

# **Macomb Intermediate School District Stormwater Management Program Plan**

## **Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit**

**MI0060269**

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# Stormwater Management Program Plan

## 1.0 Introduction

Macomb Intermediate School District is a public school district predominately based in Clinton Township, Michigan that owns or operates a regulated Municipal Separate Storm Sewer System (MS4). This Stormwater Management Plan (SWMP) has been developed to retain authorization to discharge stormwater to surface waters and reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable and protect water quality. Macomb Intermediate School District will implement and enforce this SWMP to the Maximum Extent Practicable.

This Stormwater Management Plan commits to actions throughout the permit cycle. This SWMP includes measurable goals for Best Management Practices (BMP), focusing on the six minimum measures. Measurable goals describe the actions Macomb Intermediate School District will take to implement each BMP and allow Macomb Intermediate School District to evaluate progress toward meeting key objectives outlined in the following sections.

Macomb Intermediate School District owns and operates ten (10) public properties within the boundaries of the “Detroit Urbanized Area”. All Macomb Intermediate School District properties are within the urbanized area based off the 2010 Census data, and the facilities include:

1. **Auxiliary Services Center** (Millar Building/EWS & Co. Office Building), 37623 Garfield Road, Clinton Township, MI 48036
2. **Bozymowski Center for Education** (Haitema ES) 11870 Eldorado, Sterling Heights, MI 48312
3. **Flynn Educational Center** (Flynn Middle School), 2899 Fox Hill Drive, Sterling Heights, MI 48310
4. **Glen Peters**, 46650 Heydenreich Road, Macomb, MI 48044
5. **Keith Bovenschen** (Shady Wood, 1957), 12345 Frazho Road, Warren, MI 48089
6. **Lutz School for Work Experience**, 19600 Cass Avenue, Clinton Township, MI 48038
7. **Maple Lane Elementary** (Section 34 Elementary), 34600 Dryden, Sterling Heights, MI 48312
8. **MISD Educational Service Center/Bus Garage COMPLEX**, 44001 Garfield Road, Clinton Township, MI 48038 & 43923 Garfield Rd, Clinton Township, MI 48038 (the expanded portion of the property has the 43923 Garfield Road address)
9. **Neil Reid High School**, 37701 Harper Ave, Clinton Township, MI 48036
10. **Rockwell Middle School** (Rockwell Junior High), 12225 Masonic, Warren, MI 48093

## 1.1 Nested MS4 Discharges

Macomb Intermediate School District is responsible for the permit requirements for the nested MS4s associated with the following public bodies and identified in the application submitted by the permittee:

1. Anchor Bay School District
2. Center Line Public Schools
3. Chippewa Valley Schools

**Macomb Intermediate School District  
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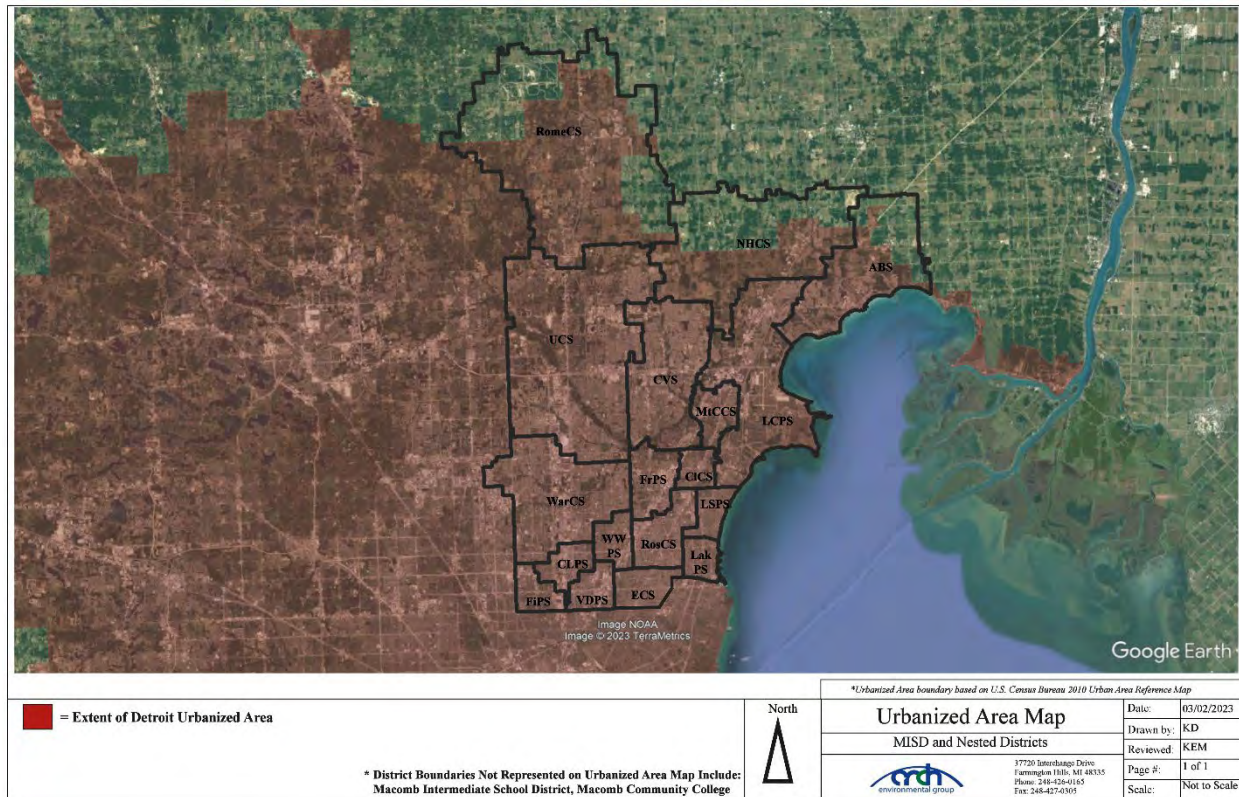
4. Clintondale Public Schools
5. Eastpointe Community Schools
6. Fitzgerald Public Schools
7. Fraser Public Schools
8. L'Anse Creuse Public Schools
9. Lake Shore Public Schools
10. Macomb Community College
11. Mount Clemens Community Schools
12. New Haven Community Schools
13. Romeo Community Schools
14. Roseville Community Schools
15. Utica Community Schools
16. Van Dyke Public Schools
17. Warren Woods Public Schools
18. Lakeview Public Schools, and
19. Warren Consolidated Schools

The permittee may request to modify permit coverage to add or remove a nested MS4 by submitting a request to the Department for approval.

## 1.2 Regulated Area

A map identifying the urbanized area within the Macomb Intermediate School District urbanized area as defined by the 2010 Census is provided below in Map 1.

**Map 1 – District Jurisdictional Boundary Map – Urbanized Area<sup>1</sup>**



## 1.3 Outfalls & Discharge Points/ Receiving Waters

The permit authorizes the discharge of stormwater from municipal separate stormwater drainage systems to waters of the state from all existing outfalls or points of discharge.

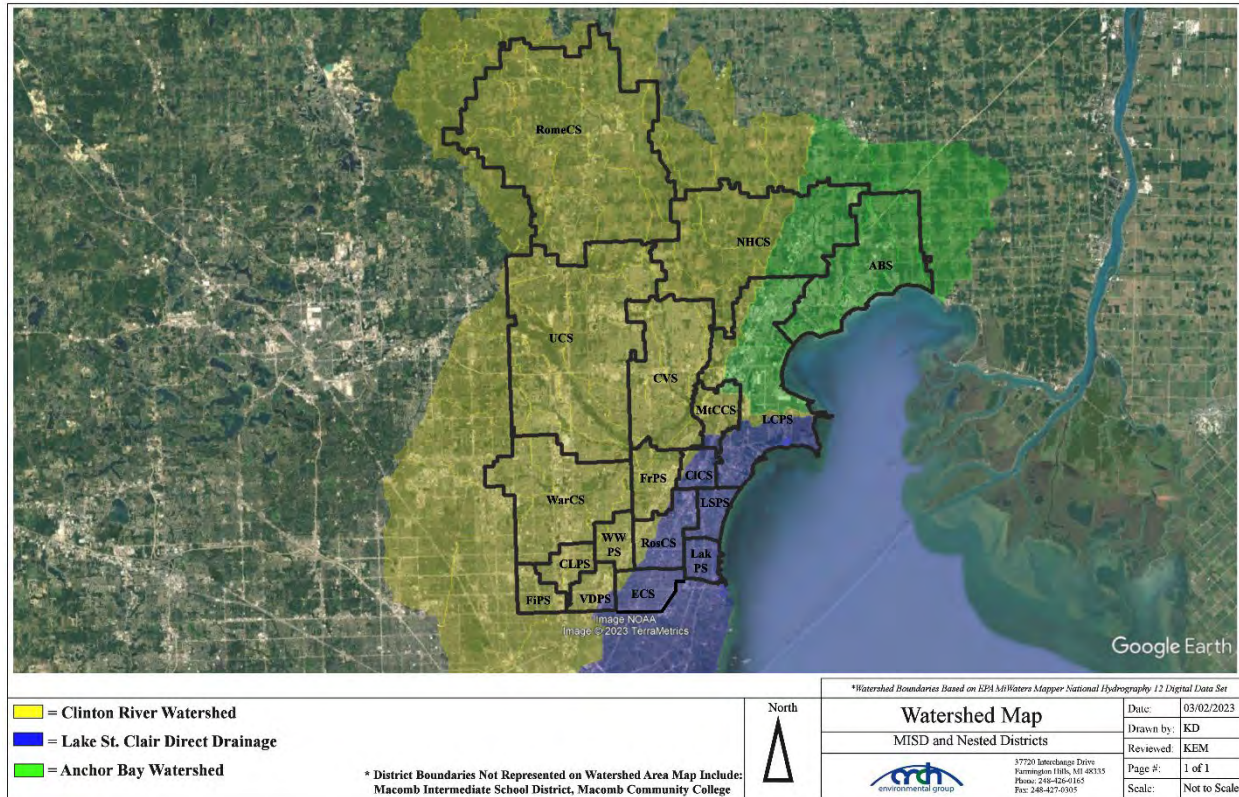
Macomb Intermediate School District has identified outfalls that discharge directly into surface waters of the state and discharge points that discharge into other MS4 drainage systems. The Macomb Intermediate School District drainage system discharges directly or indirectly into the Clinton River Watershed, Lake St. Clair Direct Drainage, and the Anchor Bay Watershed as detailed in Map 2 below.

Macomb Intermediate School District has completed site specific storm sewer system maps which identify outfall and discharge point locations, discharge point source identification numbers, and receiving waters. A receiving water table and site-specific storm sewer system maps are provided in Appendix A. Any changes to the Macomb Intermediate School District storm sewer system will be reflected on the storm sewer system maps and reports

<sup>1</sup> Urbanized area boundary based on U.S. Census Bureau 2010 Urban Area Reference Maps.

provided to the EGLE during progress reporting. The district watershed boundary map is provided below in the map listed as “Map 2”.

**Map 2 – District Watershed Map<sup>2</sup>**



**1.4 Enforcement Response Procedures**

Macomb Intermediate School District and nested MS4 district properties are regulated as an MS4 under the NPDES Permit program. Environmental compliance staff members from Macomb Intermediate School District and nested school district have the authority to inspect and monitor stormwater-related activities on campus and require full compliance with all stormwater permit requirements. Enforcement of policies, procedures, and best management practices (BMPs) outlined in this SWMP is the responsibility of the Stormwater Program Manager or their designee. Any questions regarding this policy and procedure will be directed to the Macomb Intermediate School District Stormwater Program Manager.

The primary role of the School Board or designee is to ensure that the ERP is followed in a timely and consistent manner and track compliance issues and schedules. To achieve compliance, the following steps may be conducted:

1. Reviews reported violation.
2. Contact business or non-district individual responsible for the violation.
3. Ensures that compliance actions taken are consistent and timely.
4. Tracks instances of noncompliance.

<sup>2</sup> Watershed boundaries based on Environmental Protection Agency MiWaters Mapper National Hydrography Dataset Mapper 12-Digit Watersheds.



5. Review compliance reports and schedules to ensure that appropriate enforcement actions are taken, and compliance goals are met.
6. Conduct follow-up inspection(s) to verify the violation has been corrected.
7. Legal action may be pursued for the most serious violations including where the response to previous enforcement actions is inadequate.

The tracking of instances of noncompliance includes the following information:

- Name
- Date
- Location of Violation (address, cross streets, etc.,)
- Business/Agency/Organization (as appropriate)
- Description of Violation
- Description of Enforcement Response
- Date Violation was Resolved

Information shall be placed into the individual Districts Noncompliance Enforcement Tracking Sheet.

This procedure will be reviewed on an annual basis by the Stormwater Manager for any updates. A copy of the SW Illicit Discharge Regulatory Policy is included with and an example of the Municipal Separate Storm Sewer System Noncompliance Enforcement Tracking Sheet in Appendix "B".

## **2.0 Stormwater Management Program Plan (SWMP) Minimum Control Measures**

This SWMP has been developed to describe the Best Management Practices (BMPs) Macomb Intermediate School District will implement to meet the six minimum control measures and water quality requirements. The six minimum control measures include:

- **Public Participation/Involvement Program (PPP)**  
To share components of the SWMP and encourage participation in its review and implementation.
- **Public Education Program (PEP)**  
To promote, publicize, and facilitate education for the purpose of encouraging the public to reduce the discharge of pollutants to stormwater to the maximum extent practicable.
- **Illicit Discharge Elimination Program (IDEP)**  
To detect and eliminate illicit connections and discharges to the MS4.
- **Construction Stormwater Runoff Control Program**  
To augment Part 91 rules dealing with soil erosion, offsite sedimentation, and other construction-related wastes.
- **Post-Construction Stormwater Runoff Program**  
To address post-construction stormwater runoff from projects that disturb one acre or more, including projects less than one acre that are part of a larger common plan of development that would disturb one acre or more.
- **Pollution Prevention/Good Housekeeping Program**  
To minimize pollutant runoff to the maximum extent practicable from municipal operations that discharge stormwater to the surface waters of the state.

Each BMP includes a measurable goal, implementation schedule, and measure of assessment.

## **2.1 Public Involvement/Participation Program (PPP)**

Engaging and empowering the public in the effort to reduce the impacts of stormwater runoff is a key element of the public involvement/participation program. Macomb Intermediate School District and the Nested MS4s have entered into a collaborative agreement with the Clinton River Watershed Council (CRWC) and is included in the Clinton River Watershed, Anchor Bay, Lake St. Clair Direct Drainage Collaborative Public Education Plan. The plan will be implemented collaboratively throughout the permit cycle. Copies of CRWC documents are included in Appendix C.

### **2.1.1 Public Involvement/Participation Program Objectives**

1. Process for making the Stormwater Management Plan available for public inspection and comment.
2. Process for inviting public involvement and participation in the implementation of SWMP best management practices and periodic review of the SWMP.

### **2.1.2 Public Involvement & Participation Procedure**

1. As required, the approved Stormwater Management Plan (SWMP) for Macomb Intermediate School District and Nested MS4s will be made available to the public via the district website throughout the permit cycle.
2. The stormwater webpages for Macomb Intermediate School District and Nested MS4s will include contact information for public comments.
3. The public will be notified by Macomb Intermediate School District and Nested MS4s through announcements or newsletters that a copy of the SWMP is available on the district stormwater webpage.

### **2.1.3 Public Involvement & Participation Assessment**

1. Macomb Intermediate School District will review the public involvement & participation BMPs as part of annual SWMP review to determine level of district involvement and identify areas of improvement.

**2.1.4 Public Involvement & Participation Program (PPP) BMP Table**

BMP	Implementation of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.1.4.1 Public Notice of SWMP</b>	Make SWMP available for public review through stormwater webpage.	Annually Throughout Permit Cycle	Public notice published in annual district wide newsletter announcing the availability of the SWMP for review, including contact information for comments.	Verify SWMP available on stormwater webpage, and track changes webpage posting of SWMP.	Macomb Intermediate School District & Nested MS4s
	Notification in annual district newsletter, website, or school posting to publicize updated SWMP and locations for review.			Keep copies of official SWMP posting notifications.	
	Contact information will be available on the stormwater webpages to forward comments regarding the SWMP.			Compile and track comments from the public.	
<b>BMP #2.1.4.2 Public Involvement &amp; Participation Program Assessment</b>	Evaluate the effectiveness of the public involvement program.	Annually Throughout Permit Cycle	Complete as part of annual review to determine level of district involvement and identify areas of improvement. Program activities may be adjusted based on the results of the assessment.	Copies of annual review noting any areas of needed improvement.	Macomb Intermediate School District

## **2.2 Public Education Program (PEP)**

Macomb Intermediate School District's "Public Education Program (PEP)" is designed to promote, publicize, and facilitate education for the purpose of encouraging the public to reduce the discharge of pollutants into the Macomb Intermediate School District separate storm sewer system.

Macomb Intermediate School District and the Nested MS4s have entered into a collaborative agreement with the Clinton River Watershed Council (CRWC) and is included in the Clinton River Watershed, Anchor Bay, Lake St. Clair Direct Drainage Collaborative Public Education Plan. The plan will be implemented collaboratively throughout the permit cycle. Copies of CRWC documents are included in Appendix C.

CRWC's program includes the following major components:

- Education of the public and recruitment of volunteers in each sub watershed through a variety of outreach methods (presentations, workshops, websites, cable TV, print media, etc.).
- Regular volunteer training sessions and establishment of water quality monitoring sites throughout each sub watershed.
- Quarterly stormwater management forums for municipal staff, City Council members, planners, engineers, consultants, MDEQ MS4 permit staff, and other watershed stakeholders to share information and discuss topics related to stormwater management, planning, and infrastructure development.
- Coordination of other on-going education and stewardship efforts, including River Day, Weekly Clean, Clinton Clean-Up, paddling events, water festivals, Adopt-A-Stream citizen science program, the Stream Leaders student river monitoring program, and the RiverSafe LakeSafe program.
- Engage and collaborate with municipalities to promote and facilitate CRWC's WaterTowns™ place making initiative focused on connecting communities to their waterways through education, green stormwater infrastructure, history, art, and
- Development and distribution of supporting print and web-based materials.

### **2.2.1 Public Education Program Objectives**

- A. Promote public responsibility and stewardship in their watershed.
- B. Inform and educate the public about the connection of the MS4 to area waterbodies and the potential impacts discharges could have on surface waters of the state.
- C. Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.
- D. Promote preferred cleaning materials and procedures for cars, pavement, and power washing.
- E. Inform and educate the public on the proper application and disposal of pesticides, herbicides, and fertilizers.
- F. Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter the MS4.
- G. Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous wastes, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.
- H. Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.
- I. Educate the public on and promote the benefits of green stormwater infrastructure and Low Impact Development.
- J. Promote methods for managing riparian lands to protect water quality.

- K. Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to stormwater runoff.

### **2.2.2 Public Education Program Procedure**

Macomb Intermediate School District and Nested MS4s shall implement the PEP topics and objective directed and outlined in Table A of the Clinton River Watershed, Anchor Bay, Lake St. Clair Direct Drainage Collaborative Public Education Plan. Actions are outlined in the public education program table.

**2.2.3 Public Education Program BMP Table**

Referenced the Clinton River Watershed, Anchor Bay, Lake St. Clair Direct Drainage Collaborative Public Education Plan

BMP Topic	BMP Description	Timeframe	Measurable Goal & Key Messages	Measure of Assessment	Target Audience	Responsible Party
<b>BMP #2.2.3.1 I-K</b> <b>Stormwater Education: Industrial and Commercial Facilities</b>	Provide educational materials and BMP fact sheets to industrial and commercial facilities. Target 2 industrial/commercial sectors per year. Distribute BMP information via email that is created specifically for each sector.	Ongoing Throughout Permit Cycle	Target 2 sectors per year. Distribute BMP fact sheets through annual email blast to designated contact at each facility. Track distribution via list of businesses and emails sent.	This BMP topic does not apply to school districts.		
<b>BMP #2.2.3.2 A-J</b> <b>Presentations and Displays</b>	Provide displays and presentations for water quality-related events upon request and availability of staff time display to public at least once in the next 5 years.	Once per Permit Cycle	Host display once during permit cycle.	Photo conformation of display.	Employees and property owners at industrial and commercial facilities. Property developers, planners, engineers.	Macomb Intermediate School District and Nested MS4s
<b>BMP #2.2.3.3 A-K</b> <b>Regional Public Education Materials</b>	Distribute resources available from SEMCOG including: Seven Simple Steps to Clean Water brochures, tip cards and kids' activity sheets. Topics include fertilizer, car care, pet care, household hazardous waste disposal, earth-friendly landscaping, water conservation and storm drain awareness. Materials are available on the Ours to Protect Website. at <a href="http://www.semco.org/oursto prote ct.aspx">http://www.semco.org/oursto prote ct.aspx</a>	Ongoing Throughout Permit Cycle	Distribute educational materials (pamphlets, brochures, tip cards) on request from MS4 permit communities, on various topics at community facilities and events. MS4 communities have an excel spreadsheet to track distribution.	Maintain three (3) various SEMCOG posters at each facility. Strategic locations include Main Office, Lounge, and Receiving Area (if available).  Host SEMCOG link on the stormwater webpages.	Citizens including the general public and county and municipal employees.	Macomb Intermediate School District and Nested MS4s

BMP Topic	BMP Description	Timeframe	Measurable Goal & Key Messages	Measure of Assessment	Target Audience	Responsible Party
<b>BMP #2.2.3.4                      A-K                      Sub Watershed Website</b>	Hosted by CRWC website; features sub watershed map, photos, description, events, and links to education resources. MS4 permittees will provide links to the CRWC website of their own websites.	Ongoing Throughout Permit Cycle	Provide working links to websites.	Update webpages as necessary. Confirm posting & track webpage reviews.	Citizens including the general public and county and municipal employees.	Macomb Intermediate School District and Nested MS4s
<b>BMP #2.2.3.5                      A-K                      Community Information</b>	Write or distribute articles about watersheds, green infrastructure, watershed friendly practices for homeowners, and other stormwater pollution related topics for publication into existing municipal newsletters, e-newsletters, and websites; 4 articles per year will be given to MS4 permittees from CRWC for publication in newsletters and other publications. MS4 permittees will distribute these articles to the public each year via print or digital media.	Four (4) per Fiscal Year	Publish via print or digital media 4 articles per year.	Maintain copies of email notices (watershed announcement) of educational materials provided to district staff.	Citizens including the general public and county and municipal employees.	Macomb Intermediate School District and Nested MS4s

BMP Topic	BMP Description	Timeframe	Measurable Goal & Key Messages	Measure of Assessment	Target Audience	Responsible Party
<b>BMP #2.2.3.6                      A, C, &amp; G                      Household                      Hazardous                      Waste                      Information</b>	Post and maintain links to county websites for information regarding household hazardous waste collection events on the Stormwater Public Education and Links Page.	Ongoing Throughout Permit Cycle	Address the environmental (including water quality) and public health effects resulting from improper handling and disposal of household hazardous waste, reduce the use of home toxics, keep citizens informed about the choices and responsibilities associated with purchasing, handling, and disposing of toxic substances. Increase the number of residents using the program to dispose of home toxics.	Update webpages as necessary. Confirm posting & track webpage reviews.	Students, faculty, and community	Macomb Intermediate School District and Nested MS4s
<b>BMP #2.2.3.7                      A, G                      Recreational                      Vehicle Waste                      Dumpsites</b>	Post and maintain links to recreational vehicle (RV) waste dump sites in the region on the district's Stormwater Public Education and Links page.	Ongoing Throughout Permit Cycle	Provide working links to websites.	Update webpages as necessary. Confirm posting & track webpage reviews.	Students, faculty, and community	Macomb Intermediate School District and Nested MS4s
<b>BMP #2.2.3.8                      A-J                      Riparian                      Information                      Distribution</b>	Maintain information on riparian landowner educational material on the district's Stormwater Public Education and Links page.	Ongoing Throughout Permit Cycle	Educate on why riparian zones are important, what riparian zone management is (river friendly lawn care, riparian buffer zones, stream bank stabilization, woody debris management, river maintenance). Increase number of riparian landowners who implement BMPs.	Update webpages as necessary. Confirm posting & track webpage reviews.	Students, faculty, and community	Macomb Intermediate School District and Nested MS4s



BMP Topic	BMP Description	Timeframe	Measurable Goal & Key Messages	Measure of Assessment	Target Audience	Responsible Party
<b>BMP #2.1.4.5                      Public Education Program Assessment</b>	Evaluate the effectiveness of the public education program.	Annually Throughout Permit Cycle	Complete as part of annual SWMP review to determine level of district involvement and identify areas of improvement. Program activities may be adjusted based on the results of the assessment.	Copies of annual SWMP review noting any areas of needed improvement.	Students, faculty, and community	Macomb Intermediate School District and Nested MS4s

### **2.2.5 Public Education Program Effectiveness**

The effectiveness of the public education program will be evaluated based on progress made towards meeting the BMP objectives described above.

The District has implemented a “Watershed Awareness Survey” to be used as an evaluation. The purpose of these surveys is to provide an assessment of public understanding of issues in the watershed related to pollution from stormwater runoff. Results would be used to guide Macomb Intermediate School District in identifying opportunities for enhancement of the PEP. Additionally, Macomb Intermediate School District will conduct an annual review of the public education best management practices to determine if they have been implemented and identify areas of improvement.

## **2.3 Illicit Discharge Elimination Program (IDEP)**

The following Macomb Intermediate School District Illicit Discharge Elimination Program is designed to identify, locate, prohibit, and effectively eliminate illicit discharges, including discharges of sanitary wastewaters, to the permitted separate stormwater drainage systems.

### **2.3.1 Illicit Discharge Elimination Program (IDEP) Program Objectives**

1. Establish authority to investigate, inspect and monitor suspected illicit discharges.
2. Maintain maps of the MS4, points of discharge, and outfalls.
3. Prohibit non-stormwater discharge into the MS4.
4. Provide regular training to staff.
5. Instruct contractors to prevent dumping into the MS4.
6. Conduct routine dry weather screening.
7. Conduct source investigations if the source of an illicit discharge/connection is not identified by field screening.
8. Illicit discharge identification and elimination program performance & effectiveness.

### **2.3.2 Facility Site Storm Sewer System Maps and Lists**

Macomb Intermediate School District and Nested Ms4s along with consultants completed storm sewer system mapping at each of the owner operated properties identified in Section 1.0 of this Stormwater Management Plan. Storm sewer system maps include detailed information of the storm sewer system, including the locations of outfalls, points of discharge, and waters of the State that receive the discharges. The maps include a unique identification number for each storm sewer location identified on the map. Latitude and longitude are also noted for outfall and points of discharge location. Storm sewer system information will be maintained and updated and reported in Progress Reports.

**Outfalls** are discharge points where stormwater is discharged directly to surface waters of the state. Surface waters of the state include streams, lakes, ponds, county drains, and wetlands. Outfalls can be pipes, ditches, or sheet flow from the facility. Some facilities will have an outfall where they can manually control the discharge.

**Points of Discharge** are discharge points where stormwater is discharged to a municipal or private separate storm sewer system. The visual assessment will be conducted as close to the point of discharge as possible before the storm water enters the municipal or private separate storm sewer system. Points of discharge include on-site catch basins and trench drains, in-street catch basins, and conveyances to roadside ditches.

Copies of the current facility storm sewer system maps are available at the Educational Services Center, 44001 Garfield Road, Clinton Township, MI. Additionally, copies of the storm sewer system maps and a list of the outfalls and points of discharge are provided in Appendix A.

### **2.3.3 Illicit Discharge Identification & Investigation Procedure – Field Observations**

Macomb Intermediate School District and Nested MS4s will conduct field observations for 100% of all outfalls and points of discharge locations during dry weather or more expeditiously if Macomb Intermediate School District becomes aware of a non-stormwater discharge. Outfalls and points of discharge will be inspected by personnel trained to recognize all signs of possible illicit discharges. Dry weather screening will occur at once per permit cycle. Macomb Intermediate School District and Nested MS4s will conduct DWS once during this 5-year permit cycle. Preferably, every outfall and point of discharge will be inspected and evaluated following a period of at least 48-72 hours of dry weather.

The field observations will focus on visual inspection for the following:

- Outfall/point of discharge number
  - Date/name of inspector
  - Date of last rainfall
  - Presence or absence of flow
  - Presence or absence of standing water
  - Water clarity and color
  - Presence of oil sheen, trash and or other floatable materials
  - Presence of bacterial sheen or slimes
  - Excessive vegetative growth
  - Odor
  - Suds
  - Presence of oil
- ❖ These characteristics are documented even if no flow is observed at the time of the inspection.

All field observations are detailed on a “Screening Inspection Log”. A copy of the Screening Inspection Log is provided in Appendix E.

During field observations, in instances where the storm sewer outfalls and points of discharge is submerged or is connected to another enclosed sewer, the inspector will observe the nearest upstream storm sewer location or access point. Additionally, if dry weather flow is observed and it is obvious that an illicit discharge is present and the source of the discharge is obvious, Macomb Intermediate School District and Nested MS4s will document the observations and the source and follow-up with applicable parties. Once a potential discharge is indicated at an outfall or point of discharge, additional inspection, field screening and source investigation activities are conducted.

### **2.3.4 Illicit Discharge Identification & Investigation Procedure – Field Screening & Source Investigation**

At the time of the outfall or discharge point inspection, if dry weather flow is observed and the source is not obvious, the inspector who identified the discharge shall immediately conduct an upstream source investigation to determine the origin of the flow. The initial investigation includes visual and olfactory observations upstream from the outfall/point of discharge. If necessary, relevant indicator field screening or dye tracing will be conducted.

If the origin of the flow is not identified during the visual upstream investigation, a grab sample is collected within 24 hours from the discharge for indicator field screening analysis. Indicator monitoring/field screening is the secondary tool utilized for dry weather flow without obvious indicators such as very high turbidity, strong odors, or visible discharge. Screening may include some or all the indicator parameters:

- Temperature
- pH
- Detergents (i.e., surfactants)
- Chlorine
- Ammonia
- Turbidity
- Conductivity

Indicator parameters used to assess the dry weather flow shall be determined by the visual and olfactory observations and upstream source investigation.

Additional grab samples may be collected and delivered for external laboratory analysis, only if additional test parameters are required for the source investigation. The laboratory analysis parameters for grab samples are determined by the type of contamination suspected at the time of the source investigation.

Laboratory indicator parameters are based on EGLE guidance and as specified in the reference sources identified above. The selected laboratory parameters are:

- Fluoride
- Coliform
- E-coli
- Potassium
- Color
- Ammonia

The exact procedure for tracking the illicit discharge will depend on the particular facts of each incident. At the time of the identification of the observed dry weather flow, the flow will be tracked upstream until the source is isolated. Once the source has been isolated down to a specific site location, the work will become source confirmation. If the source is not confirmed, additional fieldwork, building evaluation, or dye testing may be necessary. Additional source investigations will be conducted within 14 days of the original observed dry weather flow.

Once the elimination of an illicit connection or illicit discharge has occurred, an elimination report detailing the corrective actions with attached work orders, photos or dye tracing results will be compiled for documentation purposes. Field inspections will continue until it can be reported that no illicit connection or discharge is present at that outfall/point of discharge.

### **2.3.5 Illicit Discharge/Connection Elimination Procedure**

Illicit discharges and connections are identified through reporting, routine storm sewer system inspections and dry weather screening inspections. A “How to Spot Illicit Discharges” poster along with a “How to Report/Hotline Numbers” posters are placed in the receiving/custodial areas in each facility to report concerns. Macomb Intermediate School District and Nested MS4s’ goal is to evaluate all potential unauthorized or suspected illicit

discharge to the municipal separate storm sewer system (MS4) and perform any necessary notifications and reporting to the applicable agencies (i.e., EGLE, local drain commission, etc.) within the required time period(s).

Macomb Intermediate School District and Nested MS4s will evaluate and conduct the following actions regarding reported or observed illicit discharges/illegal dumping spills into the storm drainage system.

- Suspected discharges will be investigated within 24 hours. The Macomb Intermediate School District and Nested MS4s will ensure enforcement actions within 7 days.
- Conduct source investigations, including applicable field screening to trace the origin of the materials within 14 days of the reported/observed illicit discharge.
  - Macomb Intermediate School District and Nested MS4s will follow existing spill response procedures outlined in [Section 2.3.10, under Spill Response, Policy & Procedures](#), if required.
- Once the source has been isolated down to a specific site location, the work will become source confirmation.
- If the responsible party is identified, educate the party on the impacts of their actions, explain the stormwater requirements, and provide information regarding Best Management Practices.
- Evidence of illicit discharges traced to other MS4 jurisdictions will be provided to the responsible MS4 operator along with any collected data to assist that MS4 operator in completing their investigations to correct the illicit discharge or connection.
- Macomb Intermediate School District and Nested MS4s will cooperate with the MS4 operator in determining the source or type of illicit discharge and/or connection and will follow-up to ensure that appropriate action has been completed by the MS4 operator to eliminate the discharge.
- Continue inspection and follow-up activities until the illicit discharge activity has ceased.
- Document all activities utilizing the Illicit Discharge/Illegal Dumping Reporting form.

A copy of the Illicit Discharge/Illegal Dumping Reporting form is included in Appendix B.

Once an illicit discharge has been confirmed from a Macomb Intermediate School District facility or Nested MS4 facility, the discharge will be corrected using the most expedient method possible based on the type and configuration of the discharge or connections. Other illicit discharges or releases of polluting materials will be corrected through administrative measures including employee training, placement of signs or markings, policy revisions, or any other steps necessary to eliminate the continued release of polluting materials to the MS4.

Within 60 days of a confirmed illicit connection from a Macomb Intermediate School District facility or Nested MS4 facility, Macomb Intermediate School District or Nested MS4 will take steps to fix or eliminate the illicit connection. These steps include a review of corrective methods to be used to repair or eliminate the connection, determine the length of time the repair or elimination will take to complete, the cost of the elimination, the pollution potential and consider how the removal of the illicit connection will be confirmed. Corrective methods include capping, closing, or re-routing illicit connections to the sanitary sewer or other collection systems.

### **2.3.6 Illicit Discharge Regulatory Mechanism/Policy**

The district developed a “Stormwater Management – Illicit Discharge Regulatory Policy”. This illicit discharge regulatory policy was developed as a regulatory policy for prevention of pollution from storm water runoff and to protect the quality of the waters of the State of Michigan through the regulation of non-stormwater discharges to the municipal separate storm sewer system (MS4) to the maximum extent practicable as required by federal and state law. This regulatory mechanism establishes methods for controlling the introduction of pollutants into the MS4

to comply with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit through the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The objectives of the regulatory mechanism are:

Department of Environment, Great Lakes, and Energy (EGLE). The objectives of the regulatory mechanism are:

1. To regulate the contribution of pollutants to the MS4 by stormwater discharges by any user.
2. To prohibit illicit connections and discharges into the MS4.
3. To establish authority to investigate, inspect, and monitor suspected illicit discharges.

Macomb Intermediate School District has developed and passed a board policy resolution to direct compliance with these requirements. The Macomb Intermediate School District School Board Resolution was reviewed and passed in March 2023. The Nested MS4s passed the developed board policy resolution between November 2022 and March 2023. Copies of the School Board Policies are provided in Appendix B.

The Stormwater Program Manager or designee will be provided full access to all the district facilities and properties owned and operated by the district or Nested MS4 as required to inspect, investigate, and monitor suspected or confirmed illicit discharges or connections to the MS4.

The Macomb Intermediate School District and Nested MS4s stormwater webpage includes information on how to notify the district if a discharge is witnessed taking place. Finally, the “Stormwater Management – Illicit Discharge Regulatory Policy” will be emailed to district staff members. The “Stormwater Management – Illicit Discharge Regulatory Policy” is available in Appendix B.

**Illicit Discharge** means any discharge to, or seepage into the separate stormwater drainage system that is not composed entirely of stormwater or uncontaminated groundwater except discharges pursuant to an NPDES permit. Illicit discharges include but are not limited to the following:

- Dumping of motor vehicle fluids
- Improper disposal of household hazardous wastes
- Grass clippings
- Leaf litter
- Pet & other animal wastes
- Unauthorized discharges of sewage
- Industrial wastes
- Restaurant wastes
- Vehicle & equipment wash waters
- Any non-stormwater waste

All activities are documented utilizing the Illicit Discharge/Illegal Dumping Reporting form.

**Illicit Connection** means a physical connection to the MS4 separate stormwater system that primarily conveys non-stormwater discharges other than uncontaminated groundwater into the MS4 separate storm sewer system; or a physical connection not authorized or permitted by the local authority, where a local authority requires authorization or a permit for physical connections.

Macomb Intermediate School District's and Nested MS4s' policy is to eliminate all illicit connections or discharges from their facilities and restrict the discharge of polluting substances to the separate storm sewer system. The process to achieve these goals will consist of the inspection and screening of all storm sewer systems and elimination of any improper connection from any Macomb Intermediate School District facility or Nested MS4 facility to any waterway or the municipally owned separate storm sewer system (MS4).

### **Prohibitions of Illicit Discharges**

1. Prohibition of Illicit Discharges:
  - a. Macomb Intermediate School District and Nested MS4s prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants.
2. The following discharges are NOT prohibited:
  - a. This policy excludes prohibitions from the discharge or flows from firefighting activities to the Macomb Intermediate School District or Nested MS4s' MS4. Discharge or flows from firefighting activities will be addressed only if they are identified as significant sources of pollutants to surface waters of the state.
  - b. The following activities are not prohibited under this policy unless they are determined to be significant sources of pollutants to surface waters of the state:
    - Water line flushing and discharges from potable water sources.
    - Landscape irrigation runoff, lawn water runoff, and irrigation waters.
    - Diverted stream flows and flows from riparian habitats and wetlands.
    - Rising groundwater and springs.
    - Uncontaminated groundwater infiltration and seepage.
    - Uncontaminated pumped groundwater, except groundwater cleanups specifically authorized by NPDES permits.
    - Foundation drains, water from crawl space pumps, footing drains, and basement sump pumps.
    - Air conditioning condensation.
    - Waters from noncommercial car washing (runoff from family home).
    - Street wash water.
    - Dechlorinated swimming pool water from single, two, or three family residences. (A swimming pool operated by the permittee shall not be discharged to a separate storm sewer or to surface waters of the state without NPDES permit authorization from the EGLE.)

Identifying a discharge or flow as a significant contributor is completed on a case-by-case basis and is dependent on many factors, including the type of pollutant, amount discharged, and impacts to surface waters of the state.

### **Prohibition of Illicit Connections**

1. Improper connections in violation of this regulatory mechanism must be disconnected and redirected.
2. Illicit discharge and connections will be eliminated.
3. The construction, use, maintenance, or continued existence of illicit connections to the storm drain system is prohibited by Macomb Intermediate School District and Nested MS4s. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.

### **2.3.7 Illicit Discharge Elimination Training**

A training program is an important component of an effective IDEP. Training is required for all employees whose job responsibilities involve illicit discharge related activities, or indicate a potential to cause, witness, or report an illicit discharge or connection. Training is discussed in detail in Section 3.0 of this SWMP.

### **2.3.8 Illicit Discharge Elimination Program Effectiveness**

Macomb Intermediate School District and Nested MS4s are required to track implementation of the illicit discharge elimination program stormwater management items and evaluate its effectiveness. Documentation of these items includes documentation of actions taken to eliminate illicit discharges. The following are examples of the types of performance measures and effectiveness measures that may be used to evaluate the effectiveness of the IDEP program. The following information will be reviewed annually, and will be used to focus and modify activities to maximize environmental benefits of the plan:

- Verify the distribution of public education posters.
- Number of outfalls/discharge points screened.
- Number of illicit connections found.
- Number of illicit connections eliminated.
- Number and type of discharges that are investigated.
- Actions conducted to follow-up discharges that are identified or reported.
- Number of scheduled clean-outs and routine maintenance work conducted.

The District and Nested MS4s shall evaluate:

1. Evaluate the number of illicit discharges and determine if discharges have decreased throughout the permit cycle.
2. Evaluate if the number of reported potential discharges has increased due to improved awareness.
3. Evaluate dry weather screening monitoring data to measure changes in water quality.



**2.3.9 Illicit Discharge Elimination Program – BMP Table**

<b>BMP</b>	<b>Description of BMP</b>	<b>Timeframe</b>	<b>Measurable Goal</b>	<b>Measure of Assessment</b>	<b>Responsible Party</b>
<b>BMP #2.3.9.1 Facility Storm Sewer System Maps</b>	Provide an up-to-date storm sewer system map. The maps shall identify the storm sewer system, location of outfalls and points of discharge, and names and locations of the surface waters of the state receive the discharge.	Maps Completed in 2022	100% of facilities mapped, and 100% of storm sewer system updates mapped.	Maintain facility site maps at the Educational Services Building, 44001 Garfield Road, Clinton Township, MI.	Macomb Intermediate School District and nested MS4s
		Updates Ongoing as Needed throughout Permit Cycle		Update facility map with sewer system updates. Maintain maps for progress report submittal.	Macomb Intermediate School District and nested MS4s
<b>BMP#2.3.9.2 Enforcement</b>	Written policy to enforce elimination of illicit discharges into MS4 owned by the Permittee.	Illicit Discharge Regulatory Policy Developed and Board Resolution Passed between November 2022 & March 2023	Illicit Discharge Regulatory Policy developed, and Board Policy Resolution reviewed and approved by the school board.	Copy of the Illicit Discharge Regulatory Policy and Approved Board Resolution	Macomb Intermediate School District and nested MS4s
				Copy of policy available on the district stormwater webpage or emailed to staff.	
<b>BMP #2.3.9.3 Dry Weather Screening</b>	Dry Weather Screening is conducted once per permit cycle. Dry weather screening will be conducted by personnel trained to recognize all signs of possible illicit discharges.	DWS Scheduled to be completed once during the permit cycle	100% of outfalls and point of discharges inspected and evaluated following a period of 48-72 hours of dry weather. Outfalls/points of discharges re-inspected if necessary.	Maintain dry weather screening inspection logs/reports.	Macomb Intermediate School District and nested MS4s

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.3.9.4                      Illicit Discharge Reporting</b>	Eliminate illicit discharges and connections through reporting, routine storm sewer system inspections and dry weather screening inspections.	Ongoing Throughout Permit Cycle	Place “How to spot illicit discharge/ How to Report-Hotline Numbers” posters placed in Receiving Rooms at each Macomb Intermediate School District facility. The goal is to have one poster at each facility.	Annually verify number of posters in place throughout the district.	Macomb Intermediate School District and nested MS4s
			Advertise reporting hotline on district webpage.	Track number of calls and document calls onto Illicit Discharge/Illegal Dumping Reporting form. (Appendix B).	
<b>BMP #2.3.9.5                      Unauthorized Discharge/ Illicit Discharge Complaint Response</b>	The district will immediately evaluate any potential unauthorized or suspected illicit discharge to the municipal separate storm sewer system (MS4) and perform any necessary notifications and reporting to the applicable agencies (i.e., EGLE, local drain commission, etc.) within the required time period(s). This procedure is outlined in Section 2.3.10 Polluting Materials Emergency and Spill Response Policy & Procedures.	Suspected discharges will be investigated within 24 hours. The Macomb Intermediate School District will ensure enforcement actions within 7 days.	100% of unauthorized or suspected illicit discharges evaluated (field observation, field screening, and source investigation) and eliminated.	Documentation of relevant field observations, field screening or source investigations.	Macomb Intermediate School District and nested MS4s
		Within 14 days of reported suspected discharge.			
<b>BMP #2.3.9.6                      Illicit Connections</b>	Reroute, repair, or disconnect any illicit connections.	Within 60 days of identified illicit connection	Take steps to eliminate 100% of identified illicit connections.	Work order, receipt or report detailing the illicit connection correction activities.	Macomb Intermediate School District and nested MS4s

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.3.9.7 Illicit Discharge Elimination Training</b>	Train staff on the identification and reporting of illicit discharges or improper connections and the cleanup/notification procedures for spills of polluting materials.	Once per permit cycle or during the 1 <sup>st</sup> year of employment Throughout Permit Cycle	Goal of providing illicit discharge elimination training to all maintenance, transportation, custodial and skilled trade staff who work for Macomb Intermediate School District. <b>[All Stormwater Training is outlined in Section 3.0 Training]</b>	Copy of sign in sheets and Agenda (if available).	Macomb Intermediate School District and nested MS4s
<b>BMP #2.3.9.8 Notice of Intent to Discharge Tracer Dyes</b>	Maintain approval from the EGLE for authorization to discharge tracer dyes in surface waters per General Rule 97 to conduct source investigations.	As needed Throughout Permit Cycle	EGLE approval to discharge tracer dyes.	Documentation of EGLE approval.	Macomb Intermediate School District and nested MS4s
<b>BMP #2.3.9.9 IDEP program Performance &amp; Effectiveness</b>	Review performance measures to evaluate the effectiveness of the IDEP program. Items include posting of IDEP public education posters, number of outfalls/discharge points screened, number of illicit connections found, number of illicit connections eliminated, number and type of violations investigated, and number of scheduled clean-outs and routine maintenance work conducted.	Annually Throughout Permit Cycle	Annual review of the IDEP program performed. Evaluate reduced illicit discharges, increase reporting, and evaluate dry weather screening data.	Maintain copy of annual review and evaluation information for progress reporting.	Macomb Intermediate School District and nested MS4s

### **2.3.10 Polluting Materials Emergency and Spill Response Policy and Procedures**

#### **Purpose**

This policy and associated procedures have been developed to define appropriate and safe response procedures for spill or accidental releases of hazardous materials or substances at all Macomb Intermediate School District's facilities or Nested MS4s' facilities.

#### **Policy**

Only trained and authorized personnel are permitted to respond to hazardous materials incidents! Employees must be trained in the safe use of chemicals or chemical management prior to working in a lab or cleaning up minor spills. The Stormwater Program Manager will immediately report any release of any polluting materials from the MS4 to surface waters or groundwater of the state, unless a determination is made that the release is not in excess of the threshold reporting quantities in the Part 5 Rules and comply with all Federal, State, and local regulatory requirements for the management and reporting of all hazardous materials and/or waste releases.

If it is determined that the release poses a threat to the safety or the environment outside the facility or in excess of the threshold reporting quantities, the Stormwater Program Manager will report the release immediately or within 24 hours of knowledge of the release to:

- The EGLE Warren District Office at (586)-753-3700 during regular working hours.
- The 24-hour Michigan Pollution Emergency Alerting System (PEAS) at 1-800-292-4706 after working hours.

Any release of oil (includes gasoline, diesel fuel, used oil and mineral spirits) to navigable waters or adjoining shorelines will be reported to the immediately or within 24 hours of knowledge of the release to:

1. The 24-hour National Response Center (NRC) at 1-800-424-8802

The Stormwater Program Manager will maintain responsibility for monitoring any changes in regulatory requirements regarding hazardous materials and waste spills or accidental releases. This policy will be revised as necessary based upon any changes in the regulatory requirements or internal experiences. All hazardous materials spills or releases will be thoroughly investigated by the Stormwater Program Manager.

#### **Emergency Spill Response Procedures**

Each facility having the potential for the release of a hazardous material or substance shall have trained and knowledgeable staff members to respond and/or implement spill response procedures for that facility. Spill containment materials such as absorbent pigs, pads, booms, diking materials, storm drain covers, etc. are to be stored and maintained at all facilities for use by trained employees in the event of a spill or accidental release.

The following general guidelines are to be implemented as applicable in managing spills and accidental releases:

#### **1. Minor Spill or Leak**

- Attempt to contain the spill.
- Wear proper Personal Protective Equipment (PPE) while cleaning up the spill/leak.
- Notify supervisor and call Stormwater Program Manager at (586) 921-0696.

#### **2. Major Spill or Leak**

- Call the Stormwater Program Manager immediately at (586) 921-0696.
- Do not attempt to clean up the spill yourself.
- Provide clean-up/rescue personnel with appropriate Safety Data Sheets (SDS) and other important information.

Refer to sections **2.3.4 Illicit Discharge Identification & Investigation Procedure – Field Screening & Source Investigation** and **2.3.5 Illicit Discharge/Connection Elimination Procedure** for implementation timeframes.

This guidance has been developed in anticipation of potential releases of hazardous materials and substances. The procedures outlined in this guidance will only be implemented by the persons who have received sufficient training and are competent in the handling of the released material.

As appropriate, illicit discharges or releases of polluting materials will be corrected through administrative measures including employee training, placement of signs or markings, policy revisions, or any other steps necessary to eliminate the continued release of polluting materials to the MS4. The district will conduct follow-up inspections and sampling as needed to ensure that appropriate action has been completed.

## **2.4 Construction Site Stormwater Runoff Control Program**

Macomb Intermediate School District and Nested MS4s' goal is to establish procedures for construction stormwater runoff control to meet minimum measure requirements to maximum extent practicable.

**Construction** refers to actions that result in a disturbance of the land, including clearing, grading, excavating, and other similar activities.

**Construction-related activities** are activities that support the construction project such as stockpiles, borrow areas, concrete truck washouts, fueling areas, material storage areas and equipment storage areas.

### **2.4.1 Construction Site Stormwater Management Program Objectives**

- A. Process for notifying the Part 91 Agency appropriate staff when soil or sediment is discharged to the MS4 from a construction activity.
  - The procedure shall allow for the receipt and consideration of complaints or other information submitted by the public or identified internally as it relates to construction stormwater runoff control.
- B. Procedure for when to notify the EGLE when soil, sediment, or other pollutants are discharged to the MS4.
  - Other pollutants include pesticides, petroleum derivatives, construction chemicals, and solid wastes that may become mobilized when land surfaces are disturbed.
- C. Procedure for ensuring that construction activity one acre or greater in total land disturbance obtains a Part 91 Permit.

### **2.4.2 Construction Notification Procedure**

The EGLE certified construction stormwater operator inspector conducting site inspections will normally detect any soil or sediment entering the MS4.

**In the event an inspector identified a discharge during an inspection:**

1. The inspector shall document all details of the soil erosion and sedimentation control deficiency and report to the Macomb Intermediate School District Stormwater Manager.
2. The Macomb Intermediate School District Stormwater Manager (or designee) is responsible for assessing any suspected or confirmed discharge and notifying the appropriate agency.
3. Macomb Intermediate School District will notify the local Part 91 agency and EGLE when significant runoff of soil, sediment, or other pollutants such as pesticides, petroleum derivatives, construction chemicals, or solid wastes from the construction site discharges to the MS4 or surface waters of the state within 24 hours of discovery or as otherwise required by the issuing agency.

**In the event of a public complaint:**

Macomb Intermediate School District will track the receipt of complaints submitted by the public or noted by staff during regular course of business of soil, sediment, or other pollutants such as pesticides, petroleum derivatives, construction chemicals, and solid wastes are being discharged into the MS4.

The tracking will include:

- Name of person providing the complaint.
- Location (address or nearest cross street).
- Description of follow up (e.g., date referred to the Part 91 enforcing agency).

Macomb Intermediate School District will notify the Part 91 Agency, when soil, sediment, and other pollutants such as pesticides, petroleum derivatives, construction chemicals, and solid wastes are discharged into MS4.

Macomb Intermediate School District ensures that construction activity one acre or greater in total earth disturbance with the potential to discharge to the MS4 does obtain a Part 91 Permit and State of Michigan Permit by Rule.

**2.4.3 Part 91 Permit**

Macomb Intermediate School District and Nested MS4s will ensure that any construction activity that result in a land disturbance meeting the following criteria:

- Greater than or equal to one (1) acre, or
- Disturb less than one (1) acre that is part of a common plan of development or sale.

Will obtain a Part 91 Permit through the site plan review process with the appropriate county or municipal permitting agency.

**2.4.4 Permit by Rule Compliance**

Macomb Intermediate School District and Nested MS4s shall comply with the State of Michigan Permit by Rule (Rule 323.2190) for stormwater discharge from construction activity. Sites disturbing one (1) to five (5) acres with a point source discharge to the waters of the state receive automatic storm water coverage upon securing a SESC permit from the appropriate Part 91 recognized County Enforcing Agency, Municipal Enforcing Agency, or Authorized Public Agency (APA) under the authority of Part 91.

1. Construction sites with at least one (1) acre but less than five (5) acres of soil disturbance with a surface water discharge, must obtain a county or municipal SESC permit, and are required to follow the provisions of the Permit by Rule, but do not need to notify the EGLE of the construction activity.

2. Construction sites disturbing over five (5) acres with a point source discharge to the waters of the state must obtain a county or municipal SESC permit and submit a Notice of Coverage (NOC) and other pertinent documents and the appropriate fee to the EGLE.

Requirements of Permit by Rule include, but are not limited to:

- Weekly site inspections conducted by a Certified Construction Stormwater Operator.
- Inspection within 24 hours of a precipitation event that results in a discharge from the site by a Certified Construction Stormwater Operator.

**2.4.5 Construction Site Stormwater Management-BMP Table**

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<p><b>BMP #2.4.5.1 Notification of Deposit during Inspection</b></p>	<p>Macomb Intermediate School District will notify the local part 91 agencies or EGLE when runoff from the construction site discharges significant pollutants to the MS4 or surface waters of the state within 24 hours of discovery or as otherwise required by the issuing agency. The Macomb Intermediate School District Stormwater Manager (or designee) is responsible for assessing any suspected or confirmed discharge and notifying the appropriate agency. (Refer to section 2.4.2)</p>	<p>As necessary Throughout Permit Cycle</p>	<p>100% discharges identified and appropriate agencies notified. Control of potential system failure.</p>	<p>Documentation of Construction Stormwater Operator site inspection.</p>	<p>Macomb Intermediate School District</p>
	<p>Track complaints submitted by the public or noted by staff during regular course of business of soil, sediment, or other pollutants such as pesticides, petroleum derivatives, construction chemicals, and solid wastes are being discharged into the MS4.</p>			<p>Documentation of public complaint (Name of person providing the complaint, location [address or nearest cross street] description of follow up [e.g., date referred to the Part 91 enforcing agency]).</p>	<p>Macomb Intermediate School District</p>
<p><b>BMP #2.4.5.2 Part 91 Permit</b></p>	<p>Macomb Intermediate School District will ensure that any construction activity that result in a land disturbance greater than or equal to one (1) acre or disturb less than one (1) acre that is part of a common plan of development or sale will obtain a Part 91 Permit through the site plan review process.</p>	<p>As necessary Throughout Permit Cycle</p>	<p>100% of permits obtained.</p>	<p>Copy of permit and associated soil erosion and sedimentation control plans.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>



BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.4.5.3                      Permit by Rule</b>	Construction sites between (1) acre but and five (5) acres of soil disturbance follow the provisions of the Permit by Rule, but do not need to notify the EGLE of the construction activity.	As necessary Throughout Permit Cycle	Goal of 100% of weekly and precipitation event inspection completed by certified Construction Stormwater Operator.	Copy of inspections.	Macomb Intermediate School District & Nested MS4s
	Construction sites disturbing over five (5) acres with a point source discharge to the waters of the state must follow provisions of the Permit by Rule and submit a Notice of Coverage (NOC) and other pertinent documents and the appropriate fee to the EGLE.		100% NOC obtained.	Copy of NOC	Macomb Intermediate School District & Nested MS4s

## **2.5 Post Construction Stormwater Controls for New Developments & Redevelopments**

Post-construction storm water runoff is the storm water that would flow from a project site to the Municipal Separate Storm Sewer System (MS4) after completion of a development or redevelopment project (not during the project).

A post-construction stormwater runoff program compliance assistance document is available via the internet at [https://www.michigan.gov/documents/deq/wrd-storm-MS4-ComplianceAssistance\\_470350\\_7.pdf](https://www.michigan.gov/documents/deq/wrd-storm-MS4-ComplianceAssistance_470350_7.pdf).

### **2.5.1 Post Construction Stormwater Management Program Objectives**

The post-construction stormwater run-off controls are necessary to maintain or restore stable hydrology in receiving waters by limiting surface runoff rates and volumes and reducing pollutant loadings from sites that undergo development or significant redevelopment.

Projects that change the existing footprint (e.g., increase impervious surface) or offer new opportunities for storm water control (e.g., reconstruction to the subbase layer with a change in underdrainage) are considered redevelopment projects.

The objects of this program and associated procedures are to:

- Develop and implement regulatory mechanisms to address post-construction stormwater runoff for new development and redevelopment projects, including preventing or minimizing water quality impacts.
- Develop and implement regulatory mechanisms for projects that disturb one or more acre, including projects less than an acre that are part of a larger common plan of development or sale and discharge into the applicants MS4.
- Ensure post construction controls to minimize water quality impacts by following water quality treatment standards.
- Require that BMPs be designed on a site-specific basis to reduce post-development total suspended solids loading.
- Procedure to meet water quality treatment and channel protection standards of new development or redevelopment projects.
- Address “hot spots”.
- Require adequate long-term O&M of BMPs by ordinance or other regulatory means.

### **2.5.2 Post-Construction Policy and Procedure**

The district has developed a “Stormwater Management - Post-Construction Policy & Procedure” to direct compliance with these requirements. The “Stormwater Management - Post-Construction Policy & Procedure” is located in Appendix B.

Development and redevelopment projects on district properties are regulated under and must comply with the Macomb Intermediate School District individual NPDES permit for stormwater discharges, as issued by the Michigan Department of Environment, Great Lakes and Energy (EGLE). The Stormwater Management Post-Construction Policy & Procedure has been developed to provide guidance regarding responsibilities and actions to meet the NPDES permit conditions for development and redevelopment projects on Macomb Intermediate School District properties.

The post-construction plan for stormwater management on regulated sites **must** include:

- A minimum treatment volume standard to address water quality impacts.
- Channel protection criteria to address resource impairment resulting from flow volumes and rates.
- Review sites with known soil and/or groundwater contamination, including potential “hot spots” and evaluate the use of infiltration BMPs to meet water quality treatment and channel protection criteria to ensure that infiltration BMPs do not exacerbate existing conditions. Hot spots include areas with the potential for significant pollutant loading such as vehicle service and maintenance facilities, vehicle equipment cleaning facilities, fleet storage areas for buses, and outdoor liquid container storage.
- Drawings showing the location of stormwater control measures and the storm system.
- Details on the proposed stormwater control measures.
- Operation & Maintenance (O&M) requirements.
- Supporting information:
  - Calculations used for designing all components of the stormwater management systems.
  - Total suspended Solids (TSS) design removal rates and supporting manufacturer documentation, if applicable.
  - Geotechnical report including soil boring and infiltration test data.

The project team [Architecture, Engineering & Construction, Other Project Manager, Project Developer and/or Contractors] shall develop the post-construction plan for stormwater management in accordance with this guideline and the NPDES permit.

Macomb Intermediate School District has developed and passed a board resolution in March 2023, to direct compliance with these requirements. The Nested MS4s have passed the developed board resolution between November 2022 and March 2023. In addition to the board policy resolution, the following sections identify specific actions to be taken by Macomb Intermediate School District and Nested MS4s to ensure compliance with the applicable standards. A copy of the Macomb Intermediate School District School and Nested MS4s Signed Board Policy Resolutions are provided in Appendix B

The Stormwater Program Manager or designee will administer and enforce the stormwater management program, including maintaining procedures, guidance, information, etc. to aid district staff and contractors in complying with the post-construction requirements for stormwater management.

### **2.5.3 Water Quality Treatment Standard**

Macomb Intermediate School District and Nested MS4s’ goal is to include water quality treatment volume standards for each new construction or redevelopment project where the area of development or redevelopment exceeds one (1) acre. One or more of the following treatment standards will be included as part:

- 1) Treat the first one inch of runoff from the entire site, or
- 2) Treat the runoff generated from ninety percent (90%) of all runoff-producing storms for the project site.

The source of the rainfall data for the water quality treatment standard of requiring the treatment of the runoff generated from the ninety percent (90%) of all runoff-producing storms is:

- The EGLE memo dated March 24, 2006, which is available via the internet at [http://www.michigan.gov/documents/deq/wrd-hsu-ninety-percent\\_557709\\_7.pdf](http://www.michigan.gov/documents/deq/wrd-hsu-ninety-percent_557709_7.pdf)

Treatment methods shall be designed on a site-specific basis to achieve the following:

1. A minimum of eighty percent (80%) removal of total suspended solids (TSS), as compared with uncontrolled runoff, or
2. Discharge concentrations of TSS not to exceed 80 milligrams per liter (80mg/L).

A minimum treatment volume standard is not required where site conditions are such that TSS concentrations in storm water discharges will not exceed 80mg/L.

Treatment methods shall be designed on a site-specific basis to reduce the discharge of sedimentation or TSS from the site. Such methods may include:

1. Standpipe filters in storm water detention basins
2. Sediment filter tanks
3. Catch basin sumps
4. Aqua-Swirls®
5. Treatment trains
6. Rain Gardens
7. Pervious pavement systems

#### **2.5.4 Channel Protection Performance Standard**

Macomb Intermediate School District and Nested MS4s understand that channel protection criteria are necessary to maintain post-development stormwater runoff volumes and peak flow rates at or below existing levels for all storms up to the 2-year, 24-hour event. "Existing Levels" means the runoff volume and peak flow rate for the last land use prior to the planned new development or redevelopment. More restrictive channel protection criteria may be utilized on a case-by-case basis, as appropriate.

#### **Rainfall Data**

The rainfall data for calculating runoff volume and peak flow rate shall be the Rainfall Frequency Atlas of the Midwest, 1992 [National Oceanic & Atmospheric Administration (NOAA) - Huff & Angel].

#### **2.5.5 Site-Specific Requirements**

Because each site has its' own special circumstances and conditions, the following BMPs will be considered as appropriate according to site conditions:

- Reduce runoff from the site to greatest extent possible (provide holding basins, divert water through grassed swales).
- Prevent spills and discharges.
- Control waste such as building materials, concrete washout, chemicals, litter, and sanitary waste.
- Phasing will be considered to limit the amount of exposed soil.
- Interim soils stabilization methods are to be considered (temporary seeding, mulching etc.).
- Buffer preservation (avoid exposing soils to property limits).
- Inspection staff will be trained in the proper maintenance and operation of Soil Erosion and Silt Prevention measures.

Construction plans will be reviewed for sites with known soil and/or groundwater contamination, including potential "hot spots" and evaluate the use of infiltration BMPs to meet water quality treatment and channel protection criteria to ensure that infiltration BMPs do not exacerbate existing conditions. Hot spots include areas with the potential for

significant pollutant loading such as vehicle service and maintenance facilities, vehicle equipment cleaning facilities, fleet storage areas for buses, and outdoor liquid container storage.

Additional water quality standards or pretreatment measures may be required in addition to those included in the water quality criteria in order to remove potential pollutant loadings from entering either groundwater or surface water systems.

Pretreatment measures include:

Stormwater Hot Spots	Minimum Pre-Treatment Options
<b>Vehicle service and maintenance facilities</b>	1. Oil/Water Separators/Hydrodynamic Devices 2. Use of Drip Pans and/or Dry Sweep Material under Vehicles/Equipment 3. Use of Absorbent Devices to Reduce Liquid Releases 4. Spill Prevention Response Program
<b>Fleet storage areas for buses</b>	BMPs that are part of a Stormwater Pollution Prevention Plan (SWPPP)
<b>Vehicle Fueling Stations</b>	1. Oil/Water Separators/Hydrodynamic Devices 2. Water Quality Inserts for Inlets 3. Spill Prevention Response Program
<b>Vehicle equipment cleaning facilities</b>	BMPs that are part of a Stormwater Pollution Prevention Plan (SWPPP)
<b>Outdoor liquid container storage</b>	Spill Prevention Response Program

### **2.5.6 Site Plan Review**

This policy is to establish a requirement to submit a site plan for review as required by the EGLE NPDES Stormwater Discharge Permit and ensure that water quality objectives, erosion and sediment control requirements, and BMP maintenance are considered to the maximum extent practicable.

Macomb Intermediate School District and Nested MS4s shall evaluate proposed construction activities to determine:

- If the activity meets the criteria of a development or redevelopment project with an earth disturbance greater than or equal to 1 acre, or part of a common plan of development resulting in a development or redevelopment activity greater than or equal to 1 acre in size.
- Does the development or redevelopment project discharge to the waters of the state, or to a county, city, or township MS4.

If the development or redevelopment project discharges directly to waters of the state, Macomb Intermediate School District and Nested MS4s shall comply with the post-construction standards outlined in this SWMP.

If the development or redevelopment project discharges to a regulated county, city, or township MS4, Macomb Intermediate School District and Nested MS4s shall submit the site plan for review and approval. Site plan approval by the county, city, or township of an equivalent post-construction standard ensures acceptable compliance with

the Macomb Intermediate School District NPDES MS4 Stormwater Discharge Permit. Macomb Intermediate School District and Nested MS4s shall obtain and maintain a copy of the site plan approval document.

If the development or redevelopment project discharges to a county, city, or township MS4 that is not regulated or require site plan review, Macomb Intermediate School District and Nested MS4s shall comply with the post-construction standards outlined in this SWMP.

### **2.5.7 Long-Term Operation & Maintenance of Stormwater Controls**

Ongoing operation and maintenance of the stormwater BMPs is a critical component of the Stormwater Management Plan. All structural and vegetative stormwater control measures installed as a requirement under this section of the permit shall include guidance for maintaining maximum design performance through long-term operation and maintenance.

- Update and revise the stormwater structural controls on facility site diagrams as identified during scheduled inspections or within 30 days following the completion of a new facility or reconstruction/redevelopment site project.
- Follow long-term guidance for inspection and operation to maintain maximum design performance.
- Stormwater runoff facilities shall be maintained in good condition, in accordance with the approved storm water plan.

Trained staff or certified contractors will conduct routine inspection of all identified structural controls and complete maintenance, repair, or replacement, as necessary.

**2.5.8 Post Construction Stormwater Management-BMP Table**

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.5.8.1 Regulatory Mechanism</b>	Develop and implement regulatory mechanisms to address post-construction stormwater runoff for new development and redevelopment projects, including preventing or minimizing water quality impact.	Post-Construction Policy & Procedure Developed and Board Resolution Passed between November 2022 & March 2023	Post-Construction Policy & Procedure developed, and Board Resolution reviewed and approved by the school board.	Copy of the Post-Construction Policy and Procedure and the Approved Board Resolution	Macomb Intermediate School District & Nested MS4s
	Develop and implement regulatory mechanisms for projects that disturb one or more acre, including projects less than an acre that are part of a larger common plan of development or sale and discharge into the applicants MS4.				
<b>BMP #2.5.8.2 Post Construction Standards</b>	Ensure post-construction channel protection standards and water quality treatment standards are met.	As necessary Throughout Permit Cycle	All development or redevelopment projects meet water quality and channel protection standards outlined in the districts SWMP or meet an equivalent post-construction standard for the township, city, or county.	Copy of calculations.	Macomb Intermediate School District & Nested MS4s
<b>BMP #2.5.8.3 Site Specific</b>	Macomb Intermediate School District will review construction plans for sites with known soil and/or groundwater contamination, including potential “hot spots” and evaluate the use of infiltration BMPs to meet water quality treatment and channel protection criteria.	As necessary Throughout Permit Cycle	Reduce or eliminate discharge of pollutants during construction on contaminated sites.	Documentation of additional stormwater controls.	Macomb Intermediate School District & Nested MS4s

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<p><b>BMP #2.5.8.4 Site Plan Review</b></p>	<p>Prepare and submit a written application, including site plan for construction of storm water management systems for all new construction or redevelopment projects where the area of development or redevelopment exceeds one (1) acre.</p>	<p>As necessary Throughout Permit Cycle</p>	<p>If the development or redevelopment project discharges to a regulated county, city, or township MS4, the district shall submit the site plan for review and approval. Site plan approval by the county, city, or township of an equivalent post-construction standard ensures acceptable compliance with the districts NPDES MS4 Stormwater Discharge Permit.</p>	<p>Obtain and maintain a copy of the site plan approval document and copy of calculations.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
			<p>If the development or redevelopment project discharges directly to the waters of the state, the district shall comply with the post-construction standards outlined in this SWMP.</p> <p>If the development or redevelopment project discharges to a county, city, or township MS4 that is not regulated or does not require a site plan review, Macomb Intermediate School District shall comply with the post-construction standards outlined in this SWMP.</p>	<p>Copy of calculations.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
<p><b>BMP #2.5.8.5 Long-Term Operation &amp; Maintenance of Stormwater Controls</b></p>	<p>All structural and vegetative stormwater control measures installed as a requirement under this section of the permit shall include guidance for maintaining maximum design performance through long-term operation and maintenance.</p>	<p>Within 30 days of the completion a new facility or reconstruction/redevelopment site project.  Throughout Permit Cycle</p>	<p>Follow long-term guidance for inspection and operation to maintain maximum design performance.</p> <p>Stormwater runoff facilities shall be maintained in good condition, in accordance with the approved storm water plan.</p>	<p>All storm sewer site maps updated. Maintain all inspection, maintenance, and repair reports conducted by staff or contractors.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>



## **2.6 Pollution Prevention & Good Housekeeping Program**

Develop, implement, and ensure compliance through a program of operation & maintenance of BMPs, with the ultimate goal of preventing or reducing pollutant runoff to the maximum extent practicable from operation that discharge stormwater to surface waters of the state.

### **2.6.1 Pollution Prevention & Good Housekeeping Program Objectives**

- a. Maintain an up-to-date inventory of owned facilities and stormwater structural controls.
- b. Procedure for updating and revising inventory of stormwater structural controls.
- c. Procedure for assessing each facility for the potential to discharge pollutants.
- d. Develop an SOP (SWPPP) for all facilities with a high potential for pollutant runoff.
- e. Procedure identifying BMPs currently implemented or to be implemented to prevent or reduce pollutant runoff at each facility with medium and lower potential to discharge.
- f. Procedure for prioritizing of catch basins/manholes for maintenance and cleaning.
- g. Schedule for routine catch basin/manhole inspection, maintenance, and cleaning.
- h. Provide the geographic location of stormwater structures.
- i. Procedure for dewatering, storage and disposal of materials extracted from storm sewer cleaning.
- j. Procedure for inspecting and maintaining storm water controls.
- k. Procedure for new structural controls to be designed and implemented in accordance with post-construction stormwater runoff control performance standards.
- l. Best management practices for operation and maintenance activities.
- m. Procedure for street sweeping.
- n. Procedure for pesticide application.
- o. Training.
- p. Contractor requirements and oversight.

It is the ultimate goal of Macomb Intermediate School District and Nested MS4s to prevent and reduce pollutant/contaminant runoff from Macomb Intermediate School District facilities and Nested MS4 facilities to the maximum extent practicable. All BMPs are implemented at all low, medium, and high priority facilities.

### **2.6.2 Structural Control Inventory & Schedule Table**

No prioritization will be needed, as all structures are to be inspected and maintained equally. All structural controls will have routine inspection, maintenance schedules, and long-term procedures which adequately control, to the maximum extent practicable, pollution removal and control. Structural control effectiveness will be determined based on the results of these inspections and repaired, upgraded, or replaced as indicated.

The structural Control Inventory and Schedule Table for each property are in Appendix F.

### **2.6.3 Facility Assessment & Prioritization**

Macomb Intermediate School District has identified all applicant owned facilities with a discharge of stormwater to surface waters of the state, and during mapping of each facility, inventoried the number of stormwater structural controls (i.e., catch basins, detention basins, etc.) at each site. Each location was assessed to determine high, medium, and low potential to discharge pollutants to surface waters of the state.

Macomb Intermediate School District and Nested MS4s considered the following when assessing each facility:

- Absence of any factors,

- Presence of urban pollutants stored at the site (i.e., sediment, nutrients, metals, hydrocarbons, pesticides, fertilizers, herbicides, chlorides, trash, bacteria, or other site-specific pollutants,
- Identification of improperly stored materials,
- Potential for polluting activities to be conducted outside (i.e., vehicle washing),
- Proximity to water bodies,
- Poor housekeeping practices,
- Discharge of pollutants of concern to impaired waters.

For Macomb Intermediate School District and applicable Nested MS4 facilities that have a high potential to discharge pollutants to surface waters of the state, a Stormwater Pollution Prevention Plan (SWPPP) and/or Pollution Incident Prevention Plan (PIPP) for salt storage facilities will continue to be implemented.

BMPs currently implemented by Macomb Intermediate School District and Nested MS4s at facilities with medium and lower potential for the discharge of pollutants to surface waters of the state include:

1. Good housekeeping practices,
2. Employee training,
3. Routine visual inspections,
4. Spill prevention and response.

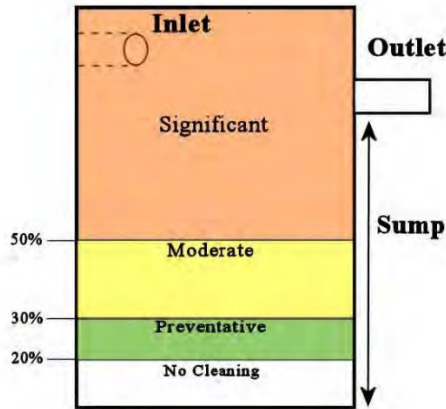
This inventory will be updated as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the applicant following routine inspections or following new construction or redevelopment projects. Priority level assessments will be revised within 30 days following the completion of a new facility or reconstruction/redevelopment.

#### **2.6.4 Storm Sewer Structure Controls Inspection & Maintenance Policy & Procedure**

1. Develop a schedule for inspecting and maintaining catch basins and stormwater controls at each facility, for the reduction of pollutant runoff. A schedule is included in Appendix F.
2. Visually inspect all stormwater controls identified on facility maps. Inspection includes:
  - a. Structural integrity of the structure.
    - Areas of significant cracking or sinkholes.
  - b. Sediment build-up.
    - Areas with high amounts of build-up sediment. A build-up of accumulated solid material that is greater than or equal to the one-third guideline established by the EPA or between 30 and 50% of the total sump depth, as established by the EGLE<sup>3</sup>.

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<sup>3</sup> Michigan Department of Environment, Great Lakes, and Energy EGLE NPS BMP Manual – Catch Basins



- c. Color, odor, sheen, and flow.
- d. Overall functionality and presence of erosion.
- e. Pond evaluation.
3. Note inspection information on the inspection form. A copy of the inspection form “Structural BMP Table” is located in Appendix E.
4. When inspecting stormwater controls, review the site for non-structural BMPs currently implemented to prevent or reduce pollutant runoff at each facility. BMPs include:
  - a. Review of catch basins/manholes cleaned.
  - b. Dumpster good housekeeping practices.
  - c. Garden, green space and signage inventories.
  - d. “SEMCOG” poster placement at facilities.
  - e. Illicit discharge reporting numbers poster placement at facilities.
  - f. “How to spot illicit discharge/ How to Report-Hotline Numbers” poster placement at facilities.
  - g. Spill kit availability at facilities.
5. Following the inspection, the stormwater controls will be prioritized for cleaning and maintenance in a timely manner. Prioritize locations based on the following:
  - Drainage structures that are designated as consistently generating the highest volumes of trash and/or debris.
  - Areas with high amounts of build-up sediment. Refer to number 2 (b) above.
  - Areas of significant erosion.
  - Areas of significant cracking or sinkholes.
6. Once the inspection is complete, the stormwater manager or designated person will review the report and determine if a work order or other item is needed to work with relevant departments or contractors to fix any problems.
7. If an illicit discharge is suspected, follow the procedure outlined in Section 2.3 Illicit Discharge Elimination Program.
8. Retain inspection forms for each stormwater structural control inspected.
9. Retain documentation regarding the scheduling or completion of the repair/maintenance if completed.
10. Debris and maintenance waste removed as part of the maintenance and/or repairs shall be disposed of in accordance with the Structural BMP Operation & Maintenance Waste Disposal procedures.

Furthermore, staff members conducting maintenance and grounds activities are provided IDEP and pollution prevention/good housekeeping training. All structural controls will have routine inspection, maintenance schedules, and long-term procedures which adequately control, to the maximum extent practicable, pollution removal and control. Structural control effectiveness will be determined based on the results of these inspections and repaired,

upgraded, or replaced as indicated. This procedure will be reviewed on an annual basis and updated as needed or 30 days following the implementation of a new stormwater structural control.

### **2.6.5 Structural BMP Operation & Maintenance Waste Disposal Procedures**

Waste materials generated from operation, maintenance, and cleaning activities associated with storm sewer systems have typically been discharged back into the storm sewer system. This type of discharge is unauthorized per Part 31, Water Resources Protection (Part 31) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) and is therefore illegal. The combined solid and liquid waste stream (solid/liquid waste) from cleaning storm sewer systems is legally defined as “Liquid Industrial By-products” pursuant to Part 121, Liquid Industrial By-products (Part 121) of NREPA.

Macomb Intermediate School District and Nested MS4s will ensure that all waste materials generated during operation and maintenance of structural stormwater controls are properly characterized, transported, and disposed as required under State of Michigan PA 451 Part 111 (hazardous wastes), Part 121 (liquid industrial by-products), and Part 115 (solid wastes). At a minimum, the following procedures will be implemented for waste generated from cleaning or maintaining storm sewer structural controls.

#### **Waste Disposal Methods for Non-Contaminated Materials**

Non-contaminated waste materials generated during cleaning or maintenance of storm sewer structures will be properly disposed using one of the following methods:

1. Have the waste transported to drying beds to separate the solid/liquid waste. This is usually performed at a publicly owned treatment plant or at a privately-owned permitted facility where the liquid portion of the waste stream is separated from the solids and treated prior to discharge. Once dry, the solids should be disposed in a licensed solid waste landfill in accordance with Part 115 of PA 451 (NREPA).
2. Request permission from the local wastewater treatment plant operator to discharge the combined solid/liquid waste into the sanitary system. Most treatment plants will require pre-treatment prior to discharge. All applicable local ordinance provisions must be followed.
3. When conducting catch basin maintenance activities where the above options are not available, the following methods can be used after the water in the sump is confirmed to be non-contaminated:
  - Conduct visual inspection to ensure the water in the sump has not been contaminated. If necessary, collect a grab sample of the water and look for signs of contamination such as visible sheen, discoloration, obvious odor, etc. If contamination is expected based on visual inspection, a grab sample should be collected and analyzed before handling the materials and generating waste. While waiting for sample analysis, efforts should be taken to prevent stormwater from entering the storm sewer system.
  - Using a sump pump, or any other pumping mechanism, remove the majority of water in the sump of the basin without disturbing the solid material below. Do not use pumps connected to the vacuum truck’s holding tank.
  - The clear water may then be directly discharged to one of the following:
    - Municipal sanitary sewer system (with prior approval from local sewer authority).
    - Application to the ground adjacent to the catch basin may be allowed on a site-specific basis. The EGLE Water Resources Division (WRD) Groundwater Discharge Program would need to be contacted to determine if application to the ground adjacent to the catch basin would be allowed and to complete the necessary requirements for that process.

- The remaining liquid/solid in the sump will be collected with a vacuum truck and disposed of off-site in accordance with Part 115 of PA451 (NREPA) or treated as Liquid Industrial By-Products under Part 121.

Macomb Intermediate School District and Nested MS4s do not currently own or operate storm sewer cleaning or transportation equipment. Macomb Intermediate School District and Nested MS4s are responsible for meeting the liquid industrial by-products generator requirements under Part 121, even if the catch basins are cleaned out by a private contractor. If Macomb Intermediate School District and Nested MS4s contract with a private contractor to transport liquids generated from cleaning of catch basins or other structures, that contractor must be registered and permitted to transport liquid industrial by-products under the provisions of the Hazardous Materials Transportation Act, 1998 PA 138, as amended.

### **Waste Disposal Methods for Contaminated Materials**

Waste materials generated during operation and maintenance of storm sewer systems found or suspected to be contaminated with pollutants or hazardous substances will be characterized, packaged, marked, labeled, stored, transported, and disposed as a liquid industrial by-product under Part 121 or Part 115 of PA 451 (NREPA).

### **2.6.6 Pollution Prevention/Good Housekeeping – Municipal Operations & Maintenance Activities**

Macomb Intermediate School District and Nested MS4s recognize the importance of reducing pollutant runoff from maintenance activities. The following procedure will include an assessment of the potential activities for the potential to discharge pollutants. The assessment shall identify the pollutants that could be discharged from the applicable operation and maintenance activity and the BMPs implemented or to be implemented to prevent or reduce pollutant runoff.

#### **PROCEDURE**

Applicable operations and maintenance activities include parking lot and sidewalk maintenance, cold weather operations, vehicle washing, maintenance of vehicles, land disturbance and landscape, and unpaved road maintenance. Bridge maintenance and right-of-way maintenance do not apply to Macomb Intermediate School District or Nested MS4s.

#### **Roadways/Parking Lots**

Maintenance: Pothole, sidewalk, curb, and gutter repair.

Possible Pollutants: Fuel, oil, sediment, concrete.

#### **BMPs to address Pollutants:**

1. Contractors and in-house staff contracted to complete these jobs are informed of stormwater management practices to reduce pollution in stormwater.
2. Avoid mixing excess amounts of fresh concrete or cement.
3. Never dispose of washout into the street, storm drains, ditches, or creeks.
4. Schedule patching, resurfacing and surface sealing during dry weather.
5. If it rains unexpectedly, take appropriate action to prevent pollution of stormwater runoff (e.g., divert runoff around work areas, cover materials).
6. Maintain pollution prevention/good housekeeping practices, which is to remove stockpiles (asphalt materials, sand, etc.) by the end of the day to a covered location. Alternatively, cover the piles if they cannot be moved.

Process for updating assessment: Contractor or project is assessed on an ongoing basis, and problems are addressed when found.

### **Cold Weather Operations**

Maintenance: Plowing, sanding, deicing, snow pile disposal.

Possible Pollutants: Sodium, magnesium, calcium, potassium, chloride, turbidity.

BMPs to address Pollutants:

1. Keep all deicing material covered or in waterproof containers.
2. Prevent deicer drainage to storm sewers.
3. Mechanical removal of as much snow or ice as possible prior to applying deicing chemicals.
4. Proper salt storage management.
5. Maintain application equipment per manufacturer's recommendations. Calibration is not available.

Process for updating assessment: BMPs will be assessed for effectiveness within 30 days following their addition or removal.

A Pollution Incident Prevention Plan (PIPP) has been implemented for the salt storage at the for Macomb Intermediate School District and applicable Nested MS4s. The PIPP is reviewed every three (3) years.

### **Vehicle Washing**

Maintenance: Washing of buses, staff vehicles and maintenance equipment.

Possible Pollutants: Petroleum based wastes, metals, and nutrients.

BMPs to address Pollutants:

1. All vehicle washing and maintenance is to be performed indoors where drains connecting to the sanitary system can receive all waste. The Macomb Intermediate School District has an interior bus wash at the Educational Services Building/Bus Garage Complex. Nested MS4s that have an interior bus wash onsite are identified in the Structural Control Inventory and Schedule Table for each property are in Appendix F.
2. Alternatively, vehicle washing can be performed at a commercial auto wash facility.
3. Alternatively, rinse grass from lawn care equipment on permeable (grassed) areas.
4. School car wash fundraising events will not be permitted on school grounds.

Process for updating assessment: BMPs will be assessed for effectiveness within 30 days following their addition or removal.

### **Vehicle Maintenance**

Possible Pollutants: Petroleum based wastes, metals, and nutrients.

BMPs to address Pollutants:

1. Oil-water separators will be inspected routinely and serviced as necessary to maintain efficiency.
2. All vehicle or equipment maintenance will take place inside or away from storm drains where drains connecting to the sanitary system can receive all waste.
3. Any floor drain suspected of draining to the stormwater system will be dye traced as needed.
4. Recycle used motor oil, diesel oil, other vehicle fluids, and vehicle parts whenever possible.

Process for updating assessment: BMPs will be assessed for effectiveness within 30 days following their addition or removal.

### **Landscaping**

Possible Pollutants: Wood chips, sediment, sand, and compost.

BMPs to address Pollutants:

1. Place temporary stockpiled material away from storm drains, and berm or cover stockpiles to prevent material releases into the storm drain. Alternatively, place stockpiles on permeable (grassed) areas.

2. Proper Storage, handling, and use of pesticides, herbicides, and fertilizers.

Process for updating assessment: BMPs will be assessed for effectiveness within 30 days following their addition or removal.

### **Land Disturbance**

Possible Pollutants: Sediment runoff.

BMPs to address Pollutants:

1. Plan land clearing so soil is not exposed for long periods of time.
2. Place temporary stockpiled material away from storm drains, and berm or cover stockpiles to prevent material releases into the storm drain.
3. Protect against sediment flowing into drains.
4. Install sediment barriers.

Process for updating assessment: BMPs will be assessed for effectiveness within 30 days following their addition or removal.

### **Unpaved Roads & Parking Areas**

Possible Pollutants: Sediment runoff.

BMPs to address Pollutants:

1. Protect against sediment flowing into drains.
2. Install sediment barriers.
3. Maintain unpaved roads and parking lots to reduce dust, raveling, potholes, and depressions.

Process for updating assessment: BMPs will be assessed for effectiveness within 30 days following their addition or removal.

### **ASSESSMENT**

Pollution prevention inspections ensure that these BMPs are carried out properly. Any issues identified during the inspections will be reviewed and addressed by the Stormwater Manager.

## **2.6.7 Street Sweeping Procedure, Prioritization & Schedule**

### **PRIORITIZATION**

The EGLE Stormwater Discharge Permit requires a procedure for prioritizing owned streets, parking lots, and other impervious infrastructure for street sweeping based on the potential to discharge pollutants. Macomb Intermediate School District evaluated each facility for the presence of the following factors:

- Potential for polluting activities to be conducted outside
- Proximity to water bodies
- Traffic volume
- Land use
- Absence of any factors

### **PROCEDURE**

Macomb Intermediate School District and Nested MS4s do not own or operate sweeping equipment. However, Macomb Intermediate School District and Nested MS4s will be proactive and undertake the following activities to

reduce the potential to discharge pollutants to surface waters of the state from parking lots and other impervious infrastructures.

1. Conduct seasonal efforts to remove leaves.
2. Inspect parking lot and street areas.
3. Conduct hand sweeping of debris to prevent accumulated wastes in the spring and the fall.
4. Waste disposal areas will be kept free of litter and debris.
5. Analyze sediment, removed from an inlet cleaning if it is suspected of being contaminated with a hazardous material, prior to disposal. Sediment or materials determined to be hazardous waste will be disposed of in accordance with the Structural BMP Operation & Maintenance Waste Disposal procedures.
6. Contract out street cleaning when appropriate.

This prioritization will be updated as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the applicant following routine inspections, or as traffic volume, land use or sediment and trash accumulation increases.

**PRIORITIZATION LEVELS & SCHEDULE**

All low, medium, and high prioritized parking lots and streets are inspected on the same schedule in an effort to reduce pollutants.

Facility Type	Priority Level of Potential Discharge* (High, Med, Low)	Street Sweeping Schedule
Transportation & Maintenance Type Facilities	High	Monthly Inspections, Hand Sweep as Needed
High School and Middle School Facilities	Medium	Hand Sweeping, Spring and Fall
Elementary Schools	Low	Hand Sweeping, Spring and Fall

\*If required, following inspections indicating higher traffic volume, land use or sediment and trash accumulation at all low, medium, and high prioritized parking lots and streets, the District shall contract a commercial street sweeping company.

**DISPOSAL**

If a commercial street sweeper is contracted to clean a parking lot and street areas for Macomb Intermediate School District and Nested MS4s, the street sweeping activities are subject to the solid waste requirements. Solid waste must be managed under Part 115 requirements. Dispose of solid waste in a licensed landfill. The contractor hired to do the street sweeping is responsible for the proper disposal of the waste material. The contracted sweeping will not be completed when streets are wet, so dewatering of the collected debris will not be required.

**2.6.8 Managing Vegetated Properties**

Macomb Intermediate School District and Nested MS4s have established this policy to prevent or reduce pollutant runoff from vegetated land:



1. Macomb Intermediate School District and Nested MS4s requires all contracted personnel who participate in the application of pesticides, to will be trained and licensed by the State of Michigan under the Commercial Pesticide Application Certification Program for relevant categories as applicable, to prevent or reduce pollutant runoff from vegetated land.
2. Whenever practicable, an integrated pest management technique will be implemented.

### **2.6.9 Contractor Requirements & Oversight**

Macomb Intermediate School District and Nested MS4s require contractors to comply with pollution prevention and good housekeeping BMPs. Macomb Intermediate School District and Nested MS4s will perform the following activities for applicable contractors and projects to comply with all pollution prevention and good housekeeping BMPs as appropriate and comply with pollution as well as provide oversight to ensure compliance:

- Contractor Notification
- Contractor Training
- Pre-project Meeting/Review
- Periodic Inspections

Prior to conducting work, contractors shall be provided a “Stormwater Contractor Oversight Record” form. This will allow the district to review stormwater compliance with contractors hired to perform municipal operation and maintenance activities and to obtain signatures. The “Stormwater Contractor Oversight Record” form is located in Appendix G.

### **2.6.10 Pollution Prevention/Good House Keeping Training**

A training program is an important component to effective pollution prevention. Training is required for all employees whose job responsibilities involve municipal or maintenance activities. Training is discussed in detail in Section 3.0 of this SWMP.

**2.6.11 Pollution Prevention/Good Housekeeping –BMP Table**

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.6.11.1 Structural Control Inventory</b>	Provide an up-to-date inventory of the number of stormwater structural controls for each facility’s (i.e., catch basins, detention ponds). Update facilities potential to discharge pollutants (high, medium, low) following the update.	Updated as needed within 30 days following the completion of a new facility or development/ redevelopment. Ongoing Throughout Permit Cycle	100% of stormwater structural controls are inventoried.	Maintain list of inventories and potential to discharge priority level. Submit updated list with progress report, noting if priority levels have changed.	Macomb Intermediate School District & Nested MS4s
<b>BMP #2.6.11.2 SWPPP development &amp; implementation (SOP)</b>	Develop a “Stormwater Pollution Prevention Plan (SWPPP)” for maintenance, transportation, and storage facilities/Implement policies & procedures.	Developed & Implemented  Ongoing Throughout Permit Cycle	SWPPP completed and 100% of inspections implemented.	Copy of SWPPP and copy of inspections.	Macomb Intermediate School District & Applicable Nested MS4s
<b>BMP #2.6.11.3 Stormwater Structural Control Inspections</b>	Visually inspect stormwater controls identified on facility maps.	Annually Throughout Permit Cycle	Routine schedule implemented and inspections reviewed by stormwater manager.	Maintain inspection forms/reports.	Macomb Intermediate School District & Nested MS4s
<b>BMP #2.6.11.4 Review for BMP’s Implemented</b>	While inspecting stormwater controls, review the site for BMPs currently implemented to prevent or reduce pollutant runoff at each facility, such as storm drain stencils, garden areas, areas cleaned, areas repaired, SEMCOG poster placement, Illicit discharge education posters, and spill kits.	Annually Throughout Permit Cycle	Annual inspections completed and reviewed by stormwater manager.	Documentation of inspection findings (number of posters, number of spill kits, inventory of gardens, pictures of stencils, pictures of spill kits).	Macomb Intermediate School District & Nested MS4s

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<p><b>BMP #2.6.11.5                      Prioritization of Storm Sewer Locations for Maintenance &amp; Cleaning</b></p>	<p>Following the inspection, the stormwater controls will be prioritized for cleaning and maintenance. Prioritize locations based on: (1) drainage structures that are designated as consistently generating the highest volumes of trash and/or debris, (2) areas with high amounts of build-up sediment, (3) areas of significant cracking or sinkholes.</p>	<p>Annually                      Throughout Permit Cycle</p>	<p>Prioritization locations identified.</p>	<p>Copy of prioritization.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
<p><b>BMP #2.6.11.6                      Cleaning &amp; Maintenance (Catch Basin/ Manhole Cleaning)</b></p>	<p>Macomb Intermediate School District will ensure that cleaning of the catch basins/manholes occur, and all waste materials generated during operation and maintenance of structural stormwater controls are properly characterized, transported, and disposed as required under State of Michigan PA 451 Part 111 (hazardous wastes), Part 121 (Liquid Industrial By-Products), and Part 115 (solid wastes).</p>	<p>Once per permit cycle                      Or                      More often if prioritized due to a build-up of accumulated solid material that is greater than or equal to the one-third guideline outlined in the Storm Sewer Structure Controls Inspection &amp; Maintenance Policy &amp; Procedure</p>	<p>Cleaning is completed once per permit cycle or more often if build-up of accumulated solid material reaches the action level per the procedure in section 2.6.4. All waste disposed of as required.</p>	<p>Copies of Waste Manifests.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
<p><b>BMP #2.6.11.7                      Cold Weather Operations</b></p>	<p>Proper salt storage management. Maintain storage bags/equipment in good working condition and maintain application equipment per manufacturer's recommendations.</p>	<p>Ongoing                      Throughout Permit Cycle</p>	<p>Continue proper salt storage and management as previously implemented.</p>	<p>Copy of SWPPP comprehensive inspection report.</p>	<p>Macomb Intermediate School District &amp; Applicable Nested MS4s</p>

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<b>BMP #2.6.11.8 Vehicle Washing</b>	All vehicle washing and maintenance is to be performed indoors where drains connecting to the sanitary system can receive all waste. Alternatively, vehicle washing can be performed at a commercial auto wash facility.	Ongoing Throughout Permit Cycle	100 % of applicable staff trained on were to wash vehicles.	Copy of sign-in sheets and Agenda (if available).	Macomb Intermediate School District & Nested MS4s
	Alternatively, rinse grass from lawn care equipment on permeable (grassed) areas.		100 % of applicable staff trained on were to wash vehicles.	Copy of sign-in sheets and Agenda (if available).	
	School car wash fundraising events will not be permitted on school grounds.		Notice sent to staff regarding policy.	Copy of e-mail or policy.	
<b>BMP #2.6.11.9 Vehicle Maintenance</b>	Any floor drain suspected of draining to the stormwater system will be dye traced as needed.	Throughout Permit Cycle	100% of floor drains inspected.	Copy of inspection report.	Macomb Intermediate School District & Applicable Nested MS4s
	Oil-water separators will be inspected routinely and serviced as necessary to maintain efficiency.	Annually Throughout Permit Cycle	Oil-water separators cleaned and functioning properly.	Copy of invoices or shipping papers.	
	Recycle used motor oil, diesel oil, other vehicle fluids, and vehicle parts whenever possible.	As needed Throughout Permit Cycle	Reduction in amount of disposed material and amount of material shipped for off-site disposal.	Copy of invoices or shipping papers.	
<b>BMP #2.6.11.10 Land Disturbance</b>	Place temporary stockpiled material away from storm drains, and berm or cover stockpiles to prevent material releases into the storm drain. Protect against sediment flowing into drains.	As needed Throughout Permit Cycle	100 % of applicable staff trained.	Copy of sign-in sheets and Agenda (if available).	Macomb Intermediate School District & Nested MS4s

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<p><b>BMP #2.6.11.11 Unpaved Roads &amp; Parking Areas</b></p>	<p>Protect against sediment flowing into drains, install sediment barriers, and maintain unpaved roads and parking lots to reduce dust, raveling, potholes, and depressions.</p>	<p>As needed Throughout Permit Cycle</p>	<p>100 % of applicable staff trained.</p>	<p>Copy of sign-in sheets and Agenda (if available).</p>	<p>Macomb Intermediate School District &amp; Applicable Nested MS4s</p>
<p><b>BMP #2.6.11.12 Street Sweeping</b></p>	<p>Conduct hand sweeping in the parking lots/roadways in the spring and fall.</p>	<p>Spring &amp; Fall Throughout Permit Cycle</p>	<p>Inspections completed.</p>	<p>Copy of work order or schedule.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
<p>Street sweeping conducted by a professional sweeping company.</p>	<p>As needed Throughout Permit Cycle</p>	<p>Copy of invoice or disposal documentation.</p>			
<p><b>BMP #2.6.11.13 Vegetated Properties (Pesticides)</b></p>	<p>Macomb Intermediate School District requires all contracted personnel who participate in the application of pesticides will be trained and licensed by the State of Michigan under the Commercial Pesticide Application Certification Program for relevant categories as applicable, to prevent or reduce pollutant runoff from vegetated land.</p>	<p>Ongoing Throughout Permit Cycle</p>	<p>Application of pesticides will only be completed by trained and licensed applicators.</p>	<p>Documentation of in-house staff license or copy of contractor receipt.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>

BMP	Description of BMP	Timeframe	Measurable Goal	Measure of Assessment	Responsible Party
<p><b>BMP #2.6.11.14 Contractor Oversight</b></p>	<p>Macomb Intermediate School District requires contractors to comply with pollution prevention and good housekeeping BMPs. Macomb Intermediate School District will complete contractor notification, pre-project meeting and periodic inspections to provide oversight to ensure compliance.</p> <p>Prior to conducting work, contractors shall be provided a “Stormwater Contractor Oversight Record” form.</p>	<p>As needed Throughout Permit Cycle</p>	<p>Contractors trained and informed of pollution prevention and good housekeeping techniques.</p>	<p>Copy of sign-in sheets, pre-project meeting notes or inspections.</p>	<p>Macomb Intermediate School District, Nested MS4s, &amp; Contractors/ Vendors</p>
<p><b>BMP #2.6.12.15 Training</b></p>	<p>Pollution prevention and good housekeeping training.</p>	<p>Once per permit cycle or during the 1<sup>st</sup> year of employment Throughout Permit Cycle</p>	<p>Goal of providing training to maintenance staff who work for Macomb Intermediate School District. <b>[All Stormwater Training is outlined in Section 3.0 Training]</b></p>	<p>Copy of sign-in sheets and Agenda (if available).</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
<p><b>BMP #2.6.12.16 Pollution Prevention &amp; Good Housekeeping Activities Effectiveness Review</b></p>	<p>Summary of annual activities for the “Pollution Prevention and Good Housekeeping”.</p>	<p>Annually Throughout Permit Cycle</p>	<p>Annual review of SWMP performed. Maintain copy of SWMP annual review. Determine the level of district involvement and identify areas of improvement.</p>	<p>Maintain copy of SWMP annual review and evaluation information for progress reporting.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>

## 3.0 Training

Macomb Intermediate School District will provide education and training for applicable employees and contractors using a variety of methods depending on their specific job function. At a minimum, all applicable Macomb Intermediate School District employees will be required to have general awareness training on the topics included in the PEP. All applicable Macomb Intermediate School District employees will be required to attend or otherwise obtain general awareness training at least once per permit cycle or during the 1<sup>st</sup> year of employment.

Macomb Intermediate School District has implemented a comprehensive staff training program based on each employee's participation and responsibilities under this program. The employee training program is categorized in four (4) separate levels summarized as follows:

### **LEVEL I TRAINING-General Awareness Training**

Level I training is encouraged for all district employees, parents, and students. General Awareness training is provided in the form of an 11-minute video produced by Arch Environmental Group titled, **"When it Rains, It Drains...The Stormwater Question"**. This video is also available on the stormwater webpage.

### **LEVEL II TRAINING-General Awareness, Pollution Prevention & Good Housekeeping, and Illicit Discharge Reporting**

Level II training is required for all employees whose job responsibilities involve illicit discharge related activities, or indicate a potential to cause, witness, or report an illicit discharge or connection. This training includes the previously described video as well as a review of the district's Stormwater Management Program Plan and instruction on identification and notification of illicit discharges or connections. This training is provided to applicable transportation, maintenance, custodial, and food service employees.

### **LEVEL III TRAINING-Maintenance and Storage Facility Stormwater Pollution Prevention Plans, Lawn Maintenance, and Structural Control Inspection, Maintenance, and Repair Training**

Level III training is provided in the form of videos, PowerPoint presentations, and hands-on training. This training is provided to district supervisors, maintenance, and lawn service staff.

### **LEVEL IV (CONTRACTORS) – Contractor Training/Oversight**

Contractors employed by Macomb Intermediate School District to conduct activities with a potential to impact water quality. Prior to conducting work, contractors shall be provided a "Stormwater Contractor Oversight Record" form.

**3.1 Training Table**

<b>BMP</b>	<b>Description</b>	<b>Measurable Goal</b>	<b>Target Audience</b>	<b>Timeframe</b>
<b>I General Awareness Training</b>	Encourage teachers, administrative and support staff to watch the General Awareness Stormwater Video "When it Rains it Drains".	Maintain on district website and Record attendance with sign-in sheets. Macomb Intermediate School District will retain records of trainings for future review regarding SWMP.	Teachers, administrative and support staff.	Ongoing Throughout Permit Cycle
<b>II IDEP &amp; PPGH Training</b>	General Awareness, Pollution Prevention & Good Housekeeping, and Illicit Discharge Elimination Program	Record attendance with sign-in sheets for each training session. Macomb Intermediate School District will retain records of trainings for future review regarding SWMP.	In-house custodial, maintenance, transportation, and food service employees.	Required once during permit cycle current employees and during the 1 <sup>st</sup> year of employment for new employees. Throughout Permit Cycle
<b>III Routine Storm Sewer Inspection Training</b>	Train appropriate employees on how to conduct a storm sewer system inspection.	Record attendance with sign-in sheets for each training session. Macomb Intermediate School District will retain records of trainings for future review regarding SWMP.	District supervisors, in-house maintenance, and lawn service staff.	As Needed Throughout Permit Cycle
<b>IV Contractor Training/Oversight</b>	Stormwater specific training for on-site contractors.	Utilize a "Stormwater Contractor Oversight Record" form to review stormwater compliance with contractors hired to perform municipal operation and maintenance activities and to obtain signatures.  Obtain records of training for future review of the SWMP.	Contractors employed by Macomb Intermediate School District to conduct activities with a potential to impact water quality.	Required at the time of employment. Throughout Permit Cycle



## 4.0 Total Maximum Daily Load (TMDL) Restrictions

### 4.1 What are TMDLs

When a lake or stream fails to meet federal water quality standards, the Clean Water Act requires that a “Total Maximum Daily Load (TMDL)” limit be developed. Studies are completed to determine the sources impacting the water body and to develop goals so that the water body can meet the applicable standards.

A TMDL describes the process used to determine how much of a particular pollutant a lake or stream can assimilate and sets pollution reduction targets for the water body.

Macomb Intermediate School District will review and prioritize BMPs currently implemented or to be implemented during the permit cycle to make progress toward achieving the pollutant load reduction requirement in each TMDL identified. TMDLs assigned the discharges for Macomb Intermediate School District and Nested MS4s are described in the below sections.

### 4.2 Statewide E. coli TMDL

The Statewide E. coli TMDL was approved by the United States Environmental Protection Agency (USEPA) on July 29, 2019. This TMDL addresses all surface waters (inland lakes, Great Lakes, streams, rivers, wetlands, and beaches) in the state of Michigan that are impaired by E. coli. The goal of the TMDL is to identify problem areas, address sources of E. coli statewide, and provide guidance to restore these waters.

The targets in this TMDL are concentrations of E. coli per 100 milliliters (mL) of water, set equal to Michigan’s Water Quality Standard (WQS) for recreation (described in Section 3). This target is easier to understand and communicate with than a load-based target, which would vary by water body, and is also easier to measure with limited resources.

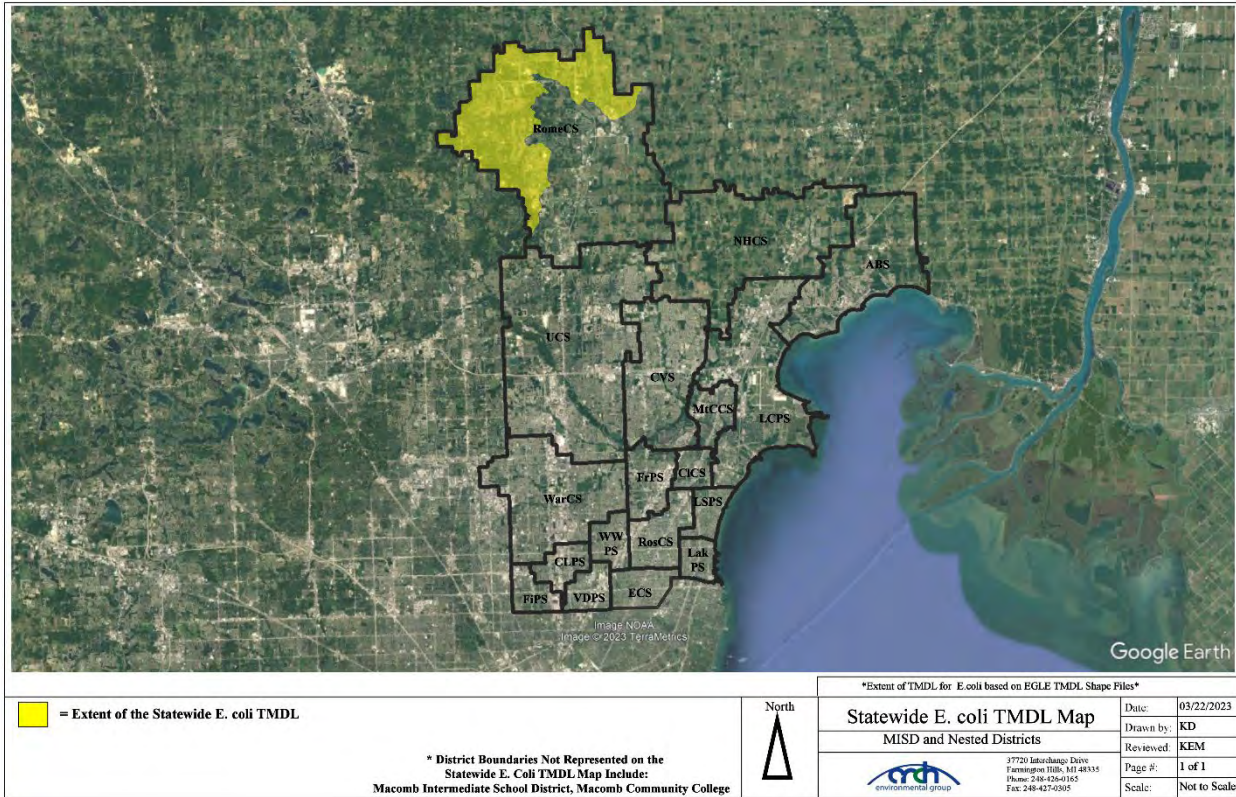
Each District facility was evaluated for the Statewide E. coli TMDL applicability using the Michigan Department of Environment, Great Lakes, and Energy TMDL Watershed Screening Tool. The following Macomb Intermediate School District Nested MS4 discharges stormwater either directly or indirectly to watersheds included within the Statewide TMDL boundaries as identified in Map 3 below:

1. Romeo Community Schools

#### Map 3 – Total Maximum Daily Load Map<sup>4</sup>

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<sup>4</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.



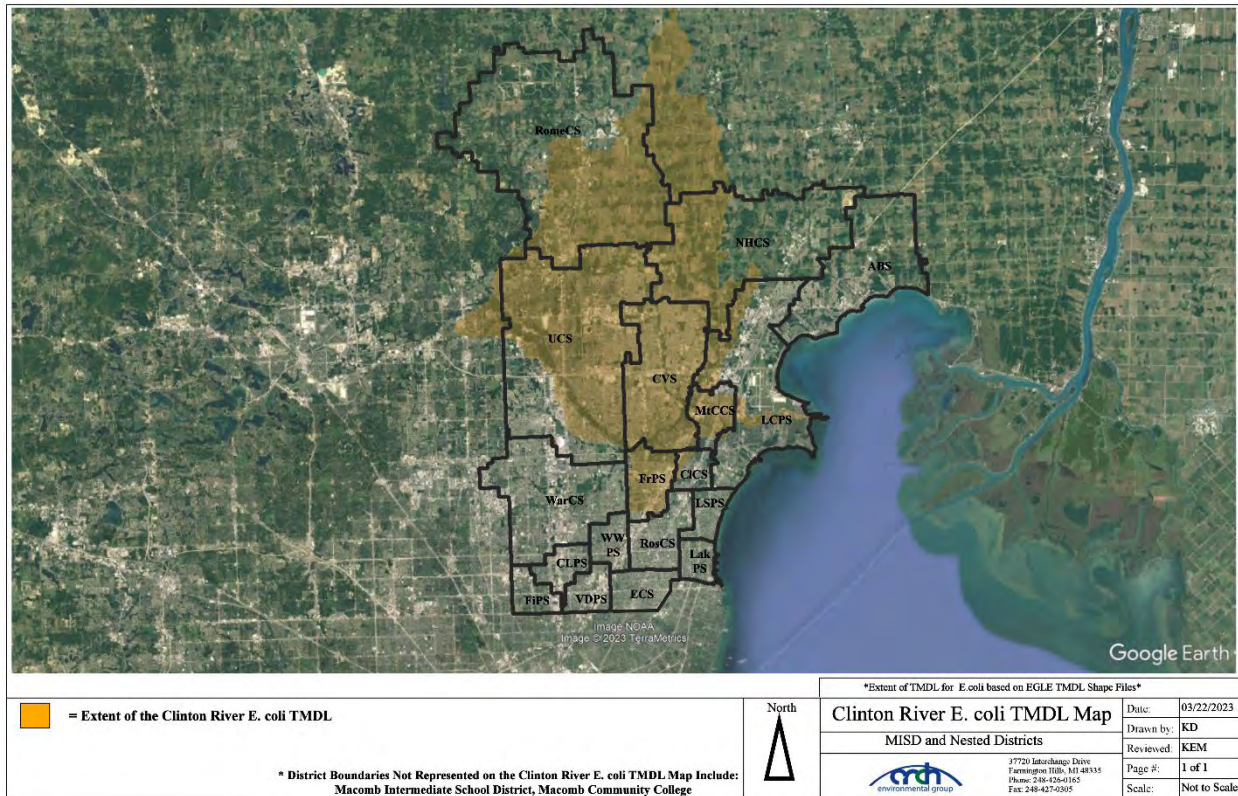
### 4.3 Clinton River TMDL

The Clinton River was placed on Section 303(b) placed on the Section 303(d) list due to impairment of recreational uses as indicated by the presence of elevated levels of **E. coli**. Illicit connections and surface runoff are most likely the significant sources of E. coli in the Clinton River watershed. Illicit connections can be a source of E. coli during both wet and dry weather. The watershed is entirely within a highly populated urban area.

The following Macomb Intermediate School District & Nested MS4s discharge stormwater either directly or indirectly within the Clinton River TMDL boundaries as identified in Map 4 below:

1. Chippewa Valley Schools
2. Clintondale Community Schools
3. Fraser Public Schools
4. Macomb Community College
5. Macomb Intermediate School District
6. Mount Clemons Community Schools
7. L'Anse Creuse Public Schools
8. Romeo Community Schools
9. Utica Community Schools

Map 4 – Total Maximum Daily Load Map<sup>5</sup>



**4.4 Red Run Drain & Bear Creek TMDL**

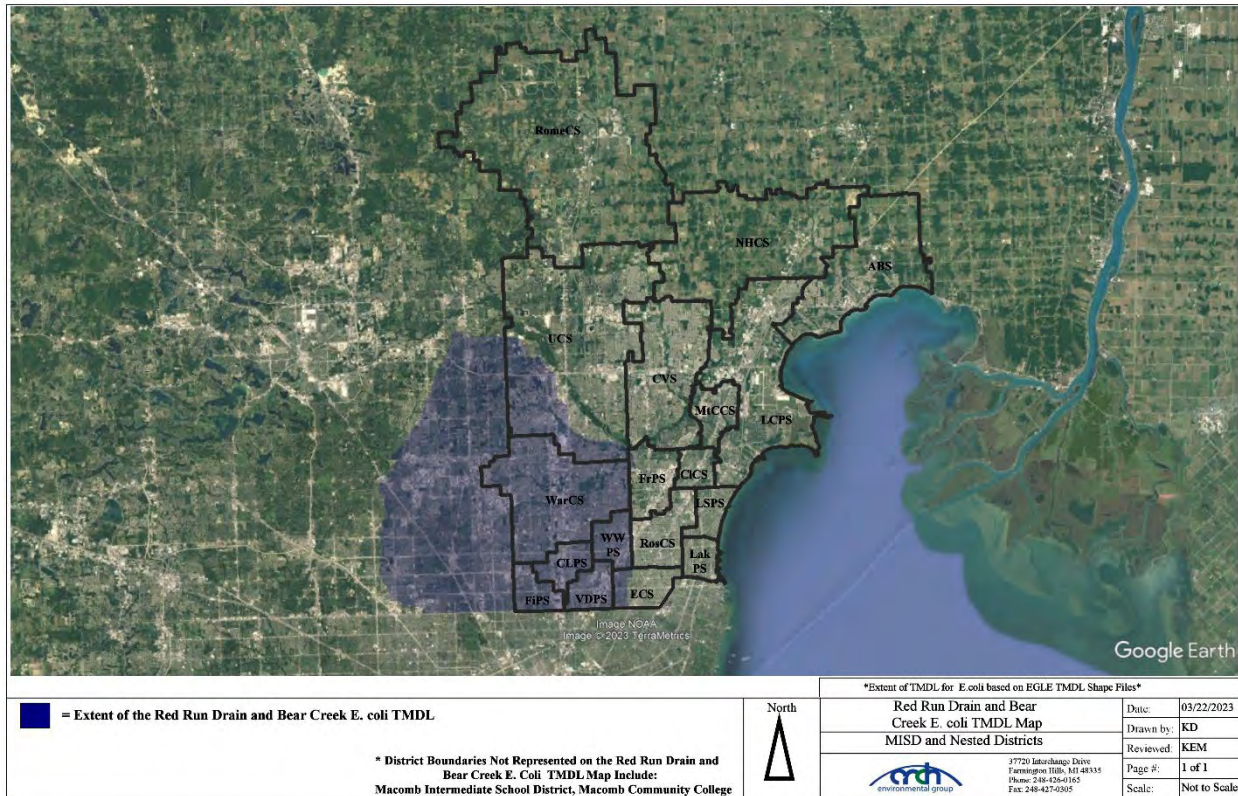
The Red Run Drain & Bear Creek were placed on Section 303(b) placed on the Section 303(d) list due to impairment of recreational uses as indicated by the presence of elevated levels of **E. coli**. Illicit connections, wildlife and/or pet waste, Combined Sewer Overflows (CSO), and nonpoint source run off are the most likely source of E. coli in the Red Run Drain watershed. Illicit connections can be a source of E. coli during both wet and dry weather. The watershed is entirely within a highly populated urban area.

The following Macomb Intermediate School District & Nested MS4s discharge stormwater either directly or indirectly within the Red Run Drain & Bear Creek TMDL boundaries as identified in Map 5 below:

1. Center Line Public Schools
2. Macomb Community College
3. Macomb Intermediate School District
4. Utica Community Schools
5. Van Dyke Public Schools
6. Warren Consolidated Schools
7. Warren Woods Public Schools

<sup>5</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.

Map 5 – Total Maximum Daily Load Map<sup>6</sup>



**4.5 Lake St. Clair Metropolitan & Memorial Beaches TMDL**

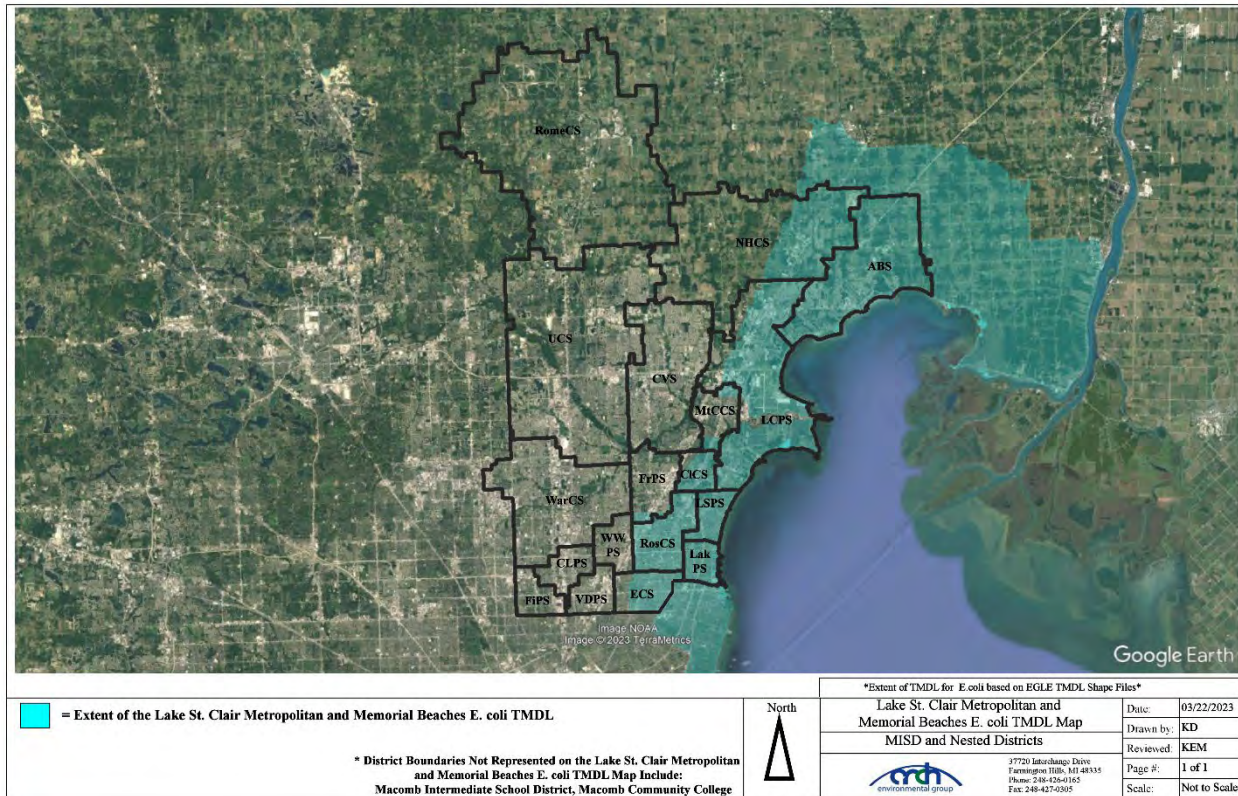
The Lake St. Clair Metropolitan & Memorial Beaches were placed on Section 303(b) placed on the Section 303(d) list due to impairment of recreational uses as indicated by the presence of elevated levels of **E. coli**. Illicit connections, wildlife and/or pet waste, Combined Sewer Overflows (CSO), Sanitary Sewer Overflows (SSOs), and failing septic systems are the most likely sources of E. coli. Illicit connections can be a source of E. coli during both wet and dry weather. The watershed is predominately within a highly populated urban area.

The following Macomb Intermediate School District & Nested MS4s discharge stormwater either directly or indirectly within the Lake St. Clair Metropolitan & Memorial Beaches TMDL boundaries as identified in Map 6 below:

1. Anchor Bay Schools
2. Clintondale Community Schools
3. Eastpointe Community Schools
4. L'Anse Creuse Public Schools
5. Lakeview Public Schools
6. Lake Shore Public Schools
7. Macomb Intermediate School District
8. Mount Clemons Community Schools
9. Roseville Community Schools

<sup>6</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.

Map 6 – Total Maximum Daily Load Map<sup>7</sup>



**4.6 Salt River TMDL**

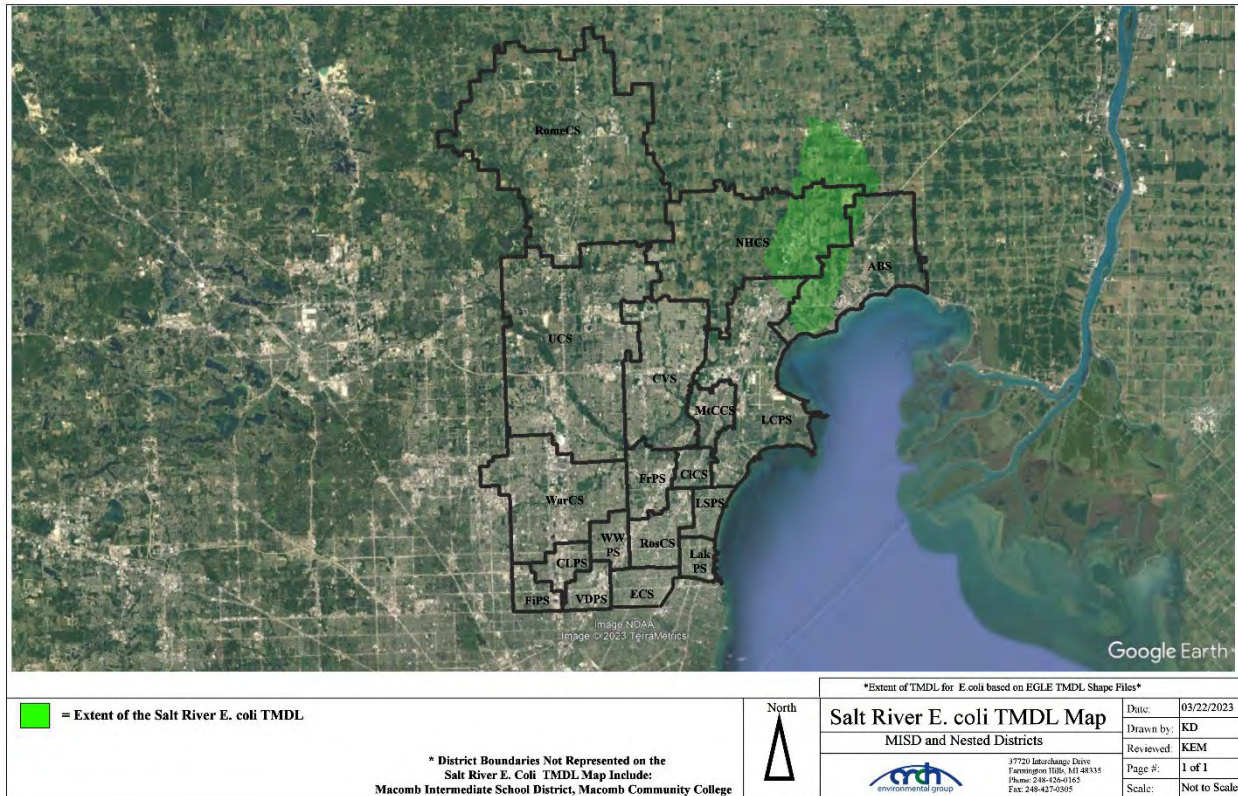
The Salt River was placed on Section 303(b) placed on the Section 303(d) list due to impairment of recreational uses as indicated by the presence of elevated levels of **E. coli**. Agricultural runoff, illicit connections, failing septic systems, and pet and/or wildlife wastes are possible sources of E. coli.

The following Macomb Intermediate School District & Nested MS4s discharge stormwater either directly or indirectly within the Salt River TMDL boundaries as identified in Map 7 below:

1. Anchor Bay Schools
2. New Haven Community Schools

<sup>7</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.

Map 7 – Total Maximum Daily Load Map<sup>8</sup>



**4.7 Crapaud Creek TMDL**

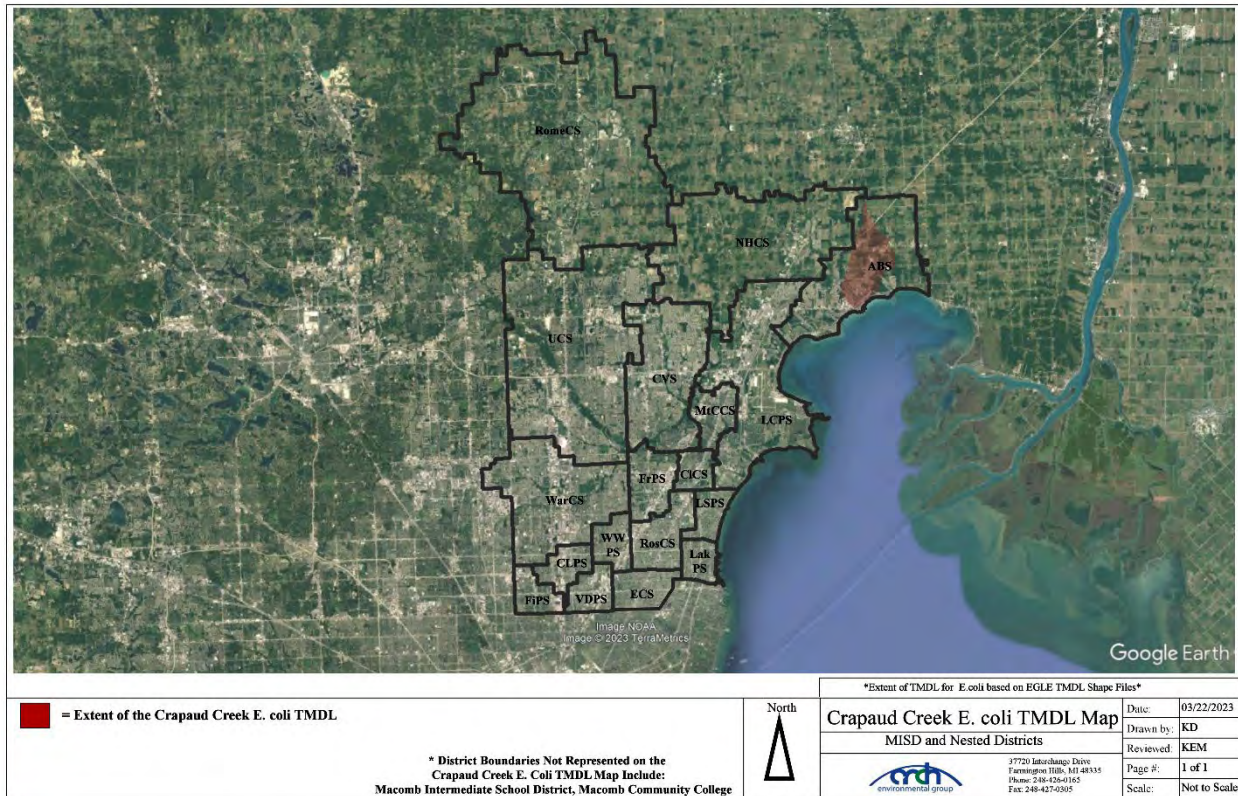
The Crapaud Creek was placed on Section 303(b) placed on the Section 303(d) list due to impairment of recreational uses as indicated by the presence of elevated levels of **E. coli**. Illicit connections, urban runoff, agricultural runoff, and wildlife and/or pet waste are the most likely source of E. coli. Illicit connections can be a source of E. coli during both wet and dry weather. The watershed predominately lies within New Baltimore, which is an urban area.

The following Macomb Intermediate School District & Nested MS4s discharge stormwater either directly or indirectly within the Crapaud Creek TMDL boundaries as identified in Map 8 below:

1. Anchor Bay Schools

<sup>8</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.

Map 8 – Total Maximum Daily Load Map<sup>9</sup>



Add in the Generic Clinton River Screen Shot, not a new map.

**4.8 East Pond Creek TMDL**

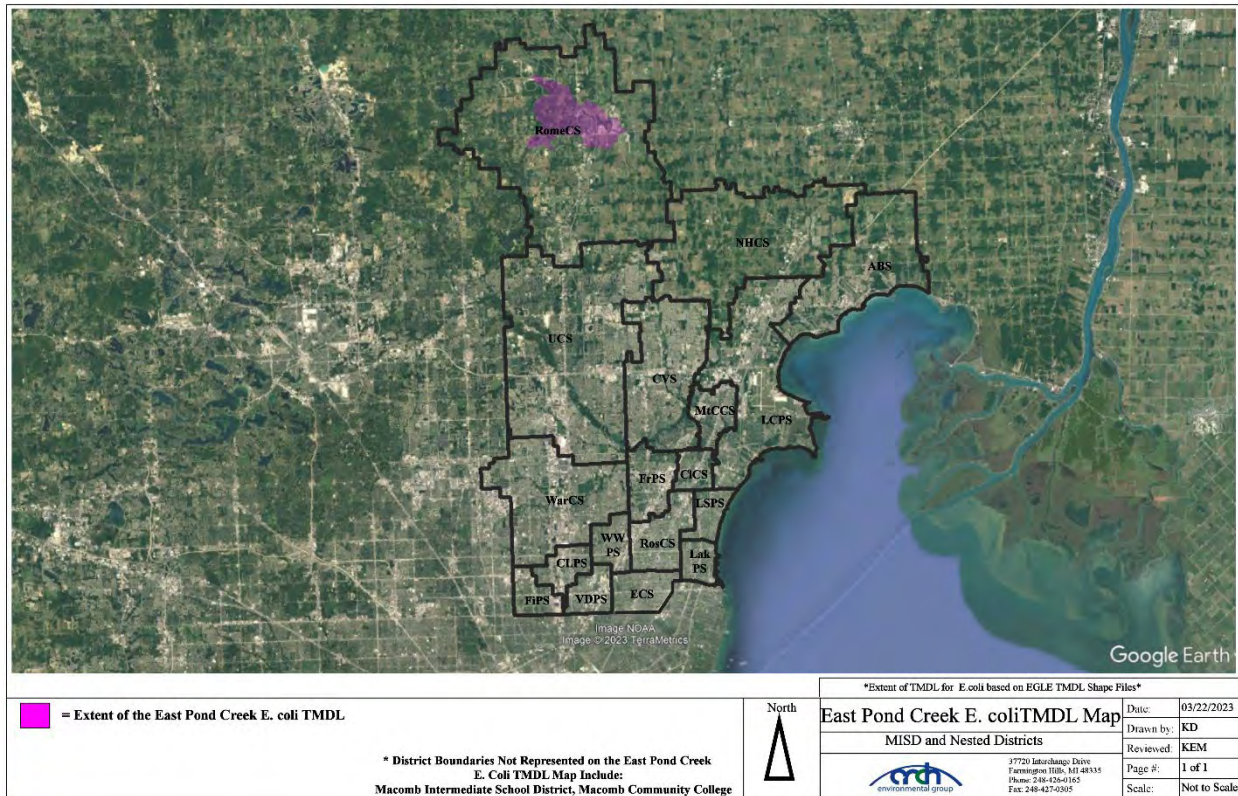
East Pond Creek was placed on Section 303(b) placed on the Section 303(d) list due to impairment of recreational uses as indicated by the presence of elevated levels of *E. coli*. Agricultural runoff, illicit connections, urban runoff, failing septic systems, and pet and/or wildlife wastes are possible sources of *E. coli*.

The following Macomb Intermediate School District & Nested MS4s discharge stormwater either directly or indirectly within the East Pond Creek TMDL boundaries as identified in Map 9 below:

1. Romeo Community Schools

<sup>9</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.

Map 9 – Total Maximum Daily Load Map<sup>10</sup>



**4.9 TMDL Implementation – Monitoring Plan**

**4.9.1 Sampling**

1. The Part 4 Water Quality Standards for E. coli is 1,000 counts per 100 ml for outfall monitoring. If the monitoring results conducted in the initial round of TMDL monitoring identify that the districts are implementing are effective at making progress toward achieving the TMDL pollutant load reduction requirement, then a second round of monitoring (within the same permit cycle) is not required.
2. If a TMDL is being attained outfall discharge point monitoring will not be conducted.

**4.9.2 Prioritized TMDL Best Management Practices**

Below lists stormwater BMPs that are targeted to improve water quality impairments associated by the TMDL.

**E. COLI**

1. Macomb Intermediate School District and Nested MS4s will use its website to provide the public with information regarding pet waste (SEMCOG links). Additionally, SEMCOG pet waste posters are placed at various school buildings.
2. Macomb Intermediate School District and Nested MS4s will prohibit illicit discharges, inspect, and monitor suspected illicit discharges, and enforce elimination of the illicit discharges and connections.

<sup>10</sup> Total maximum daily load boundaries based on Michigan Department of Environment, Great Lakes, and Energy Shapefiles.



3. Macomb Intermediate School District and Nested MS4s has reviewed all facilities for cross-connections between the sanitary and storm sewer systems.
4. Macomb Intermediate School District and Nested MS4s will conduct hand sweeping in the parking lots/roadways in the spring and fall.
5. Macomb Intermediate School District and Nested MS4s have established programs for soil erosion and sediment control from new or redevelopment construction. Such developments require permits and inspections for practices to keep exposed soils on site or controlled from runoff.
6. Macomb Intermediate School District and Nested MS4s have implemented routine visual inspections of stormwater structural controls.
7. Macomb Intermediate School District and Nested MS4s will remove excessive sediments from structural sediment removal systems to maintain the maximum designed performance. Sediments will be disposed of offsite in accordance with Parts 115 or 121.

#### **ALL TMDLs**

1. Macomb Intermediate School District and Nested MS4s will continue to use their website to provide the public information regarding local TMDL issues (E. coli TMDL Best Management Practice).
2. Macomb Intermediate School District and Nested MS4s will continue to educate staff, faculty, and students using various venues including the **“Seven Simple Steps to Clean Water”** program educational materials developed by the various watershed groups specifically related to these issues on the stormwater management webpage.
3. The district has implemented an Illicit Discharge Regulatory Policy.
4. The district has implemented a Post-Construction Policy and Procedure.
5. The district has implemented an Enforcement Response Procedure.
6. Adequately maintains vegetation around stormwater facilities, ditches, and ponds.
7. Provide training to applicable staff and confirm training from contractors including restrictions on the use of phosphorous containing fertilizers, soaps, cleaners, and other chemicals that could impact the separate storm drain system.

#### **Procedure**

Prioritization of BMPs is based on Macomb Intermediate School District and Nested MS4s targeted TMDL pollutants. Priority is given to BMPs that reduce E. coli loads. If the monitoring results conducted in the initial round of TMDL monitoring identify that the districts are implementing are effective at making progress toward achieving the TMDL pollutant load reduction requirement, then a second round of monitoring (within the same permit cycle) is not required.

#### **Assessment**

The EGLE Stormwater Discharge Permit Application requires a monitoring plan for assessing the effectiveness of the BMPs currently being implemented, or to be implemented, in making progress toward achieving the TMDL pollutant load reduction requirement. Monitoring shall be specifically for the pollutant identified in the TMDL. Monitoring may include wet weather outfall/discharge point monitoring and dry-weather screening. A summary of the monitoring results and conclusions related to TMDLs will be provided during progress reporting.

Macomb Intermediate School District and Nested MS4s will conduct the following for applicable TMDLs:

1. The goal is to collect samples from at least 50% of the outfall/discharge points at facilities associated with the TMDL. An effort will be made to sample water quality parameters during a representative (i.e., >0.25” and <1.5”) wet weather event over a 24-hour period, and within 30 to 60 minutes of the start of the wet weather event to capture the first flush. Monitoring shall be specifically for the pollutant identified in the TMDL. TMDL Sample locations are included in Appendix H.
2. The results of the sampling will be assessed and summarized in a brief assessment report to be shared with the public if requested.
3. Based on a review of the sampling results, BMP implementation will be reviewed for effectiveness and BMPs may be updated or revised to ensure progress toward achieving TMDL pollutant load reductions.

**4.9.3 TMDL - BMP Table**

<b>BMP</b>	<b>Description of BMP</b>	<b>Timeframe</b>	<b>Measurable Goal</b>	<b>Measure of Assessment</b>	<b>Responsible Party</b>
<p><b>BMP #4.9.3.1 Webpage</b></p>	<p>The District will use its website to provide the public with information regarding pet waste (SEMCOG links). Additionally, SEMCOG pet waste posters are placed at various school buildings.</p>	<p>Ongoing Throughout Permit Cycle</p>	<p>Posters placed throughout Macomb Intermediate School District facilities.</p>	<p>Maintain links on webpage. Maintain copies of webpage review.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
	<p>The District will continue to use its website to provide the public information regarding local TMDL issues (E. coli TMDL Best Management Practice).</p>		<p>Material available on webpages.</p>		
<p><b>BMP #4.9.3.2 Outfall Monitoring</b></p>	<p>Select outfall/discharge points at facilities associated with the TMDL will be monitored. An effort will be made to sample water quality parameters during a representative wet weather event over a 24-hour period, and within 30 to 60 minutes of the start of the wet weather event to capture the first flush. Monitoring shall be specifically for the pollutant identified in the TMDL.</p>	<p>Once per Permit Cycle Throughout Permit Cycle. Second Round as Needed based on Initial Results</p>	<p>The goal is to collect samples from at least 50% of the outfall/points of discharge at facilities associated with the TMDL.</p>	<p>Copy of inspection paperwork and sample results.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>
<p><b>BMP #4.9.3.3 Effectiveness Review</b></p>	<p>The results of the sampling will be assessed for the effectiveness of the BMPs currently being implemented for TMDL pollutant load reduction and summarized in an assessment report.</p>	<p>Once per Permit Cycle Throughout Permit Cycle</p>	<p>Report available for public review if requested.</p>	<p>Assessment report completed.</p>	<p>Macomb Intermediate School District &amp; Nested MS4s</p>

# Appendix A

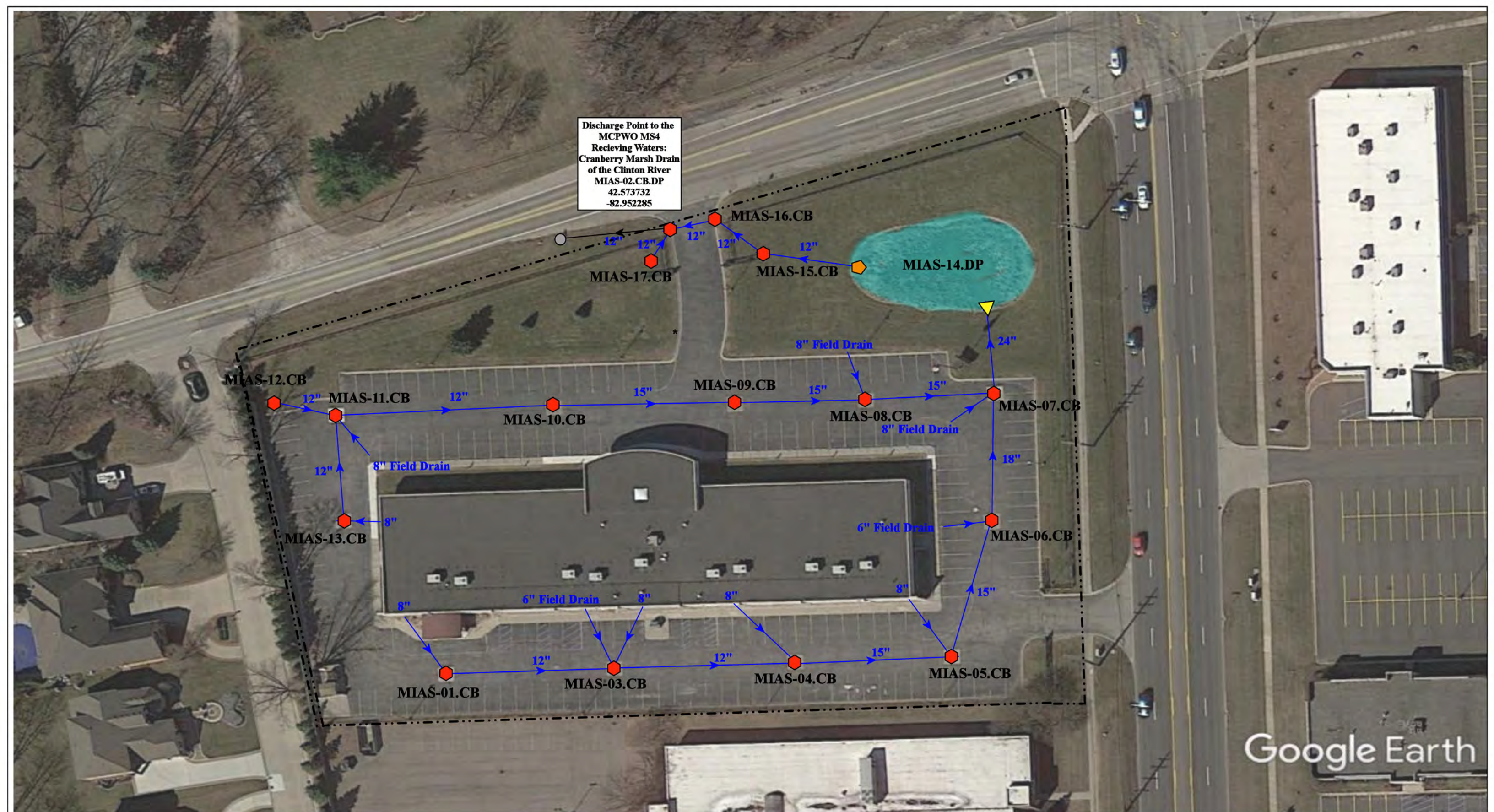
## Outfall/Discharge Point Receiving Water Table & Site Stormwater Structure Maps

## Receiving Waters Table

Macomb Intermediate School District						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
Auxiliary Services Center	MIAS-02.CB.DP	42.573732	-82.952285	MCPWO MS4	Cranberry Marsh Drain	Clinton River
Bozymowski Center for Education	MIBC-01.MH.DP	42.554698	-83.004169	City of Sterling Height MS4	Plum Brook Drain-Red Drun Drain	Clinton River
	MIBC-02.CB.DP	42.555693	-83.004392	City of Sterling Height MS4	Plum Brook Drain-Red Drun Drain	Clinton River
	MIBC-03.MH.DP	42.555958	-83.006142	City of Sterling Height MS4	Plum Brook Drain-Red Drun Drain	Clinton River
Flynn Educational Center	MIFM-01.CB.DP	42.571711	-83.077779	City of Sterling Height MS4	Big Beaver Creek	Clinton River
	MIFM-02.CB.DP	42.571589	-83.079308	City of Sterling Height MS4	Big Beaver Creek	Clinton River
Glen Peters School	MIGP-01.MH.DP	42.640499	-82.913804	Macomb Township MS4	Middle Branch Clinton River	Clinton River
	MIGP-02.OP.DP	42.640665	-82.913762	Macomb Township MS4	Middle Branch Clinton River	Clinton River
	MIGP-03.OP.DP	42.641289	-82.913834	Macomb Township MS4	Middle Branch Clinton River	Clinton River
Keith Bovenschen	MIKB-01.MH.DP	42.486503	-82.996769	City of Warren MS4	Harrington Drain	Clinton River
	MIKB-02.CB.DP	42.485710	-82.996786	City of Warren MS4	Harrington Drain	Clinton River
Lutz School for Work Experience	MILS-01.MH.DP	42.606688	-82.921157	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MILS-02.CB.DP	42.607494	-82.922165	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MILS-03.CB.DP	42.607171	-82.921877	Clinton Township MS4	Middle Branch Clinton River	Clinton River
Maple Lane Elementary School	MIML-01.CB.DP	42.547278	-83.012309	City of Sterling Height MS4	Plum Brook Drain	Clinton River
	MIML-02.CB.DP	42.548189	-83.012536	City of Sterling Height MS4	Plum Brook Drain	Clinton River
	MIML-03.CB.DP	42.548819	-83.012434	City of Sterling Height MS4	Plum Brook Drain	Clinton River
	MIML-04.CB.DP	42.549059	-83.011554	City of Sterling Height MS4	Plum Brook Drain	Clinton River
	MIML-05.CB.DP	42.548480	-83.010588	City of Sterling Height MS4	Plum Brook Drain	Clinton River
	MIML-06.CB.DP	42.547335	-83.010767	City of Sterling Height MS4	Plum Brook Drain	Clinton River
	MIML-12.CB.DP	42.548215	-83.010613	City of Sterling Height MS4	Plum Brook Drain	Clinton River

## Receiving Waters Table

Macomb Intermediate School District						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>MISD Educational Service Center and Bus Garage Complex</b>	MIBG-01.MH.DP	42.616702	-82.953360	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MIBG-02.MH.DP	42.620212	-82.953789	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MIBG-03.MH.DP	42.620176	-82.954043	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MIBG-04.MH.DP	42.620124	-82.954255	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MIBG-05.MH.DP	42.619588	-82.953694	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MIBG-06.MH.DP	42.620212	-82.953789	Clinton Township MS4	Middle Branch Clinton River	Clinton River
	MIBG-57.MH.DP	42.616542	-82.957874	MCPWO MS4	Gloede Ditch	Clinton River
<b>Neil Reid High School</b>	MINR-01.SCC.DP	42.575486	-82.872507	Clinton Township MS4	Clinton River Spillway- Frontal Lake Saint Clair	Lake St. Clair
	MINR-02.MH.DP	42.575003	-82.871674	Clinton Township MS4	Clinton River Spillway- Frontal Lake Saint Clair	Lake St. Clair
	MINR-03.OP.DP	42.575331	-82.873877	Clinton Township MS4	Clinton River Spillway- Frontal Lake Saint Clair	Lake St. Clair
<b>Rockwell Middle School</b>	MIRJ-01.CB.DP	42.529205	-83.003022	City of Warren MS4	McCoy Drain-Red Run Drain	Clinton River



Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Cranberry Marsh Drain  
of the Clinton River  
MIAS-02.CB.DP  
42.573732  
-82.952285

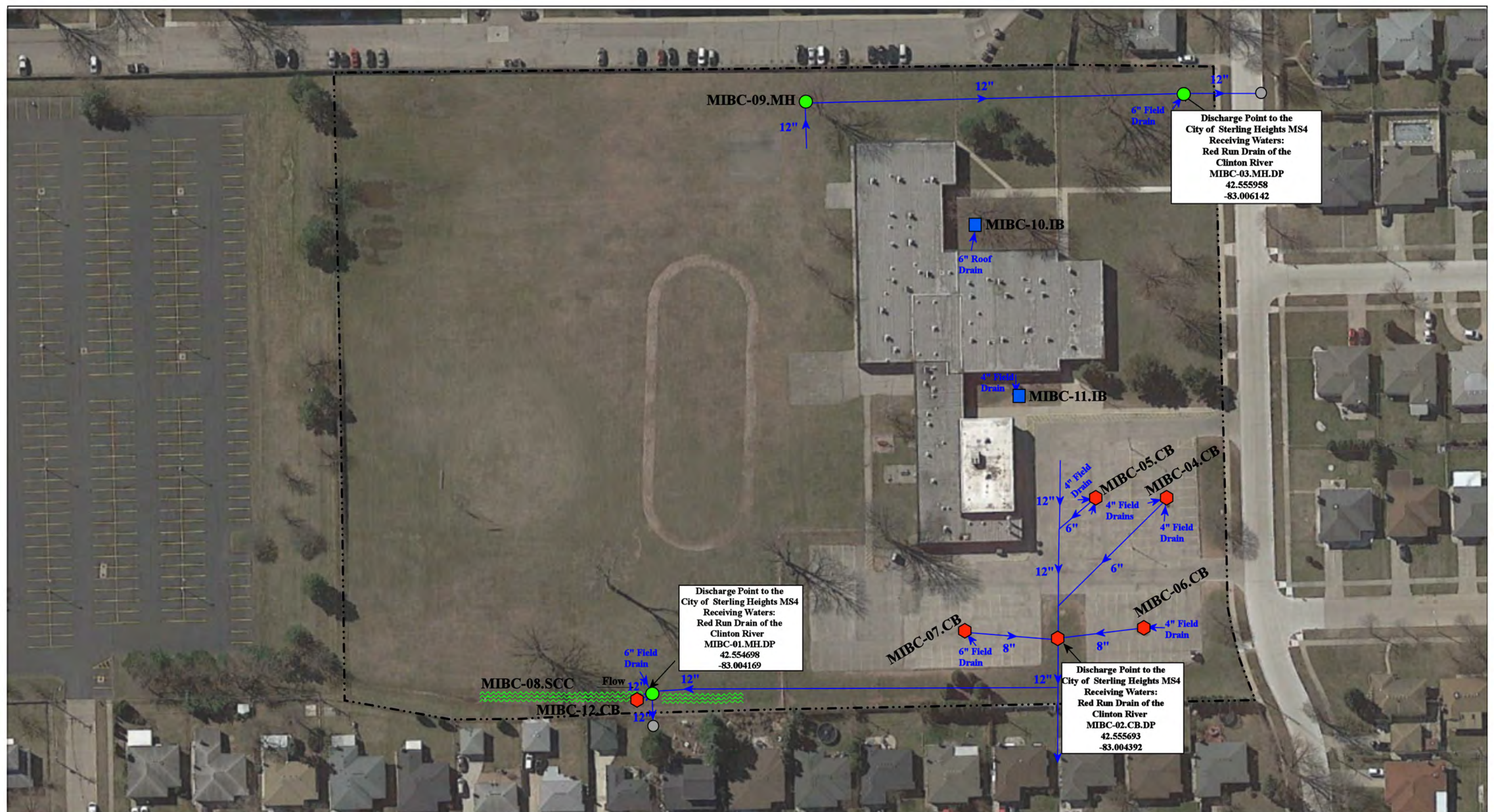
Google Earth

37623 Garfield Road, Clinton Twp, MI 48036

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



<b>Auxiliary Services Center</b>		Revision Date :	11/22/22
Macomb Intermediate School District		Drawn by:	CD
		Reviewed:	JK
<small>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</small>		Page #:	1 of 1
		Scale:	Not to Scale



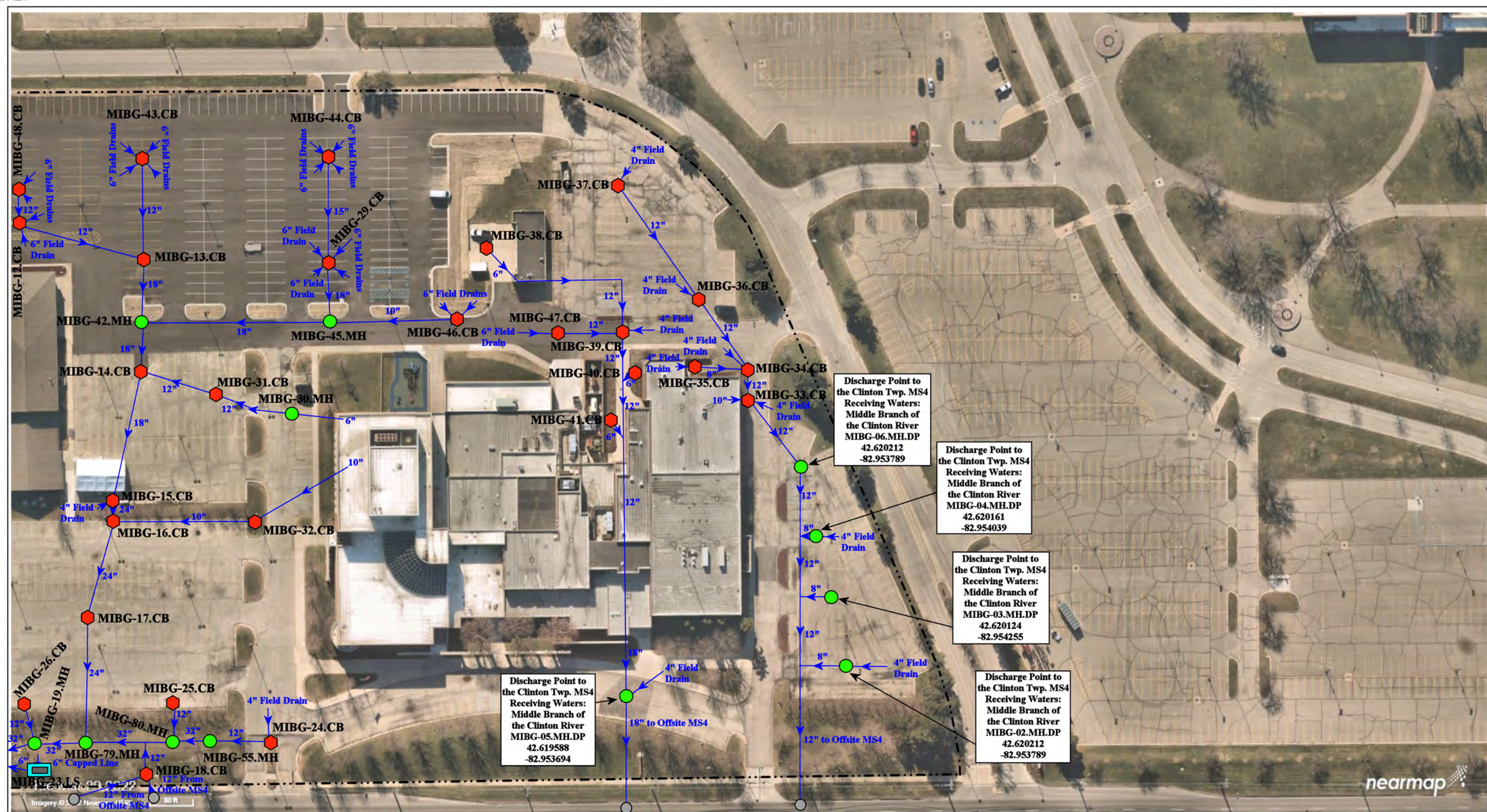
Discharge Point to the City of Sterling Heights MS4  
Receiving Waters:  
Red Run Drain of the Clinton River  
MIBC-03.MH.DP  
42.555958  
-83.006142

Discharge Point to the City of Sterling Heights MS4  
Receiving Waters:  
Red Run Drain of the Clinton River  
MIBC-01.MH.DP  
42.554698  
-83.004169

Discharge Point to the City of Sterling Heights MS4  
Receiving Waters:  
Red Run Drain of the Clinton River  
MIBC-02.CB.DP  
42.555693  
-83.004392

<p> <span style="color: red;">◆</span> = Catch Basin     <span style="color: blue;">■</span> = Infiltration Basin     <span style="color: purple;">◆</span> = Buried Structure     <span style="color: cyan;">●</span> = Pond/Basin  <span style="color: green;">●</span> = Manhole     <span style="color: yellow;">▲</span> = Open Pipe Outlet     <span style="color: teal;">◆</span> = Stabilized Outlet     <span style="color: cyan;">▬</span> = Swale/Stormwater  <span style="color: blue;">●</span> = Basin Drain     <span style="color: orange;">◆</span> = Drainage Receptor     <span style="color: magenta;">◻</span> = Flow Splitter     <span style="color: cyan;">▬</span> = Conveyance Channel  <span style="color: grey;">●</span> = Offsite MS4     <span style="color: blue;">▬</span> = Trench Drain     <span style="color: cyan;">⊗</span> = Hydrodynamic Separator     <span style="color: blue;">▬</span> = Underground Detention System  <span style="color: orange;">●</span> = Sanitary     <span style="border-bottom: 1px dashed black;">    </span> = Property Lines </p>				<p>North</p>	<p>11870 Eldorado Drive, Sterling Heights, MI 48312</p>	
<p>Bozymowski Center for Education</p>		Revision Date:	08/23/2022			
<p>Macomb Intermediate School District</p>		Drawn by:	WM			
		Reviewed:	EG			
		Page #:	1 of 1			
		Scale:	Not to Scale			
		<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>				



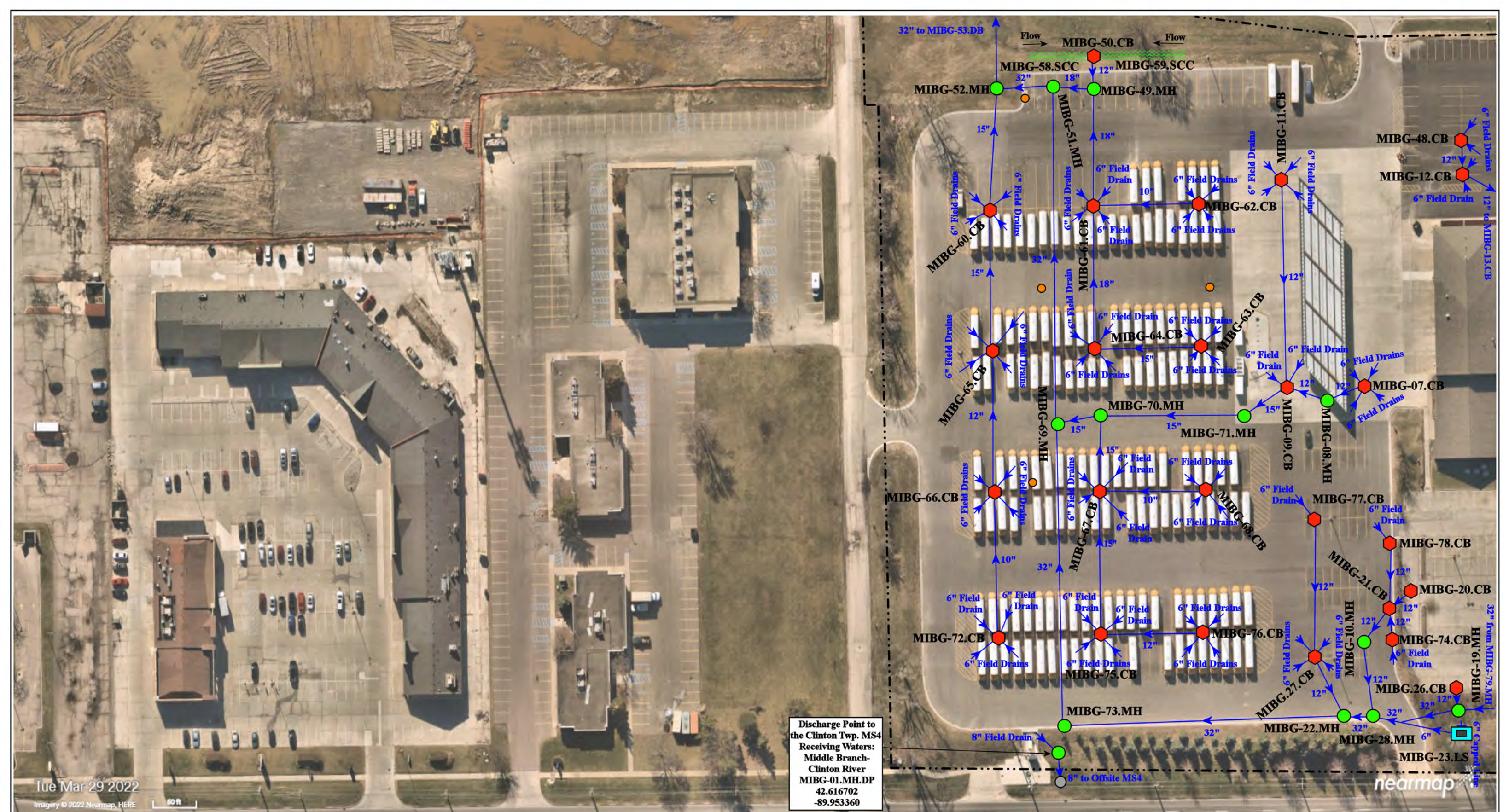


nearmap

44001 & 43923 Garfield Rd, Clinton Twp, MI 48038

	Educational Service Center - Bus Garage Complex		Revision Date:	12/20/2022
	Macomb Intermediate School District		Drawn by:	LEK
			Reviewed:	KD
			Page #:	1 of 3
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305		Scale:	Not to Scale	

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Lift Station
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- ▬ = Conveyance Channel
- ▬▬▬ = Underground Detention System

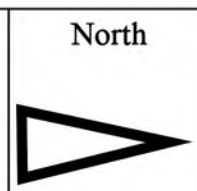


Tue Mar 29 2022  
 Imagery © 2022 Nearmap, HERE

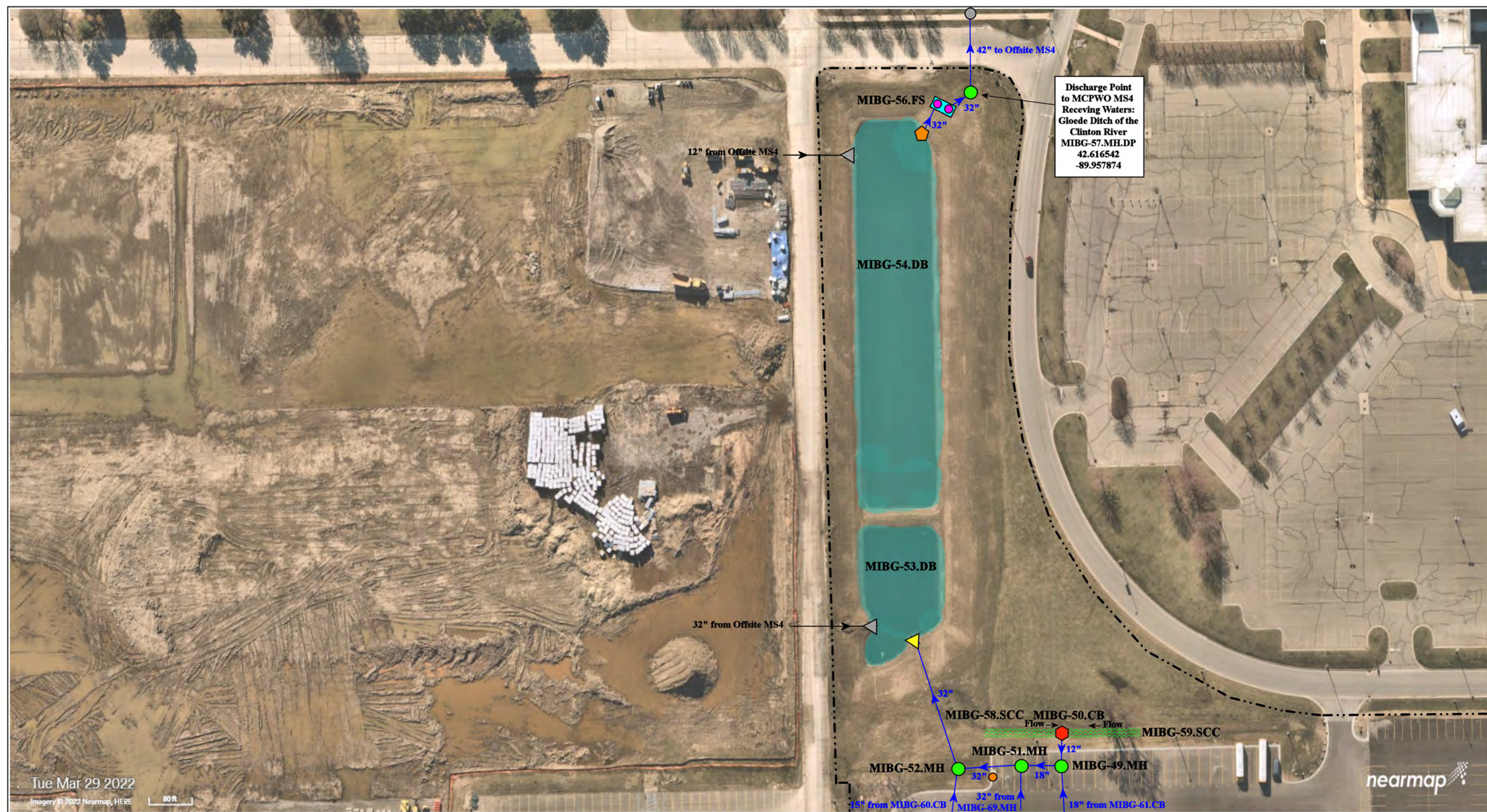
Discharge Point to the Clinton Twp. MS4  
 Receiving Waters:  
 Middle Branch  
 Clinton River  
 MIBG-01.MH.DP  
 42.616702  
 -89.953360

44001 & 43923 Garfield Rd, Clinton Twp, MI 48038

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Lift Station





Educational Service Center - Bus Garage Complex		Date:	12/20/2022
Macomb Intermediate School District		Drawn by:	LEK
		Reviewed:	KD
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305		Page #:	2 of 3
		Scale:	Not to Scale



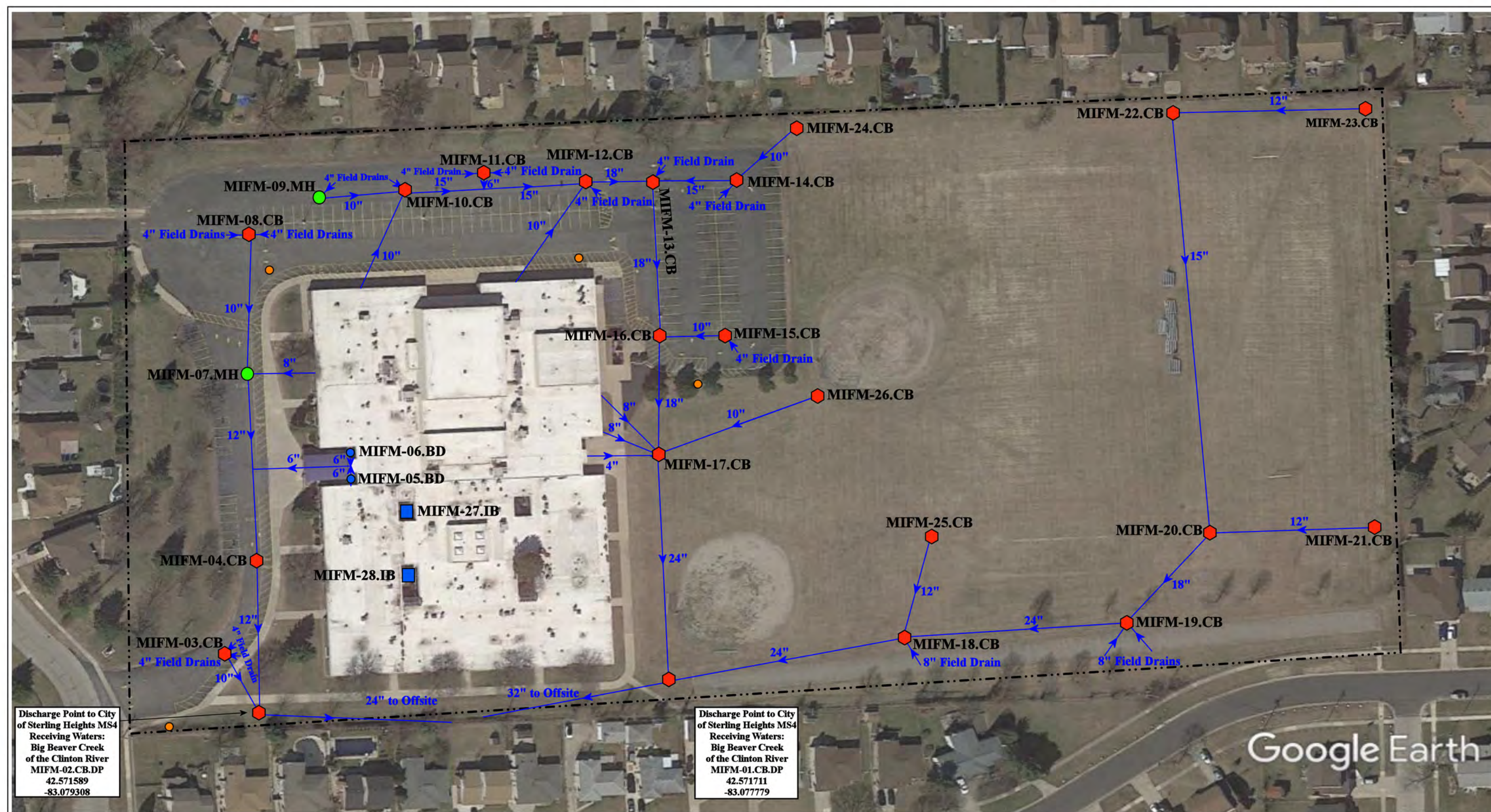
Discharge Point  
to MCPWO MS4  
Receiving Waters:  
Goede Ditch of the  
Clinton River  
MIBG-57.MH.DP  
42.616542  
-89.957874

Tue Mar 29 2022  
Imagery © 2022 Nearmap, HERE  
50 ft

nearmap

<p>44001 &amp; 43923 Garfield Rd, Clinton Twp, MI 48038</p>			
<p>North</p> 		<p>Educational Service Center - Bus Garage Complex</p>	
<p>Macomb Intermediate School District</p>		<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>	
<p>Revision Date: 12/20/2022</p>		<p>Drawn by: LEK</p>	
<p>Reviewed: KD</p>		<p>Page #: 3 of 3</p>	
<p>Scale: Not to Scale</p>			

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- = Open Pipe Outlet
- = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



2899 Fox Hill Drive, Sterling Heights, Michigan

# Flynn Educational Center

Macomb Intermediate School District



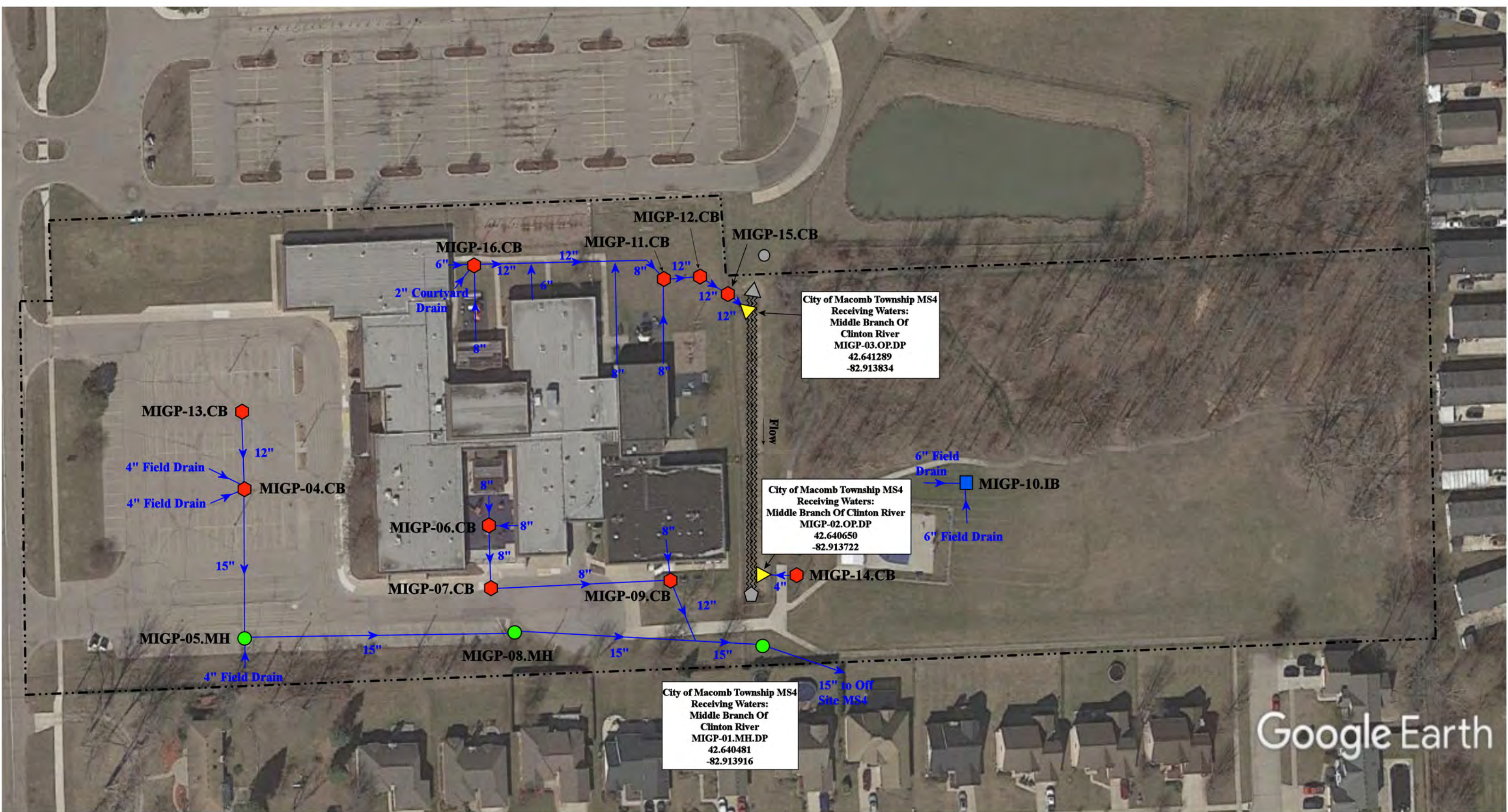
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date:	12/27/2022
Drawn by:	EG
Reviewed:	LK
Page #:	1 of 1
Scale:	Not to Scale

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Google Earth



City of Macomb Township MS4  
 Receiving Waters:  
 Middle Branch Of  
 Clinton River  
 MIGP-03.OP.DP  
 42.641289  
 -82.913834

City of Macomb Township MS4  
 Receiving Waters:  
 Middle Branch Of Clinton River  
 MIGP-02.OP.DP  
 42.640650  
 -82.913722

City of Macomb Township MS4  
 Receiving Waters:  
 Middle Branch Of  
 Clinton River  
 MIGP-01.MH.DP  
 42.640481  
 -82.913916

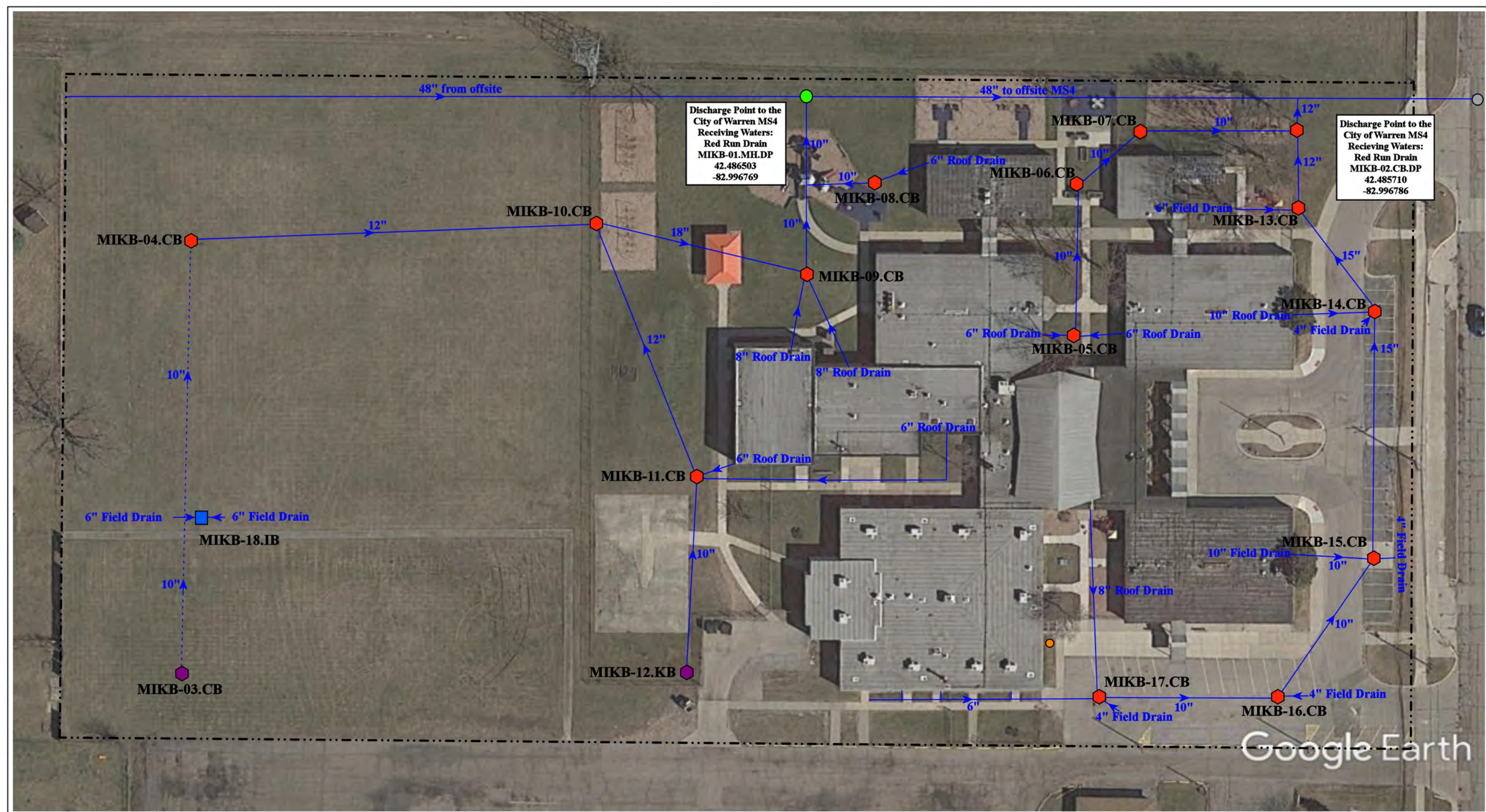
15" to Off  
 Site MS4

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ⊗ = Nicol Drain - Offsite MS4 Stormwater Conveyance Channel
- ⊗ = Underground Detention System



46650 Heydenreich Road, Macomb Township, Michigan 48044

<b>Glen H. Peters School</b>	Revision Date: 06/20/2022
Macomb Intermediate School District	Drawn by: JLP
	Reviewed: BK
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Page #: 1 of 1
	Scale: Not to Scale



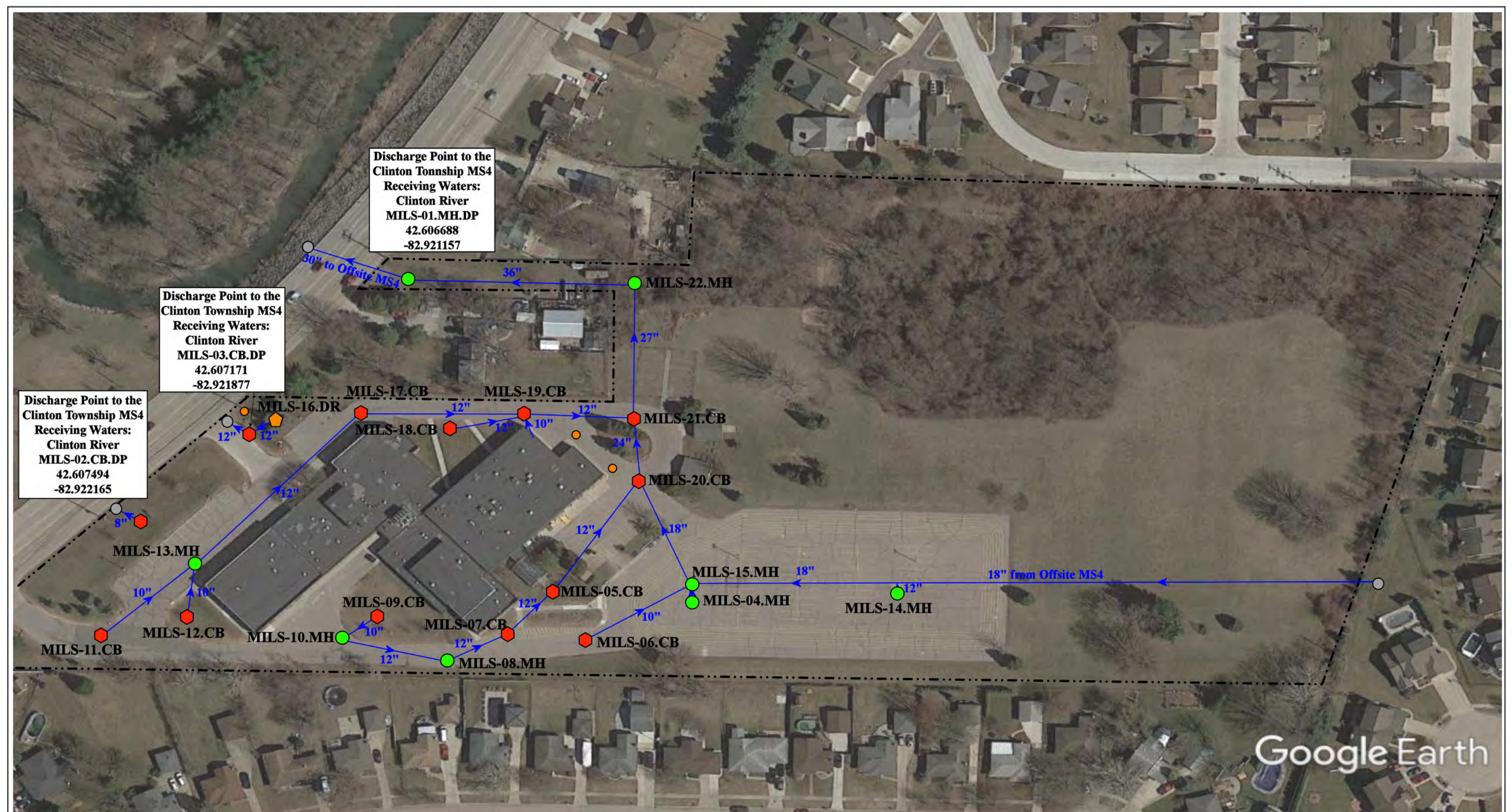
Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 Red Run Drain  
 MIKB-01.MH.DP  
 42.486503  
 -82.996769

Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 Red Run Drain  
 MIKB-02.CB.DP  
 42.485710  
 -82.996786

- ◆ = Catch Basin
- = Manhole
- = Infiltration Basin
- = Sanitary
- = Offsite MS4
- ◆ = Buried Structure
- - - - = Lower Pipe
- - - - = Property Line



12345 Frasho Road, Warren, MI			
<b>Keith Bovenschen School</b>		Revision Date :	08/17/2021
Macomb Intermediate School District		Drawn by:	EG
		Reviewed:	CD
<small>37720 Interchange Drive          Farmington Hills, MI 48335          Phone: 248-426-0165          Fax: 248-427-0305</small>		Page #:	1 of 1
		Scale:	Not to Scale



Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Clinton River  
 MILS-01.MH.DP  
 42.606688  
 -82.921157

Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Clinton River  
 MILS-03.CB.DP  
 42.607171  
 -82.921877

Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Clinton River  
 MILS-02.CB.DP  
 42.607494  
 -82.922165

19600 Cass Avenue, Clinton Township, MI

**Lutz School for Work Experience**

Macomb Intermediate School District

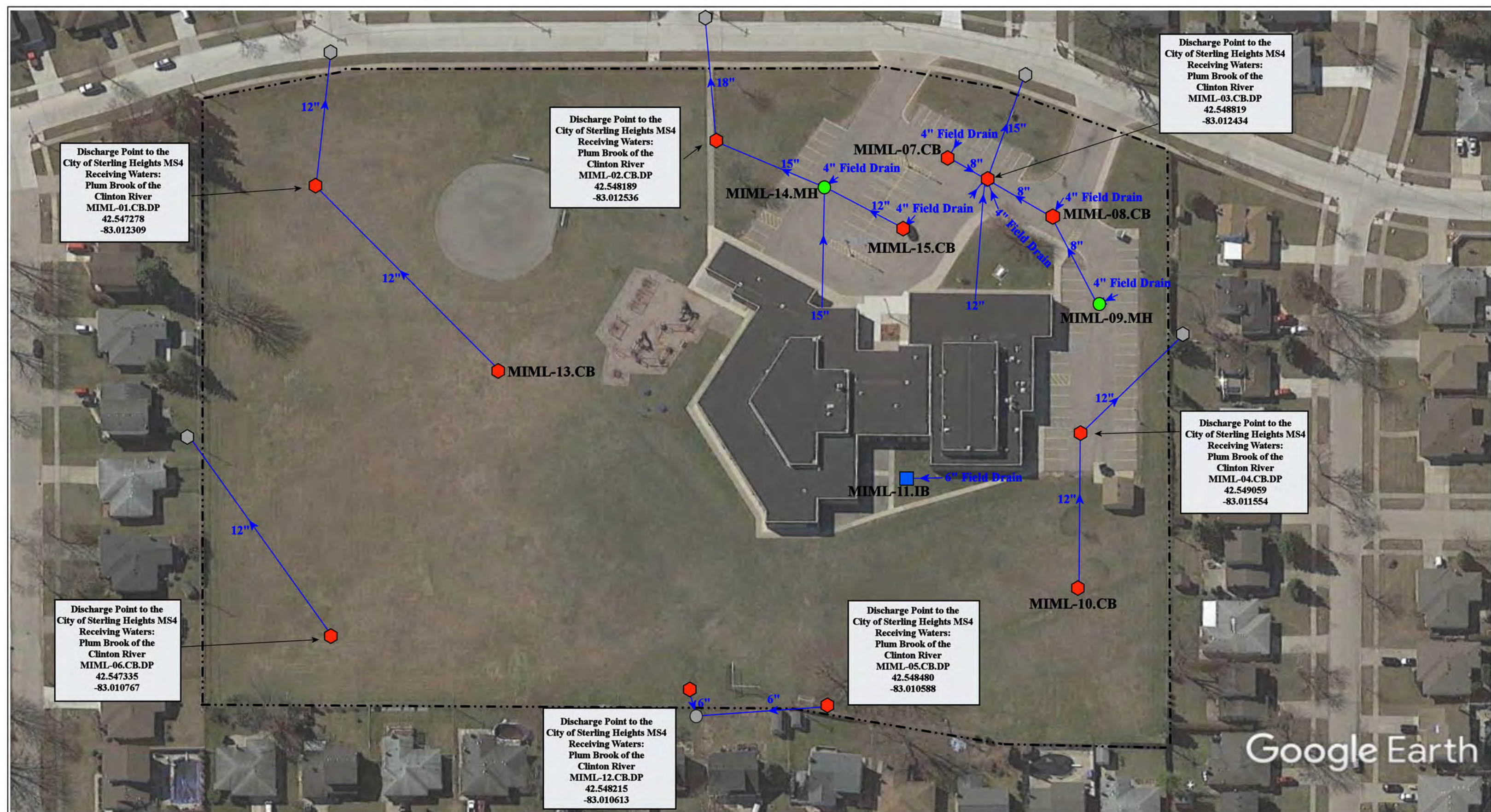


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



Revision Date :	06/6/2022
Drawn by:	WM
Reviewed:	LK
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-01.CB.DP  
 42.547278  
 -83.012309

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-02.CB.DP  
 42.548189  
 -83.012536

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-03.CB.DP  
 42.548819  
 -83.012434

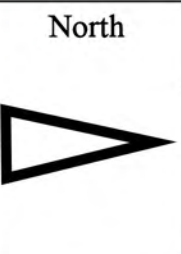
Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-04.CB.DP  
 42.549059  
 -83.011554

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-06.CB.DP  
 42.547335  
 -83.010767

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-05.CB.DP  
 42.548480  
 -83.010588

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook of the Clinton River  
 MIML-12.CB.DP  
 42.548215  
 -83.010613

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



34600 Dryden Drive, Sterling Heights, Michigan

## Maple Lane Elementary School

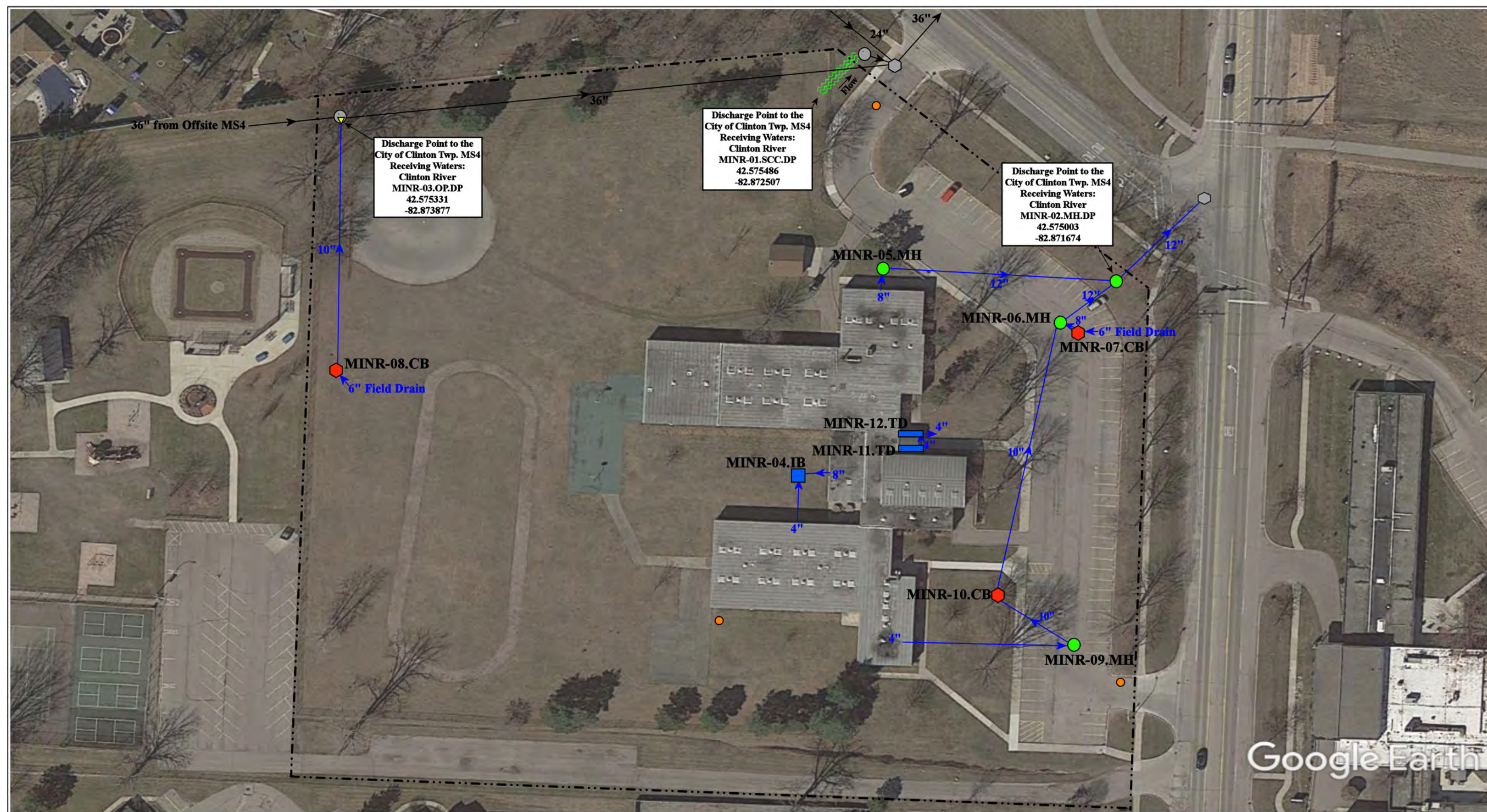
Macomb Intermediate School District

environmental group

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date :	8/2/2022
Drawn by:	EDG
Reviewed:	CD
Page #:	1 of 1
Scale:	Not to Scale





Google Earth

37701 Harper Avenue, Clinton Township, 48036

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater Conveyance Channel
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Underground Detention System
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	
= Sanitary	= Property Lines		



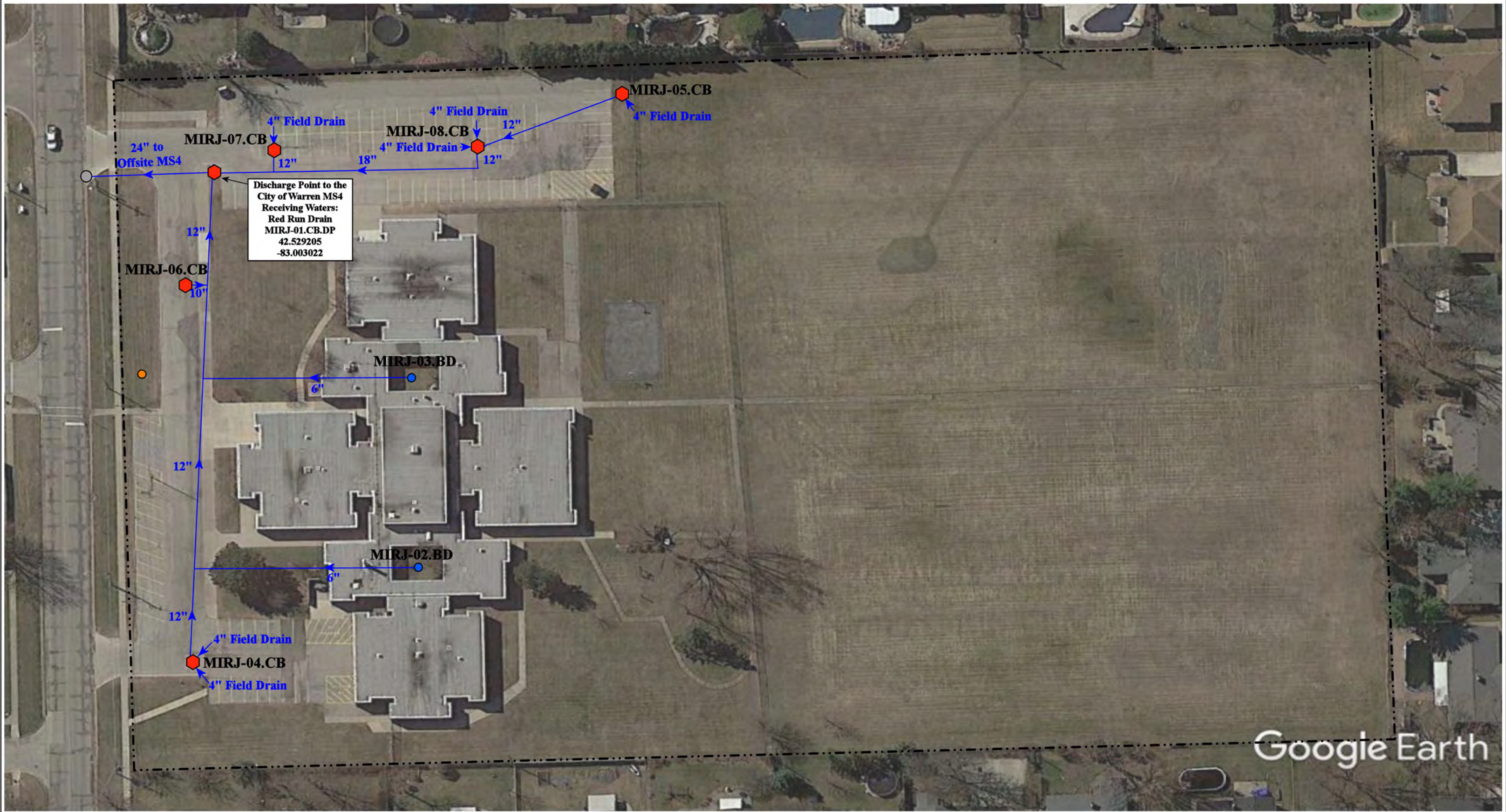
**Neil Reid High School**

Macomb Intermediate School District



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

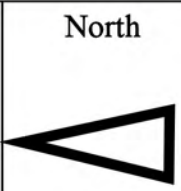
Revision Date:	06/08/2023
Drawn by:	EDG
Reviewed:	CD
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Red Run Drain  
MIRJ-01.CB.DP  
42.529205  
-83.003022

Google Earth

- ◆ = Catch Basin
- = Sanitary
- = Offsite MS4
- = Basin Drain



12225 Masonic, Warren, Michigan 48903

**Rockwell Middle School**

Macomb Intermediate School District



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

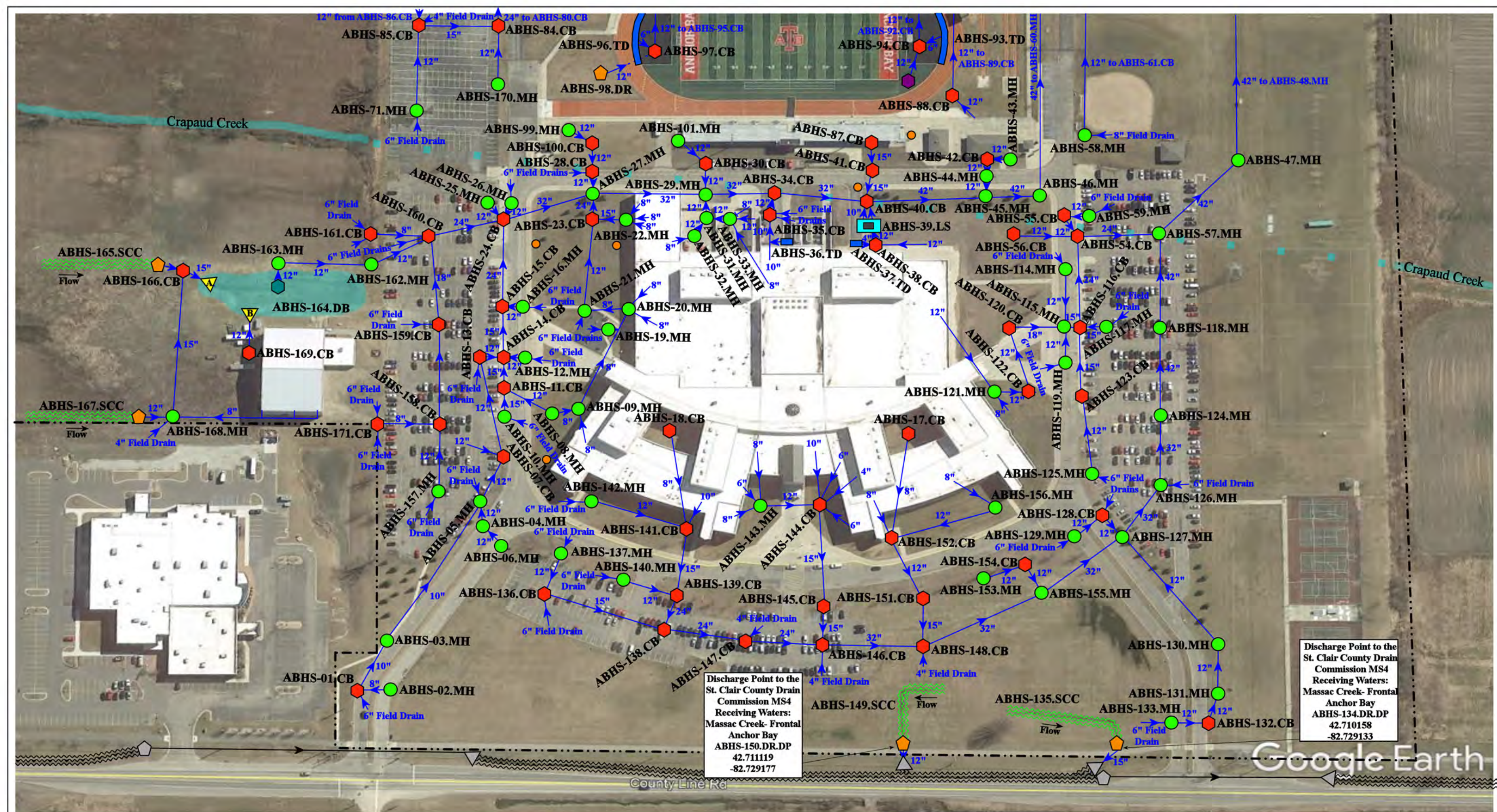
Revision Date :	12/03/2021
Drawn by:	EG
Reviewed:	KD
Page #:	1 of 1
Scale:	Not to Scale

## Receiving Waters Table

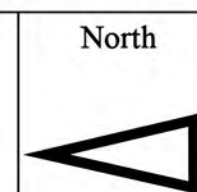
Anchor Bay Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
Anchor Bay High School	ABHS-53.SO.OF	42.709820	-82.720681	Surface Waters of the State	Massac Creek- Frontal Anchor Bay	Anchor Bay Watershed
	ABHS-134.DR.DP	42.710158	-82.729133	St. Clair County Drain Commission MS4	Massac Creek- Frontal Anchor Bay	Anchor Bay Watershed
	ABHS-150.DR.DP	42.711119	-82.729177	St. Clair County Drain Commission MS4	Massac Creek- Frontal Anchor Bay	Anchor Bay Watershed
Anchor Bay Middle School-North, Ashley Elementary School, Lighthouse Elementary School, Bus Garage, and Aquatic Center & Fitness Center Complex	MSN-02.CB.DP	42.690440	-82.741696	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-12.CB.DP	42.690385	-82.741197	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-15.CB.DP	42.689360	-82.740181	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-16.OP.DP	42.689734	-82.740044	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-25.SCC.DP	42.686423	-82.743161	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-29.CB.DP	42.685898	-82.742549	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-57.CB.DP	42.689231	-82.739859	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-67.CB.DP	42.686598	-82.736453	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-76.CB.DP	42.688872	-82.739384	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-79.MH.DP	42.687642	-82.737576	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
	MSN-81.CB.DP	42.686615	-82.738846	City of New Baltimore MS4	Crapaud Creek	Anchor Bay Watershed
Anchor Bay Middle School-South and Sugarbush Elementary School Complex	AMBS-01.OP.OF	42.662018	-82.789114	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
	AMBS-02.OP.OF	42.663392	-82.791225	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
	AMBS-03.OP.OF	42.660236	-82.789769	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
	AMBS-04.OP.OF	42.663209	-82.791180	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
	AMBS-05.OP.OF	42.660950	-82.790854	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
	AMBS-06.OP.OF	42.663764	-82.791214	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
	AMBS-07.OP.OF	42.664196	-82.791262	City of New Baltimore MS4	Meldrum Drain of Lake St. Clair	Anchor Bay Watershed
Early Childhood Center & School Age Childcare	NONE	N/A	N/A	N/A	N/A	N/A
Great Oaks Elementary School	ABGO-01.OP.OF	42.688211	-82.778434	Surface Waters of the State	Fish Creek	Anchor Bay Watershed
	ABGO-17.OP.OF	42.688353	-82.778822	Surface Waters of the State	Fish Creek	Anchor Bay Watershed
Lottie Elementary School	ABLE-01.CB.DP	42.663612	-82.771824	City of New Baltimore MS4	Salt River	Anchor Bay Watershed
	ABLE-02.CB.DP	42.662112	-82.771638	City of New Baltimore MS4	Salt River	Anchor Bay Watershed
	ABLE-03.CB.DP	42.663120	-82.770775	City of New Baltimore MS4	Salt River	Anchor Bay Watershed
Maconce Elementary School	ABME-01.OP.OF	42.714325	-82.694583	Ira Township MS4	Marsac Creek of Frontal Anchor Bay	Anchor Bay Watershed
	ABME-05.SCC.DP	42.712795	-82.690231	Ira Township MS4	Marsac Creek of Frontal Anchor Bay	Anchor Bay Watershed
MacDonald Elementary School and Administration	ABMD-01.DP.DP	42.743672	-82.727936	Casco Township MS4	Marsac Creek of Frontal Anchor Bay	Anchor Bay Watershed

### Receiving Waters Table

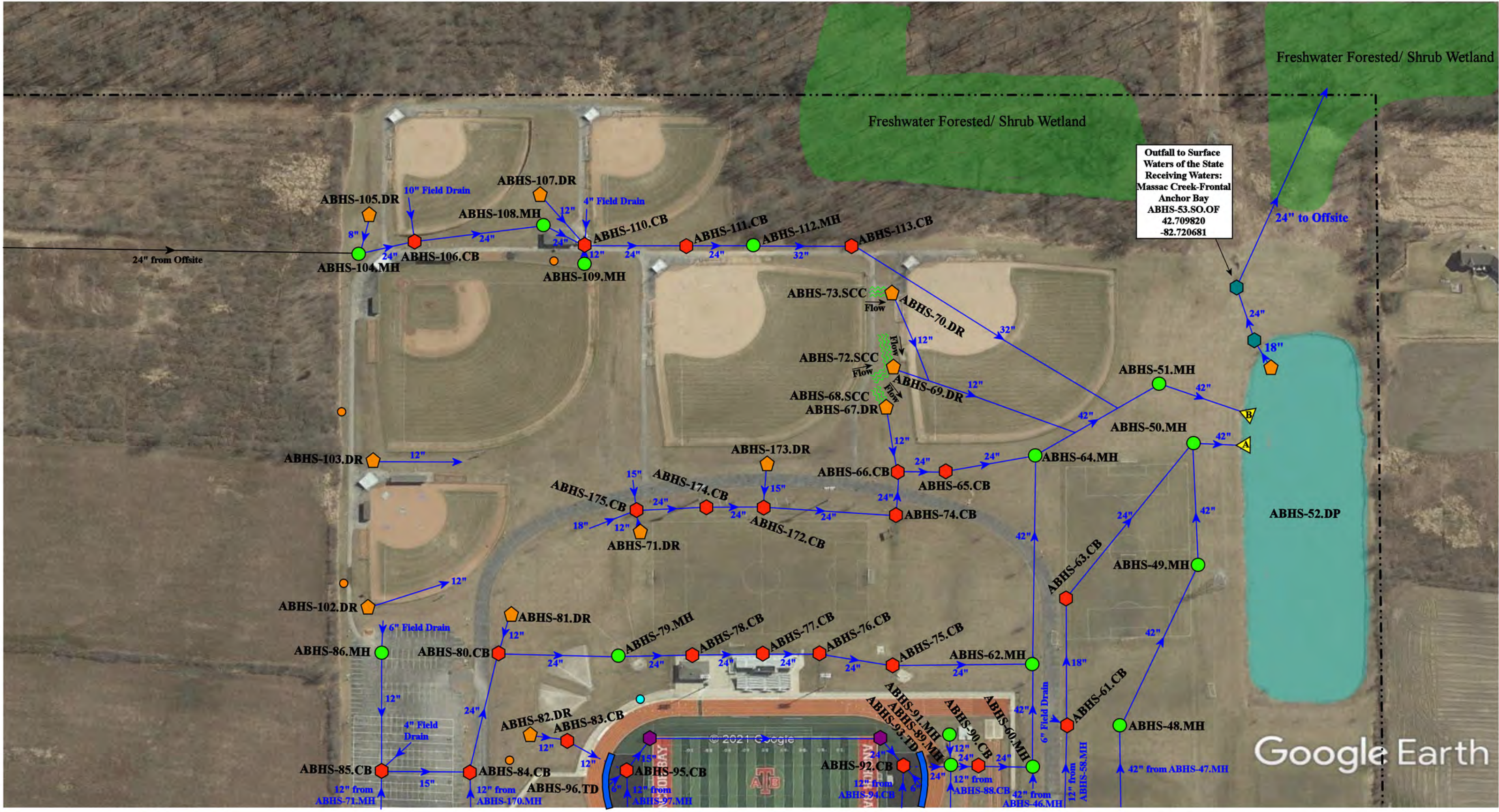
Anchor Bay Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
Naldrett Elementary School	ABNE-01.MH.DP	42.657738	-82.807096	City of New Baltimore MS4	Harms Drain - Frontal Anchor Bay	Anchor Bay Watershed
	ABNE-02.CB.DP	42.656717	-82.807980	City of New Baltimore MS4	Harms Drain - Frontal Anchor Bay	Anchor Bay Watershed



- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Lift Station
- = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Landscape Drain

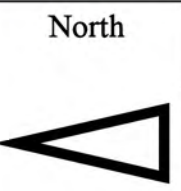


6319 County Line Rd, Fair Haven, MI 48023	
<b>Anchor Bay High School</b>	
Anchor Bay Schools	
	37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305
Revision Date :	07/14/2022
Drawn by:	BJK
Reviewed:	EG
Page #:	1 of 3
Scale:	Not to Scale



Outfall to Surface Waters of the State  
 Receiving Waters:  
 Massac Creek-Frontal  
 Anchor Bay  
 ABHS-53.SO.OF  
 42.709820  
 -82.720681

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater Conveyance Channel
= Basin Drain	= Drainage Receptor	= Lift Station	= Landscape Drain
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	
= Sanitary	= Property Lines		



6319 County Line Rd, Fair Haven, MI 48023		Revision Date:	07/14/2022
<h2 style="text-align: center;">Anchor Bay High School</h2> <p style="text-align: center;">Anchor Bay Schools</p>		Drawn by:	BJK
		Reviewed:	EG
<p style="font-size: small; text-align: right;">37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>		Page #:	2 of 3
		Scale:	Not to Scale



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6319 County Line Rd, Fair Haven, MI 48023

# Anchor Bay High School

Anchor Bay Schools

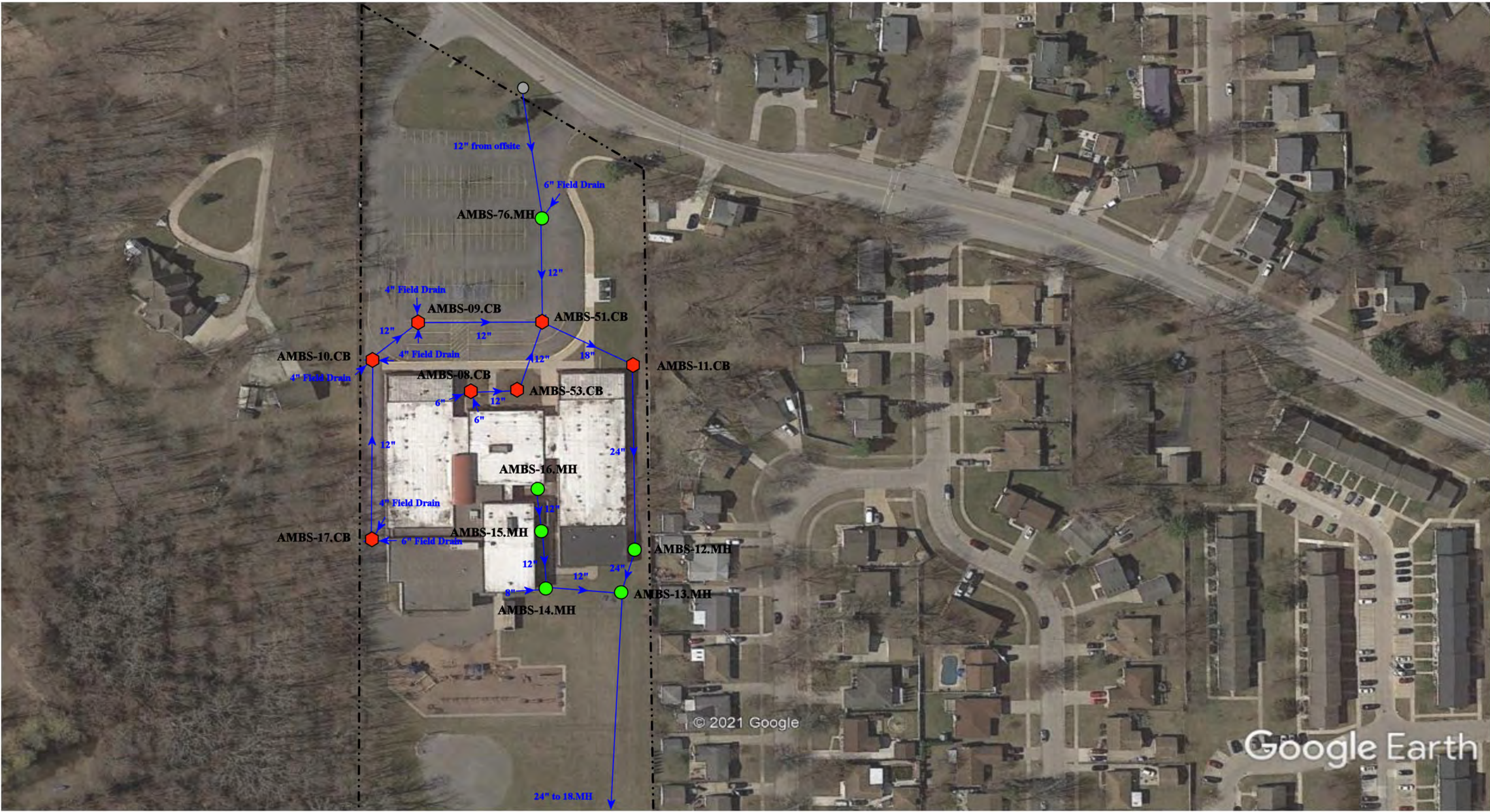


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date:	07/14/2022
Drawn by:	BJK
Reviewed:	EG
Page #:	3 of 3
Scale:	Not to Scale

- |               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Lift Station           | = Landscape Drain                     |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |





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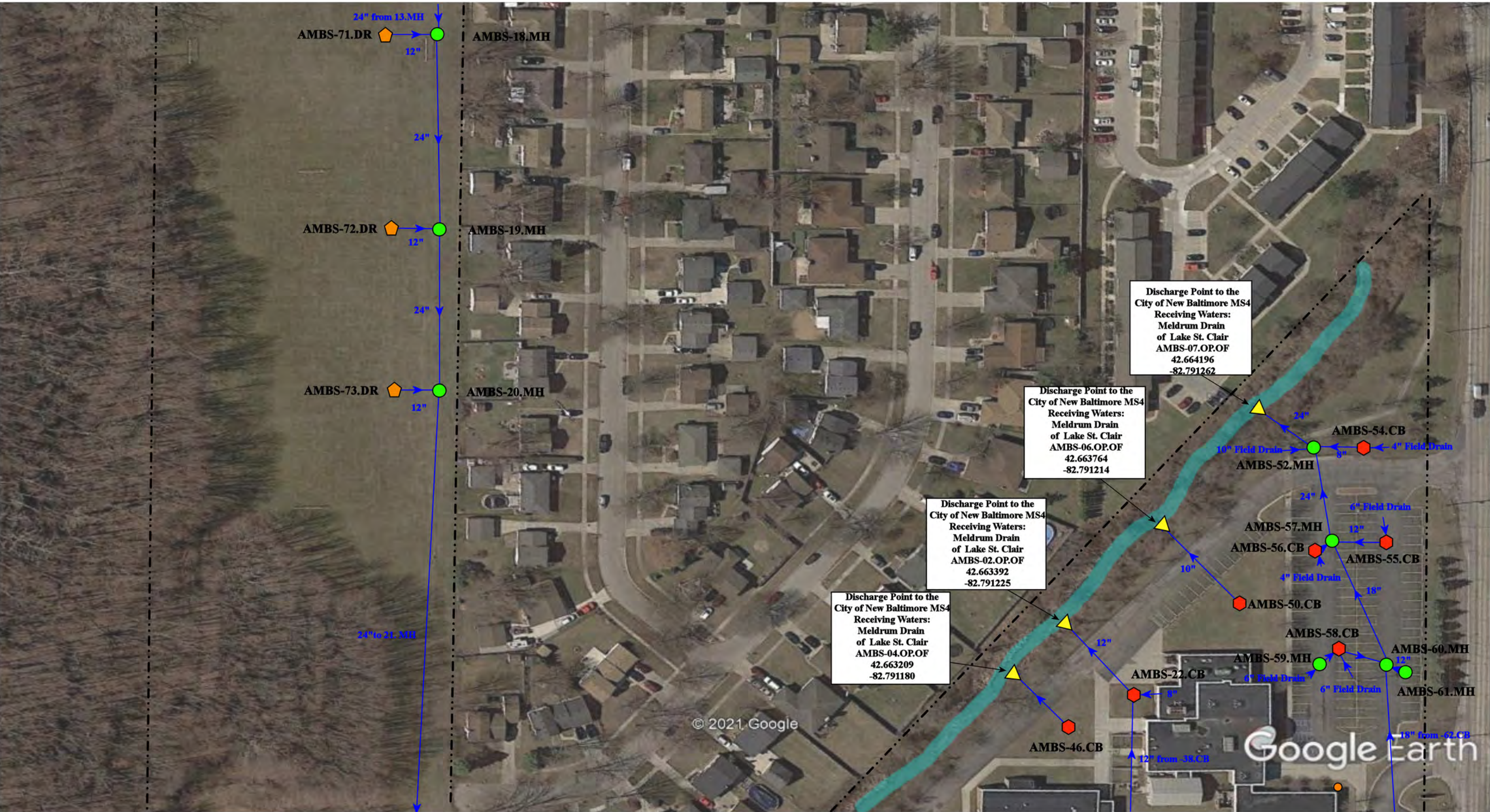
48650 Sugarbush Road, New Baltimore, Michigan 48047

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System





<b>Anchor Bay Middle School South</b>		Revision Date :	07/15/2022
Anchor Bay School District		Drawn by:	JLP
		Reviewed:	CD
<small>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</small>		Page #:	1 of 4
		Scale:	Not to Scale

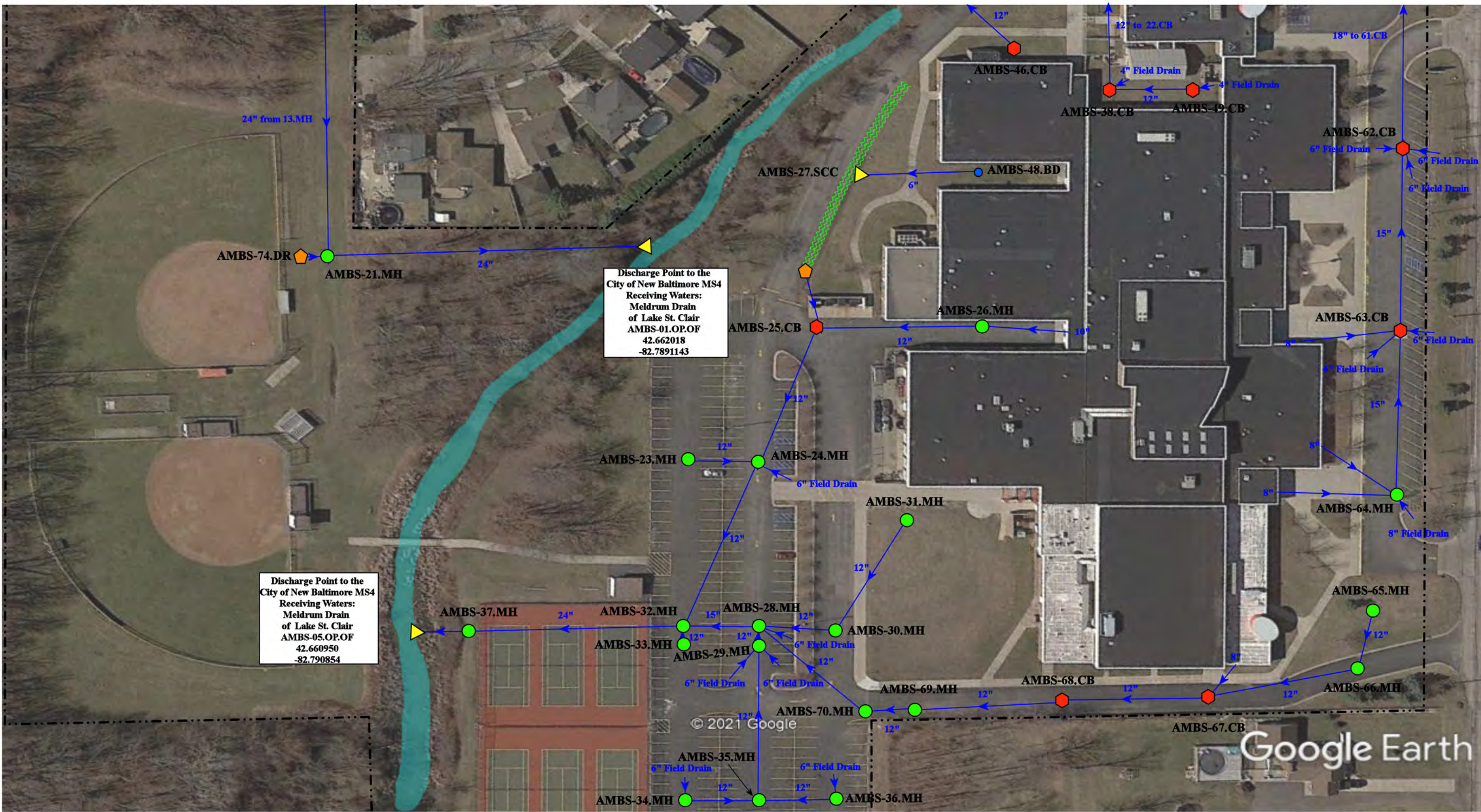




48650 Sugarbush Road, New Baltimore, Michigan 48047

<b>Anchor Bay Middle School-South</b> <b>Sugarbush Elementary School Complex</b> Anchor Bay School District		Revision Date:	07/15/2022
		Drawn by:	JLP
 environmental group 37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305		Reviewed:	KD
		Page #:	2 of 4
		Scale:	Not to Scale

<ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">◆</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - = Property Lines</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: magenta;">◆</span> = Flow Splitter</li> <li><span style="color: cyan;">◆</span> = Hydrodynamic Separator</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: lightblue;">■</span> = Pond/Basin</li> <li><span style="color: green;">~</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">■</span> = Underground Detention System</li> </ul>	North 
--	---	---	---	--



Discharge Point to the City of New Baltimore MS4  
 Receiving Waters:  
 Meldrum Drain  
 of Lake St. Clair  
 AMBS-01.OP.OF  
 42.662018  
 -82.7891143

Discharge Point to the City of New Baltimore MS4  
 Receiving Waters:  
 Meldrum Drain  
 of Lake St. Clair  
 AMBS-05.OP.OF  
 42.660950  
 -82.790854

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Google Earth

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



48650 Sugarbush Road, New Baltimore, Michigan 48047

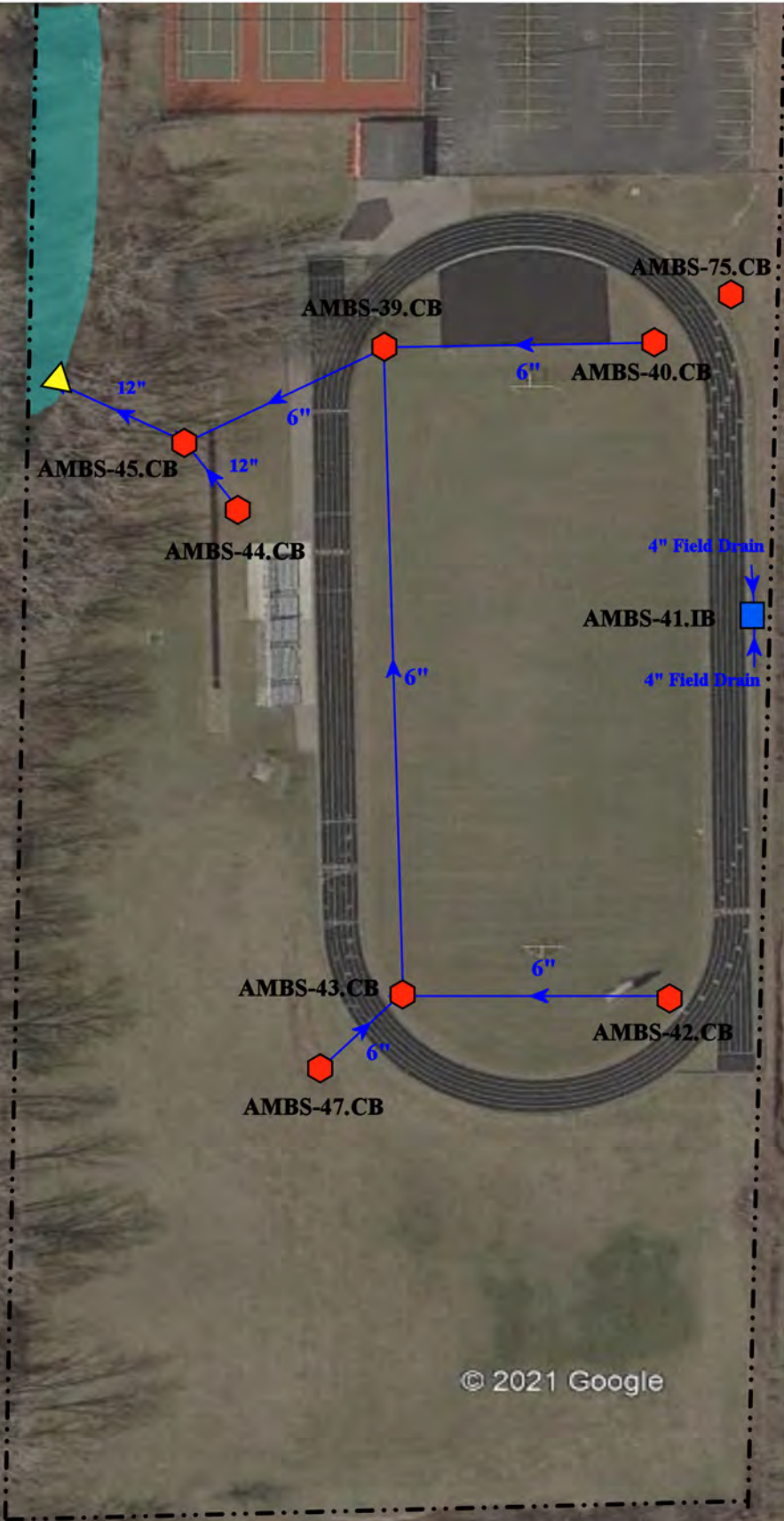
**Anchor Bay Middle School-South  
 Sugarbush Elementary School Complex**

Anchor Bay School District

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date:	07/15/2022
Drawn by:	JLP
Reviewed:	CD
Page #:	3 of 4
Scale:	Not to Scale

Discharge Point to the  
City of New Baltimore MS4  
Receiving Waters:  
Meldrum Drain  
of Lake St. Clair  
AMBS-03.OP.OF  
42.660236  
-82.789769



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48650 Sugarbush Road, New Baltimore, Michigan 48047

Anchor Bay Middle School-South  
Sugarbush Elementary School Complex

Anchor Bay School District



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Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date :	07/15/2022
Drawn by:	JLP
Reviewed:	KD
Page #:	4 of 4
Scale:	Not to Scale

- = Catch Basin
- = Infiltration Basin
- = Buried Structure
- = Pond/Basin
- = Manhole
- ▲ = Open Pipe Outlet
- = Stabilized Outlet
- ~ = Swale/Stormwater
- = Basin Drain
- = Drainage Receptor
- = Flow Splitter
- = Conveyance Channel
- = Offsite MS4
- = Trench Drain
- = Hydrodynamic Separator
- = Underground Detention System
- = Sanitary
- - - = Property Lines





Google Earth

- |               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



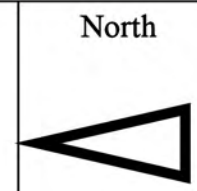
52680 Washington Street, New Baltimore, MI 48047		
Early Childhood Center & School Age Childcare	Revision Date :	07/15/2022
Anchor Bay School District	Drawn by:	JLP
	Reviewed:	BJK
	Page #:	1 of 1
	Scale:	Not to Scale


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



- ◆ = Catch Basin
- = Manhole
- ▲ = Open Pipe Outlet
- = Sanitary

- = Wetland Area
- - - = Property Lines



32900 24 Mile Rd., Chesterfield Twp, MI 48047		Date:	8-03-2021
<b>Great Oaks Elementary School</b>		Drawn by:	EDG
Anchor Bay School District		Reviewed:	BJK
		Page #:	1 of 2
<small>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</small>		Scale:	Not to Scale



**Freshwater Forested/ Shrub Wetland**

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Google Earth

32900 23 Mile Rd., Chesterfield Twp, MI 48047

 = **Wetland Area**

North



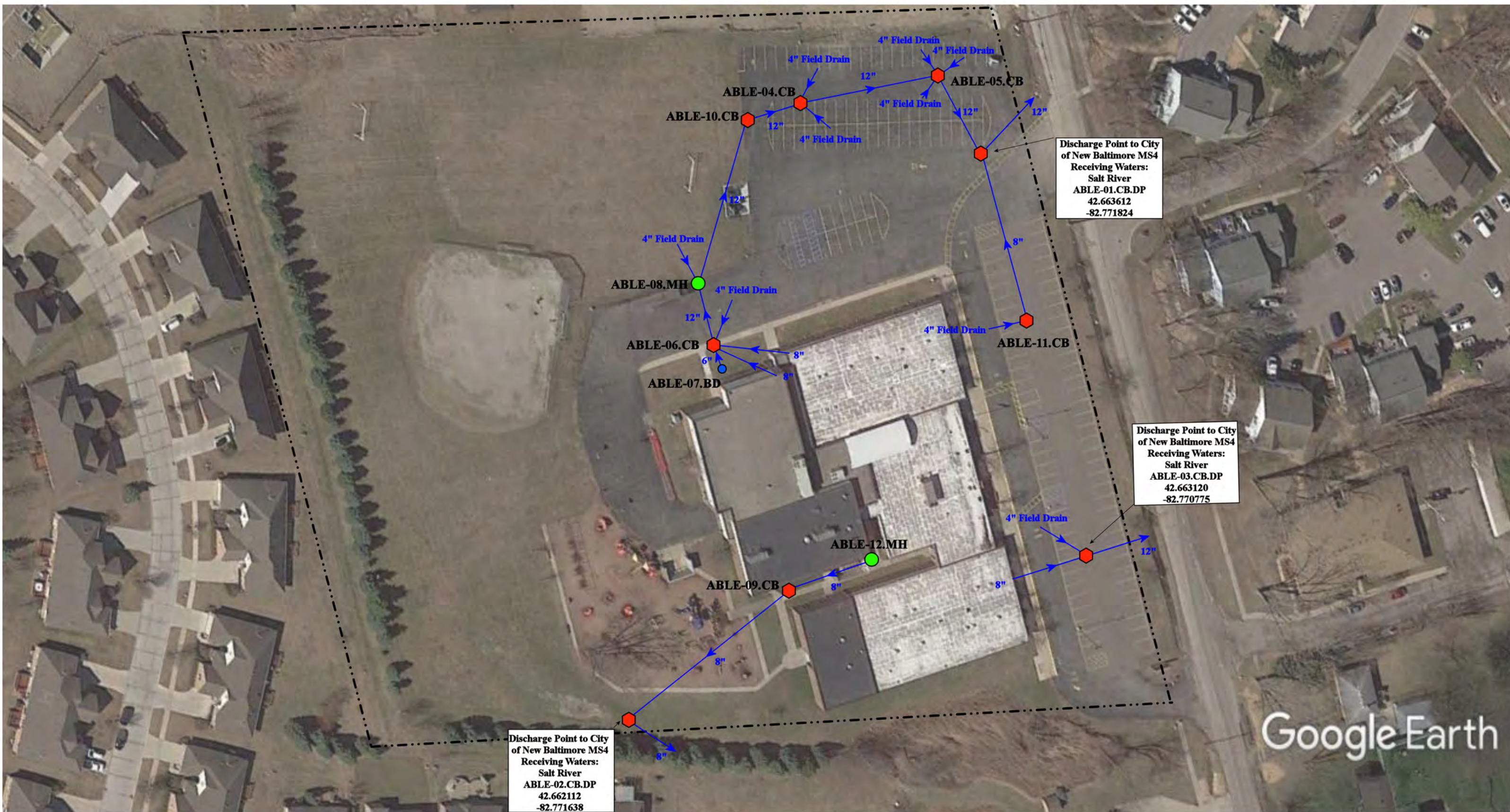
**Great Oaks Elementary School**

Anchor Bay School District



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Date:	8-03-2021
Drawn by:	EDG
Reviewed:	BJK
Page #:	2 of 2
Scale:	Not to Scale



Discharge Point to City of New Baltimore MS4  
 Receiving Waters:  
 Salt River  
 ABLE-01.CB.DP  
 42.663612  
 -82.771824

Discharge Point to City of New Baltimore MS4  
 Receiving Waters:  
 Salt River  
 ABLE-03.CB.DP  
 42.663120  
 -82.770775

Discharge Point to City of New Baltimore MS4  
 Receiving Waters:  
 Salt River  
 ABLE-02.CB.DP  
 42.662112  
 -82.771638

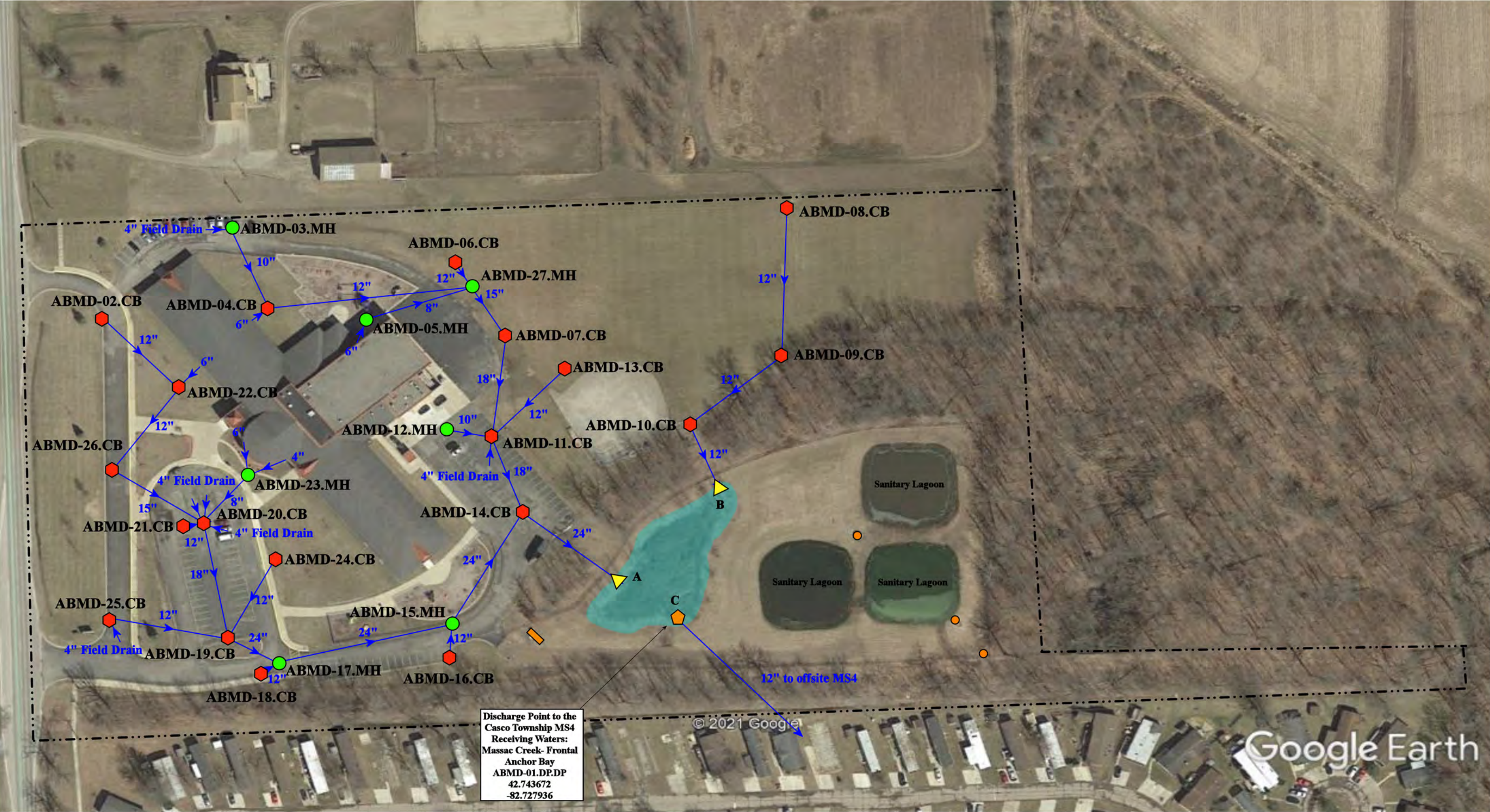
Google Earth

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ◆ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



33700 Hooker Rd., New Baltimore, Michigan 48047

<h2>Lottie Elementary School</h2> <p>Anchor Bay School District</p>	Revision Date :	07/14/2022
	Drawn by:	JLP
 37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Reviewed:	EDG
	Page #:	1 of 1
	Scale:	Not to Scale



Discharge Point to the  
 Casco Township MS4  
 Receiving Waters:  
 Massac Creek- Frontal  
 Anchor Bay  
 ABMD-01.DP.DP  
 42.743672  
 -82.727936

5201 County Line Road, Casco, Michigan 48064

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▬ = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater
- = Conveyance Channel
- = Sanitary Pump Station



MacDonald Elementary School-Administration Anchor Bay School District	Revision Date :	07/14/2022
	Drawn by:	JLP
	Reviewed:	KD
	Page #:	1 of 1
	Scale:	Not to Scale

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305





Outfall to  
Massac Creek  
of Frontal Anchor Bay  
ABME-01.OP.OF  
42.714325  
-82.694583

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6300 Church Rd, Ira Township, MI 48023

**Maconce Elementary School**

Anchor Bay Schools

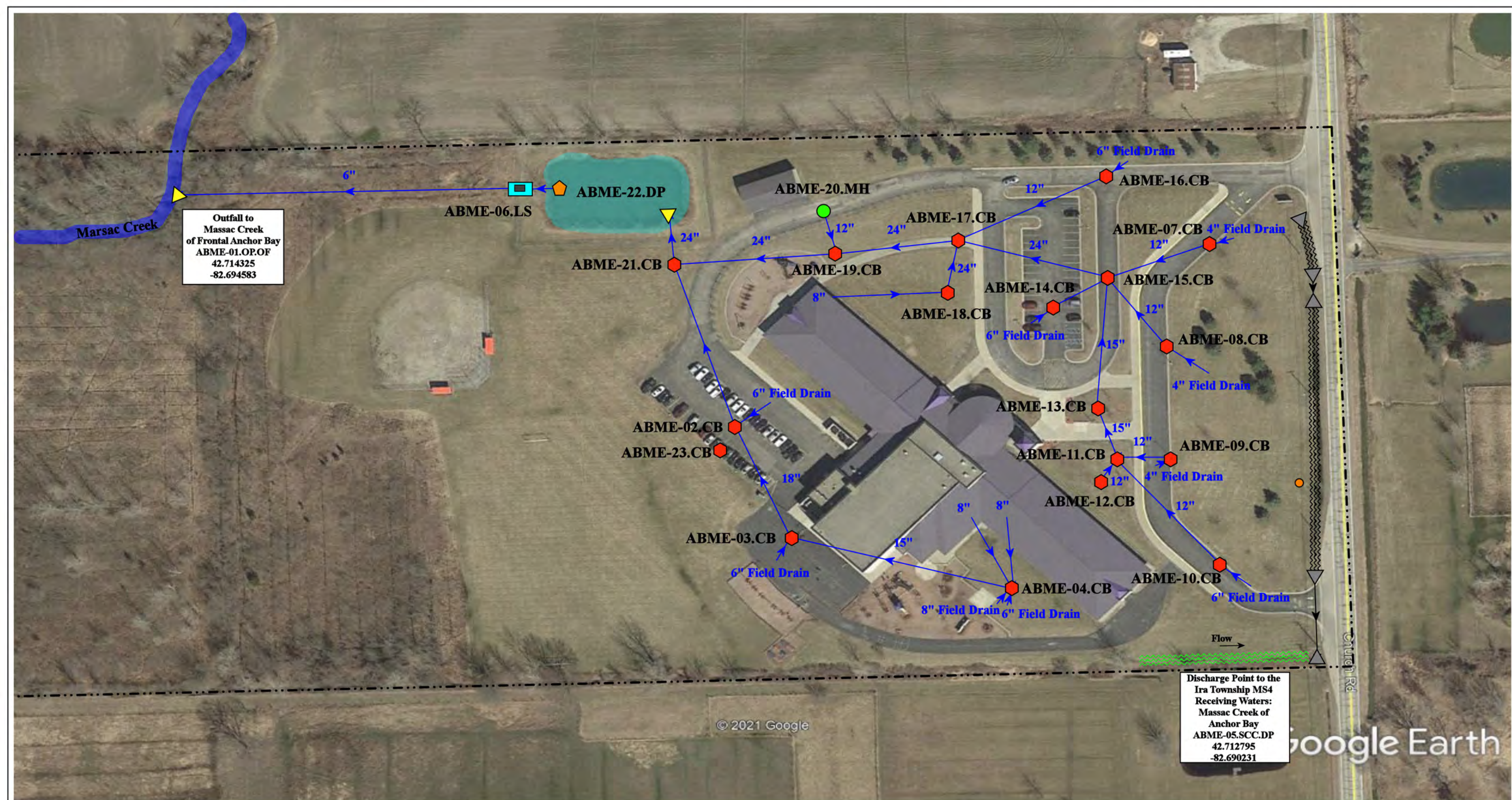


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date :	07/15/2022
Drawn by:	JLP
Reviewed:	CD
Page #:	1 of 2
Scale:	Not to Scale



- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



Outfall to  
Marsac Creek  
of Frontal Anchor Bay  
ABME-01.OP.OF  
42.714325  
-82.694583

Discharge Point to the  
Ira Township MS4  
Receiving Waters:  
Massac Creek of  
Anchor Bay  
ABME-05.SCC.DP  
42.712795  
-82.690231

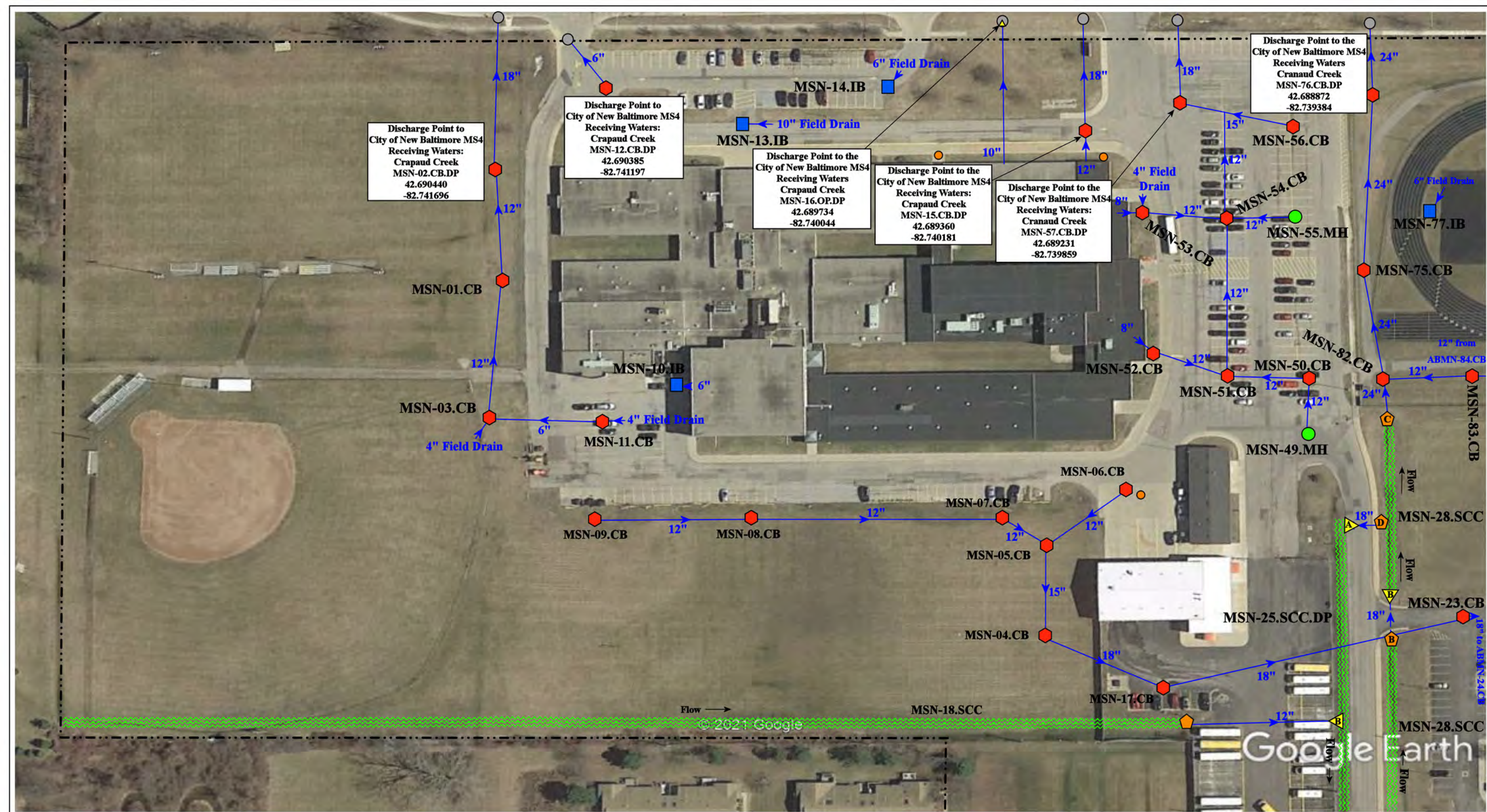
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Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- ◻ = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System
- - - = Property Lines



6300 Church Rd, Ira Township, MI 48023			Revision Date :	7/15/22
<b>Maconce Elementary School</b>			Drawn by:	CCD
Anchor Bay Schools			Reviewed:	KD
			Page #:	2 of 2
			Scale:	Not to Scale
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305				



52805, 52347, and 52401 Ashley Drive, New Baltimore, Michigan 48047; 51880 and 51890 Washington St, New Baltimore, MI 48047

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater Conveyance Channel
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Underground Detention System
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	
= Sanitary	= Property Lines		

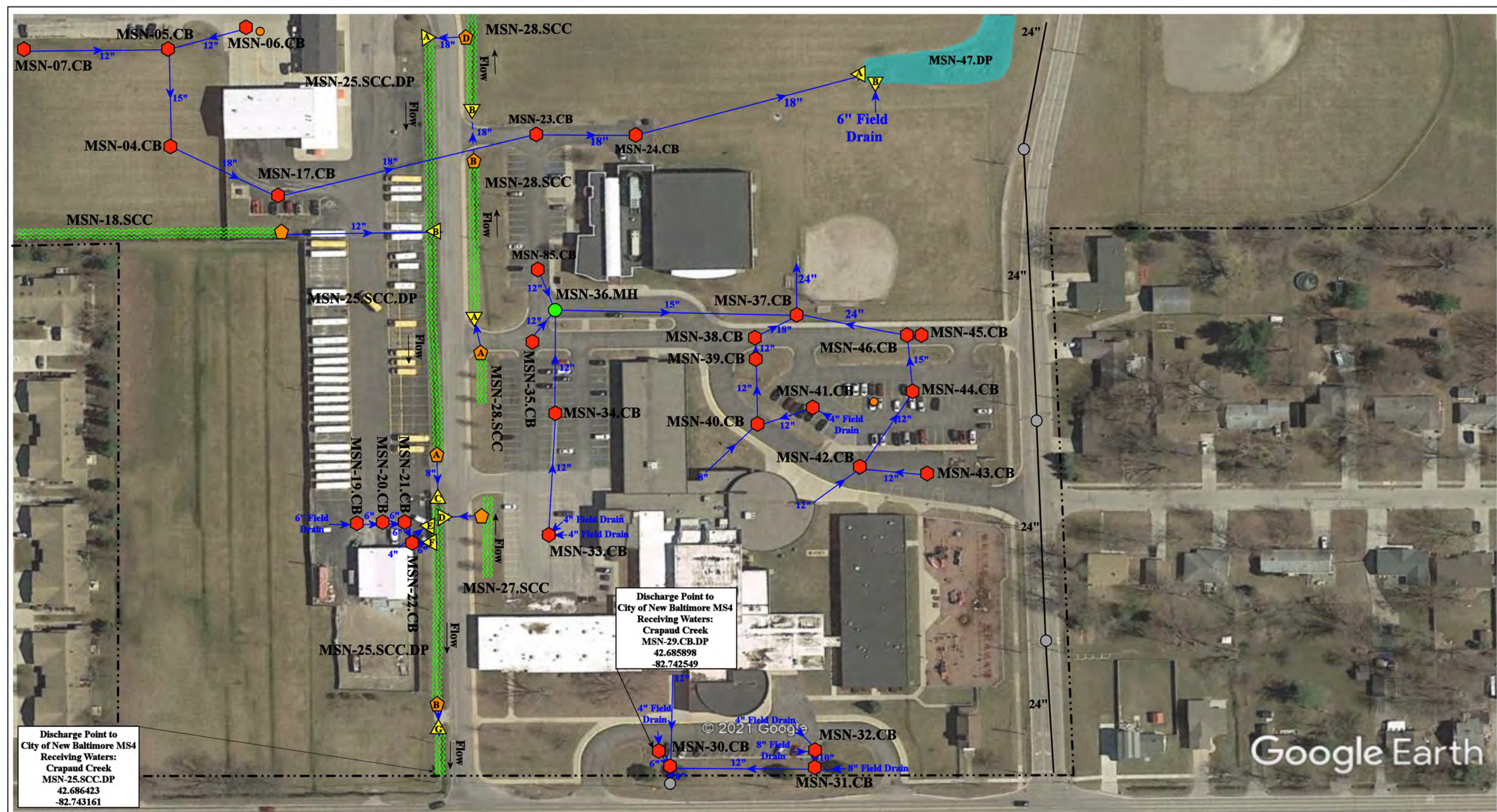


Anchor Bay Middle School-North, Ashley Elementary School, Lighthouse Elementary School, Bus Garage, and Aquatic Center & Fitness Center Complex

**Anchor Bay School District**

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date:	07/15/2022
Drawn by:	EDG
Reviewed:	KD
Page #:	1 of 3
Scale:	Not to Scale



Discharge Point to City of New Baltimore MS4  
 Receiving Waters:  
 Crapaud Creek  
 MSN-25.SCC.DP  
 42.686423  
 -82.743161

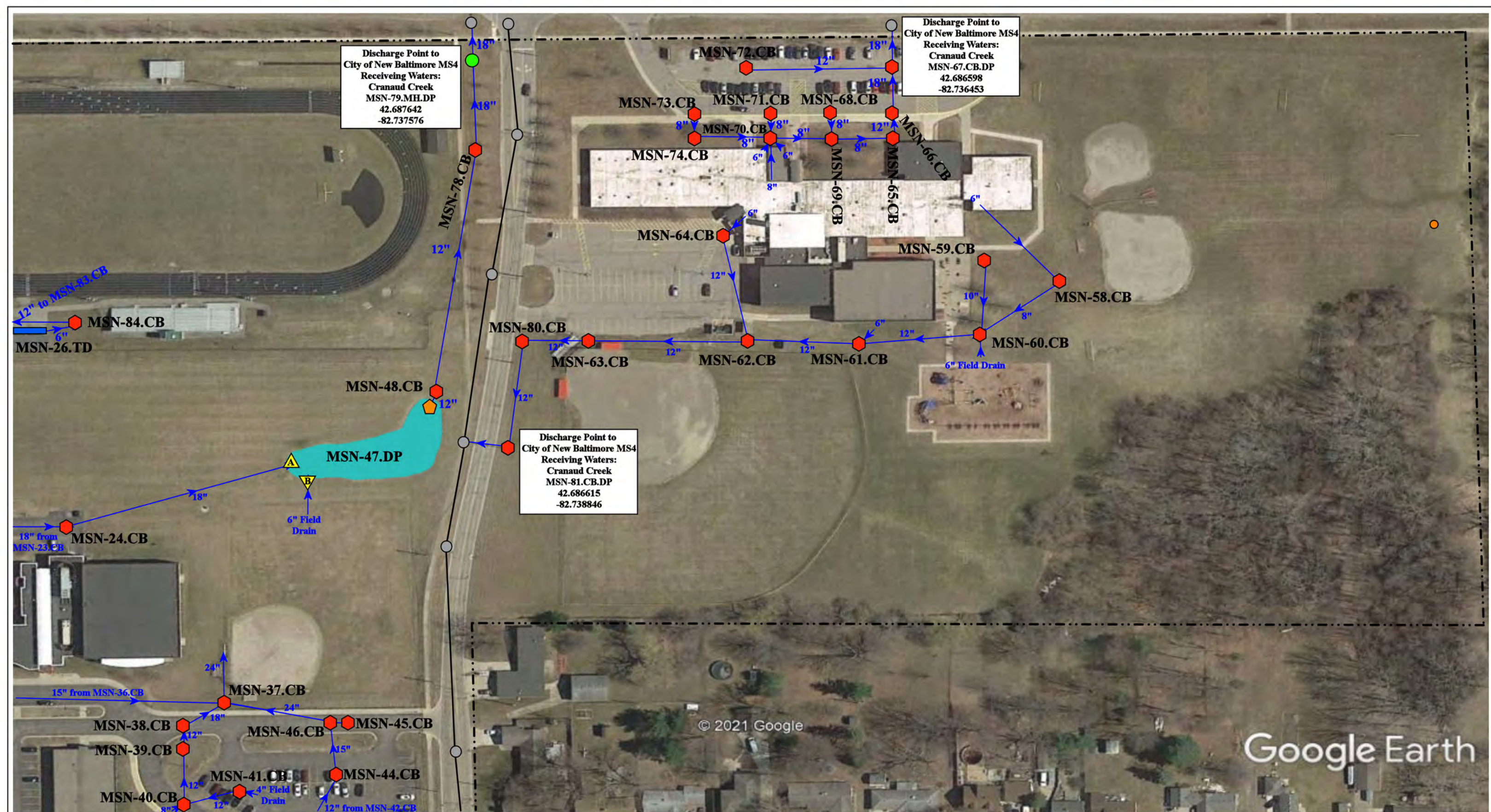
Discharge Point to City of New Baltimore MS4  
 Receiving Waters:  
 Crapaud Creek  
 MSN-29.CB.DP  
 42.685898  
 -82.742549

52805, 52347, and 52401 Ashley Drive, New Baltimore, Michigan 48047; 51880 and 51890 Washington St, New Baltimore, MI 48047

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- = Conveyance Channel
- ≡ = Underground Detention System

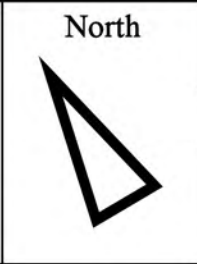


Anchor Bay Middle School-North, Ashley Elementary School, Lighthouse Elementary School, Bus Garge, and Aquatic Center & Fitness Center Complex		Revision Date:	07/15/2022
Anchor Bay School District		Drawn by:	EDG
		Reviewed:	KD
		Page #:	2 of 3
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305		Scale:	Not to Scale



52805, 52347, and 52401 Ashley Drive, New Baltimore, Michigan 48047; 51880 and 51890 Washington St, New Baltimore, MI 48047

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Conveyance Channel
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	= Underground Detention System
= Sanitary	= Property Lines		

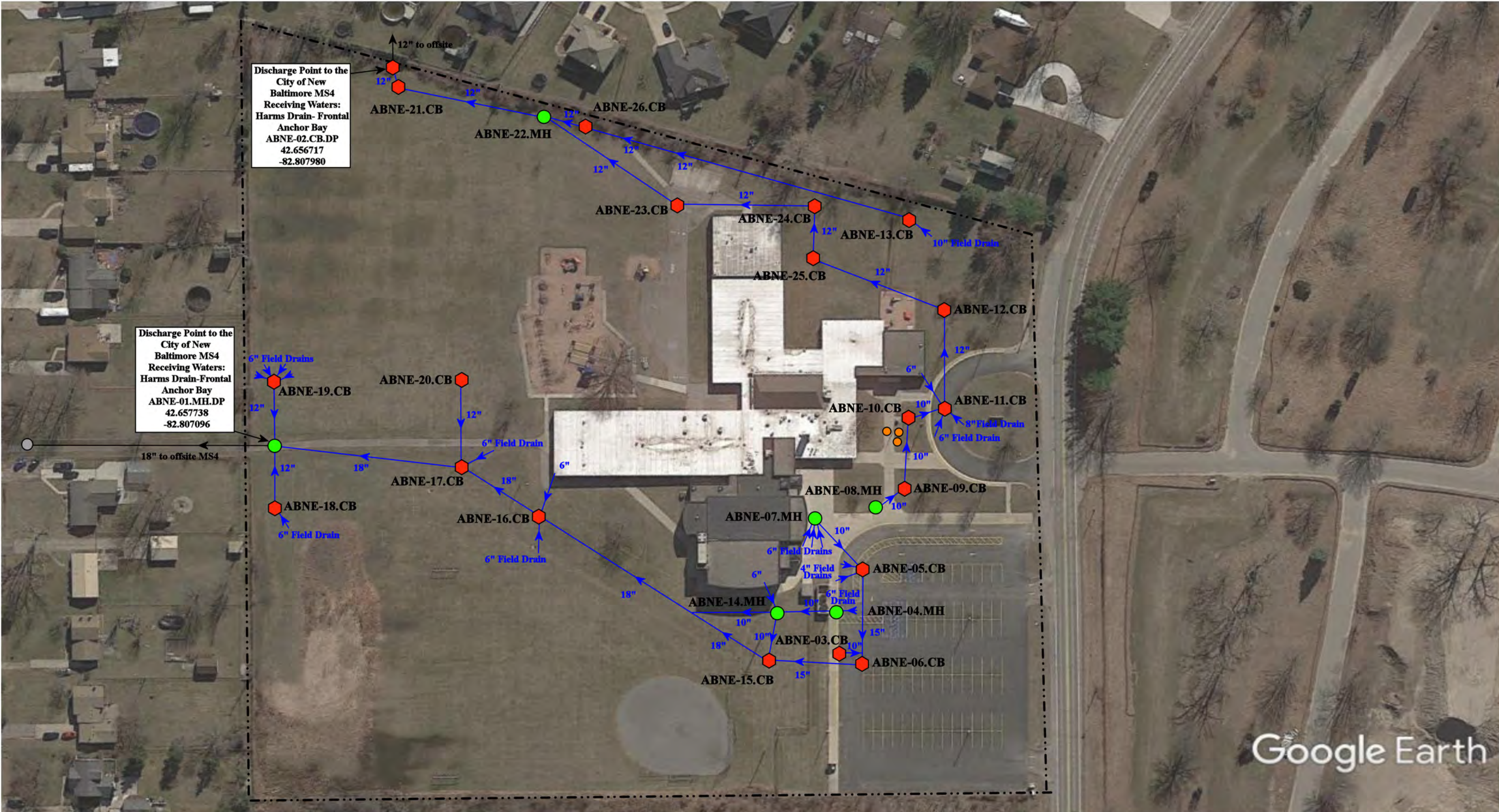


Anchor Bay Middle School-North, Ashley Elementary School,  
Lighthouse Elementary School, Bus Garage, and Aquatic Center &  
Fitness Center Complex

Anchor Bay School District

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date :	07/15/2022
Drawn by:	EDG
Reviewed:	KD
Page #:	3 of 3
Scale:	Not to Scale



Google Earth

47800 Sugarbush Rd, New Baltimore, MI 48047

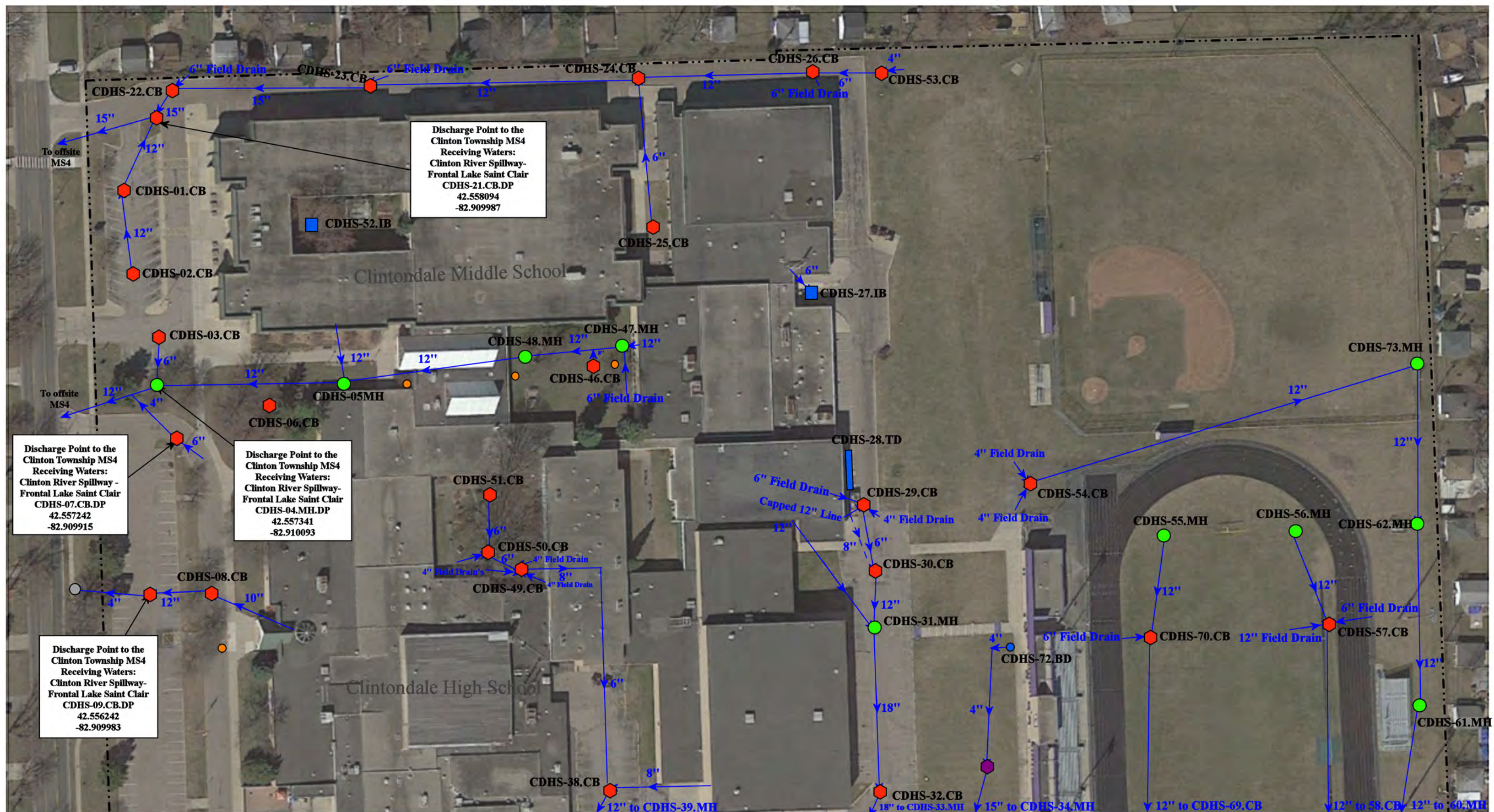
<h2 style="margin: 0;">Naldrett Elementary School</h2> <p style="margin: 0;">Anchor Bay Schools</p>	Revision Date:	07/14/2022
	Drawn by:	EDG
	Reviewed:	LK
	Page #:	1 of 1
	Scale:	Not to Scale

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater Conveyance Channel
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Underground Detention System
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	
= Sanitary	= Property Lines		

North

## Receiving Waters Table

Clintondale Community Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>Clintondale High School / Clintondale Middle School / Administration Complex</b>	CDHS-04.MH.DP	42.557341	-82.910093	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-07.CB.DP	42.557242	-82.909915	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-09.CB.DP	42.556242	-82.909983	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-11.CB.DP	42.556274	-82.909993	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-12.CB.DP	42.555996	-82.910012	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-13.CB.DP	42.555451	-82.909996	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-21.CB.DP	42.558094	-82.909987	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-35.CB.DP	42.555562	-82.907608	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDHS-36.BD.DP	42.554754	-82.907784	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
<b>McGlennen Elementary School</b>	CDME-01.MH.DP	42.563889	-82.903260	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDME-08.MH.DP	42.563235	-82.903327	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDME-15.MH.DP	42.564121	-82.903046	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
<b>Parker Elementary School</b>	CDPE-01.MH.DP	42.547599	-82.892922	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDPE-04.CB.DP	42.547528	-82.894305	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
<b>Rainbow Elementary School</b>	CDRE-01.MH.DP	42.544750	-82.913773	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair
	CDRE-02.CB.DP	42.545178	-82.913690	Clinton Township MS4	Clinton River Spillway - Frontal Lake St. Clair	Lake St. Clair



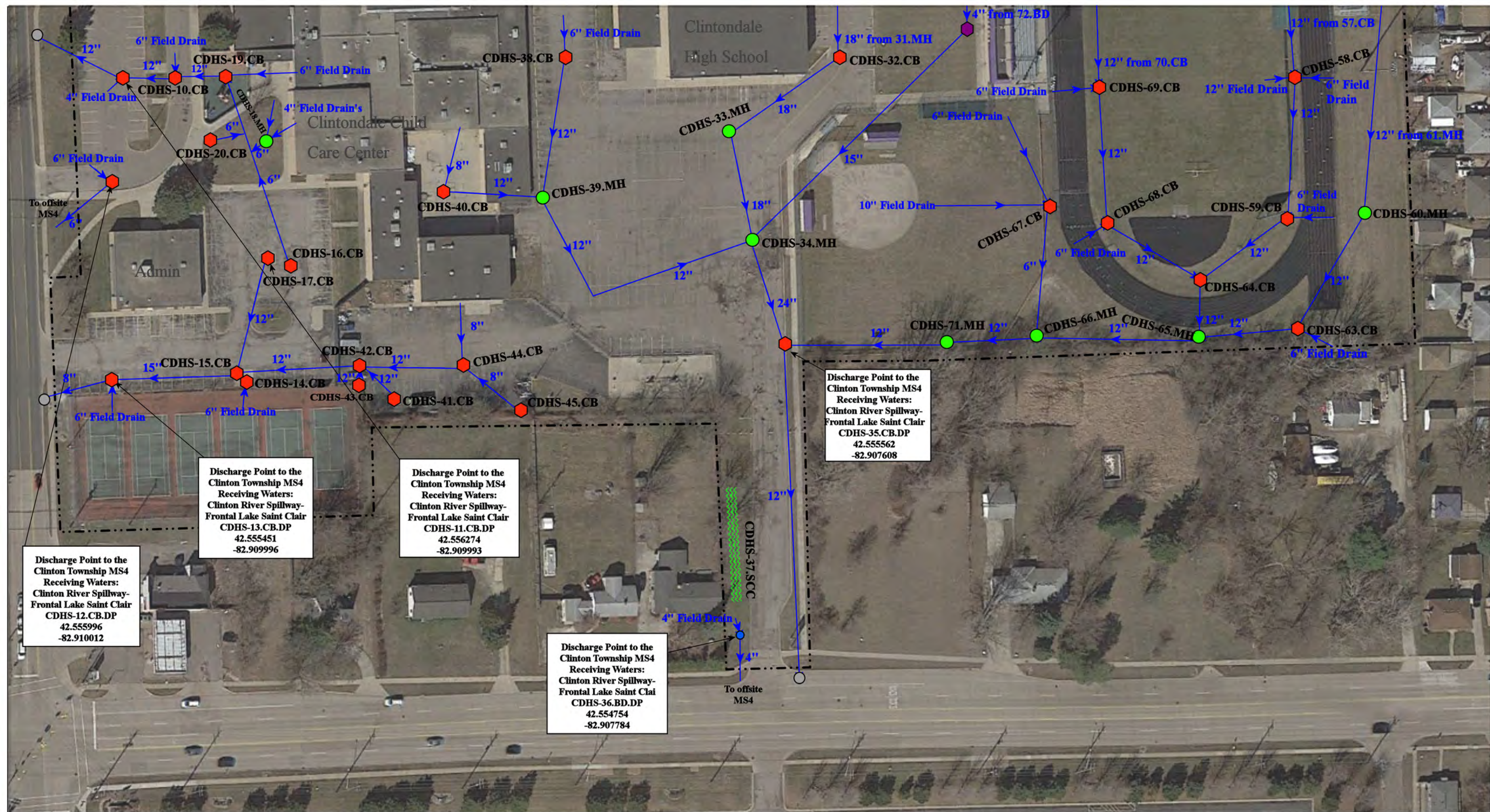
35300/35100 Little Mack Ave, Clinton Twp, MI 48035

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Conveyance Channel
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	= Underground Detention System
= Sanitary	= Property Lines		

North

Clintondale High School/Clintondale Middle School/ Clintondale Administration Complex	Revision Date:	11/3/2022
Clintondale Community Schools	Drawn by:	WM
	Reviewed:	LK
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Page #:	1 of 2
	Scale:	Not to Scale





Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Lake Saint Clair  
CDHS-12.CB.DP  
42.555996  
-82.910012

Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Lake Saint Clair  
CDHS-13.CB.DP  
42.555451  
-82.909996

Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Lake Saint Clair  
CDHS-11.CB.DP  
42.556274  
-82.909993

Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Lake Saint Clair  
CDHS-36.BD.DP  
42.554754  
-82.907784

Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Lake Saint Clair  
CDHS-35.CB.DP  
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-82.907608

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary

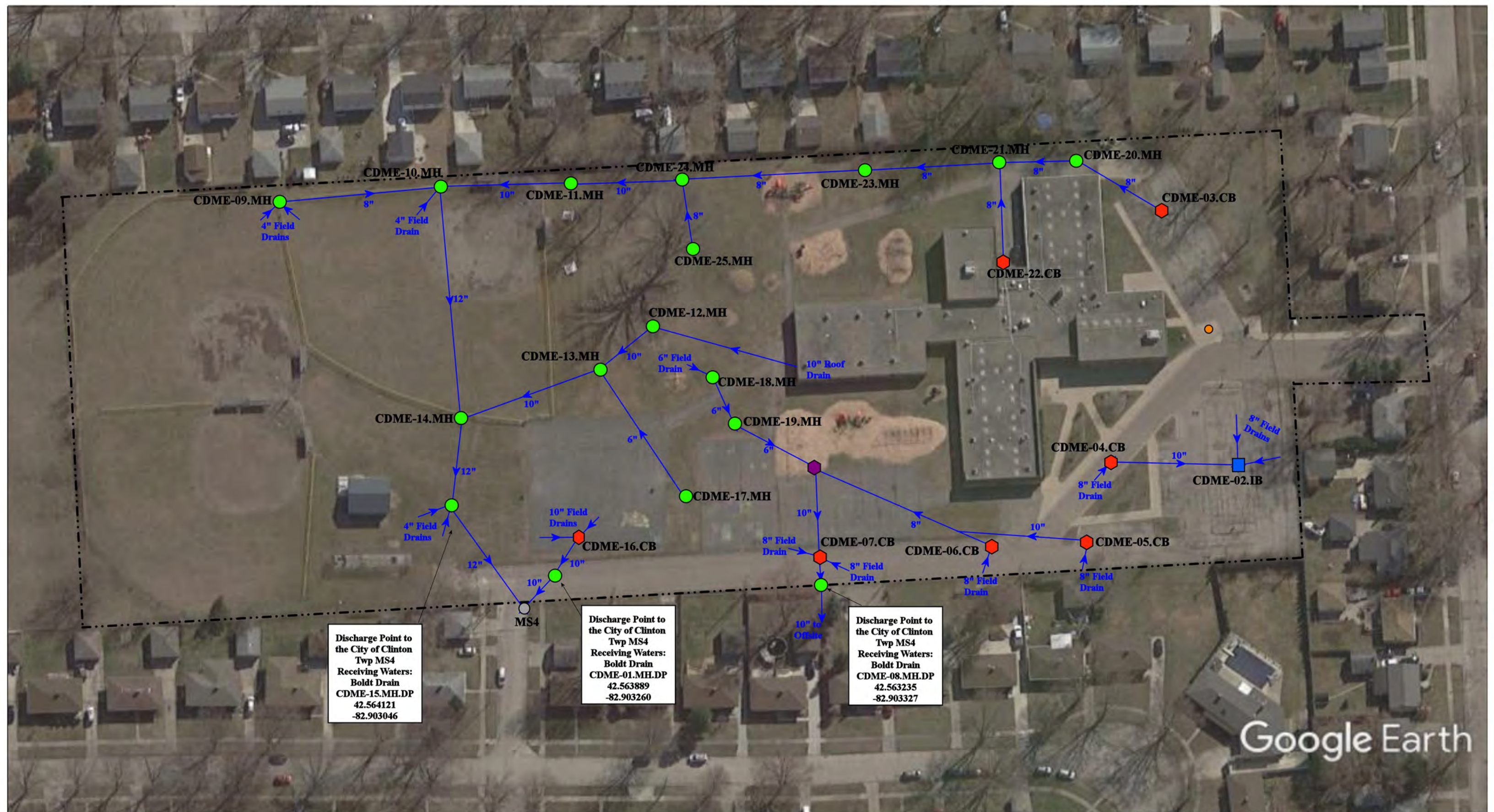
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- = Trench Drain
- - - = Property Lines

- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator

- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



35300/35100 Little Mack Ave, Clinton Twp, MI 48035		Revision Date :	11/3/2022
Clintondale High School/Clintondale Middle School/ Clintondale Administration Complex		Drawn by:	WM
Clintondale Community Schools		Reviewed:	LK
		Page #:	2 of 2
<small>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</small>		Scale:	Not to Scale



Discharge Point to the City of Clinton Twp MS4  
 Receiving Waters:  
 Boldt Drain  
 CDME-15.MH.DP  
 42.564121  
 -82.903046

Discharge Point to the City of Clinton Twp MS4  
 Receiving Waters:  
 Boldt Drain  
 CDME-01.MH.DP  
 42.563889  
 -82.903260

Discharge Point to the City of Clinton Twp MS4  
 Receiving Waters:  
 Boldt Drain  
 CDME-08.MH.DP  
 42.563235  
 -82.903327

Google Earth

21415 Sunnyview St, Clinton Township MI, 48035

----- = Property Lines

◆ = Catch Basin

● = Manhole

■ = Infiltration Basin

● = Sanitary

● = City of Clinton Twp MS4

◆ = Buried Basin

North



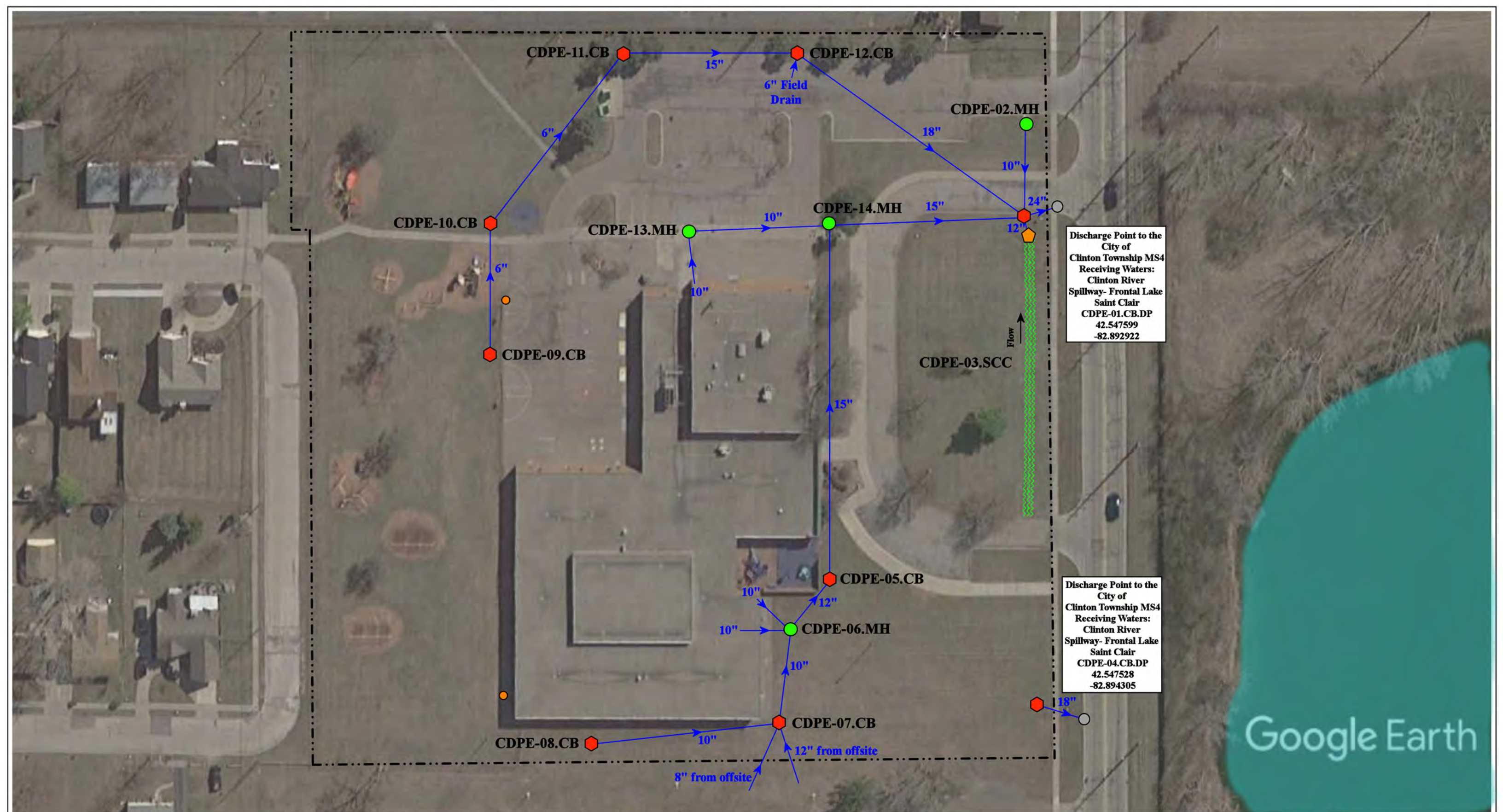
**McGlennen Elementary School**

Clintondale Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date :	08/30/2021
Drawn by:	EMB
Reviewed:	EG
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the City of Clinton Township MS4  
 Receiving Waters:  
 Clinton River  
 Spillway- Frontal Lake  
 Saint Clair  
 CDPE-01.CB.DP  
 42.547599  
 -82.892922

Discharge Point to the City of Clinton Township MS4  
 Receiving Waters:  
 Clinton River  
 Spillway- Frontal Lake  
 Saint Clair  
 CDPE-04.CB.DP  
 42.547528  
 -82.894305

Google Earth

22055 Quinn Rd, Clinton Township, MI 48035

**Parker Elementary School**

Clintondale Community Schools

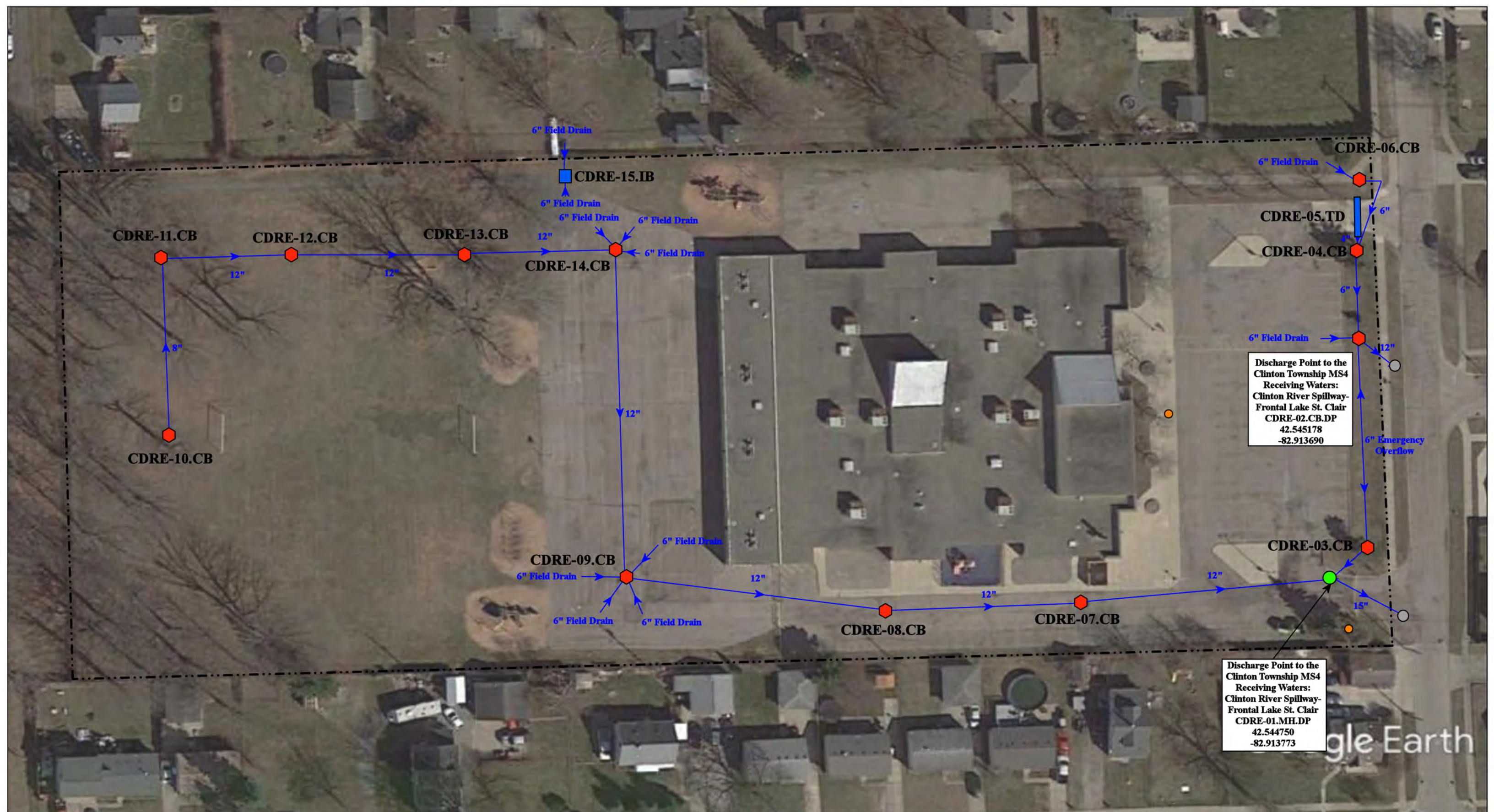


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305



- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

Revision Date:	2/15/2023
Drawn by:	MRW
Reviewed:	KD
Page #:	1 of 1
Scale:	Not to Scale



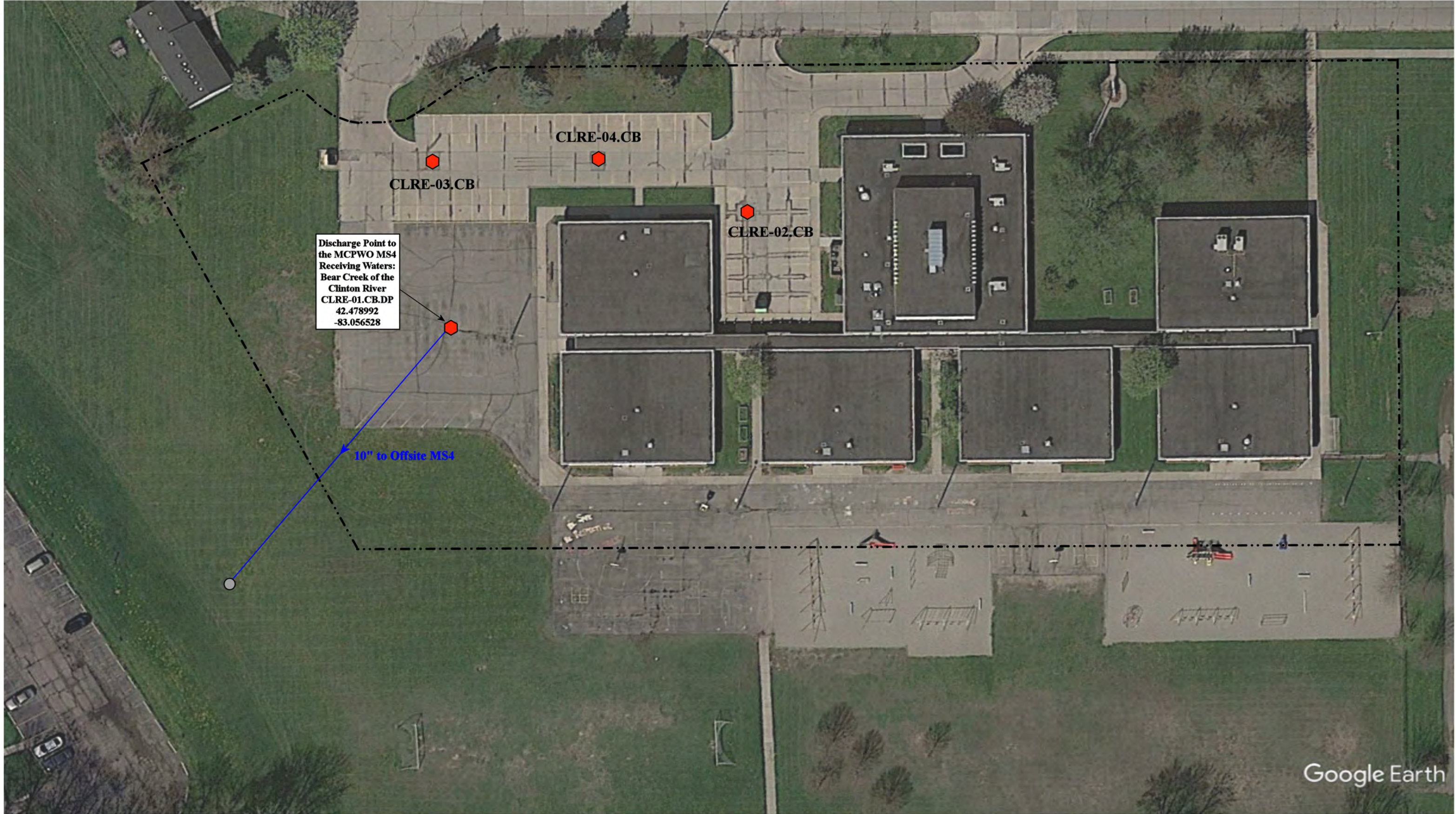
Discharge Point to the Clinton Township MS4 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 CDRE-02.CB.DP  
 42.545178  
 -82.913690

Discharge Point to the Clinton Township MS4 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 CDRE-01.MH.DP  
 42.544750  
 -82.913773

<ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> </ul>				<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">◆</span> = Drainage Receptor</li> <li><span style="border-bottom: 2px solid blue;">  </span> = Trench Drain</li> <li>--- = Property Lines</li> </ul>				<ul style="list-style-type: none"> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="border: 1px solid purple; border-radius: 50%; padding: 2px;">  </span> = Flow Splitter</li> <li><span style="color: blue; border: 1px solid blue; border-radius: 50%; padding: 2px;">  </span> = Hydrodynamic Separator</li> </ul>				<ul style="list-style-type: none"> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="border-bottom: 2px dashed cyan;">  </span> = Swale/Stormwater Conveyance Channel</li> <li><span style="border-bottom: 2px solid blue; border-left: 2px solid blue; border-right: 2px solid blue;">  </span> = Underground Detention System</li> </ul>				<p>North</p>		<p>33749 Wurfel Street, Clinton Township MI, 48035</p> <h2 style="margin: 0;">Rainbow Elementary School</h2> <p style="margin: 0;">Clintondale Community Schools</p>		<p>Revision Date: 02/16/2023</p> <p>Drawn by: JLP</p> <p>Reviewed: BK</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p>	
<ul style="list-style-type: none"> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="border: 1px solid purple; border-radius: 50%; padding: 2px;">  </span> = Flow Splitter</li> <li><span style="color: blue; border: 1px solid blue; border-radius: 50%; padding: 2px;">  </span> = Hydrodynamic Separator</li> </ul>				<ul style="list-style-type: none"> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="border-bottom: 2px dashed cyan;">  </span> = Swale/Stormwater Conveyance Channel</li> <li><span style="border-bottom: 2px solid blue; border-left: 2px solid blue; border-right: 2px solid blue;">  </span> = Underground Detention System</li> </ul>				<p>37720 Interchange Drive        Farmington Hills, MI 48335        Phone: 248-426-0165        Fax: 248-427-0305</p>													

## Receiving Waters Table

Center Line Public Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>Administration, Center Line High School, Wolfe Middle School, (New) Peck Elementary School &amp; Early Childhood Center Complex</b>	CLHA-02.CB.DP	42.488559	-83.021689	City of Center Line MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
	CLHA-40.CB.DP	42.487155	-83.021589	City of Center Line MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
	CLHA-53.MH.DP	42.488979	-83.016889	City of Center Line MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
	CLHA-55.BD.DP	42.488575	-83.016681	City of Center Line MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
	CLHA-56.MH.DP	42.486849	-83.016380	City of Center Line MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
	CLHA-70.CB.DP	42.486077	-83.021706	City of Center Line MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
<b>Crothers Elementary School</b>	CLCE-01.CB.DP	42.494795	-83.016557	City of Warren MS4	Bear Creek of the Clinton River	Clinton River Watershed
	CLCE-02.MH.DP	42.495533	-83.016668	City of Warren MS4	Bear Creek of the Clinton River	Clinton River Watershed
	CLCE-03.CB.DP	42.495861	-83.015637	City of Warren MS4	Bear Creek of the Clinton River	Clinton River Watershed
<b>(New) Roose Elementary School (Formerly Early Childhood Center/Ladd Elementary)</b>	ROO-01.MH.DP	42.474147	-83.058814	City of Warren MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
	ROO-20.CB.DP	42.473734	-83.058330	City of Warren MS4	McCoy Drain - Red Run of the Clinton River	Clinton River Watershed
<b>Kaltz Center (Former Peck Elementary School)</b>	None	N/A	N/A	N/A	N/A	N/A
<b>(Old) Roose Elementary School</b>	CLRE-01.CB.DP	42.478992	-83.056528	MCPWO MS4	Bear Creek of the Clinton River	Clinton River Watershed
<b>Transportation and Maintenance</b>	CLTM-01.CB.DP	42.471236	-83.031948	City of Center Line MS4	Harrington Drain of the Clinton River	Clinton River Watershed
	CLTM-02.CB.DP	42.470992	-83.032764	City of Center Line MS4	Harrington Drain of the Clinton River	Clinton River Watershed
	CLTM-04.CB.DP	42.470778	-83.031959	City of Center Line MS4	Harrington Drain of the Clinton River	Clinton River Watershed



25310 Masch Ave, Warren, Michigan 48091

**(Old) Roose Elementary**

Center Line Public Schools

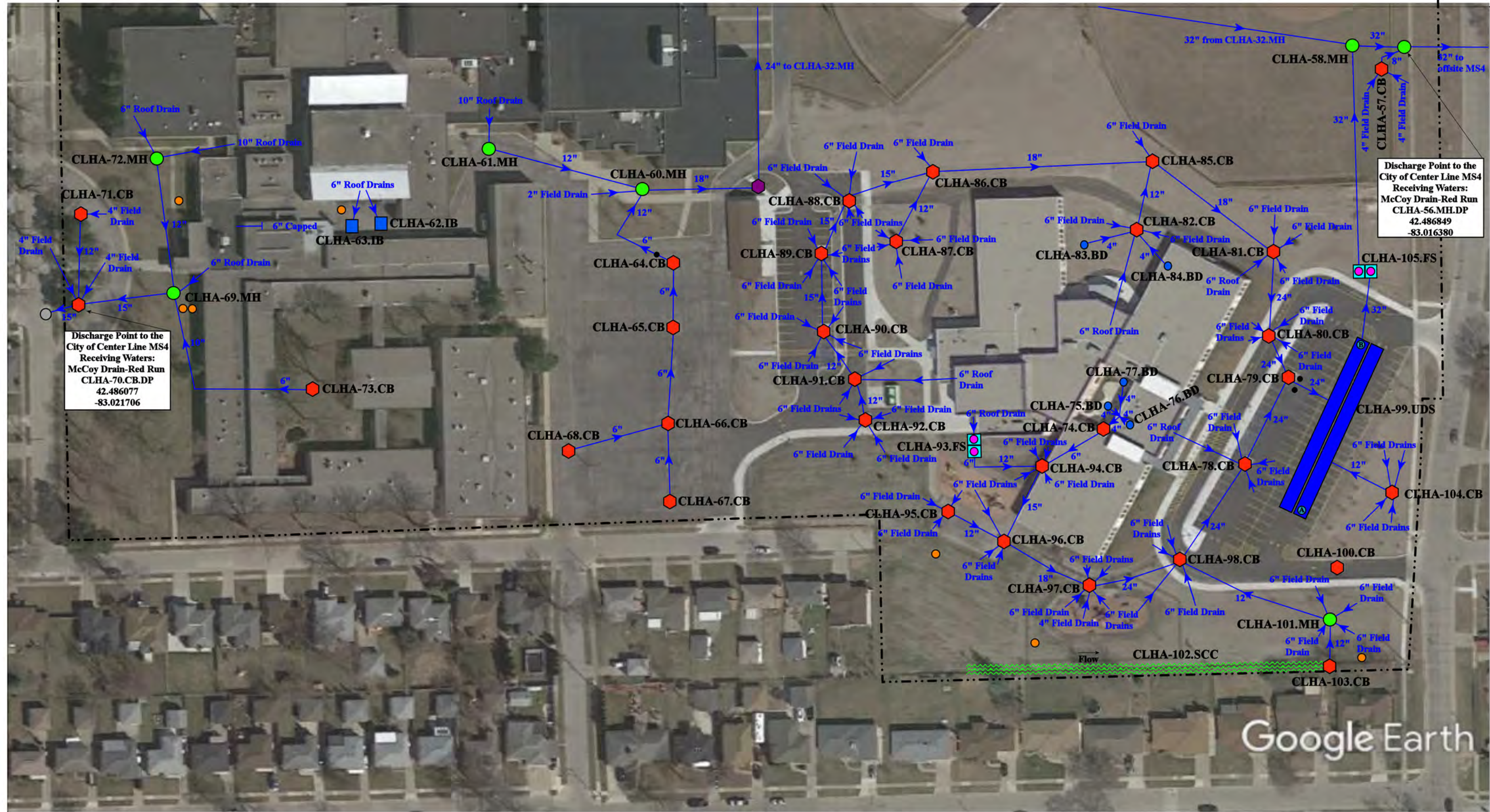


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date :	1/11/2023
Drawn by:	WM
Reviewed:	EG
Page #:	1 of 1
Scale:	Not to Scale

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |





26300 Arsenal St, Center Line, MI 48015; 26334 Arsenal St, Center Line, MI 48015; 8640 McKinley, Center Line, MI 48015; 26201 Lorraine, Center Line, MI 48015

- = Property Line
- ⬮ = Catch Basin
- = Manhole
- ⬮ (purple) = Buried Structure
- (orange) = Sanitary
- ⬮ (pink) = Flow Splitter
- (grey) = Offsite MS4
- (blue) = Infiltration Basin
- ⬮ (blue) = Underground Detention System
- ⬮ (green wavy) = Stormwater Conveyance Channel
- (black) = Cleanout
- (grey) = Offsite MS4
- (blue) = Infiltration Basin



Administration, Center Line High School, Ellis Building-Special Services, Wolfe Middle School, (New) Peck Elementary School, and (New) Early Childhood Center Complex <b>Center Line Public Schools</b>		Revision Date: 7/27/2021 Drawn by: BJK Reviewed: LK Page #: 2 of 2 Scale: Not to Scale
	37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	



26300 Arsenal St, Center Line, MI 48015; 26334 Arsenal St, Center Line, MI 48015; 8640 McKinley, Center Line, MI 48015; 26201 Lorraine, Center Line, MI 48015

--- = Property Lines

■ = Infiltration Basin

○ = Offsite MS4

⬮ = Catch Basin

● = Basin Drain

● = Manhole

● = Sanitary

North



Administration, Center Line High School, Ellis Building-Special Services, Wolfe Middle School, (New) Peck Elementary School, and (New) Early Childhood Center Complex

Center Line Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date: 7/27/2021

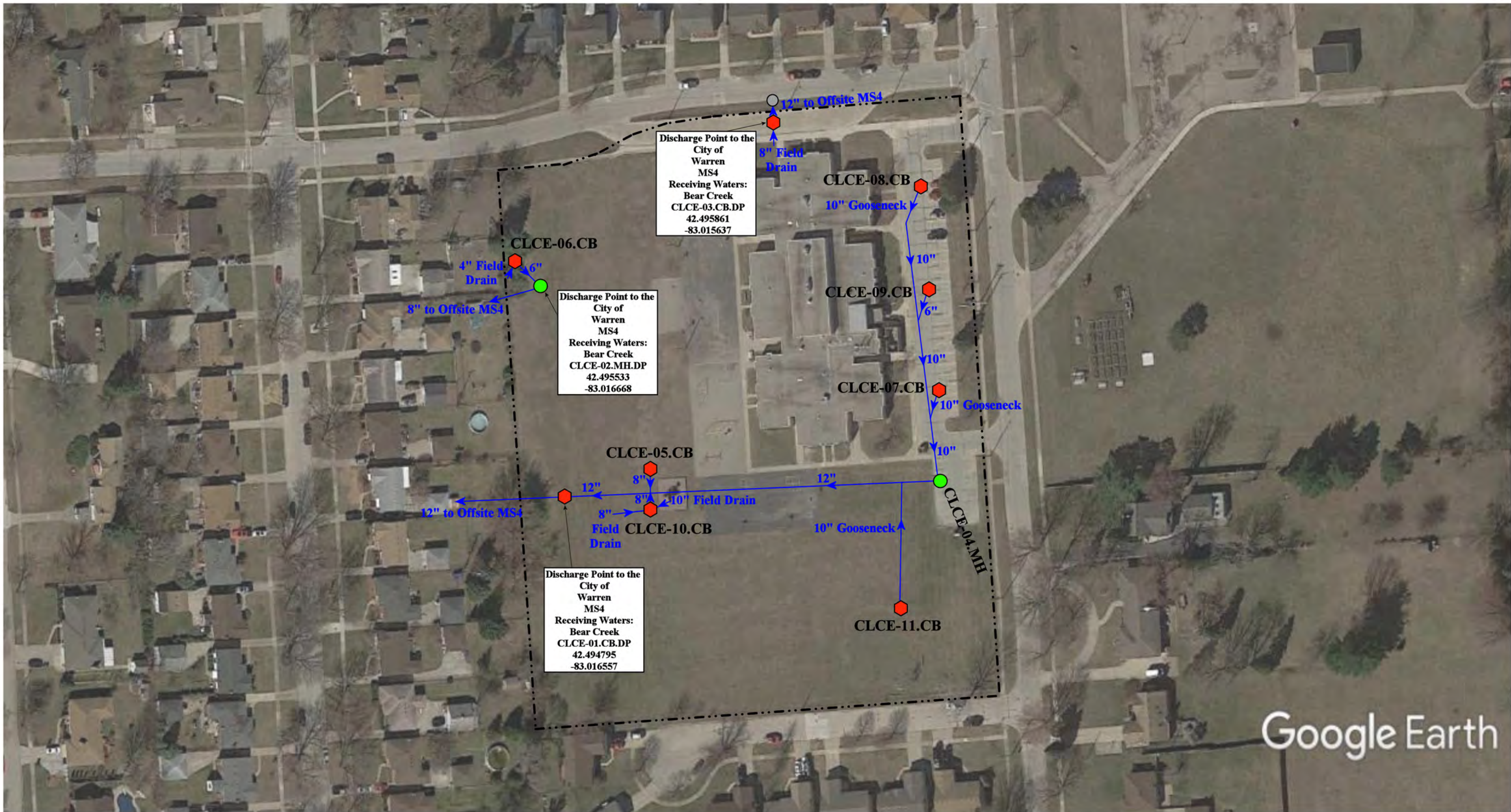
Drawn by: BJK

Reviewed: LK

Page #: 1 of 2

Scale: Not to Scale





Google Earth

27401 Campbell Road, Warren, MI 48093

### Crothers Elementary School

Center Line Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Revision Date :	1/12/2023
Drawn by:	WM
Reviewed:	EG
Page #:	1 of 1
Scale:	Not to Scale



Google Earth

11300 Engleman Ave, Warren MI, 48089

----- = Property Lines

■ = Infiltration Basin

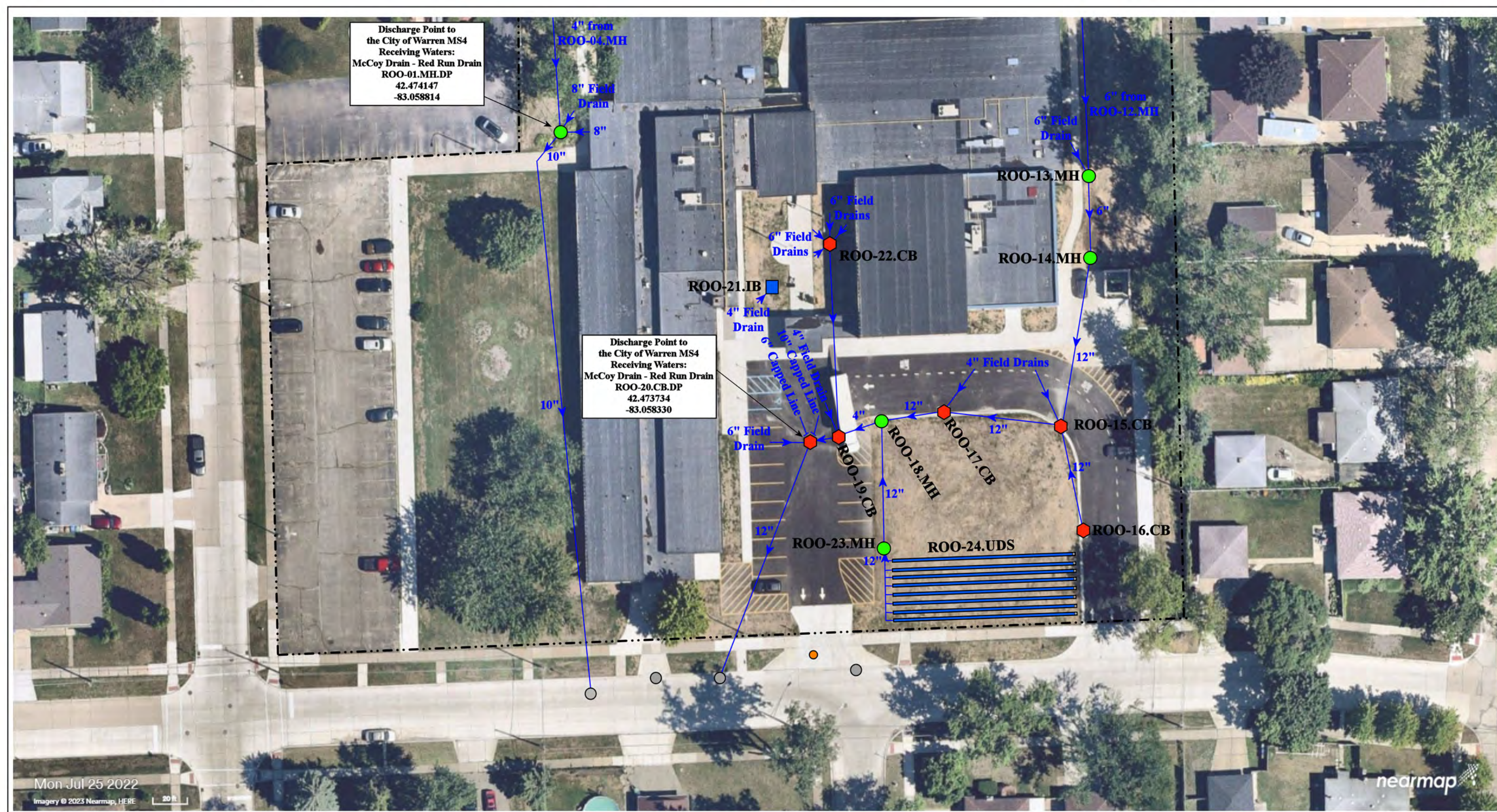


**Kaltz Center**  
 (Former Peck Elementary School)  
 Center Line Public Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date :	01/21/2022
Drawn by:	WM
Reviewed:	EG
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 McCoy Drain - Red Run Drain  
 ROO-01.MH.DP  
 42.474147  
 -83.058814


Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 McCoy Drain - Red Run Drain  
 ROO-20.CB.DP  
 42.473734  
 -83.058330

Mon Jul 25 2022  
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nearmap

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



24580 Cunningham, Warren, Michigan 48091	
<b>Roose Elementary School</b>	
Center Line Public Schools	
	37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305
Revision Date :	04/07/2023
Drawn by:	KD
Reviewed:	CJ
Page #:	1 of 3
Scale:	Not to Scale



Mon Jul 25 2022  
 Imagery © 2023 Nearmap, HERE

nearmap

24580 Cunningham, Warren, Michigan 48091				Revision Date : 04/10/2023	
<b>Roose Elementary School</b> Center Line Public Schools				Drawn by: KD	
				Reviewed: CJ	
				Page #: 2 of 3	
				Scale: Not to Scale	
<ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>--- = Property Lines</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: magenta;">◆</span> = Flow Splitter</li> <li><span style="color: blue;">⊗</span> = Hydrodynamic Separator</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> = Pond/Basin</li> <li><span style="color: green;">~</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">—</span> = Underground Detention System</li> </ul>	North 	



Mon Jul 25 2022  
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nearmap

24580 Cunningham, Warren, Michigan 48091

# Roose Elementary School

Center Line Public Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date :	04/10/2023
Drawn by:	KD
Reviewed:	CJ
Page #:	3 of 3
Scale:	Not to Scale



- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



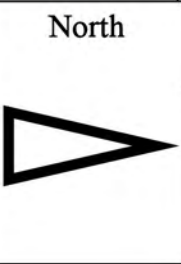
Discharge Point to the City of Center Line MS4  
 Receiving Waters:  
 Harrington Drain  
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 -83.032764

Discharge Point to the City of Center Line MS4  
 Receiving Waters:  
 Harrington Drain  
 CLTM-01.CB.DP  
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 -83.031948

Discharge Point to the City of Center Line MS4  
 Receiving Waters:  
 Harrington Drain  
 CLTM-04.CB.DP  
 42.470778  
 -83.031959

23901 Lawrence, Center Line, MI 48015

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- ▭ = Pond/Basin
- ▭ = Swale/Stormwater Conveyance Channel
- ▭ = Underground Detention System



**Transportation & Maintenance**

Center Line Public Schools

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date:	05/16/2022
Drawn by:	MRW
Reviewed:	BK
Page #:	1 of 1
Scale:	Not to Scale

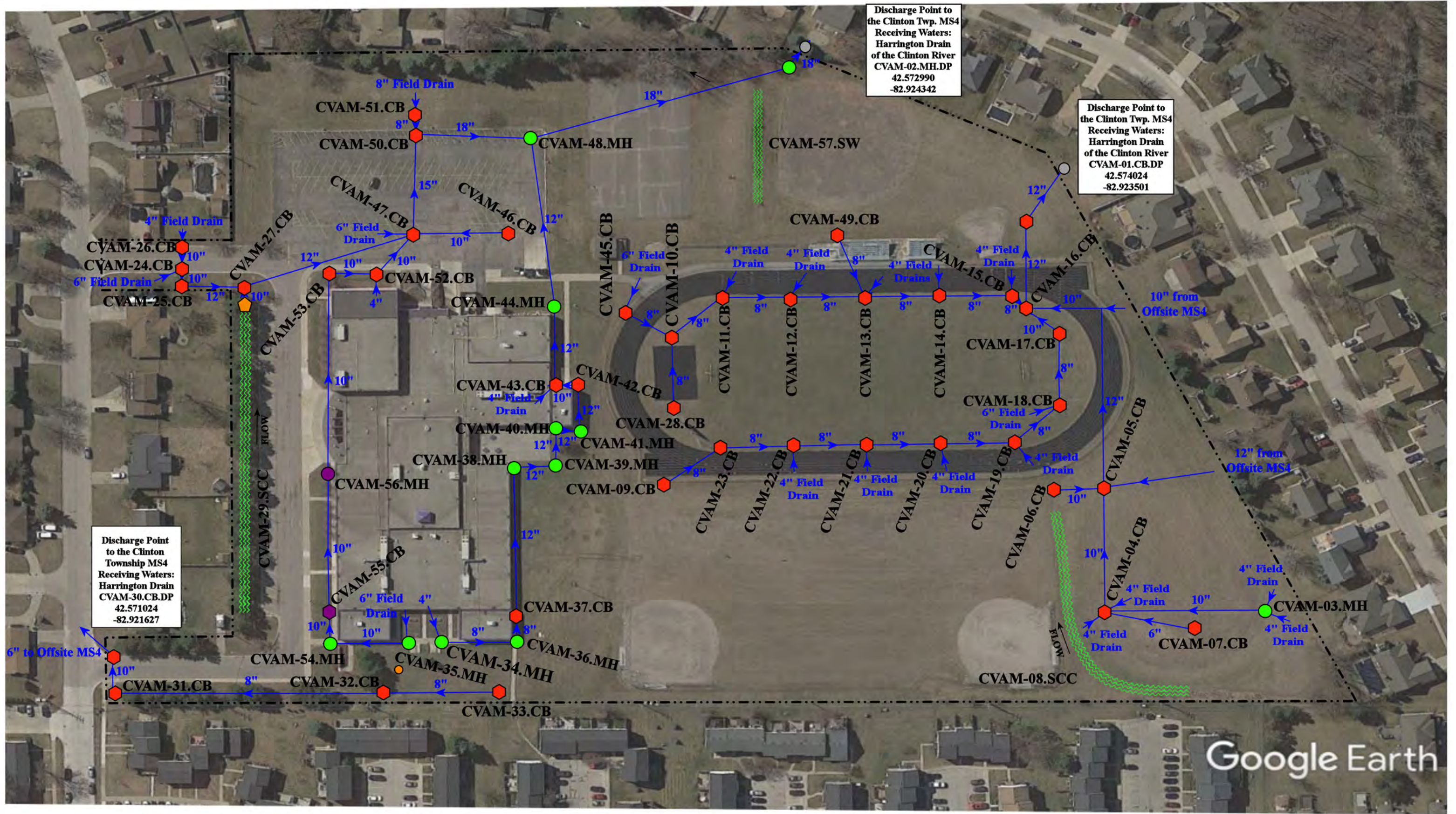
## Receiving Waters Table

Chippewa Valley Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>Algonquin Middle School</b>	CVAM-01.CB.DP	42.574024	-82.923501	Clinton Township MS4	Harrington Drain	Clinton River
	CVAM-02.MH.DP	42.572990	-82.924342	Clinton Township MS4	Harrington Drain	Clinton River
	CVAM-30.CB.DP	42.571024	-82.921627	Clinton Township MS4	Harrington Drain	Clinton River
<b>Cherokee Elementary School</b>	CVCE-01.MH.DP	42.612859	-82.919414	Clinton Township MS4	Miller Drain, Middle Branch of Clinton River	Clinton River
<b>Cheyenne Elementary School, Seneca Middle School, Dakota High School, and Dakota 9th Grade Center Complex</b>	DCS-01.MH.DP	42.643506	-82.914024	Macomb Township MS4	Nicol Drain/ Miller Drain	Clinton River
<b>Chippewa Valley 9th Grade Center and Chippewa Valley High School</b>	CVHS-01.CB.DP	42.609694	-82.940280	Clinton Township MS4	Middle Branch of the Clinton River	Clinton River
	CVHS-02.CB.DP	42.609704	-82.939243	Clinton Township MS4	Middle Branch of the Clinton River	Clinton River
	CVHS-03.CB.DP	42.609717	-82.937891	Clinton Township MS4	Middle Branch of the Clinton River	Clinton River
	CVHS-04.CB.DP	42.609750	-82.937602	Clinton Township MS4	Middle Branch of the Clinton River	Clinton River
	CVHS-126.CB.DP	42.609843	-82.936014	Clinton Township MS4	Middle Branch of the Clinton River	Clinton River
	CVHS-131.OP.OF	42.610321	-82.934007	Surface Waters of the State	Tributary of the Middle Branch of the Clinton River	Clinton River
	CVHS-132.OP.OF	42.610725	-82.933486	Surface Waters of the State	Tributary of the Middle Branch of the Clinton River	Clinton River
<b>Clinton Valley Elementary</b>	CVES-01.CB.DP	42.582860	-82.898352	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
	CVES-02.CB.DP	42.581787	-82.898636	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
<b>Fox Elementary School</b>	CVFE-02.MH.DP	42.633751	-82.946142	Macomb Township MS4	Gloede Ditch Drain of the Clinton River	Clinton River
	CVFE-16.MH.DP	42.634850	-82.946250	Macomb Township MS4	Gloede Ditch Drain of the Clinton River	Clinton River
<b>Huron Elementary School</b>	CVHE-01.SCC.OF	42.590566	-82.964976	Surface Waters of the State	Cranberry Marsh Drain-Clinton River	Clinton River
	CVHE-02.SCC.OF	42.591066	-82.966624	Surface Waters of the State	Cranberry Marsh Drain-Clinton River	Clinton River
	CVHE-03.CB.DP	42.590608	-82.964160	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
	CVHE-06.CB.DP	42.591155	-82.963523	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
	CVHE-15.CB.DP	42.590583	-82.963514	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
	CVHE-17.MH.DP	42.590831	-82.964160	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
	CVHE-18.MH.DP	42.592137	-82.964488	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River

## Receiving Waters Table

Chippewa Valley Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>Little Turtle Macomb Center and Shawnee Elementary School Complex</b>	CVSH-01.MH.DP	42.666649	-82.901197	Macomb Township MS4	Hafel Drain - North Branch of the Clinton River	Clinton River
	CVSH-02.MH.DP	42.666775	-82.902264	Macomb Township MS4	Hafel Drain - North Branch of the Clinton River	Clinton River
	CVSH-28.DP.DP	42.665784	-82.902531	Macomb Township MS4	Hafel Drain - North Branch of the Clinton River	
	CVSH-31.CB.DP	42.668866	-82.899078	Macomb Township MS4	Hafel Drain - North Branch of the Clinton River	Clinton River
	CVSH-35.CB.DP	42.666644	-82.899466	Macomb Township MS4	Hafel Drain - North Branch of the Clinton River	Clinton River
	CVSH-37.DR.DP	42.665973	-82.899535	Macomb Township MS4	Hafel Drain - North Branch of the Clinton River	Clinton River
<b>Miami Elementary School</b>	CVME-01.DP.DP	42.601611	-82.958915	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River
<b>Mohawk Elementary School and Iroquois Middle School Complex</b>	CVIM-01.MH.DP	42.650938	-82.937062	Macomb Township MS4	Middle Branch of Clinton River	Clinton River
	CVIM-31.CB.DP	42.652063	-82.937094	Macomb Township MS4	Middle Branch of Clinton River	Clinton River
	CVIM-41.CB.DP	42.650172	-82.940841	Macomb Township MS4	Middle Branch of Clinton River	Clinton River
	CVIM-70.MH.DP	42.652255	-82.938311	Macomb Township MS4	Middle Branch of Clinton River	Clinton River
<b>Mohegan High School, Community Education Center, and Erie Elementary School Complex</b>	CVAB-05.CB.DP	42.609484	-82.927370	Clinton Township MS4	Middle Branch of Clinton River	Clinton River
	CVAB-32.CB.DP	42.607592	-82.929315	Clinton Township MS4	Middle Branch of Clinton River	Clinton River
	CVAB-40.MH.DP	42.608140	-82.932102	Clinton Township MS4	Middle Branch of Clinton River	Clinton River
	CVAB-47.CB.DP	42.609407	-82.932301	Clinton Township MS4	Middle Branch of Clinton River	Clinton River
	CVAB-49.DR.DP	42.609469	-82.932361	Clinton Township MS4	Middle Branch of Clinton River	Clinton River
<b>Ojibwa Elementary School</b>	OJIB-06.DR.DP	42.642993	-82.916326	Macomb Township MS4	Middle Branch of Clinton River	Clinton River
	OJIB-23.MH.DP	42.641387	-82.913745	Macomb Township MS4	Middle Branch of Clinton River	Clinton River
<b>Ottawa Elementary School</b>	CVOT-01.SCC.OF	42.571705	-82.927173	Surface Waters of the State	Harrington Drain	Clinton River
<b>Sequoyah Elementary School</b>	CVSQ-01.CB.DP	42.679770	-82.938392	Macomb Township MS4	Middle Branch Clinton River	Clinton River
	CVSQ-17.MH.DP	42.680873	-82.942401	MCPWO	Middle Branch Clinton River	Clinton River
<b>Wyandot Middle School</b>	CVWM-01.MH.DP	42.586450	-82.944597	Clinton Township MS4	Cranberry Marsh Drain-Clinton River	Clinton River





Discharge Point to the Clinton Twp. MS4  
Receiving Waters:  
Harrington Drain  
of the Clinton River  
CVAM-02.MH.DP  
42.572990  
-82.924342

Discharge Point to the Clinton Twp. MS4  
Receiving Waters:  
Harrington Drain  
of the Clinton River  
CVAM-01.CB.DP  
42.574024  
-82.923501

Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Harrington Drain  
CVAM-30.CB.DP  
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19150 Briarwood Lane, Clinton Twp., Michigan 48036

# Algonquin Middle School

Chippewa Valley Schools

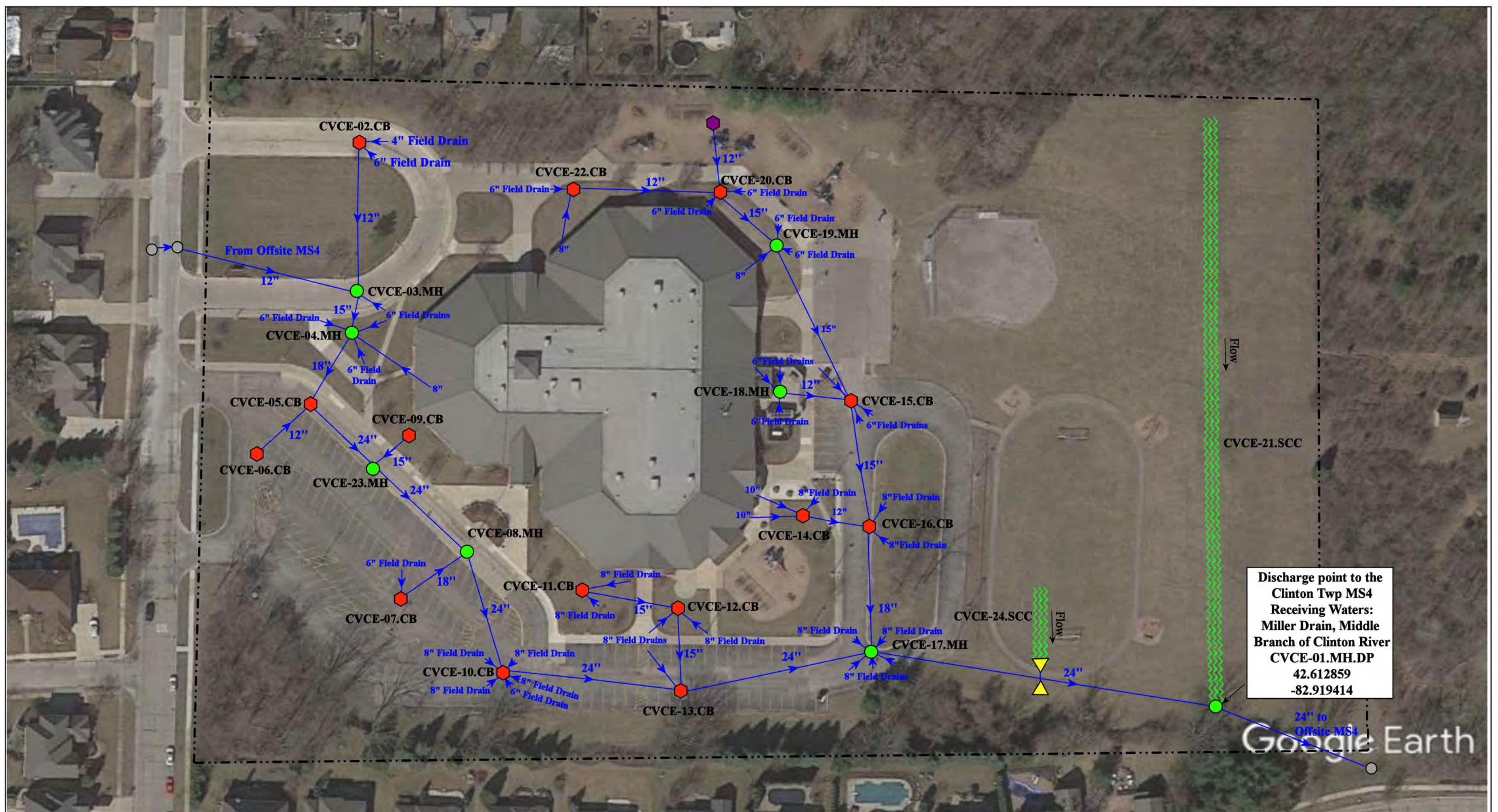


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Infiltration Basin
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

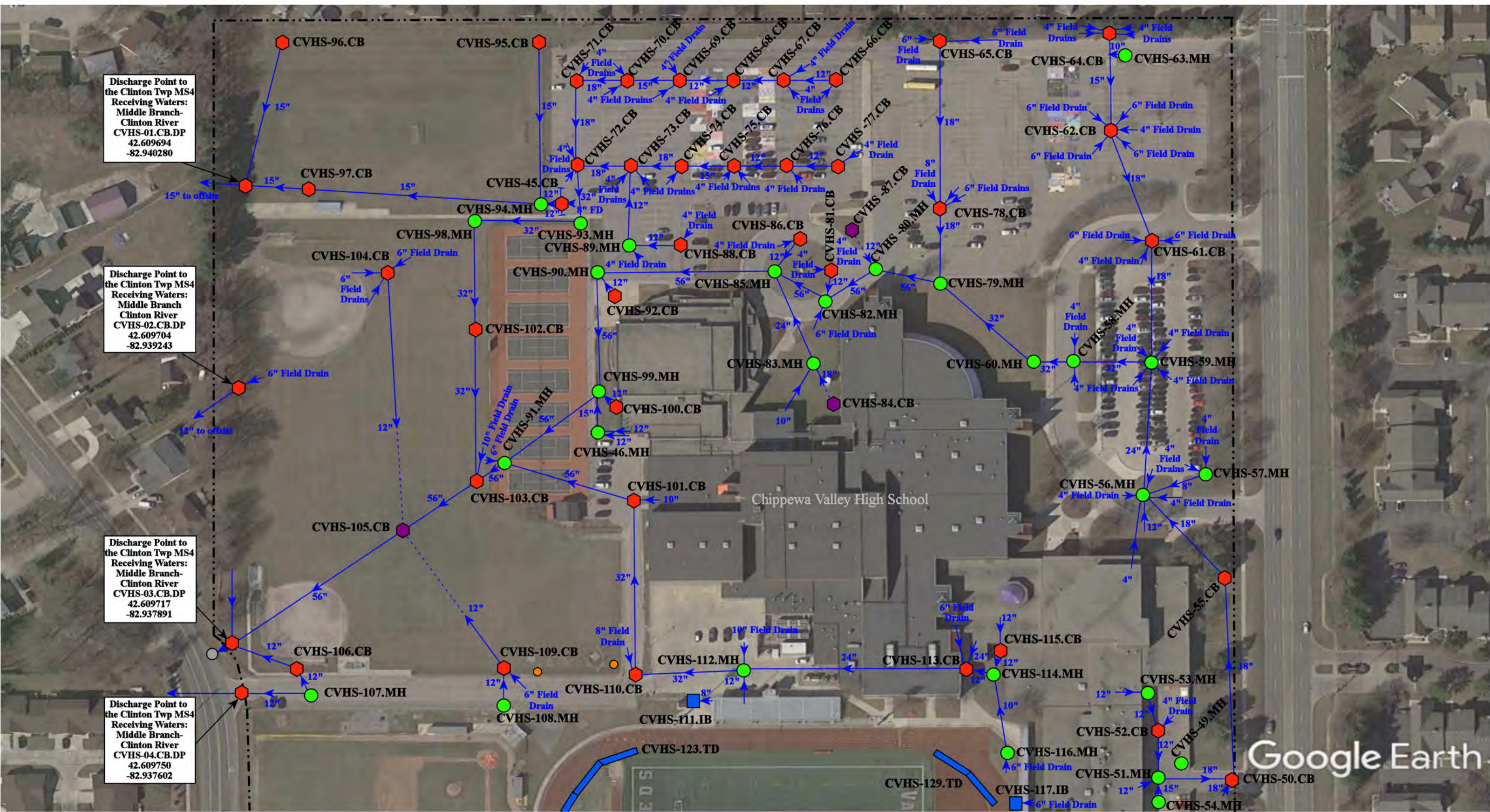


Revision Date:	06/23/2022
Drawn by:	KD
Reviewed:	EG
Page #:	1 of 1
Scale:	Not to Scale



Discharge point to the  
Clinton Twp MS4  
Receiving Waters:  
Miller Drain, Middle  
Branch of Clinton River  
CVCE-01.MH.DP  
42.612859  
-82.919414

<ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">○</span> = Offsite MS4</li> <li><span style="color: orange;">○</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - = Property Lines</li> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: cyan;">◆</span> = Flow Splitter</li> <li><span style="color: cyan;">⊗</span> = Hydrodynamic Separator</li> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="color: green;">~</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">—</span> = Underground Detention System</li> </ul>				<p>North</p>	<p>42900 Rivergate Dr, Clinton Twp , MI, 48038</p> <h2 style="margin: 0;">Cherokee Elementary School</h2> <p style="margin: 0;">Chippewa Valley Schools</p>		<p>Revision Date : 3/24/2023</p> <p>Drawn by: WM</p> <p>Reviewed: BK</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p>
<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>							



Discharge Point to the Clinton Twp MS4  
Receiving Waters:  
Middle Branch  
Clinton River  
CVHS-01.CB.DP  
42.609694  
-82.940280

Discharge Point to the Clinton Twp MS4  
Receiving Waters:  
Middle Branch  
Clinton River  
CVHS-02.CB.DP  
42.609704  
-82.939243

Discharge Point to the Clinton Twp MS4  
Receiving Waters:  
Middle Branch  
Clinton River  
CVHS-03.CB.DP  
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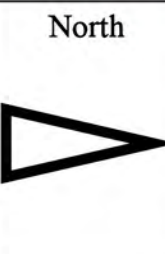
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Receiving Waters:  
Middle Branch  
Clinton River  
CVHS-04.CB.DP  
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Chippewa Valley High School

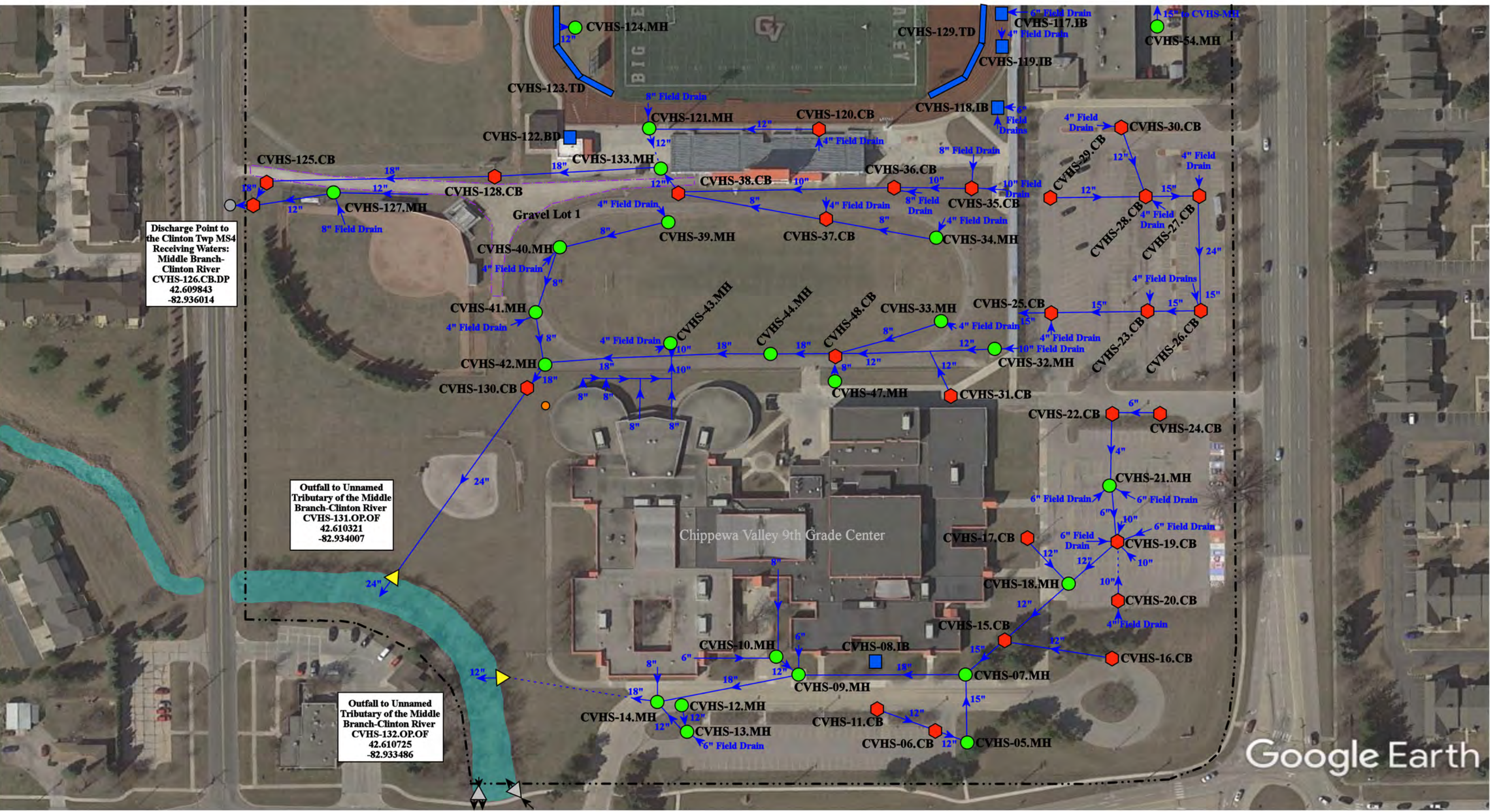
Google Earth

42755 Romeo Plank Rd & 18300 19 Mile Rd., Clinton Twp, MI 48048

- ⬠ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ⬠ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ⬠ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬠ = Buried Structure
- ⬠ = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- ⬠ = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



<b>Chippewa Valley 9th Grade Center &amp; Chippewa Valley High School Complex</b>		Revision Date:	11/11/2022
Chippewa Valley Schools		Drawn by:	CJ
		Reviewed:	LK
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305		Page #:	1 of 2
		Scale:	Not to Scale



Discharge Point to the Clinton Twp MS4  
 Receiving Waters:  
 Middle Branch-Clinton River  
 CVHS-126.CB.DP  
 42.609843  
 -82.936014

Outfall to Unnamed Tributary of the Middle Branch-Clinton River  
 CVHS-131.OP.OF  
 42.610321  
 -82.934007

Outfall to Unnamed Tributary of the Middle Branch-Clinton River  
 CVHS-132.OP.OF  
 42.610725  
 -82.933486

Google Earth

= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater Conveyance Channel
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Underground Detention System
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	
= Sanitary	= Property Lines		

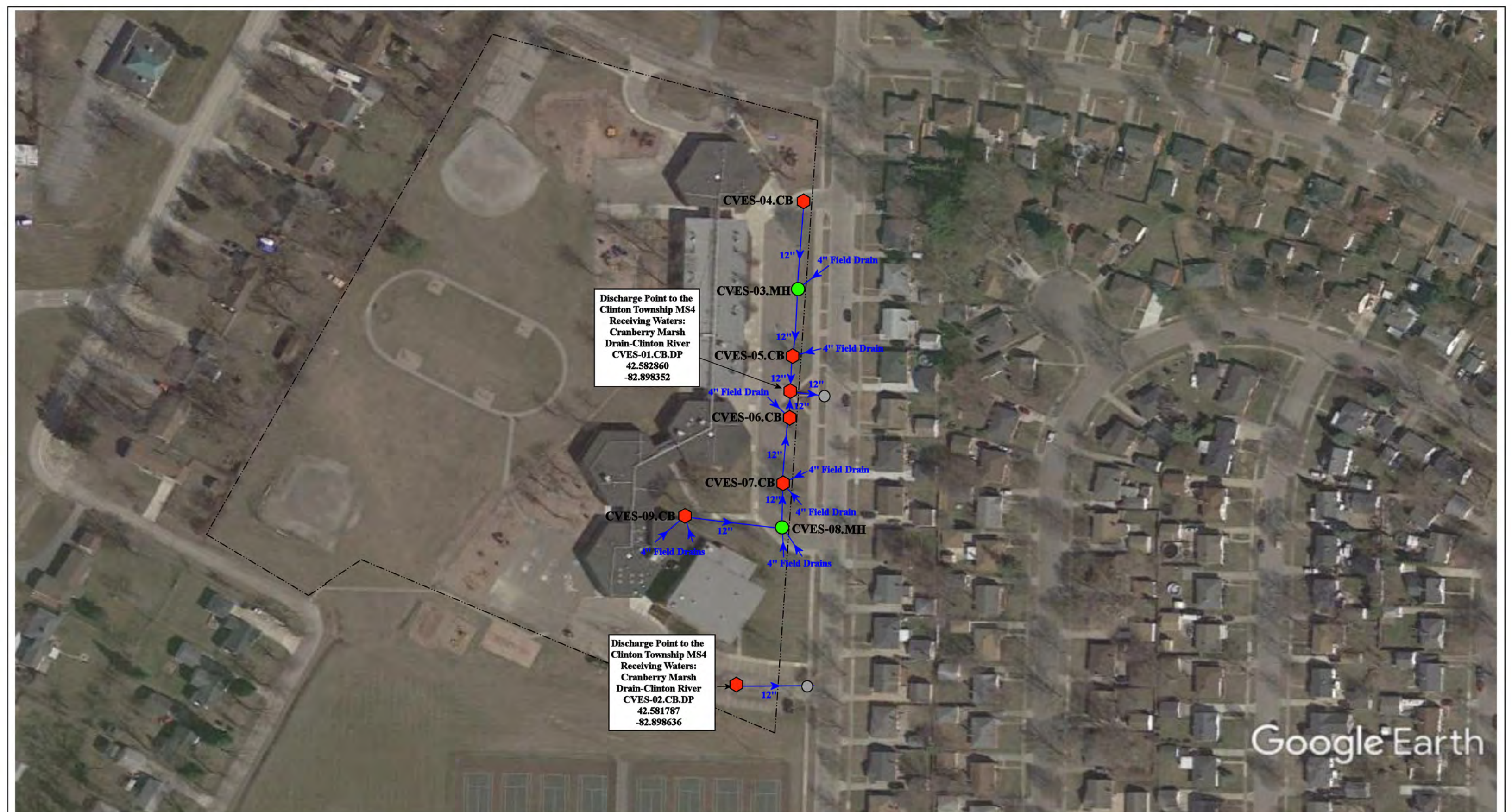
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North

**Chippewa Valley 9th Grade Center & Chippewa Valley High School Complex**  
 Chippewa Valley Schools

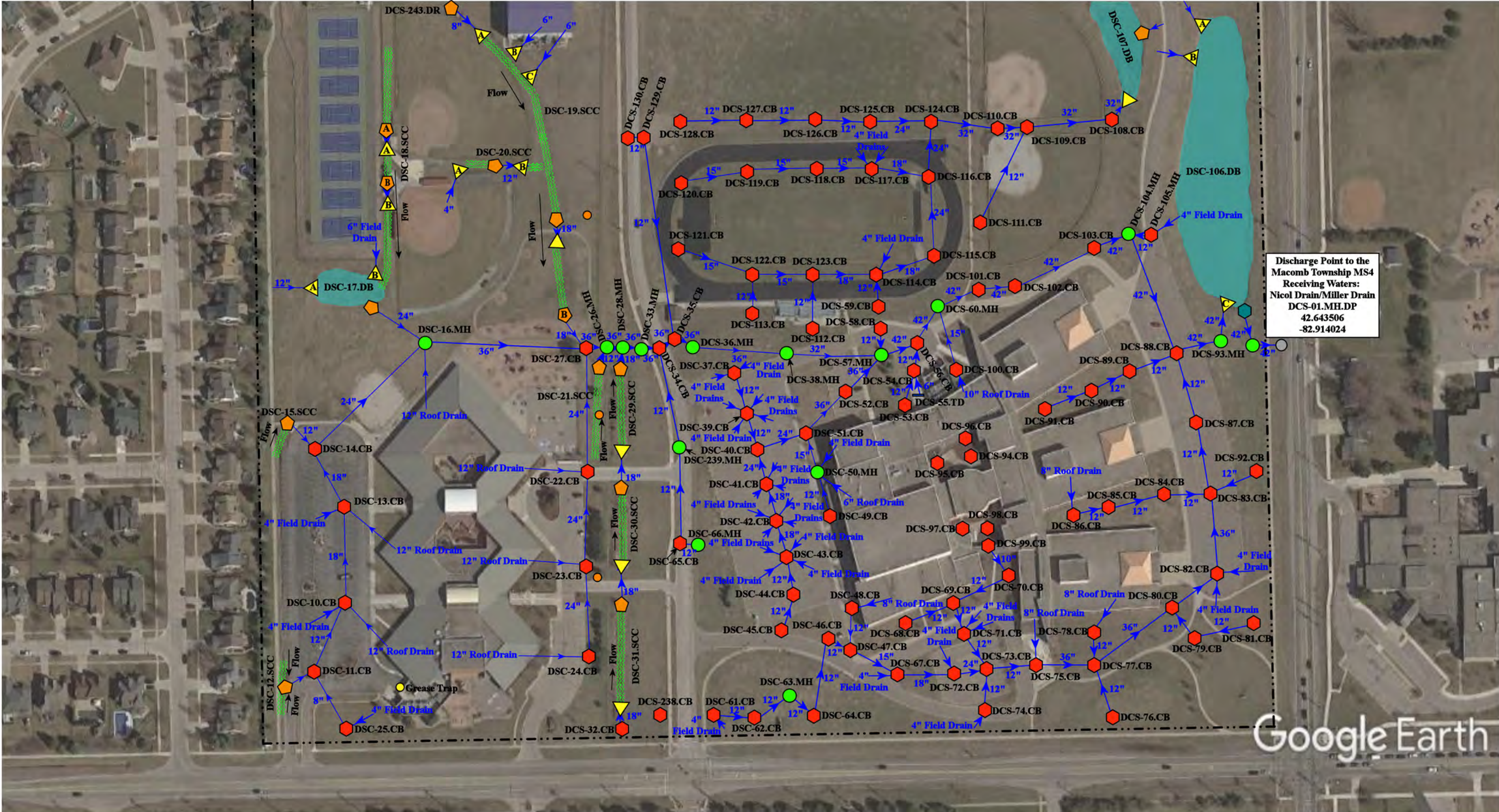
37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date:	11/11/2022
Drawn by:	CJ
Reviewed:	LK
Page #:	2 of 2
Scale:	Not to Scale



Google Earth

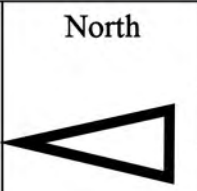
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Revision Date :	06/24/2022																	
Drawn by:	WM																	
Reviewed:	BJK																	
Page #:	1 of 1																	
Scale:	Not to Scale																	




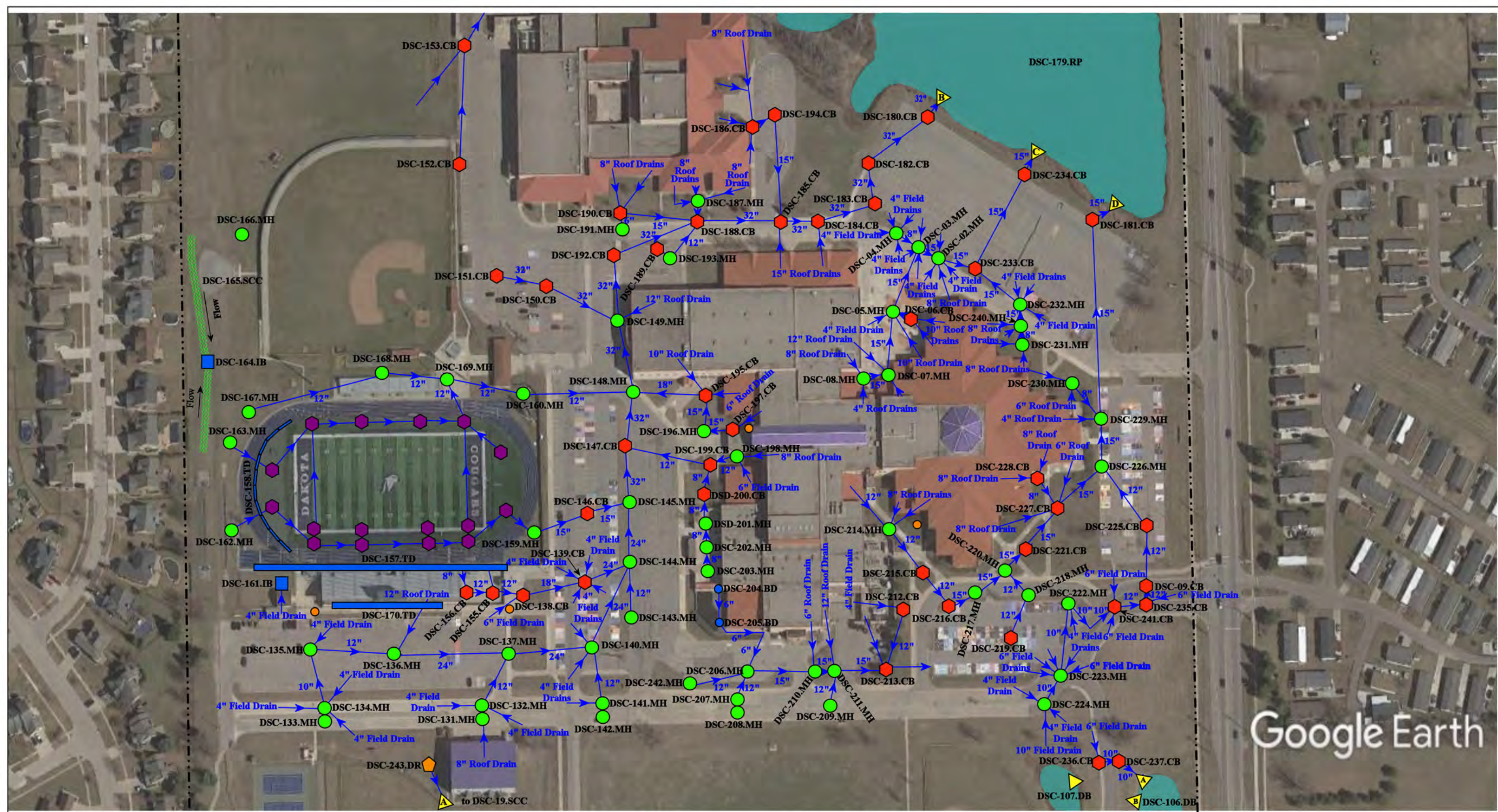
Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Nicol Drain/Miller Drain  
DCS-01.MH.DP  
42.643506  
-82.914024

Google Earth

- - - = Property Line
- ▲ = Open Pipe Outlet
- = Manhole
- = Catch Basin
- = Sanitary
- = Drainage Receptor
- = Offsite MS4
- ~ ~ ~ = Stormwater Conveyance Channel
- = Detention Basin
- = Stabilized Outlet



21051 21 Mile Rd., Macomb Twp., Michigan 48044		Revision Date :	12/03/2021
Cheyenne Elementary School, Senneca Middle School, and Dakota High School Complex		Drawn by:	JK
Chippewa Valley Schools		Reviewed:	KD
	37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Page #:	1 of 3
		Scale:	Not to Scale








Google Earth

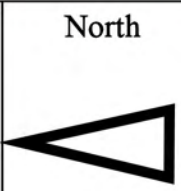
<p>-- -- = Property Lines</p> <p>● = Basin Drain</p> <p>■ = Infiltration Basin</p> <p>● = Manhole</p>		<p>■ = Detention Basin/ Retention Ponds</p> <p>▲ = Open Pipe Outlet</p> <p>≡ = Stormwater Conveyance Channel</p>		<p>● = Buried Basin</p> <p>● = Sanitary</p>		<p>North</p>	<p>21051 21 Mile Rd., Macomb Twp., Michigan 48044</p>		<p>Cheyenne Elementary School, Senneca Middle School, and Dakota High School Complex</p>		<p>Revision Date: 03/03/2021</p>	
							<p>Chippewa Valley Schools</p>		<p>Drawn by: JK</p>		<p>Reviewed: KD</p>	
									<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>		<p>Page #: 2 of 3</p>	
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Google Earth

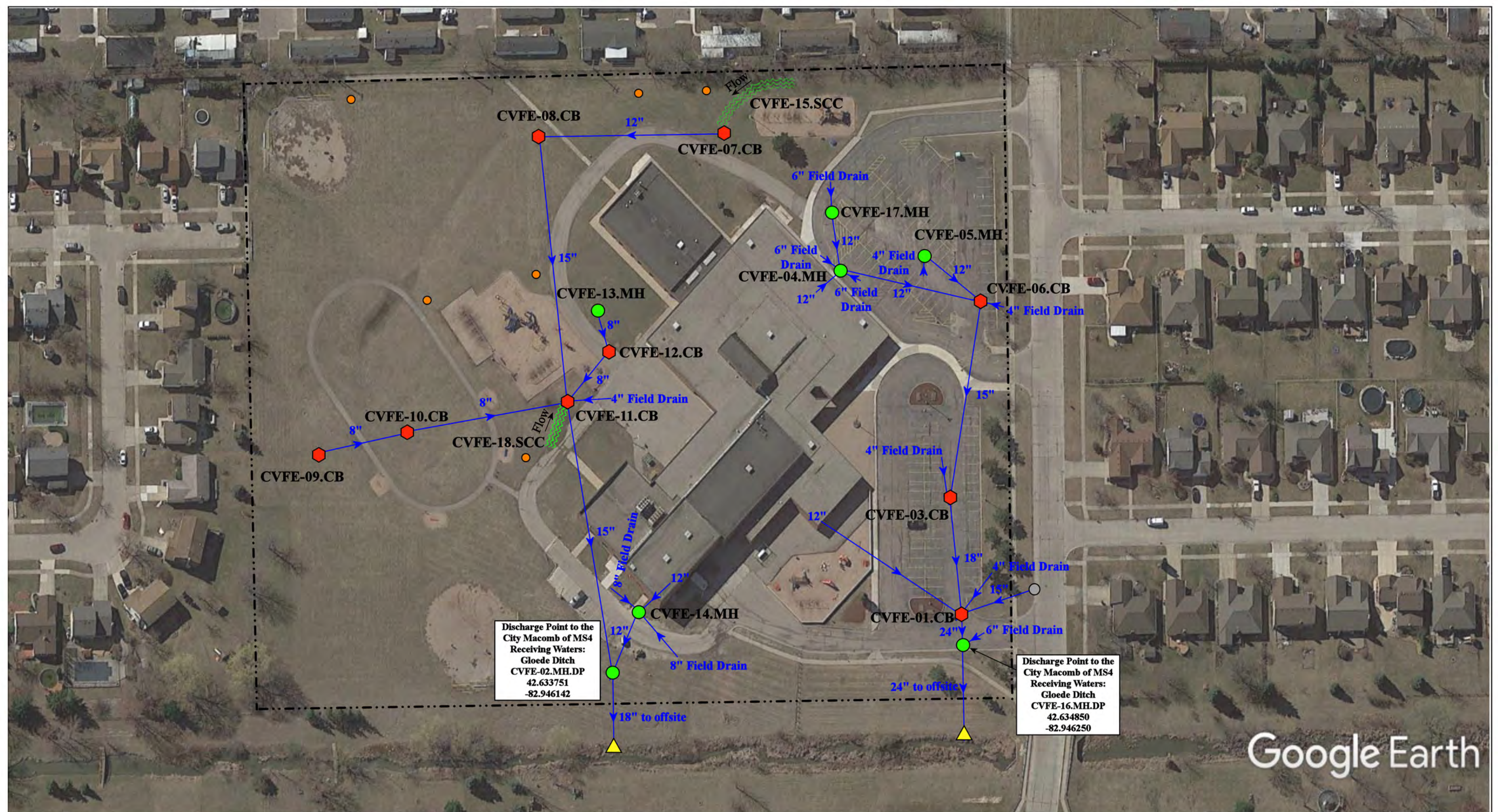
-  = Catch Basin
-  = Manhole
-  = Open Pipe Outlet

-  = Property Lines
-  = Retention Pond



21051 21 Mile Rd., Macomb Twp., Michigan 48044		
Cheyenne Elementary School, Senneca Middle School, and Dakota High School Complex		Revision Date: 12/03/2021
Chippewa Valley Schools		Drawn by: JK
		Reviewed: KD
		Page #: 3 of 3
		Scale: Not to Scale
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305		





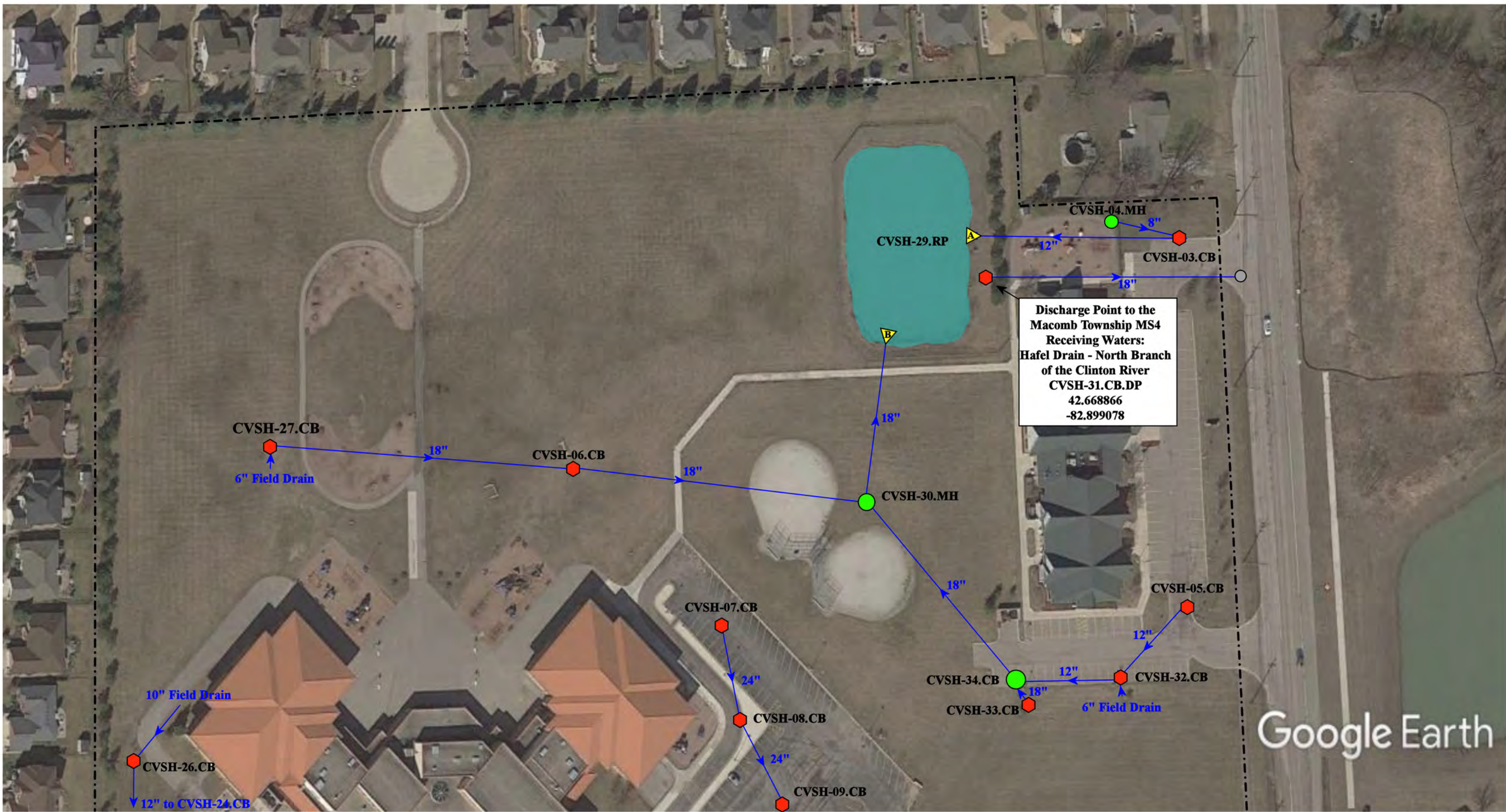
Google Earth

<ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">→</span> = Basin Drain</li> <li><span style="color: grey;">○</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">◆</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - = Property Lines</li> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: magenta;">◻</span> = Flow Splitter</li> <li><span style="color: blue;">⊗</span> = Hydrodynamic Separator</li> <li><span style="color: cyan;">○</span> = Pond/Basin</li> <li><span style="color: green;">~</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">≡</span> = Underground Detention System</li> </ul>				<p>North</p>	<p>17500 Millstone Dr. Macomb, MI 48044</p> <h2 style="margin: 0;">Fox Elementary School</h2> <p style="margin: 0;">Chippewa Valley Schools</p>		<p>Revision Date: 3/24/2023</p> <p>Drawn by: CMJ</p> <p>Reviewed: EMB</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p>
<p>Discharge Point to the City Macomb of MS4 Receiving Waters: Gloede Ditch CVFE-02.MH.DP 42.633751 -82.946142</p>		<p>Discharge Point to the City Macomb of MS4 Receiving Waters: Gloede Ditch CVFE-16.MH.DP 42.634850 -82.946250</p>					
<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>							



Google Earth

<p> <span style="color: red;">⬡</span> = Catch Basin  <span style="color: green;">●</span> = Manhole  <span style="color: blue;">●</span> = Basin Drain  <span style="color: grey;">●</span> = Offsite MS4  <span style="color: orange;">●</span> = Sanitary         </p>	<p> <span style="color: blue;">⬡</span> = Infiltration Basin  <span style="color: yellow;">▲</span> = Open Pipe Outlet  <span style="color: orange;">⬡</span> = Drainage Receptor  <span style="color: blue;">—</span> = Trench Drain  <span style="color: grey;">---</span> = Property Lines         </p>	<p> <span style="color: purple;">⬡</span> = Buried Structure  <span style="color: teal;">⬡</span> = Stabilized Outlet  <span style="color: pink;">⬡</span> = Flow Splitter  <span style="color: blue;">⊕</span> = Hydrodynamic Separator         </p>	<p> <span style="color: cyan;">⬡</span> = Pond/Basin  <span style="color: green;">⊿</span> = Swale/Stormwater  <span style="color: blue;">—</span> = Conveyance Channel  <span style="color: blue;">⊞</span> = Underground Detention System         </p>	<p>North</p>	<p>15800 Terra Bella Street, Clinton Township, Michigan 48038</p>
					<p><b>Huron Elementary School</b></p>
					<p>Chippewa Valley Schools</p>
					<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>
				<p>Revision Date :</p>	<p>06/20/2023</p>
				<p>Drawn by:</p>	<p>WM</p>
				<p>Reviewed:</p>	<p>LK</p>
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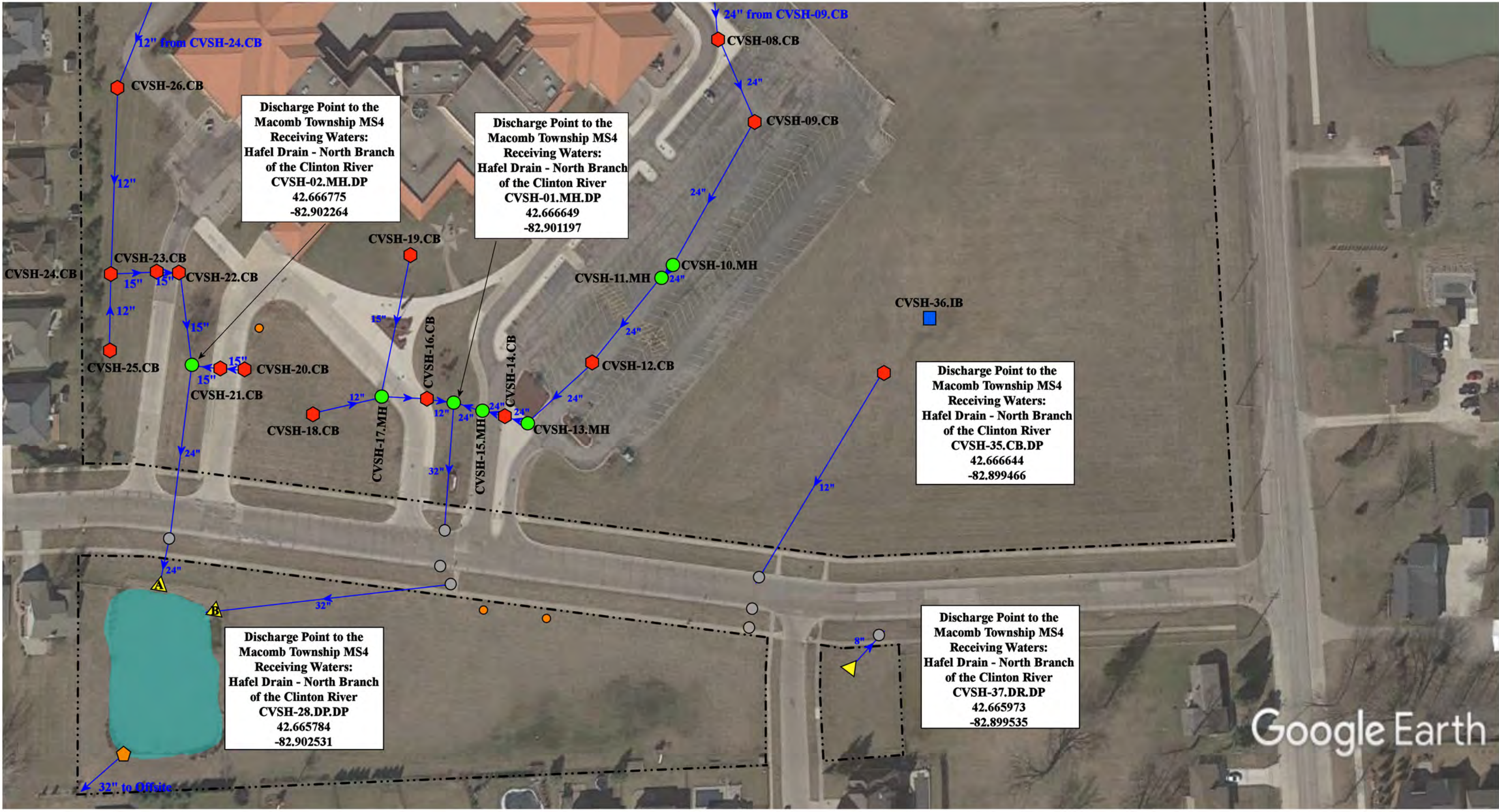
Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Hafel Drain - North Branch  
of the Clinton River  
CVSH-31.CB.DP  
42.668866  
-82.899078

Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



21555 Vesper Drive, Macomb Township, MI 48044	
Little Turtle Macomb Center and Shawnee Elementary School Chippewa Valley Schools	Revision Date: 7/3/2023
	Drawn by: JLP
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Reviewed: EDG
	Page #: 2 of 2
	Scale: Not to Scale



Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Hafel Drain - North Branch  
of the Clinton River  
CVSH-02.MH.DP  
42.666775  
-82.902264

Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Hafel Drain - North Branch  
of the Clinton River  
CVSH-01.MH.DP  
42.666649  
-82.901197

Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Hafel Drain - North Branch  
of the Clinton River  
CVSH-35.CB.DP  
42.666644  
-82.899466

Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Hafel Drain - North Branch  
of the Clinton River  
CVSH-28.DP.DP  
42.665784  
-82.902531

Discharge Point to the  
Macomb Township MS4  
Receiving Waters:  
Hafel Drain - North Branch  
of the Clinton River  
CVSH-37.DR.DP  
42.665973  
-82.899535

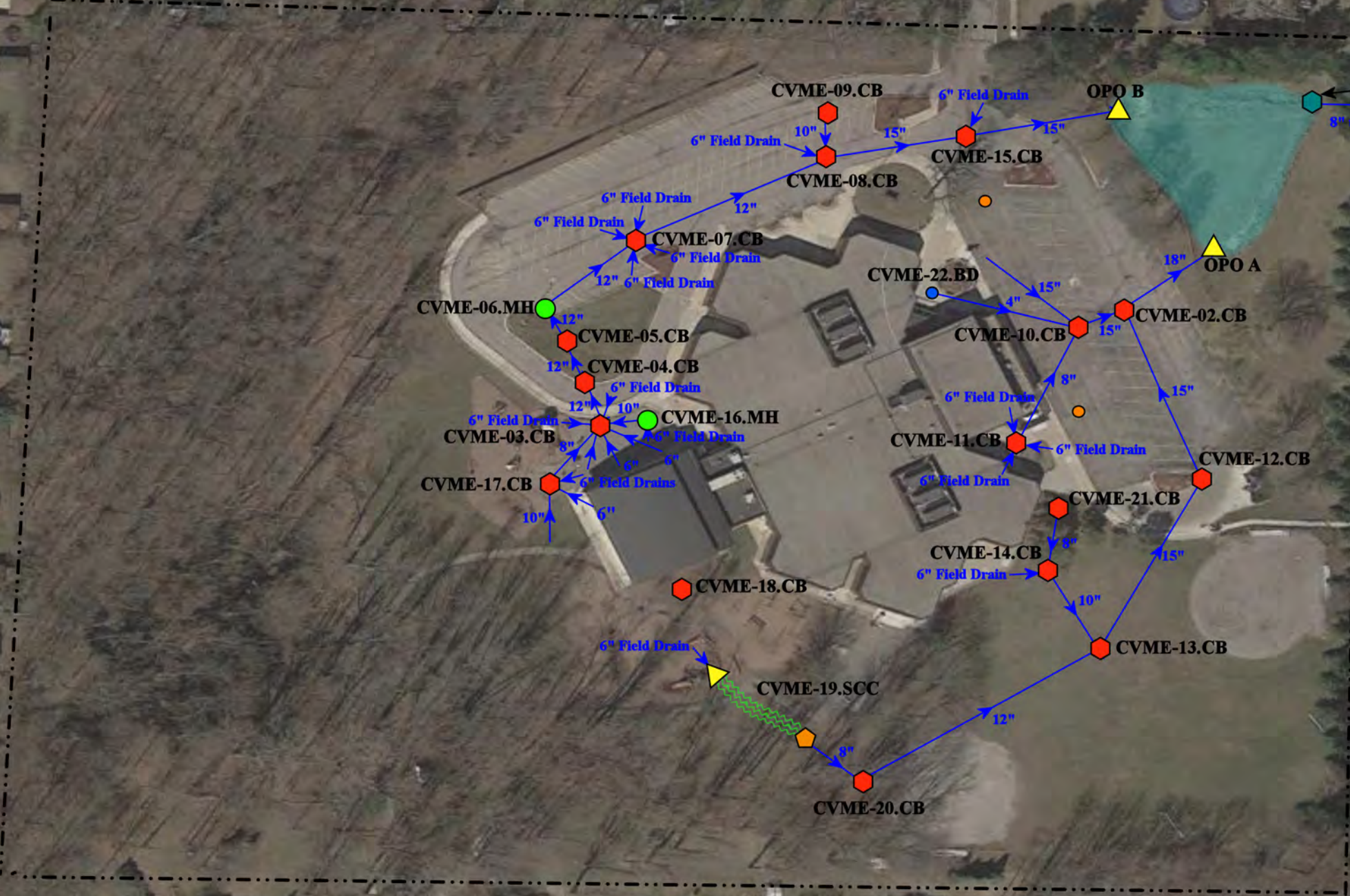
Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- ▬ = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



21555 Vesper Drive, Macomb Township, MI 48044		
Little Turtle Macomb Center and Shawnee Elementary School Chippewa Valley Schools	Revision Date :	7/3/2023
	Drawn by:	JLP
	Reviewed:	EDG
	Page #:	2 of 2
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Scale:	Not to Scale


Discharge Point to  
the Clinton Twp MS4  
Receiving Waters:  
Cranberry Marsh  
Drain-Clinton River  
CVME-01.DP.DP  
42.601611  
-82.958915

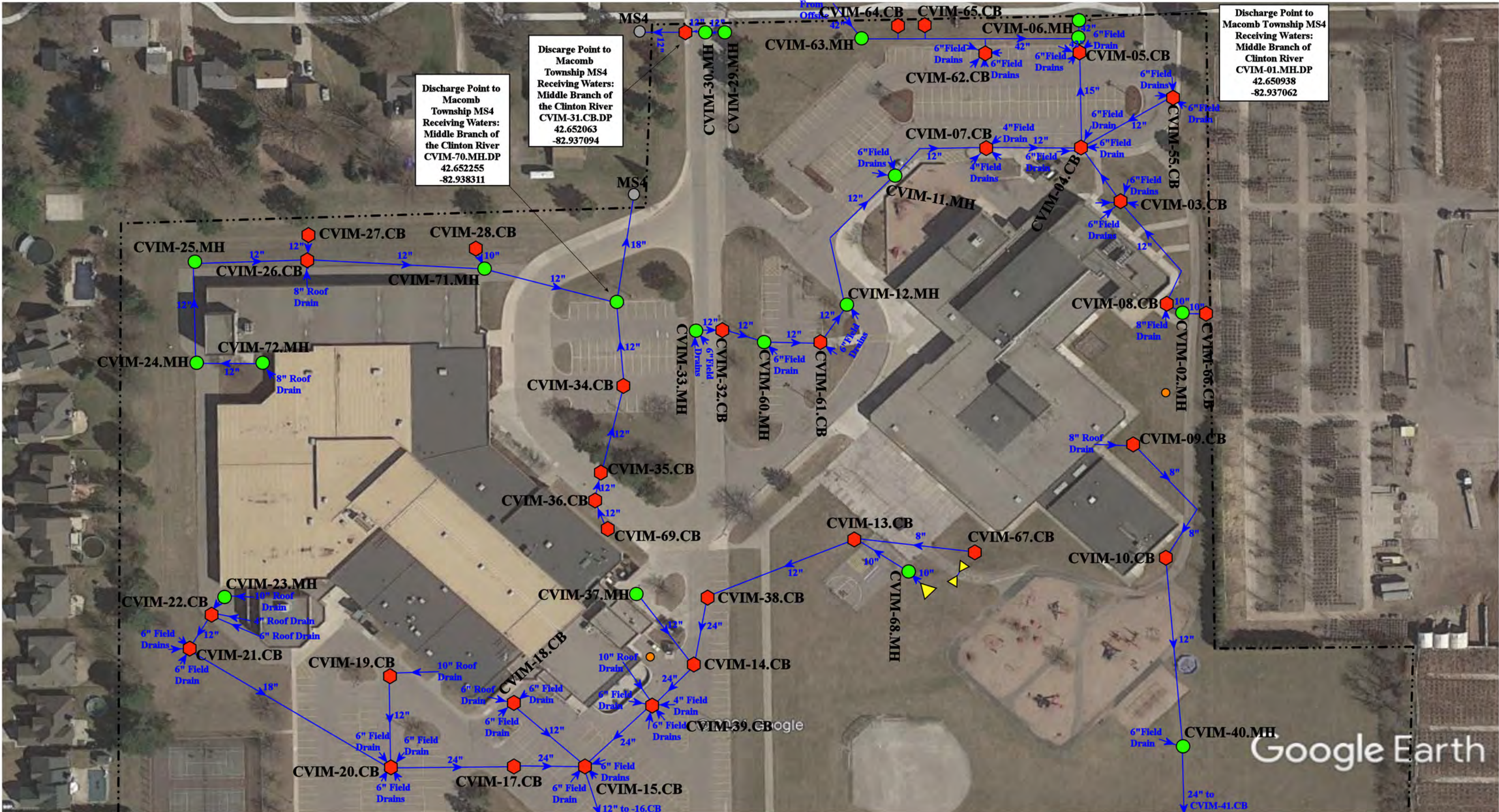


Google Earth

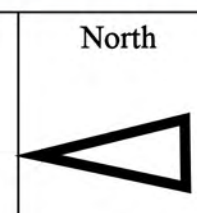
- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System




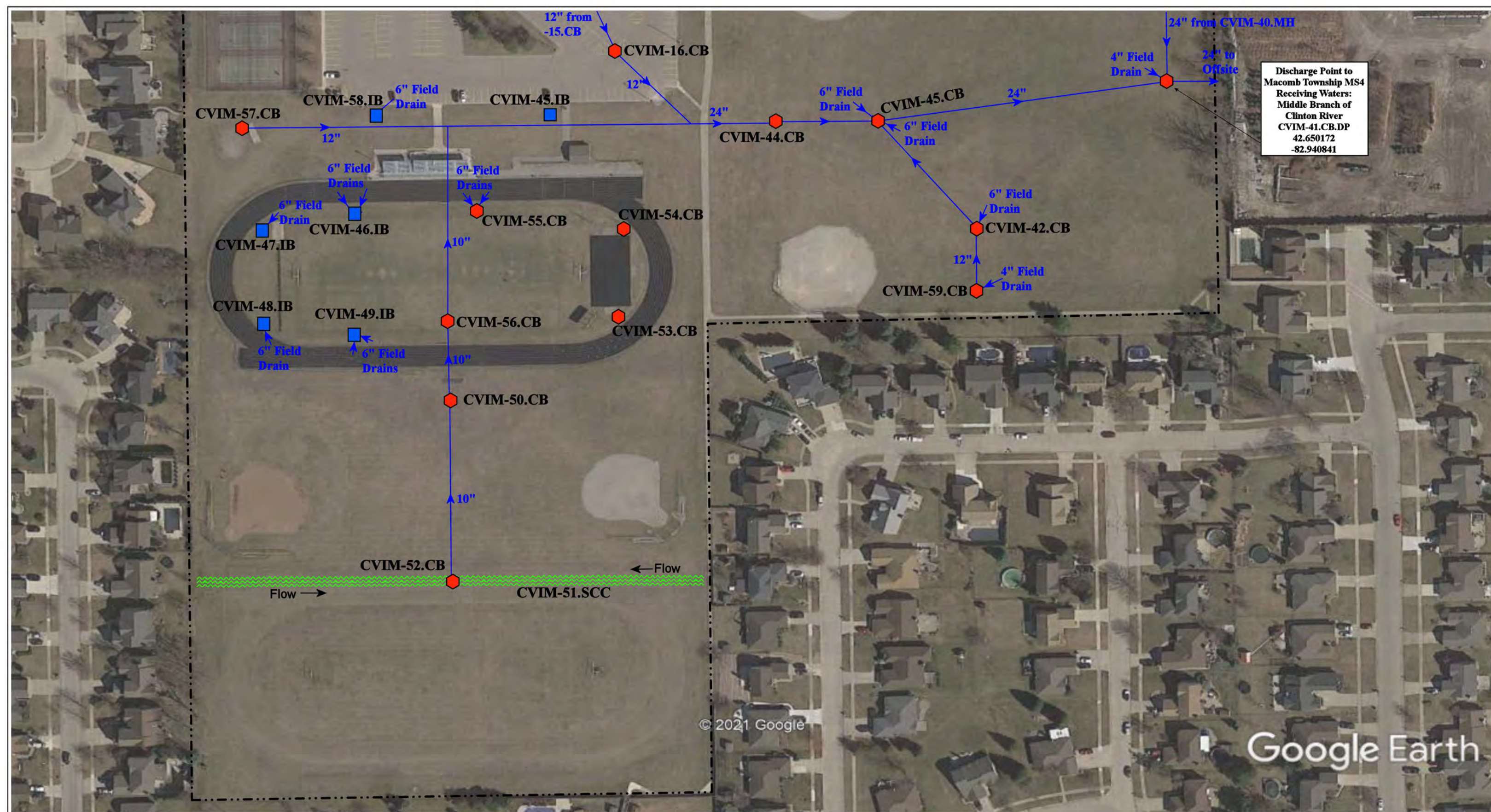
41290 Kentvale Dr, Clinton Twp, MI, 48038	
<b>Miami Elementary School</b>	
Chippewa Valley Schools	
	37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305
Revision Date:	12/09/2022
Drawn by:	EL
Reviewed:	CJ
Page #:	1 of 1
Scale:	Not to Scale



- ◆ = Catch Basin
- = Manhole
- = Property Lines
- ▲ = Open Pipe Outlet
- = Sanitary
- = City of Macomb Township MS4

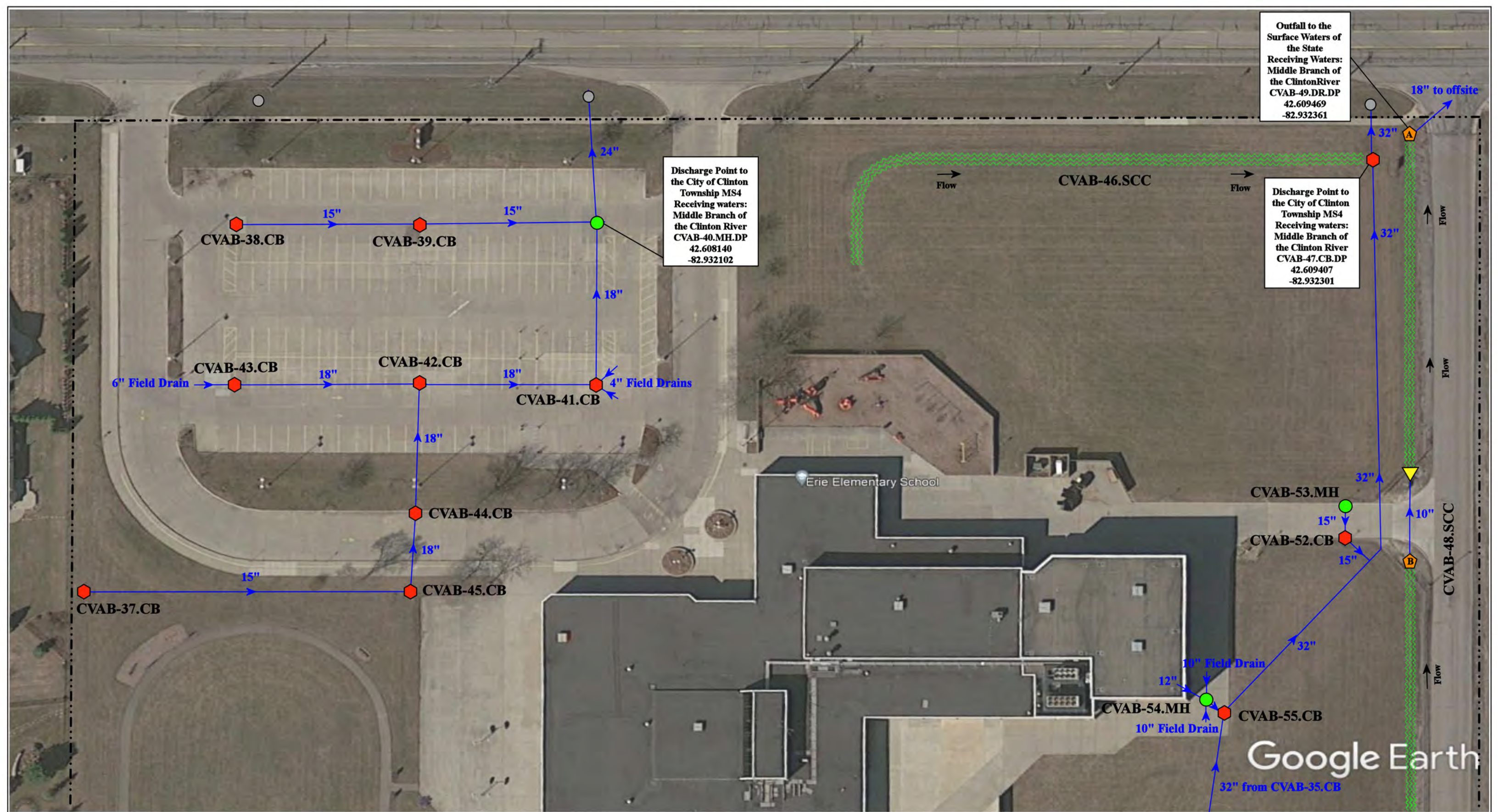


48301 Romeo Plank Road, Macomb Township, MI 48044	
Mohawk Elementary School and Iroquois Middle School Complex Chippewa Valley Schools	Revision Date : 10/07/2021
	Drawn by: EDG
37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	Reviewed: BK
	Page #: 1 of 2
	Scale: Not to Scale



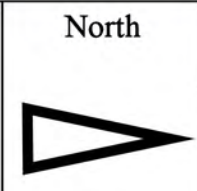
Discharge Point to  
Macomb Township MS4  
Receiving Waters:  
Middle Branch of  
Clinton River  
CVIM-41.CB.DP  
42.650172  
-82.940841


<p>  = Catch Basin   = Infiltration Basin   = Stormwater Conveyance Channel   = Property Lines </p>		<p>North</p>	<p>48301 Romeo Plank Road, Macomb Township, MI 48044</p>	
			<p><b>Iroquois Middle School Complex</b></p> <p>Chippewa Valley Schools</p>	<p>Revision Date: 10/07/2021</p> <p>Drawn by: EDG</p> <p>Reviewed: BK</p> <p>Page #: 2 of 2</p> <p>Scale: Not to Scale</p>
			<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>	



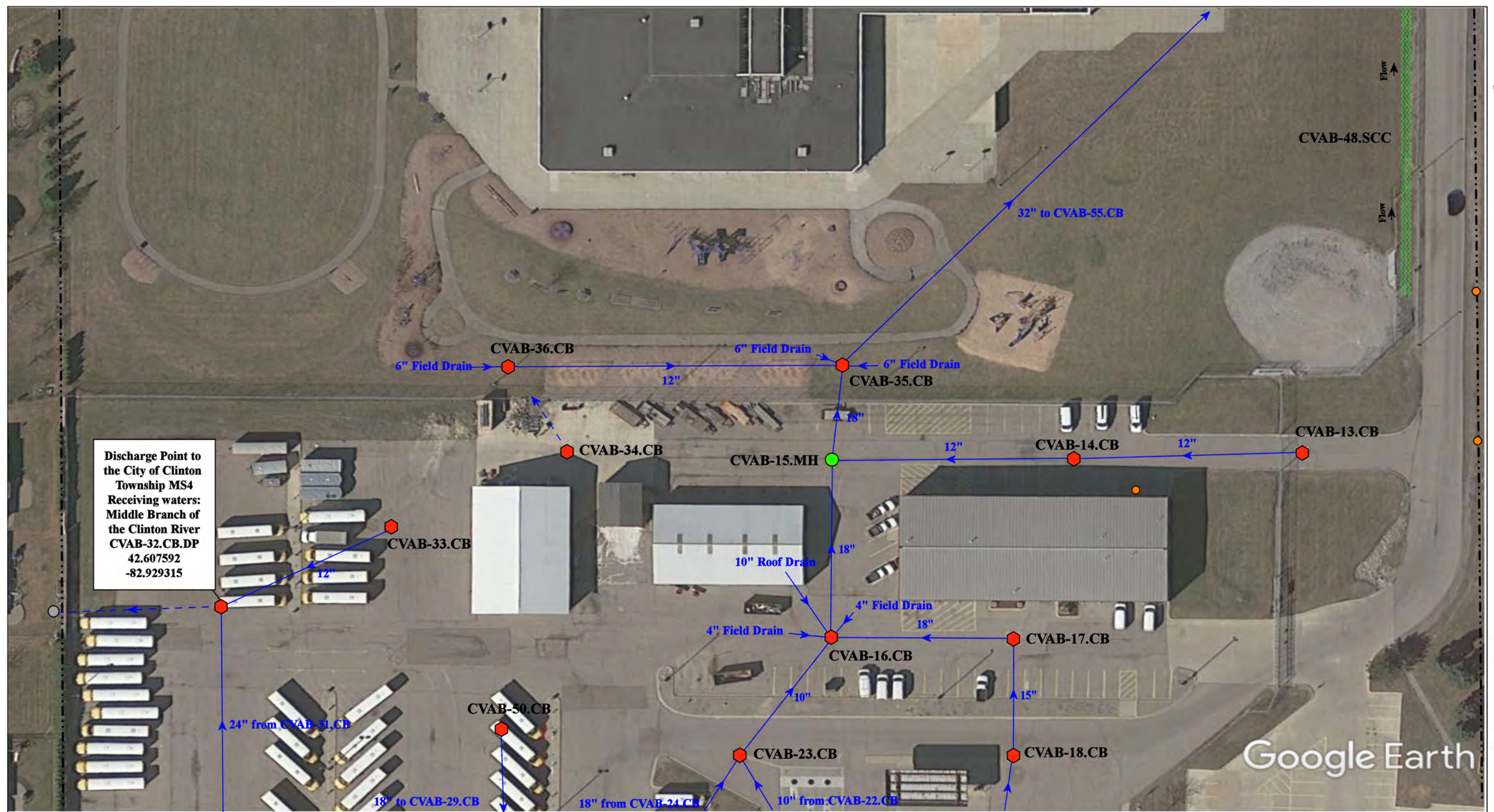
19230, 19120 Cass Ave, & 42276 Romeo Plank Rd, Clinton Township, MI 48038

- = Property Lines
- = Manhole
- ◆ = Catch Basin
- = MS4
- ⋯ = Stormwater Conveyance Channel
- ▲ = Open Pipe Outlet
- ⬠ = Drainage Receptor





Mohegan High School/Community Ed Center, Erie Elementary, and Transportation Complex		Revision Date:	12/09/2021
		Drawn by:	CJ
Chippewa Valley Schools		Reviewed:	EG
		Page #:	1 of 4
		Scale:	Not to Scale
		37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	



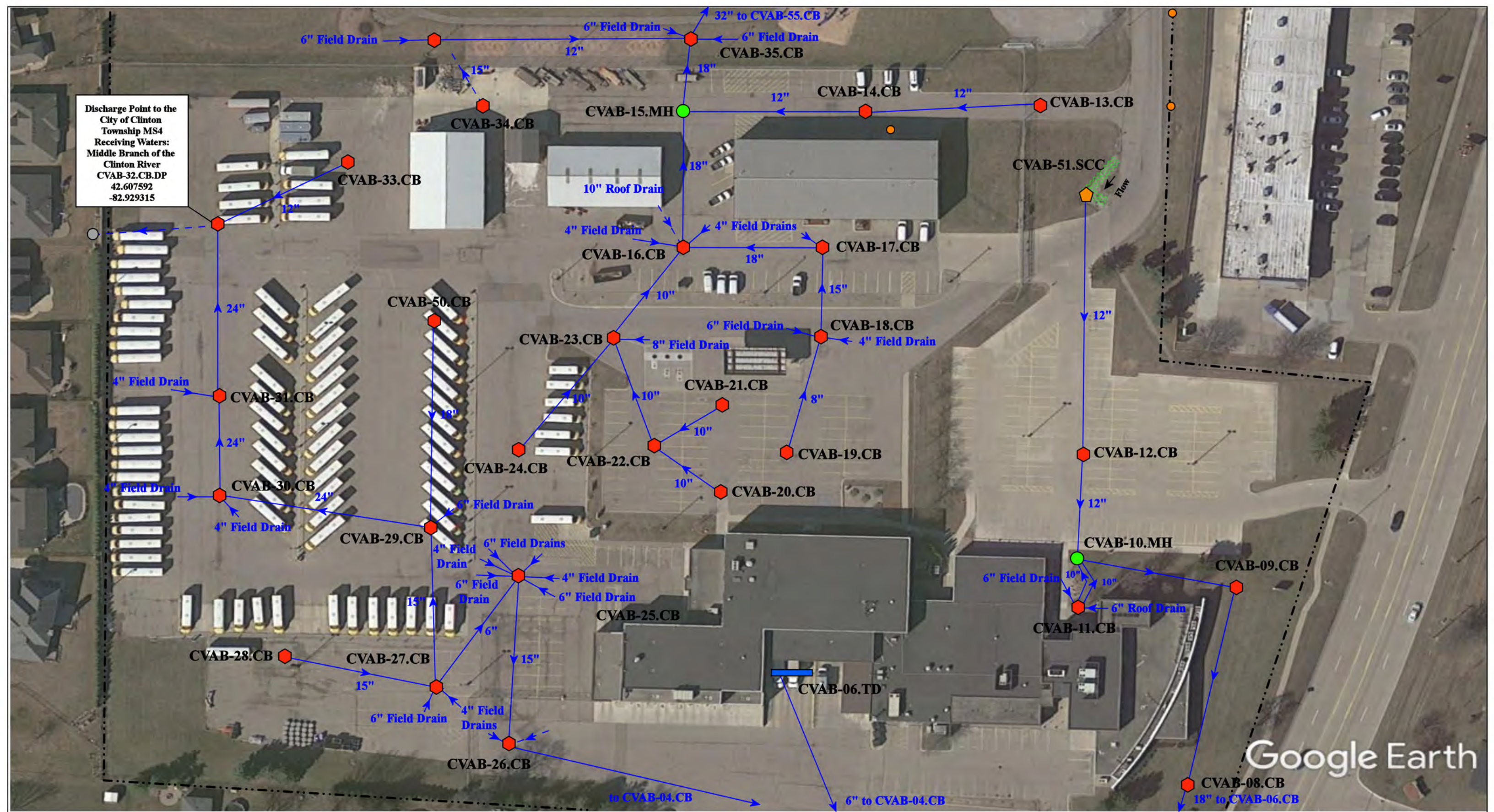


Discharge Point to the City of Clinton Township MS4  
 Receiving waters: Middle Branch of the Clinton River  
 CVAB-32.CB.DP  
 42.607592  
 -82.929315

Google Earth

<p>--- = Property Lines</p> <p>● = Offsite MS4</p> <p>● = Catch Basin</p>		<p>North</p> 	<p>19230, 19120 Cass Ave, &amp; 42276 Romeo Plank Rd, Clinton Township, MI 48038</p> <p>Mohegan High School/Community Ed Center,          Erie Elementary, and Transportation Complex</p> <p>Chippewa Valley Schools</p>		<p>Revision Date: 12/09/2021</p>
<p>● = Manhole</p> <p>● = Sanitary</p> <p>~~~~~ = Stormwater Conveyance Channel</p>			 <p>37720 Interchange Drive          Farmington Hills, MI 48335          Phone: 248-426-0165          Fax: 248-427-0305</p>	<p>Drawn by: CJ</p> <p>Reviewed: EG</p> <p>Page #: 2 of 4</p> <p>Scale: Not to Scale</p>	

Discharge Point to the City of Clinton Township MS4 Receiving Waters: Middle Branch of the Clinton River  
 CVAB-32.CB.DP  
 42.607592  
 -82.929315

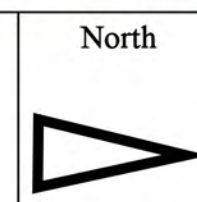



Google Earth

19230, 19120 Cass Ave, & 42276 Romeo Plank Rd, Clinton Township, MI 48038

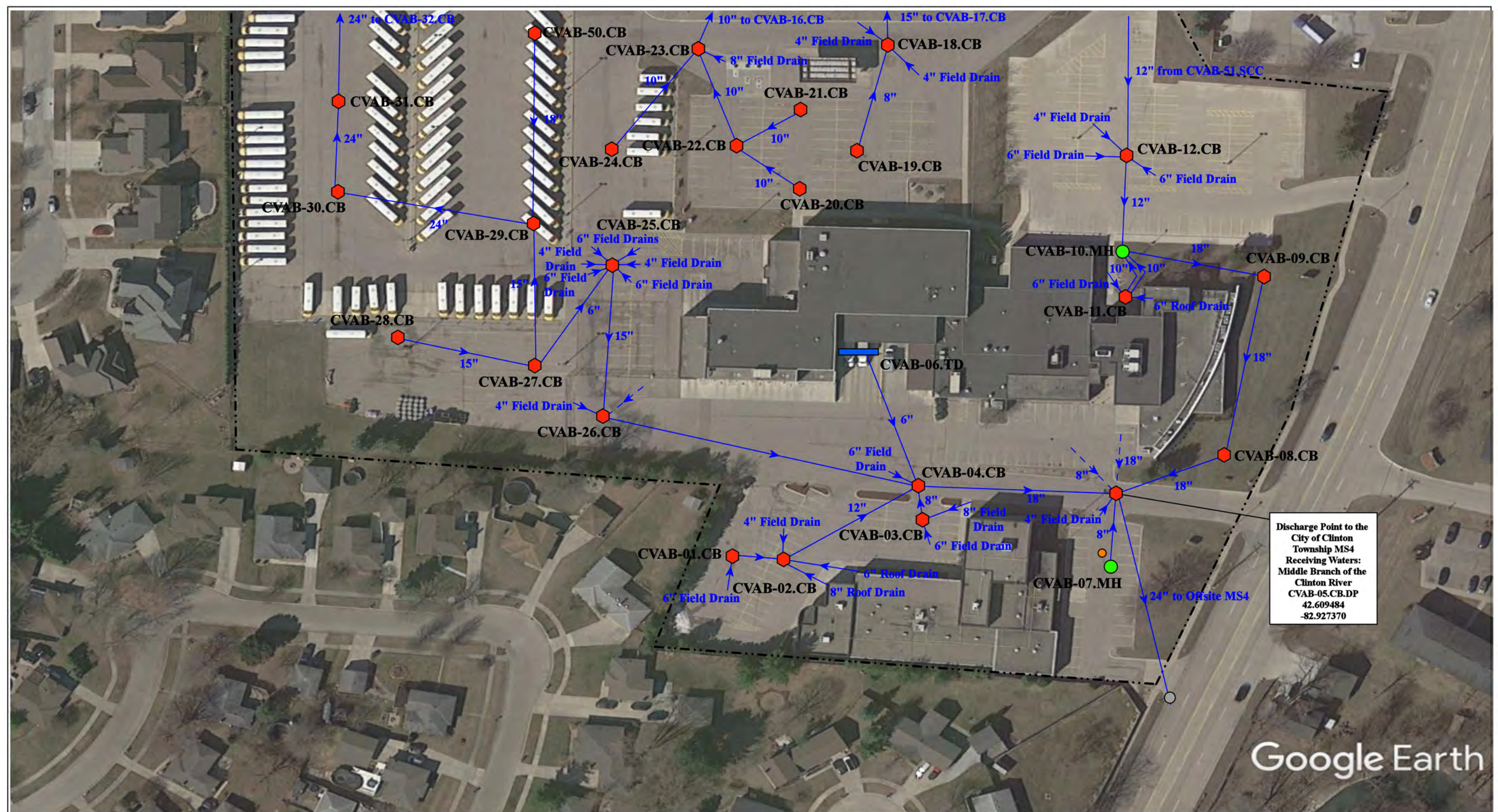
- = Property Lines
- = Catch Basin
- = Manhole
- = Trench Drain
- ⬠ = Drainage Receptor

- = Sanitary
- ⊡ = Stormwater Conveyance Channel
- = Offsite MS4



Mohegan High School/Community Ed Center, Erie Elementary, and Transportation Complex Chippewa Valley Schools		Revision Date:	12/09/2021
		Drawn by:	CJ
		Reviewed:	EG
		Page #:	3 of 4
		Scale:	Not to Scale

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

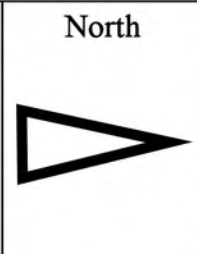


Discharge Point to the City of Clinton Township MS4  
 Receiving Waters: Middle Branch of the Clinton River  
 CVAB-05.CB.DP  
 42.609484  
 -82.927370

Google Earth

19230, 19120 Cass Ave, & 42276 Romeo Plank Rd, Clinton Township, MI 48038

- = Property Lines
- = Manhole
- = Catch Basin
- = Sanitary
- = Trench Drain
- = Offsite MS4

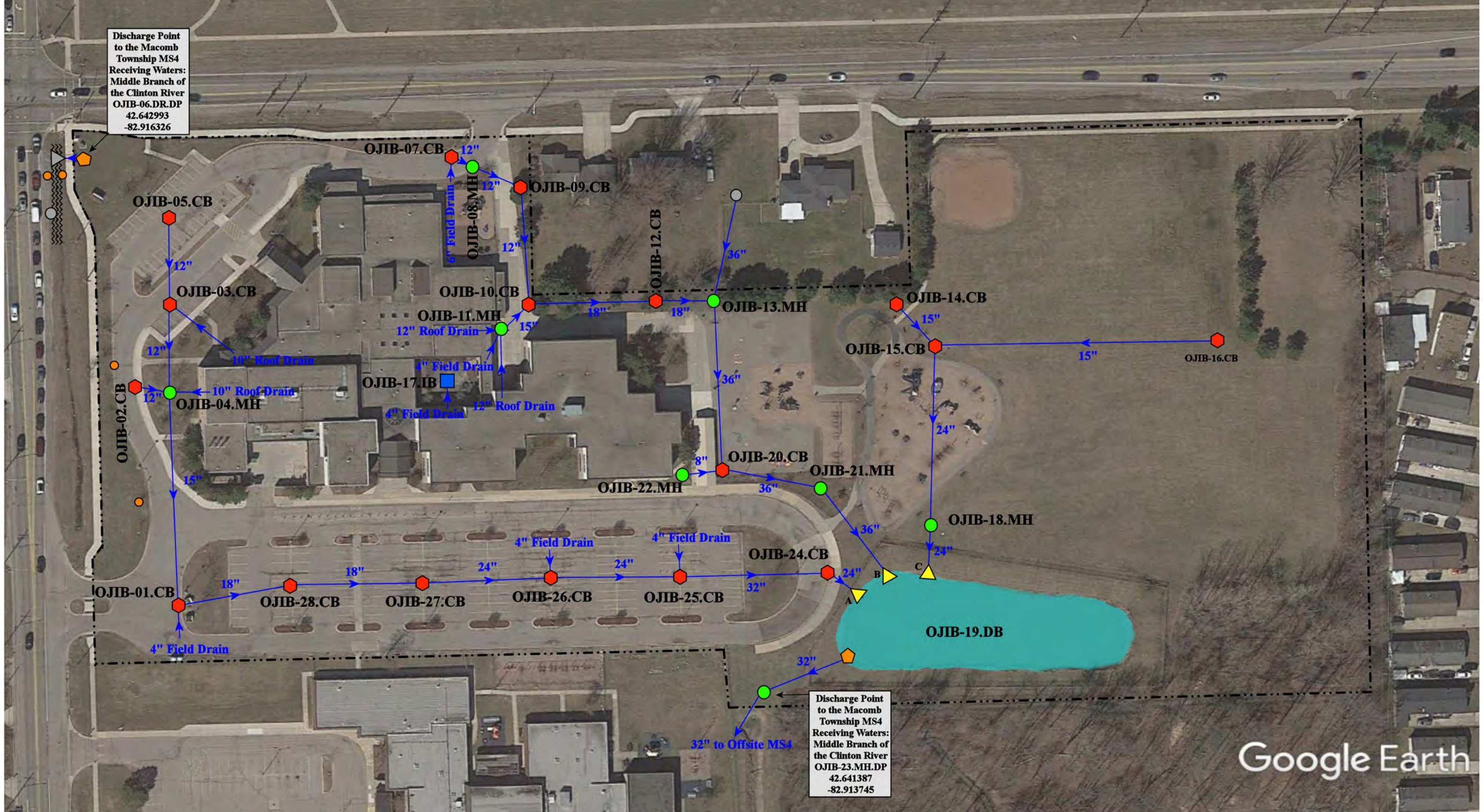


Mohegan High School/Community Ed Center,  
 Erie Elementary, and Transportation Complex  
 Chippewa Valley Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Revision Date:	12/09/2021
Drawn by:	CJ
Reviewed:	EG
Page #:	4 of 4
Scale:	Not to Scale



Discharge Point  
to the Macomb  
Township MS4  
Receiving Waters:  
Middle Branch of  
the Clinton River  
OJIB-06.DR.DP  
42.642993  
-82.916326

Discharge Point  
to the Macomb  
Township MS4  
Receiving Waters:  
Middle Branch of  
the Clinton River  
OJIB-23.MH.DP  
42.641387  
-82.913745

Google Earth


- = Catch Basin
- = Manhole
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Offsite MS4
- ◆ = Abandoned Structure
- = Sanitary
- = Infiltration Basin
- = Pond (Detention Basin)
- = Property Lines
- ~ = Offsite Stormwater Conveyance Channel



46950 Heydenreich Road, Macomb, Michigan 48044

## Ojibwa Elementary School

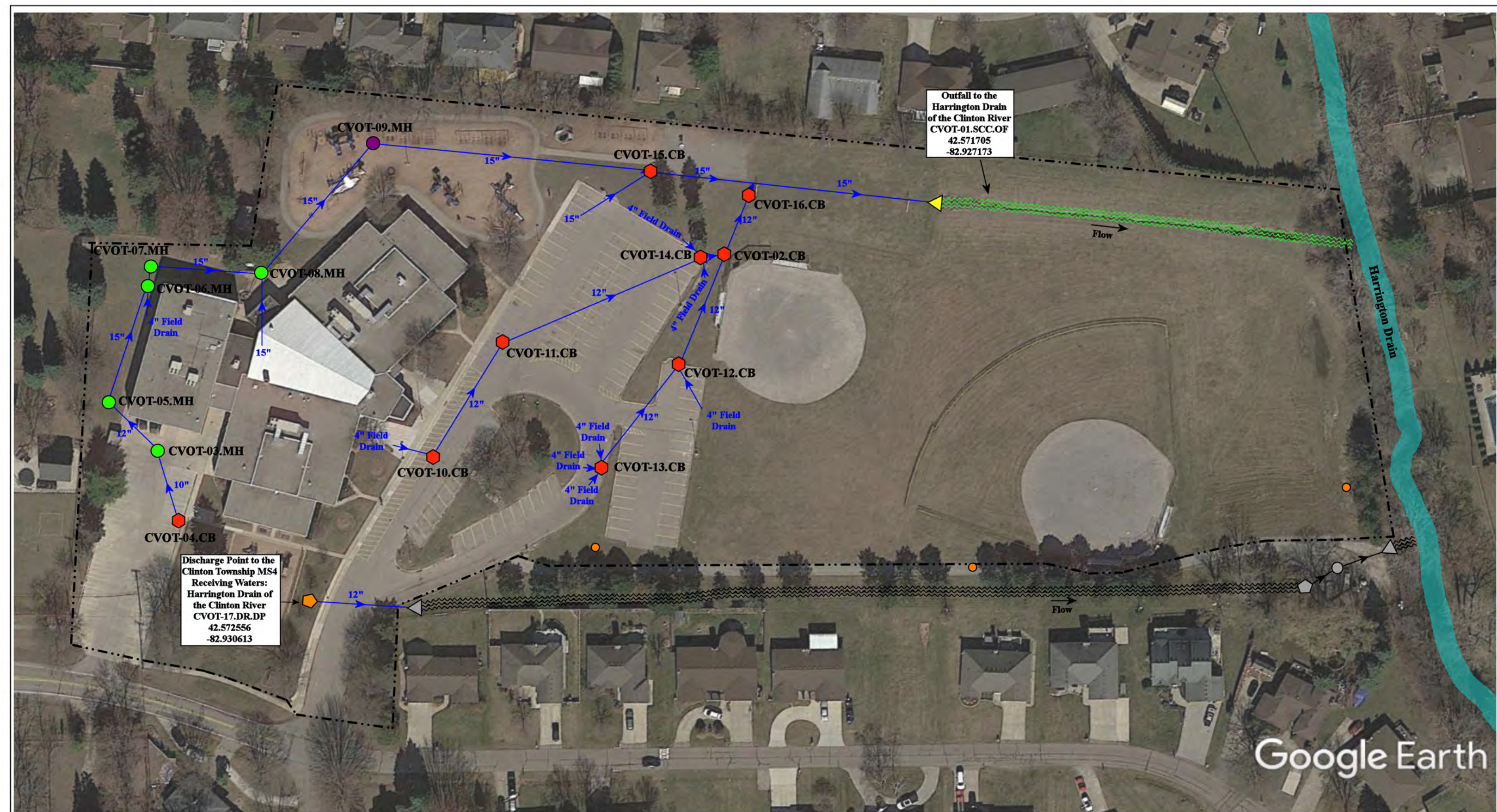
Chippewa Valley Schools



environmental group

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date:	12/17/2022
Drawn by:	KD
Reviewed:	JK
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the Clinton Township MS4  
Receiving Waters:  
Harrington Drain of the Clinton River  
CVOT-17.DR.DP  
42.572556  
-82.930613

Outfall to the Harrington Drain of the Clinton River  
CVOT-01.SCC.OF  
42.571705  
-82.927173

Google Earth

18601 Millar Rd, Clinton Twp, MI, 48036

Ottawa Elementary School

Chippewa Valley Schools

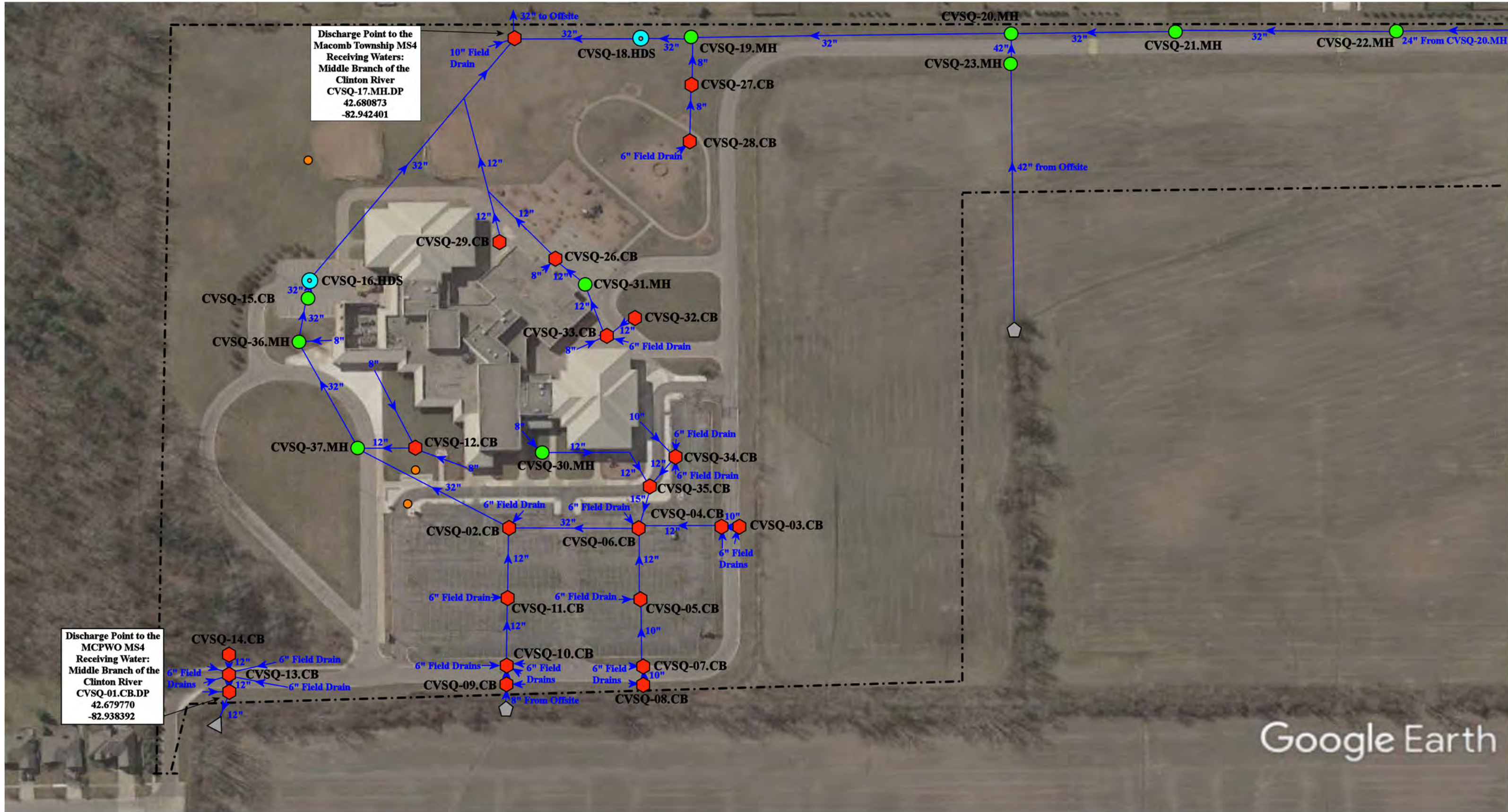


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Revision Date:	06/24/2022
Drawn by:	EMB
Reviewed:	CCD
Page #:	1 of 1
Scale:	Not to Scale

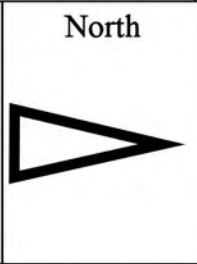


Google Earth

18500 24 Mile Rd, Macomb Twp, MI 48042

<b>Sequoyah Elementary School</b>		Revision Date:	12/16/2022
		Drawn by:	WM
Chippewa Valley Schools		Reviewed:	EDG
		Page #:	1 of 2
		Scale:	Not to Scale
		37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305	

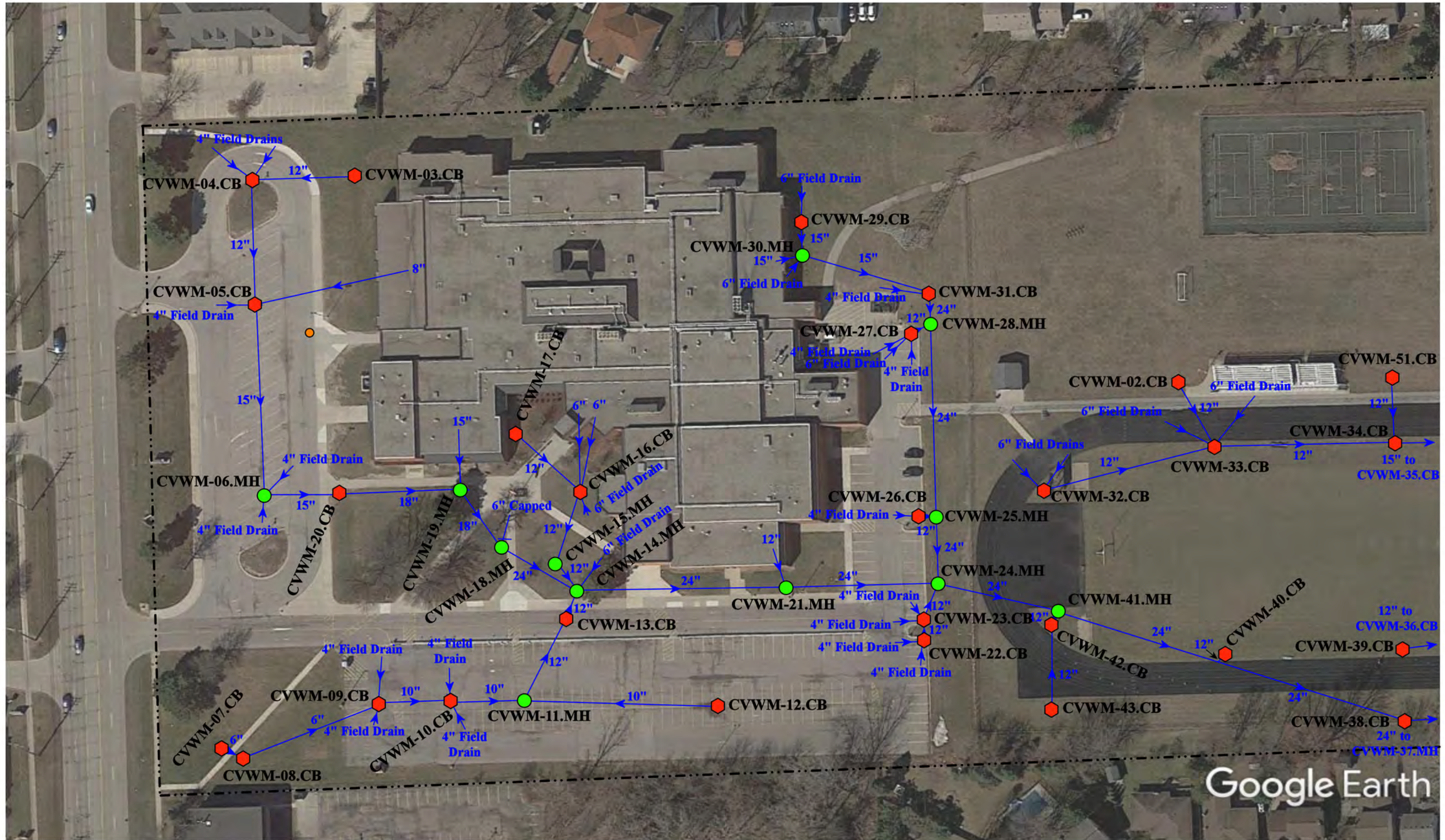
- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |





Google Earth

<ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - = Property Lines</li> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: cyan;">◻</span> = Flow Splitter</li> <li><span style="color: blue;">⊗</span> = Hydrodynamic Separator</li> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="color: green;">~</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">≡</span> = Underground Detention System</li> </ul>				<p>North</p>	<p>18500 24 Mile Rd, Macomb Twp, MI 48042</p> <p><b>Sequoyah Elementary School</b></p> <p>Chippewa Valley Schools</p>		<p>37720 Interchange Drive Farmington Hills, MI 48335 Phone: 248-426-0165 Fax: 248-427-0305</p>	<table border="1"> <tr> <td>Revision Date:</td> <td>12/16/2022</td> </tr> <tr> <td>Drawn by:</td> <td>WM</td> </tr> <tr> <td>Reviewed:</td> <td>EDG</td> </tr> <tr> <td>Page #:</td> <td>2 of 2</td> </tr> <tr> <td>Scale:</td> <td>Not to Scale</td> </tr> </table>	Revision Date:	12/16/2022	Drawn by:	WM	Reviewed:	EDG	Page #:	2 of 2	Scale:	Not to Scale
Revision Date:	12/16/2022																	
Drawn by:	WM																	
Reviewed:	EDG																	
Page #:	2 of 2																	
Scale:	Not to Scale																	



Google Earth

39490 Garfield, Clinton Twp., Michigan 48038

# Wyandot Middle School

Chippewa Valley Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System

Revision Date :	12/7/2022
Drawn by:	KD
Reviewed:	BK
Page #:	1 of 2
Scale:	Not to Scale





Discharge Point to the Clinton Twp. MS4 Receiving Waters: Cranberry Marsh Drain, Clinton River  
 CVWM-01.MH.DP  
 42.586450  
 -82.944597

39490 Garfield, Clinton Twp., MI 48038

# Wyandot Middle School

Chippewa Valley Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

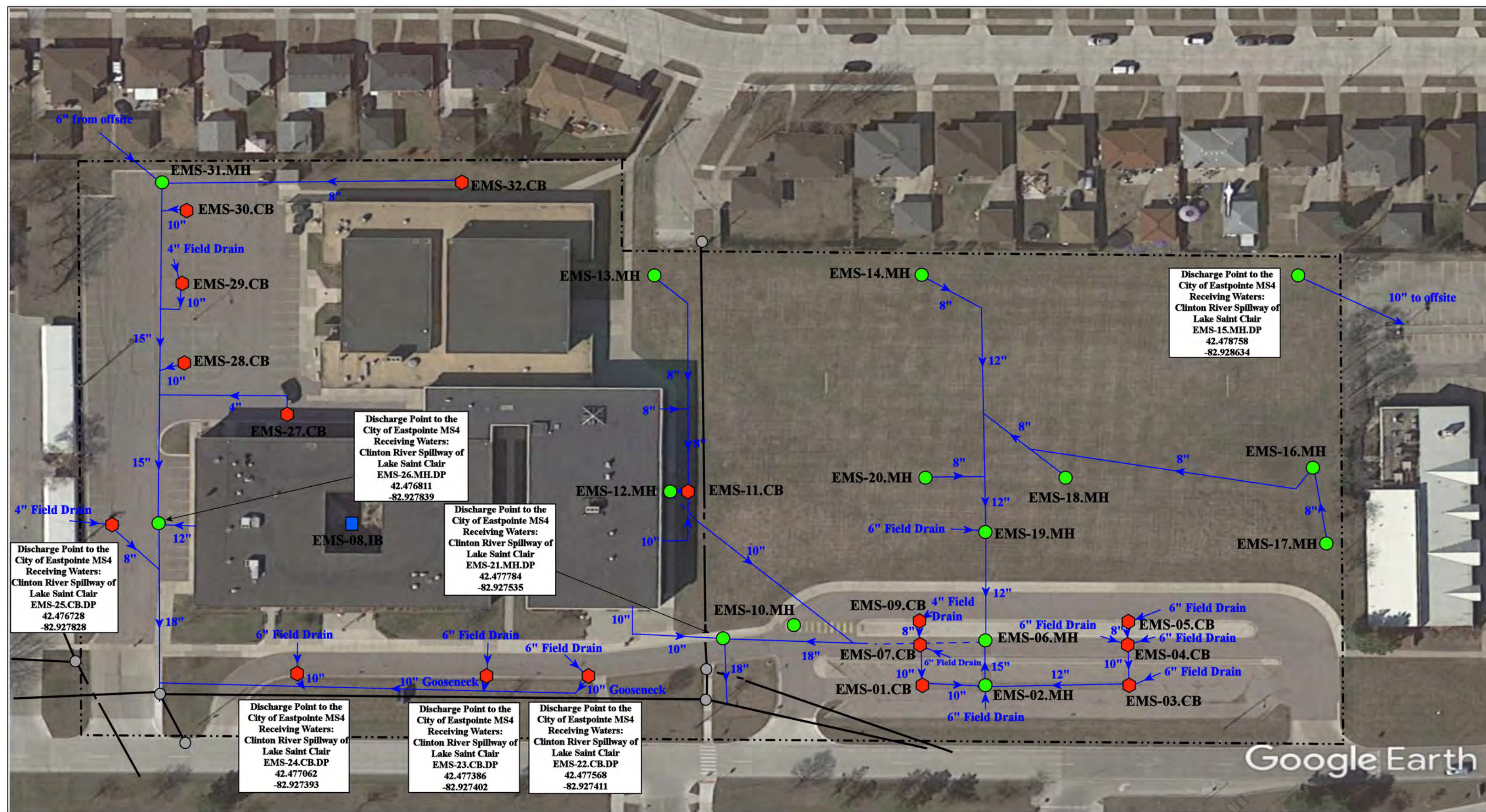
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Revision Date :	12/7/2022
Drawn by:	KD
Reviewed:	BK
Page #:	2 of 2
Scale:	Not to Scale

## Receiving Waters Table

Eastpointe Community Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>Eastpointe Middle School</b>	EMS-15.MH.DP	42.478758	-82.928634	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	EMS-21.MH.DP	42.477784	-82.927535	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	EMS-22.CB.DP	42.477568	-82.927411	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	EMS-23.CB.DP	42.477386	-82.927402	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	EMS-24.CB.DP	42.477062	-82.927393	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	EMS-25.CB.DP	42.476728	-82.927828	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	EMS-26.MH.DP	42.476811	-82.927839	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
<b>Forest Park Elementary School</b>	FPE-01.CB.DP	42.475427	-82.930583	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	FPE-02.CB.DP	42.475480	-82.932038	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	FPE-08.CB.DP	42.476358	-82.930745	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair
	FPE-10.CB.DP	42.477184	-82.932148	City of Eastpointe MS4	Clinton River Spillway of Lake Saint Clair	Lake St. Clair



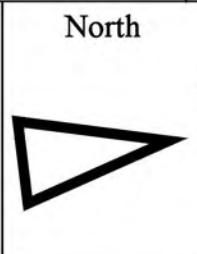
24701 Kelly Road, Eastpointe, MI 48021

# Eastpointe Middle School

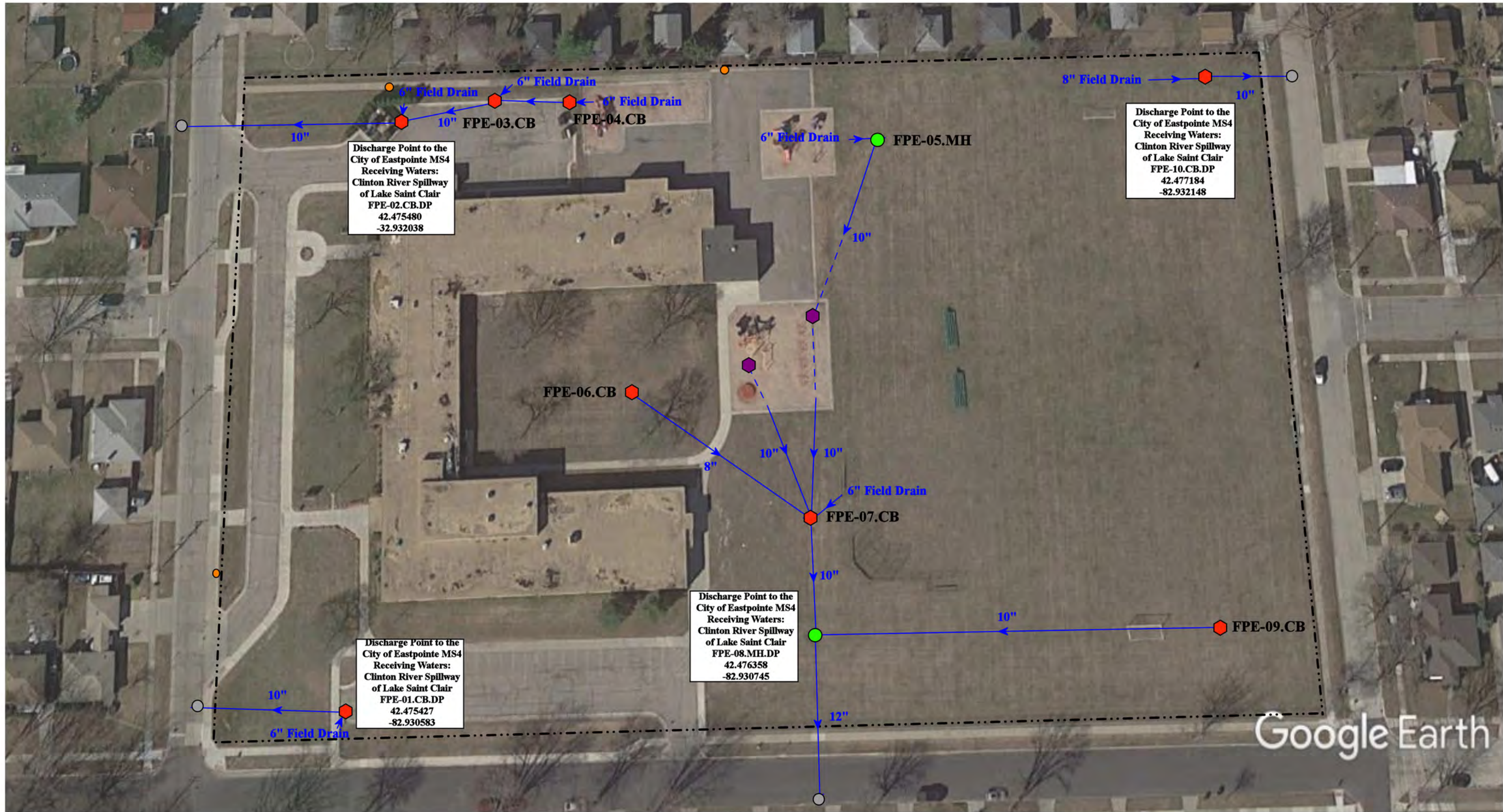
Eastpointe Community Schools

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Revision Date :	08/19/2022
Drawn by:	JPL
Reviewed:	EL
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the City of Eastpointe MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake Saint Clair  
FPE-02.CB.DP  
42.475480  
-82.932038

Discharge Point to the City of Eastpointe MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake Saint Clair  
FPE-10.CB.DP  
42.477184  
-82.932148

Discharge Point to the City of Eastpointe MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake Saint Clair  
FPE-01.CB.DP  
42.475427  
-82.930583

Discharge Point to the City of Eastpointe MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake Saint Clair  
FPE-08.MH.DP  
42.476358  
-82.930745

Google Earth

18361 Forest Avenue, Eastpointe, MI 48021

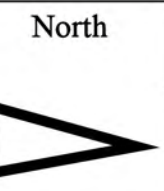
# Forest Park Elementary School

Eastpointe Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

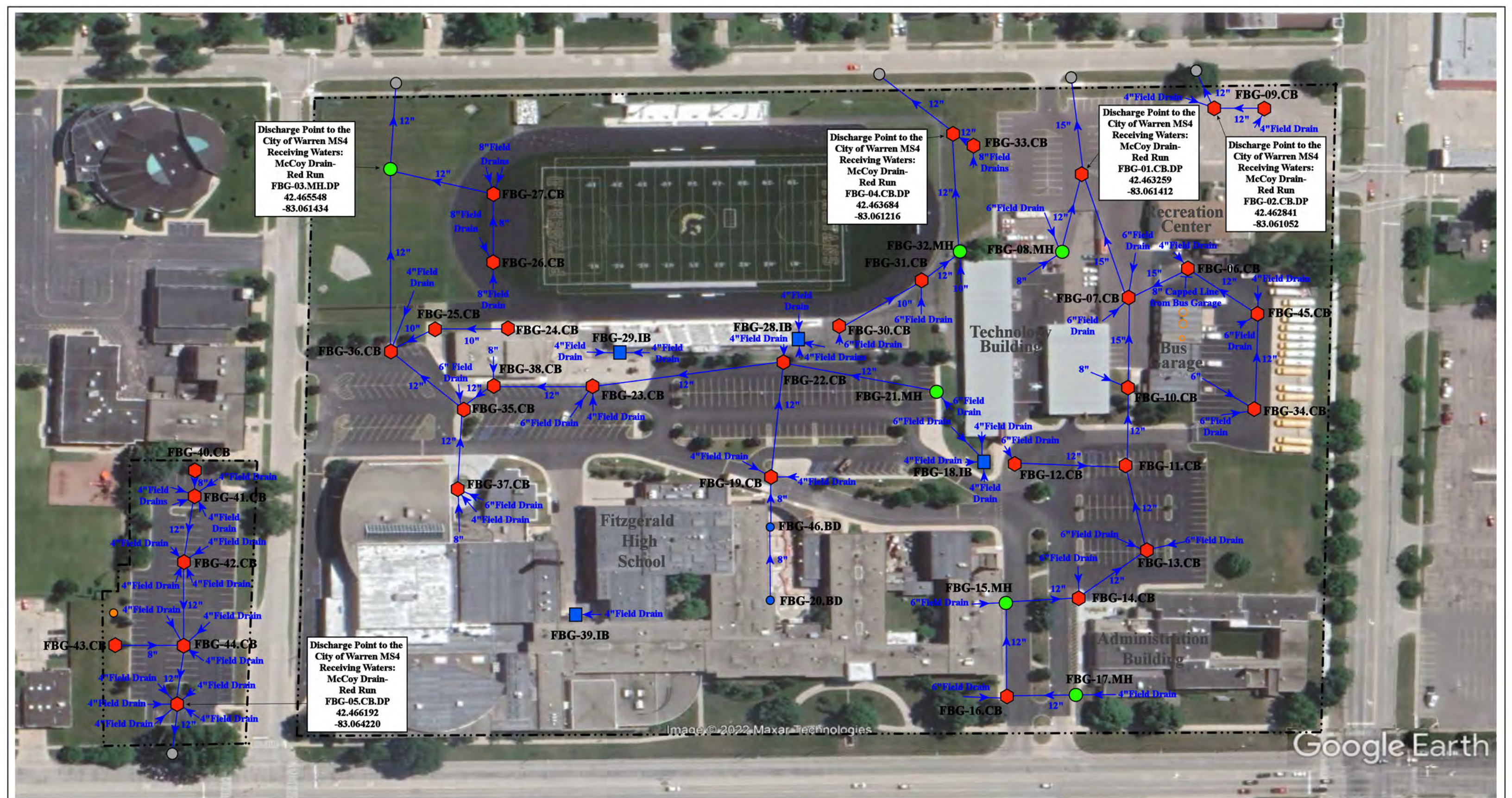
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Revision Date:	06/23/2023
Drawn by:	JLP
Reviewed:	EDG
Page #:	1 of 1
Scale:	Not to Scale

## Receiving Waters Table

Fitzgerald Public Schools						
FACILITY	OUTFALL / DISCHARGE POINT	GPS COORDINATES (Latitude/Longitude)		POINT OF DISCHARGE / OUTFALL	RECEIVING WATERS	WATERSHED
<b>Administration Building, Bus Garage, Fitzgerald High School, Fitzgerald Recreation Center Complex</b>	FBG-01.CB.DP	42.463259	-83.061412	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FBG-02.CB.DP	42.462841	-83.061052	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FBG-03.MH.DP	42.465548	-83.061434	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FBG-04.CB.DP	42.463684	-83.061216	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FBG-05.CB.DP	42.466192	-83.064220	City of Warren MS4	McCoy Drain - Red Run	Clinton River
<b>Chatterton Middle School</b>	FCM-01.CB.DP	42.473118	-83.067539	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FCM-02.MH.DP	42.474058	-83.067580	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FCM-03.CB.DP	42.475316	-83.067652	City of Warren MS4	McCoy Drain - Red Run	Clinton River
	FCM-37.CB.DP	42.474785	-83.069562	City of Warren MS4	McCoy Drain - Red Run	Clinton River
<b>Mound Park Elementary School</b>	FMP-01.CB.DP	42.455073	-83.051160	City of Warren MS4	McCoy Drain - Red Run	Clinton River
<b>Schofield Early Childhood Center</b>	FSE-03.MH.DP	42.452794	-83.074098	City of Warren MS4	McCoy Drain - Red Run	Clinton River
<b>Westview Elementary School</b>	FWE-01.MH.DP	42.472845	-83.075655	City of Warren MS4	McCoy Drain - Red Run	Clinton River



23020, 23200 Ryan Rd and 4217, 4355 Nine Mile Rd, Warren, MI 48091

Administration Building, Bus Garage, Fitzgerald High School & Recreation Center Complex

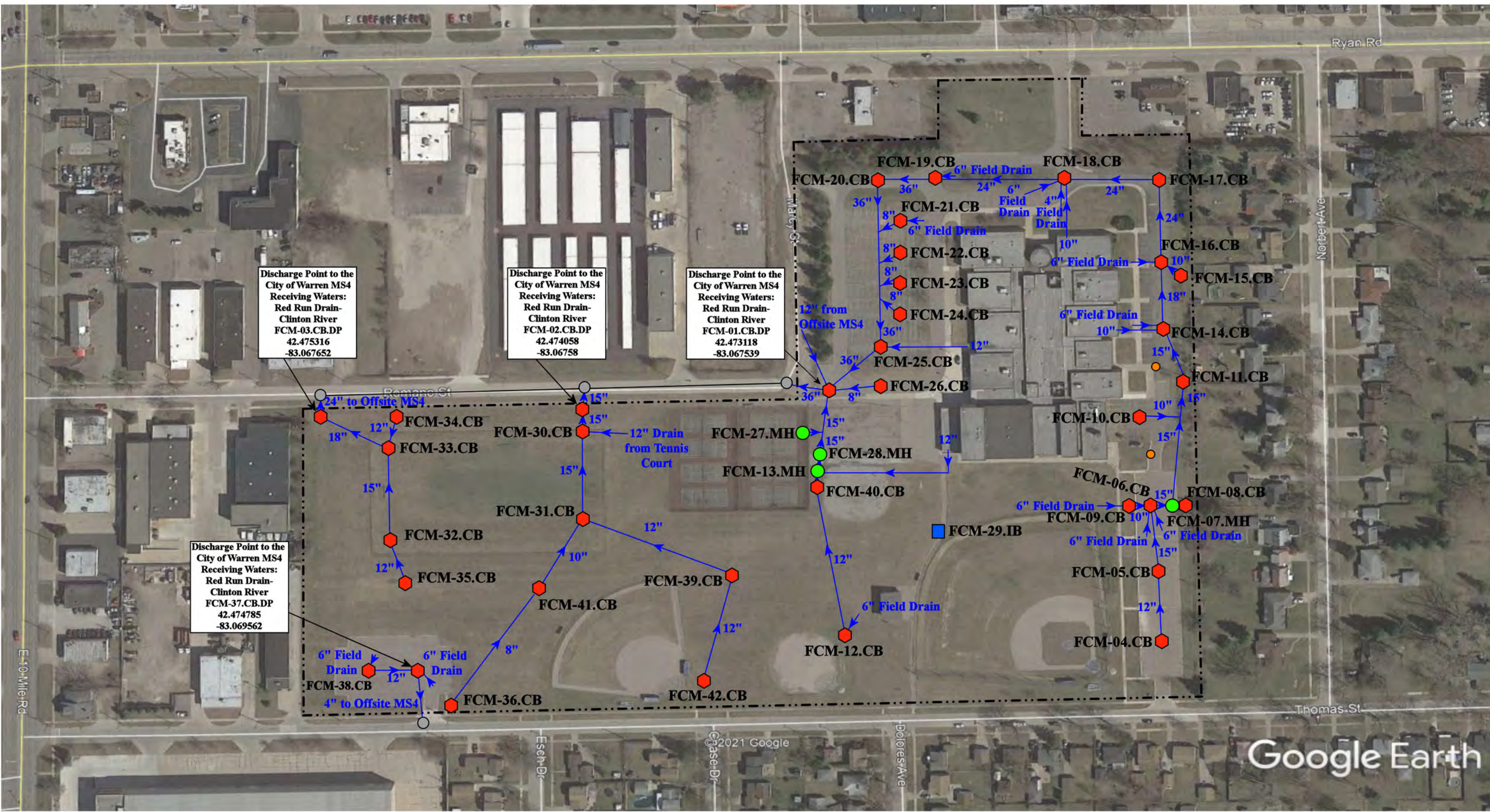
Fitzgerald Public Schools

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater Conveyance Channel
= Basin Drain	= Drainage Receptor	= Flow Splitter	= Floor Drain Confirmed to Sanitary
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	
= Sanitary	= Property Lines		

Revision Date :	09/29/2022
Drawn by:	CJ
Reviewed:	KD
Page #:	1 of 1
Scale:	Not to Scale



= Catch Basin	= Infiltration Basin	= Buried Structure	= Pond/Basin
= Manhole	= Open Pipe Outlet	= Stabilized Outlet	= Swale/Stormwater
= Basin Drain	= Drainage Receptor	= Flow Splitter	<b>Conveyance Channel</b>
= Offsite MS4	= Trench Drain	= Hydrodynamic Separator	= Underground Detention System
= Sanitary	= Property Lines		

2433 Ryan Rd., Warren, MI 48091

**Chatterton Middle School**  
Fitzgerald Public Schools

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date:	06/20/2023
Drawn by:	MRW
Reviewed:	VV
Page #:	1 of 1
Scale:	Not to Scale



Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
McCoy Drain-  
Red Run  
FMP-01.CB.DP  
42.455073  
-83.051160

6" Field Drain

6" to  
offsite MS4

Curie Ave

Cyman Ave

© 2021 Google

Google Earth

 = Catch Basin

----- = Property Lines

 = City of Warren MS4

North



5356 Toepfer Rd., Warren, MI 48091

**Mound Park Elementary School**

Fitzgerald Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Date: 5-7-21

Drawn by: MRW

Reviewed: EG

Page #: 1 of 1

Scale: Not to Scale





Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
McCoy Drain-Red Run  
FSE-03.MH.DP  
42.452794  
-83.074098

15" From Offsite

FSE-02.MH

FSE-01.SW

Google Earth

21555 Warner Ave, Warren MI

----- = Property Lines

○ = Offsite MS4

~~~~~ = Swale

● = Manhole



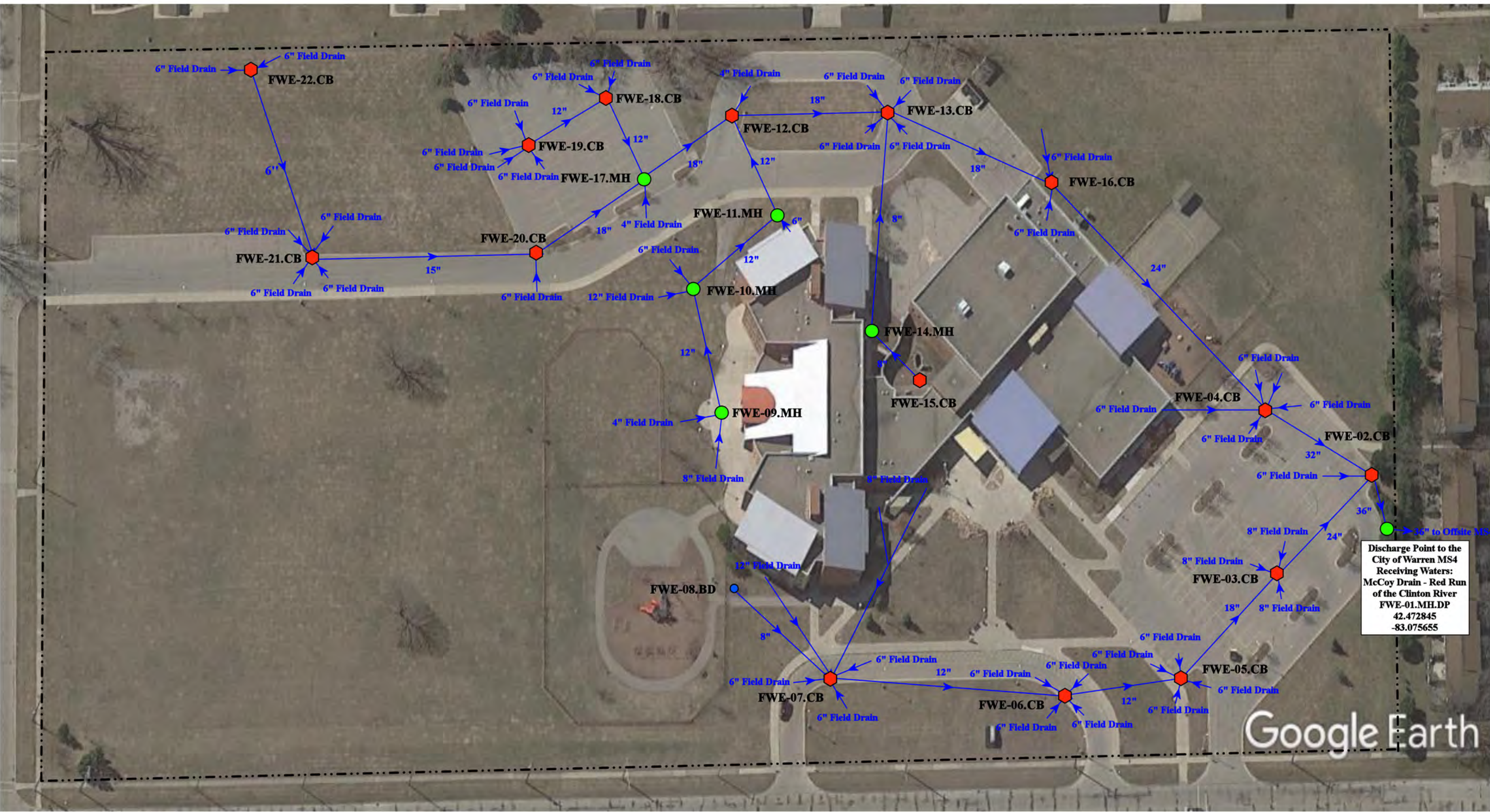
Schofield Early Childhood Center

Fitzgerald Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 5/13/2021    |
| Drawn by:       | WM           |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
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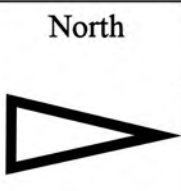


Discharge Point to the City of Warren MS4 Receiving Waters: McCoy Drain - Red Run of the Clinton River  
 FWE-01.MH.DP  
 42.472845  
 -83.075655

Google Earth

24077 Warner Avenue, Warren, MI 48091

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- 〰 = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



## Westview Elementary School

Fitzgerald Public School

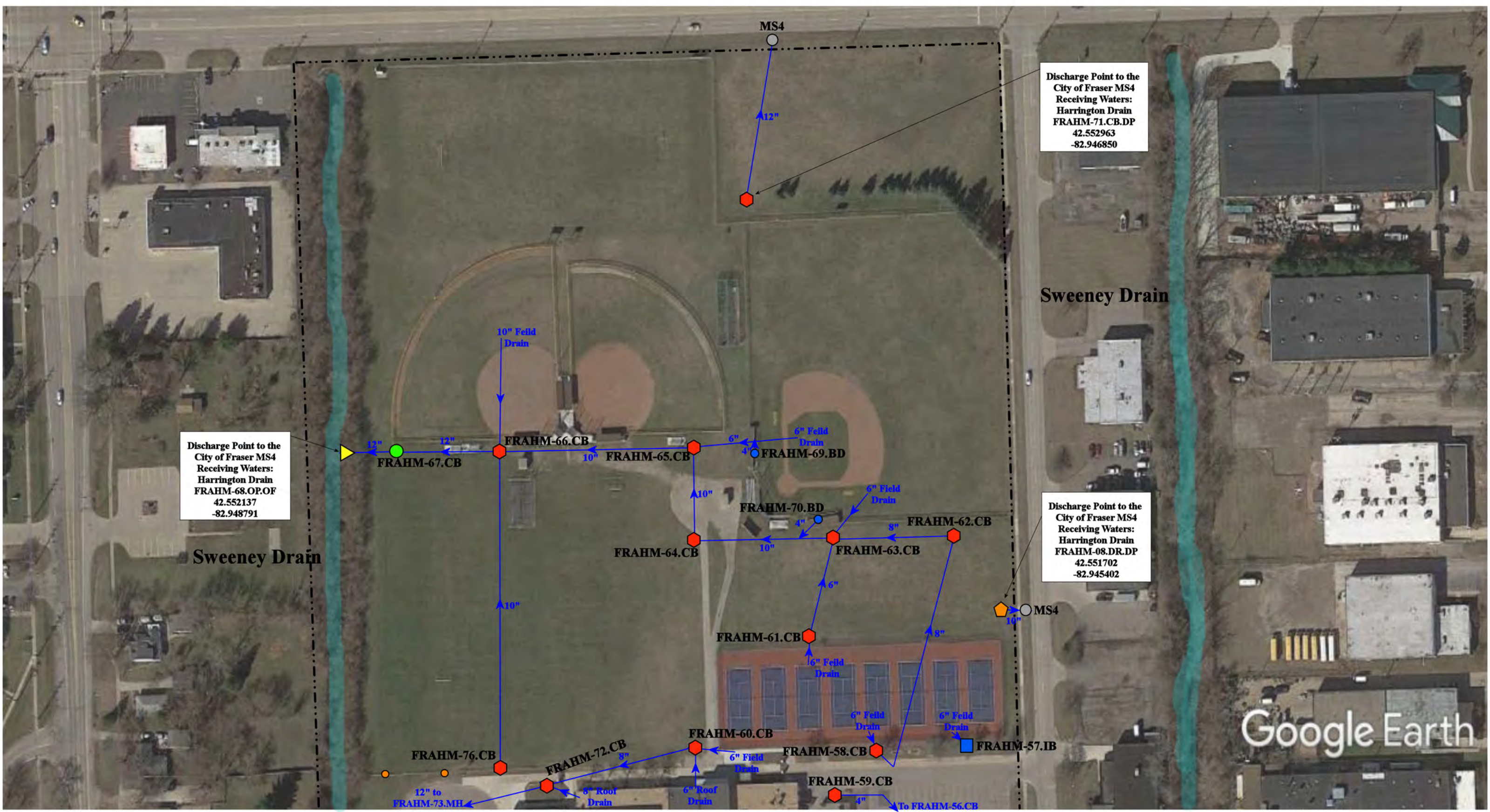


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|           |              |
|-----------|--------------|
| Date:     | 9/28/2022    |
| Drawn by: | WM           |
| Reviewed: | EG           |
| Page #:   | 1 of 1       |
| Scale:    | Not to Scale |

## Receiving Waters Table

| Fraser Public Schools                                                                                        |                           |                                      |                             |                                       |                                       |               |
|--------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|-----------------------------|---------------------------------------|---------------------------------------|---------------|
| FACILITY                                                                                                     | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |                             | POINT OF DISCHARGE / OUTFALL          | RECEIVING WATERS                      | WATERSHED     |
| <b>Administration Building, Fraser High School, Richards Middle School, and Maintenance Facility Complex</b> | FRAHM-01.CB.DP            | 42.543630                            | -82.949083                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-02.CB.DP            | 42.544293                            | -82.949700                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-03.OP.DP            | 42.544490                            | -82.948327                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-04.CB.DP            | 42.545835                            | -82.947452                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-05.OP.OF            | 42.547639                            | -82.949847                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-06.OP.OF            | 42.548326                            | -82.949256                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-07.OP.OF            | 42.547644                            | -82.949849                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-08.DR.DP            | 42.551702                            | -82.945402                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-68.OP.OF            | 42.552137                            | -82.948791                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRAHM-71.CB.DP            | 42.552963                            | -82.946850                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
| FRAHM-89.OP.OF                                                                                               | 42.548633                 | -82.949242                           | Surface Waters of the State | Harrington Drain of the Clinton River | Clinton River                         |               |
| <b>Disney Elementary School</b>                                                                              | FRDE-01.MH.OF             | 42.561635                            | -82.931921                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRDE-02.MH.OF             | 42.561270                            | -82.933248                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
| <b>Dooley Center</b>                                                                                         | FRDC-01.CB.DP             | 42.522198                            | -82.955143                  | City of Roseville MS4                 | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRDC-02.CB.DP             | 42.522206                            | -82.956021                  | City of Roseville MS4                 | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRDC-06.CB.DP             | 42.523137                            | -82.955002                  | City of Roseville MS4                 | Harrington Drain of the Clinton River | Clinton River |
| <b>Edison Elementary School</b>                                                                              | FRED-01.CB.OF             | 42.451093                            | -82.945690                  | Surface Waters of the State           | Sweeney Drain of the Clinton River    | Clinton River |
| <b>Eisenhower Elementary School</b>                                                                          | FREE-14.CB.DP             | 42.527092                            | -82.941107                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
| <b>Emerson Elementary School</b>                                                                             | FREM-01.CB.DP             | 42.532056                            | -82.954893                  | City of Fraser MS4                    | Harrington Drain of the Clinton River | Clinton River |
| <b>Fraser Bus Garage</b>                                                                                     | FRTR-01.MH.DP             | 42.531655                            | -82.952941                  | City of Fraser MS4                    | Sweeney Drain of the Clinton River    | Clinton River |
| <b>Mark Twain Elementary School</b>                                                                          | FRTE-01.HDS.DP            | 42.521282                            | -82.963995                  | City of Roseville MS4                 | Harrington Drain of the Clinton River | Clinton River |
| <b>Salk Elementary School</b>                                                                                | FRSE-01.DR.DP             | 42.553896                            | -82.941514                  | MCPWO-MS4                             | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRSE-02.CB.DP             | 42.553927                            | -82.941429                  | MCPWO-MS4                             | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRSE-03.DR.DP             | 42.553904                            | -82.941288                  | MCPWO-MS4                             | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRSE-04.MH.OF             | 42.556052                            | -82.942329                  | Surface Waters of the State           | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRSE-07.DR.DP             | 42.553913                            | -82.940406                  | MCPWO-MS4                             | Harrington Drain of the Clinton River | Clinton River |
|                                                                                                              | FRSE-17.DR.DP             | 42.553893                            | -82.941248                  | MCPWO-MS4                             | Harrington Drain of the Clinton River | Clinton River |




Discharge Point to the City of Fraser MS4  
 Receiving Waters:  
 Harrington Drain  
 FRAHM-68.OP.OF  
 42.552137  
 -82.948791

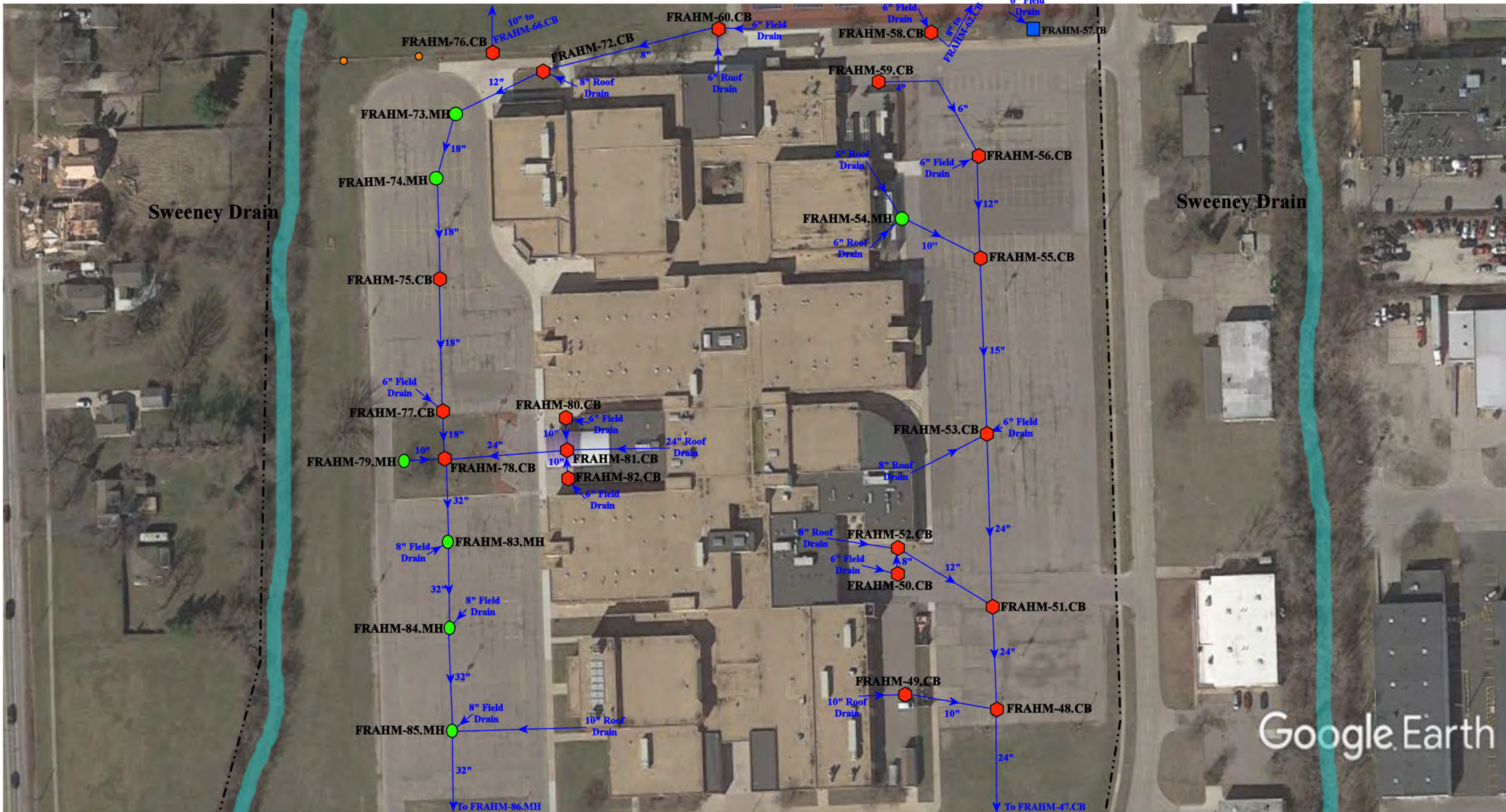
Discharge Point to the City of Fraser MS4  
 Receiving Waters:  
 Harrington Drain  
 FRAHM-71.CB.DP  
 42.552963  
 -82.946850



Discharge Point to the City of Fraser MS4  
 Receiving Waters:  
 Harrington Drain  
 FRAHM-08.DR.DP  
 42.551702  
 -82.945402

- - - - = Property Lines  
 ▲ = Open Pipe Outlet  
 ● = Sanitary  
 ● (red) = Catch Basin  
 ● (orange) = Drainage Receptor  
 ● (light blue) = Sweeney Drain  
 ● (green) = Manhole  
 ● (blue) = Basin Drain  
 ● (grey) = City of Fraser MS4



|                                                                                                                                                                                         |  |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|
| 33466, 33500, 34270 Garfield Road and 33499 Klein Road Fraser, MI 48026                                                                                                                 |  |                           |
| Administration-Fraser High School-<br>Richard Middle School- Maintenance Complex                                                                                                        |  | Revision Date: 10/14/2021 |
| Fraser Public Schools                                                                                                                                                                   |  | Drawn by: EMB             |
|  37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Reviewed: EG              |
|                                                                                                                                                                                         |  | Page #: 1 of 4            |
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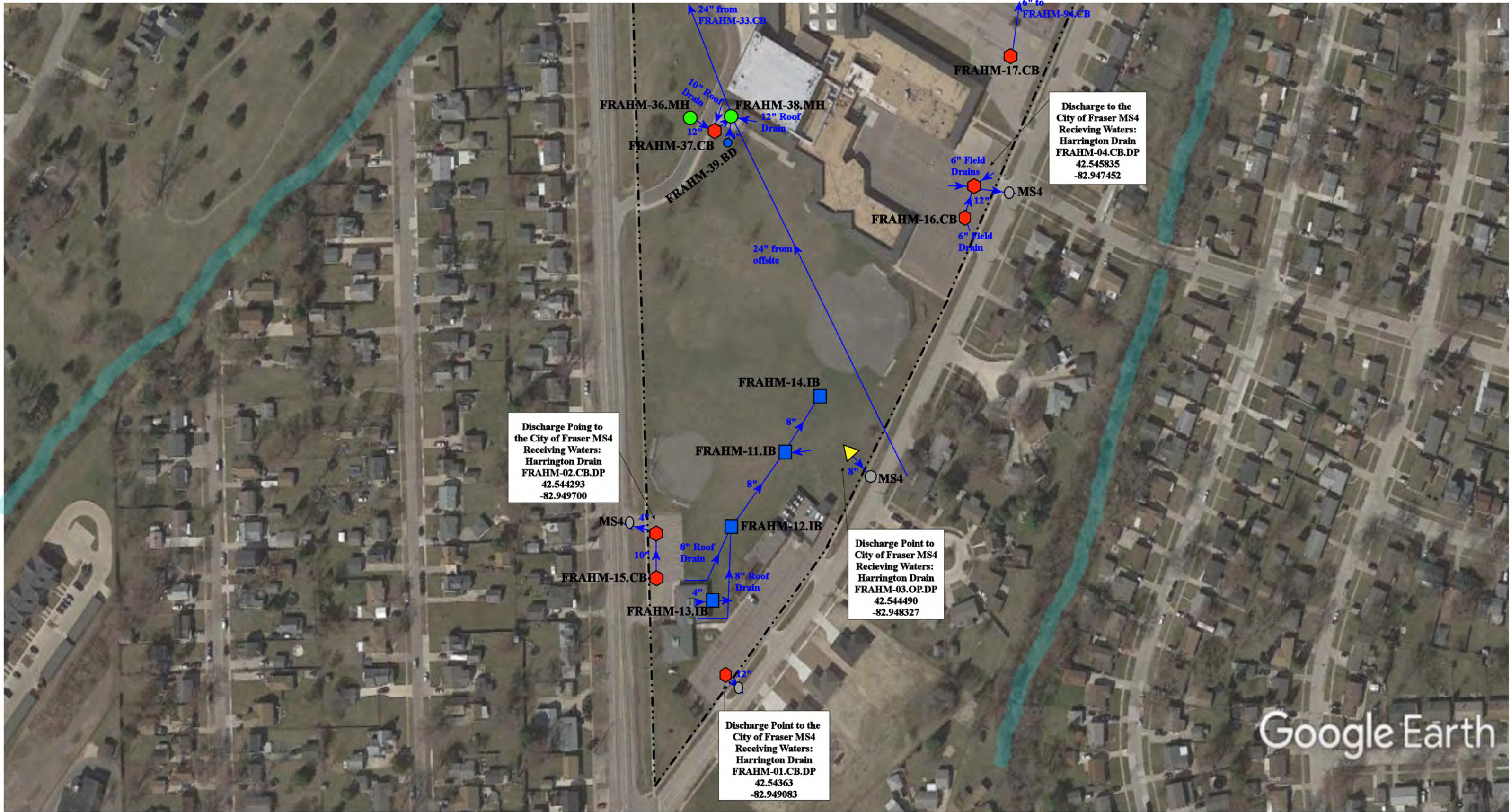
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <p>----- = Property Lines</p> <p>■ = Infiltration Basin</p> <p>● = Catch Basin</p> <p>● = Manhole</p> <p>● = Sanitary</p> <p>● = Sweeney Drain</p>                                                             |  | <p>North</p>  | <p>33466, 33500, 34270 Garfield Road and 33499 Klien Road Fraser, MI 48026</p>                              |                                                                                                                            |
| <p>Administration-Fraser High School-</p> <p>Richard Middle School- Maintenance Complex</p> <p>Fraser Public Schools</p>  |  |                                                                                                    | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> | <p>Revision Date: 10/14/2021</p> <p>Drawn by: EMB</p> <p>Reviewed: EG</p> <p>Page #: 2 of 4</p> <p>Scale: Not to Scale</p> |



- - - - - = Property Lines  
 ● = Manhole  
 ▲ = Open Pipe Outlet  
 ● = Sanitary  
 ● = Catch Basin  
 ● = Stabilized Outlet  
 ● = Buried Basin  
 ● = RipRap



|                                                                                                                                                                                         |  |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|
| 33466, 33500, 34270 Garfield Road and 33499 Klein Road Fraser, MI 48026                                                                                                                 |  |                           |
| Administration-Fraser High School-<br>Richard Middle School- Maintenance Complex                                                                                                        |  | Revision Date: 10/14/2021 |
| Fraser Public Schools                                                                                                                                                                   |  | Drawn by: EMB             |
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Google Earth

33466, 33500, 34270 Garfield Road and 33499 Klein Road Fraser, MI 48026

|       |                  |   |                      |   |                      |
|-------|------------------|---|----------------------|---|----------------------|
| ----- | = Property Lines | ● | = Manhole            | ● | = Basin Drain        |
| ○     | = Sweeney Drain  | ■ | = Infiltration Basin | ○ | = City of Fraser MS4 |
| ⬠     | = Catch Baisn    | ▲ | = Open Pipe Outlet   |   |                      |



|                                                                                                                                                                                         |  |                 |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| Administration-Fraser High School-<br>Richard Middle School- Maintenance Complex                                                                                                        |  | Revision Date : | 10/14/2021   |
| Fraser Public Schools                                                                                                                                                                   |  | Drawn by:       | EMB          |
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|                                                                                                                                                                                         |  | Page #:         | 4 of 4       |
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Google Earth

16465 Masonic Blvd, Fraser, MI 48026

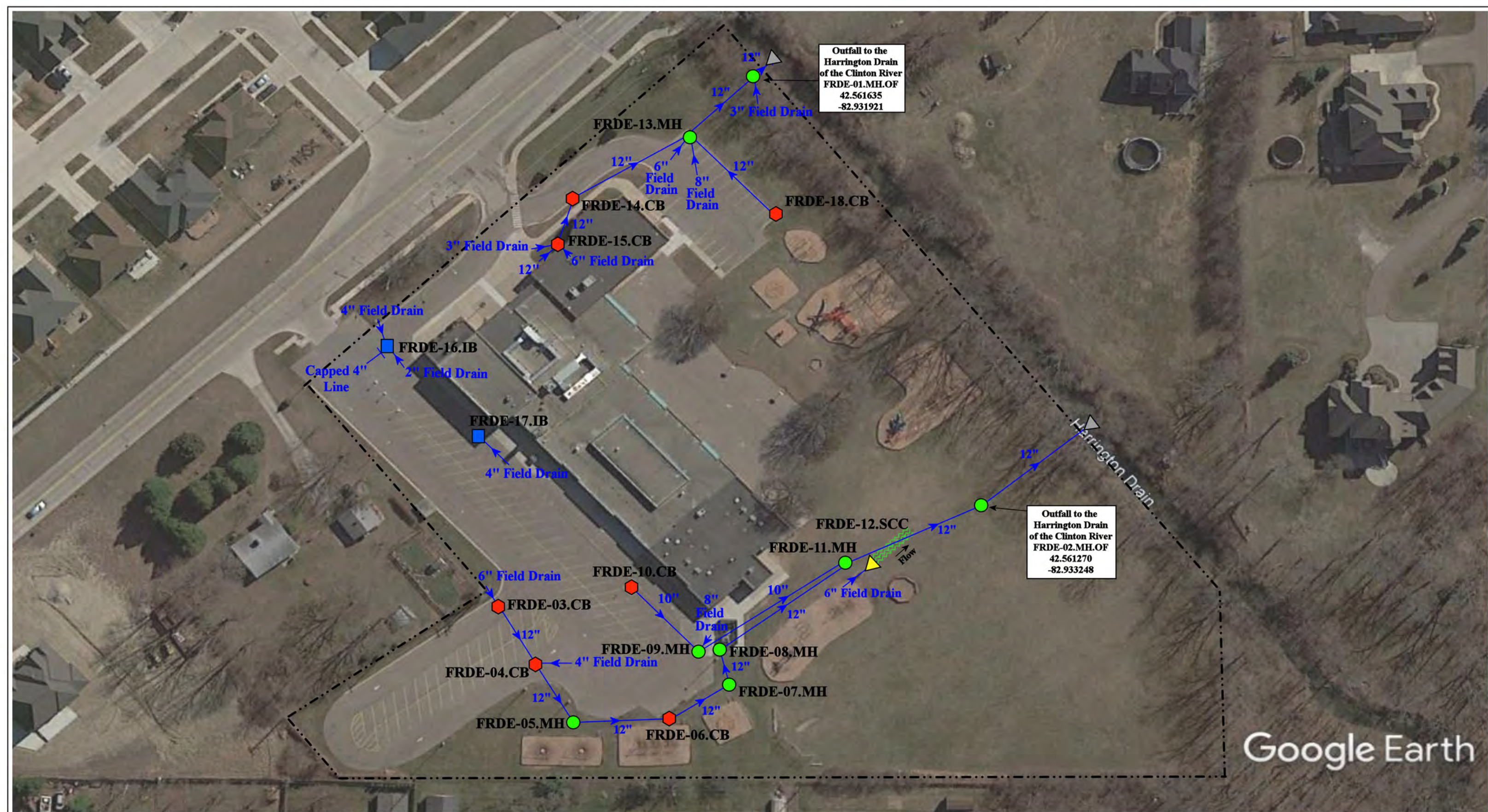
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



|                                                                                       |  |                 |              |
|---------------------------------------------------------------------------------------|--|-----------------|--------------|
| <b>Bus Garage</b>                                                                     |  | Revision Date : | 05/17/2022   |
| Fraser Public School                                                                  |  | Drawn by:       | EG           |
|  |  | Reviewed:       | VV           |
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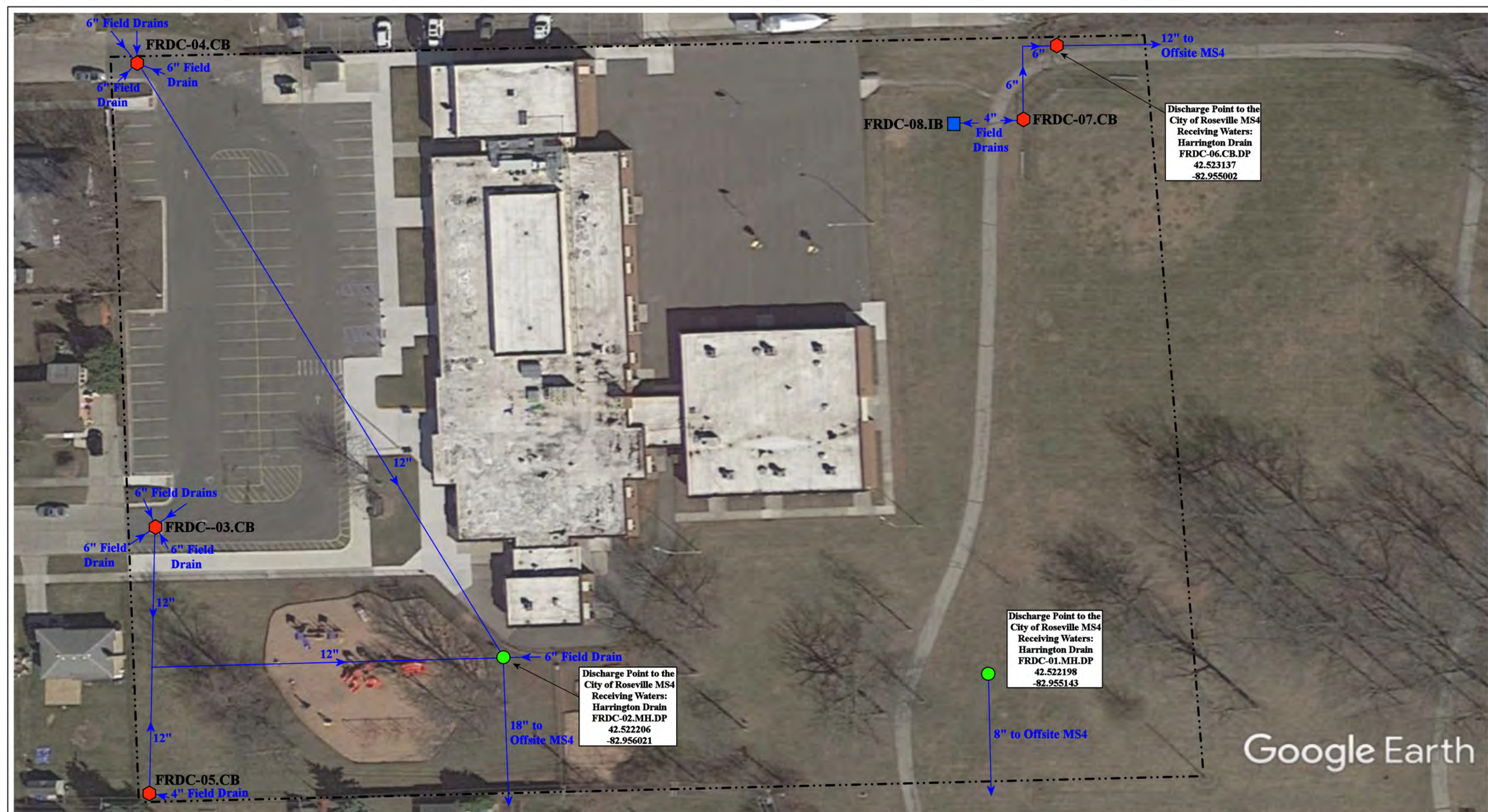
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305





Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |  |  |              |                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |            |           |    |           |    |         |        |        |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|--|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|-----------|----|-----------|----|---------|--------|--------|--------------|
| <ul style="list-style-type: none"> <li style="width: 25%;"> = Catch Basin</li> <li style="width: 25%;"> = Infiltration Basin</li> <li style="width: 25%;"> = Buried Structure</li> <li style="width: 25%;"> = Pond/Basin</li> <li style="width: 25%;"> = Manhole</li> <li style="width: 25%;"> = Open Pipe Outlet</li> <li style="width: 25%;"> = Stabilized Outlet</li> <li style="width: 25%;"> = Swale/Stormwater</li> <li style="width: 25%;"> = Basin Drain</li> <li style="width: 25%;"> = Drainage Receptor</li> <li style="width: 25%;"> = Flow Splitter</li> <li style="width: 25%;"> = Conveyance Channel</li> <li style="width: 25%;"> = Offsite MS4</li> <li style="width: 25%;"> = Trench Drain</li> <li style="width: 25%;"> = Hydrodynamic Separator</li> <li style="width: 25%;"> = Underground Detention System</li> <li style="width: 25%;"> = Sanitary</li> <li style="width: 25%;"> = Property Lines</li> </ul> |              |  |  | <p>North</p> | <p>36155 Kelly Road, Clinton Township, Michigan 48035</p> <h2 style="margin: 0;">Disney Elementary School</h2> <p style="margin: 0;">Fraser Public Schools</p> |  | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="font-size: small;">Revision Date :</td><td>10/19/2022</td></tr> <tr><td style="font-size: small;">Drawn by:</td><td>WM</td></tr> <tr><td style="font-size: small;">Reviewed:</td><td>VH</td></tr> <tr><td style="font-size: small;">Page #:</td><td>1 of 1</td></tr> <tr><td style="font-size: small;">Scale:</td><td>Not to Scale</td></tr> </table> | Revision Date : | 10/19/2022 | Drawn by: | WM | Reviewed: | VH | Page #: | 1 of 1 | Scale: | Not to Scale |
| Revision Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10/19/2022   |  |  |              |                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |            |           |    |           |    |         |        |        |              |
| Drawn by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | WM           |  |  |              |                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |            |           |    |           |    |         |        |        |              |
| Reviewed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | VH           |  |  |              |                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |            |           |    |           |    |         |        |        |              |
| Page #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 of 1       |  |  |              |                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |            |           |    |           |    |         |        |        |              |
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| <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |  |  |              |                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |            |           |    |           |    |         |        |        |              |

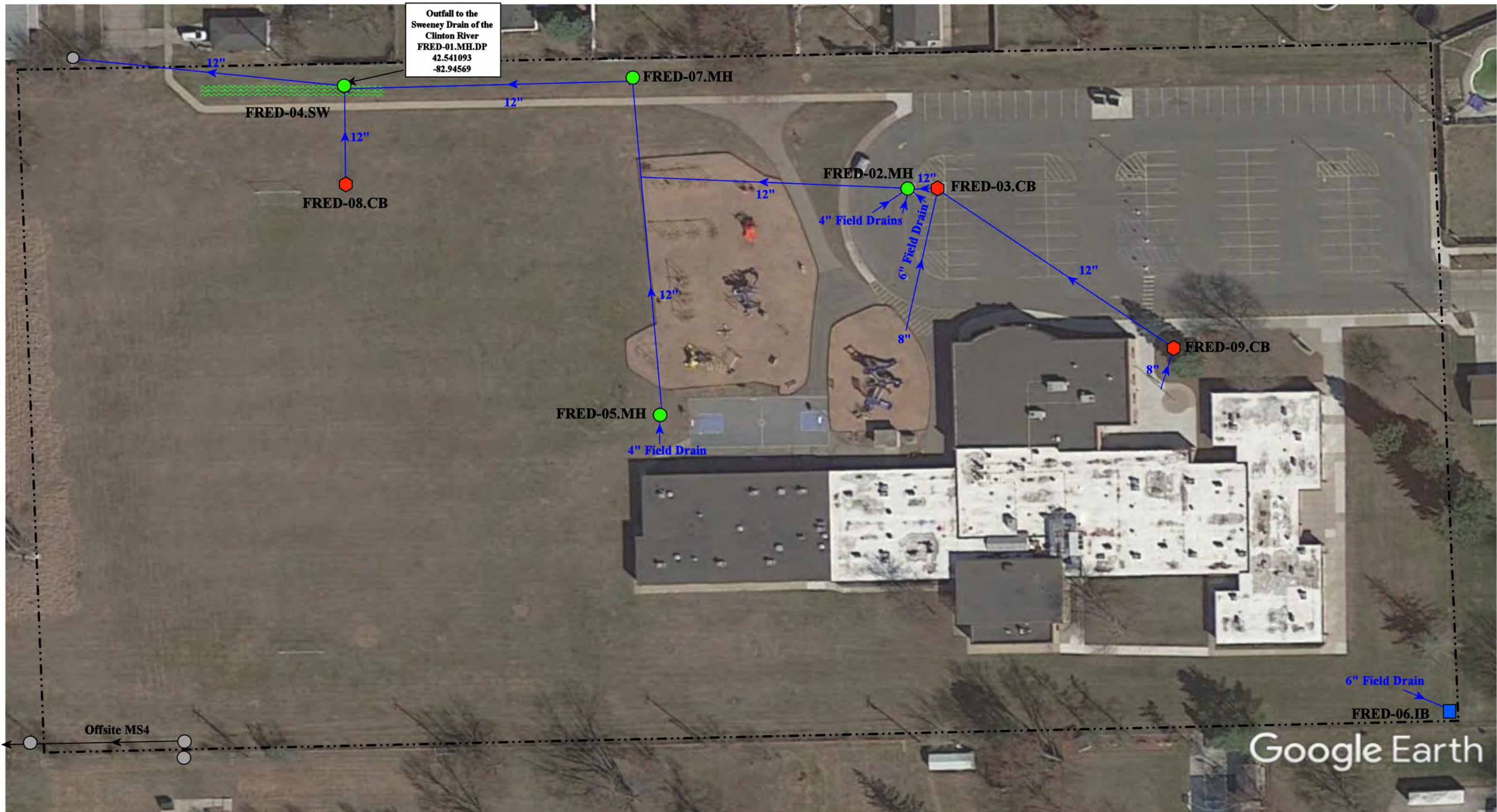


Google Earth

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|---------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------|--|
| 16170 Canberra Street, Roseville, Michigan 48066                                                                    |  |  |  | Revision Date: 05/15/2022 |  |
| <b>Dooley Center</b>                                                                                                |  |  |  | Drawn by: EG              |  |
| Fraser Public Schools                                                                                               |  |  |  | Reviewed: KD              |  |
|                                                                                                                     |  |  |  | Page #: 1 of 1            |  |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  |  |  | Scale: Not to Scale       |  |

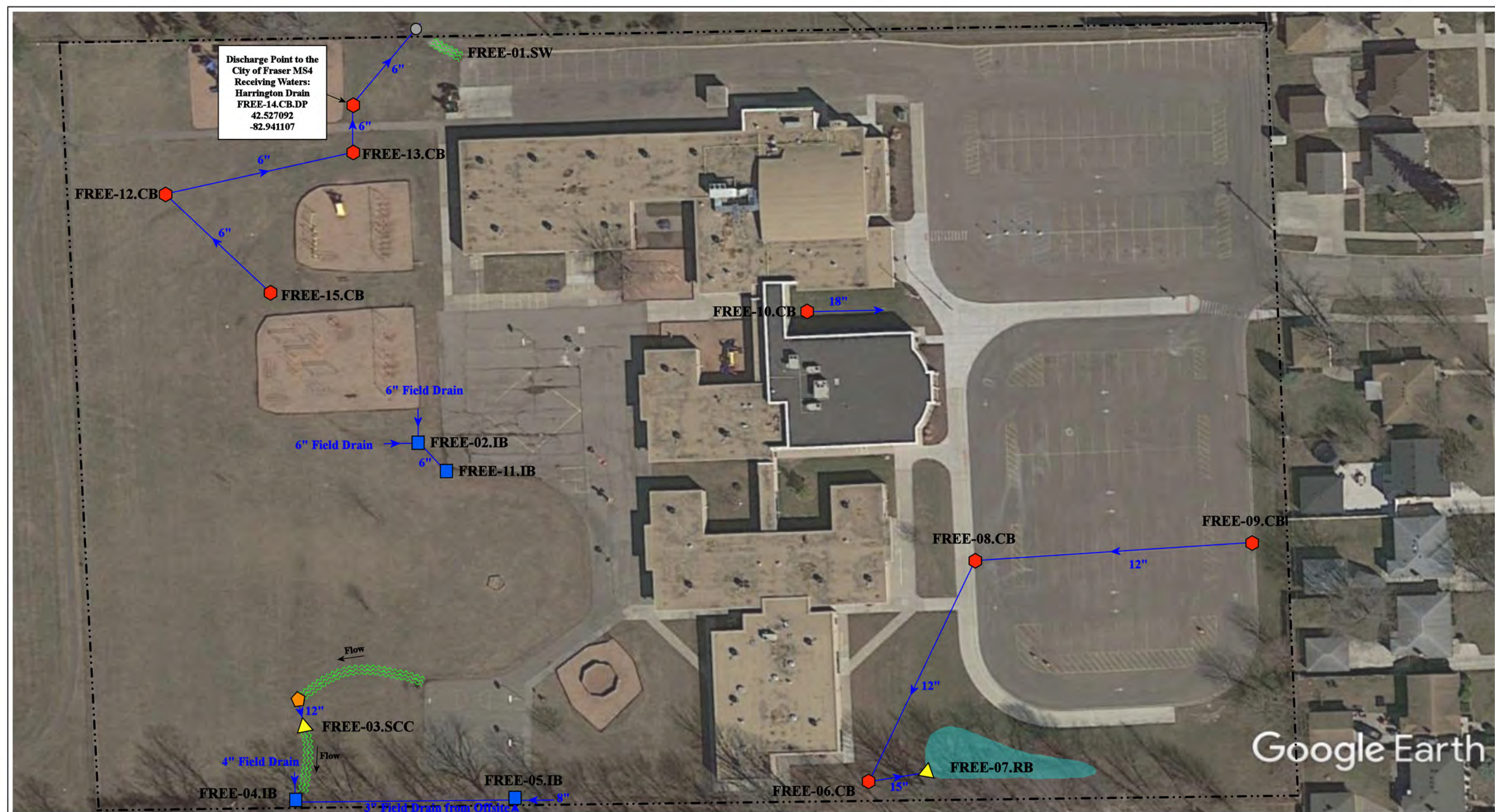
|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <ul style="list-style-type: none"> <li><span style="color: red;">●</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="border: 1px solid gray; border-radius: 50%; width: 10px; height: 10px; display: inline-block;"></span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> = Trench Drain</li> <li><span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> = Property Lines</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: purple;">■</span> = Buried Structure</li> <li><span style="color: teal;">■</span> = Stabilized Outlet</li> <li><span style="border: 1px solid magenta; width: 10px; height: 10px; display: inline-block;"></span> = Flow Splitter</li> <li><span style="color: blue; border: 1px solid blue; border-radius: 50%; width: 10px; height: 10px; display: inline-block;"></span> = Hydrodynamic Separator</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="border-bottom: 1px dashed cyan; width: 20px; display: inline-block;"></span> = Swale/Stormwater</li> <li><span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> = Conveyance Channel</li> <li><span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> = Underground Detention System</li> </ul> | <p>North</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 17470 Sewell Avenue, Fraser, Michigan 49649                                                                         |  |                 |              |
| <b>Thomas Edison Elementary School</b>                                                                              |  | Revision Date : | 10/19/2022   |
| Fraser Public Schools                                                                                               |  | Drawn by:       | WM           |
|                                                                                                                     |  | Reviewed:       | VH           |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:         | 1 of 1       |
|                                                                                                                     |  | Scale:          | Not to Scale |



Discharge Point to the  
City of Fraser MS4  
Receiving Waters:  
Harrington Drain  
FREE-14.CB.DP  
42.527092  
-82.941107

31275 Eveningside, Fraser, Michigan 48026

**Eisenhower Elementary School**

Fraser Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                 |              |
|-----------------|--------------|
| Revision Date : | 03/17/2023   |
| Drawn by:       | EG           |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the  
City of Fraser MS4  
Receiving Waters:  
Harrington Drain  
of the Clinton River  
FREM-01.CB.DP  
42.532056  
-82.954893

Google Earth

32151 Danna Street, Fraser, MI 48026

# Emerson Elementary School

Fraser Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

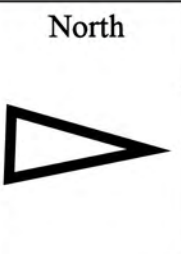
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|----------------|--------------|
| Revision Date: | 05/20/2022   |
| Drawn by:      | EG           |
| Reviewed:      | KD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |

|                   |                      |                          |                                |
|-------------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin     | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole         | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Landscape Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4     | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary        | = Property Lines     |                          |                                |





- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 17601 15 Mile Rd, Clinton Twp, MI 48035                                                                             |  | Revision Date : | 05/17/2022   |
| <b>Salk Elementary School</b>                                                                                       |  | Drawn by:       | EG           |
| Fraser Public Schools                                                                                               |  | Reviewed:       | KD           |
|                                                                                                                     |  | Page #:         | 1 of 1       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:          | Not to Scale |



30601 Calahan Road, Roseville, MI 48066

# Mark Twain Elementary School

Fraser Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Rip Rap                             |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |

|                 |              |
|-----------------|--------------|
| Revision Date : | 05/17/2022   |
| Drawn by:       | EG           |
| Reviewed:       | VV           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

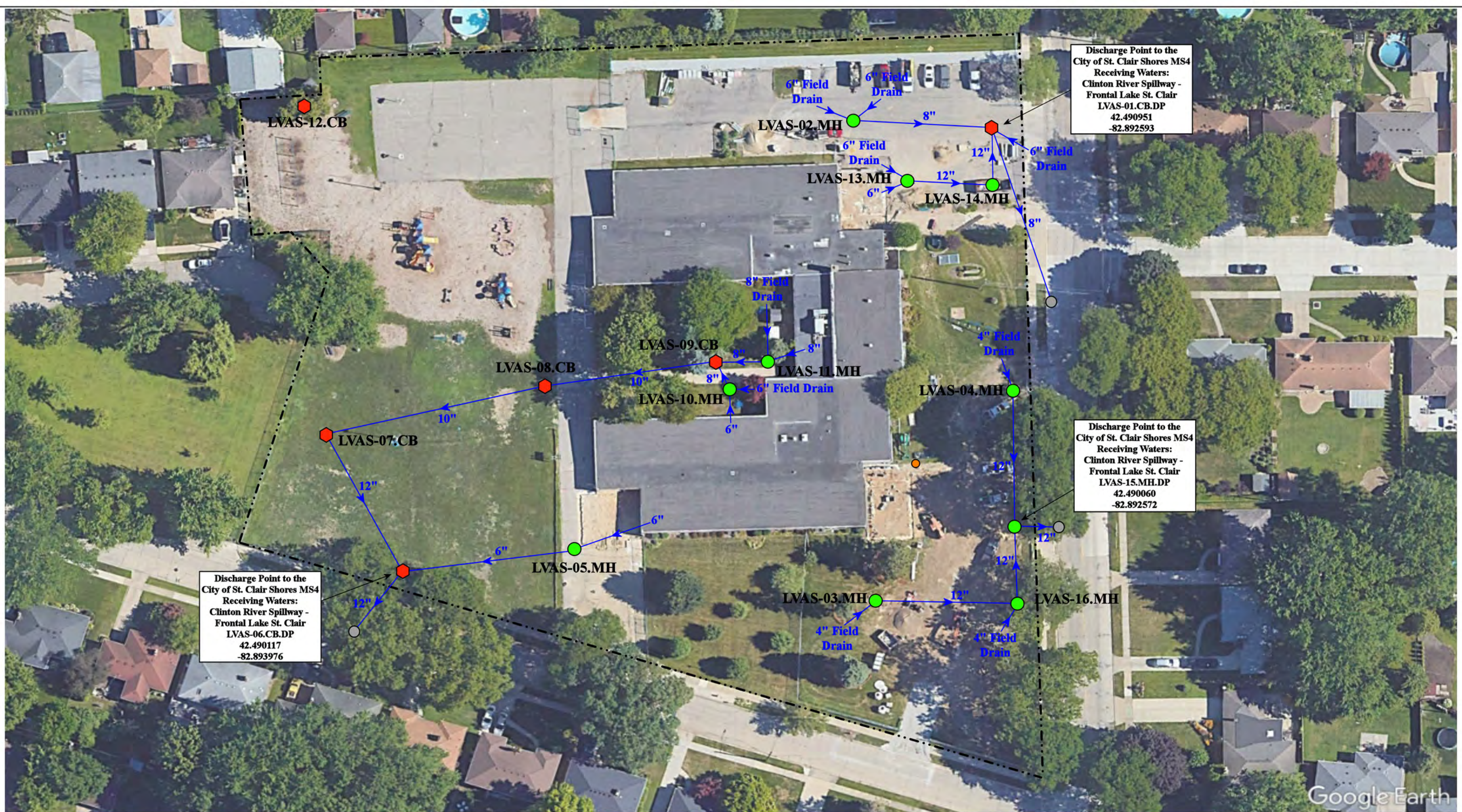
## Receiving Waters Table

| Lakeview Public Schools            |                           |                                      |            |                              |                                                   |                          |
|------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|---------------------------------------------------|--------------------------|
| FACILITY                           | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                                  | WATERSHED                |
| <b>Ardmore Elementary School</b>   | LVAS-01.CB.DP             | 42.490951                            | -82.892589 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVAS-06.CB.DP             | 42.490114                            | -82.893928 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVAS-15.MH.DP             | 42.490060                            | -82.892572 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
| <b>Greenwood Elementary School</b> | LVGE-01.CB.DP             | 42.497639                            | -82.911953 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
|                                    | LVGE-02.CB.DP             | 42.498477                            | -82.912049 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
|                                    | LVGE-06.CB.DP             | 42.497811                            | -82.911332 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
|                                    | LVGE-09.CB.DP             | 42.498134                            | -82.911162 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
|                                    | LVGE-11.CB.DP             | 42.498397                            | -82.911145 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
|                                    | LVGE-12.CB.DP             | 42.498957                            | -82.910972 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
|                                    | LVGE-14.MH.DP             | 42.497585                            | -82.912158 | City of St. Clair Shores MS4 | Lake St. Clair                                    | Lake St. Clair Watershed |
| <b>Harmon Elementary School</b>    | LAHE-01.MH.DP             | 42.477355                            | -82.908272 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LAHE-05.MH.DP             | 42.478607                            | -82.909253 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LAHE-09.MH.DP             | 42.476282                            | -82.909364 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LAHE-17.BD.DP             | 42.476984                            | -82.909364 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LAHE-24.HDS.DP            | 42.477818                            | -82.909444 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
| <b>Jefferson Middle School</b>     | LVJS-01.CB.DP             | 42.496539                            | -82.909455 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-05.CB.DP             | 42.497774                            | -82.909515 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-07.CB.DP             | 42.496280                            | -82.907912 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-11.MH.DP             | 42.497033                            | -82.907934 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-12.CB.DP             | 42.497937                            | -82.907982 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-17.HDS.DP            | 42.49873                             | -82.908037 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-22.MH.DP             | 42.497105                            | -82.909363 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-28.MH.DP             | 42.497862                            | -82.908948 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                    | LVJS-31.CB.DP             | 42.498174                            | -82.909057 | City of St. Clair Shores MS4 | Clinton River Spillway - Frontal Lake Saint Clair | Lake St. Clair Watershed |



## Receiving Waters Table

| Lakeview Public Schools                                                                                      |                              |                                         |            |                                 |                                                      |                          |
|--------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|------------------------------------------------------|--------------------------|
| FACILITY                                                                                                     | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                                     | WATERSHED                |
| <b>Lakeview High School,<br/>Administration and Wheat<br/>Early Childhood Development<br/>Center Complex</b> | LVHS-01.MH.DP                | 42.494979                               | -82.897774 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-04.MH.DP                | 42.495489                               | -82.901041 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-28.MH.DP                | 42.495428                               | -82.901970 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-32.MH.DP                | 42.495436                               | -82.902162 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-40.MH.DP                | 42.495137                               | -82.904346 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-42.CB.DP                | 42.494987                               | -82.905273 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-44.CB.DP                | 42.494734                               | -82.906508 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-48.MH.DP                | 42.494534                               | -82.905271 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-63.HS.DP                | 42.494205                               | -82.908095 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
|                                                                                                              | LVHS-65.HS.DP                | 42.494175                               | -82.909271 | City of St. Clair Shores MS4    | Clinton River Spillway -<br>Frontal Lake Saint Clair | Lake St. Clair Watershed |
| <b>Princeton Elementary School</b>                                                                           | LVPS-04.MH.DP                | 42.483219                               | -82.911759 | City of St. Clair Shores MS4    | Lake St. Clair                                       | Lake St. Clair Watershed |
|                                                                                                              | LVPS-12.CB.DP                | 42.481717                               | -82.912282 | City of St. Clair Shores MS4    | Lake St. Clair                                       | Lake St. Clair Watershed |



Discharge Point to the City of St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway -  
Frontal Lake St. Clair  
LVAS-06.CB.DP  
42.490117  
-82.893976

Discharge Point to the City of St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway -  
Frontal Lake St. Clair  
LVAS-01.CB.DP  
42.490951  
-82.892593

Discharge Point to the City of St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway -  
Frontal Lake St. Clair  
LVAS-15.MH.DP  
42.490060  
-82.892572

27001 Greater Mack Avenue, St. Clair Shores, Michigan 48081

# Ardmore Elementary School

Lakeview Public Schools

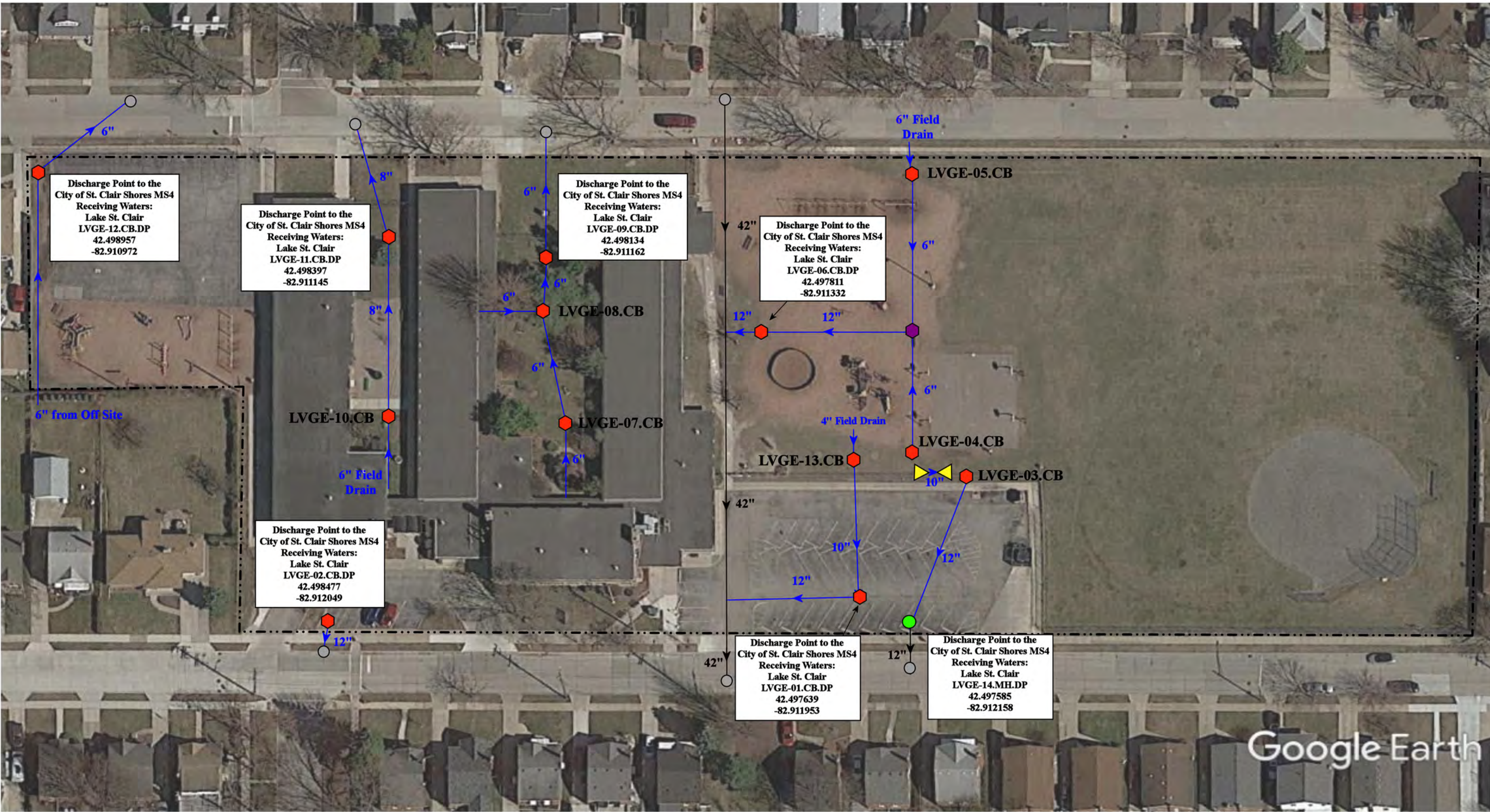


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ▣ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▣ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- ⬡ = Pond/Basin
- ⬡ = Swale/Stormwater Conveyance Channel
- ⬡ = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 06/05/2023   |
| Drawn by:      | KD           |
| Reviewed:      | EG           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Google Earth

27900 Joan Street, St. Clair Shores, Michigan 48081

# Greenwood Elementary School

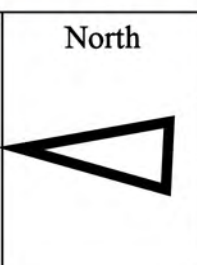
Lakeview Public Schools

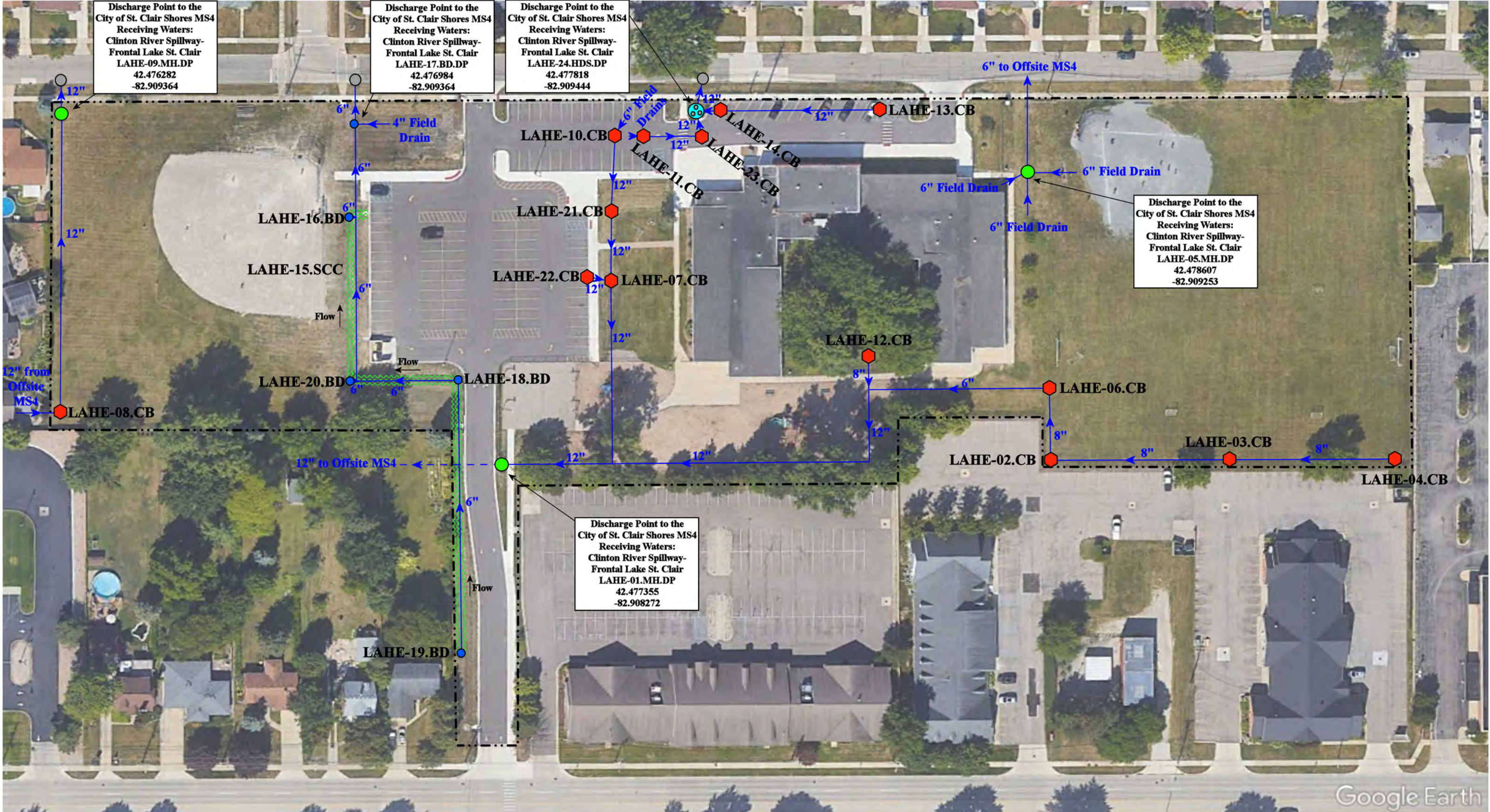


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 12/15/2022   |
| Drawn by:      | WM           |
| Reviewed:      | EL           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |





Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LAHE-09.MH.DP  
 42.476282  
 -82.909364

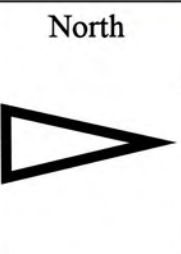
Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LAHE-17.BD.DP  
 42.476984  
 -82.909364

Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LAHE-24.HDS.DP  
 42.477818  
 -82.909444

Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LAHE-05.MH.DP  
 42.478607  
 -82.909253

Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LAHE-01.MH.DP  
 42.477355  
 -82.908272

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



24800 Harmon Street, St. Clair Shores, Michigan 48080

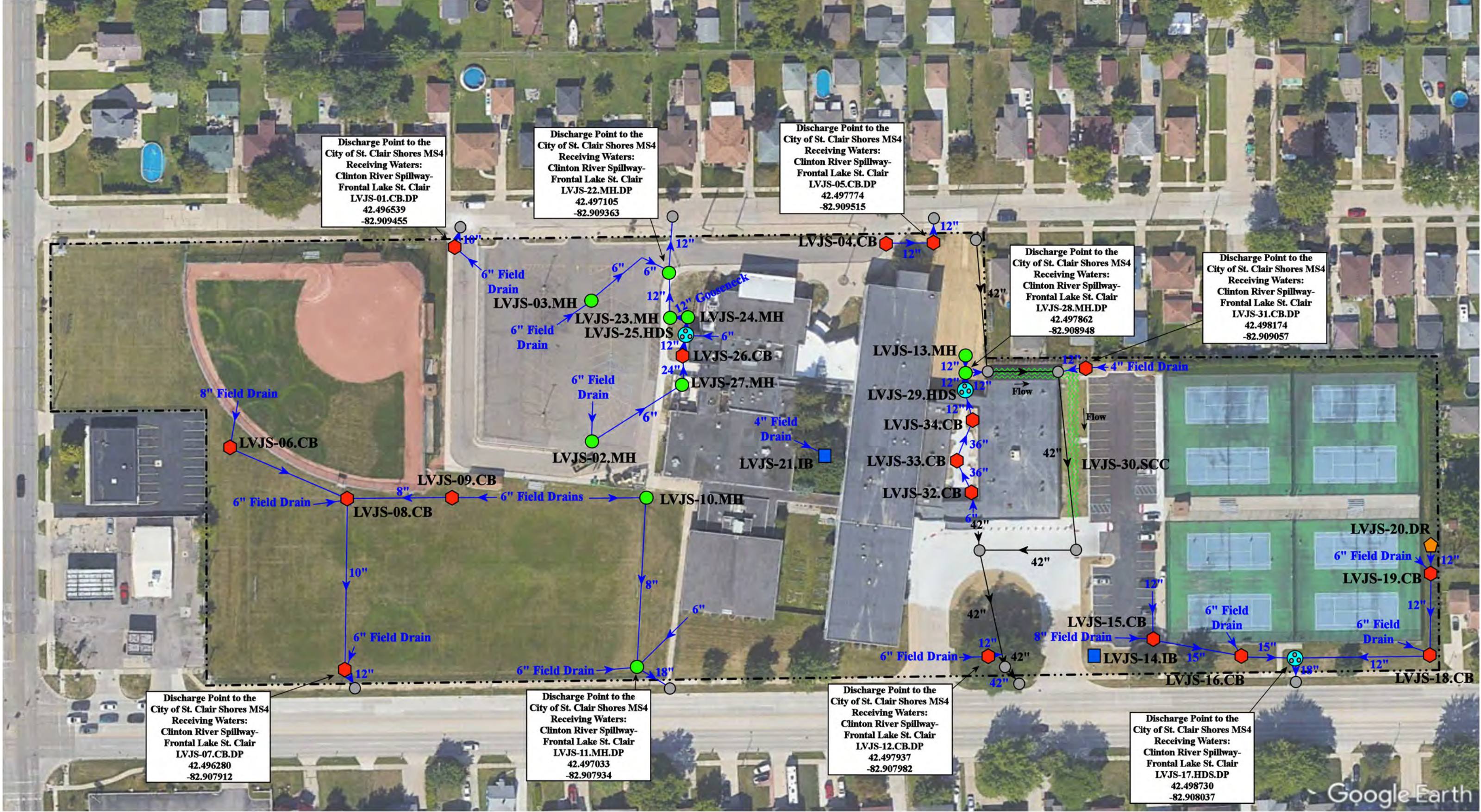
## Harmon Elementary School

Lakeview Public Schools

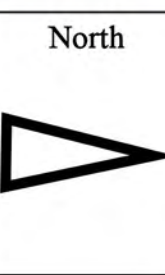
37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 06/05/2023   |
| Drawn by:       | KD           |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

Google Earth

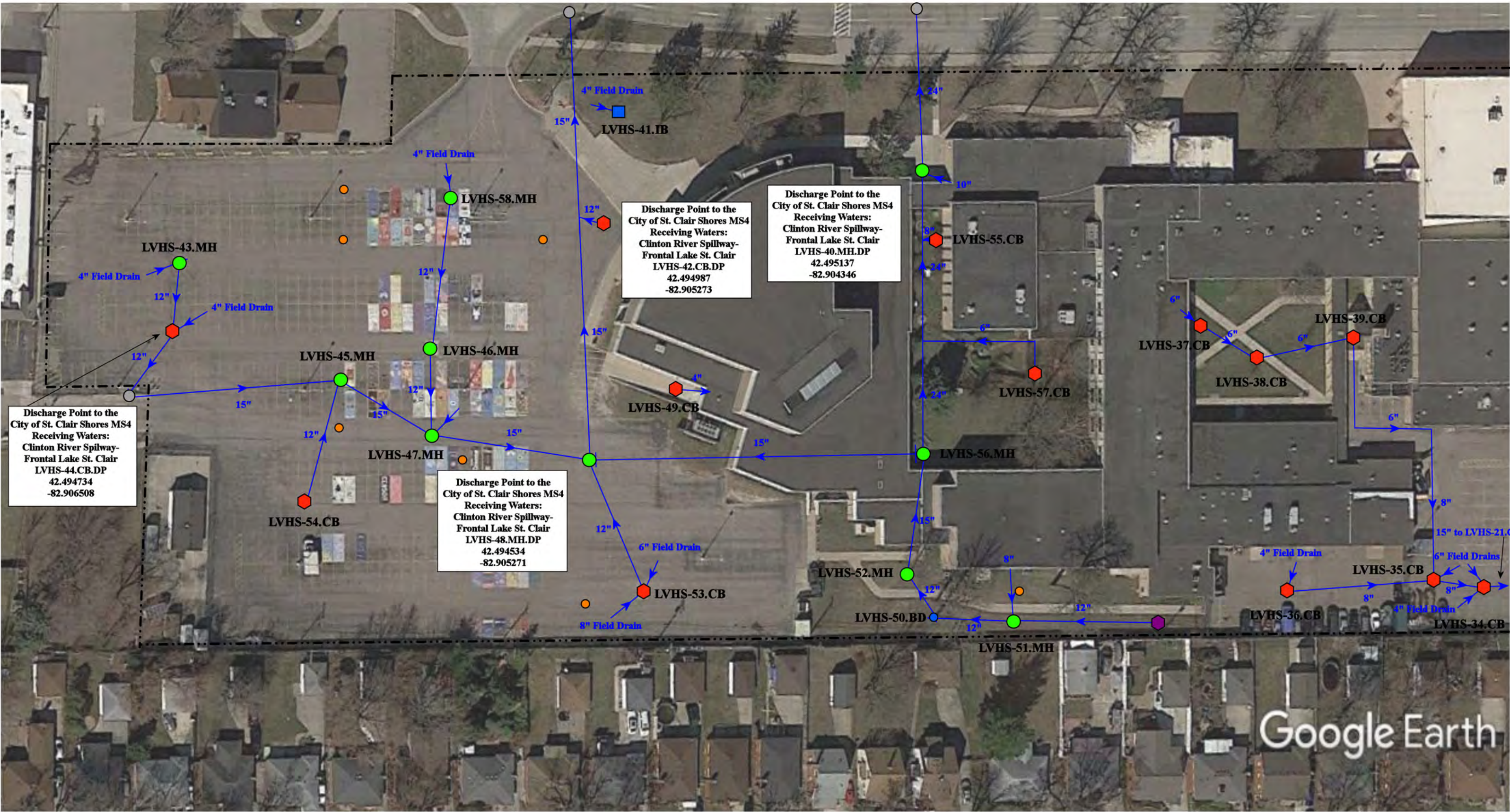


- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- 〰 = Swale/Stormwater
- ▭ = Conveyance Channel
- ▭ = Underground Detention System



27900 Rockwood Street, St. Clair Shores, Michigan 48081

|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| <b>Jefferson Middle School</b>                                                                                      |  | Revision Date: | 07/14/2023   |
| Lakeview Public Schools                                                                                             |  | Drawn by:      | KD           |
|                                                                                                                     |  | Reviewed:      | EG           |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:        | 1 of 1       |
|                                                                                                                     |  | Scale:         | Not to Scale |



- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ⬡ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



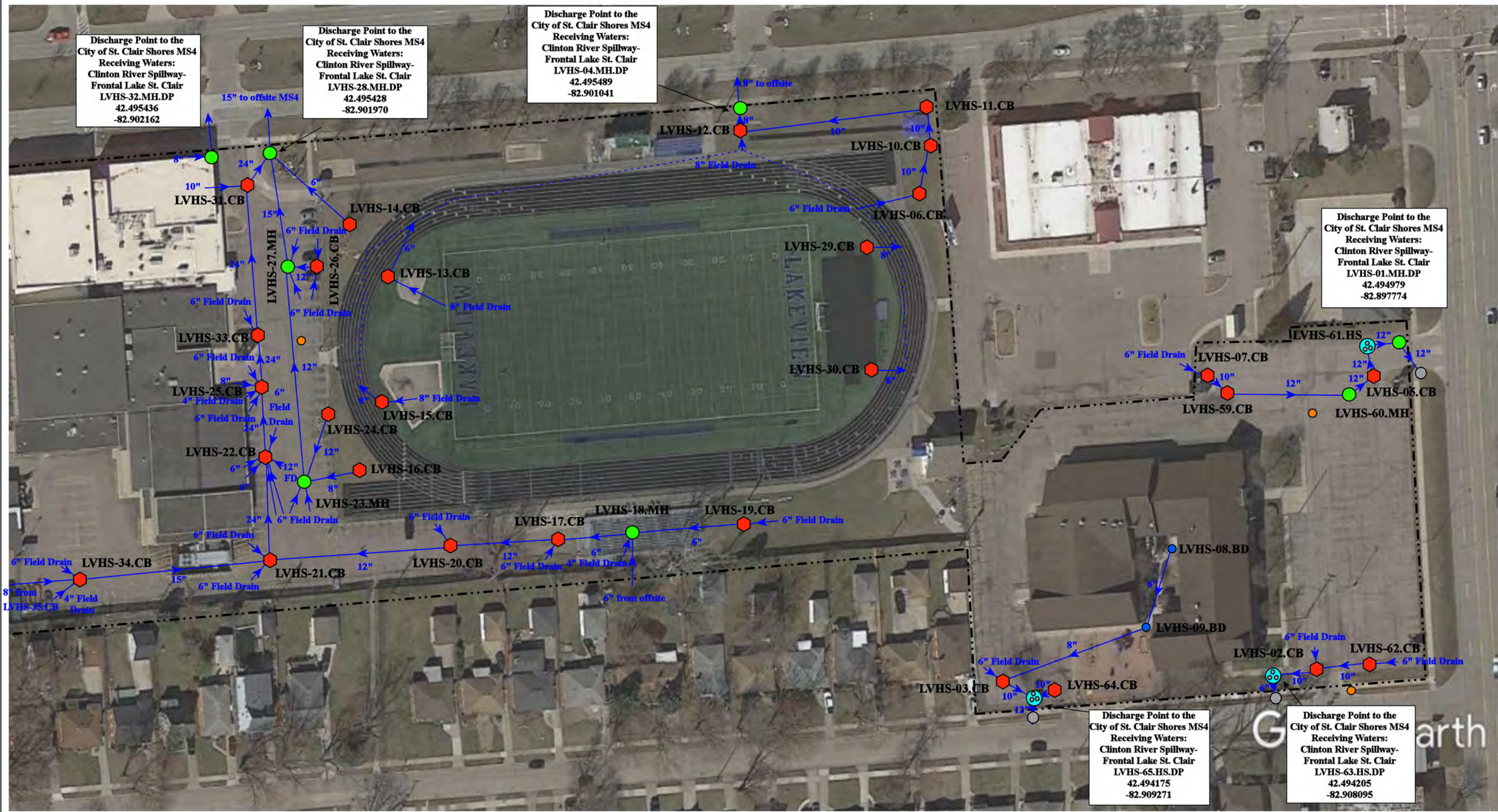
21100 East 11 Mile Rd./27575 Harper Ave., St Clair Shores, MI 48081

Lakeview High School/Administration & Wheat Early Childhood Development Center Complex

Lakeview Public Schools

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 06/28/2022   |
| Drawn by:      | JLP          |
| Reviewed:      | BJK          |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |

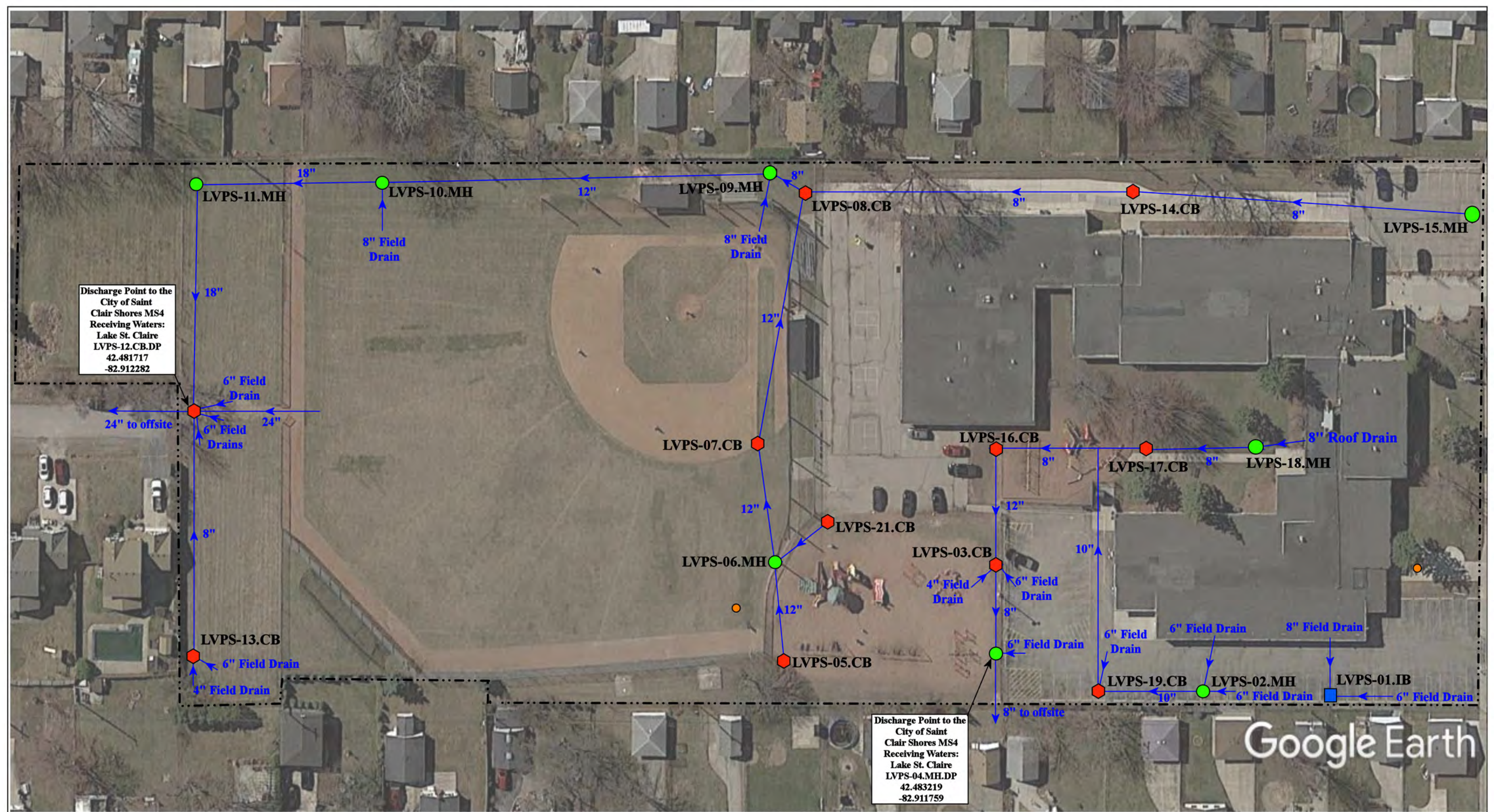
21100 East 11 Mile Rd./27575 Harper Ave., St Clair Shores, MI 48081

Lakeview High School/Administration & Wheat Early Childhood Development Center Complex

Lakeview Public Schools

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 06/28/2022   |
| Drawn by:      | JLP          |
| Reviewed:      | BJK          |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |

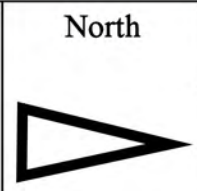


Discharge Point to the City of Saint Clair Shores MS4  
 Receiving Waters:  
 Lake St. Claire  
 LVPS-12.CB.DP  
 42.481717  
 -82.912282

Discharge Point to the City of Saint Clair Shores MS4  
 Receiving Waters:  
 Lake St. Claire  
 LVPS-04.MH.DP  
 42.483219  
 -82.911759

Google Earth

- ⬡ = Catch Basin
- = Manhole
- = Infiltration Basin
- = Sanitary
- = Property Lines



20300 Statler Street, Saint Clair Shores, MI 48081

**Princeton Elementary School**

Lakeview Public Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 8/03/21      |
| Drawn by:       | CCD          |
| Reviewed:       | BK           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

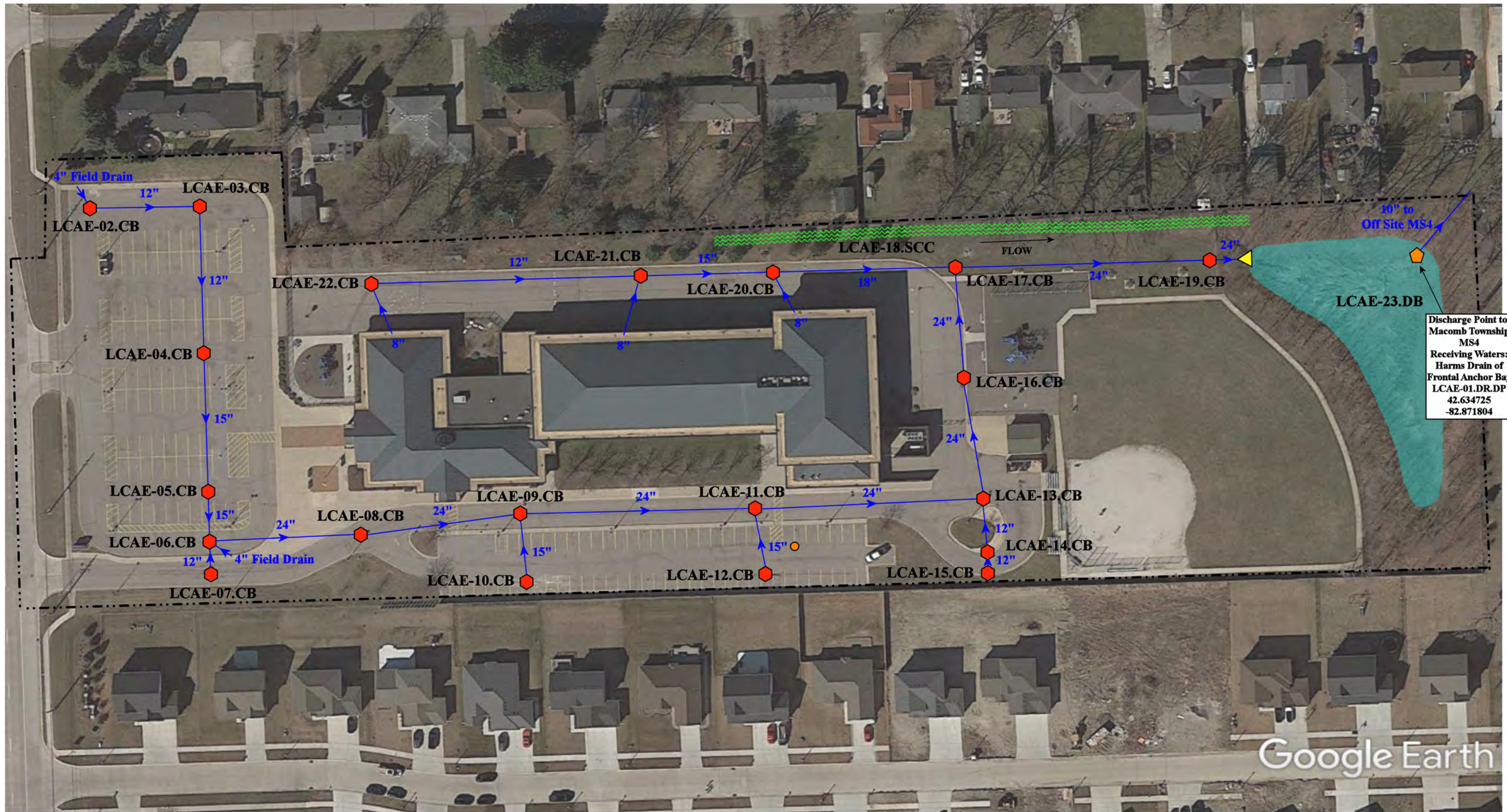


## Receiving Waters Table

| L'Anse Creuse Public Schools                                                                                                                                  |                              |                                         |                       |                                                    |                                                     |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------|-----------------------|----------------------------------------------------|-----------------------------------------------------|----------------------|
| FACILITY                                                                                                                                                      | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |                       | POINT OF DISCHARGE /<br>OUTFALL                    | RECEIVING WATERS                                    | WATERSHED            |
| Atwood Elementary School                                                                                                                                      | LCAE-01.DR.DP                | 42.634725                               | -82.871804            | Macomb Township MS4                                | Harms Drain of Frontal<br>Anchor Bay                | Anchor Bay Watershed |
| Emma V. Lobbstael<br>Elementary School                                                                                                                        | LCLE-01.MH.DP                | 42.577205                               | -82.815995            | Harrison Township MS4                              | L'Anse Creuse Bay / Lake<br>St. Clair               | Lake St. Clair       |
| Green Elementary School                                                                                                                                       | LCGE-01.CB.DP                | 42.646852                               | -82.821230            | City of New Baltimore MS4                          | River Voss / Anchor Bay                             | Anchor Bay Watershed |
|                                                                                                                                                               | LCGE-02.CB.DP                | 42.647551                               | -82.819794            | City of New Baltimore MS4                          | River Voss / Anchor Bay                             | Anchor Bay Watershed |
|                                                                                                                                                               | LCGE-03.CB.DP                | 42.647696                               | -82.819784            | City of New Baltimore MS4                          | River Voss / Anchor Bay                             | Anchor Bay Watershed |
| Joseph M. Carkenord<br>Elementary School                                                                                                                      | LCCE-02.CB.OF                | 42.686642                               | -82.836485            | Surface Waters of the State                        | Sutherland-Oemig Drain /<br>River Voss / Anchor Bay | Anchor Bay Watershed |
| L'Anse Creuse High School<br>Central, L'Anse Creuse Child<br>Care Center (Graham<br>Elementary School), and<br>L'Anse Creuse Middle School<br>Central Complex | LCHC-05.MH.DP                | 42.582260                               | -82.853508            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-07.CB.DP                | 42.582106                               | -82.853172            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-16.CB.DP                | 42.583500                               | -82.854605            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-42.CB.DP                | 42.580625                               | -82.852145            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-48.CB.DP                | 42.576669                               | -82.855043            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-52.MH.DP                | 42.577252                               | -82.854999            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-63.CB.DP                | 42.576095                               | -82.855137            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-73.CB.DP                | 42.575623                               | -82.855112            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-76.CB.DP                | 42.575312                               | -82.854902            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-79.CB.DP                | 42.575125                               | -82.854688            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-80.CB.DP                | 42.574850                               | -82.854397            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-81.CB.DP                | 42.576767                               | -82.853954            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
|                                                                                                                                                               | LCHC-83.MH.DP                | 42.575301                               | -82.852911            | Harrison Township MS4                              | Clinton River Spillway -<br>Frontal Lake St. Clair  | Lake St. Clair       |
| LCHC-86.CB.DP                                                                                                                                                 | 42.575500                    | -82.852422                              | Harrison Township MS4 | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair                                      |                      |
| L'Anse Creuse High School<br>North and L'Anse Creuse<br>Middle School North Complex                                                                           | LCHN-56.MH.DP                | 42.638851                               | -82.864705            | Macomb Township MS4                                | Harms Drain of Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                               | LCHN-75.DR.DP                | 42.636205                               | -82.866223            | Macomb Township MS4                                | Harms Drain of Frontal<br>Anchor Bay                | Anchor Bay Watershed |
| L'Anse Creuse Middle School<br>East, Francis A. Higgins<br>Elementary School, and Anna<br>Mae Burdi Center Complex                                            | LCME-01.MH.DP                | 42.689911                               | -82.808151            | Chesterfield Township MS4                          | Salt River                                          | Anchor Bay Watershed |
|                                                                                                                                                               | LCME-02.CB.OF                | 42.695488                               | -82.804596            | Surface Waters of the State                        | Salt River                                          | Anchor Bay Watershed |
|                                                                                                                                                               | LCME-03.MH.OF                | 42.693355                               | -82.804584            | Surface Waters of the State                        | Salt River                                          | Anchor Bay Watershed |
|                                                                                                                                                               | LCME-128.SCC.OF              | 42.693383                               | -82.803351            | Surface Waters of the State                        | Salt River                                          | Anchor Bay Watershed |
| L'Anse Creuse Middle School<br>South and Donald J. Yacks<br>Elementary School Complex                                                                         | LCMS-01.MH.DP                | 42.546745                               | -82.856294            | Harrison Township MS4                              | Frontal Lake St. Clair                              | Lake St. Clair       |

## Receiving Waters Table

| L'Anse Creuse Public Schools                                                                                                                                                                  |                              |                                         |            |                                 |                                                    |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|----------------------------------------------------|----------------------|
| FACILITY                                                                                                                                                                                      | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                                   | WATERSHED            |
| <b>South River Elementary School</b>                                                                                                                                                          | LCSR-01.MH.DP                | 42.590324                               | -82.831789 | Harrison Township MS4           | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCSR-02.CB.DP                | 42.591377                               | -82.832766 | Harrison Township MS4           | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCSR-03.MH.DP                | 42.592104                               | -82.831865 | Harrison Township MS4           | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCSR-14.MH.DP                | 42.590389                               | -82.832885 | Harrison Township MS4           | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
| <b>Tenniswood Elementary<br/>School</b>                                                                                                                                                       | LCTE-01.CB.DP                | 42.559225                               | -82.877424 | Clinton Township MS4            | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCTE-03.SCC.DP               | 42.559028                               | -82.874820 | Clinton Township MS4            | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCTE-07.CB.DP                | 42.558818                               | -82.877423 | Clinton Township MS4            | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCTE-08.CB.DP                | 42.558846                               | -82.876522 | Clinton Township MS4            | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
|                                                                                                                                                                                               | LCTE-19.MH.DP                | 42.558816                               | -82.877645 | Clinton Township MS4            | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair       |
| <b>Wheeler Community Center-<br/>Administration Office,<br/>Transportation &amp; Maintenance<br/>Center, Frederick Pankow<br/>Center, Pellerin Center &amp;<br/>Riverside Academy Complex</b> | LCAO-01.MH.OF                | 42.621287                               | -82.857496 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-02.CB.OF                | 42.621210                               | -82.858509 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-03.CB.OF                | 42.621204                               | -82.859492 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-04.MH.DP                | 42.621489                               | -82.863299 | Clinton Township MS4            | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-49.CB.OF                | 42.621454                               | -82.862982 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-51.CB.OF                | 42.621322                               | -82.862981 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-67.CB.OF                | 42.621416                               | -82.861800 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-68.MH.OF                | 42.621382                               | -82.860590 | Surface Waters of the State     | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |
|                                                                                                                                                                                               | LCAO-71.CB.DP                | 42.621608                               | -82.863352 | Clinton Township MS4            | Harms Drain - Frontal<br>Anchor Bay                | Anchor Bay Watershed |



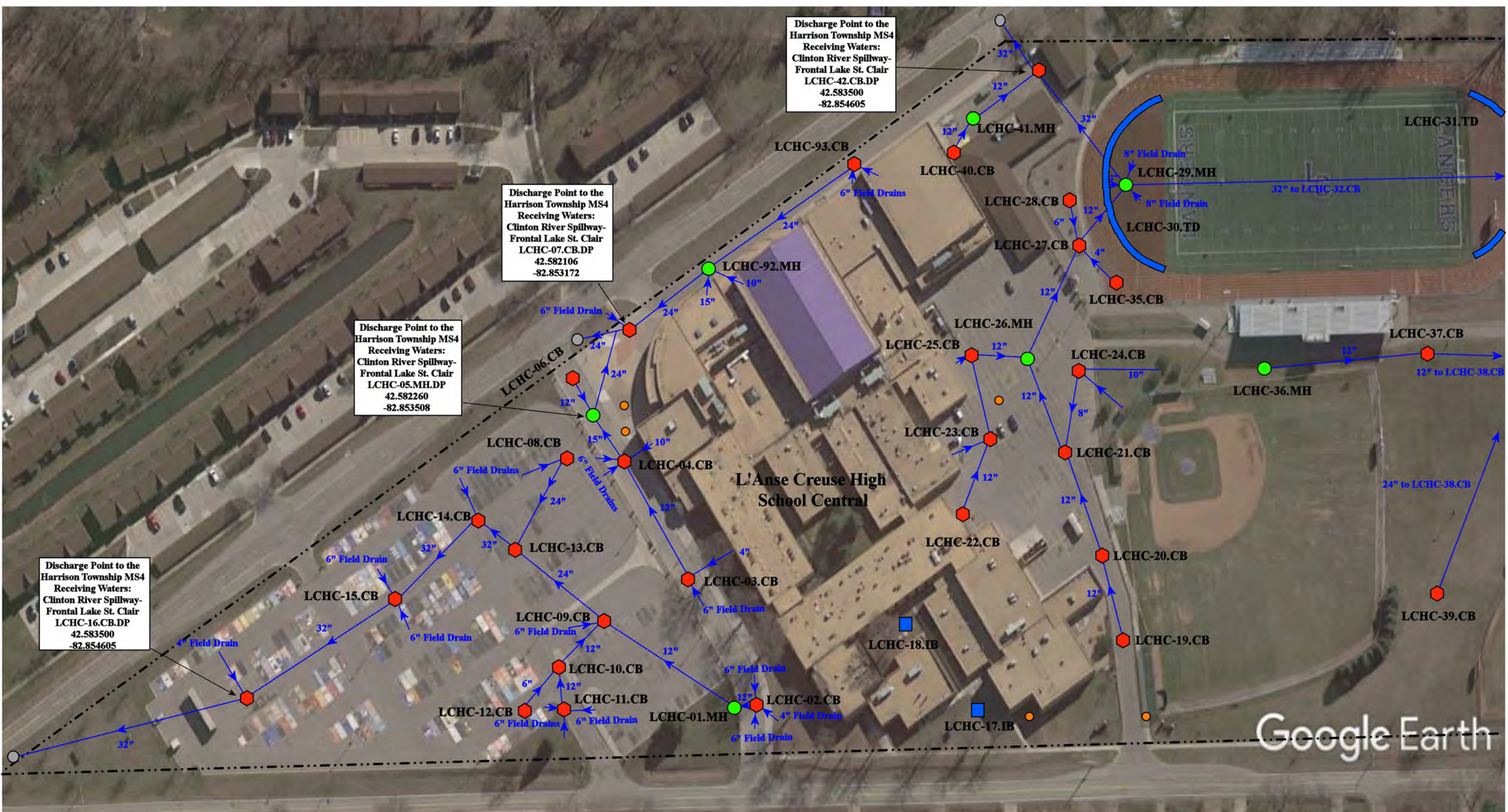
Discharge Point to  
Macomb Township  
MS4  
Receiving Waters:  
Harms Drain of  
Frontal Anchor Bay  
LCAE-01.DR.DP  
42.634725  
-82.871804

Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 45690 North Ave, Macomb, MI 48042                                                                                   |  | Revision Date : | 11/07/2022   |
| <b>Atwood Elementary School</b>                                                                                     |  | Drawn by:       | VTV          |
| L'Anse Creuse Public Schools                                                                                        |  | Reviewed:       | CD           |
|                                                                                                                     |  | Page #:         | 1 of 1       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:          | Not to Scale |



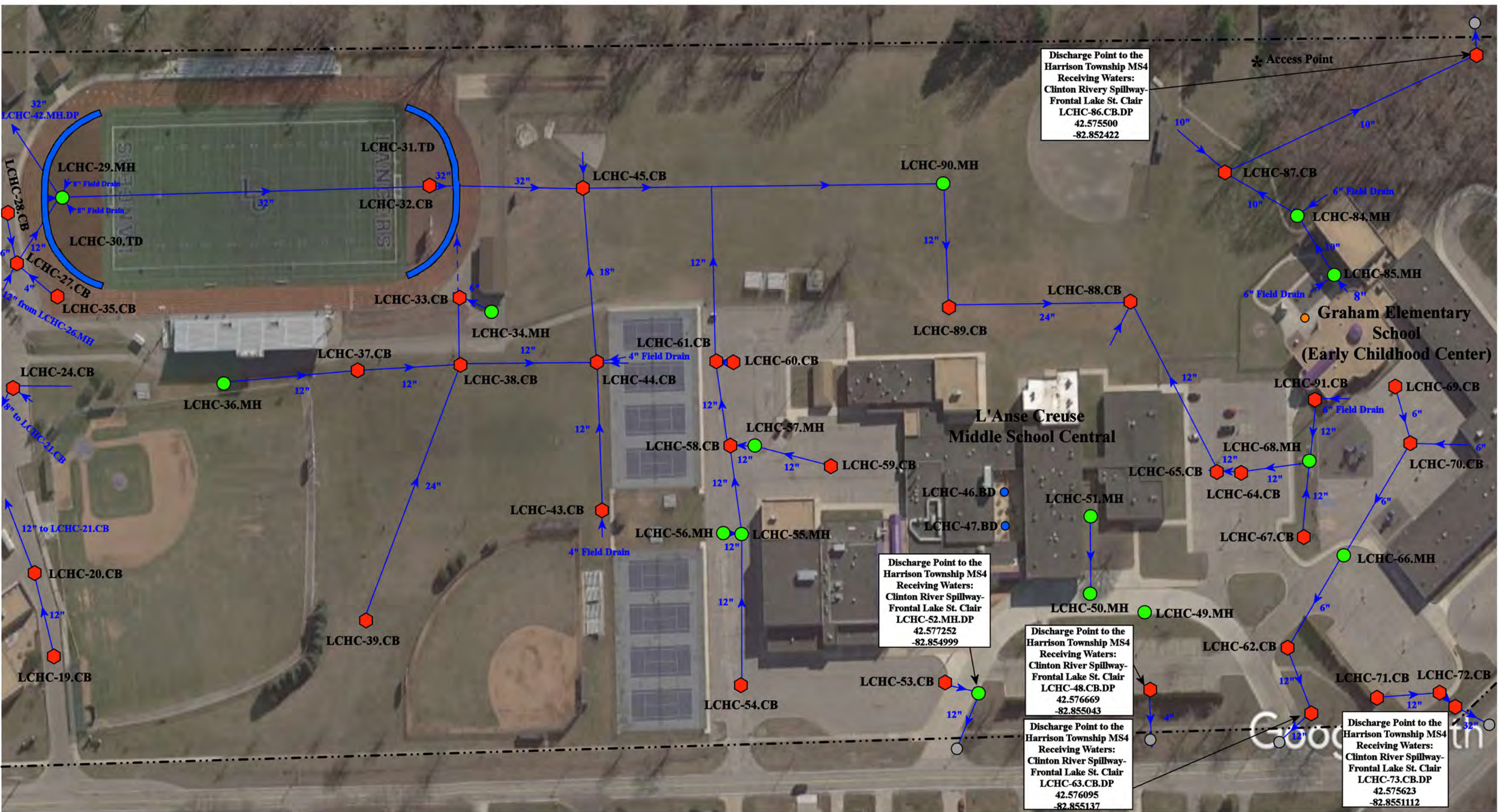
- ⬢ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ⊗ = Pond/Basin
- ⊗ = Swale/Stormwater Conveyance Channel
- ⊗ = Underground Detention System
- - - = Property Lines



38495 L'Anse Creuse Rd., 38000 Reimold Rd., 25555 Crocker Blvd., Harrison Township, MI 48045

|                                                                                                                                                  |                 |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| L'Anse Creuse High School Central-L'Anse Creuse Middle School Central-Graham Elementary School (ECC) Complex<br><br>L'Anse Creuse Public Schools | Revision Date : | 08/23/2022   |
|                                                                                                                                                  | Drawn by:       | JLP          |
|                                                                                                                                                  | Reviewed:       | CD           |
|                                                                                                                                                  | Page #:         | 1 of 3       |
|                                                                                                                                                  | Scale:          | Not to Scale |

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



Discharge Point to the Harrison Township MS4  
 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 LCHC-86.CB.DP  
 42.575500  
 -82.852422

Discharge Point to the Harrison Township MS4  
 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 LCHC-52.MH.DP  
 42.577252  
 -82.854999

Discharge Point to the Harrison Township MS4  
 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 LCHC-48.CB.DP  
 42.576669  
 -82.855043

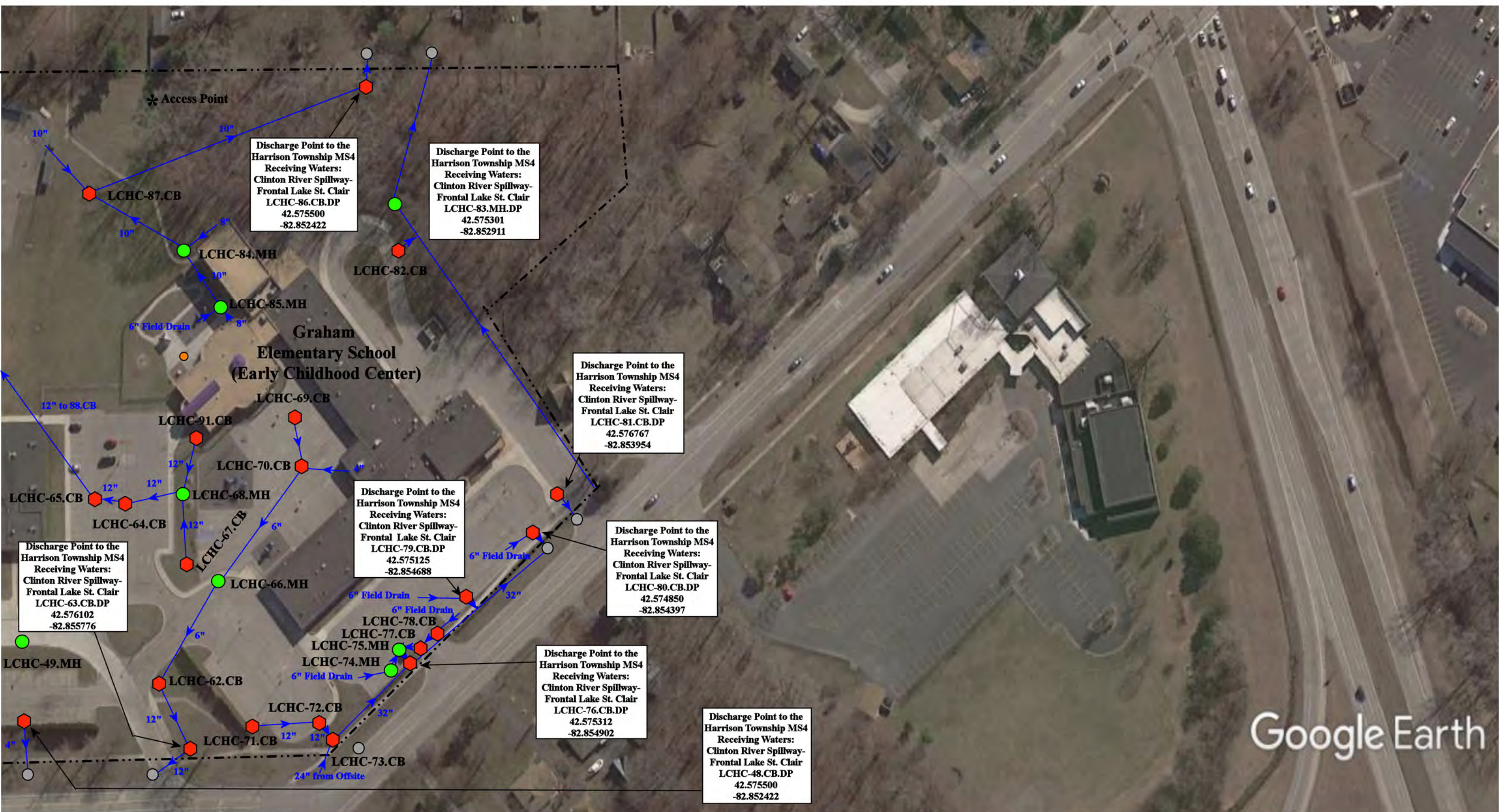
Discharge Point to the Harrison Township MS4  
 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 LCHC-63.CB.DP  
 42.576095  
 -82.855137

Discharge Point to the Harrison Township MS4  
 Receiving Waters:  
 Clinton River Spillway-Frontal Lake St. Clair  
 LCHC-73.CB.DP  
 42.575623  
 -82.855112

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | <b>Conveyance Channel</b>      |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

38495 L'Anse Creuse Rd., 38000 Reimold Rd., 25555 Crocker Blvd., Harrison Township, MI 48045

|           |                                                                                                                                              |                                                                                                   |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <br>North | L'Anse Creuse High School Central-L'Anse Creuse Middle School Central-Graham Elementary School (ECC) Complex<br>L'Anse Creuse Public Schools | Revision Date: 08/23/2022<br>Drawn by: JLP<br>Reviewed: CD                                        |
|           | <br>environmental group                                                                                                                      | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
|           |                                                                                                                                              | Page #: 2 of 3<br>Scale: Not to Scale                                                             |



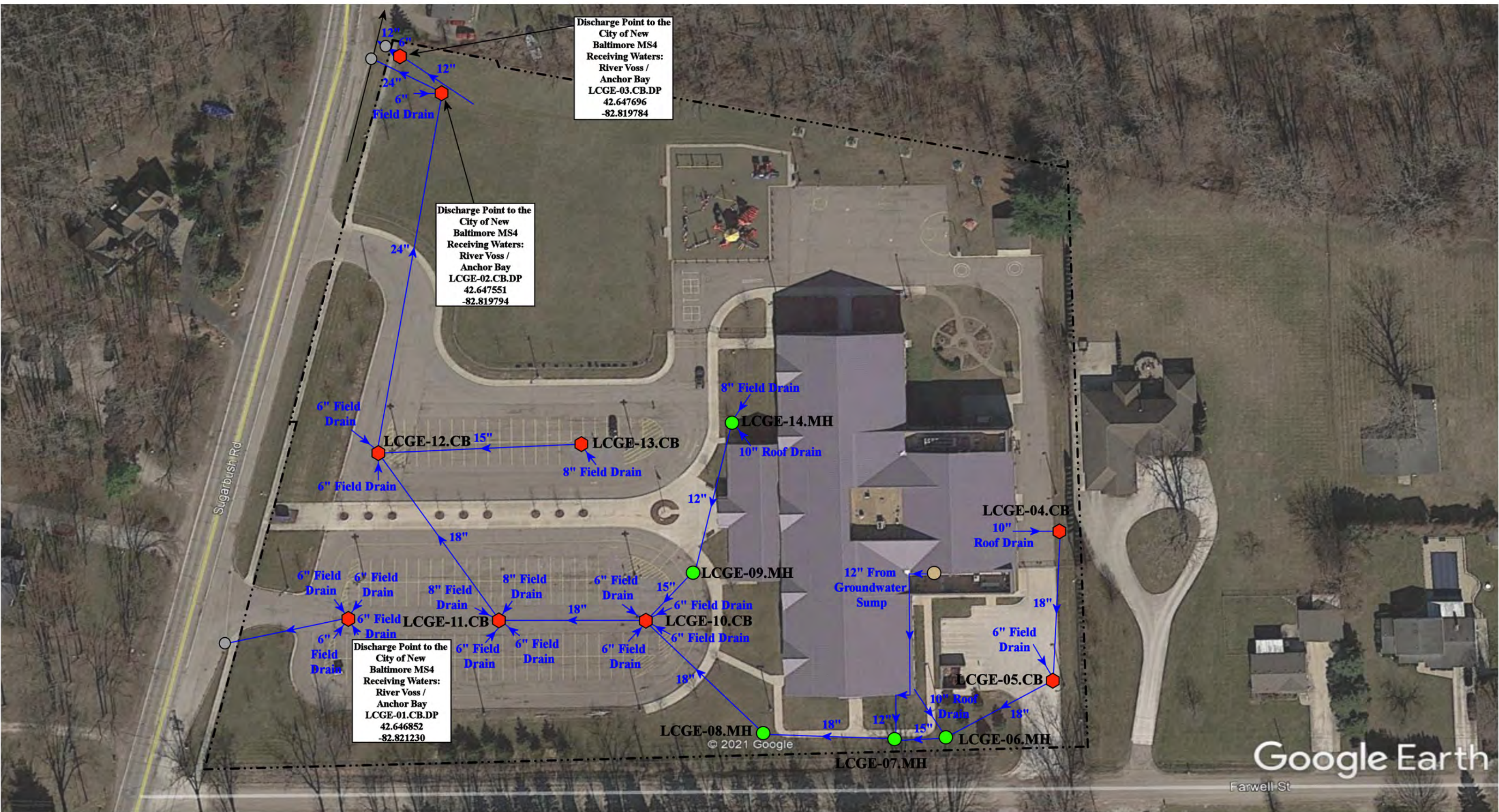
Google Earth

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ▣ = Infiltration Basin
- ▴ = Open Pipe Outlet
- ▣ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ⋯ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



38495 L'Anse Creuse Rd., 38000 Reimold Rd., 25555 Crocker Blvd., Harrison Township, MI 48045

|                |                                                                                                                     |           |              |           |    |
|----------------|---------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------|----|
|                | L'Anse Creuse High School Central-L'Anse Creuse Middle School Central-Graham Elementary School (ECC) Complex        |           |              |           |    |
|                | L'Anse Creuse Public Schools                                                                                        |           |              |           |    |
|                | <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |           |              |           |    |
|                |                                                                                                                     |           |              |           |    |
| Revision Date: | 08/23/2022                                                                                                          | Drawn by: | JLP          | Reviewed: | CD |
| Page #:        | 3 of 3                                                                                                              | Scale:    | Not to Scale |           |    |



Discharge Point to the City of New Baltimore MS4  
 Receiving Waters:  
 River Voss / Anchor Bay  
 LCGE-03.CB.DP  
 42.647696  
 -82.819784

Discharge Point to the City of New Baltimore MS4  
 Receiving Waters:  
 River Voss / Anchor Bay  
 LCGE-02.CB.DP  
 42.647551  
 -82.819794

Discharge Point to the City of New Baltimore MS4  
 Receiving Waters:  
 River Voss / Anchor Bay  
 LCGE-01.CB.DP  
 42.646852  
 -82.821230

- ◆ = Catch Basin
- = Manhole
- = City of New Baltimore MS4
- = Groundwater Sump Pump
- ..... = Property Lines

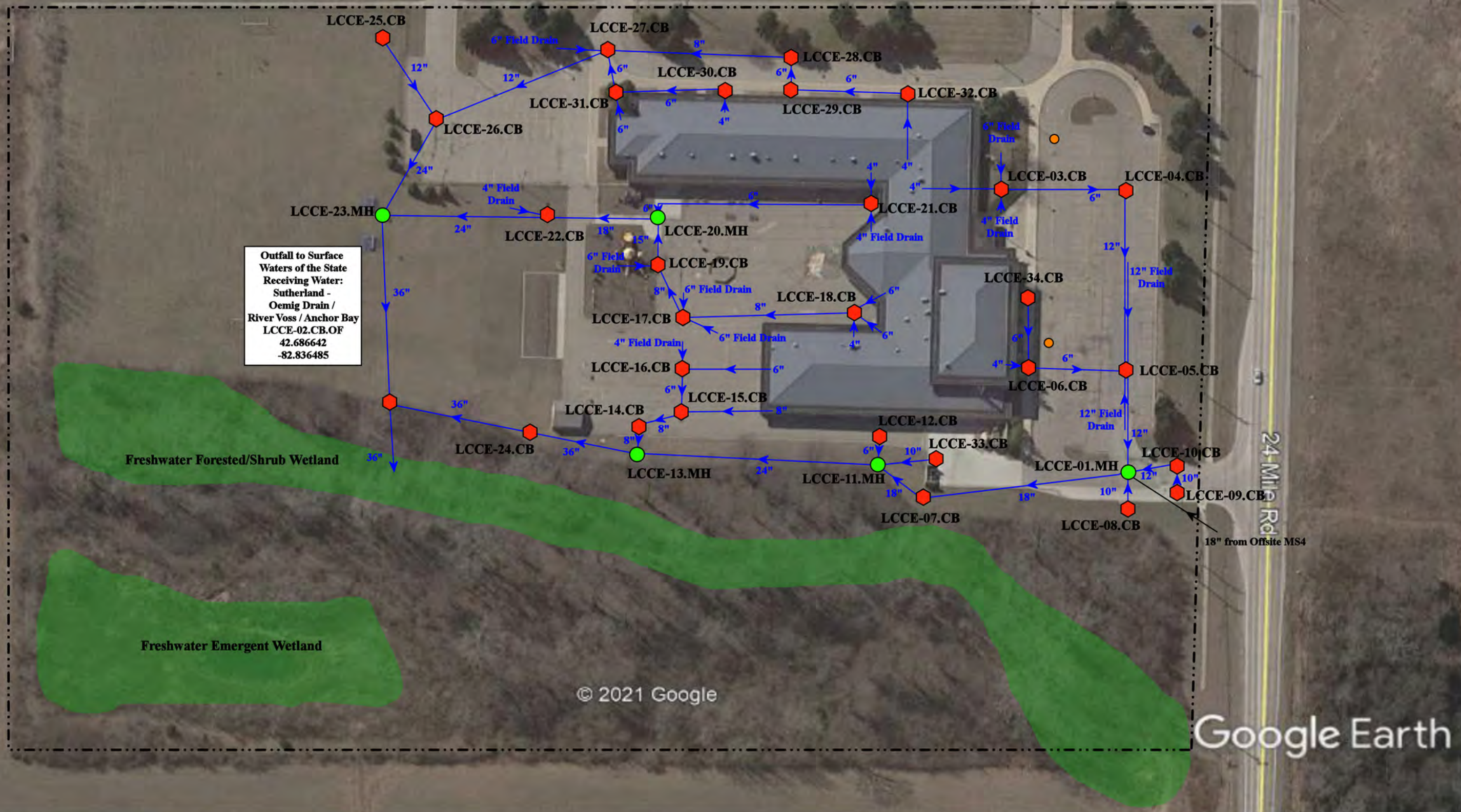


|                                             |              |
|---------------------------------------------|--------------|
| 47260 Sugarbush Rd, New Baltimore, MI 48047 |              |
| <b>Green Elementary School</b>              |              |
| L'Anse Creuse Public Schools                |              |
| Date:                                       | 01/06/2022   |
| Drawn by:                                   | MRW          |
| Reviewed:                                   | LK           |
| Page #:                                     | 1 of 1       |
| Scale:                                      | Not to Scale |



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Chesterfield Rd



Outfall to Surface Waters of the State  
 Receiving Water:  
 Sutherland - Oemig Drain /  
 River Voss / Anchor Bay  
 LCCE-02.CB.OF  
 42.686642  
 -82.836485

Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

© 2021 Google

Google Earth

27100 24 Mile Rd, New Baltimore, MI 48051

Joseph M. Carkenord Elementary School

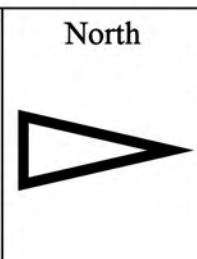
L'Anse Creuse Public Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 06/14/2023   |
| Drawn by:       | MRW          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |







Discharge Point to  
Harrison Township MS4  
Receiving Waters:  
Frontal Lake St. Clair  
LCMS-01.MH.DP  
42.546745  
-82.856294

Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                           |                                                                                                             |              |                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------|--|
| <p> <span style="color: red;">●</span> = Catch Basin     <span style="color: blue;">■</span> = Infiltration Basin     <span style="color: purple;">■</span> = Buried Structure     <span style="color: cyan;">■</span> = Pond/Basin<br/> <span style="color: green;">●</span> = Manhole     <span style="color: yellow;">▲</span> = Open Pipe Outlet     <span style="color: teal;">■</span> = Stabilized Outlet     <span style="color: cyan;">■</span> = Swale/Stormwater Conveyance Channel<br/> <span style="color: blue;">●</span> = Basin Drain     <span style="color: orange;">■</span> = Drainage Receptor     <span style="color: magenta;">■</span> = Flow Splitter     <span style="color: cyan;">■</span> = Lift Station<br/> <span style="color: grey;">●</span> = Offsite MS4     <span style="color: blue;">—</span> = Trench Drain     <span style="color: cyan;">●</span> = Hydrodynamic Separator<br/> <span style="color: orange;">●</span> = Sanitary     <span style="color: black;">- - -</span> = Property Lines </p> |  |                                                                                                                           |                                                                                                             | <p>North</p> | <p>34641 Jefferson Ave./34700 Union Lake Rd., Harrison, MI 48045</p> |  |
| <p>L'Anse Creuse Middle School South - Donald J. Yacks Elementary School Complex</p> <p>L'Anse Creuse Public Schools</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <p>Revision Date: 02/15/2023</p> <p>Drawn by: CJ</p> <p>Reviewed: LK</p> <p>Page #: 1 of 2</p> <p>Scale: Not to Scale</p> | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |              |                                                                      |  |



Google Earth


- ⬠ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ▣ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬠ = Buried Structure
- ⬠ = Stabilized Outlet
- ⬠ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ⋯ = Swale/Stormwater Conveyance Channel
- ⬠ = Lift Station



34641 Jefferson Ave./34700 Union Lake Rd., Harrison, MI 48045

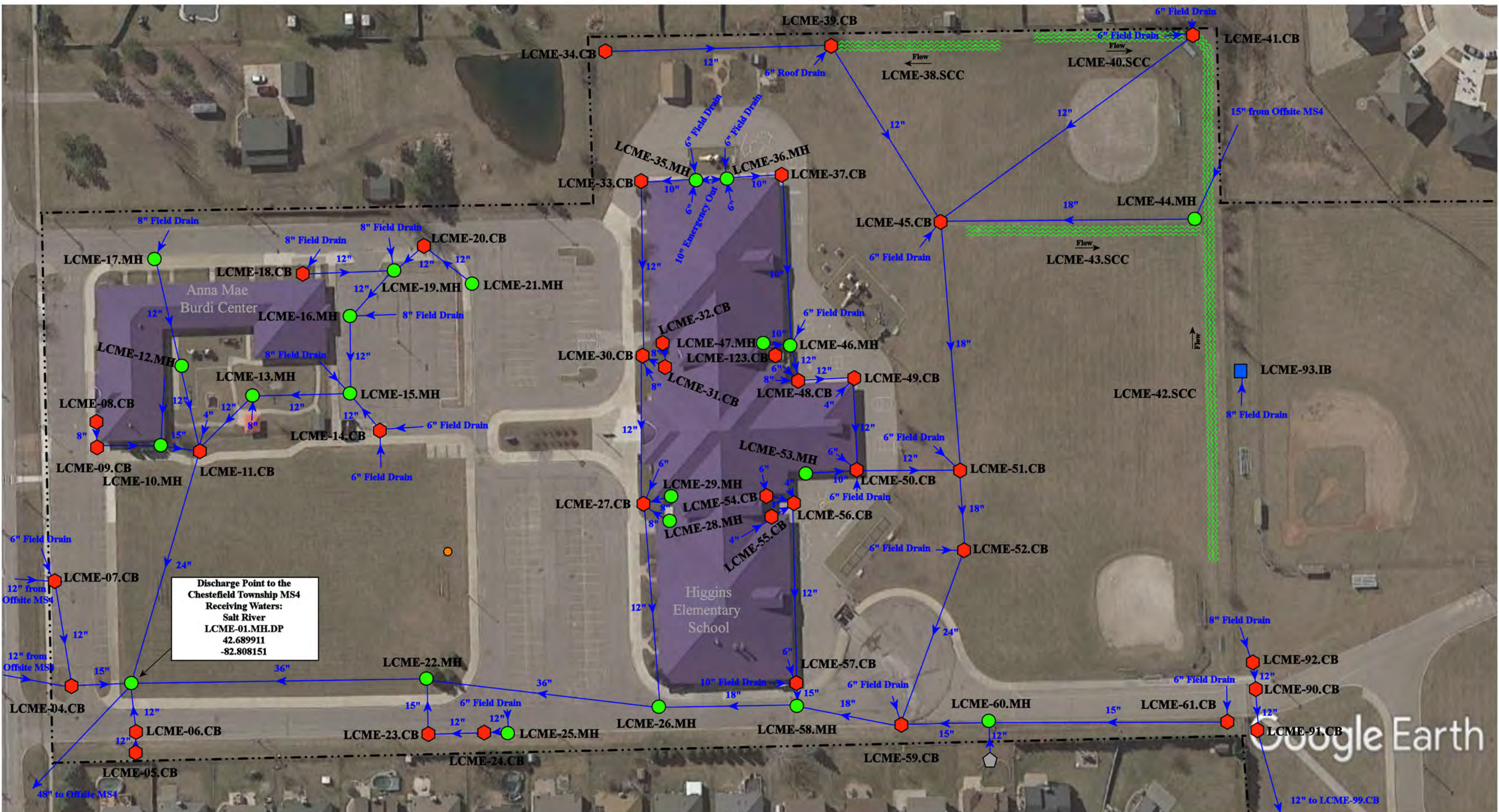
L'Anse Creuse Middle School South - Donald J. Yacks Elementary School Complex

L'Anse Creuse Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 02/15/2023   |
| Drawn by:       | CJ           |
| Reviewed:       | LK           |
| Page #:         | 2 of 2       |
| Scale:          | Not to Scale |



|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |

29851 24 Mile Road, 30300 Hickey Road, Chesterfield Township, MI 48051

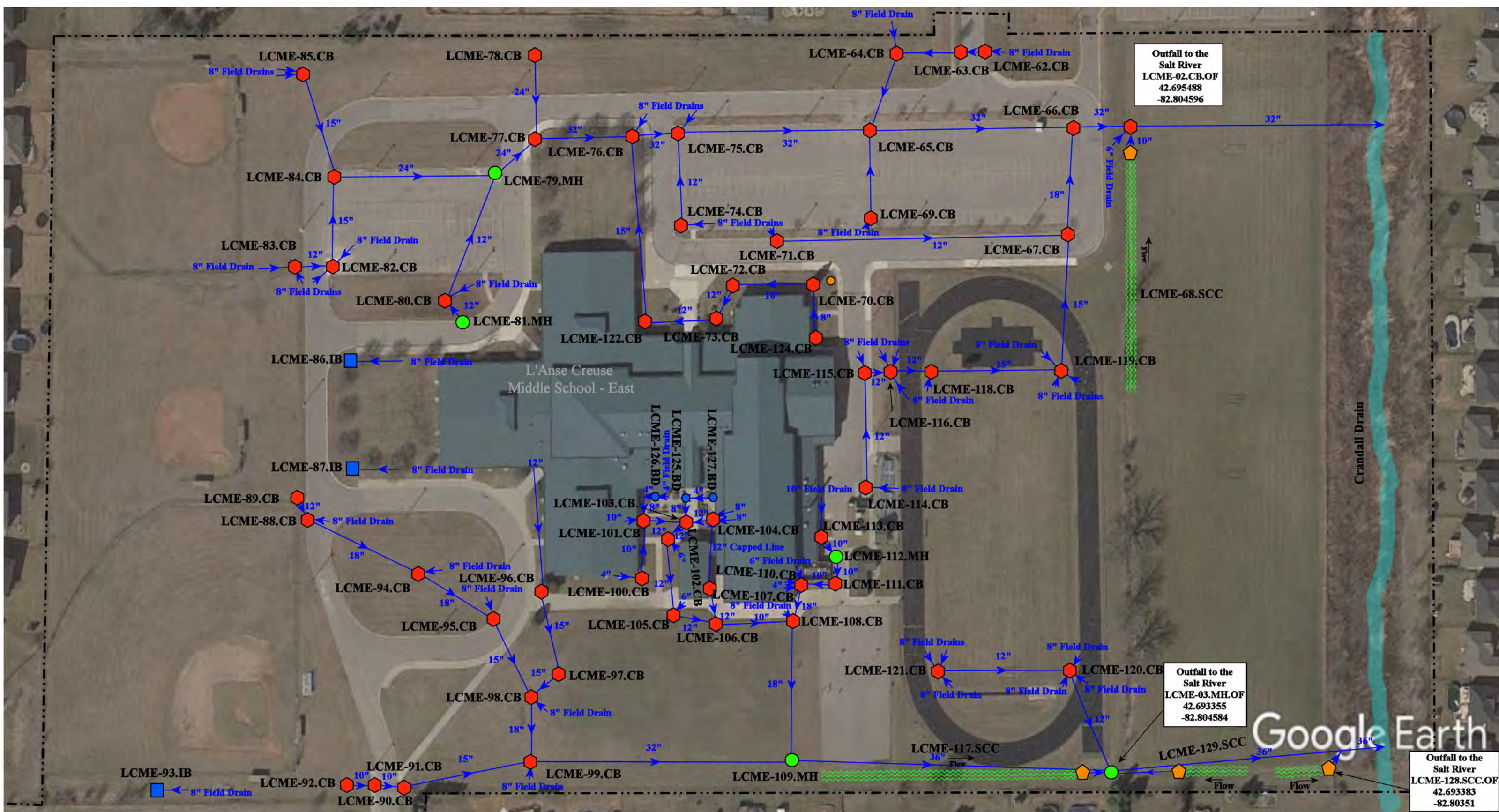
L'Anse Creuse Middle School-East, Higgins Elementary School, and Anna Mae Burdi Center Complex

L'Anse Creuse Public Schools

environmental group

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

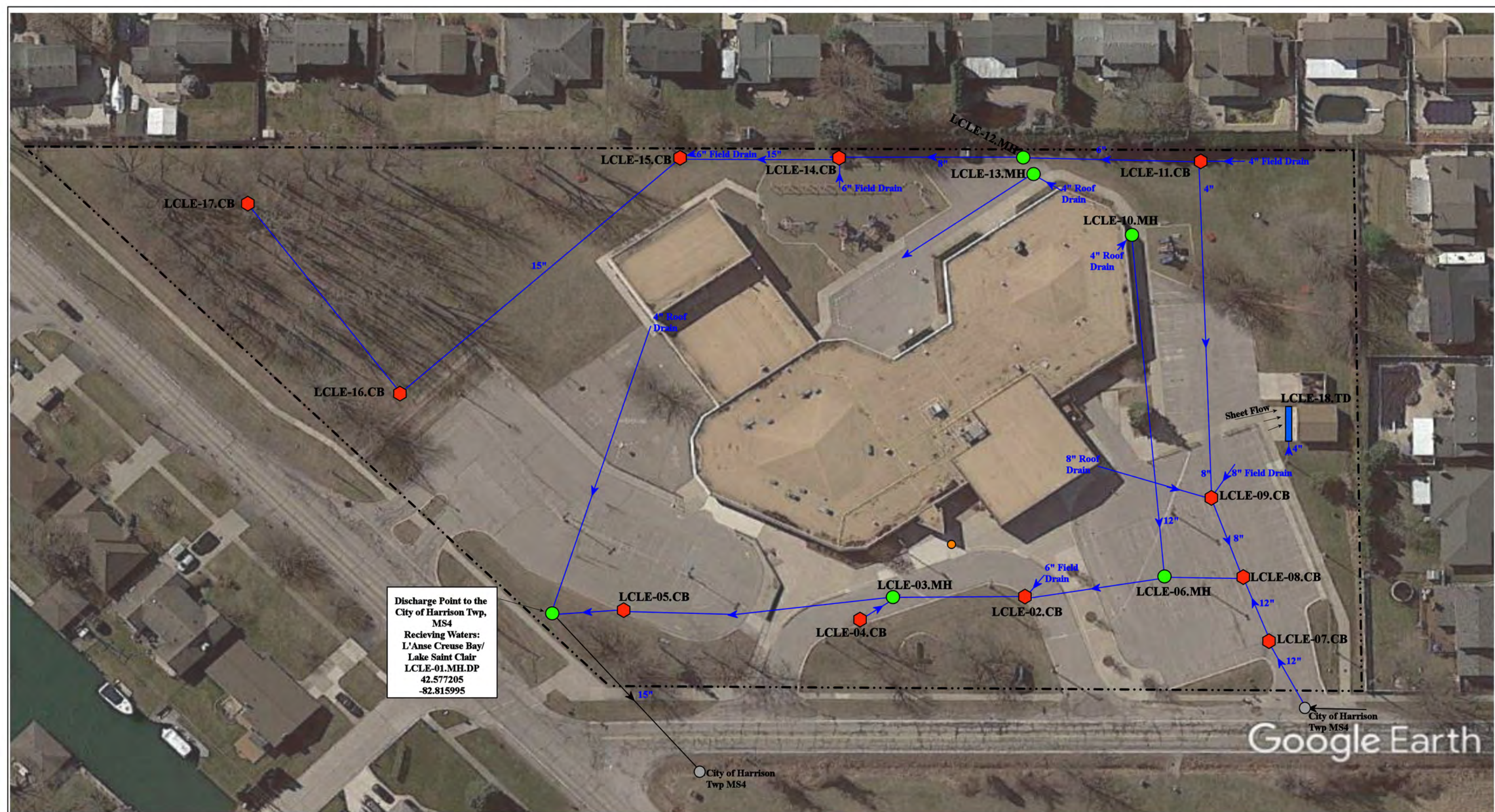
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| North | Revision Date: | 6/18/2023    |
|       | Drawn by:      | JLP          |
|       | Reviewed:      | BJK          |
|       | Page #:        | 1 of 2       |
|       | Scale:         | Not to Scale |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



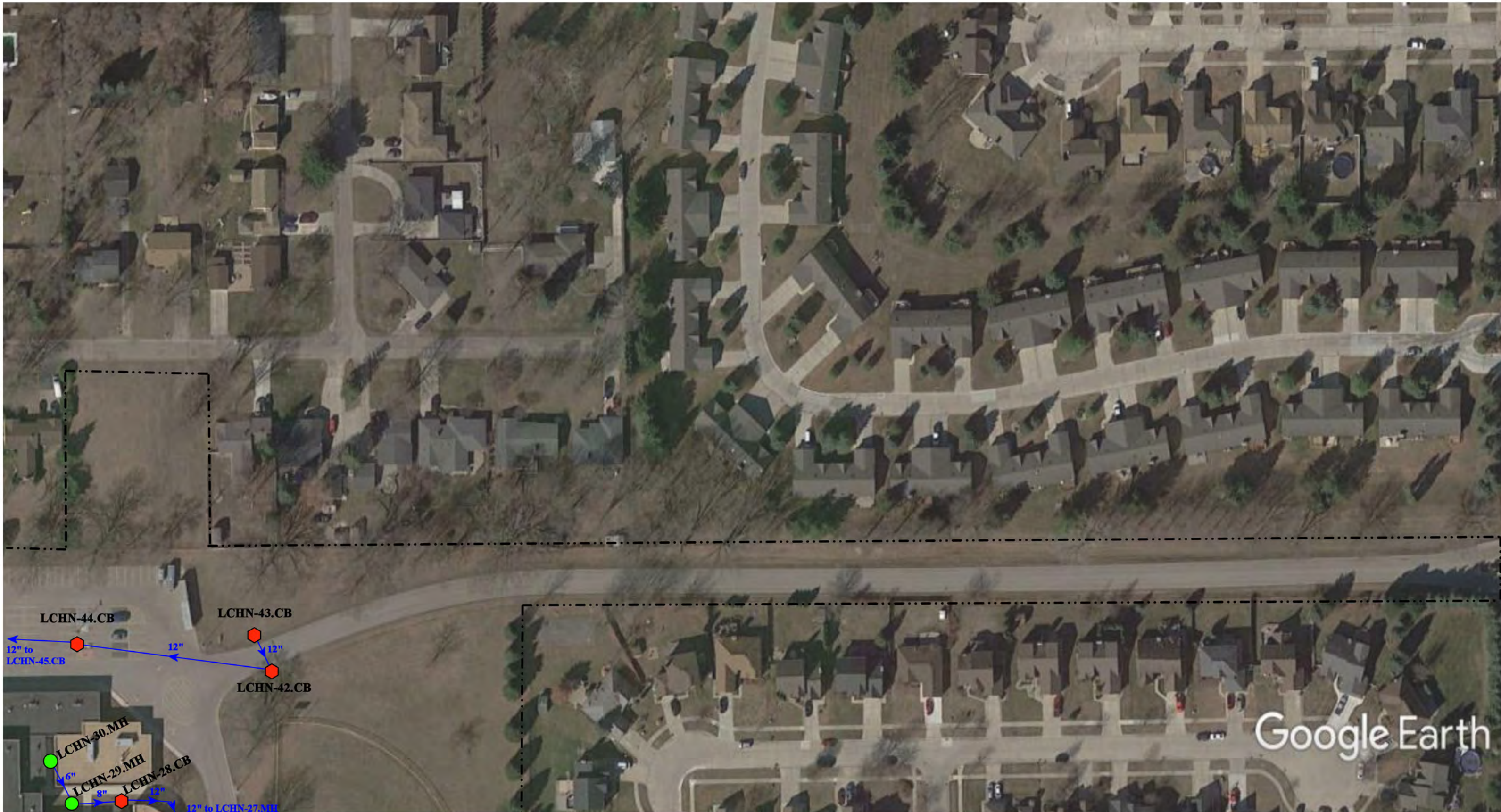
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|---------------------------------------------------------------------------------------------------|--------------------------|
| 29851 24 Mile Road, 30300 Hickey Road, Chesterfield Township, MI 48051                            |                          |
| L'Anse Creuse Middle School-East, Higgins Elementary School, and Anna Mae Burdi Center Complex    | Revision Date: 6/18/2023 |
| L'Anse Creuse Public Schools                                                                      | Drawn by: JLP            |
|                                                                                                   | Reviewed: BJK            |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 2 of 2           |
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- = MS4
- = Catch Basin
- = Manhole
- = Trench Drain
- - - = Property Lines
- = Sanitary




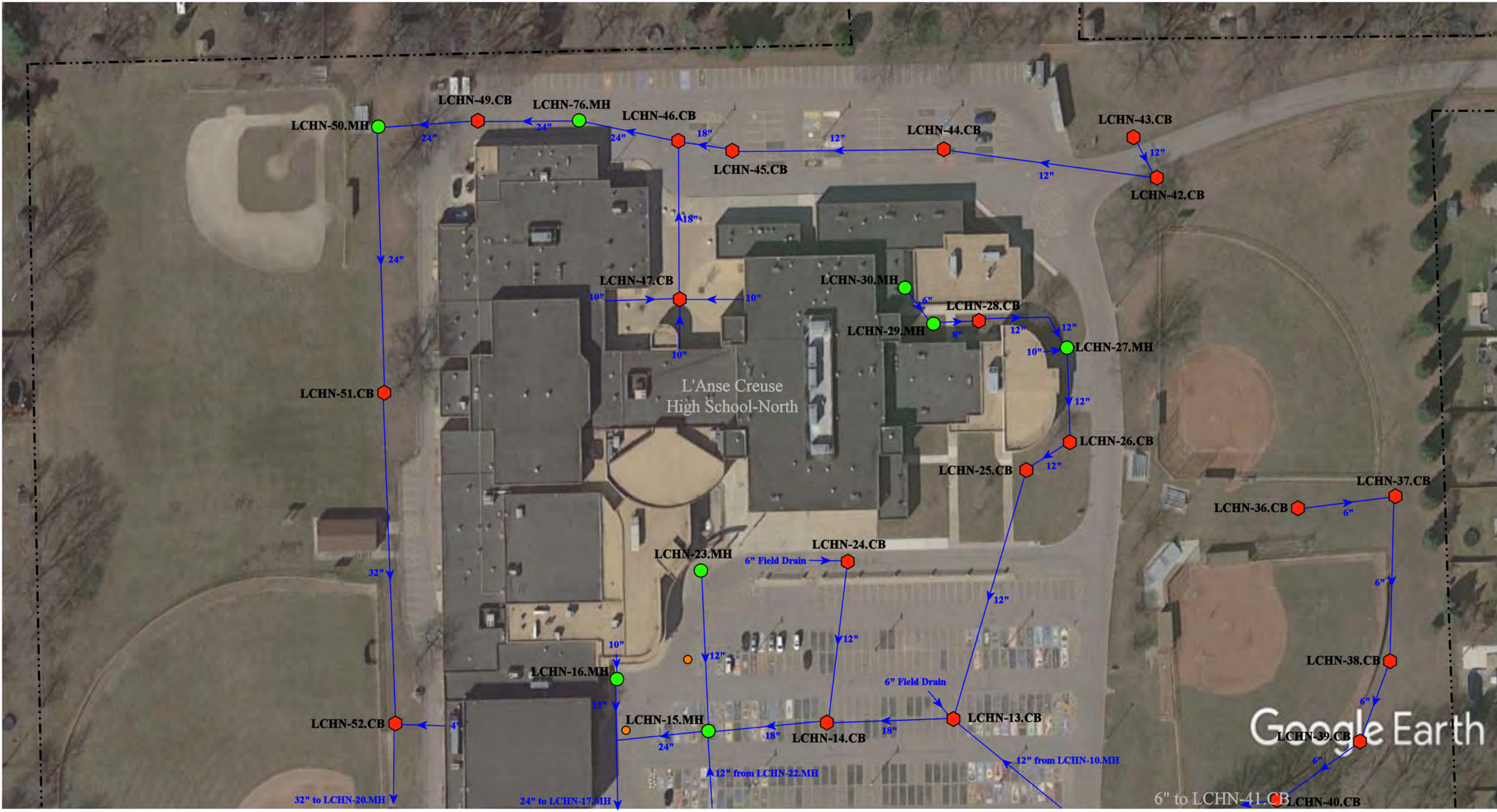
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|---------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 38495 Prentiss St, Harrison Twp, MI, 48045                                                                                            |  | Revision Date : | 1/17/22      |
| <h2 style="text-align: center;">Lobbstaël Elementary School</h2> <p style="text-align: center;">L'Anse Creuse Public Schools</p>      |  | Drawn by:       | MW           |
|                                                                                                                                       |  | Reviewed:       | CJ           |
| <p style="font-size: small;">37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |  | Page #:         | 1 of 1       |
|                                                                                                                                       |  | Scale:          | Not to Scale |



- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ◆ = Hydrodynamic Separator
- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



|                                                                                                   |                           |
|---------------------------------------------------------------------------------------------------|---------------------------|
| 23700 21 Mile Road, Macomb, MI 48042; 46201 Fairchild, Macomb, MI 48042                           |                           |
| L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex                     | Revision Date: 06/14/2023 |
| L'Anse Creuse Public Schools                                                                      | Drawn by: JLP             |
|              | Reviewed: LK              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 1 of 4            |
|                                                                                                   | Scale: Not to Scale       |



- ⬡ = Catch Basin
- = Manhole
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Buried Structure
- = Pond/Basin
- = Offsite MS4
- = Sanitary
- ▬ = Basin Drain
- ▬ = Drainage Receptor
- ▬ = Trench Drain
- - - = Property Lines
- ▬ = Stabilized Outlet
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System
- ▬ = Flow Splitter
- ▬ = Hydrodynamic Separator

23700 21 Mile Road, Macomb, MI 48042; 46201 Fairchild, Macomb, MI 48042

North

L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex

L'Anse Creuse Public Schools

Revision Date: 06/14/2023

Drawn by: JLP

Reviewed: LK

Page #: 2 of 4

Scale: Not to Scale

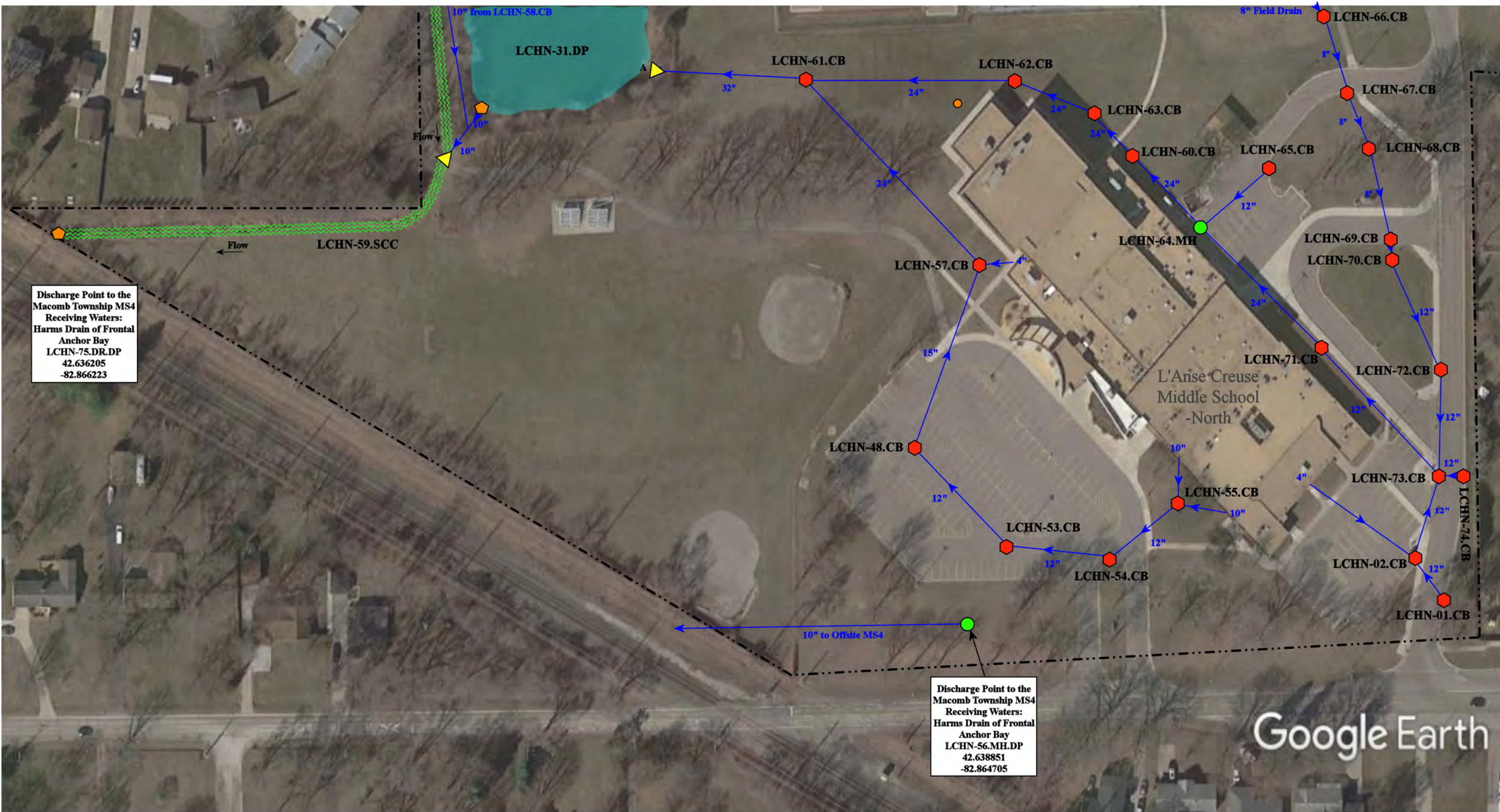
environmental group

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |              |                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><span style="color: red;">⬡</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">▣</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▣</span> = Drainage Receptor</li> <li><span style="color: blue;">▬</span> = Trench Drain</li> <li>- - - - = Property Lines</li> <li><span style="color: purple;">⬡</span> = Buried Structure</li> <li><span style="color: teal;">⬡</span> = Stabilized Outlet</li> <li><span style="color: pink;">◻</span> = Flow Splitter</li> <li><span style="color: blue;">⊙</span> = Hydrodynamic Separator</li> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="color: green;">⋯</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">▬</span> = Underground Detention System</li> </ul> |  |  |  | <p>North</p> | <p>23700 21 Mile Road, Macomb, MI 48042; 46201 Fairchild, Macomb, MI 48042</p> <p>L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex</p> <p>L'Anse Creuse Public Schools</p> <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |  | <p>Revision Date: 06/14/2023</p> <p>Drawn by: JLP</p> <p>Reviewed: LK</p> <p>Page #: 3 of 4</p> <p>Scale: Not to Scale</p> |
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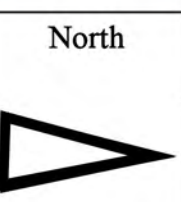




Discharge Point to the Macomb Township MS4  
 Receiving Waters:  
 Harms Drain of Frontal Anchor Bay  
 LCHN-75.DR.DP  
 42.636205  
 -82.866223

Discharge Point to the Macomb Township MS4  
 Receiving Waters:  
 Harms Drain of Frontal Anchor Bay  
 LCHN-56.MH.DP  
 42.638851  
 -82.864705

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



23700 21 Mile Road, Macomb, MI 48042; 46201 Fairchild, Macomb, MI 48042

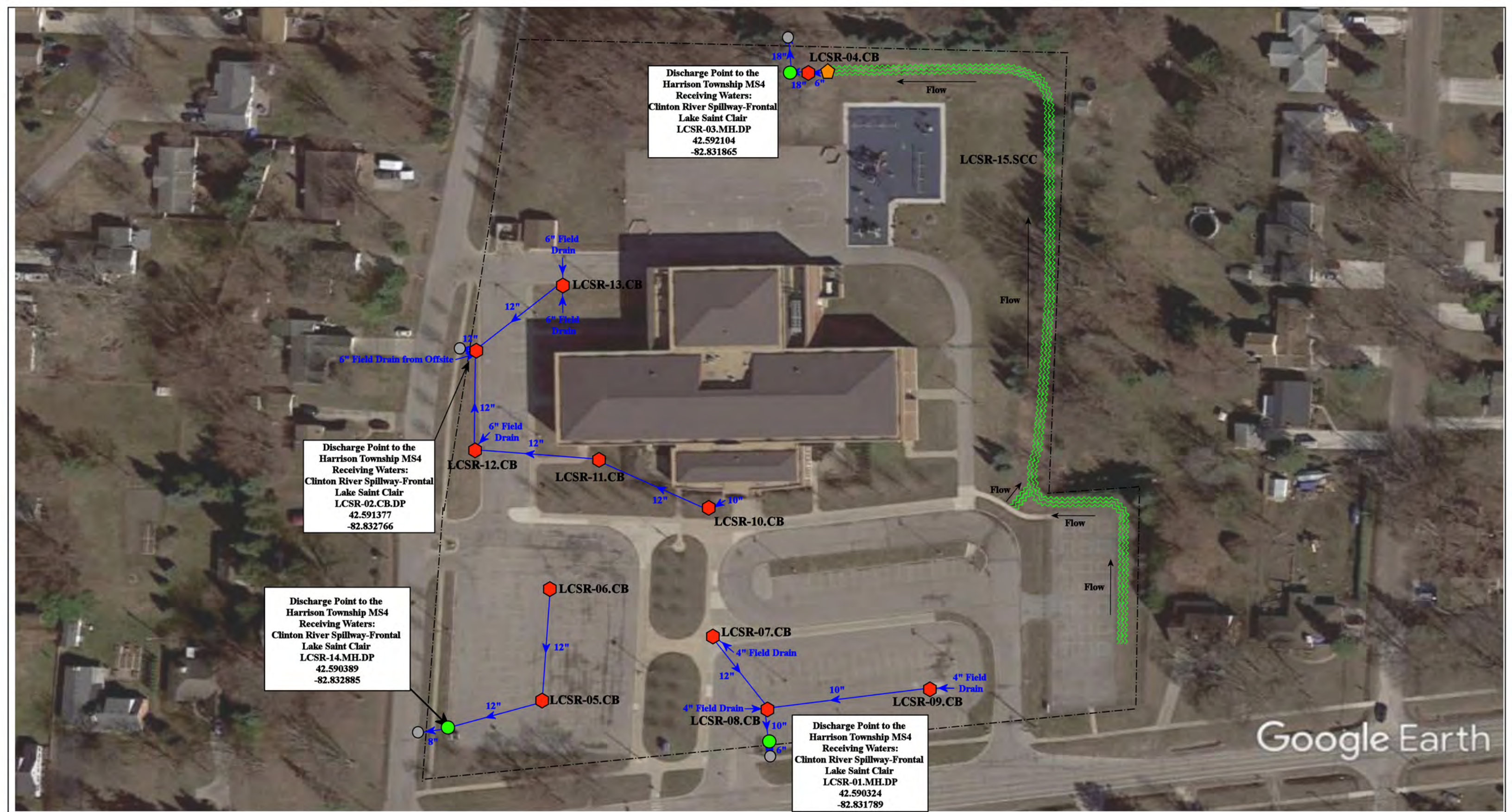
L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex

L'Anse Creuse Public Schools

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 06/14/2023   |
| Drawn by:      | JLP          |
| Reviewed:      | LK           |
| Page #:        | 4 of 4       |
| Scale:         | Not to Scale |





Google Earth

27733 S River Road, Harrison Township, MI 48045

## South River Elementary School

L'Anse Creuse Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 02/22/2023   |
| Drawn by:      | WM           |
| Reviewed:      | EG           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Discharge Point to the City of Clinton Township MS4  
 Receiving Waters:  
 Clinton River Spillway - Frontal Lake Saint Clair  
 LCTE-01.CB.DP  
 42.559225  
 -82.877424

Discharge Point to the City of Clinton Township MS4  
 Receiving Waters:  
 Clinton River Spillway - Frontal Lake Saint Clair  
 LCTE-07.MH.DP  
 42.558818  
 -82.877423

Discharge Point to the City of Clinton Township MS4  
 Receiving Waters:  
 Clinton River Spillway - Frontal Lake Saint Clair  
 LCTE-03.SCC.DP  
 42.559028  
 -82.874820


- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



23450 Glenwood Avenue, Clinton, MI 48035

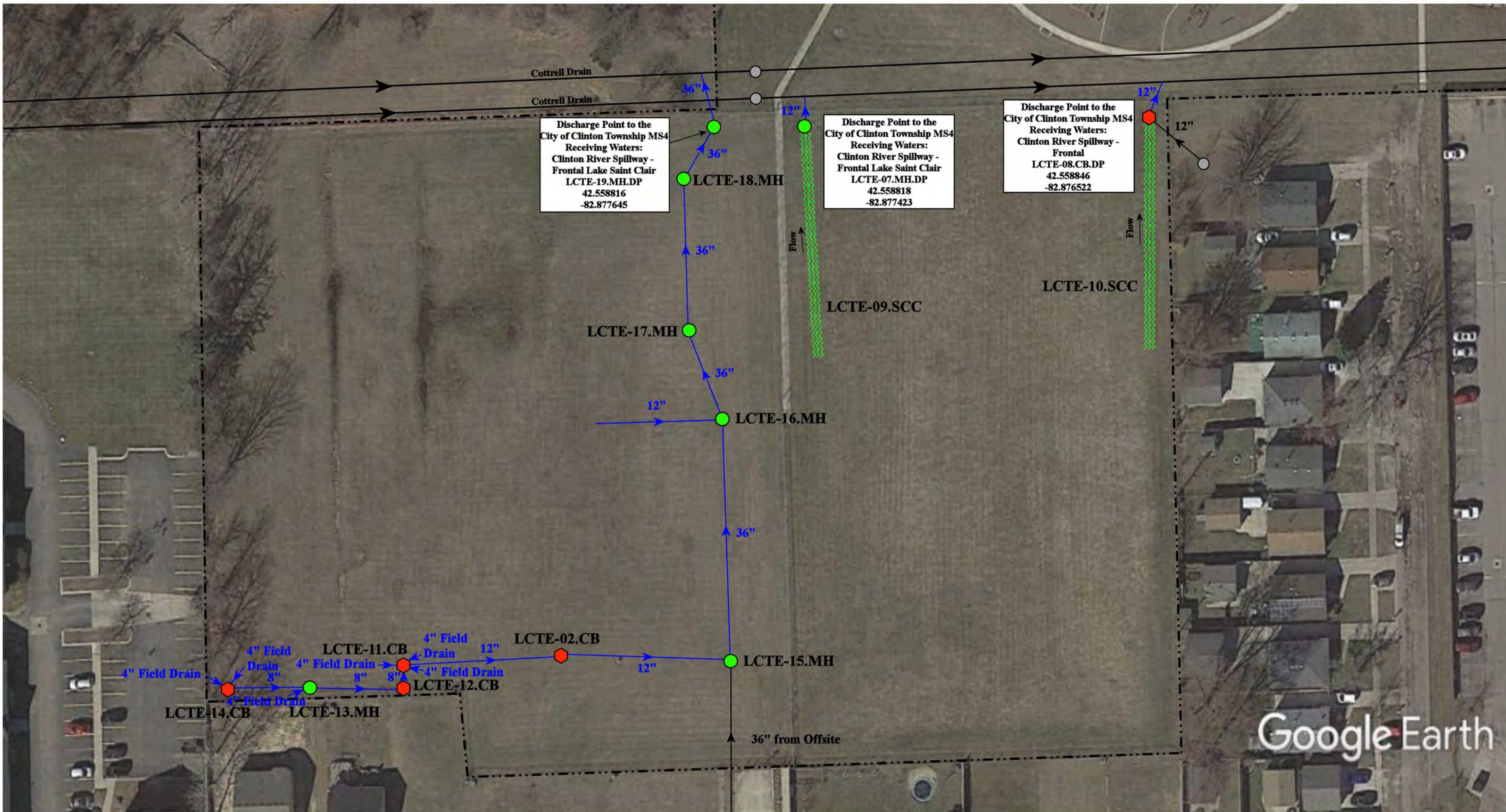
**Tenniswood Elementary School**

L'Anse Creuse Public Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305


|                 |              |
|-----------------|--------------|
| Revision Date : | 09/14/2022   |
| Drawn by:       | JLP          |
| Reviewed:       | BJK          |
| Page #:         | 1 of 2       |
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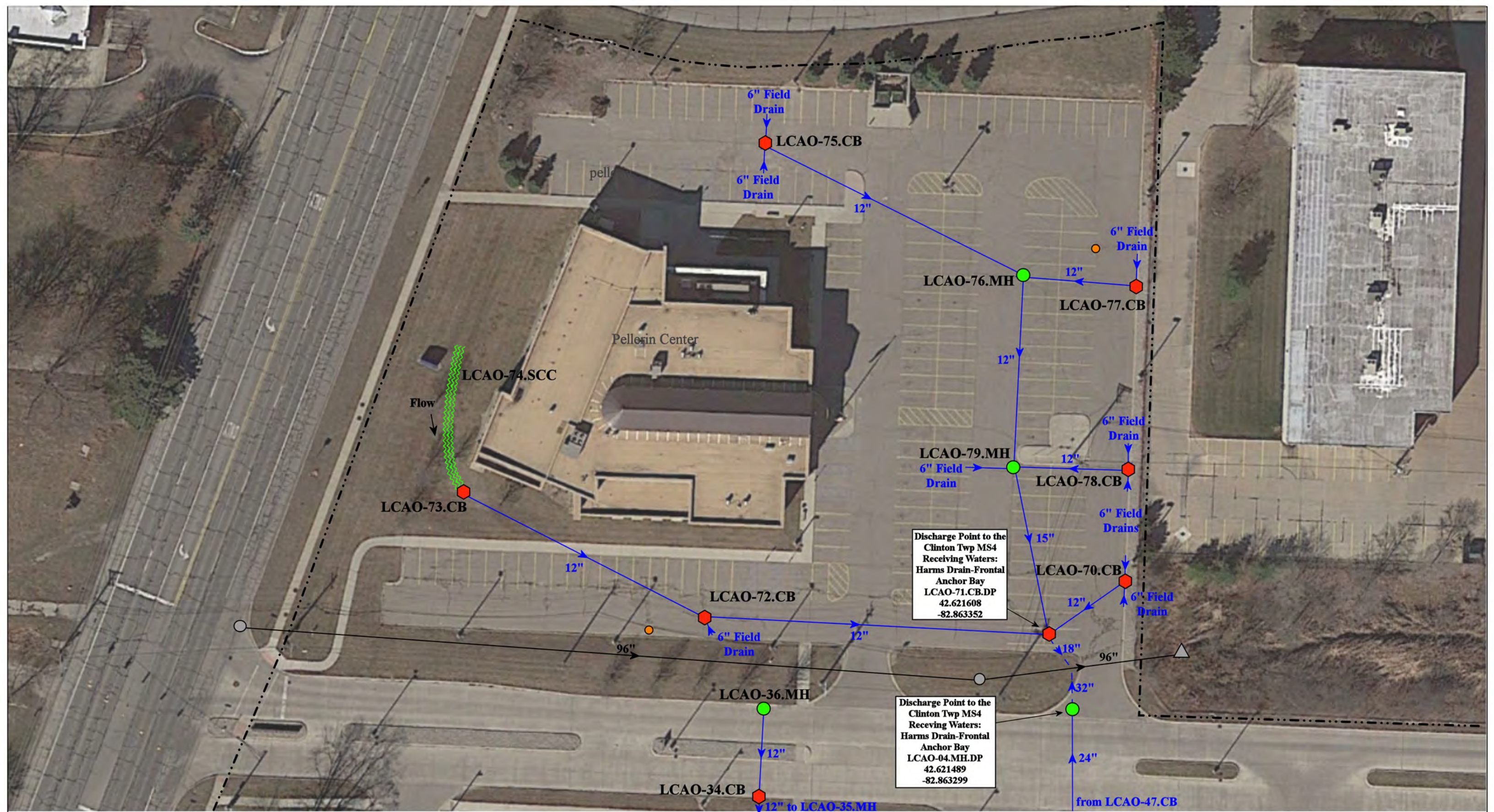


Google Earth

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                       |                                                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 23450 Glenwood Avenue, Clinton, MI 48035                                              |                                                                                                   |
| <b>Tenniswood Elementary School</b>                                                   |                                                                                                   |
| L'Anse Creuse Public Schools                                                          |                                                                                                   |
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date :                                                                       | 09/14/2022                                                                                        |
| Drawn by:                                                                             | JLP                                                                                               |
| Reviewed:                                                                             | BJK                                                                                               |
| Page #:                                                                               | 2 of 2                                                                                            |
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Discharge Point to the Clinton Twp MS4  
 Receiving Waters:  
 Harms Drain-Frontal  
 Anchor Bay  
 LCAO-71.CB.DP  
 42.621608  
 -82.863352

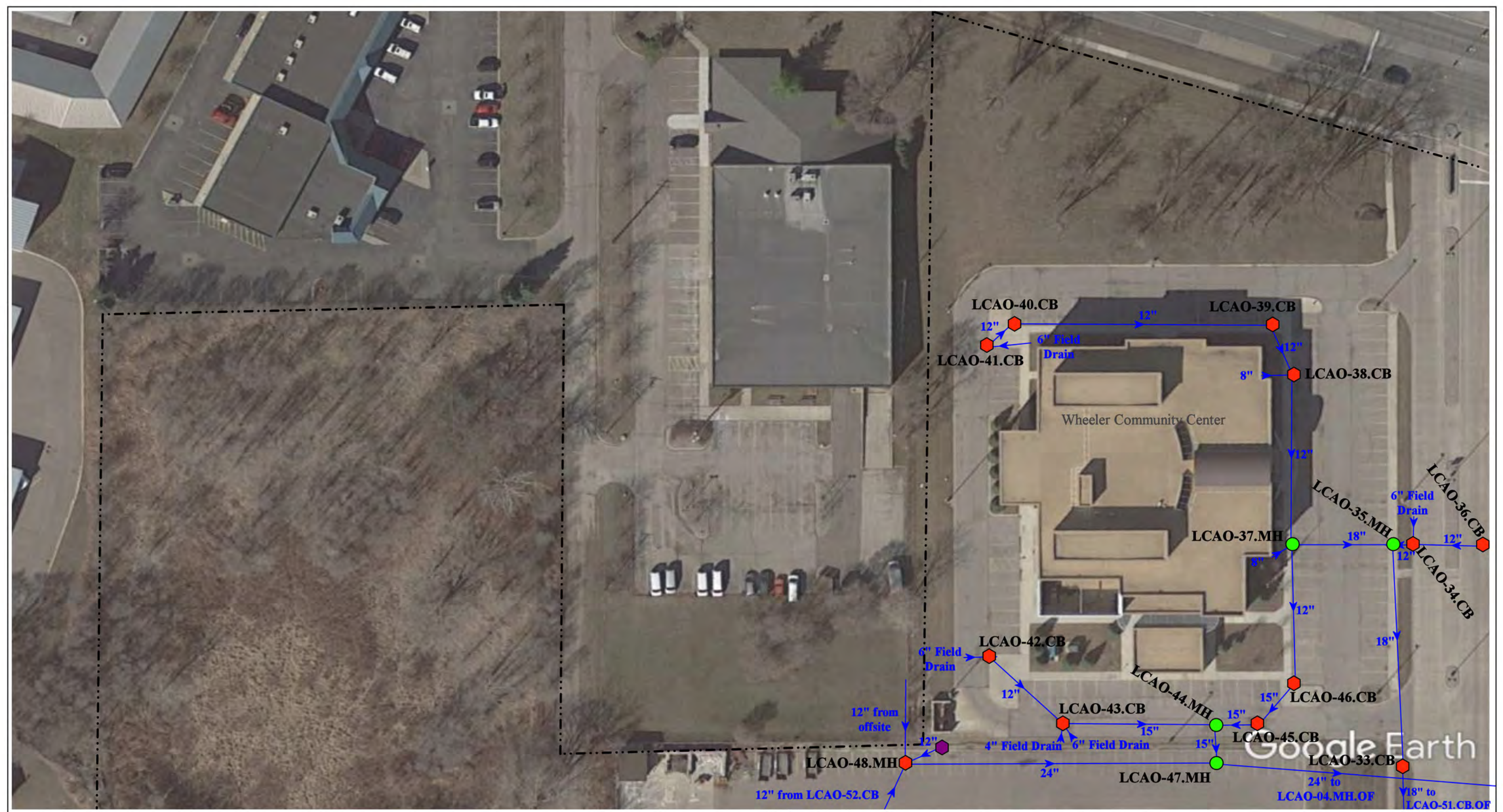
Discharge Point to the Clinton Twp MS4  
 Receiving Waters:  
 Harms Drain-Frontal  
 Anchor Bay  
 LCAO-04.MH.DP  
 42.621489  
 -82.863299

24076/24400/24600/24001 Frederick Pankow Blvd., Clinton Twp., MI 48036

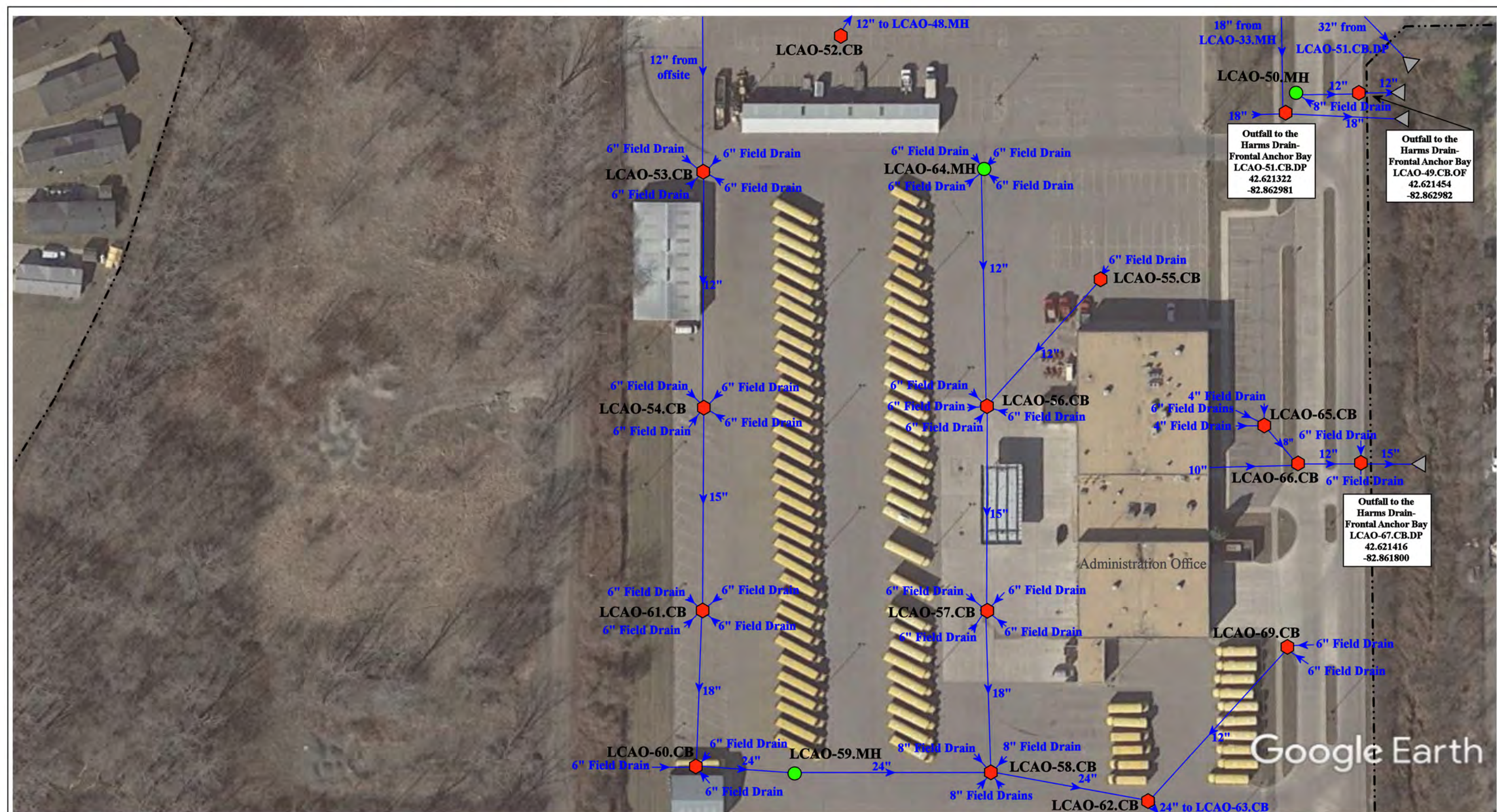
- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ▣ = Infiltration Basin
- ▴ = Open Pipe Outlet
- ▣ = Drainage Receptor
- ▬ = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



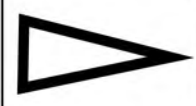
|                                                                                                                                                                       |                |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| Wheeler Community Center-Administration Office-Transportation<br>& Maintenance-Frederick Pankow Center-Pellerin Center-Complex<br><b>L'anse Creuse Public Schools</b> | Revision Date: | 11/17/2022   |
|                                                                                                                                                                       | Drawn by:      | EG           |
| <br><small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small>                    | Reviewed:      | LK           |
|                                                                                                                                                                       | Page #:        | 1 of 5       |
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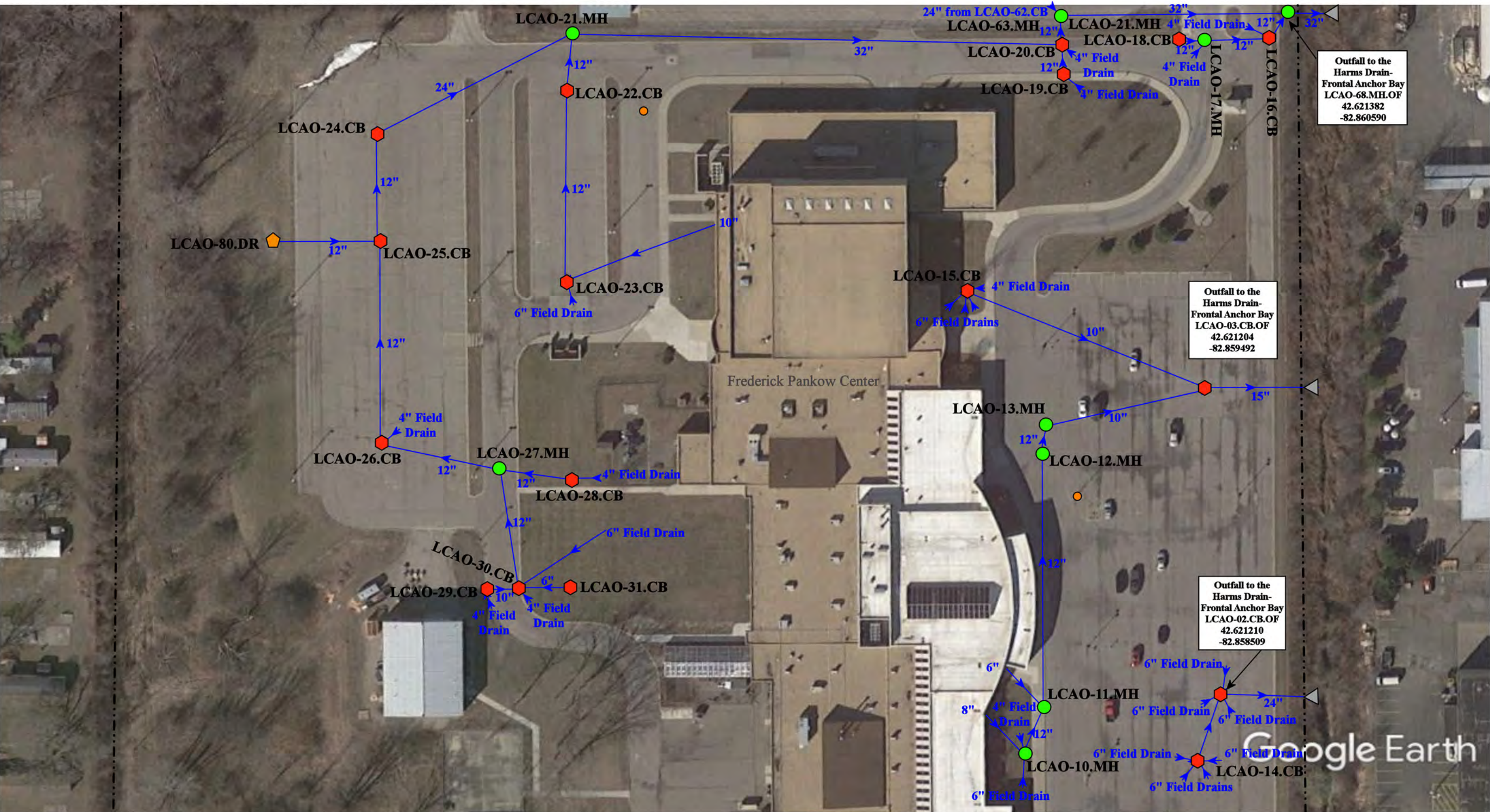


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                    |                                                                                                   |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|
| 24076/24400/24600/24001 Frederick Pankow Blvd., Clinton Twp., MI 48036                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                                                                                                                                                                    |                                                                                                   |                                       |
| <p> <span style="color: red;">◆</span> = Catch Basin<br/> <span style="color: green;">●</span> = Manhole<br/> <span style="color: blue;">●</span> = Basin Drain<br/> <span style="color: grey;">●</span> = Offsite MS4<br/> <span style="color: orange;">●</span> = Sanitary<br/> <span style="color: blue;">■</span> = Infiltration Basin<br/> <span style="color: yellow;">▲</span> = Open Pipe Outlet<br/> <span style="color: orange;">▲</span> = Drainage Receptor<br/> <span style="color: blue;">—</span> = Trench Drain<br/> <span style="border: 1px dashed black; display: inline-block; width: 10px; height: 10px;"></span> = Property Lines<br/> <span style="color: purple;">◆</span> = Buried Structure<br/> <span style="color: teal;">◆</span> = Stabilized Outlet<br/> <span style="border: 1px solid purple; display: inline-block; width: 10px; height: 10px;"></span> = Flow Splitter<br/> <span style="color: blue;">⊗</span> = Hydrodynamic Separator<br/> <span style="color: cyan;">●</span> = Pond/Basin<br/> <span style="color: green;">⊗</span> = Swale/Stormwater Conveyance Channel<br/> <span style="color: blue;">⊗</span> = Underground Detention System         </p> | <p>North</p> | Wheeler Community Center-Administration Office-Transportation & Maintenance-Frederick Pankow Center-Pellerin Center-Complex<br><b>L'anse Creuse Public Schools</b> | Revision Date : 11/17/2022<br>Drawn by: EG<br>Reviewed: LK                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                    | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 2 of 5<br>Scale: Not to Scale |



Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |                                                                                                                                        |  |                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|
| <p>24076/24400/24600/24001 Frederick Pankow Blvd., Clinton Twp., MI 48036</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | <p>Wheeler Community Center-Administration Office-Transportation &amp; Maintenance-Frederick Pankow Center-Pellerin Center-Complex</p> |  | <p>Revision Date : 11/17/2022</p>                |  |
| <p>L'anse Creuse Public Schools</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | <p>North</p>                                                                                                                           |  | <p>Drawn by: EG</p>                              |  |
| <p>environmental group</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                            |  | <p>Reviewed: LK</p>                              |  |
| <p>Legend:</p> <ul style="list-style-type: none"> <li>● = Catch Basin</li> <li>● = Manhole</li> <li>● = Basin Drain</li> <li>○ = Offsite MS4</li> <li>● = Sanitary</li> <li>■ = Infiltration Basin</li> <li>▲ = Open Pipe Outlet</li> <li>● = Drainage Receptor</li> <li>— = Trench Drain</li> <li>- - - = Property Lines</li> <li>■ = Buried Structure</li> <li>■ = Stabilized Outlet</li> <li>□ = Flow Splitter</li> <li>⊕ = Hydrodynamic Separator</li> <li>○ = Pond/Basin</li> <li>〰 = Swale/Stormwater Conveyance Channel</li> <li>▬ = Underground Detention System</li> </ul> |  |  |  | <p>North</p>                                      |  | <p>Page #: 3 of 5</p> <p>Scale: Not to Scale</p> |  |



Outfall to the Harms Drain-Frontal Anchor Bay  
 LCAO-68.MH.OF  
 42.621382  
 -82.860590

Outfall to the Harms Drain-Frontal Anchor Bay  
 LCAO-03.CB.OF  
 42.621204  
 -82.859492

Outfall to the Harms Drain-Frontal Anchor Bay  
 LCAO-02.CB.OF  
 42.621210  
 -82.858509

Google Earth

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

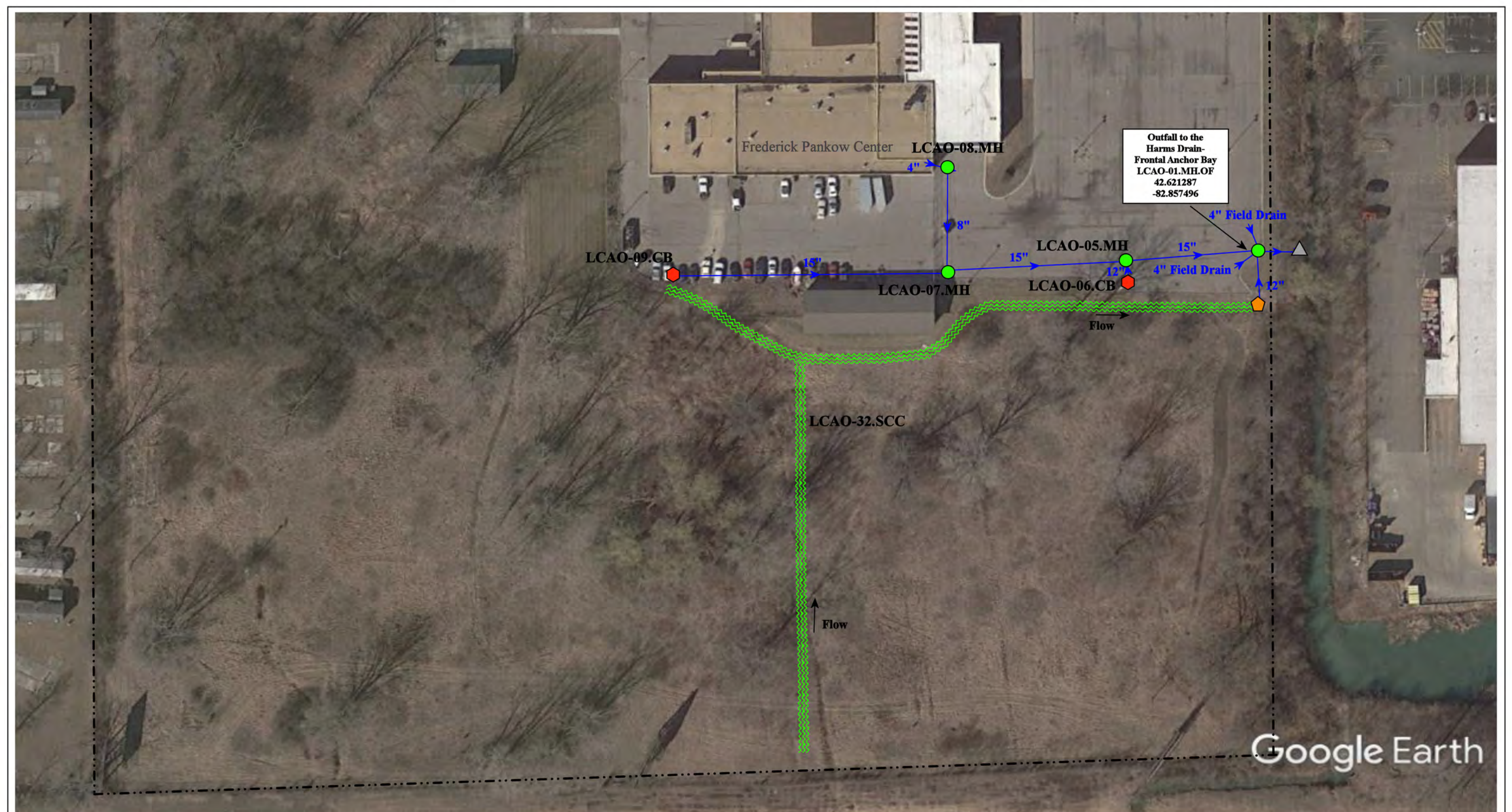
24076/24400/24600/24001 Frederick Pankow Blvd., Clinton Twp., MI 48036

North

|                                                                                                                             |                |              |
|-----------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| Wheeler Community Center-Administration Office-Transportation & Maintenance-Frederick Pankow Center-Pellerin Center-Complex | Revision Date: | 11/17/2022   |
| L'anse Creuse Public Schools                                                                                                | Drawn by:      | EG           |
|                                                                                                                             | Reviewed:      | LK           |
|                                                                                                                             | Page #:        | 4 of 5       |
|                                                                                                                             | Scale:         | Not to Scale |

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305





Outfall to the Harms Drain-Frontal Anchor Bay  
 LCAO-01.MH.OF  
 42.621287  
 -82.857496

Google Earth

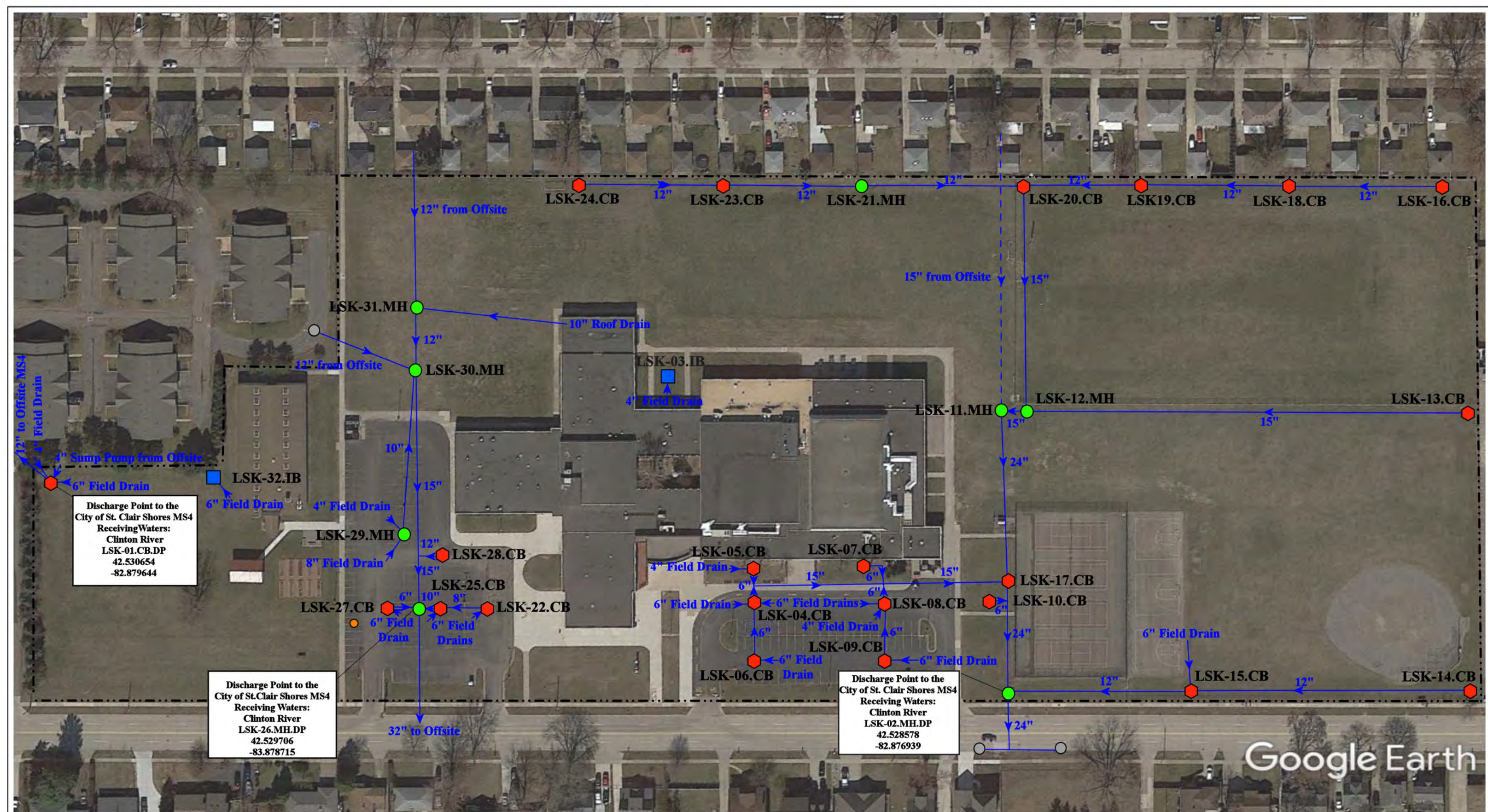
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                           |  |              |                                                                               |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|--|--------------|-------------------------------------------------------------------------------|--|
| <p> <span style="color:red">◆</span> = Catch Basin             <span style="color:blue">■</span> = Infiltration Basin             <span style="color:purple">◆</span> = Buried Structure             <span style="color:cyan">●</span> = Pond/Basin<br/> <span style="color:green">●</span> = Manhole             <span style="color:yellow">▲</span> = Open Pipe Outlet             <span style="color:teal">◆</span> = Stabilized Outlet             <span style="color:cyan">▤</span> = Swale/Stormwater Conveyance Channel<br/> <span style="color:blue">●</span> = Basin Drain     <span style="color:orange">◆</span> = Drainage Receptor     <span style="color:magenta">◻</span> = Flow Splitter     <span style="color:blue">▬</span> = Trench Drain     <span style="color:blue">⊗</span> = Hydrodynamic Separator     <span style="color:blue">▬</span> = Underground Detention System<br/> <span style="color:grey">●</span> = Offsite MS4     <span style="color:blue">▬</span> = Property Lines<br/> <span style="color:orange">●</span> = Sanitary       </p> |  |                                                                                                                           |  | <p>North</p> | <p>24076/24400/24600/24001 Frederick Pankow Blvd., Clinton Twp., MI 48036</p> |  |
| <p>Wheeler Community Center-Administration Office-Transportation &amp; Maintenance-Frederick Pankow Center-Pellerin Center-Complex</p> <p>L'anse Creuse Public Schools</p> <p>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <p>Revision Date: 11/17/2022</p> <p>Drawn by: EG</p> <p>Reviewed: LK</p> <p>Page #: 5 of 5</p> <p>Scale: Not to Scale</p> |  |              |                                                                               |  |

## Receiving Waters Table

| Lake Shore Public Schools                                                             |                              |                                         |            |                                 |                                                 |                |
|---------------------------------------------------------------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|-------------------------------------------------|----------------|
| FACILITY                                                                              | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                                | WATERSHED      |
| <b>James Rodgers Elementary School and Lake Shore Administration Building Complex</b> | RES-01.CB.DP                 | 42.506625                               | -82.894880 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | RES-02.CB.DP                 | 42.506636                               | -82.893198 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | RES-03.CB.DP                 | 42.506974                               | -82.897959 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | RES-27.CB.DP                 | 42.506574                               | -82.895317 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
| <b>John F. Kennedy Middle School/ SCS Adult &amp; Community Education (#1)</b>        | LSK-01.CB.DP                 | 42.530654                               | -82.879644 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSK-02.MH.DP                 | 42.528578                               | -82.876939 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSK-26.MH.DP                 | 42.529702                               | -82.878703 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
| <b>Lake Shore High School and Lake Shore Maintenance Facility Complex</b>             | LSH-01.CB.DP                 | 42.521891                               | -82.879428 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSH-02.CB.DP                 | 42.521863                               | -82.878825 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSH-03.CB.DP                 | 42.522102                               | -82.879441 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSH-04.CB.DP                 | 42.523709                               | -82.884253 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSH-36.CB.DP                 | 42.522965                               | -82.884801 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSH-38.CB.DP                 | 42.521798                               | -82.884059 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSH-52.MH.DP                 | 42.522882                               | -82.881896 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
| <b>Masonic Heights Elementary School</b>                                              | LSM-01.CB.DP                 | 42.532232                               | -82.893558 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSM-02.CB.DP                 | 42.532227                               | -82.894100 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSM-03.CB.DP                 | 42.532312                               | -82.892974 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSM-04.CB.DP                 | 42.532307                               | -82.892368 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSM-11.MH.DP                 | 42.532312                               | -82.892330 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSM-18.CB.DP                 | 42.531223                               | -82.892016 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                       | LSM-20.MH.DP                 | 42.531258                               | -82.892867 | City of St. Clair Shores MS4    | Clinton River Spillway-Frontal Lake Saint Clair | Lake St. Clair |

## Receiving Waters Table

| Lake Shore Public Schools                                                       |                              |                                         |            |                                 |                                                     |                |
|---------------------------------------------------------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|-----------------------------------------------------|----------------|
| FACILITY                                                                        | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                                    | WATERSHED      |
| <b>North Lake High School/ SCS<br/>Adult &amp; Community Education<br/>(#2)</b> | LSK-01.CB.DP                 | 42.539198                               | -82.874609 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LSK-02.CB.DP                 | 42.539840                               | -82.876477 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LSK-14.CB.DP                 | 42.540211                               | -82.875874 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
| <b>Taylor International School<br/>and Dormitory</b>                            | LST-01.CB.DP                 | 42.517434                               | -82.901171 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LST-02.CB.DP                 | 42.517888                               | -82.900065 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LST-03.CB.DP                 | 42.517855                               | -82.900114 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LST-04.MH.DP                 | 42.517549                               | -82.900095 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LST-12.CB.DP                 | 42.517505                               | -82.902724 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
| <b>Violet Elementary School</b>                                                 | LSV-01.CB.DP                 | 42.521363                               | -82.893487 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |
|                                                                                 | LSV-02.CB.DP                 | 42.520882                               | -82.895341 | City of St. Clair Shores MS4    | Clinton River Spillway-<br>Frontal Lake Saint Clair | Lake St. Clair |




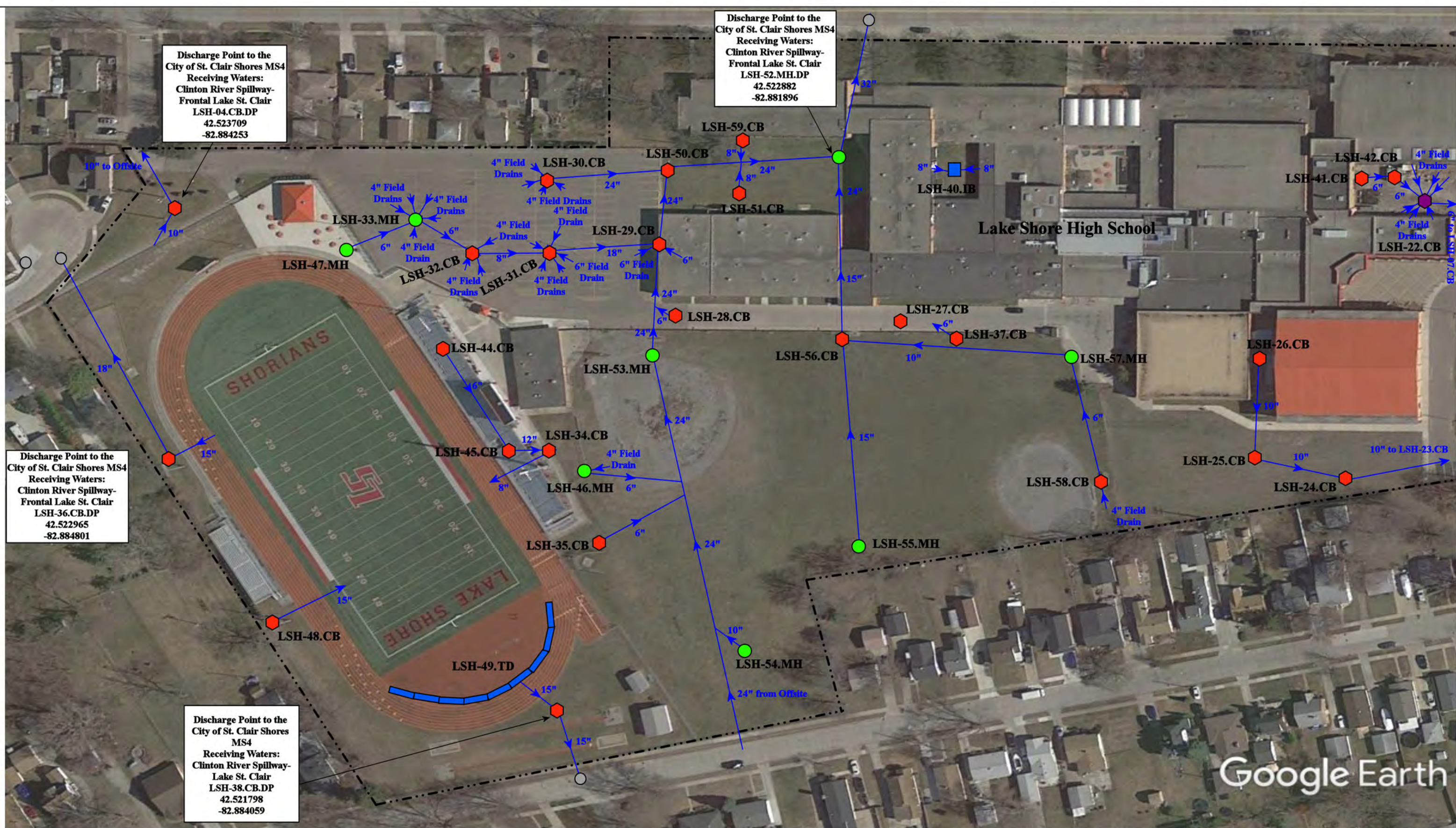
Google Earth

23101/23055 Masonic Blvd., St. Clair Shores, MI 48082

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System




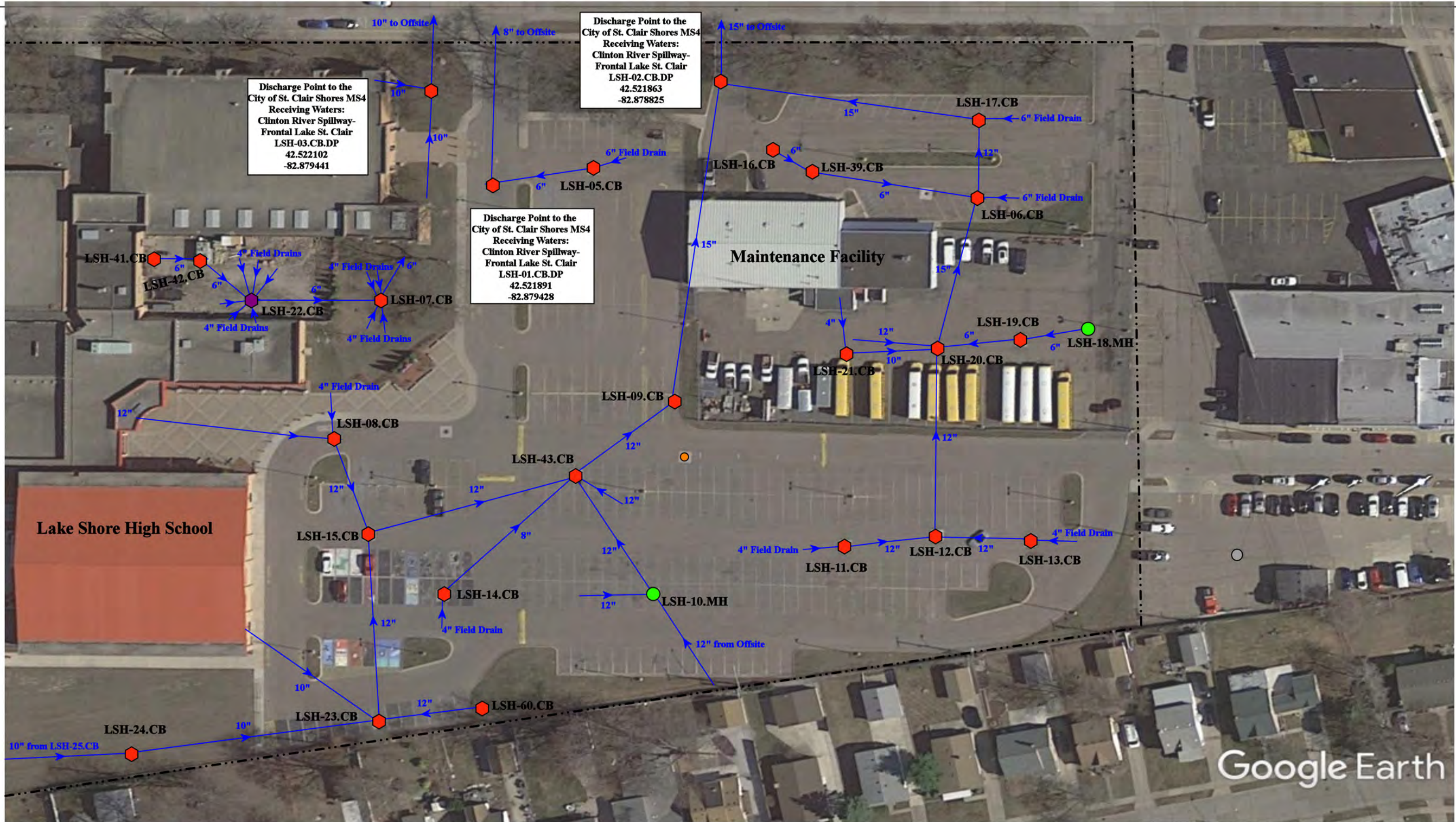
|                                                                                                                                                                                            |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| John F. Kennedy Middle School/SCS<br>Adult & Community Education Complex                                                                                                                   | Revision Date: 02/03/2022 |
| Lake Shore Public Schools                                                                                                                                                                  | Drawn by: CJ              |
| <br>37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Reviewed: KD              |
|                                                                                                                                                                                            | Page #: 1 of 1            |
|                                                                                                                                                                                            | Scale: Not to Scale       |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



|                                                                                       |                                                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 22980/23120 13 Mile Road, St. Clair Shores, MI 48082                                  |                                                                                                   |
| <b>Lake Shore High School/<br/>Maintenance Facility COMPLEX</b>                       |                                                                                                   |
| Lake Shore Public Schools                                                             |                                                                                                   |
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date:                                                                        | 08/23/2022                                                                                        |
| Drawn by:                                                                             | CJ                                                                                                |
| Reviewed:                                                                             | LK                                                                                                |
| Page #:                                                                               | 1 of 2                                                                                            |
| Scale:                                                                                | Not to Scale                                                                                      |



Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LSH-03.CB.DP  
 42.522102  
 -82.879441

Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LSH-02.CB.DP  
 42.521863  
 -82.878825

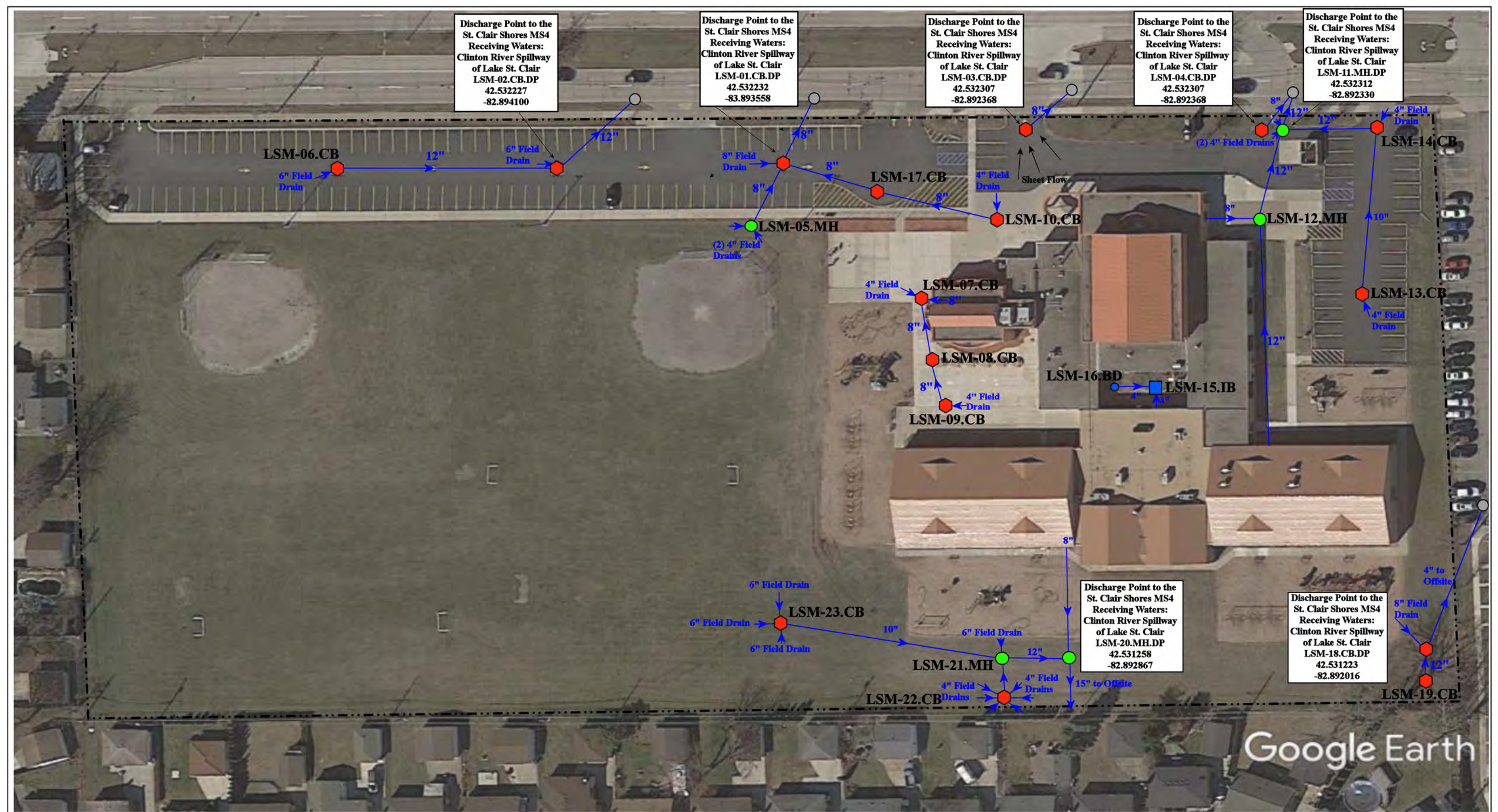
Discharge Point to the City of St. Clair Shores MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake St. Clair  
 LSH-01.CB.DP  
 42.521891  
 -82.879428

22980/23120 13 Mile Road, St. Clair Shores, MI 48082

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                   |  |                |              |
|---------------------------------------------------------------------------------------------------|--|----------------|--------------|
| <b>Lake Shore High School/<br/>Maintenance Facility COMPLEX</b>                                   |  | Revision Date: | 08/23/2022   |
| Lake Shore Public Schools                                                                         |  | Drawn by:      | CJ           |
|                                                                                                   |  | Reviewed:      | LK           |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Page #:        | 2 of 2       |
|                                                                                                   |  | Scale:         | Not to Scale |



Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-02.CB.DP  
42.532227  
-82.894100

Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-01.CB.DP  
42.532232  
-83.893558

Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-03.CB.DP  
42.532307  
-82.892368

Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-04.CB.DP  
42.532307  
-82.892368

Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-11.MH.DP  
42.532312  
-82.892330

Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-20.MH.DP  
42.531258  
-82.892867

Discharge Point to the St. Clair Shores MS4  
Receiving Waters:  
Clinton River Spillway  
of Lake St. Clair  
LSM-18.CB.DP  
42.531223  
-82.892016

22100 Masonic Boulevard, St. Clair Shores, MI 48082

Masonic Heights Elementary School

Lake Shore Public Schools

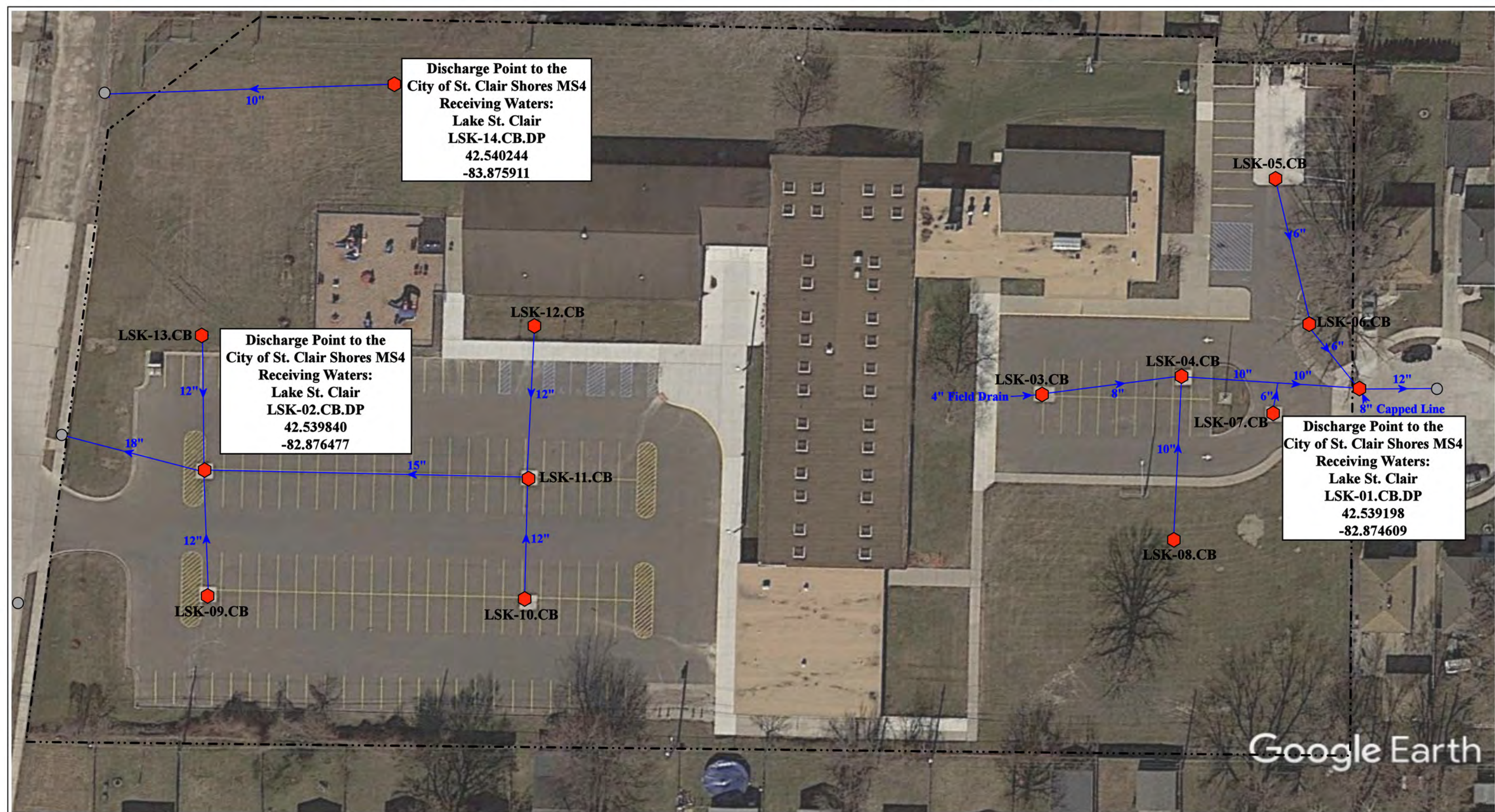


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 03/21/2023   |
| Drawn by:      | EDG          |
| Reviewed:      | CD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



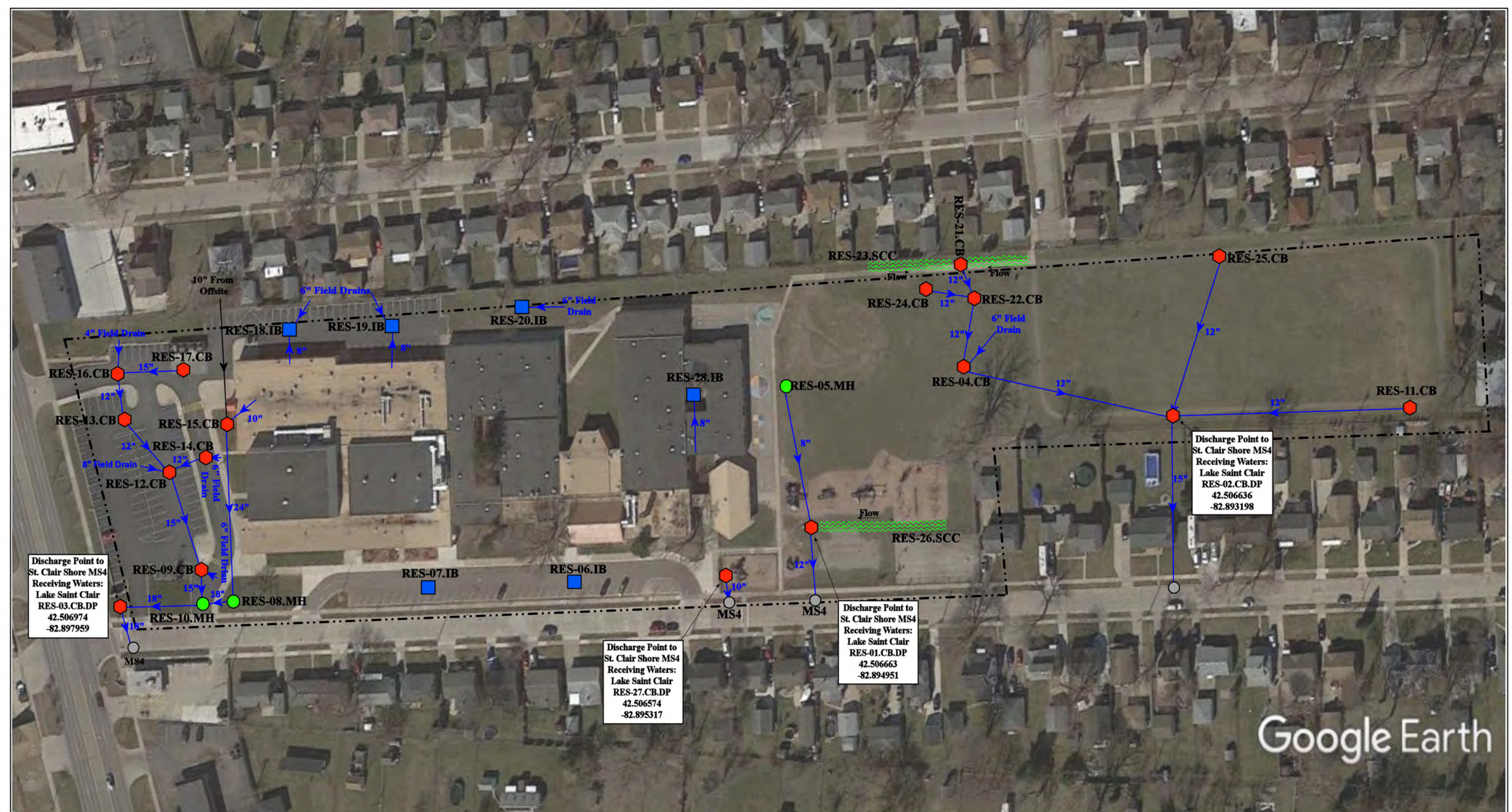
23340 Elmira Street, St. Clair Shores, MI



- = Catch Basin
- = Property Line
- = Offsite MS4

|                                                                                                   |  |                 |              |
|---------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| North Lake High School / SCS                                                                      |  | Revision Date : | 2/9/2021     |
| Adult & Community Education (#2)                                                                  |  | Drawn by:       | EG           |
| Lake Shore Public Schools                                                                         |  | Reviewed:       | KD           |
|                                                                                                   |  | Page #:         | 1 of 1       |
|                                                                                                   |  | Scale:          | Not to Scale |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  |                 |              |





Google Earth

21601 Lanse St/ 28850 Harper Ave, Saint Clair Shores, Michigan 48081

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



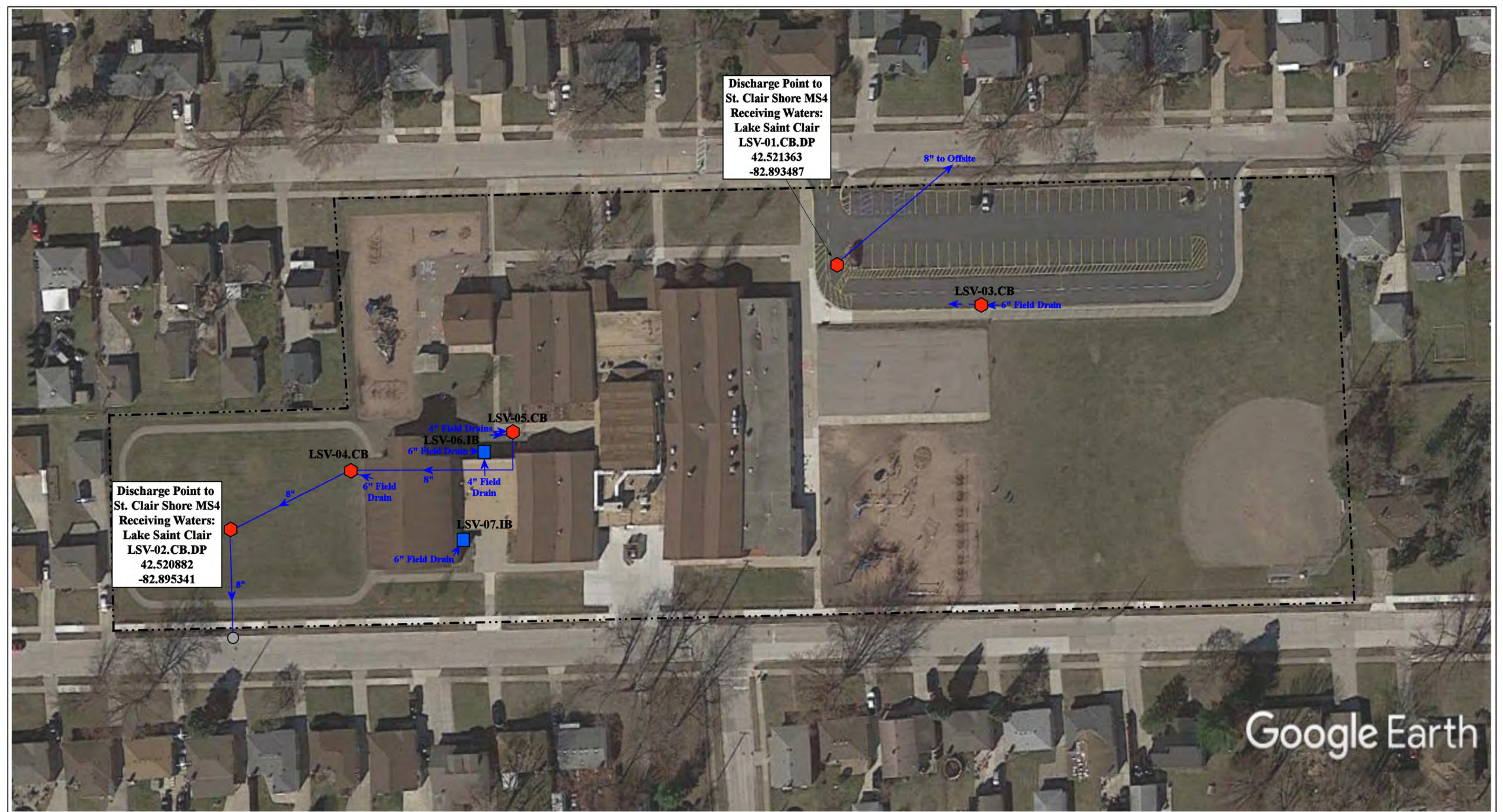
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|---------------------------------------------------------------------------------------------------|--|-----------|--------------|
| James Rodgers Elementary School - Lake Shore Administration Building COMPLEX                      |  | Date:     | 10/4/2022    |
| Lake Shore Public Schools                                                                         |  | Drawn by: | WM           |
|                                                                                                   |  | Reviewed: | EG           |
|                                                                                                   |  | Page #:   | 1 of 1       |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Scale:    | Not to Scale |



|                                                                                                                                                                                 |  |  |  |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------|
| <p>30401 Taylor St, St. Clair Shores, MI 48082</p> <h2 style="text-align: center;">Taylor International School</h2> <p style="text-align: center;">Lake Shore Public Shores</p> |  |  |  | <p>Revision Date :</p> <p>05/26/2023</p> |
|                                                                                                                                                                                 |  |  |  | <p>Drawn by:</p> <p>JK</p>               |
| <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                     |  |  |  | <p>Reviewed:</p> <p>EG</p>               |
| <p>Page #:</p> <p>1 of 1</p>                                                                                                                                                    |  |  |  | <p>Scale:</p> <p>Not to Scale</p>        |

|                                                                                                             |                                                                                                                                          |                                                                                                                     |                                                                                                              |              |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------|
| <p>🔴 = Catch Basin</p> <p>🟢 = Manhole</p> <p>🔵 = Basin Drain</p> <p>⊙ = Offsite MS4</p> <p>🟠 = Sanitary</p> | <p>🟩 = Infiltration Basin</p> <p>🟡 = Open Pipe Outlet</p> <p>🟠 = Drainage Receptor</p> <p>🔵 = Trench Drain</p> <p>⋯ = Property Lines</p> | <p>🟪 = Buried Structure</p> <p>🟩 = Stabilized Outlet</p> <p>🟪 = Flow Splitter</p> <p>🟪 = Hydrodynamic Separator</p> | <p>🟩 = Pond/Basin</p> <p>🟩 = Swale/Stormwater Conveyance Channel</p> <p>🟩 = Underground Detention System</p> | <p>North</p> |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------|



Discharge Point to  
St. Clair Shore MS4  
Receiving Waters:  
Lake Saint Clair  
LSV-01.CB.DP  
42.521363  
-82.893487

Discharge Point to  
St. Clair Shore MS4  
Receiving Waters:  
Lake Saint Clair  
LSV-02.CB.DP  
42.520882  
-82.895341

22020 Violet St., Saint Clair Shores, 48082

# Violet Elementary School

Lake Shore Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



|                 |              |
|-----------------|--------------|
| Revision Date : | 05/12/2023   |
| Drawn by:       | JK           |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

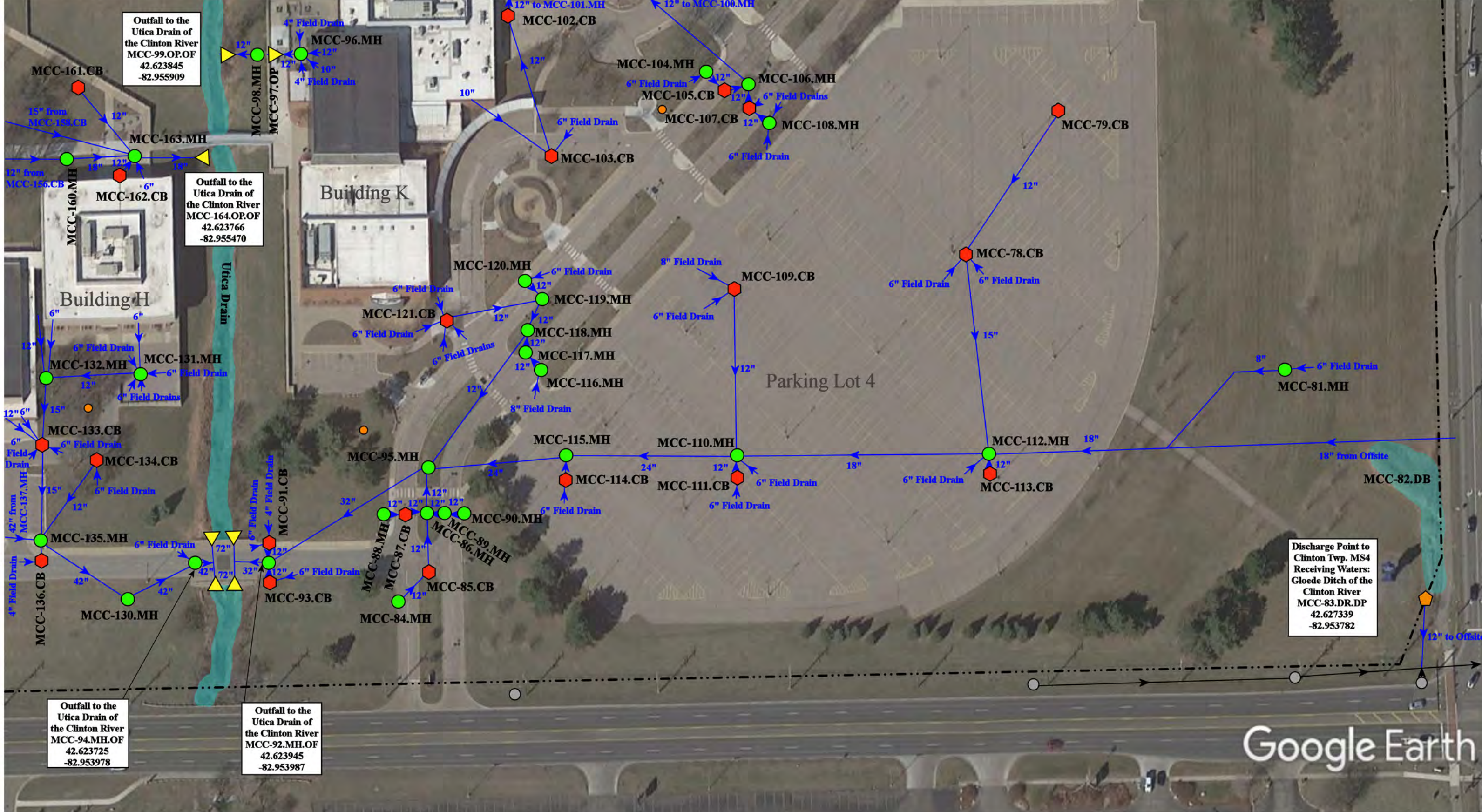
## Receiving Waters Table

### Macomb Community College

| FACILITY                  | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                       | WATERSHED     |
|---------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|----------------------------------------|---------------|
| <b>MaCC Center Campus</b> | MCC-04.CB.DP                 | 42.627307                               | -82.959485 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-09.OP.OF                 | 42.623972                               | -82.961562 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-11.OP.OF                 | 42.624021                               | -82.961411 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-14.OP.OF                 | 42.624340                               | -82.960666 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-35.OP.OF                 | 42.624714                               | -82.958867 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-37.OP.OF                 | 42.624933                               | -82.959470 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-65.OP.OF                 | 42.623418                               | -82.957774 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-83.DR.DP                 | 42.627339                               | -82.953782 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-92.MH.OF                 | 42.623945                               | -82.953987 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-94.MH.OF                 | 42.623725                               | -82.953978 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-99.OP.OF                 | 42.623845                               | -82.955909 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-123.OP.OF                | 42.623868                               | -82.956228 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-164.OP.OF                | 42.623766                               | -82.955470 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-166.OP.OF                | 42.623933                               | -82.956988 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-182.OP.OF                | 42.623933                               | -82.956988 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-237.OP.OF                | 42.623896                               | -82.961488 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-241.OP.OF                | 42.624227                               | -82.960724 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-244.OP.OF                | 42.624693                               | -82.958995 | Surface Waters of the State     | Utica Drain of the Clinton River       | Clinton River |
|                           | MCC-250.CB.OF                | 42.622021                               | -82.958661 | Surface Waters of the State     | Kenner Drain of the Clinton River      | Clinton River |
|                           | MCC-251.CB.OF                | 42.62196                                | -82.958900 | Surface Waters of the State     | Kenner Drain of the Clinton River      | Clinton River |
|                           | MCC-266.CB.OF                | 42.622143                               | -82.962768 | Surface Waters of the State     | Unnamed Tributary of the Clinton River | Clinton River |
|                           | MCC-308.CB.DP                | 42.616641                               | -82.957502 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-316.DR.DP                | 42.616922                               | -82.959081 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-319.CB.DP                | 42.616862                               | -82.959172 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-320.CB.DP                | 42.616764                               | -82.959794 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-322.CB.DP                | 42.616948                               | -82.961541 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |
|                           | MCC-325.OP.OF                | 42.618175                               | -82.958957 | Surface Waters of the State     | Unnamed Tributary of the Clinton River | Clinton River |
|                           | MCC-338.OP.OF                | 42.619380                               | -82.958895 | Surface Waters of the State     | Unnamed Tributary of the Clinton River | Clinton River |
|                           | MCC-341.CB.DP                | 42.626297                               | -82.966508 | Clinton Township MS4            | Gloede Ditch of the Clinton River      | Clinton River |

## Receiving Waters Table

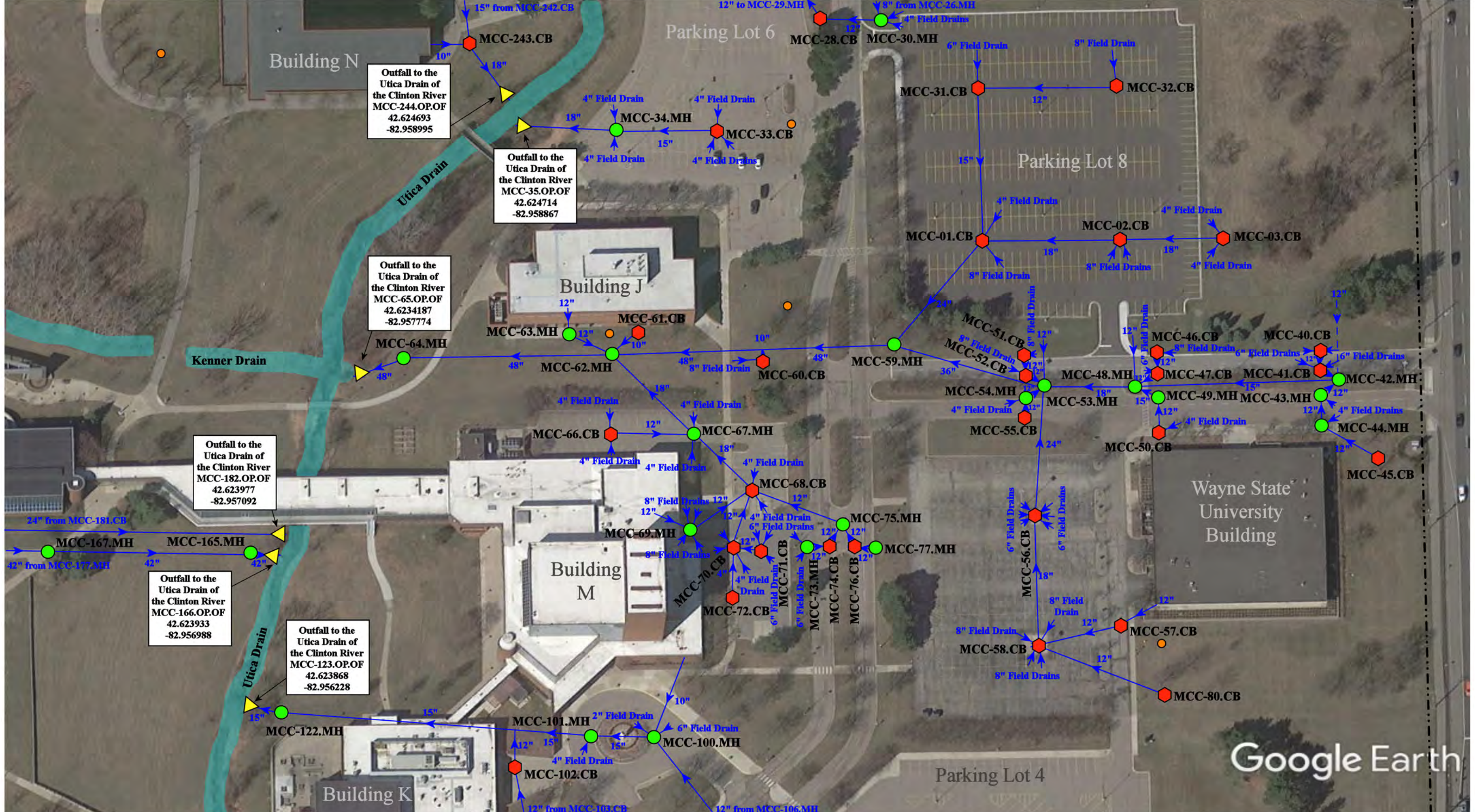
| Macomb Community College |                              |                                         |            |                                       |                                                 |               |
|--------------------------|------------------------------|-----------------------------------------|------------|---------------------------------------|-------------------------------------------------|---------------|
| FACILITY                 | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL       | RECEIVING WATERS                                | WATERSHED     |
| <b>MaCC East Campus</b>  | MEC-01.CB.DP                 | 42.620663                               | -82.890605 | Clinton Township MS4                  | Hafel Drain - North Branch of the Clinton River | Clinton River |
|                          | MEC-03.CB.DP                 | 42.620684                               | -82.891039 | Clinton Township MS4                  | Hafel Drain - North Branch of the Clinton River | Clinton River |
|                          | MEC-16.CB.OF                 | 42.622914                               | -82.890996 | Surface Waters of the State           | Hafel Drain - North Branch of the Clinton River | Clinton River |
| <b>MaCC M-TEC Campus</b> | MTC-01.OP.DP                 | 42.498209                               | -83.029306 | Macomb County Public Works Office MS4 | McCoy Drain - Red Run of the Clinton River      | Clinton River |
|                          | MTC-02.OP.DP                 | 42.498205                               | -83.029691 | Macomb County Public Works Office MS4 | McCoy Drain - Red Run of the Clinton River      | Clinton River |
|                          | MTC-04.MH.DP                 | 42.498671                               | -83.030398 | City of Warren MS4                    | McCoy Drain - Red Run of the Clinton River      | Clinton River |
|                          | MTC-07.OP.DP                 | 42.498222                               | -83.028588 | Macomb County Public Works Office MS4 | McCoy Drain - Red Run of the Clinton River      | Clinton River |
| <b>MaCC South Campus</b> | MSC-64.MH.DP                 | 42.501713                               | -82.969794 | Macomb County Public Works Office MS4 | Harrington Drain of the Clinton River           | Clinton River |
|                          | MSC-65.MH.DP                 | 42.501652                               | -82.970842 | Macomb County Public Works Office MS4 | Harrington Drain of the Clinton River           | Clinton River |
|                          | MSC-178.CB.DP                | 42.502247                               | -82.977493 | Macomb County Public Works Office MS4 | Harrington Drain of the Clinton River           | Clinton River |
|                          | MSC-201.MH.DP                | 42.508090                               | -82.977345 | Macomb County Public Works Office MS4 | Harrington Drain of the Clinton River           | Clinton River |
|                          | MSC-207.MH.DP                | 42.508200                               | -82.975576 | Macomb County Public Works Office MS4 | Harrington Drain of the Clinton River           | Clinton River |
|                          | MSC-244.MH.DP                | 42.508416                               | -82.972992 | Macomb County Public Works Office MS4 | Harrington Drain of the Clinton River           | Clinton River |



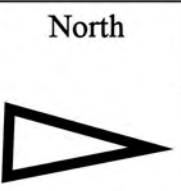
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|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

44575 Garfield Road, Clinton Township, Michigan 48038

|           |                                                                                                   |        |                 |            |
|-----------|---------------------------------------------------------------------------------------------------|--------|-----------------|------------|
| <br>North | <b>Center Campus</b>                                                                              |        | Revision Date : | 11/30/2022 |
|           | Macomb Community College                                                                          |        | Drawn by:       | CJ         |
|           |                                                                                                   |        | Reviewed:       | KD         |
|           | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |        | Page #:         | 1 of 9     |
|           |                                                                                                   | Scale: | Not to Scale    |            |



- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

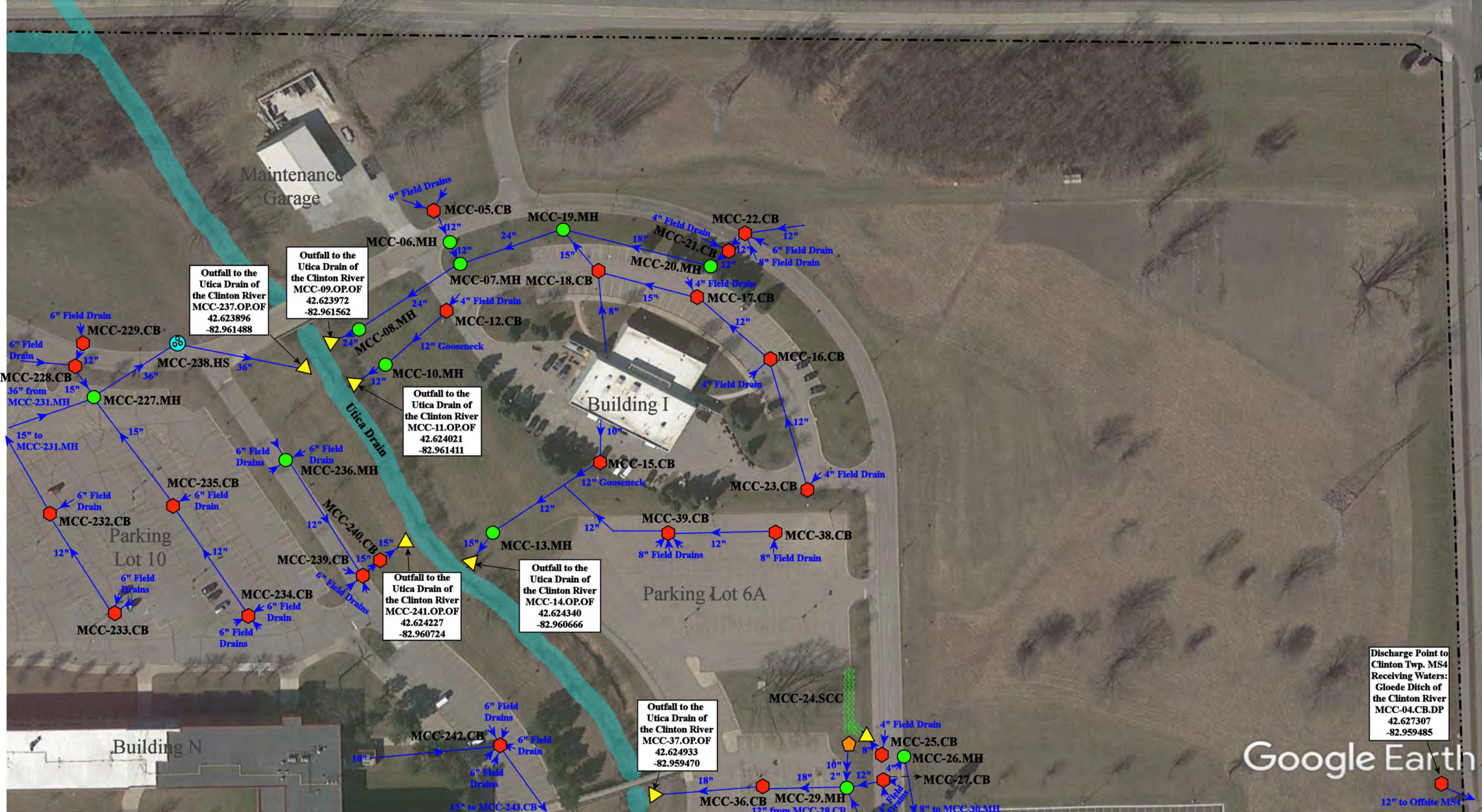


44575 Garfield Road, Clinton Township, Michigan 48083

**Center Campus**  
Macomb Community College

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 12/06/2022   |
| Drawn by:      | CJ           |
| Reviewed:      | KD           |
| Page #:        | 2 of 9       |
| Scale:         | Not to Scale |



Discharge Point to Clinton Twp. MS4  
 Receiving Waters:  
 Gloede Ditch of the Clinton River  
 MCC-04.CB.DP  
 42.627307  
 -82.959485

Google Earth

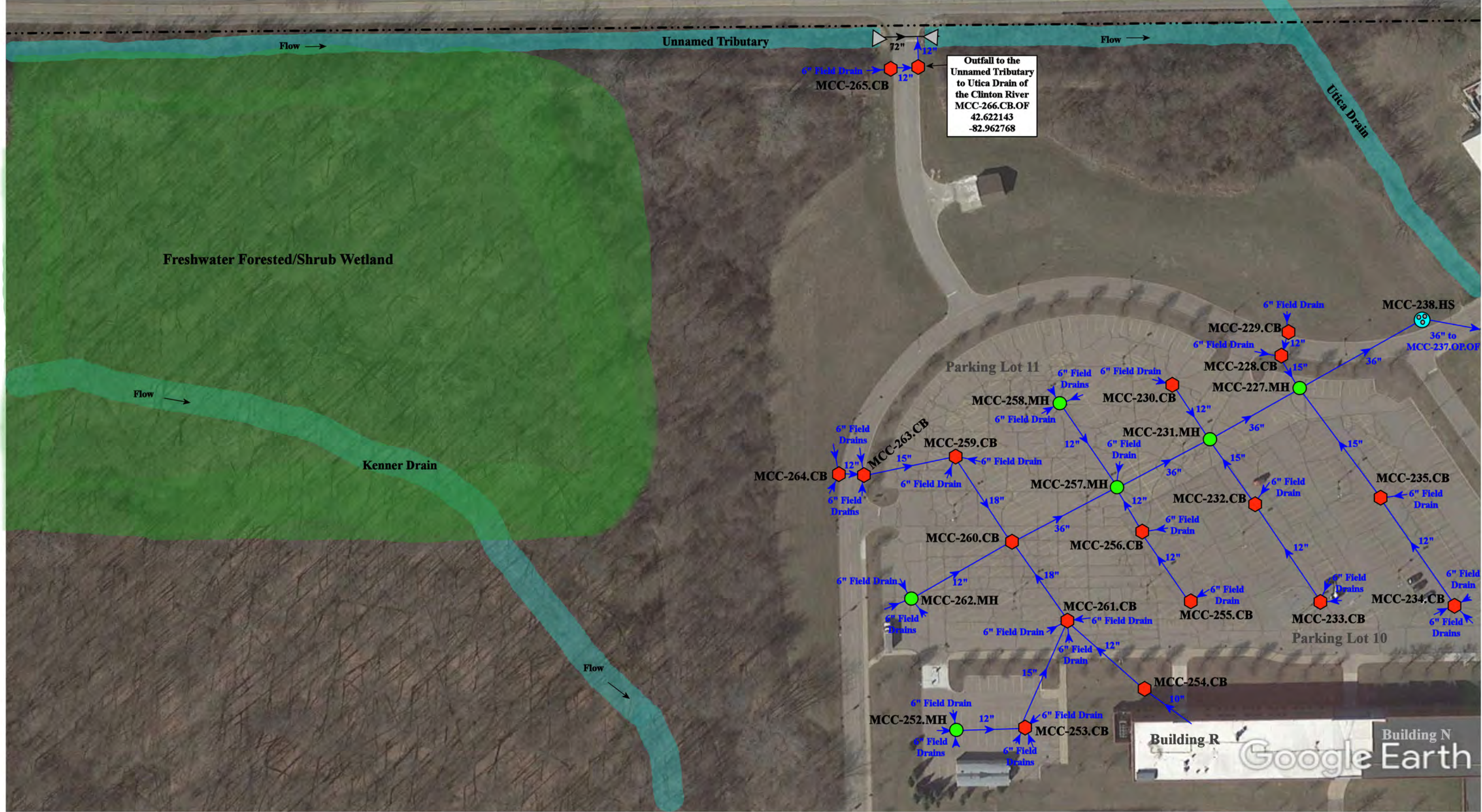
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| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



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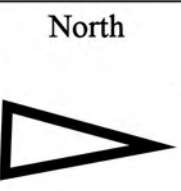
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|--------------------------|--|---------------------------------------------------------------------------------------------------|--------------|
| <b>Center Campus</b>     |  | Revision Date :                                                                                   | 11/30/2022   |
|                          |  | Drawn by:                                                                                         | CJ           |
| Macomb Community College |  | Reviewed:                                                                                         | KD           |
|                          |  | Page #:                                                                                           | 3 of 9       |
|                          |  | Scale:                                                                                            | Not to Scale |
|                          |  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |              |





Outfall to the Unnamed Tributary to Utica Drain of the Clinton River  
 MCC-266.CB.OF  
 42.622143  
 -82.962768

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ⬡ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ⬡ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



44575 Garfield Road, Clinton Township, Michigan 48038

**Center Campus**  
Macomb Community College

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 11/30/2022   |
| Drawn by:       | CJ           |
| Reviewed:       | KD           |
| Page #:         | 4 of 9       |
| Scale:          | Not to Scale |



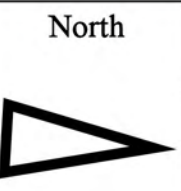
Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Gloede Ditch of the Clinton River  
 MCC-322.CB.DP  
 42.616948  
 -82.961541

Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Gloede Ditch of the Clinton River  
 MCC-320.CB.DP  
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 -82.959794

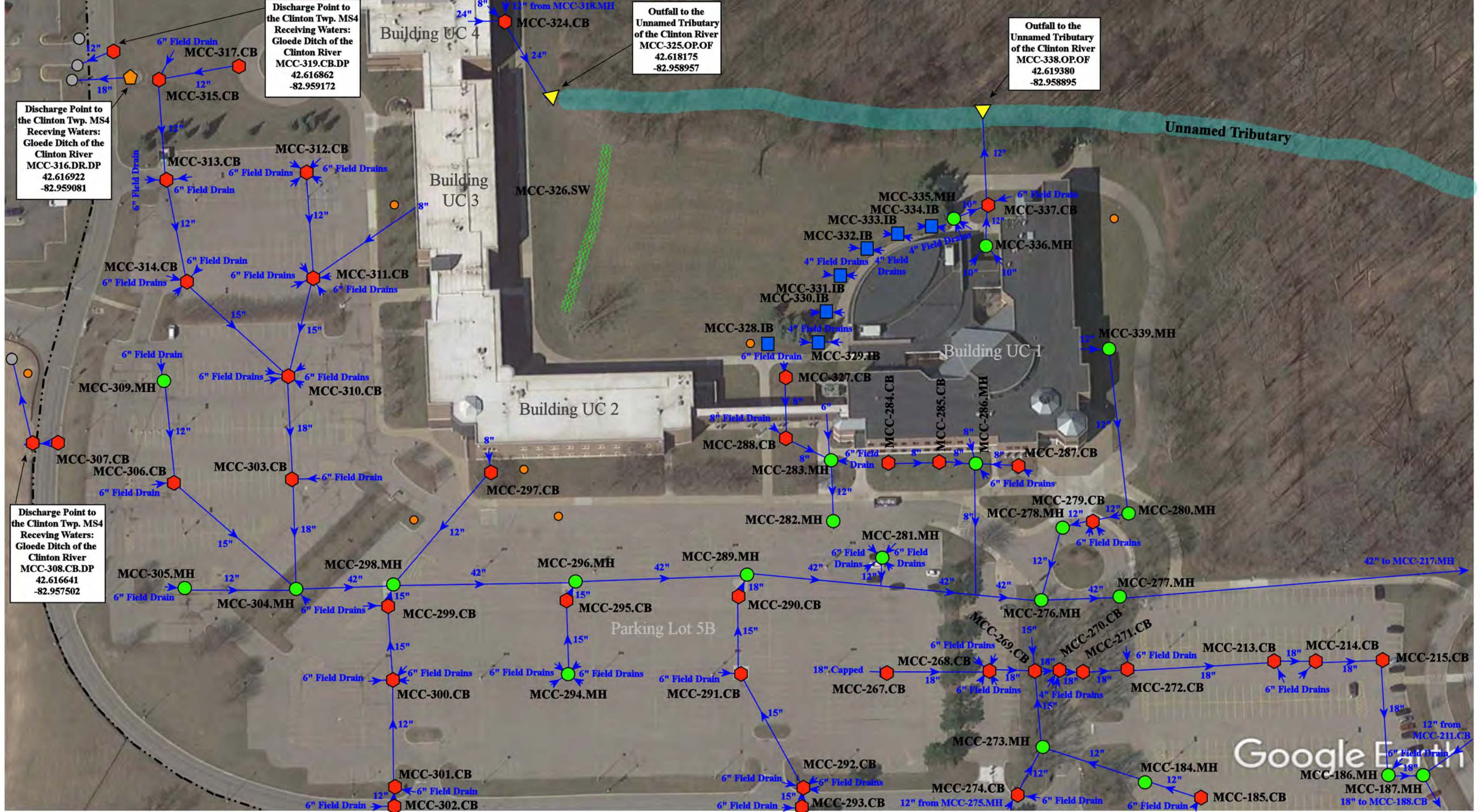
Google Earth

44575 Garfield Road, Clinton Township, Michigan 48083

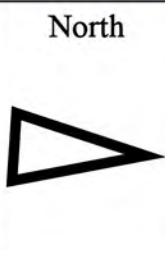
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                                                |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| <b>Center Campus</b>                                                                                                                           |  | Revision Date : | 11/30/2022   |
| Macomb Community College                                                                                                                       |  | Drawn by:       | CJ           |
|                                                                                                                                                |  | Reviewed:       | KD           |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  | Page #:         | 5 of 9       |
|                                                                                                                                                |  | Scale:          | Not to Scale |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System
- = Property Lines

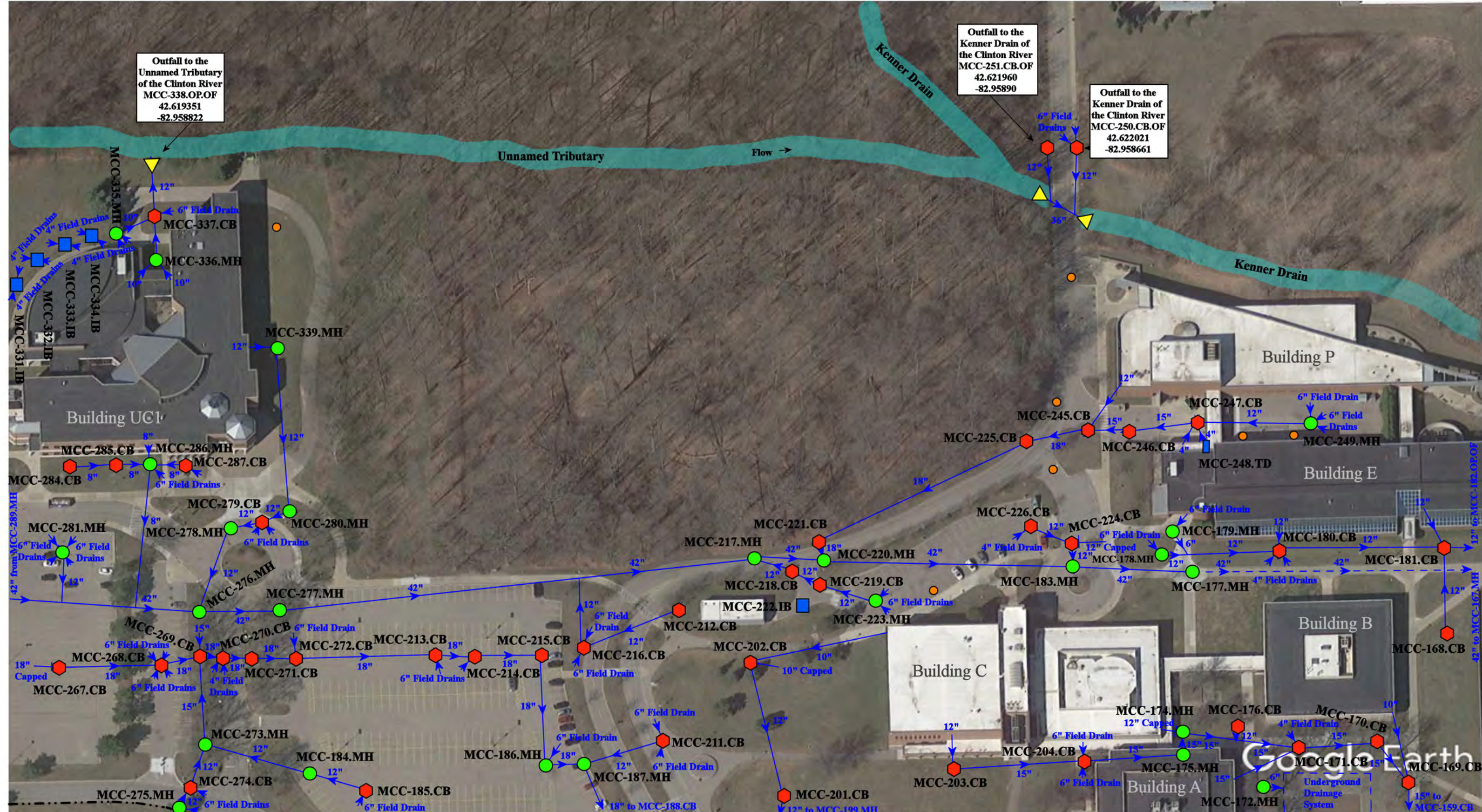


44575 Garfield Road, Clinton Township, Michigan 48083

**Center Campus**  
Macomb Community College

37720 Interchange Drive  
Farmington Hills, MI 48335  
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Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 12/06/2022   |
| Drawn by:       | CJ           |
| Reviewed:       | KD           |
| Page #:         | 6 of 9       |
| Scale:          | Not to Scale |



|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

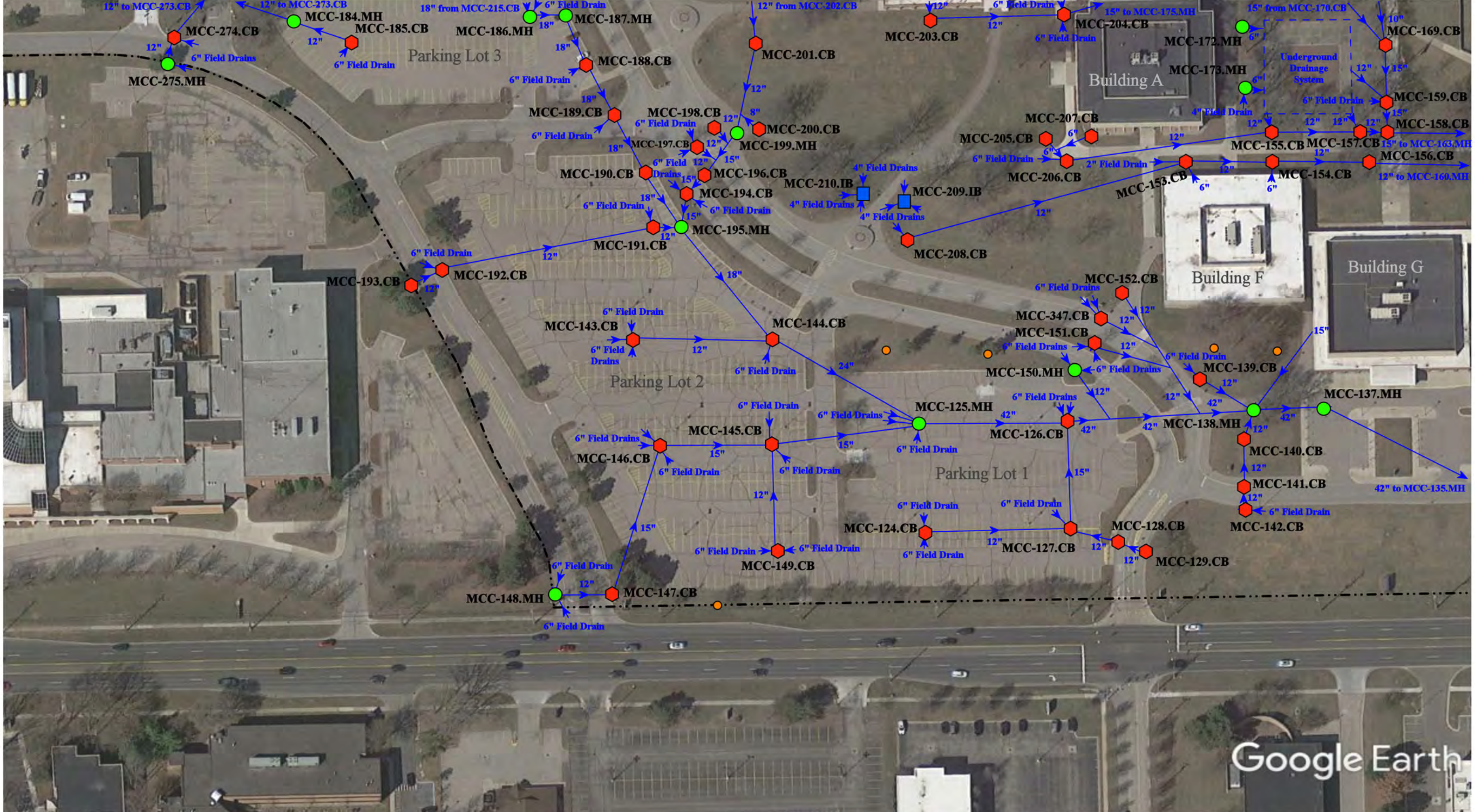
44575 Garfield Road, Clinton Township, Michigan 48083

North

**Center Campus**  
Macomb Community College

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 12/14/2022   |
| Drawn by:       | CJ           |
| Reviewed:       | KD           |
| Page #:         | 7 of 9       |
| Scale:          | Not to Scale |



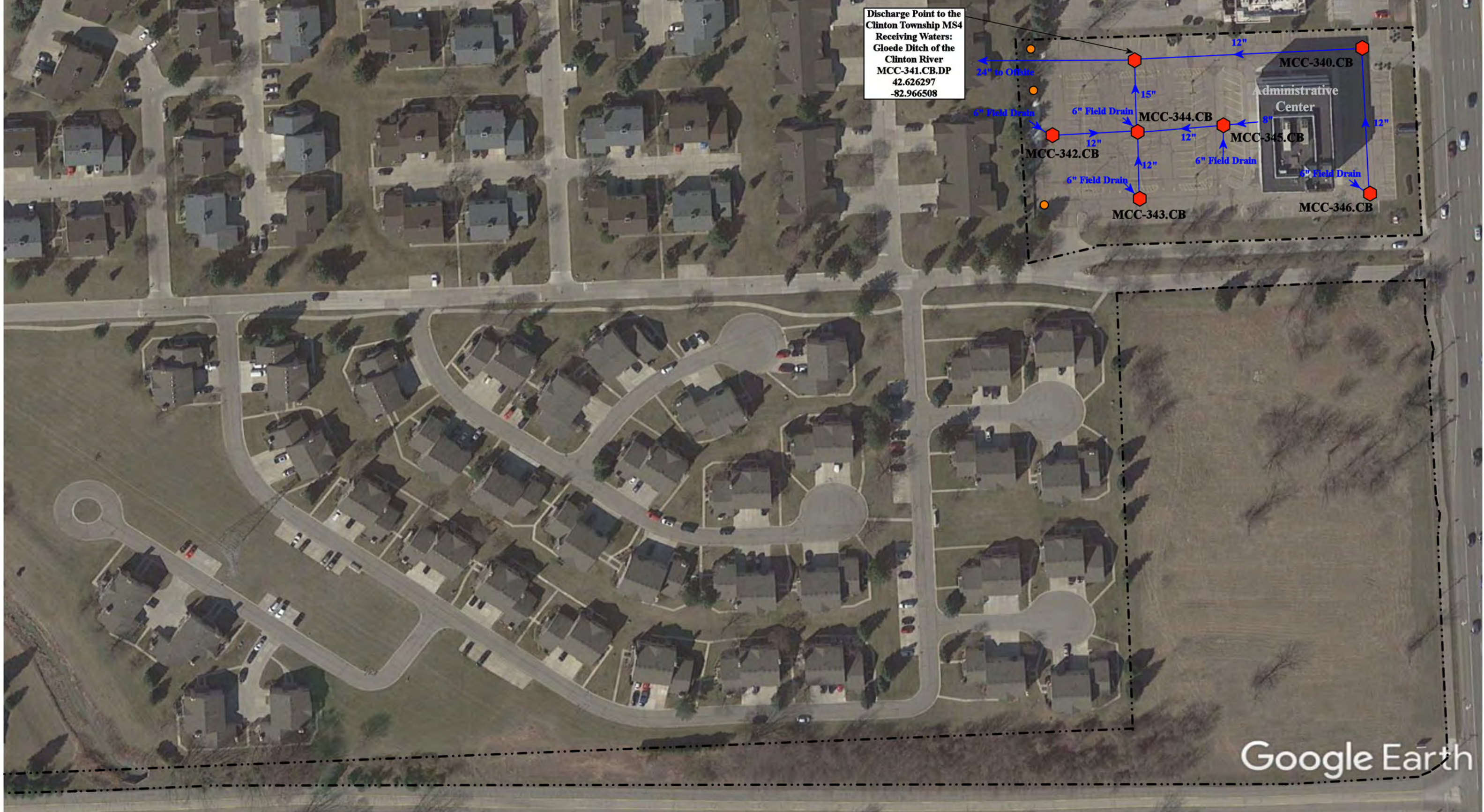
44575 Garfield Road, Clinton Township, Michigan 48083

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

North

|                                                        |  |                |              |
|--------------------------------------------------------|--|----------------|--------------|
| <h2>Center Campus</h2> <p>Macomb Community College</p> |  | Revision Date: | 12/14/2022   |
|                                                        |  | Drawn by:      | CJ           |
|                                                        |  | Reviewed:      | KD           |
|                                                        |  | Page #:        | 8 of 9       |
|                                                        |  | Scale:         | Not to Scale |

37720 Interchange Drive  
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Fax: 248-427-0305



Discharge Point to the Clinton Township MS4 Receiving Waters: Gloede Ditch of the Clinton River  
 MCC-341.CB.DP  
 42.626297  
 -82.966508

Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System
- - - = Property Lines



44575 Garfield Road, Clinton Township, Michigan, 48038

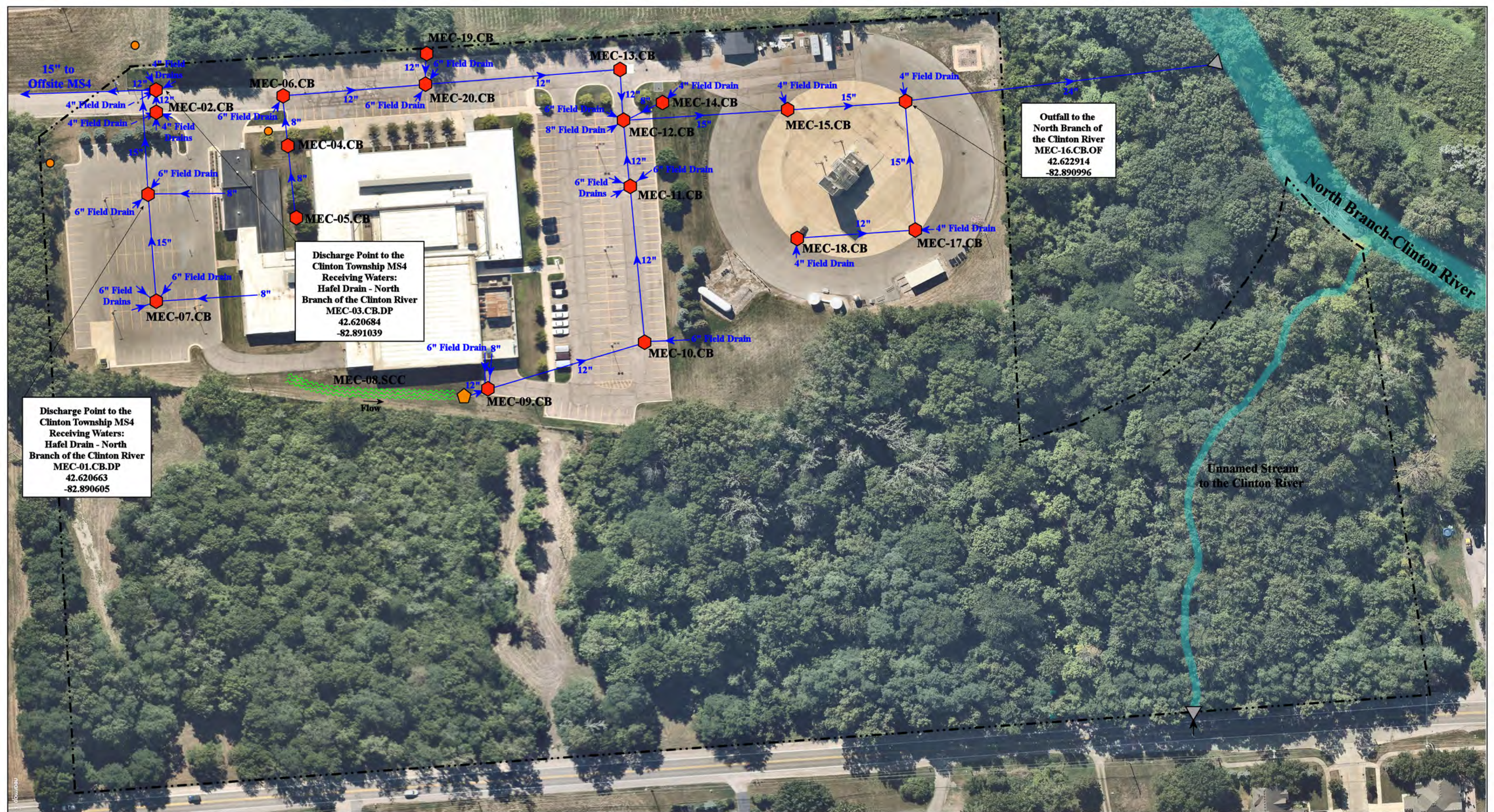
## Center Campus

Macomb Community College



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 11/30/2022   |
| Drawn by:       | CJ           |
| Reviewed:       | KD           |
| Page #:         | 9 of 9       |
| Scale:          | Not to Scale |



Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Hafel Drain - North  
 Branch of the Clinton River  
 MEC-01.CB.DP  
 42.620663  
 -82.890605

Discharge Point to the Clinton Township MS4  
 Receiving Waters:  
 Hafel Drain - North  
 Branch of the Clinton River  
 MEC-03.CB.DP  
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 -82.891039

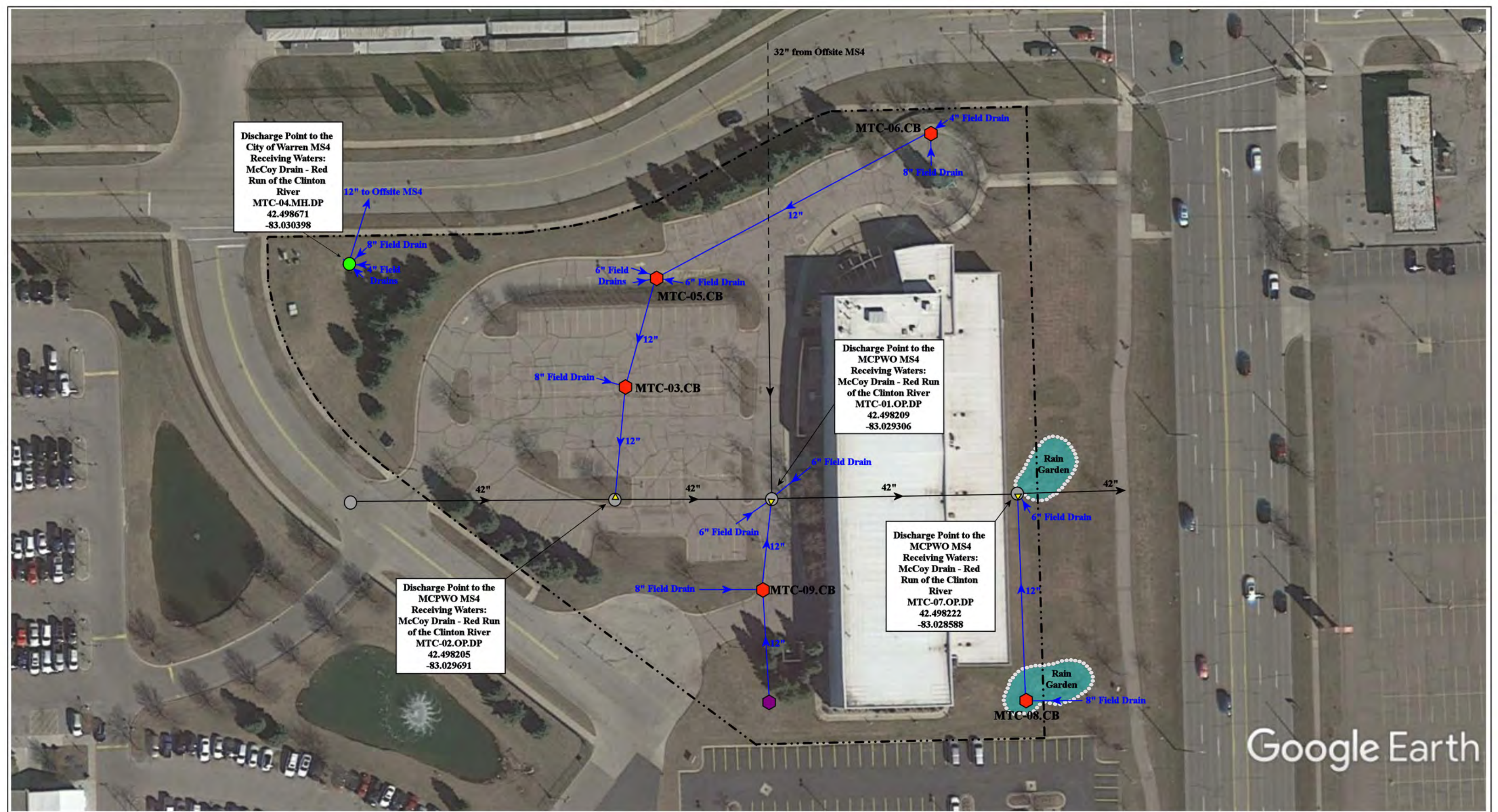
Outfall to the North Branch of the Clinton River  
 MEC-16.CB.OF  
 42.622914  
 -82.890996

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



21901 Dunham Road, Clinton Township, MI 48036

|                                                                                                                                        |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <h2 style="margin: 0;">East Campus</h2> <p style="margin: 0;">Macomb Community College</p>                                             | <p>Revision Date: 09/19/2022</p> <p>Drawn by: EMB</p> <p>Reviewed: KD</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p> |
| <p>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</p> |                                                                                                                            |



Google Earth

7900 Tank Avenue, Warren, Michigan 48092

# M-TEC Campus

Macomb Community College



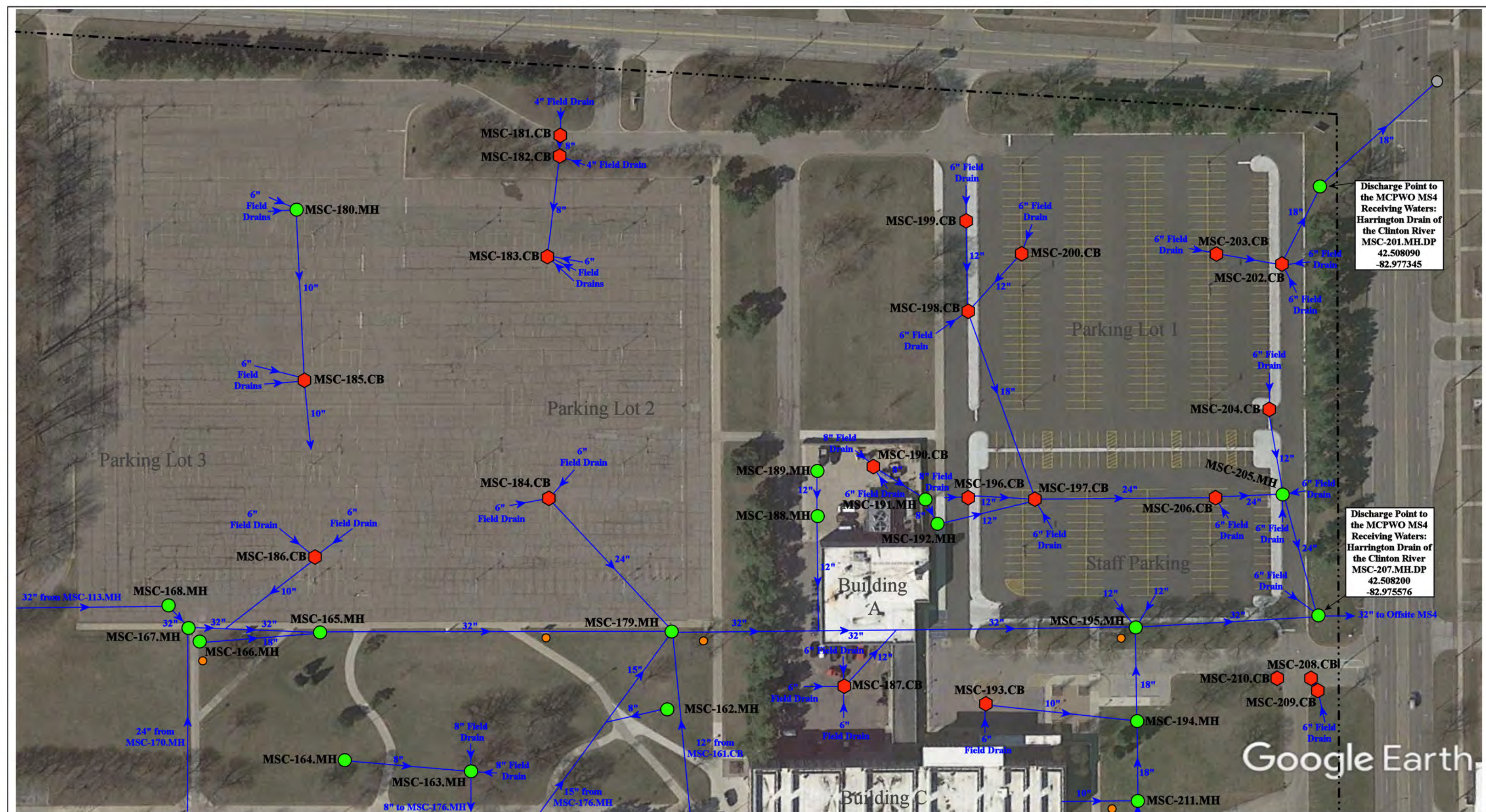
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

|                 |              |
|-----------------|--------------|
| Revision Date : | 09/29/2022   |
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| Reviewed:       | KD           |
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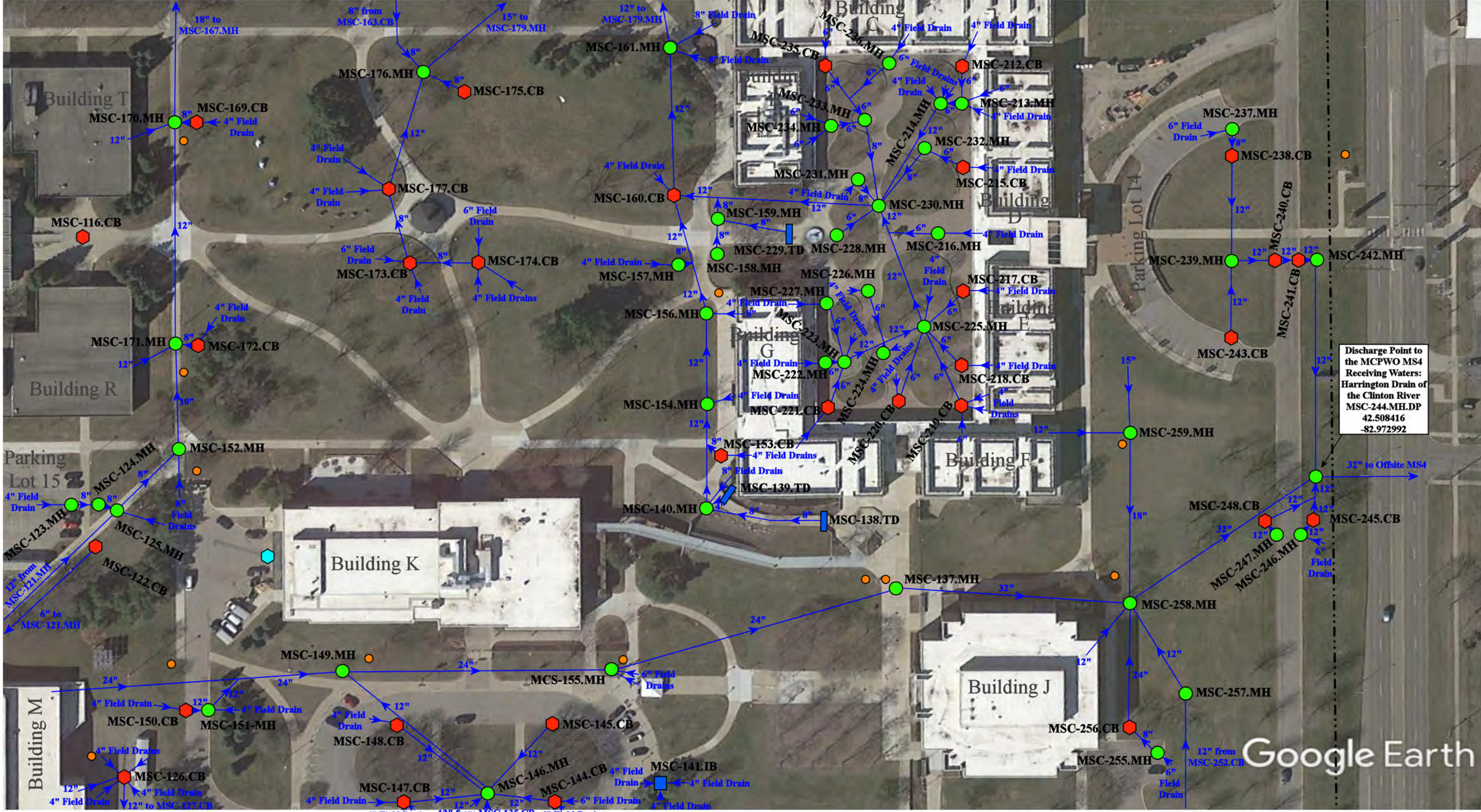




14500 E. 12 Mile Road, Warren, Michigan 48088

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | <b>Conveyance Channel</b>      |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

|           |                          |                                                                                                   |                 |              |
|-----------|--------------------------|---------------------------------------------------------------------------------------------------|-----------------|--------------|
| North<br> | <b>South Campus</b>      |                                                                                                   | Revision Date : | 09/08/2022   |
|           | Macomb Community College |                                                                                                   | Drawn by:       | KD           |
|           |                          |                                                                                                   | Reviewed:       | BK           |
|           |                          | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #:         | 1 of 6       |
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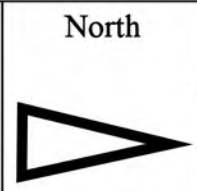


Discharge Point to  
the MCPWO MS4  
Receiving Waters:  
Harrington Drain of  
the Clinton River  
MSC-244.MH.DP  
42.508416  
-82.972992

Google Earth

14500 E. 12 Mile Road, Warren, Michigan 48088

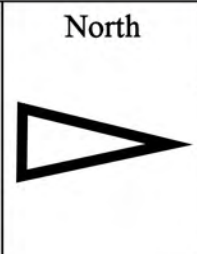
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- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- = Oil/Water Separator
- = Property Lines




|                                                                                                   |  |                            |
|---------------------------------------------------------------------------------------------------|--|----------------------------|
| <h2>South Campus</h2>                                                                             |  | Revision Date : 09/10/2022 |
| Macomb Community College                                                                          |  | Drawn by: KD               |
|                                                                                                   |  | Reviewed: BK               |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Page #: 2 of 6             |
|                                                                                                   |  | Scale: Not to Scale        |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                       |                                                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 14500 E. 12 Mile Road, Warren, Michigan 48088                                         |                                                                                                   |
| <b>South Campus</b>                                                                   |                                                                                                   |
| Macomb Community College                                                              |                                                                                                   |
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date :                                                                       | 09/10/2022                                                                                        |
| Drawn by:                                                                             | KD                                                                                                |
| Reviewed:                                                                             | BK                                                                                                |
| Page #:                                                                               | 3 of 6                                                                                            |
| Scale:                                                                                | Not to Scale                                                                                      |



Discharge Point to the MCPWO MS4 Receiving Waters: Harrington Drain of the Clinton River  
 MSC-65.MH.DP  
 42.501652  
 -82.970842

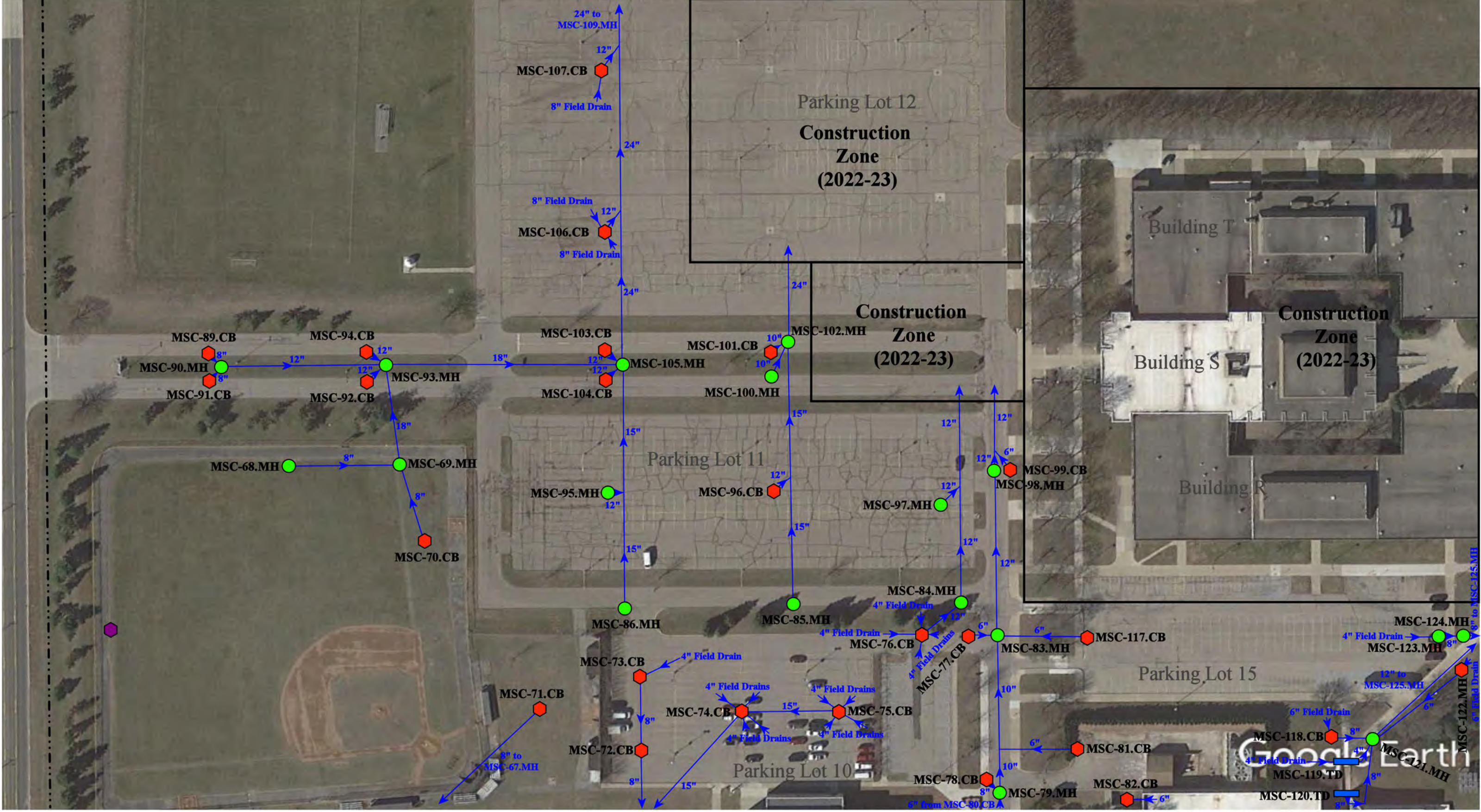
Discharge Point to the MCPWO MS4 Receiving Waters: Harrington Drain of the Clinton River  
 MSC-64.MH.DP  
 42.501713  
 -82.969794

14500 E. 12 Mile Road, Warren, Michigan 48088

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- ▨ = Underground Detention System

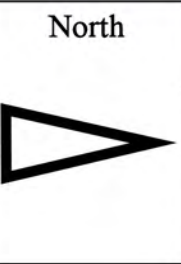


|                                                                                                   |  |                           |
|---------------------------------------------------------------------------------------------------|--|---------------------------|
| <h2>South Campus</h2>                                                                             |  | Revision Date: 09/12/2022 |
| Macomb Community College                                                                          |  | Drawn by: KD              |
|                                                                                                   |  | Reviewed: BK              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Page #: 4 of 6            |
|                                                                                                   |  | Scale: Not to Scale       |



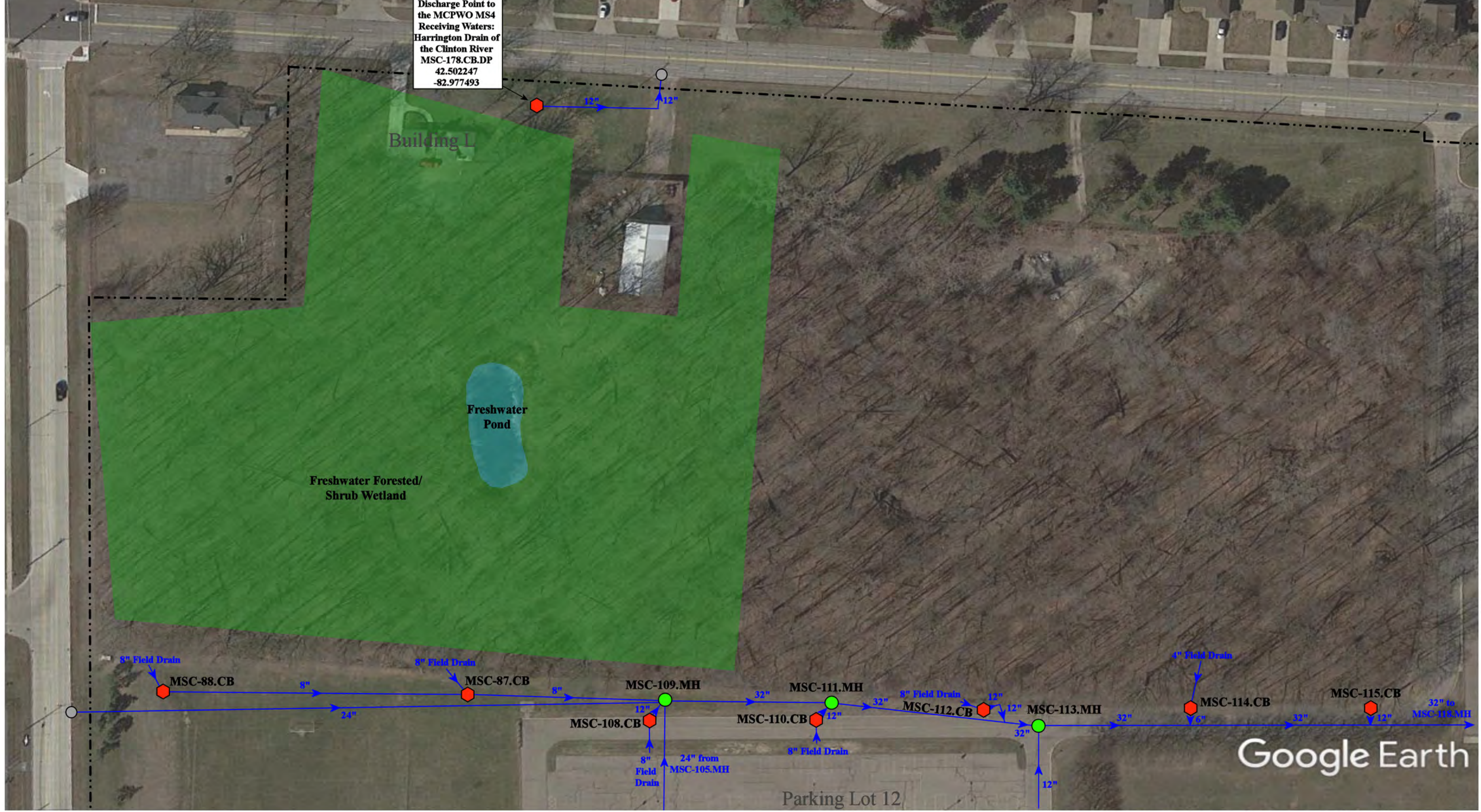
14500 E. 12 Mile Road, Warren, Michigan 48088

- ◻ = Catch Basin
- = Manhole
- ◻ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◻ = Buried Structure
- ◻ = Stabilized Outlet
- ◻ = Pond/Basin
- ◻ = Swale/Stormwater
- ◻ = Basin Drain
- ◻ = Drainage Receptor
- ◻ = Flow Splitter
- ◻ = Conveyance Channel
- ◻ = Offsite MS4
- = Trench Drain
- ◻ = Hydrodynamic Separator
- = Sanitary
- = Property Lines
- = Underground Detention System



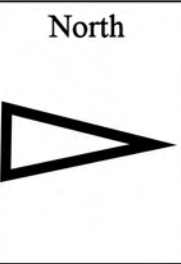
|                                                                                                                     |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| <b>South Campus</b>                                                                                                 |  | Revision Date : | 09/12/2022   |
| Macomb Community College                                                                                            |  | Drawn by:       | KD           |
|                                                                                                                     |  | Reviewed:       | BK           |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:         | 5 of 6       |
|                                                                                                                     |  | Scale:          | Not to Scale |

Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Harrington Drain of  
 the Clinton River  
 MSC-178.CB.DP  
 42.502247  
 -82.977493



14500 E. 12 Mile Road, Warren, Michigan 48088

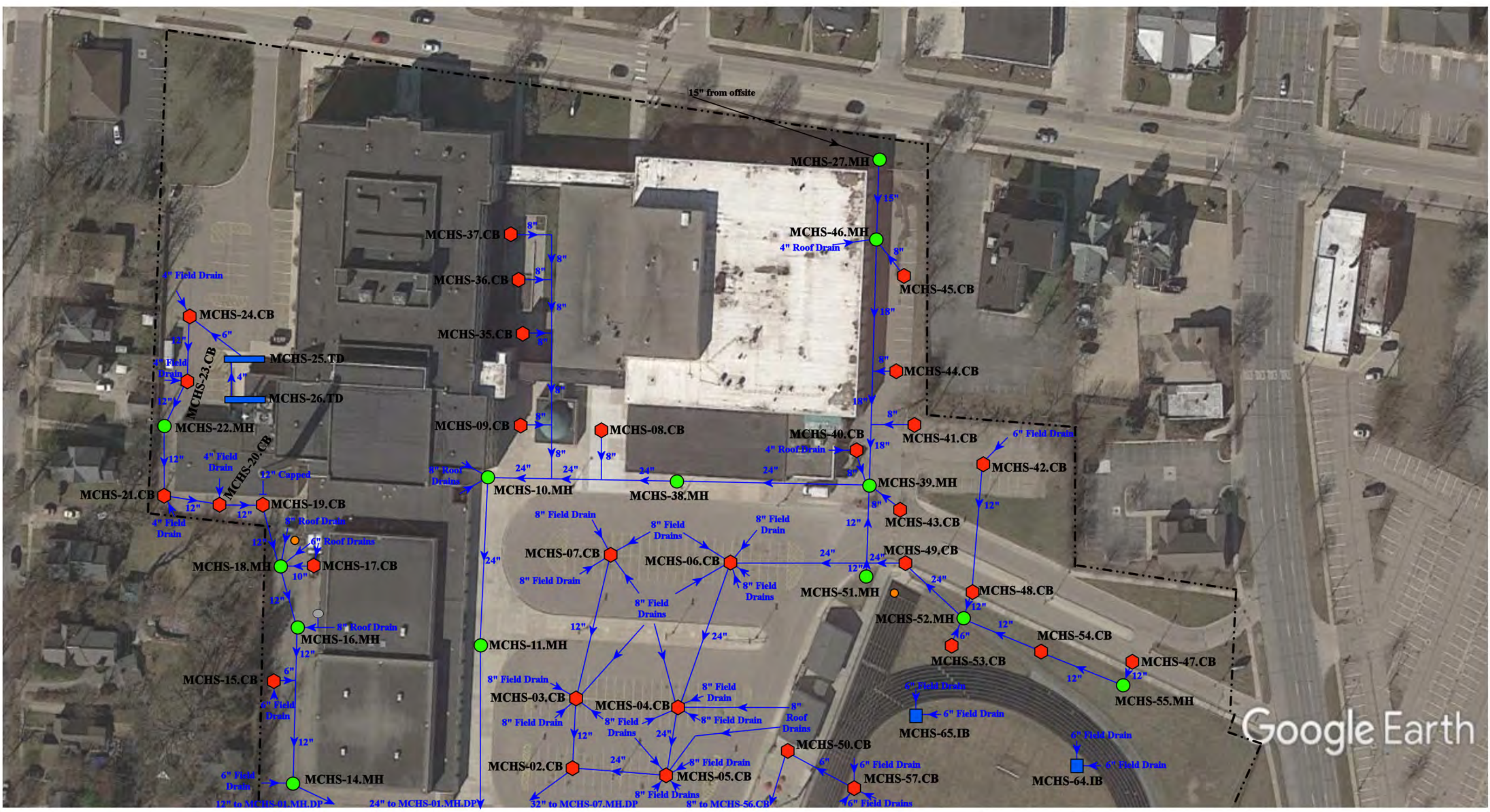
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



|                                                                                                                                                |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| <b>South Campus</b>                                                                                                                            |  | Revision Date : | 09/12/2022   |
| Macomb Community College                                                                                                                       |  | Drawn by:       | KD           |
|                                                                                                                                                |  | Reviewed:       | BK           |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  | Page #:         | 6 of 6       |
|                                                                                                                                                |  | Scale:          | Not to Scale |

## Receiving Waters Table

| Mount Clemens Community Schools                                                  |                              |                                         |            |                                 |                                         |                         |
|----------------------------------------------------------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|-----------------------------------------|-------------------------|
| FACILITY                                                                         | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                        | WATERSHED               |
| <b>Mount Clemens High School<br/>and Mount Clemens Middle<br/>School Complex</b> | MCHS-01.MH.DP                | 42.595540                               | -82.883773 | City of Mount Clemens MS4       | Cranberry Marsh Drain-<br>Clinton River | Clinton River Watershed |
|                                                                                  | MCHS-28.MH.DP                | 42.595225                               | -82.884511 | City of Mount Clemens MS4       | Cranberry Marsh Drain-<br>Clinton River | Clinton River Watershed |
|                                                                                  | MCHS-30.MH.DP                | 42.595136                               | -82.883216 | City of Mount Clemens MS4       | Cranberry Marsh Drain-<br>Clinton River | Clinton River Watershed |
| <b>M.L. King Jr. Early Childhood</b>                                             | MCEC-08.MH.DP                | 42.586597                               | -82.875314 | City of Mount Clemens MS4       | Clinton River                           | Clinton River Watershed |
|                                                                                  | MCEC-20.CB.DP                | 42.587474                               | -82.876712 | City of Mount Clemens MS4       | Clinton River                           | Clinton River Watershed |
| <b>Seminole Academy (K-5)</b>                                                    | MCSA-01.CB.DP                | 42.580317                               | -82.898299 | City of Mount Clemens MS4       | Cranberry Marsh Drain-<br>Clinton River | Clinton River Watershed |
|                                                                                  | MCSA-18.OP.DP                | 42.581965                               | -82.900457 | City of Mount Clemens MS4       | Harrington Drain                        | Clinton River Watershed |
|                                                                                  | MCSA-36.SCC.DP               | 42.579205                               | -82.899304 | City of Mount Clemens MS4       | Harrington Drain                        | Clinton River Watershed |
| <b>Washington Elementary<br/>School</b>                                          | MCWE-07.CB.DP                | 42.606790                               | -82.894935 | City of Mount Clemens MS4       | Cranberry Marsh Drain-<br>Clinton River | Clinton River Watershed |



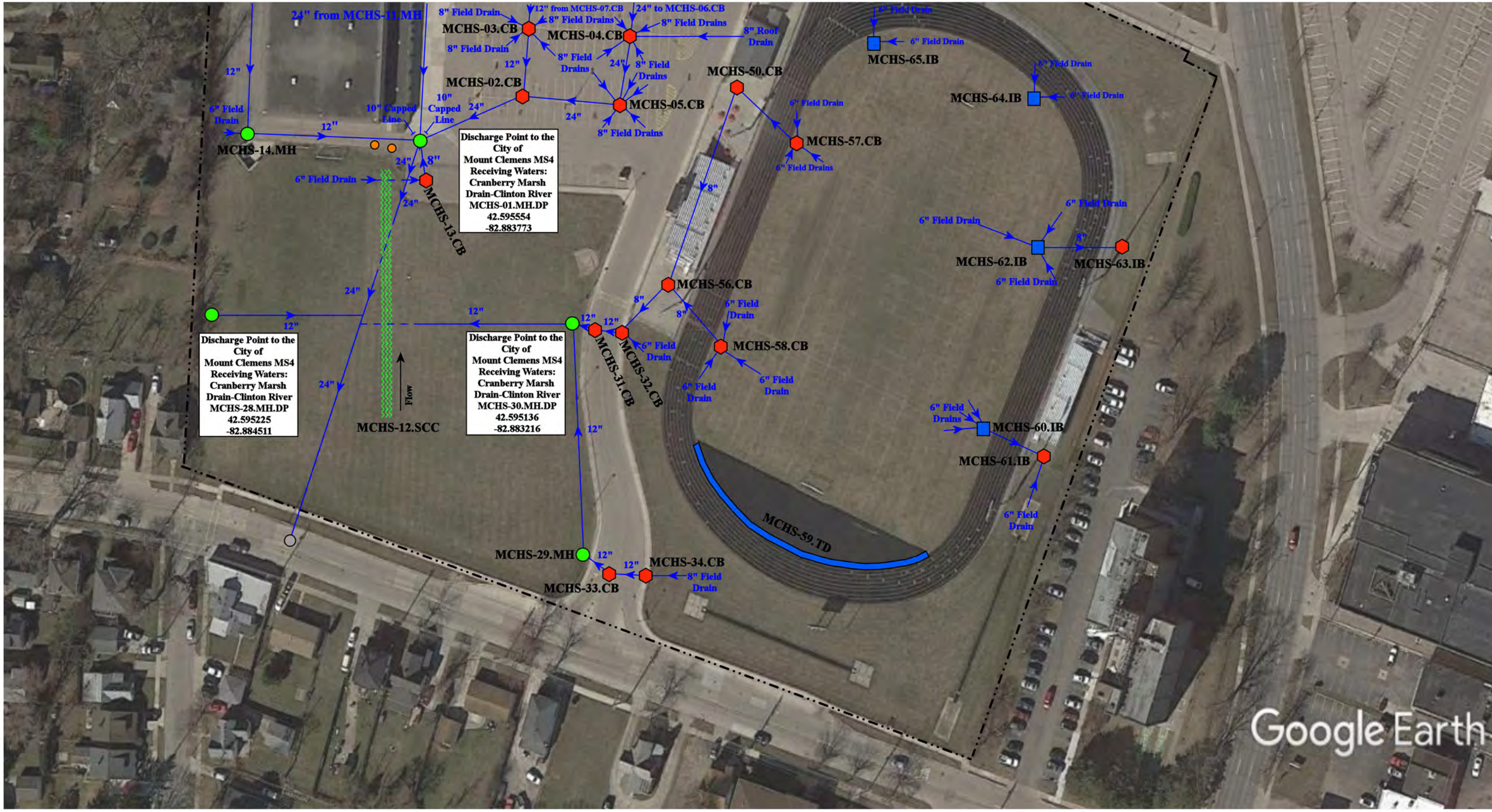
Google Earth

- ◻ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ▣ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◻ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◻ = Buried Structure
- ◻ = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                    |                                                                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 155 Cass Avenue, Mount Clemens, MI 48043/ 167 Cass Avenue, Mount Clemens, MI 48043 |                                                                                                   |
| <b>Mount Clemens High School - Mount Clemens Middle School Complex</b>             |                                                                                                   |
| Mount Clemens Community Schools                                                    |                                                                                                   |
|                                                                                    | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date:                                                                     | 1/1/2022                                                                                          |
| Drawn by:                                                                          | MRW                                                                                               |
| Reviewed:                                                                          | EG                                                                                                |
| Page #:                                                                            | 1 of 1                                                                                            |
| Scale:                                                                             | Not to Scale                                                                                      |



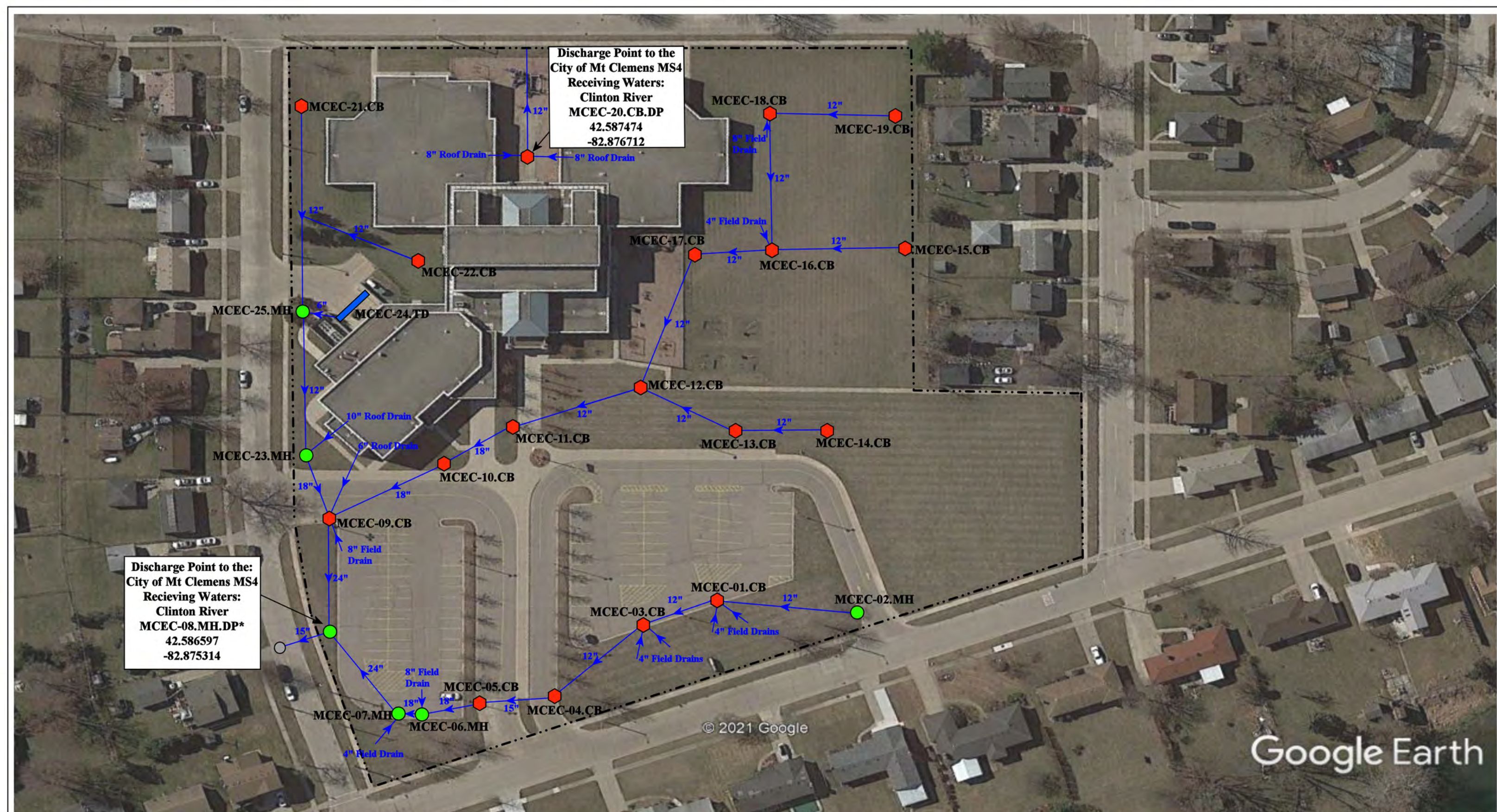


Google Earth

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ⬡ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ⬡ = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- ▨ = Underground Detention System



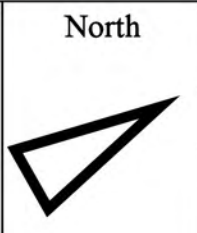
|                                                                                                   |                         |
|---------------------------------------------------------------------------------------------------|-------------------------|
| 155 Cass Avenue, Mount Clemens, MI 48043/ 167 Cass Avenue, Mount Clemens, MI 48043                |                         |
| Mount Clemens High School - Mount Clemens                                                         | Revision Date: 1/1/2022 |
| Middle School Complex                                                                             | Drawn by: MRW           |
| Mount Clemens Community Schools                                                                   | Reviewed: EG            |
|                                                                                                   | Page #: 2 of 2          |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Scale: Not to Scale     |



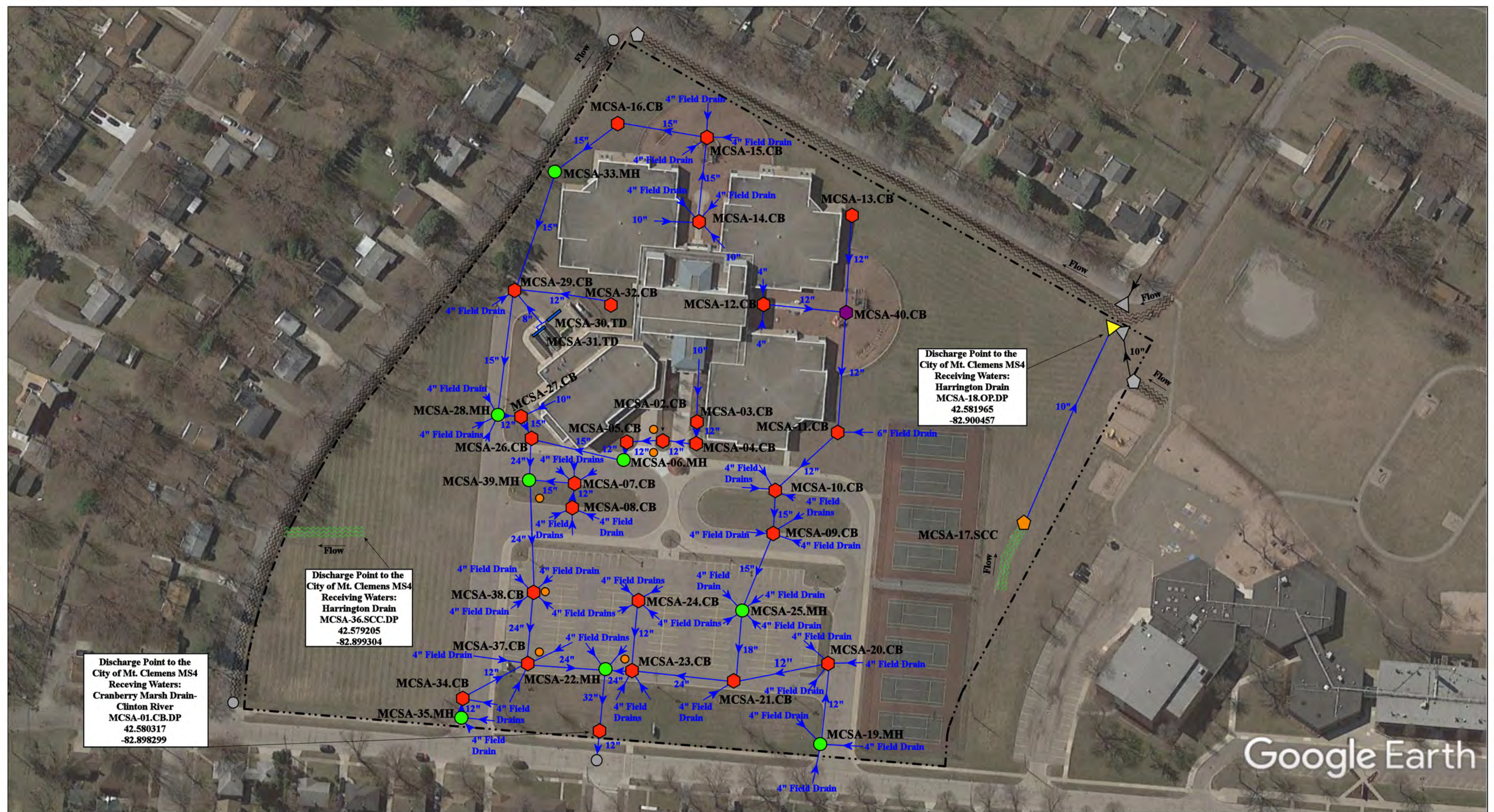
Discharge Point to the  
City of Mt Clemens MS4  
Receiving Waters:  
Clinton River  
MCEC-20.CB.DP  
42.587474  
-82.876712

Discharge Point to the:  
City of Mt Clemens MS4  
Receiving Waters:  
Clinton River  
MCEC-08.MH.DP\*  
42.586597  
-82.875314

- ◆ = Catch Basin
- = Manhole
- - - - = Property Lines
- ▬ = Trench Drain



|                                                                                                   |                           |
|---------------------------------------------------------------------------------------------------|---------------------------|
| 400 Clinton River Drive, Mount Clemens, Michigan 48043                                            |                           |
| <b>ML King Jr Early Childhood</b>                                                                 | Revision Date: 01/20/2022 |
| Mt. Clemens Community Schools                                                                     | Drawn by: EB              |
|                                                                                                   | Reviewed: CJ              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 1 of 1            |
|                                                                                                   | Scale: Not to Scale       |

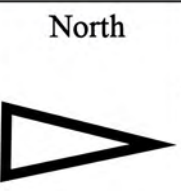


Discharge Point to the City of Mt. Clemens MS4  
 Receiving Waters:  
 Cranberry Marsh Drain-Clinton River  
 MCSA-01.CB.DP  
 42.580317  
 -82.898299

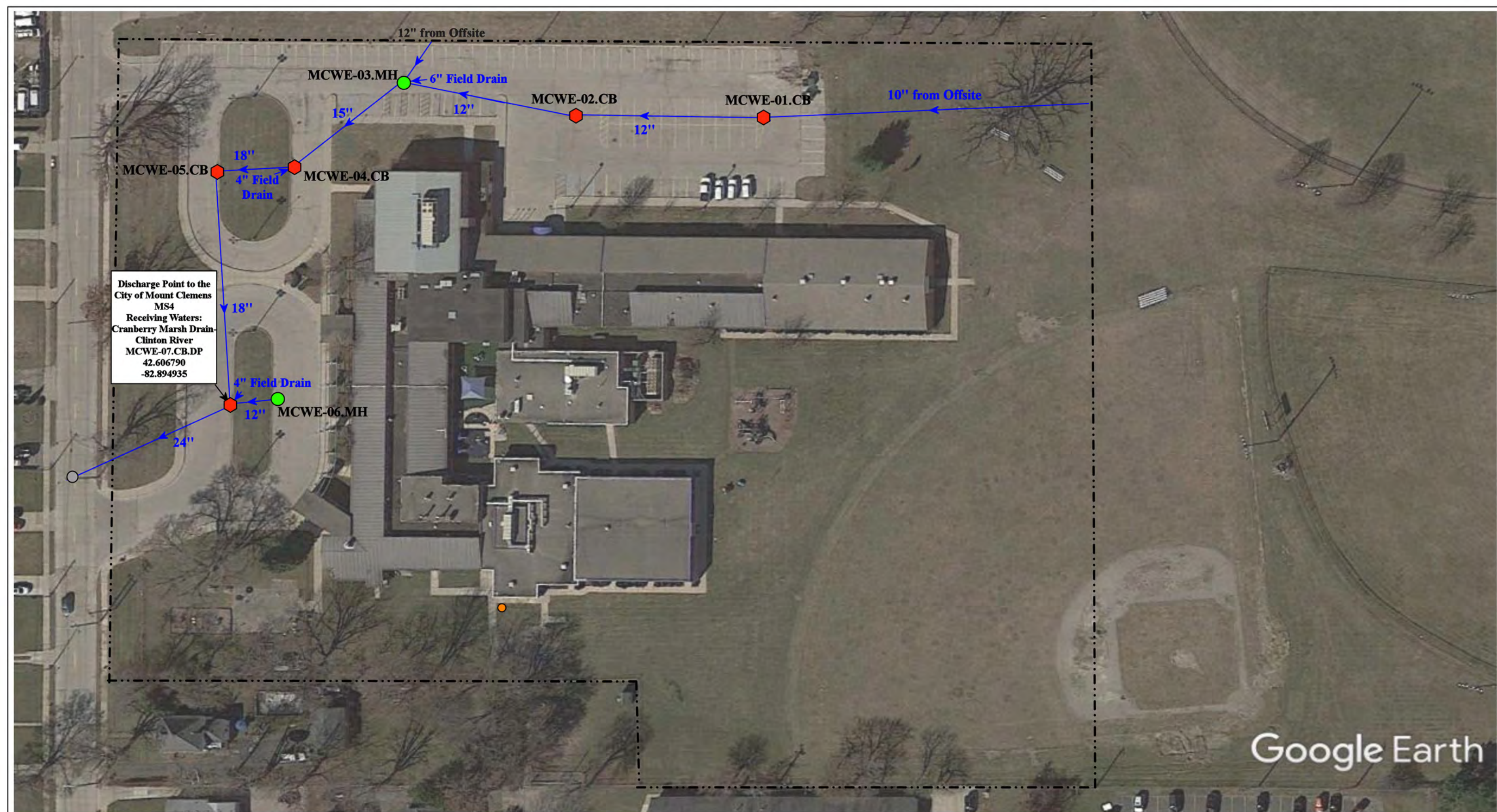
Discharge Point to the City of Mt. Clemens MS4  
 Receiving Waters:  
 Harrington Drain  
 MCSA-36.SCC.DP  
 42.579205  
 -82.899304

Discharge Point to the City of Mt. Clemens MS4  
 Receiving Waters:  
 Harrington Drain  
 MCSA-18.OP.DP  
 42.581965  
 -82.900457

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



|                                                                                                                                                |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 1500 Mulberry Street, Mount Clemens, MI 48083                                                                                                  |  | Revision Date : | 8/11/2022    |
| <b>Seminole Academy</b>                                                                                                                        |  | Drawn by:       | SF           |
| Mount Clemens Community Schools                                                                                                                |  | Reviewed:       | BJK          |
|                                                                                                                                                |  | Page #:         | 1 of 1       |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  | Scale:          | Not to Scale |



Discharge Point to the City of Mount Clemens MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 Clinton River  
 MCWE-07.CB.DP  
 42.606790  
 -82.894935

- ◆ = Catch Basin
- = Manhole
- = Property Lines
- = Sainitary
- = Offsite MS4



|                                                                                                   |                           |
|---------------------------------------------------------------------------------------------------|---------------------------|
| 196 N. Rose Street, Mount Clemens, Michigan, 48043                                                |                           |
| <b>Washington Elementary School</b>                                                               | Revision Date: 01-21-2022 |
| Mount Clemens Community Schools                                                                   | Drawn by: WM              |
|                                                                                                   | Reviewed: EG              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 1 of 1            |
|                                                                                                   | Scale: Not to Scale       |

## Receiving Waters Table

| New Haven Community Schools                                     |                           |                                      |                          |                              |                               |                          |
|-----------------------------------------------------------------|---------------------------|--------------------------------------|--------------------------|------------------------------|-------------------------------|--------------------------|
| FACILITY                                                        | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |                          | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS              | WATERSHED                |
| Administration Building/Bus Garage                              | NHA-01.CB.DP              | 42.734274                            | -82.807515               | City of New Haven MS4        | Salt River                    | Anchor Bay               |
|                                                                 | NHA-03.MH.OF              | 42.734194                            | -82.807726               | Surface Waters of the State  | Shook Drain of the Salt River | Anchor Bay               |
|                                                                 | NHA-29.CB.OF              | 42.735629                            | -82.807532               | Surface Waters of the State  | Shook Drain of the Salt River | Anchor Bay               |
| E.F. Sifert Elementary School                                   | N/A - Non Urbanized Area  | N/A - Non Urbanized Area             | N/A - Non Urbanized Area | N/A - Non Urbanized Area     | N/A - Non Urbanized Area      | N/A - Non Urbanized Area |
| Endeavour Elementary School and Endeavour Middle School Complex | N/A - Non Urbanized Area  | N/A - Non Urbanized Area             | N/A - Non Urbanized Area | N/A - Non Urbanized Area     | N/A - Non Urbanized Area      | N/A - Non Urbanized Area |
| New Haven Elementary School and New Haven High School Complex   | NHEH-01.MH.DP             | 42.724610                            | -82.792497               | Village of New Haven MS4     | Shook Drain of the Salt River | Anchor Bay               |
|                                                                 | NHEH-02.OP.OF             | 42.724693                            | -82.787429               | Surface Waters of the State  | Salt River                    | Anchor Bay               |
|                                                                 | NHEH-55.SCC.OF            | 42.723114                            | -82.792611               | Surface Waters of the State  | Shook Drain of the Salt River | Anchor Bay               |
|                                                                 | NHEH-69.DP.OF             | 42.725629                            | -82.786436               | Surface Waters of the State  | Salt River                    | Anchor Bay               |
|                                                                 | NHEH-83.OP.OF             | 42.723090                            | -82.792338               | Surface Waters of the State  | Shook Drain of the Salt River | Anchor Bay               |



Google Earth

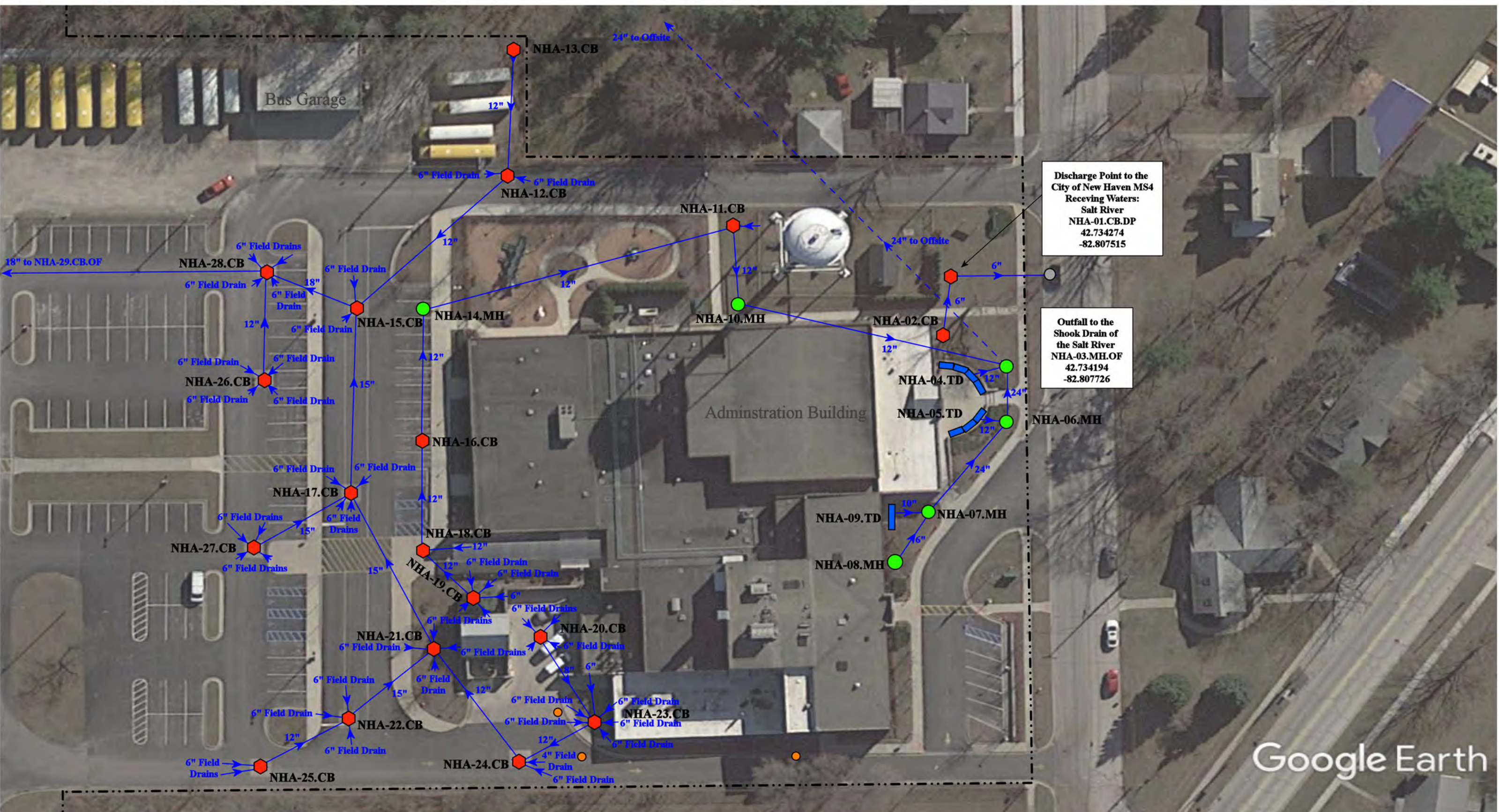
30375 Clark St, New Haven, MI 48048

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                                          |  |                 |              |
|------------------------------------------|--|-----------------|--------------|
| <b>Adminstration Building/Bus Garage</b> |  | Revision Date : | 07/21/2023   |
| New Haven Community Schools              |  | Drawn by:       | CJ           |
|                                          |  | Reviewed:       | KD           |
|                                          |  | Page #:         | 1 of 2       |
|                                          |  | Scale:          | Not to Scale |

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



Discharge Point to the City of New Haven MS4 Receiving Waters: Salt River  
 NHA-01.CB.DP  
 42.734274  
 -82.807515

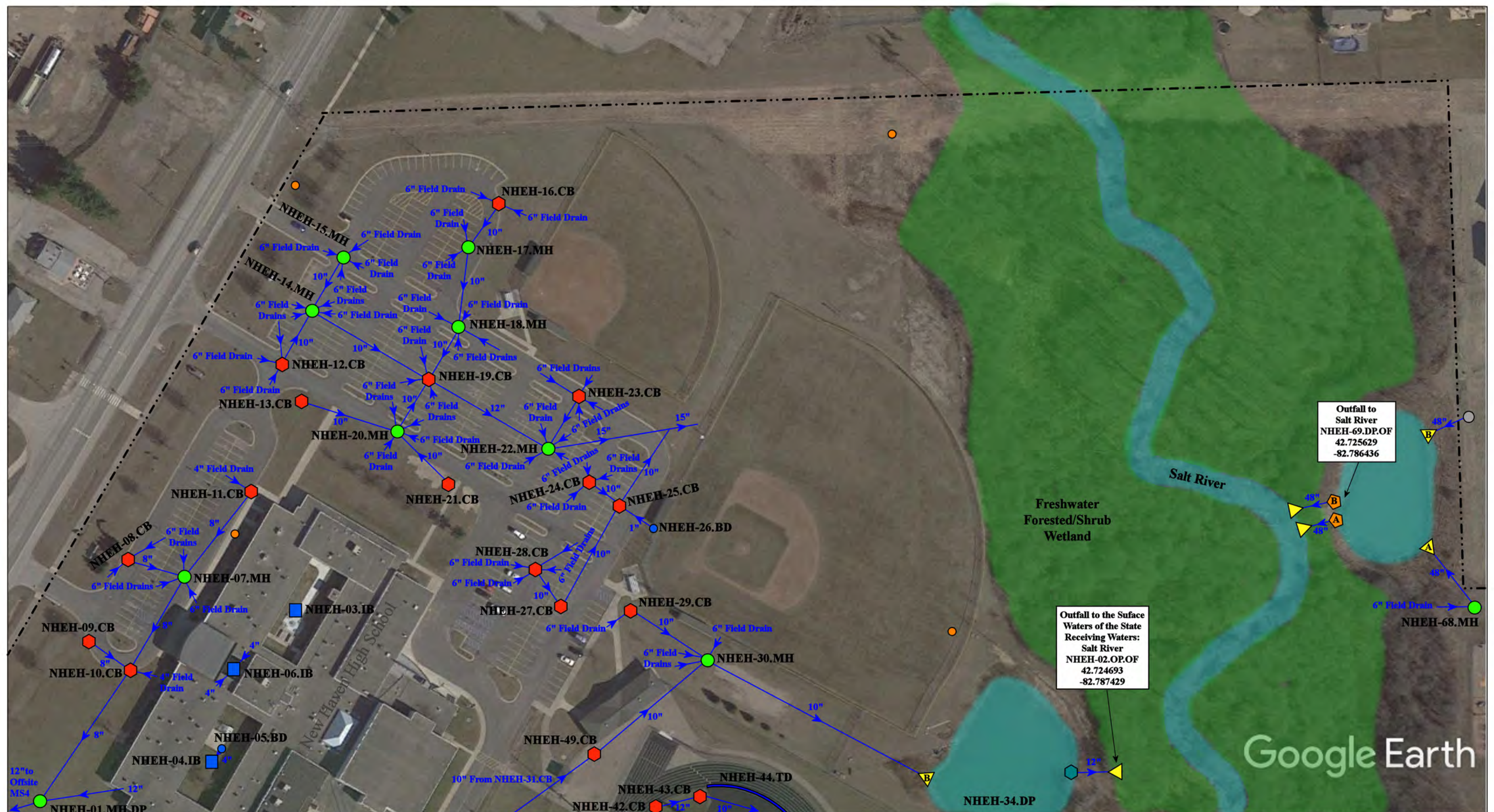
Outfall to the Shook Drain of the Salt River  
 NHA-03.MH.OF  
 42.734194  
 -82.807726

Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



|                                                                                                                                                |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 30375 Clark St, New Haven, MI 48048                                                                                                            |  | Revision Date : | 07/21/2023   |
| <b>Adminstration Building/Bus Garage</b>                                                                                                       |  | Drawn by:       | CJ           |
| New Haven Community Schools                                                                                                                    |  | Reviewed:       | KD           |
|                                                                                                                                                |  | Page #:         | 2 of 2       |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  | Scale:          | Not to Scale |



High School: 57700 Gratiot Ave, New Haven, MI 48048

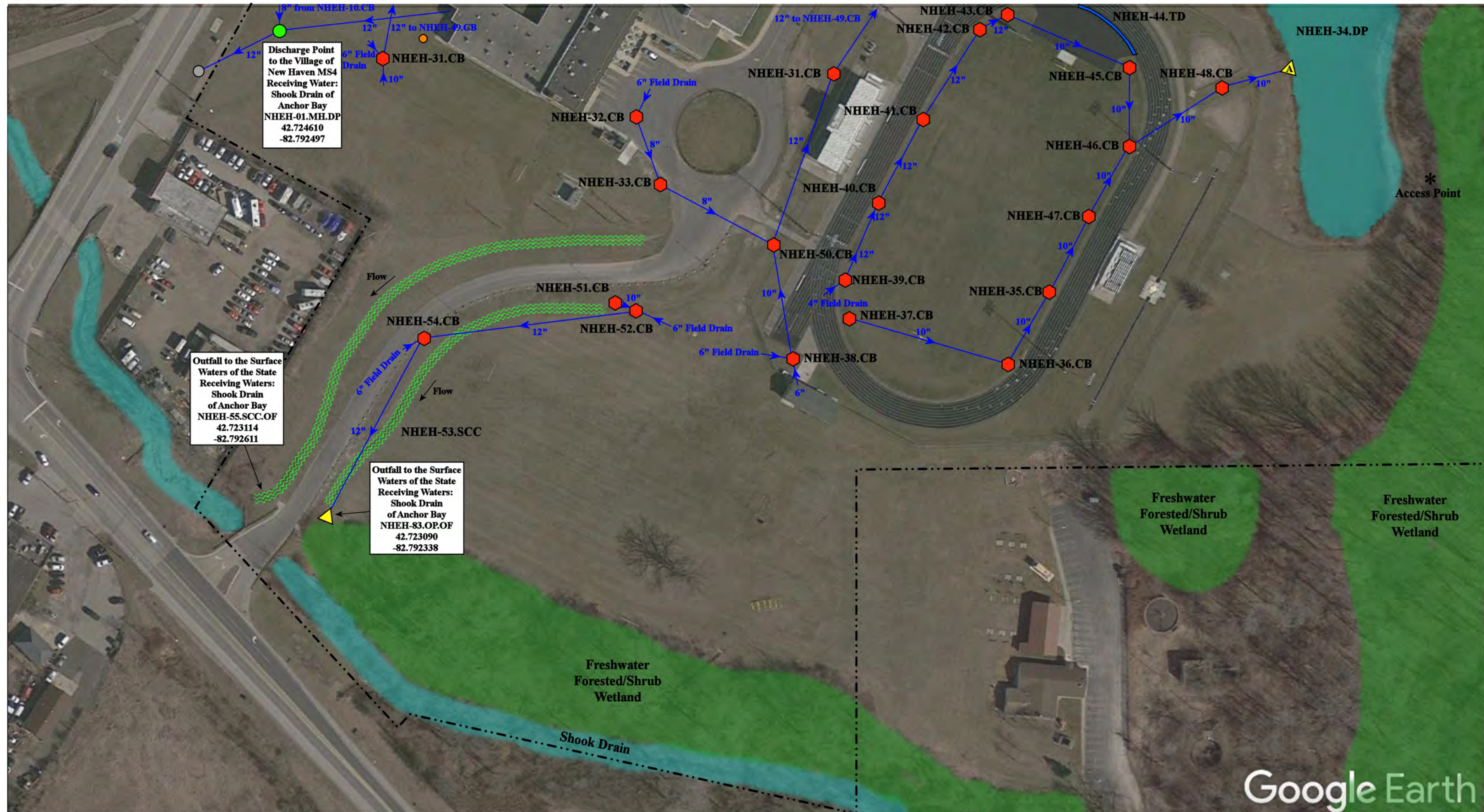
Elementary School: 57701 Gratiot Ave, New Haven, MI 48048

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ⬡ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- ⬡ = Pond/Basin
- ⬡ = Swale/Stormwater Conveyance Channel
- ⬡ = Underground Detention System



|                                                                                                   |                                                               |                           |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------|
|                                                                                                   | New Haven Elementary School-<br>New Haven High School Complex | Revision Date : 5/11/2023 |
|                                                                                                   | New Haven Community Schools                                   | Drawn by: KD              |
|                                                                                                   |                                                               | Reviewed: LK              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |                                                               | Page #: 1 of 3            |
|                                                                                                   |                                                               | Scale: Not to Scale       |





Discharge Point to the Village of New Haven MS4  
 Receiving Water: Shook Drain of Anchor Bay  
 NHEH-01.MH.DP  
 42.724610  
 -82.792497

Outfall to the Surface Waters of the State  
 Receiving Waters: Shook Drain of Anchor Bay  
 NHEH-55.SCC.OF  
 42.723114  
 -82.792611

Outfall to the Surface Waters of the State  
 Receiving Waters: Shook Drain of Anchor Bay  
 NHEH-83.OP.OF  
 42.723090  
 -82.792338

High School: 57700 Gratiot Ave, New Haven, MI 48048

Elementary School: 57701 Gratiot Ave, New Haven, MI 48048

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|  |                                                                                                   |                           |
|--|---------------------------------------------------------------------------------------------------|---------------------------|
|  | New Haven Elementary School-<br>New Haven High School Complex                                     | Revision Date : 5/11/2023 |
|  | New Haven Community Schools                                                                       | Drawn by: KD              |
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Reviewed: LK              |
|  |                                                                                                   | Page #: 2 of 3            |
|  |                                                                                                   | Scale: Not to Scale       |

Google Earth



Outfall to the Surface Waters of the State  
 Receiving Waters:  
 Salt River  
 NHEH-02.OP.OF  
 42.724693  
 -82.787429

Google Earth

High School: 57700 Gratiot Ave, New Haven, MI 48048

Elementary School: 57701 Gratiot Ave, New Haven, MI 48048

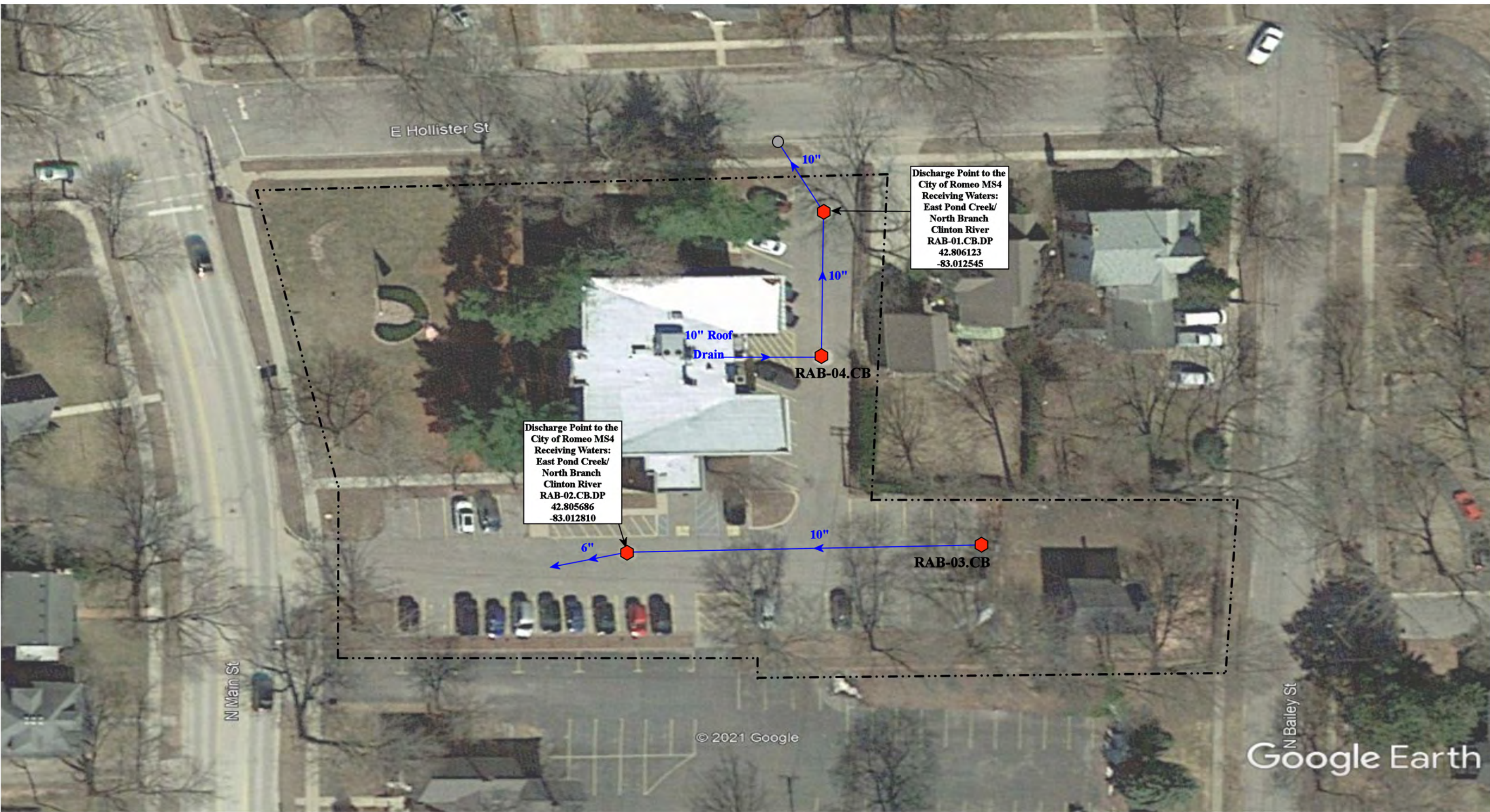
- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
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- ▲ = Drainage Receptor
- = Trench Drain
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System
- = Property Lines



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| New Haven Elementary School-<br>New Haven High School Complex                                                       |  | Revision Date: | 5/11/2023    |
| New Haven Community Schools                                                                                         |  | Drawn by:      | KD           |
|                                                                                                                     |  | Reviewed:      | LK           |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:        | 3 of 3       |
|                                                                                                                     |  | Scale:         | Not to Scale |

## Receiving Waters Table

| Romeo Community Schools                                    |                           |                                      |            |                              |                                                             |               |
|------------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|-------------------------------------------------------------|---------------|
| FACILITY                                                   | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                                            | WATERSHED     |
| Administration Building                                    | RAB-01.CB.DP              | 42.806123                            | -83.012545 | City of Romeo MS4            | East Pond Creek - North Branch of the Clinton River         | Clinton River |
|                                                            | RAB-02.CB.DP              | 42.805686                            | -83.012810 | City of Romeo MS4            | East Pond Creek - North Branch of the Clinton River         | Clinton River |
| Amanda Moore Elementary School                             | RAM-01.CB.DP              | 42.804862                            | -83.008841 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RAM-02.CB.DP              | 42.804976                            | -83.007816 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
| Croswell Early Childhood Center and Transportation Complex | RBG-01.CB.DP              | 42.794236                            | -83.018902 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RBG-02.CB.DP              | 42.794359                            | -83.018884 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RBG-03.CB.DP              | 42.794698                            | -83.019030 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RBG-04.MH.DP              | 42.795842                            | -83.016718 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RBG-31.MH.DP              | 42.795089                            | -83.015556 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
| Former Romeo Middle School                                 | RMS-01.CB.DP              | 42.805457                            | -83.018124 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RMS-02.CB.DP              | 42.804352                            | -83.019450 | City of Romeo MS4            | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
| Hamilton-Parsons Elementary School                         | RHP-01.OP.OF              | 42.806560                            | -83.102982 | Surface Waters of the State  | Stony Creek-North Branch of the Clinton River               | Clinton River |
| Hevel Elementary School                                    | RHE-01.MH.DP              | 42.452178                            | -83.002195 | Washington Township MS4      | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
|                                                            | RHE-02.CB.DP              | 42.451161                            | -83.002085 | Washington Township MS4      | Yates Drain-Middle Branch of the Clinton River              | Clinton River |
| Indian Hills Elementary School                             | RIH-01.CB.DP              | 42.757277                            | -83.034704 | MCPWO                        | Yates Drain-Middle Branch of the Clinton River              | Clinton River |
|                                                            | RIH-02.CB.DP              | 42.757328                            | -83.033240 | MCPWO                        | Yates Drain-Middle Branch of the Clinton River              | Clinton River |
|                                                            | RIH-03.CB.DP              | 42.757407                            | -83.032890 | MCPWO                        | Yates Drain-Middle Branch of the Clinton River              | Clinton River |
| Powell 9th Grade Academy and Romeo High School Complex     | RPM-01.OP.OF              | 42.750599                            | -83.009628 | Surface Waters of the State  | Yates Drain-Middle Branch of the Clinton River              | Clinton River |
| Romeo Middle School                                        | RHS-01.MH.DP              | 42.802484                            | -83.026285 | Bruce Township MS4           | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River |
| Romeo Warehouse Facility                                   | RWF-01.MH.DP              | 42.743651                            | -83.00922  | Washington Township MS4      | Yates Drain-Middle Branch of the Clinton River              | Clinton River |
| Washington Elementary School                               | RWE-01.CB.DP              | 42.721787                            | -83.032632 | MCPWO                        | Brown Drain-Middle Branch of the Clinton River              | Clinton River |



E Hollister St

N Main St

N Bailey St

© 2021 Google

Google Earth



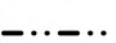
Discharge Point to the City of Romeo MS4  
Receiving Waters:  
East Pond Creek/  
North Branch  
Clinton River  
RAB-01.CB.DP  
42.806123  
-83.012545

Discharge Point to the City of Romeo MS4  
Receiving Waters:  
East Pond Creek/  
North Branch  
Clinton River  
RAB-02.CB.DP  
42.805686  
-83.012810

10" Roof  
Drain

RAB-04.CB

RAB-03.CB

-  = Catch Basin
-  = City of Romeo MS4
-  = Property Lines



316 N. Main St., Romeo, MI 48065

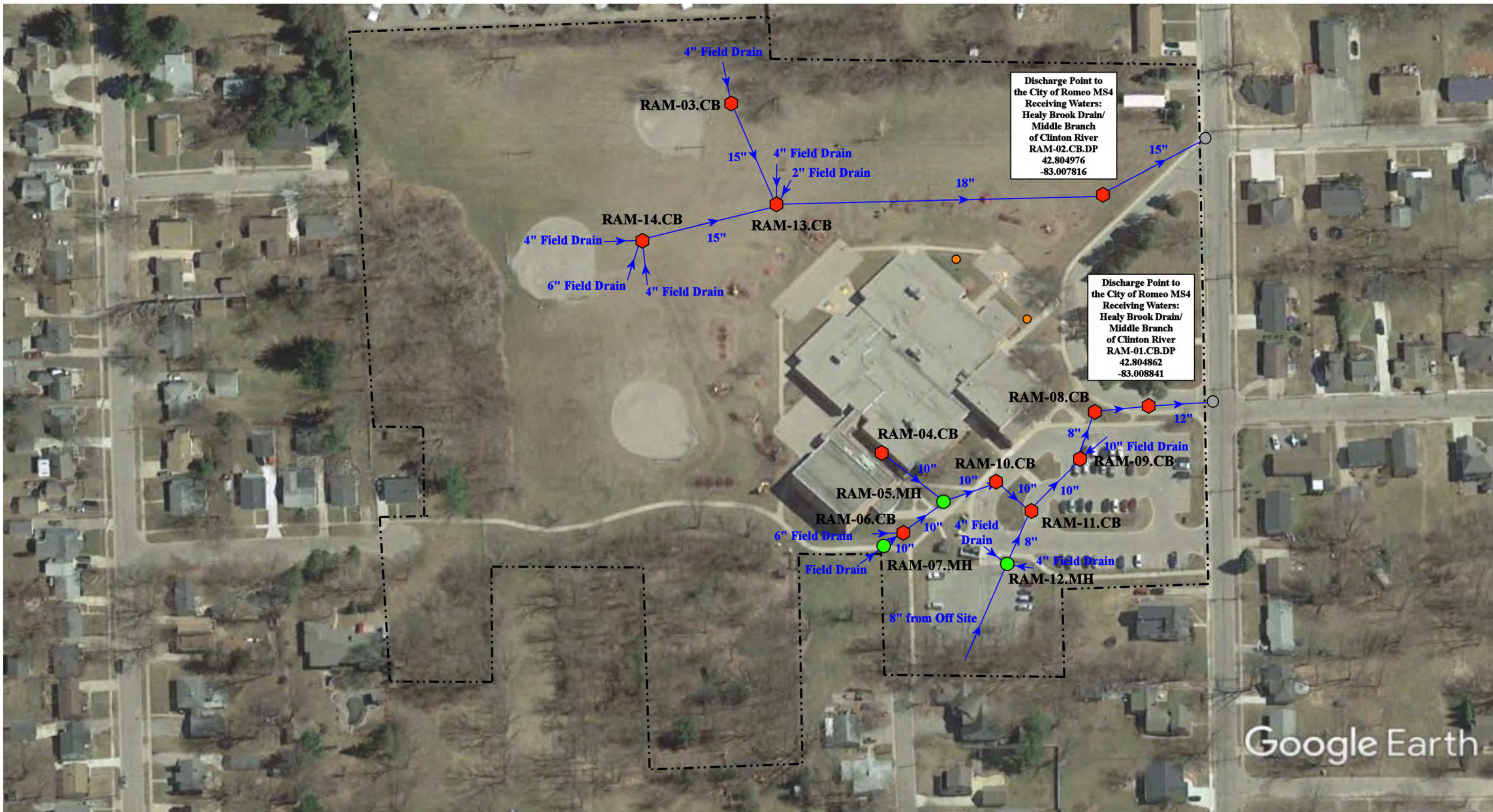
## Administration Building

Romeo Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 06/03/2021   |
| Drawn by:       | MRW          |
| Reviewed:       | LK           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



209 Dickenson St, Romeo, MI 48065

**Amanda Moore Elementary School**

Romeo Community Schools



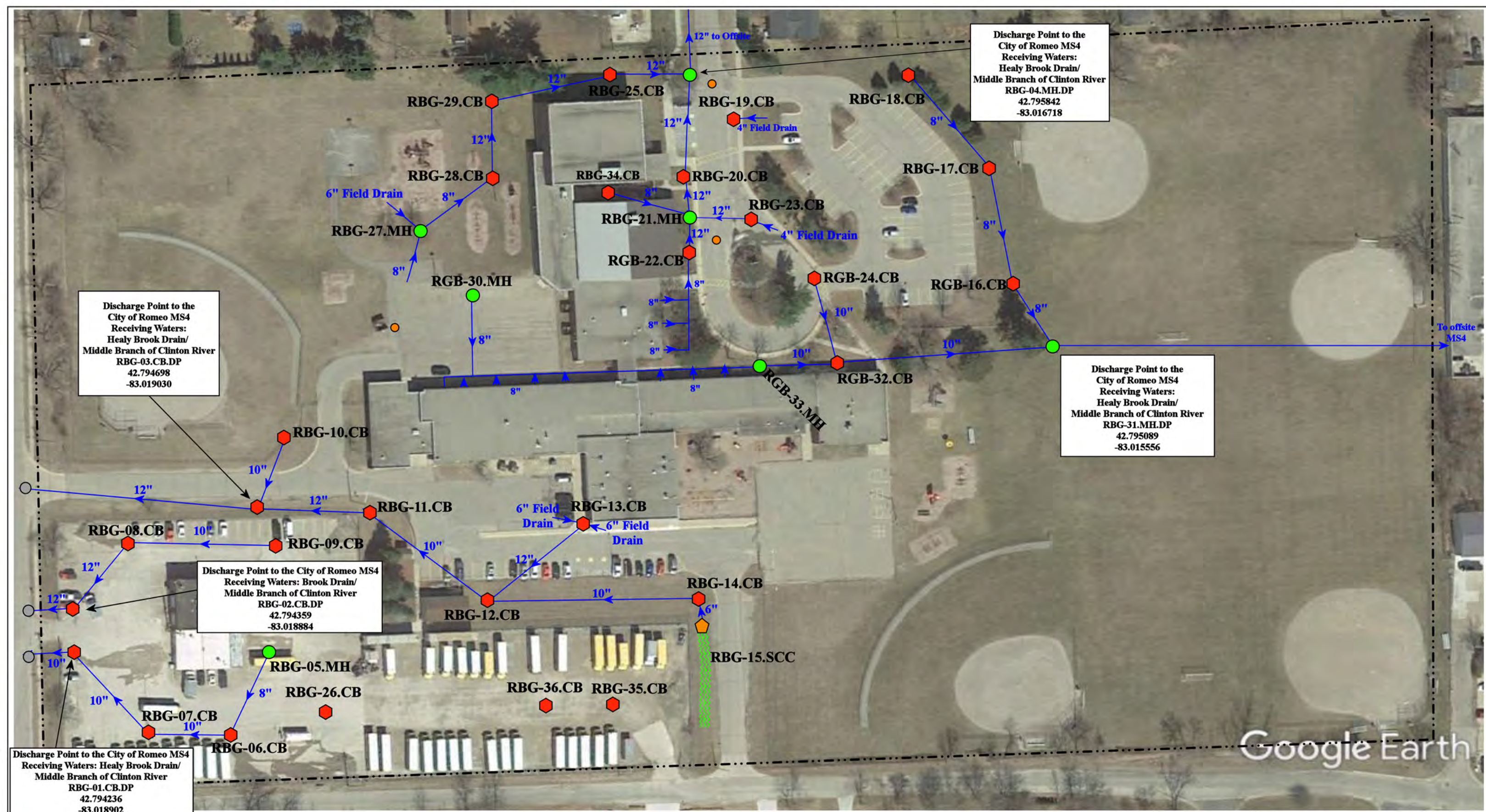
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- ▨ = Underground Detention System



|                 |              |
|-----------------|--------------|
| Revision Date : | 02/22/2023   |
| Drawn by:       | VTV          |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

Google Earth



Discharge Point to the City of Romeo MS4  
 Receiving Waters: Healy Brook Drain/ Middle Branch of Clinton River  
 RBG-03.CB.DP  
 42.794698  
 -83.019030

Discharge Point to the City of Romeo MS4  
 Receiving Waters: Healy Brook Drain/ Middle Branch of Clinton River  
 RBG-04.MH.DP  
 42.795842  
 -83.016718

Discharge Point to the City of Romeo MS4  
 Receiving Waters: Brook Drain/ Middle Branch of Clinton River  
 RBG-02.CB.DP  
 42.794359  
 -83.018884

Discharge Point to the City of Romeo MS4  
 Receiving Waters: Healy Brook Drain/ Middle Branch of Clinton River  
 RBG-31.MH.DP  
 42.795089  
 -83.015556

Discharge Point to the City of Romeo MS4  
 Receiving Waters: Healy Brook Drain/ Middle Branch of Clinton River  
 RBG-01.CB.DP  
 42.794236  
 -83.018902

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



399 Sisson Street, Romeo, Michigan

**Croswell Early Childhood Center & Transportation Complex**  
 Romeo Community Schools

|                |              |
|----------------|--------------|
| Revision Date: | 02/22/2023   |
| Drawn by:      | EDG          |
| Reviewed:      | KD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

Google Earth



Tue Mar 29 2022  
Imagery © 2022 Nearmap, HERE

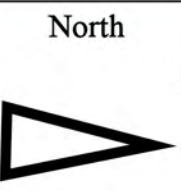
60 ft

nearmap

Discharge Point  
to the City of  
Romeo MS4  
Receiving Waters:  
Healy Brook Drain  
of the Clinton River  
RMS-01.CB.DP  
42.805457  
-83.018124

Discharge Point  
to the City of  
Romeo MS4  
Receiving Waters:  
Healy Brook Drain  
of the Clinton River  
RMS-02.CB.DP  
42.804352  
-83.019450

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                                                                                                       |  |                 |              |
|-------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 297 Prospect Street, Romeo, Michigan 48065                                                            |  | Revision Date : | 05/12/2022   |
| <b>Former Romeo Middle School</b>                                                                     |  | Drawn by:       | KD           |
| Romeo Community Schools                                                                               |  | Reviewed:       | EG           |
| <br>37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Page #:         | 1 of 1       |
|                                                                                                       |  | Scale:          | Not to Scale |




**Outfall to the  
 Stony Creek /  
 North Branch of  
 Clinton River  
 RHP-01.OP.OF  
 42.80656  
 -83.102982**

© 2021 Google

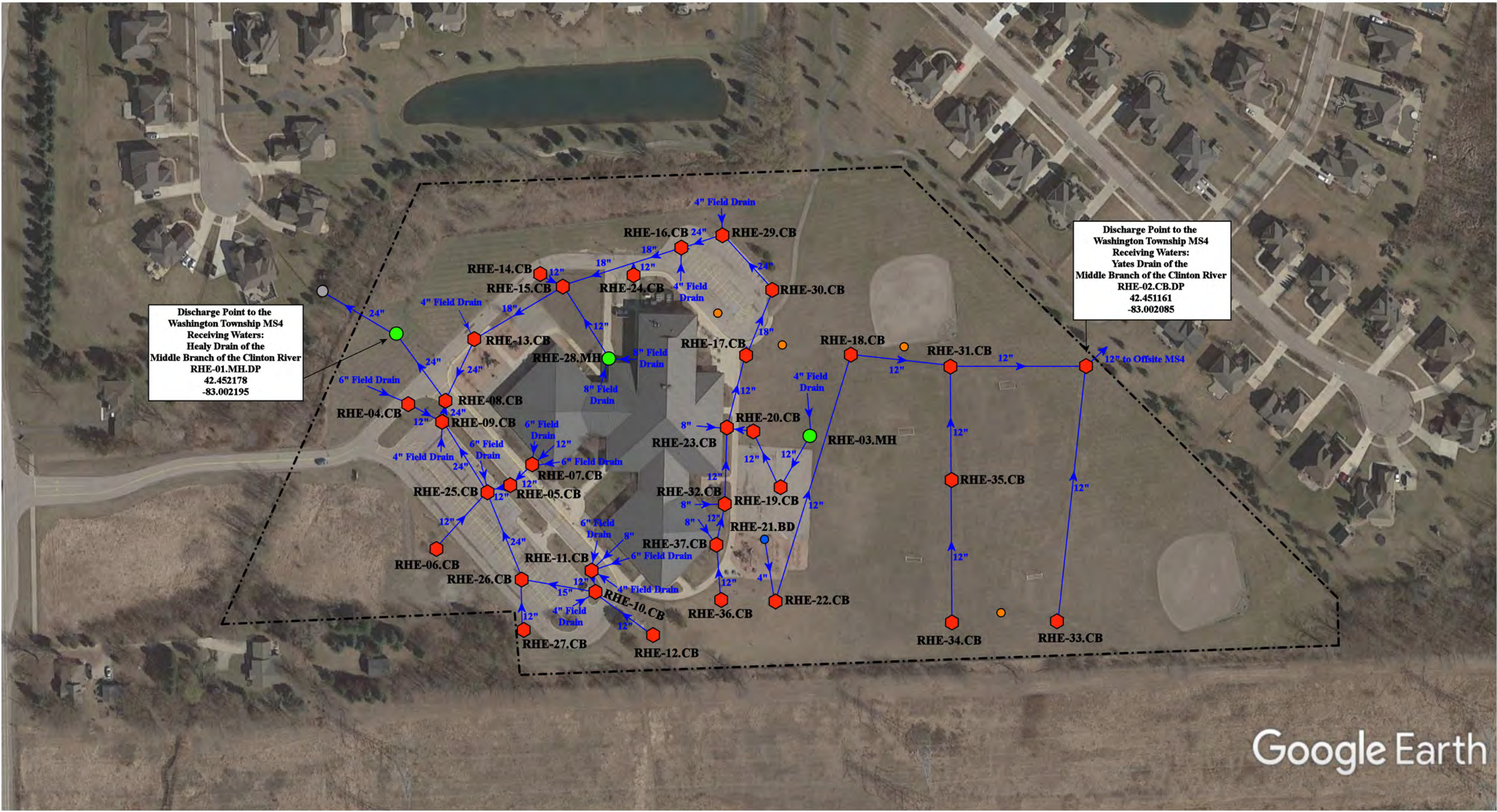
Google Earth

- ◆ = Catch Basin
- ▶ = Open Pipe Outlet
- = Riprap
- = Property Line



|                                                                                                   |  |                 |              |
|---------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 69875 Dequindre Rd, Leonard, MI 48367                                                             |  | Revision Date : | 9/14/21      |
| <b>Hamilton-Parsons Elementary School</b>                                                         |  | Drawn by:       | MRW          |
| Romeo Community Schools                                                                           |  | Reviewed:       | CD           |
|              |  | Page #:         | 1 of 1       |
|                                                                                                   |  | Scale:          | Not to Scale |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  |                 |              |





Discharge Point to the Washington Township MS4  
 Receiving Waters:  
 Healy Drain of the Middle Branch of the Clinton River  
 RHE-01.MH.DP  
 42.452178  
 -83.002195

Discharge Point to the Washington Township MS4  
 Receiving Waters:  
 Yates Drain of the Middle Branch of the Clinton River  
 RHE-02.CB.DP  
 42.451161  
 -83.002085

Google Earth

12700 29 Mile Road Washington, MI 48094

# Hevel Elementary School

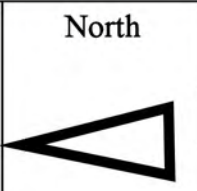
Romeo Community School

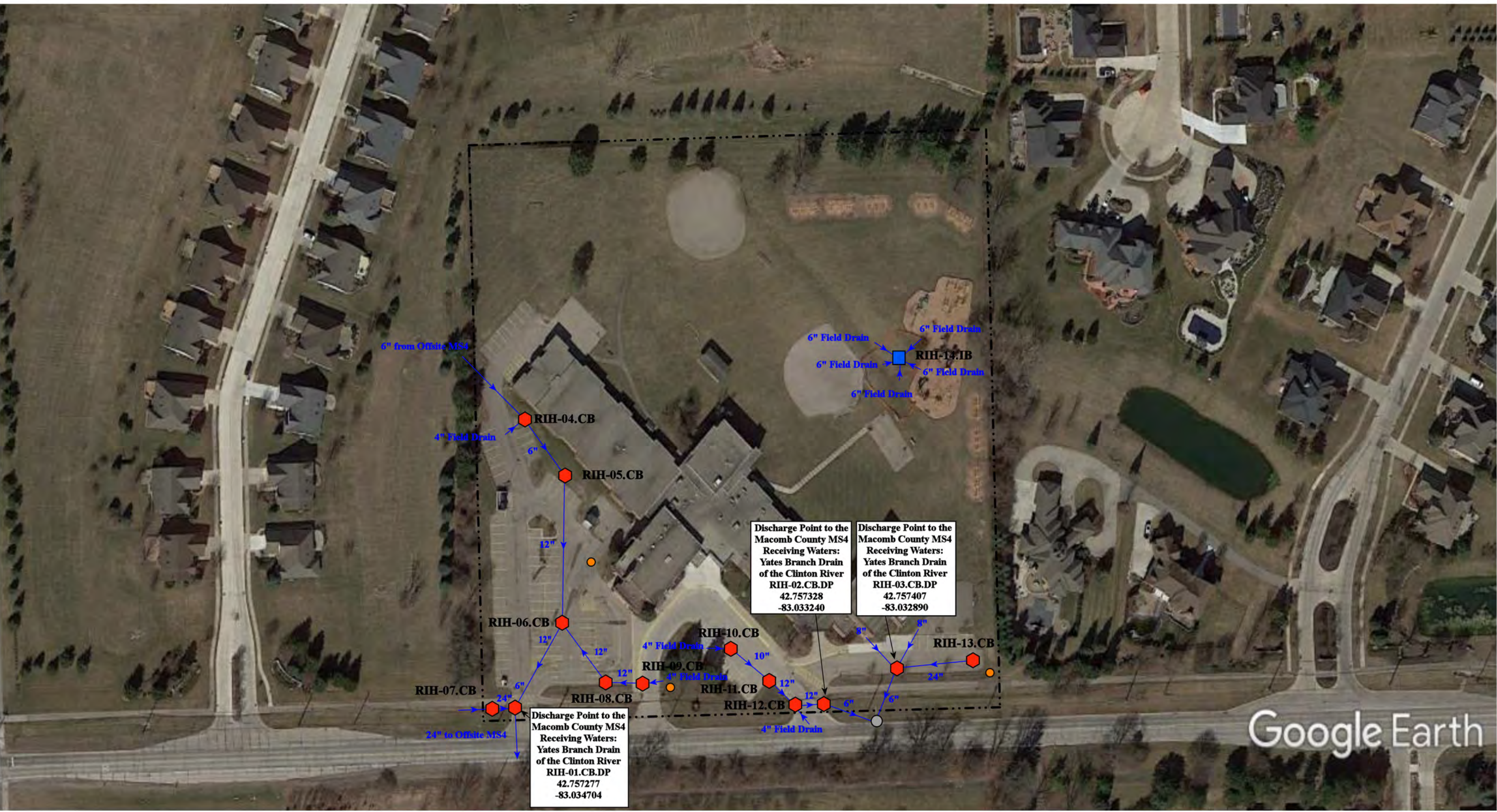


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 06/29/2022   |
| Drawn by:       | JLP          |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



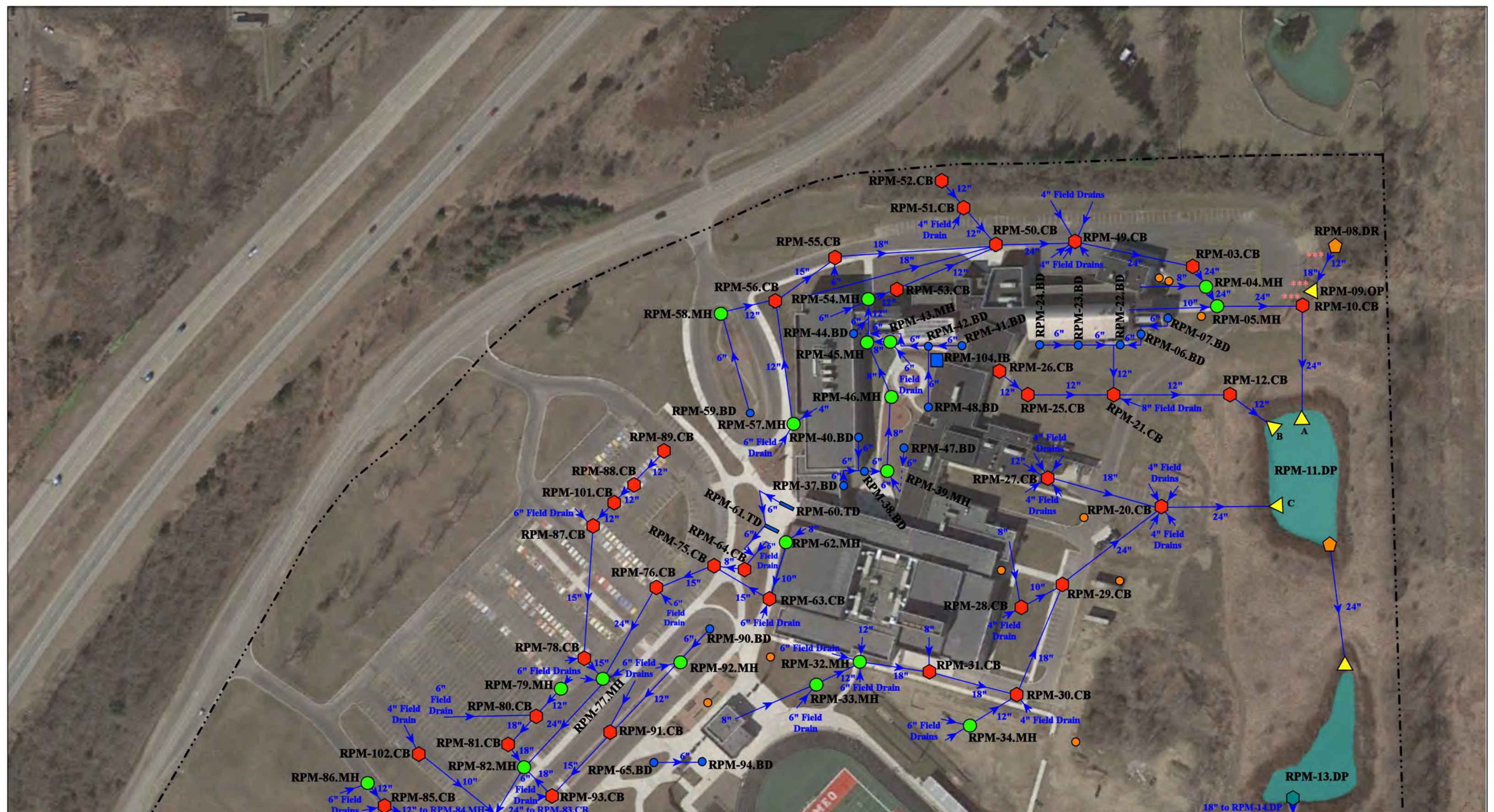


- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



8401 29 Mile Rd, Washington, MI 48095

|                                                                                                              |                 |            |              |
|--------------------------------------------------------------------------------------------------------------|-----------------|------------|--------------|
| <h2 style="margin: 0;">Indian Hills Elementary School</h2> <p style="margin: 0;">Romeo Community Schools</p> | Revision Date : | 06/20/2023 |              |
|                                                                                                              | Drawn by:       | JLP        |              |
|                                                                                                              | Reviewed:       | BK         |              |
|                                                                                                              | Page #:         | 1 of 1     |              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305            |                 | Scale:     | Not to Scale |

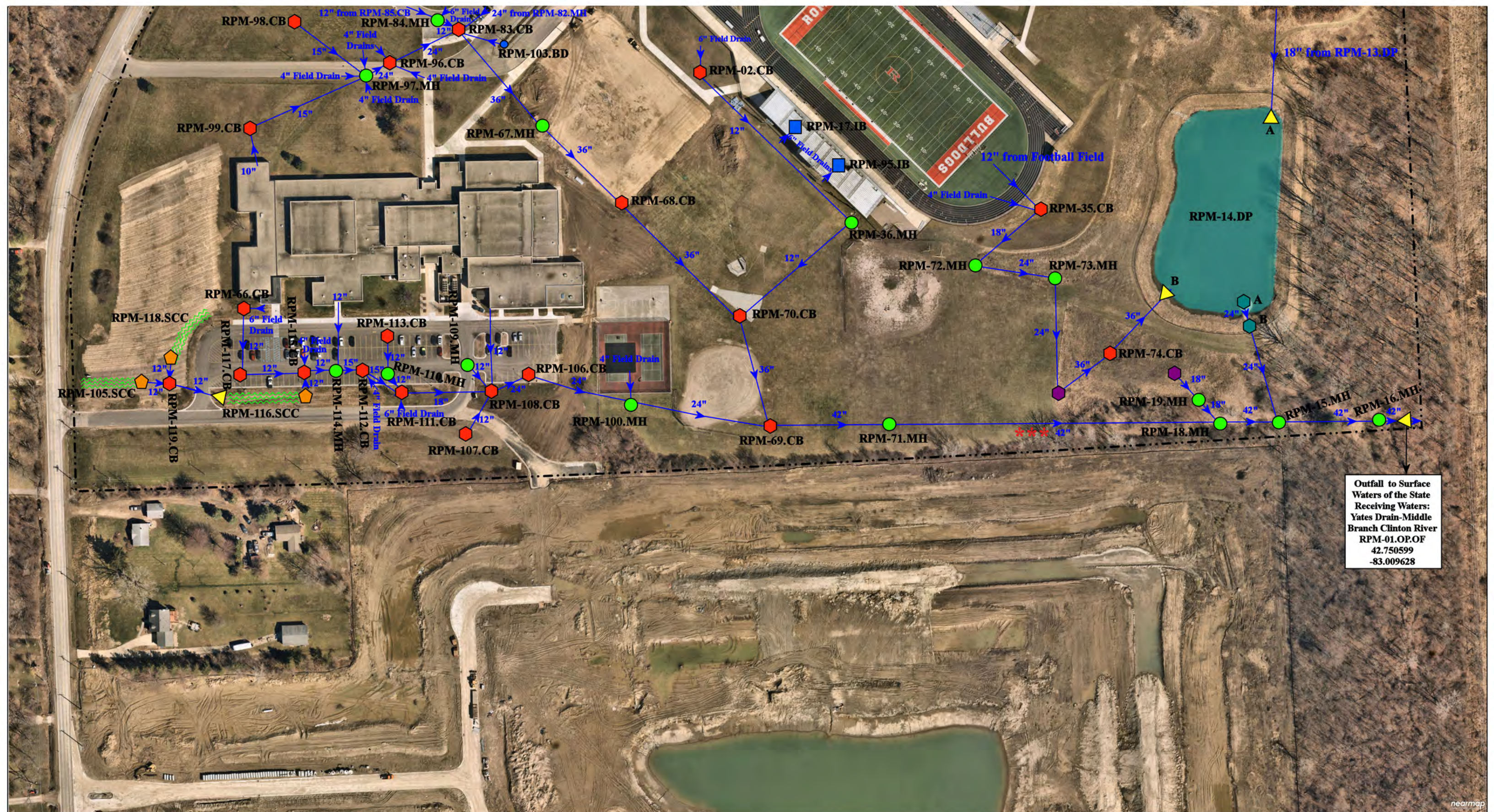


62100 & 62300 Jewell Rd., Washington, MI 48094

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Access Point                        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



|                                                                                                   |  |                |              |
|---------------------------------------------------------------------------------------------------|--|----------------|--------------|
| Powell 9th Grade Academy -<br>Romeo High School Complex<br>Romeo Community Schools                |  | Revision Date: | 5/20/2022    |
|                                                                                                   |  | Drawn by:      | MRW          |
|                                                                                                   |  | Reviewed:      | JD           |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Page #:        | 1 of 2       |
|                                                                                                   |  | Scale:         | Not to Scale |



Outfall to Surface Waters of the State  
 Receiving Waters:  
 Yates Drain-Middle Branch Clinton River  
 RPM-01.OP.OF  
 42.750599  
 -83.009628

62100 & 62300 Jewell Rd., Washington, MI 48094

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- \*\*\* = Access Point



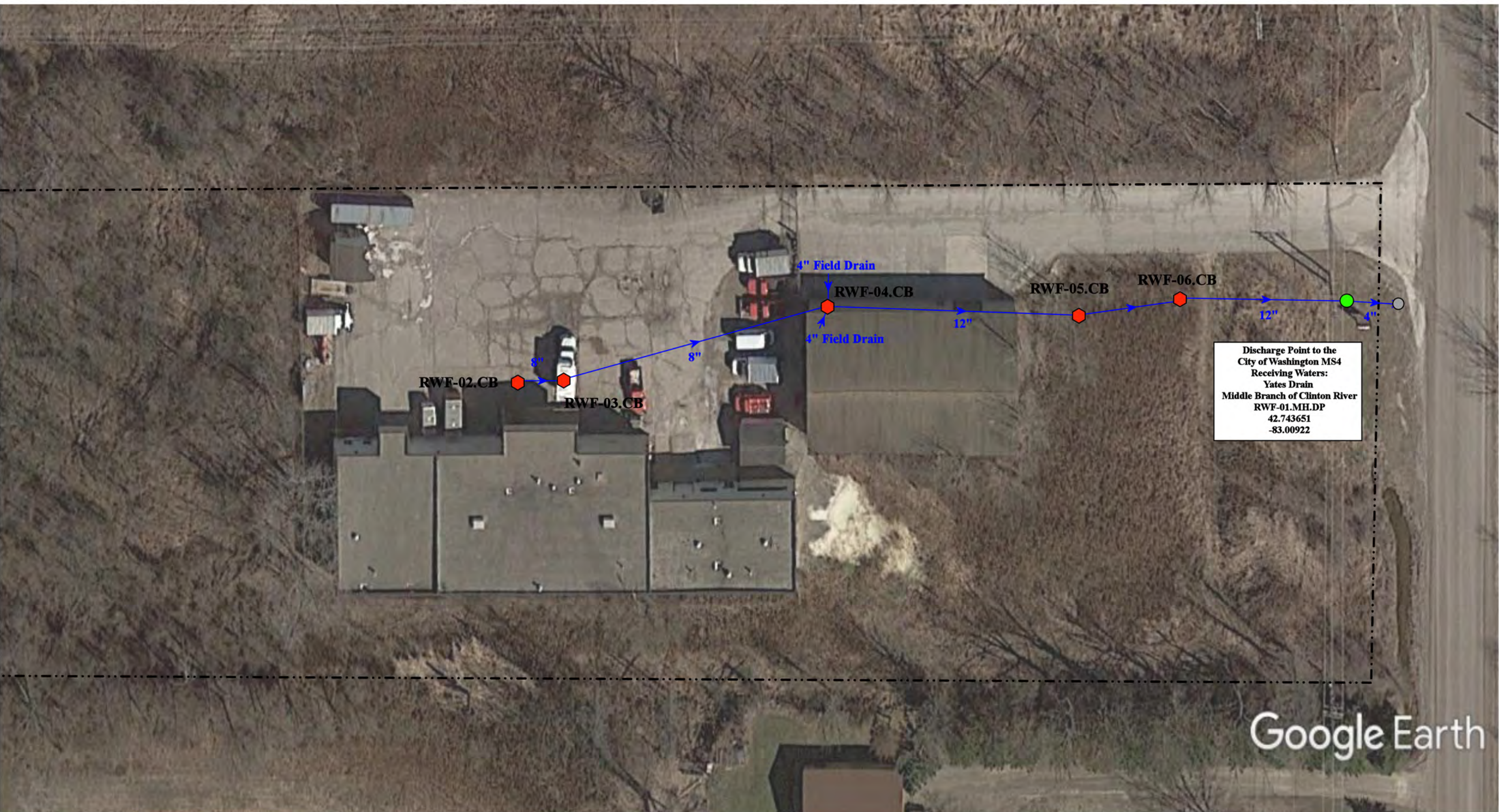
|                                                                                                   |  |                |              |
|---------------------------------------------------------------------------------------------------|--|----------------|--------------|
| Powell 9th Grade Academy -<br>Romeo High School Complex<br>Romeo Community Schools                |  | Revision Date: | 10/20/2022   |
|                                                                                                   |  | Drawn by:      | MRW          |
|                                                                                                   |  | Reviewed:      | JD           |
|                                                                                                   |  | Page #:        | 2 of 2       |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Scale:         | Not to Scale |



Discharge Point to the  
Bruce Township MS4  
Receiving Waters:  
Healy Drain of the  
Clinton River  
RHS-01.MH.DP  
42.802484  
-83.026285

Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                                                                                                                                                          |                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><span style="color: red;">⬡</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="border: 1px solid gray; border-radius: 50%; padding: 2px;">○</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li><span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> = Property Lines</li> <li><span style="color: purple;">⬡</span> = Buried Structure</li> <li><span style="color: teal;">⬡</span> = Stabilized Outlet</li> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">⊕</span> = Flow Splitter</li> <li><span style="border: 1px solid black; border-radius: 50%; padding: 2px;">⊗</span> = Hydrodynamic Separator</li> <li><span style="color: lightblue;">●</span> = Pond/Basin</li> <li><span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> = Swale/Stormwater Conveyance Channel</li> <li><span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> = Underground Detention System</li> </ul> | <p>North</p> | <p>11091 W. 32 Mile Road, Bruce Township, MI 48065</p> <h2 style="margin: 0;">Romeo Middle School</h2> <p style="margin: 0;">Romeo Community Schools</p> | <p>Revision Date: 09/15/2022</p> <p>Drawn by: CJ</p> <p>Reviewed: KD</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p> |
| <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                                                                                                                                                          |                                                                                                                           |




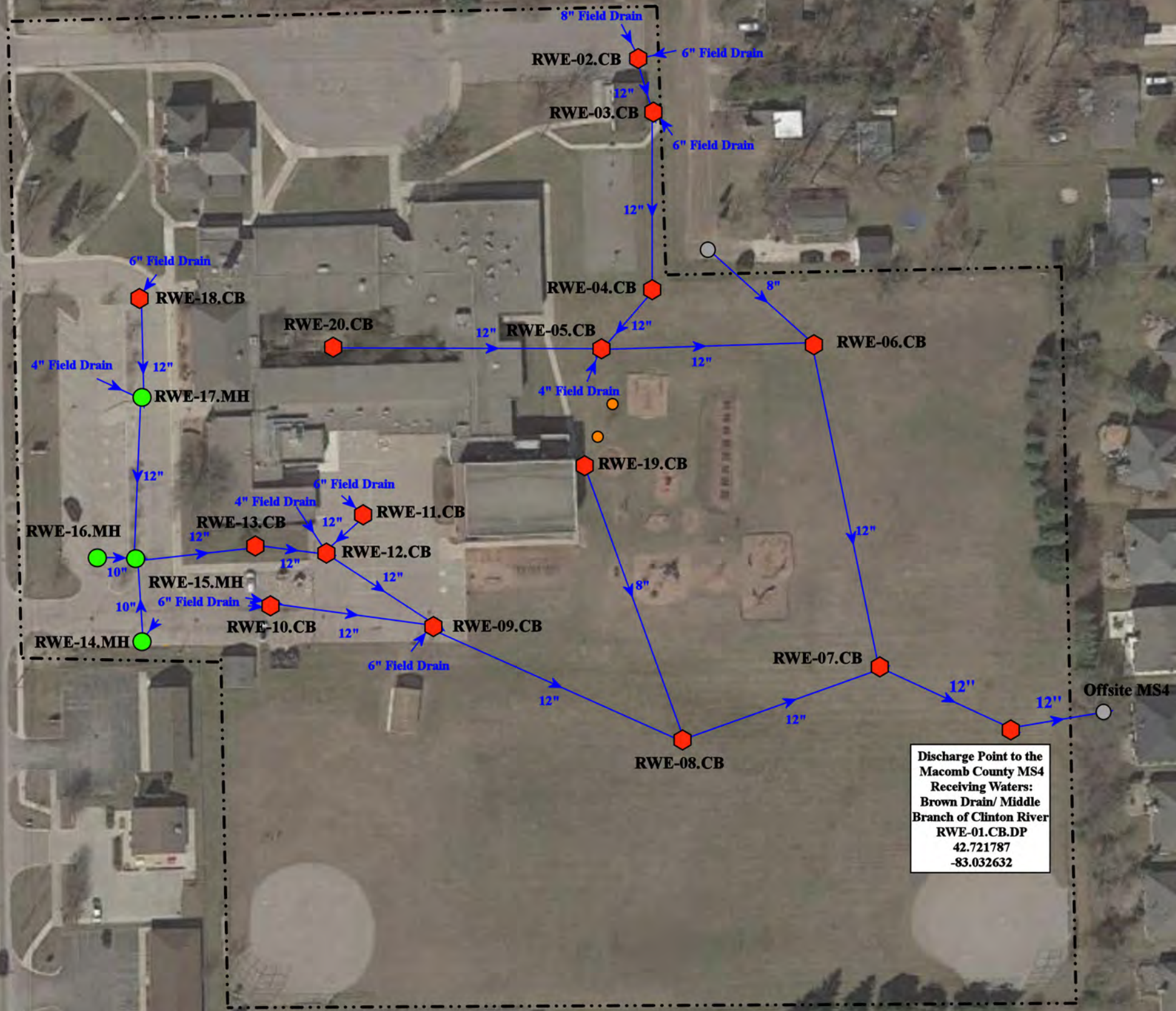
Discharge Point to the  
City of Washington MS4  
Receiving Waters:  
Yates Drain  
Middle Branch of Clinton River  
RWF-01.MH.DP  
42.743651  
-83.00922

Google Earth

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◻ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                       |                                                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 12485 28 Mile Road, Washington, MI 48094                                              |                                                                                                   |
| <b>Romeo Warehouse Facility</b>                                                       |                                                                                                   |
| Romeo Community Schools                                                               |                                                                                                   |
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date:                                                                        | 06/20/2022                                                                                        |
| Drawn by:                                                                             | JLP                                                                                               |
| Reviewed:                                                                             | KD                                                                                                |
| Page #:                                                                               | 1 of 1                                                                                            |
| Scale:                                                                                | Not to Scale                                                                                      |



Discharge Point to the  
Macomb County MS4  
Receiving Waters:  
Brown Drain/ Middle  
Branch of Clinton River  
RWE-01.CB.DP  
42.721787  
-83.032632

Google Earth

58230 Van Dyke Ave, Washington, MI 48094

**Washington Elementary School**

Romeo Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|           |              |
|-----------|--------------|
| Date:     | 3/9/23       |
| Drawn by: | WM           |
| Reviewed: | EG           |
| Page #:   | 1 of 1       |
| Scale:    | Not to Scale |

## Receiving Waters Table

| Roseville Community Schools |                           |                                      |            |                              |                                               |                         |
|-----------------------------|---------------------------|--------------------------------------|------------|------------------------------|-----------------------------------------------|-------------------------|
| FACILITY                    | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                              | WATERSHED               |
| Dort Elementary School      | RVDE-01.CB.DP             | 42.485499                            | -82.955248 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVDE-02.CB.DP             | 42.485456                            | -82.953821 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| Fountain Elementary School  | RVFE-01.MH.DP             | 42.506413                            | -82.952327 | City of Roseville MS4        | Harrington Drain                              | Clinton River Watershed |
|                             | RVFE-02.CB.DP             | 42.506858                            | -82.950850 | City of Roseville MS4        | Harrington Drain                              | Clinton River Watershed |
|                             | RVFE-04.CB.DP             | 42.506201                            | -82.950634 | City of Roseville MS4        | Harrington Drain                              | Clinton River Watershed |
| Kaiser Elementary School    | RVKE-01.CB.DP             | 42.492517                            | -82.948539 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVKE-05.MH.DP             | 42.491502                            | -82.949219 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVKE-08.MH.DP             | 42.490852                            | -82.947680 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| Kment Elementary School     | KMT-01.CB.DP              | 42.513831                            | -82.916978 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | KMT-05.CB.DP              | 42.513796                            | -82.915269 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| Patton Elementary School    | PAT-01.MH.DP              | 42.529514                            | -82.926503 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | PAT-05.CB.DP              | 42.529517                            | -82.926712 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | PAT-07.CB.DP              | 42.529481                            | -82.927584 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| Eastland Middle School      | RVEM-01.CB.DP             | 42.520419                            | -82.930285 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVEM-13.CB.DP             | 42.520416                            | -82.929324 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVEM-15.CB.DP             | 42.520455                            | -82.927862 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVEM-18.CB.DP             | 42.520494                            | -82.926363 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVEM-20.DR.DP             | 42.518713                            | -82.926608 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                             | RVEM-21.CB.DP             | 42.518515                            | -82.927749 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |

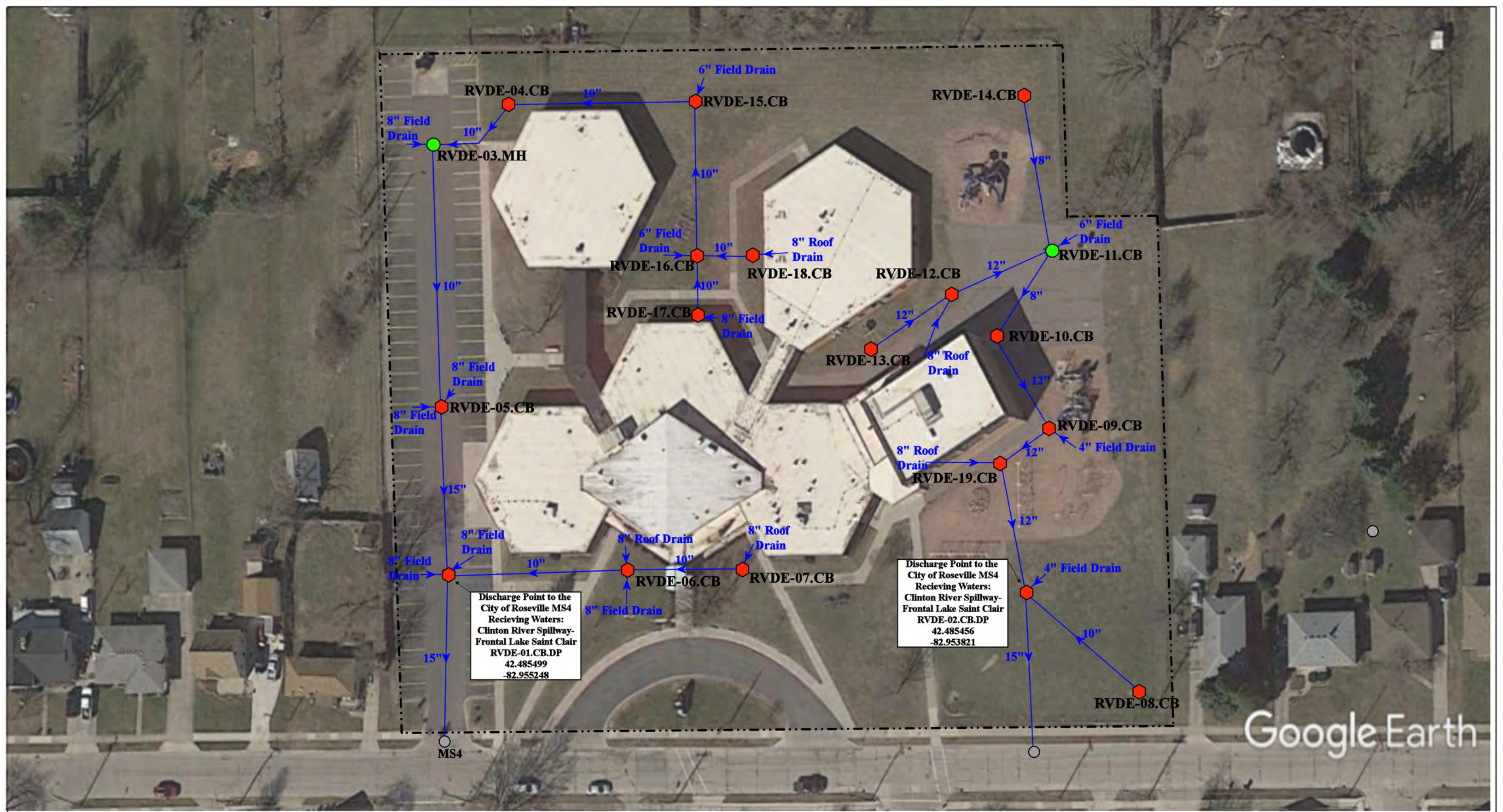


## Receiving Waters Table

| Roseville Community Schools                                                  |                           |                                      |            |                              |                                               |                         |
|------------------------------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|-----------------------------------------------|-------------------------|
| FACILITY                                                                     | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                              | WATERSHED               |
| Roseville High School                                                        | RVRH-01.MH.DP             | 42.519612                            | -82.935929 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVRH-02.MH.DP             | 42.520500                            | -82.935913 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVRH-12.CB.DP             | 42.518651                            | -82.938605 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVRH-42.CB.DP             | 42.520472                            | -82.937804 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVRH-53.CB.DP             | 42.520548                            | -82.938674 | City of Roseville MS4        | Harrington Drain                              | Clinton River Watershed |
|                                                                              | RVRH-54.CB.DP             | 42.522913                            | -82.938818 | City of Roseville MS4        | Harrington Drain                              | Clinton River Watershed |
| Roseville Administration and Maintenance Facility Complex                    | RVAB-01.CB.DP             | 42.485779                            | -82.924517 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| Roseville Middle School, Bus Garage, and Steenland Elementary School Complex | RBMS-01.MH.DP             | 42.498166                            | -82.955245 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-02.MH.DP             | 42.501624                            | -82.953292 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-35.CB.DP             | 42.501605                            | -82.955369 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-51.CB.DP             | 42.500987                            | -82.953082 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-52.CB.DP             | 42.500393                            | -82.953238 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-53.CB.DP             | 42.498233                            | -82.952942 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-59.CB.DP             | 42.500645                            | -82.952383 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-61.CB.DP             | 42.499978                            | -82.951925 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-63.CB.DP             | 42.499677                            | -82.952613 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RBMS-65.CB.DP             | 42.499011                            | -82.951681 | City of New Roseville MS4    | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |

## Receiving Waters Table

| Roseville Community Schools                                                  |                                       |                                      |            |                              |                                               |                         |
|------------------------------------------------------------------------------|---------------------------------------|--------------------------------------|------------|------------------------------|-----------------------------------------------|-------------------------|
| FACILITY                                                                     | OUTFALL / DISCHARGE POINT             | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                              | WATERSHED               |
| <b>Ruth H. Green Elementary School (Former Huron Park Elementary School)</b> | RVHP-01.CB.DP                         | 42.490780                            | -82.927790 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVHP-03.CB.DP                         | 42.490330                            | -82.927790 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVHP-04.CB.DP                         | 42.490550                            | -82.929337 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVHP-13.CB.DP                         | 42.489810                            | -82.928090 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVHP-14.CB.DP                         | 42.489544                            | -82.927871 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
|                                                                              | RVHP-16.CB.DP                         | 42.490108                            | -82.927704 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| <b>Vacant Lot @ 16240 Guest Ct., Roseville</b>                               | None                                  | N/A                                  | N/A        | N/A                          | N/A                                           | N/A                     |
| <b>Vacant Lot @ 16250 Guest Ct., Roseville</b>                               | None                                  | N/A                                  | N/A        | N/A                          | N/A                                           | N/A                     |
| <b>Vacant Lot @ 27639 Bohn St., Roseville</b>                                | None                                  | N/A                                  | N/A        | N/A                          | N/A                                           | N/A                     |
| <b>Vacant Lot @ 16221 Frazho Rd., Roseville</b>                              | VFR-01.MH.DP                          | 42.488726                            | -82.954229 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| <b>Vacant Lot @ 18800 Melvin, Roseville</b>                                  | MEL-01.CB.DP                          | 42.505639                            | -82.926856 | City of Roseville MS4        | NHD Flowline                                  | Clinton River Watershed |
| <b>Vacant Lot @ 19140 Meier, Roseville</b>                                   | MVL-01.MH.DP                          | 42.500071                            | -82.923902 | City of Roseville MS4        | NHD Flowline                                  | Clinton River Watershed |
|                                                                              | MVL-02.MH.DP                          | 42.499061                            | -82.923349 | City of Roseville MS4        | Clinton River Spillway-Frontal Lake St. Clair | Clinton River Watershed |
| <b>Vacant Lot, 29725 John J, Roseville</b>                                   | JJS-01.CB.DP                          | 42.514637                            | -82.933762 | City of Roseville MS4        | Lake St. Clair                                | Clinton River Watershed |
|                                                                              | JJS-02.CB.DP                          | 42.515303                            | -82.933814 | City of Roseville MS4        | Lake St. Clair                                | Clinton River Watershed |
|                                                                              | JJS-05.CB.DP                          | 42.514601                            | -82.934954 | City of Roseville MS4        | Lake St. Clair                                | Clinton River Watershed |
|                                                                              | JJS-08.CB.DP                          | 42.514709                            | -82.935564 | City of Roseville MS4        | Lake St. Clair                                | Clinton River Watershed |
| <b>2 Belleair, Roseville (Unknown)</b>                                       | Not mapped as of 2022-23 fiscal year. |                                      |            |                              |                                               |                         |
| <b>1 Belleair, Roseville (Unknown)</b>                                       | Not mapped as of 2022-23 fiscal year. |                                      |            |                              |                                               |                         |
| <b>6 Park, Roseville (Unknown)</b>                                           | Not mapped as of 2022-23 fiscal year. |                                      |            |                              |                                               |                         |



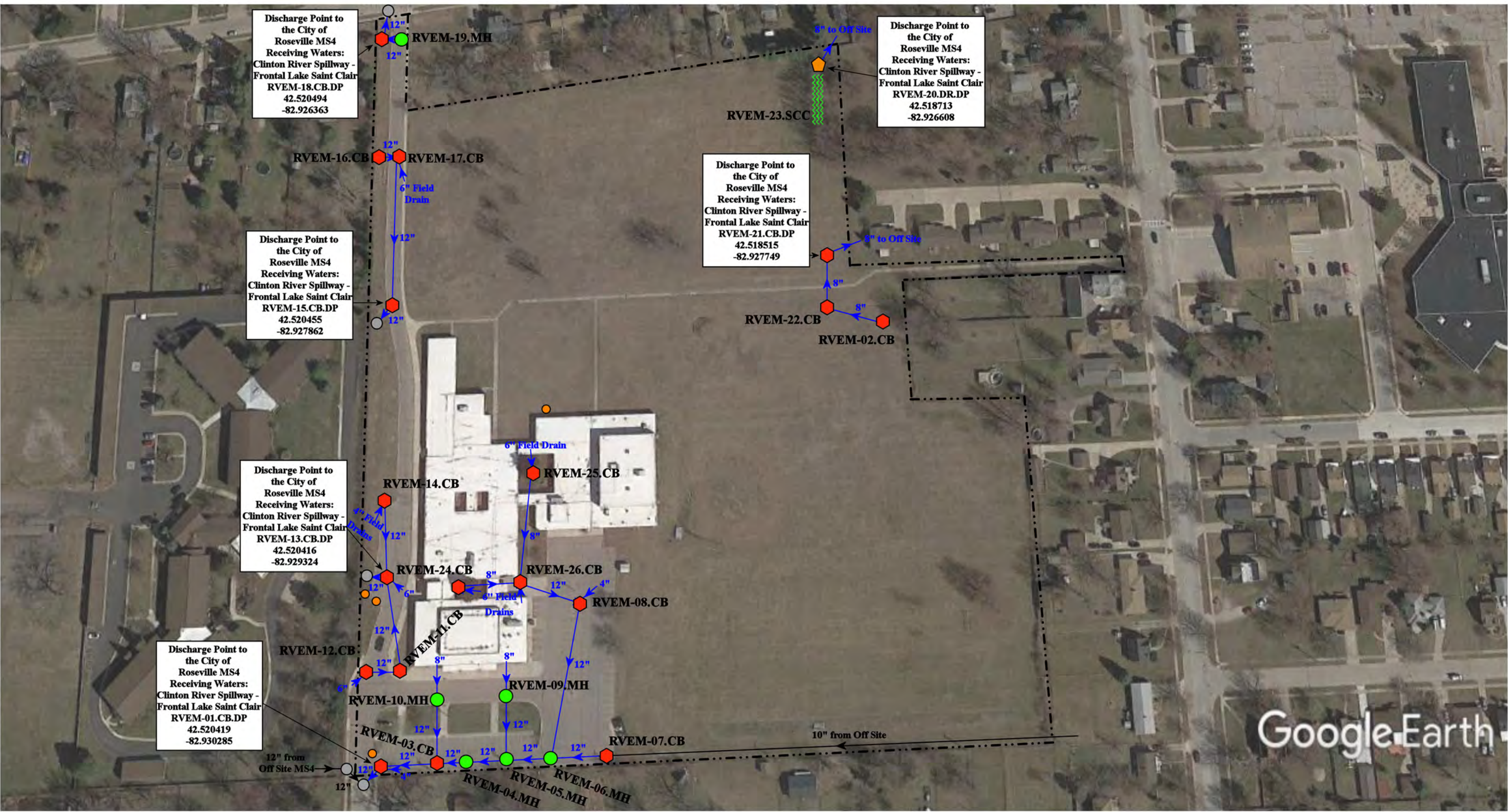
Discharge Point to the City of Roseville MS4 Receiving Waters: Clinton River Spillway-Frontal Lake Saint Clair RVDE-01.CB.DP 42.485499 -82.955248

Discharge Point to the City of Roseville MS4 Receiving Waters: Clinton River Spillway-Frontal Lake Saint Clair RVDE-02.CB.DP 42.485456 -82.953821

- ◆ = Catch Basin
- = Manhole
- = Off-site MS4
- = Property Boundary



|                                                                                                   |              |
|---------------------------------------------------------------------------------------------------|--------------|
| 16225 Dort St, Roseville, MI 48066                                                                |              |
| <b>Dort Elementary School</b>                                                                     |              |
| Roseville Community Schools                                                                       |              |
|              |              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |              |
| Revision Date :                                                                                   | 2/8/2022     |
| Drawn by:                                                                                         | CJ           |
| Reviewed:                                                                                         | EMB          |
| Page #:                                                                                           | 1 of 1       |
| Scale:                                                                                            | Not to Scale |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary

- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- = Property Lines

- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator

- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



18700 Frank Street, Roseville, MI 48055

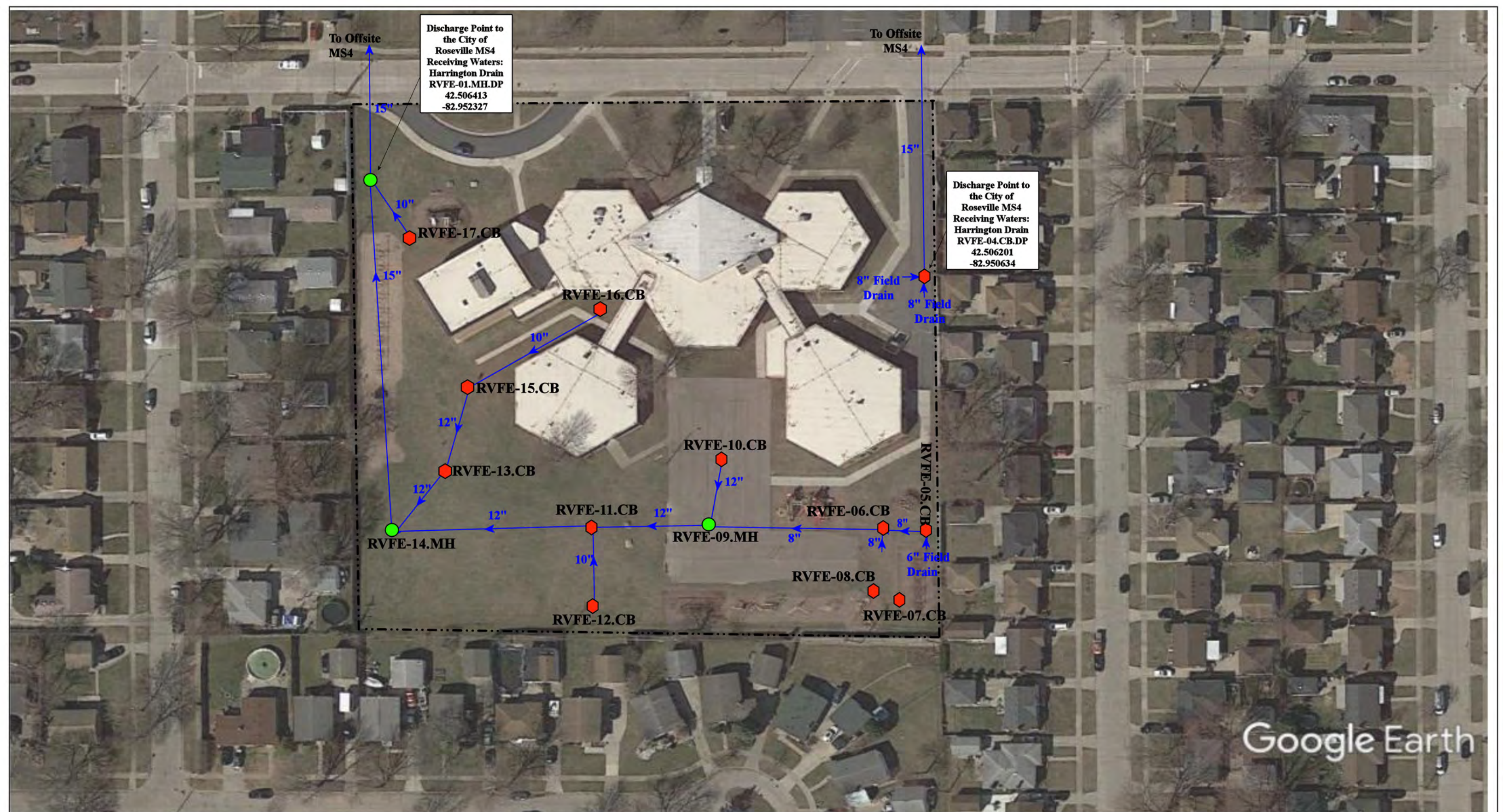
## Eastland Middle School

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 10/4/2022    |
| Drawn by:       | VTV          |
| Reviewed:       | CCD          |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the City of Roseville MS4  
 Receiving Waters:  
 Harrington Drain  
 RVFE-01.MH.DP  
 42.506413  
 -82.952327

Discharge Point to the City of Roseville MS4  
 Receiving Waters:  
 Harrington Drain  
 RVFE-04.CB.DP  
 42.506201  
 -82.950634

- ◆ = Catch Basin
- = Manhole
- = City of Roseville MS4
- = Property Lines



|                                                                                                                                  |  |                 |              |
|----------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 16850 Wellington Avenue, Roseville, MI, 48066                                                                                    |  | Revision Date : | 08/19/2021   |
| <h2 style="text-align: center;">Fountain Elementary School</h2> <p style="text-align: center;">Roseville Community Schools</p>   |  | Drawn by:       | EMB          |
|                                                                                                                                  |  | Reviewed:       | BJK          |
| <p>37720 Interchange Drive<br/>       Farmington Hills, MI 48335<br/>       Phone: 248-426-0165<br/>       Fax: 248-427-0305</p> |  | Page #:         | 1 of 2       |
|                                                                                                                                  |  | Scale:          | Not to Scale |



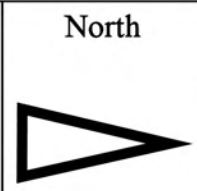
Discharge Point  
to the City of  
Roseville MS4  
Receiving Waters:  
Harrington Drain  
RFVE-02.CB.DP  
42.506858  
-82.95085

RVFE-03.CB

12"

Google Earth

- = Catch Basin
- = Manhole
- = City of Roseville MS4
- = Property Lines



16850 Wellington Avenue, Roseville, MI, 48066

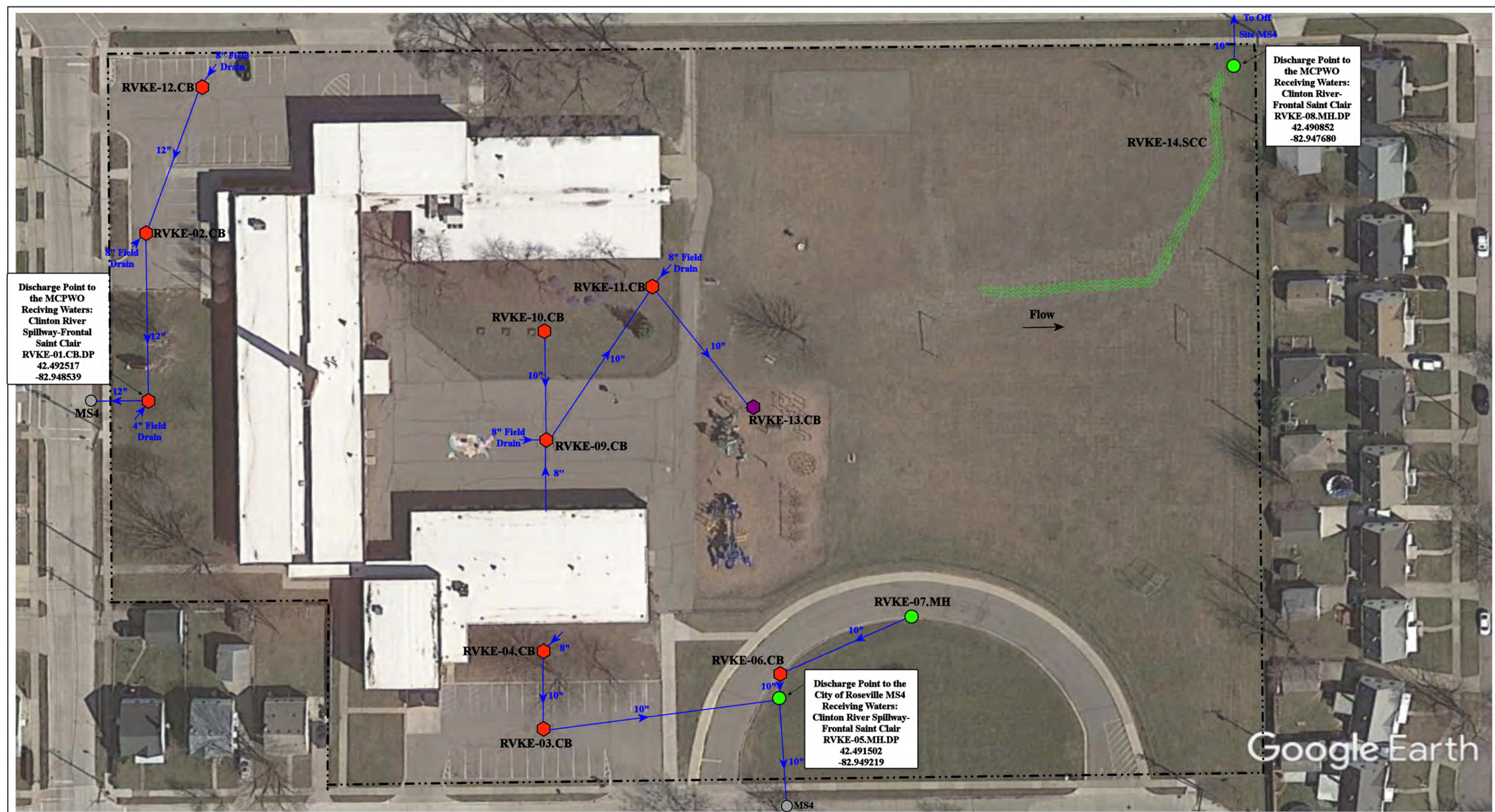
# Fountain Elementary School

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 08/19/2021   |
| Drawn by:       | EMB          |
| Reviewed:       | BJK          |
| Page #:         | 2 of 2       |
| Scale:          | Not to Scale |

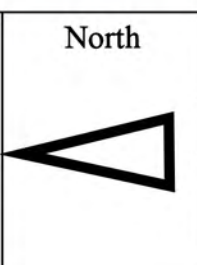


Discharge Point to the MCPWO  
Receiving Waters:  
Clinton River-  
Frontal Saint Clair  
RVKE-08.MH.DP  
42.490852  
-82.947680

Discharge Point to the MCPWO  
Receiving Waters:  
Clinton River  
Spillway-Frontal  
Saint Clair  
RVKE-01.CB.DP  
42.492517  
-82.948539

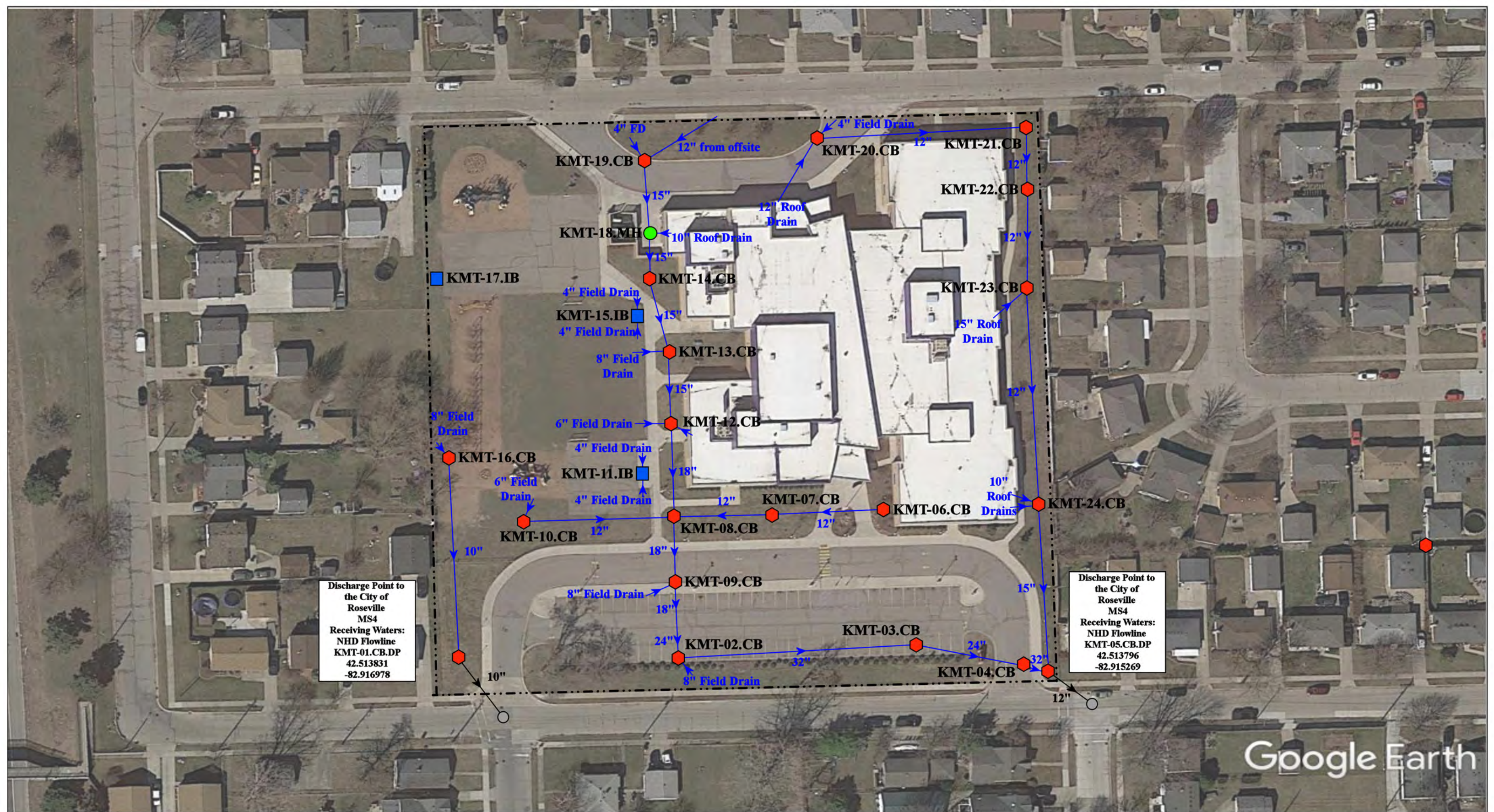
Discharge Point to the City of Roseville MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Saint Clair  
RVKE-05.MH.DP  
42.491502  
-82.949219

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



16700 Wildwood Street, Roseville, Michigan 48066

|                                                                                                            |                                                                                                                                                                                                                                                                                                                                      |                |        |           |     |           |    |         |        |        |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|-----------|-----|-----------|----|---------|--------|--------|
| <h2 style="margin: 0;">Kaiser Elementary School</h2> <p style="margin: 0;">Roseville Community Schools</p> | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305                                                                                                                                                                                                                                    |                |        |           |     |           |    |         |        |        |
|                                                                                                            | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Revision Date:</td> <td>3/9/23</td> </tr> <tr> <td>Drawn by:</td> <td>EMB</td> </tr> <tr> <td>Reviewed:</td> <td>LK</td> </tr> <tr> <td>Page #:</td> <td>1 of 1</td> </tr> <tr> <td>Scale:</td> <td>Not to Scale</td> </tr> </table> | Revision Date: | 3/9/23 | Drawn by: | EMB | Reviewed: | LK | Page #: | 1 of 1 | Scale: |
| Revision Date:                                                                                             | 3/9/23                                                                                                                                                                                                                                                                                                                               |                |        |           |     |           |    |         |        |        |
| Drawn by:                                                                                                  | EMB                                                                                                                                                                                                                                                                                                                                  |                |        |           |     |           |    |         |        |        |
| Reviewed:                                                                                                  | LK                                                                                                                                                                                                                                                                                                                                   |                |        |           |     |           |    |         |        |        |
| Page #:                                                                                                    | 1 of 1                                                                                                                                                                                                                                                                                                                               |                |        |           |     |           |    |         |        |        |
| Scale:                                                                                                     | Not to Scale                                                                                                                                                                                                                                                                                                                         |                |        |           |     |           |    |         |        |        |



Discharge Point to  
the City of  
Roseville  
MS4  
Receiving Waters:  
NHD Flowline  
KMT-01.CB.DP  
42.513831  
-82.916978

Discharge Point to  
the City of  
Roseville  
MS4  
Receiving Waters:  
NHD Flowline  
KMT-05.CB.DP  
42.513796  
-82.915269

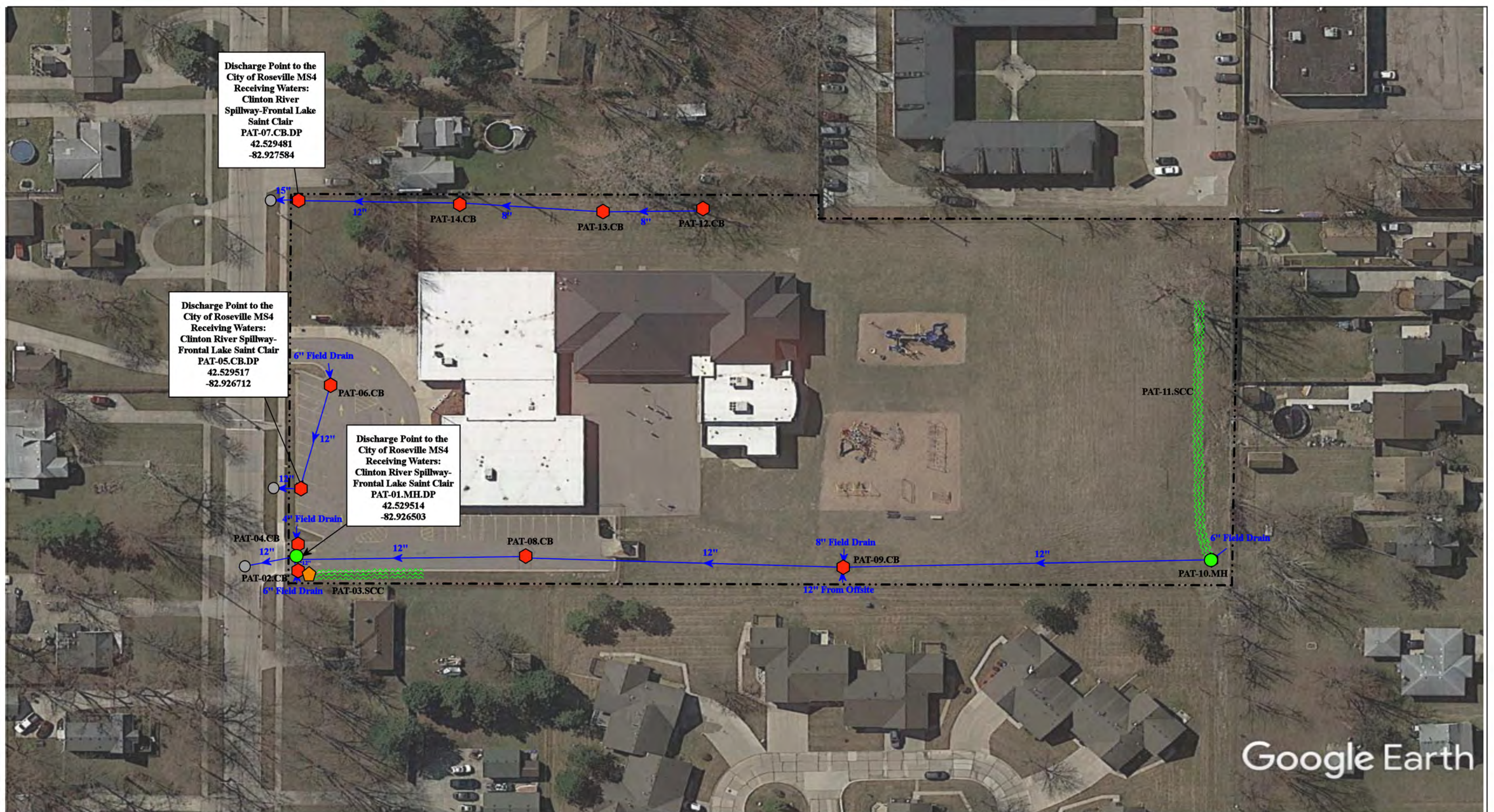
Google Earth

- ◆ = Catch Basin
- = Manhole
- = City of Warren MS4
- = Infiltration Basin
- = Property Lines



|                                                                                                   |                        |
|---------------------------------------------------------------------------------------------------|------------------------|
| 20033 Washington St, Roseville, MI 48066                                                          |                        |
| <b>Kment Elementary School</b>                                                                    | Revision Date: 12/3/21 |
| Roseville Community Schools                                                                       | Drawn by: CMJ          |
|                                                                                                   | Reviewed: MRW          |
|                                                                                                   | Page #: 1 of 1         |
|                                                                                                   | Scale: Not to Scale    |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |                        |





--- = Property Lines

🔴 = Catch Basin

🟢 = Manhole

🌊 = Stormwater Conveyance Channel

🟠 = Drainage Receptor

⊙ = Offsite MS4

North



18851 McKinnon St, Roseville, MI 48066

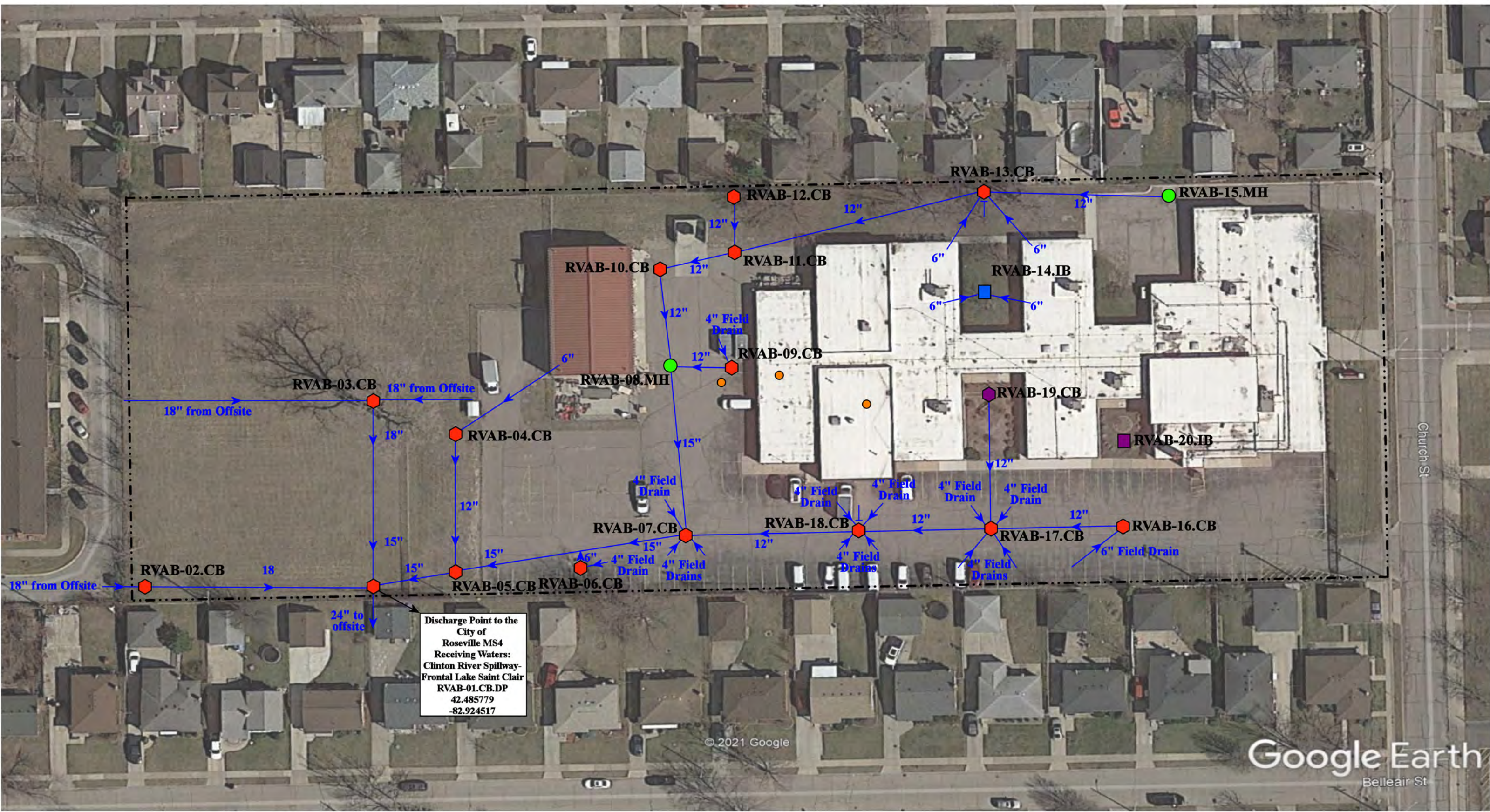
**Patton Elementary School**

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 12/03/2021   |
| Drawn by:       | CJ           |
| Reviewed:       | MRW          |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the City of Roseville MS4  
 Receiving Waters:  
 Clinton River Spillway-  
 Frontal Lake Saint Clair  
 RVAB-01.CB.DP  
 42.485779  
 -82.924517

© 2021 Google

Google Earth  
 Belleair St

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System



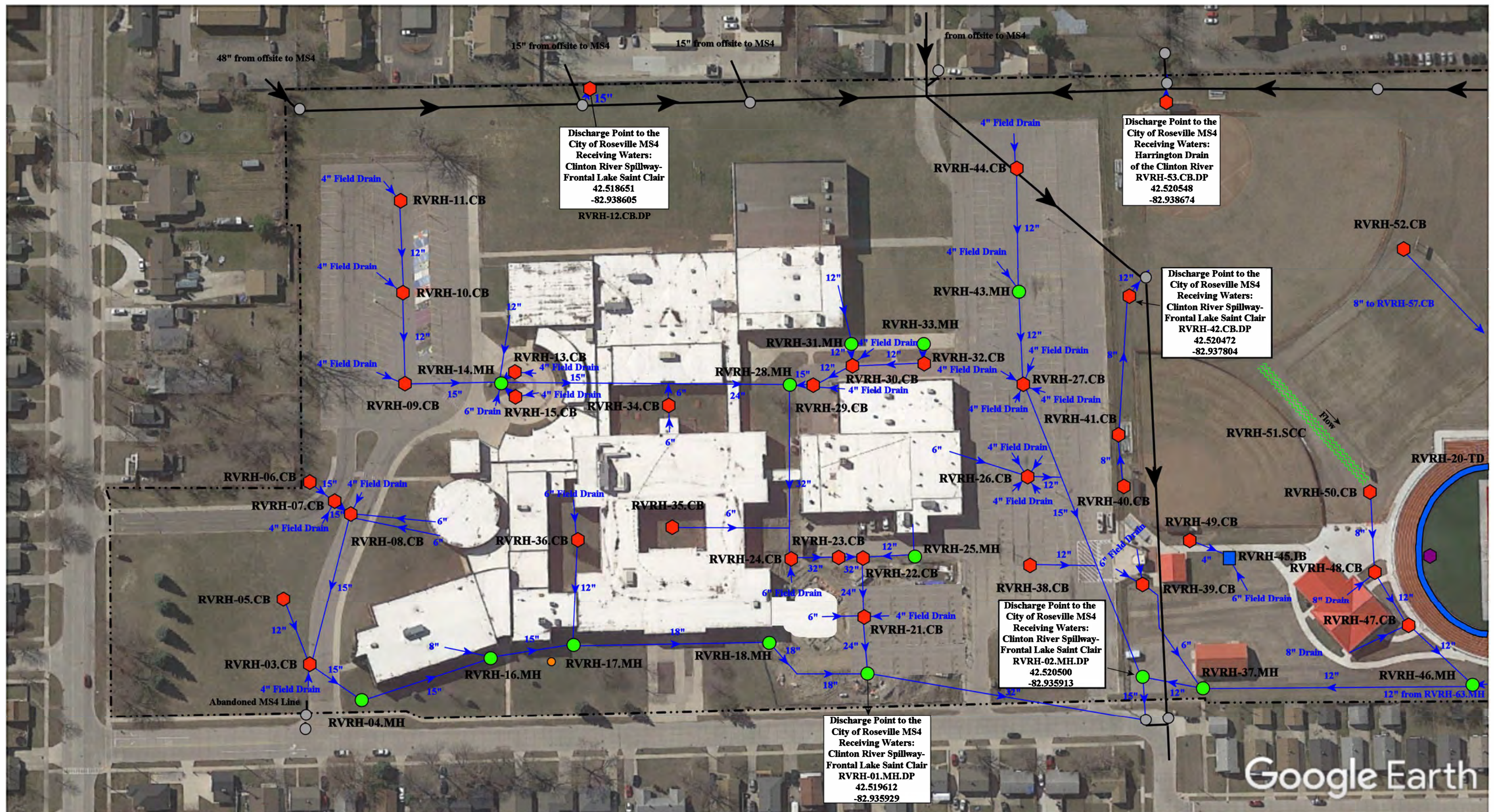
18975 Church St., Roseville, MI 48066

Roseville Administration Building  
 - Maintenance Facility Complex  
 Roseville Community Schools

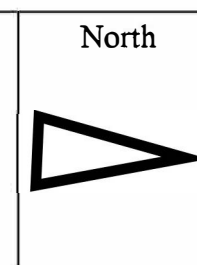


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 06/07/2022   |
| Drawn by:      | MRW          |
| Reviewed:      | EG           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



17855 Common Rd, Roseville, MI 48066

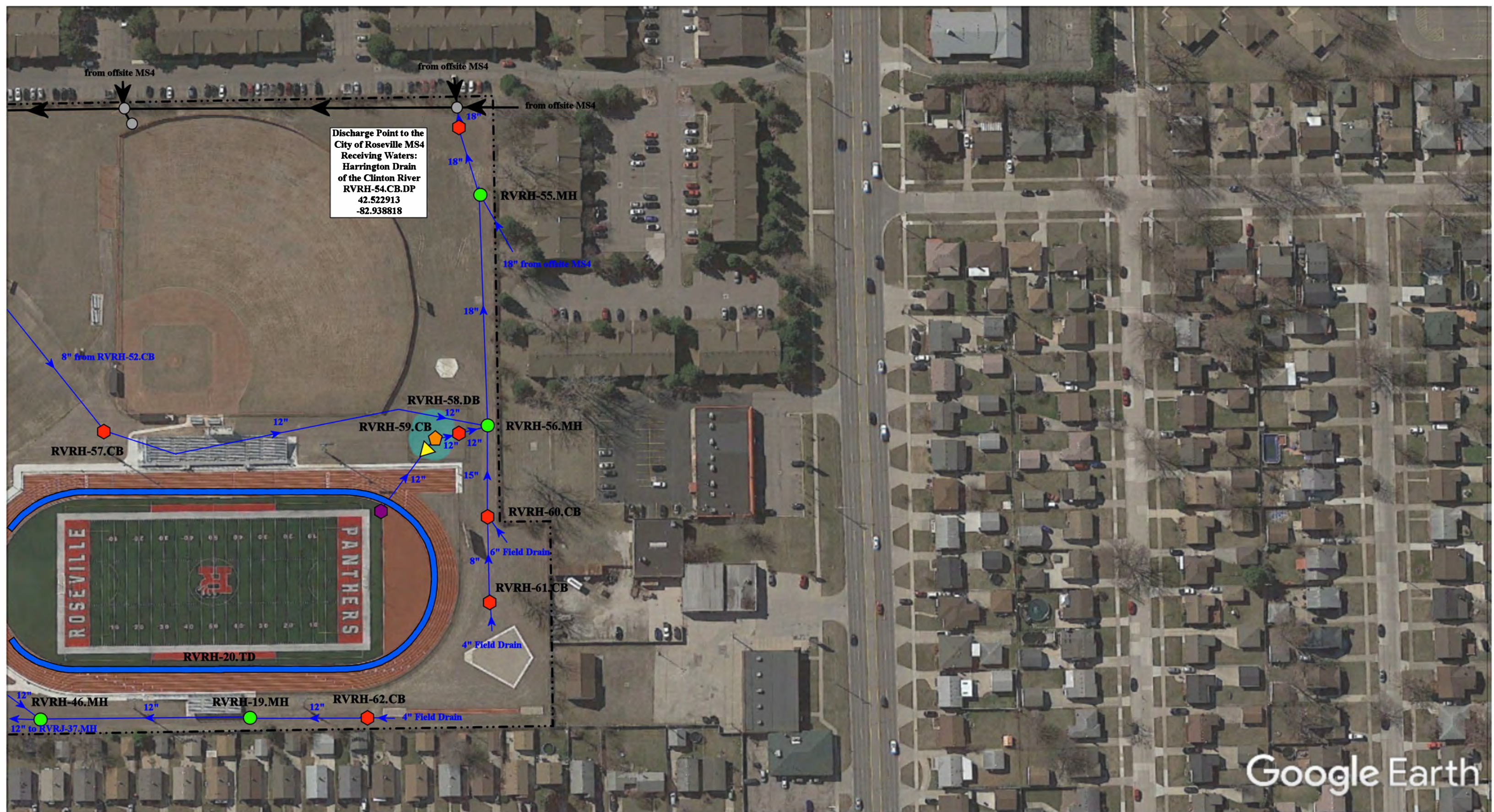
## Roseville High School

Roseville Community Schools

environmental group

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

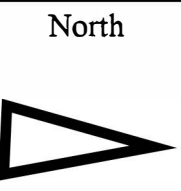
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| Reviewed:       | EDG          |
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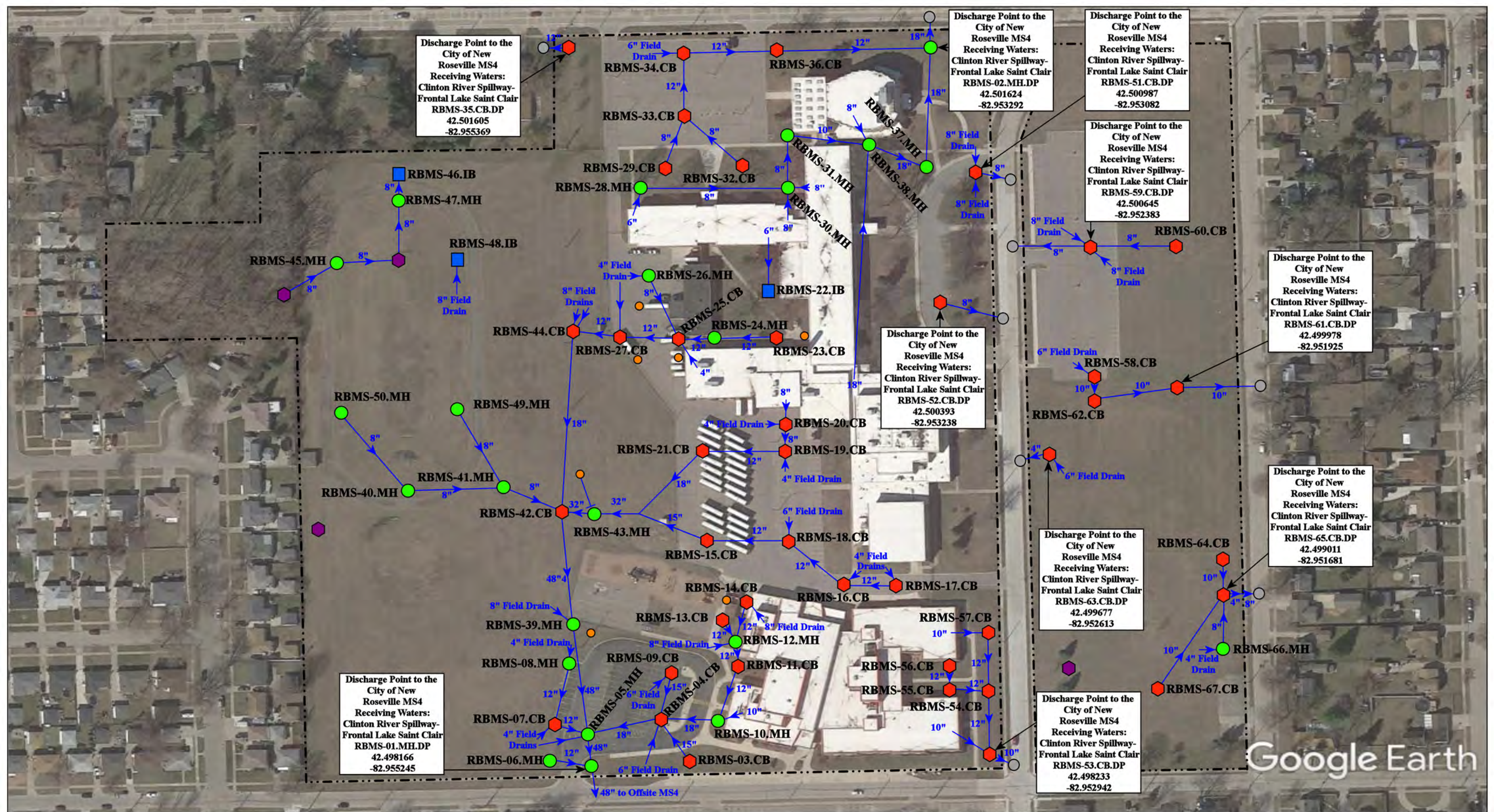
Google Earth

17855 Common Rd, Roseville, MI 48066

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
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- = Swale/Stormwater Conveyance Channel
- = Underground Detention System

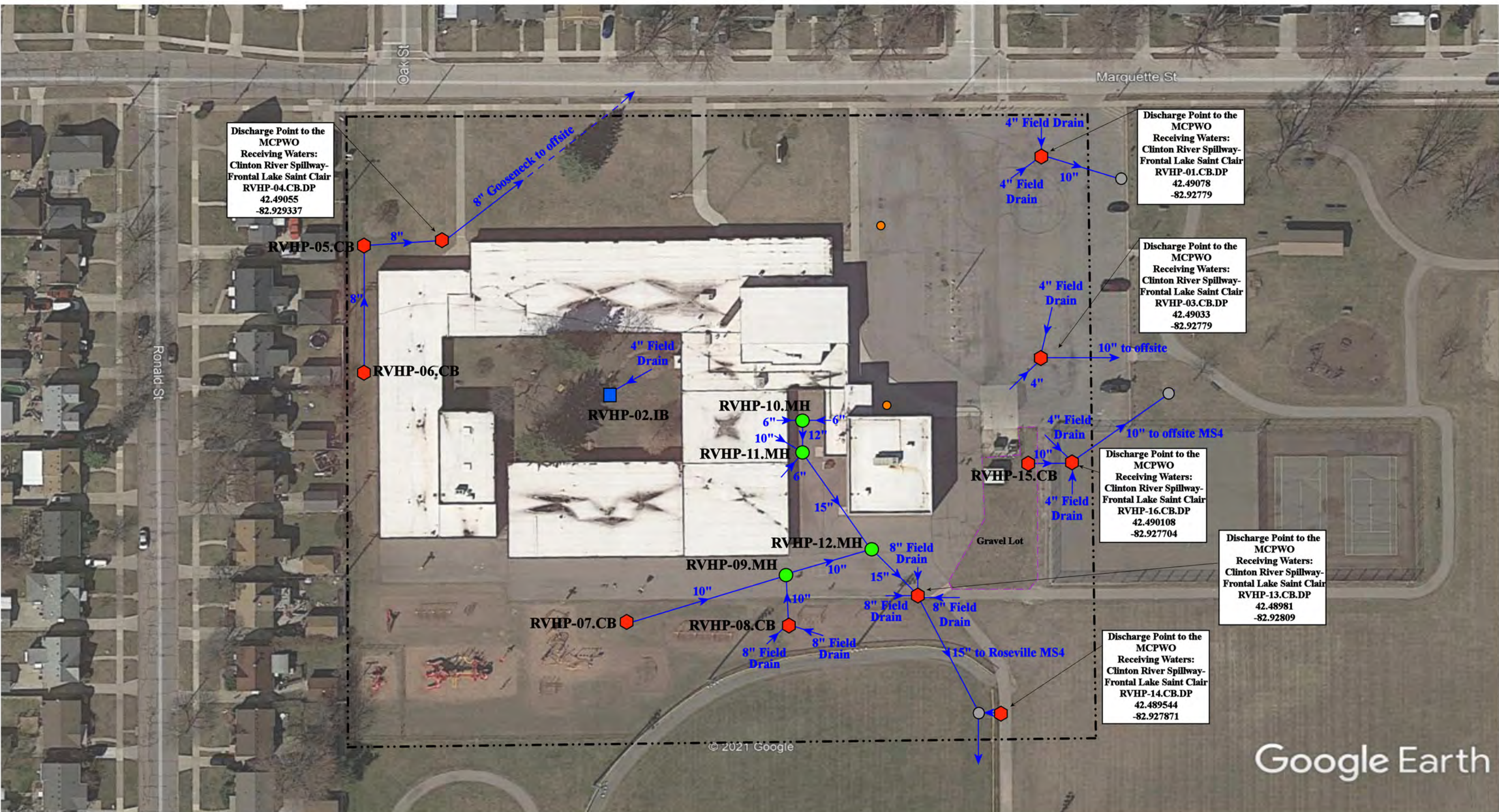


|                                                                                                                     |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| <b>Roseville High School</b>                                                                                        |  | Revision Date : | 8/11/2022    |
| Roseville Community Schools                                                                                         |  | Drawn by:       | CMJ          |
|                                                                                                                     |  | Reviewed:       | EDG          |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:         | 2 of 2       |
|                                                                                                                     |  | Scale:          | Not to Scale |



Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                  |                                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|-----------------------------------------------|--|
| <p> <span style="color: red;">●</span> = Catch Basin     <span style="color: blue;">■</span> = Infiltration Basin     <span style="color: purple;">■</span> = Buried Structure     <span style="color: teal;">●</span> = Pond/Basin<br/> <span style="color: green;">●</span> = Manhole     <span style="color: yellow;">▲</span> = Open Pipe Outlet     <span style="color: teal;">■</span> = Stabilized Outlet     <span style="color: teal;">~</span> = Swale/Stormwater<br/> <span style="color: blue;">●</span> = Basin Drain     <span style="color: orange;">▲</span> = Drainage Receptor     <span style="color: teal;">■</span> = Flow Splitter     <span style="color: teal;">—</span> = Conveyance Channel<br/> <span style="color: grey;">●</span> = Offsite MS4     <span style="color: blue;">—</span> = Trench Drain     <span style="color: teal;">●</span> = Hydrodynamic Separator     <span style="color: teal;">—</span> = Underground Detention System<br/> <span style="color: orange;">●</span> = Sanitary     <span style="color: blue;">- - -</span> = Property Lines </p> |  | <p>North</p>                     | <p>16250 Martin Road, Roseville, MI 48066</p> |  |
| <p>Roseville Middle School - Bus Garage -<br/>Steenland Elementary School Complex</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <p>Revision Date: 06/07/2022</p> |                                               |  |
| <p>Roseville Community School District</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <p>Drawn by: MRW</p>             |                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <p>Reviewed: EG</p>              |                                               |  |
| <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <p>Page #: 1 of 1</p>            |                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <p>Scale: Not to Scale</p>       |                                               |  |



Google Earth

18530 Marquette St., Roseville, MI 48066

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ⬡ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- ⬡ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ⬡ = Pond/Basin
- ⊡ = Swale/Stormwater Conveyance Channel
- ⊡ = Underground Detention System



Ruth H. Green Elementary School  
(Former Huron Park Elementary School)  
Roseville Community Schools

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 03/09/2023   |
| Drawn by:      | EMB          |
| Reviewed:      | MRW          |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Google Earth

16240 Guest Ct, Roseville, MI 48066

----- = Property Lines



|                                                                                       |  |                                                                                                                     |              |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Vacant Lot</b>                                                                     |  | Revision Date :                                                                                                     | 09/17/2021   |
|                                                                                       |  | Drawn by:                                                                                                           | JLP          |
| Roseville Community Schools                                                           |  | Reviewed:                                                                                                           | KD           |
|                                                                                       |  | Page #:                                                                                                             | 1 of 1       |
|  |  | Scale:                                                                                                              | Not to Scale |
|                                                                                       |  | <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |              |



Google Earth

16250 Guest Ct, Roseville, MI 48066

= Property Lines

North



**Vacant Lot**

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 09/17/2021   |
| Drawn by:       | JLP          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |





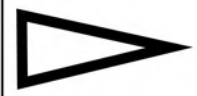
Discharge Point to the  
City of Roseville MS4  
Receiving Waters:  
Clinton River Spillway-  
Frontal Lake Saint Clair  
VFR-01.MH.DP  
42.488726  
-82.954229

----- = Property Lines

● = Manhole

■ = Infiltration Basin

North



16221 Frazho Road, Roseville, MI 48066

**Frazho Road Vacant Lot**

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 5/13/2021    |
| Drawn by:       | WM           |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Google Earth

29725 John J. St, Roseville, MI 48066

--- = Property Lines

- ⬠ = Catch Basin
- = Manhole
- = Offsite MS4



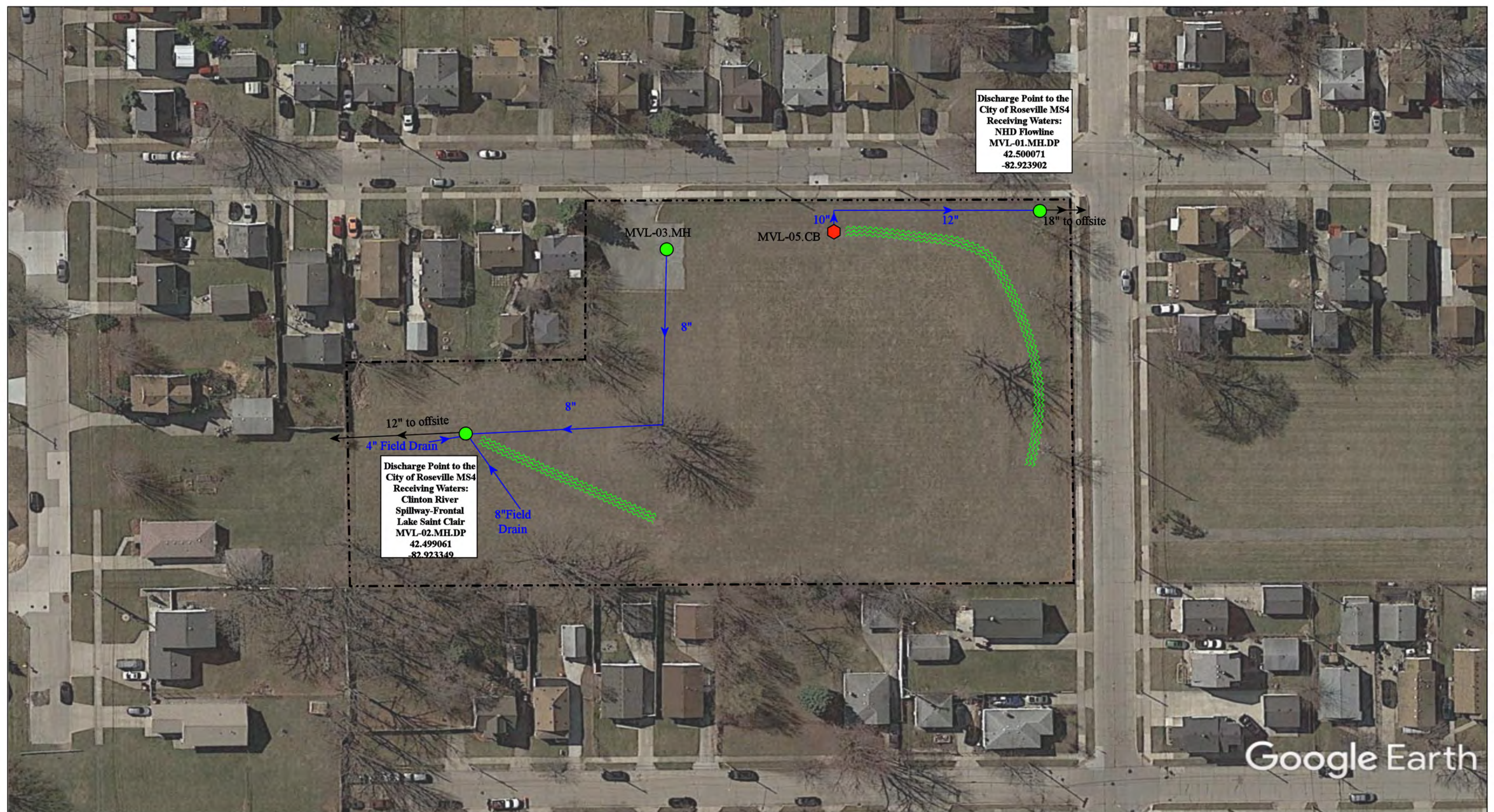
## John J. Street Vacant Lot

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 05/05/2021   |
| Drawn by:       | JLP          |
| Reviewed:       | EDG          |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the  
City of Roseville MS4  
Receiving Waters:  
NHD Flowline  
MVL-01.MH.DP  
42.500071  
-82.923902

Discharge Point to the  
City of Roseville MS4  
Receiving Waters:  
Clinton River  
Spillway-Frontal  
Lake Saint Clair  
MVL-02.MH.DP  
42.499061  
-82.923349

Google Earth

19140 Meier St, Roseville, MI 48066

- ◆ = Catch Basin
- = Manhole
- = City of Warren MS4
- - - - = Property Lines



### Meier Street Vacant Lot

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 4/20/2021    |
| Drawn by:       | BK           |
| Reviewed:       | EDG          |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the  
City of Roseville MS4  
Receiving Waters:  
NHD Flowline  
MEL-01.CB.DP  
42.505639  
-82.926856

12" to offsite MS4

MEL-02.CB

MEL-03.CB

4" Field Drain

MEL-04.CB

MEL-06.CB

MEL-05.IB

MEL-07.CB

8" Field Drain

6" Field Drain

Google Earth

18800 Melvin St, Roseville, MI 48066

◆ = Catch Basin

--- = Property Lines

■ = Infiltration Basin

◆ = Abandon Structure

○ = City of Roseville MS4



Melvin Street Vacant Lot

Roseville Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date: 5/21/21

Drawn by: MRW

Reviewed: EG

Page #: 1 of 1

Scale: Not to Scale

## Receiving Waters Table

| Utica Community Schools                                                  |                           |                                      |            |                              |                                         |               |
|--------------------------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|-----------------------------------------|---------------|
| FACILITY                                                                 | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                        | WATERSHED     |
| <b>Administrative Service Center (Gibbing Building)</b>                  | USNG-01.CB.DP             | 42.563009                            | -83.015535 | City of Sterling Heights MS4 | Plum Brook Drain                        | Clinton River |
|                                                                          | USNG-05.MH.DP             | 42.563009                            | -83.014439 | City of Sterling Heights MS4 | Plum Brook Drain                        | Clinton River |
|                                                                          | USNG-07.MH.DP             | 42.564115                            | -83.013593 | City of Sterling Heights MS4 | Plum Brook Drain                        | Clinton River |
|                                                                          | USNG-08.MH.DP             | 42.564149                            | -83.016142 | City of Sterling Heights MS4 | Plum Brook Drain                        | Clinton River |
| <b>Utica Center for Applied Learning</b>                                 | USTD-01.MH.DP             | 42.593809                            | -83.033812 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
| <b>Auxiliary Services Facility (ASF) Transportation</b>                  | USAS-01.OP.OF             | 42.594171                            | -83.043631 | Surface Waters of the State  | Plum Brook Drain                        | Clinton River |
|                                                                          | USAS-02MH.DP              | 42.590845                            | -83.045471 | Macomb Township MS4          | Plum Brook Drain                        | Clinton River |
|                                                                          | USAS-03.MH.DP             | 42.590954                            | -83.043755 | Macomb Township MS4          | Plum Brook Drain                        | Clinton River |
| <b>Beacon Tree Elementary School</b>                                     | USBT-32.FS.DP             | 42.702096                            | -82.999118 | City of Utica MS4            | Middle Branch Clinton River             | Clinton River |
|                                                                          | USBT-37.CB.DP             | 42.702842                            | -83.000304 | City of Utica MS4            | Middle Branch Clinton River             | Clinton River |
| <b>Beck Centennial Elementary School</b>                                 | USBC-20.OP.OF             | 42.697418                            | -82.972577 | Macomb Township MS4          | Middle Branch Clinton River             | Clinton River |
| <b>Bemis Jr High School and Browning Elementary School Complex</b>       | USBE-01.MH.DP             | 42.609319                            | -83.002097 | City of Sterling Heights MS4 | Cranberry Marsh Drain                   | Clinton River |
|                                                                          | USBE-08.MH.DP             | 42.607957                            | -83.005449 | City of Sterling Heights MS4 | Cranberry Marsh Drain                   | Clinton River |
| <b>Burr Elementary School</b>                                            | USBU-01.CB.DP             | 42.597117                            | -83.070367 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
|                                                                          | USBU-02.MH.DP             | 42.596847                            | -83.070656 | MCPWO MS4                    | Gibson Drain-Plum Brook Drain           | Clinton River |
|                                                                          | USBU-25.MH.DP             | 42.596269                            | -83.069717 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
|                                                                          | USBU-26.CB.DP             | 42.596250                            | -83.070128 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
| <b>Crissman Elementary School</b>                                        | CES-02.OP.OF              | 42.687844                            | -83.026356 | Surface Waters of the State  | Yates Drain-Middle Branch Clinton River | Clinton River |
| <b>Collins Elementary School</b>                                         | USCE-01.MH.DP             | 42.561005                            | -82.997463 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
|                                                                          | USCE-02.MH.DP             | 42.562551                            | -82.995978 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
|                                                                          | USCE-10.MH.DP             | 42.561100                            | -82.995960 | MCPWO MS4                    | Plum Brook Drain                        | Clinton River |
| <b>Davis Jr High School and Utica Community Education Center Complex</b> | USDJ-01.MH.DP             | 42.579400                            | -83.011562 | MCPWO MS4                    | Cranberry Marsh Drain                   | Clinton River |
| <b>Dekeyser Elementary School</b>                                        | USDK-01.CB.OF             | 42.584003                            | -83.004633 | MCPWO MS4                    | Cranberry Marsh Drain                   | Clinton River |
|                                                                          | USDK-03.CB.DP             | 42.584744                            | -83.006497 | MCPWO MS4                    | Cranberry Marsh Drain                   | Clinton River |
|                                                                          | USDK-08.CB.DP             | 42.585058                            | -83.004764 | MCPWO MS4                    | Cranberry Marsh Drain                   | Clinton River |
|                                                                          | USDK-09.CB.DP             | 42.584228                            | -83.006333 | MCPWO MS4                    | Cranberry Marsh Drain                   | Clinton River |
|                                                                          | USDK-11.CB.DP             | 42.584164                            | -83.006933 | MCPWO MS4                    | Cranberry Marsh Drain                   | Clinton River |
| <b>Dresden Elementary School</b>                                         | DRE-01.MH.DP              | 42.613635                            | -83.016268 | City of Sterling Heights MS4 | Cranberry Marsh Drain                   | Clinton River |
|                                                                          | DRE-10.MH.DP              | 42.612756                            | -83.017389 | City of Sterling Heights MS4 | Cranberry Marsh Drain                   | Clinton River |
| <b>Duncan Elementary School</b>                                          | USDE-18.MH.OF             | 42.711544                            | -82.983972 | Surface Waters of the State  | Middle Branch Clinton River             | Clinton River |

## Receiving Waters Table

| Utica Community Schools                                                                            |                           |                                      |            |                              |                      |               |
|----------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|----------------------|---------------|
| FACILITY                                                                                           | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS     | WATERSHED     |
| Ebeling Elementary School                                                                          | USEE-01.CB.DP             | 42.645519                            | -82.964889 | Macomb Township MS4          | Gloede Ditch         | Clinton River |
|                                                                                                    | USEE-02.MH.DP             | 42.647010                            | -82.964980 | Macomb Township MS4          | Gloede Ditch         | Clinton River |
|                                                                                                    | USEE-03.MH.DP             | 42.645575                            | -82.963754 | Macomb Township MS4          | Gloede Ditch         | Clinton River |
| Eisenhower High School and Mallow Jr High School Complex                                           | EMC-05.SCC.OF             | 42.691506                            | -83.047765 | Surface Waters of the State  | Lawson Drain         | Clinton River |
|                                                                                                    | EMC-09.SCC.OF             | 42.691772                            | -83.046917 | Surface Waters of the State  | Lawson Drain         | Clinton River |
|                                                                                                    | EMC-10.SCC.OF             | 42.691471                            | -83.047764 | Surface Waters of the State  | Lawson Drain         | Clinton River |
|                                                                                                    | EMC-14.DP.OF              | 42.695568                            | -83.046291 | Surface Waters of the State  | Woodston Drain       | Clinton River |
|                                                                                                    | EMC-16.OP.OF              | 42.695531                            | -83.046898 | Surface Waters of the State  | Woodston Drain       | Clinton River |
|                                                                                                    | EMC-91.CB.DP              | 42.698099                            | -83.046531 | MCPWO MS4                    | Yates Drain          | Clinton River |
| Epler Jr High School and Security Office Complex                                                   | EJH-05.MH.DP              | 42.628413                            | -83.036292 | City of Utica MS4            | Cranberry Marsh Dain | Clinton River |
|                                                                                                    | EJH-14.MH.DP              | 42.628660                            | -83.037060 | City of Utica MS4            | Cranberry Marsh Dain | Clinton River |
|                                                                                                    | EJH-16.CB.DP              | 42.629319                            | -83.037189 | City of Utica MS4            | Cranberry Marsh Dain | Clinton River |
|                                                                                                    | EJH-20.CB.DP              | 42.630154                            | -83.036628 | City of Utica MS4            | Cranberry Marsh Dain | Clinton River |
|                                                                                                    | EJH-21.OP.OF              | 42.628175                            | -83.040417 | Surface Waters of the State  | Cranberry Marsh Dain | Clinton River |
| Flickinger Elementary School                                                                       | FLG-08.LS.DP              | 42.630383                            | -83.022734 | City of Utica MS4            | Gloede Ditch         | Clinton River |
| Ford II High School                                                                                | UHF-56.FS.DP              | 42.604400                            | -83.014528 | City of Sterling Heights MS4 | Clinton River        | Clinton River |
| Graebner Elementary School                                                                         | USGE-01.MH.DP             | 42.602370                            | -82.984041 | MCPWO MS4                    | Cranberry Marsh Dain | Clinton River |
| Harvey Elementary School                                                                           | HAR-04.CB.DP              | 42.601099                            | -83.004114 | City of Sterling Heights MS4 | Cranberry Marsh Dain | Clinton River |
|                                                                                                    | HAR-07.CB.DP              | 42.601775                            | -83.001703 | City of Sterling Heights MS4 | Cranberry Marsh Dain | Clinton River |
| Havel Elementary School                                                                            | USHE-01.CB.DP             | 42.601625                            | -82.994516 | MCPWO MS4                    | Cranberry Marsh Dain | Clinton River |
|                                                                                                    | USHE-07.DR.DP             | 42.602951                            | -82.992155 | MCPWO MS4                    | Cranberry Marsh Dain | Clinton River |
| Heritage Jr High School and Oakbrook Elementary School Complex                                     | USHJ-01.CB.DP             | 42.586161                            | -83.007977 | MCPWO MS4                    | Plum Brook Drain     | Clinton River |
|                                                                                                    | USHJ-02.MH.DP             | 42.567078                            | -83.005786 | MCPWO MS4                    | Plum Brook Drain     | Clinton River |
|                                                                                                    | USHJ-25.CB.DP             | 42.567915                            | -83.007854 | MCPWO MS4                    | Plum Brook Drain     | Clinton River |
|                                                                                                    | USHJ-45.CB.DP             | 42.569081                            | -83.010168 | MCPWO MS4                    | Plum Brook Drain     | Clinton River |
| Joan C. Sergent Instructional Resource Center (IRC) (Utica Center for Math, Science, & Technology) | USSI-01.CB.DP             | 42.614138                            | -82.982855 | City of Sterling Heights MS4 | Gloede Ditch         | Clinton River |
| Jeanette Jr. High School                                                                           | USJJ-01.CB.DP             | 42.590155                            | -83.079171 | City of Sterling Heights MS4 | Gibson Drain         | Clinton River |

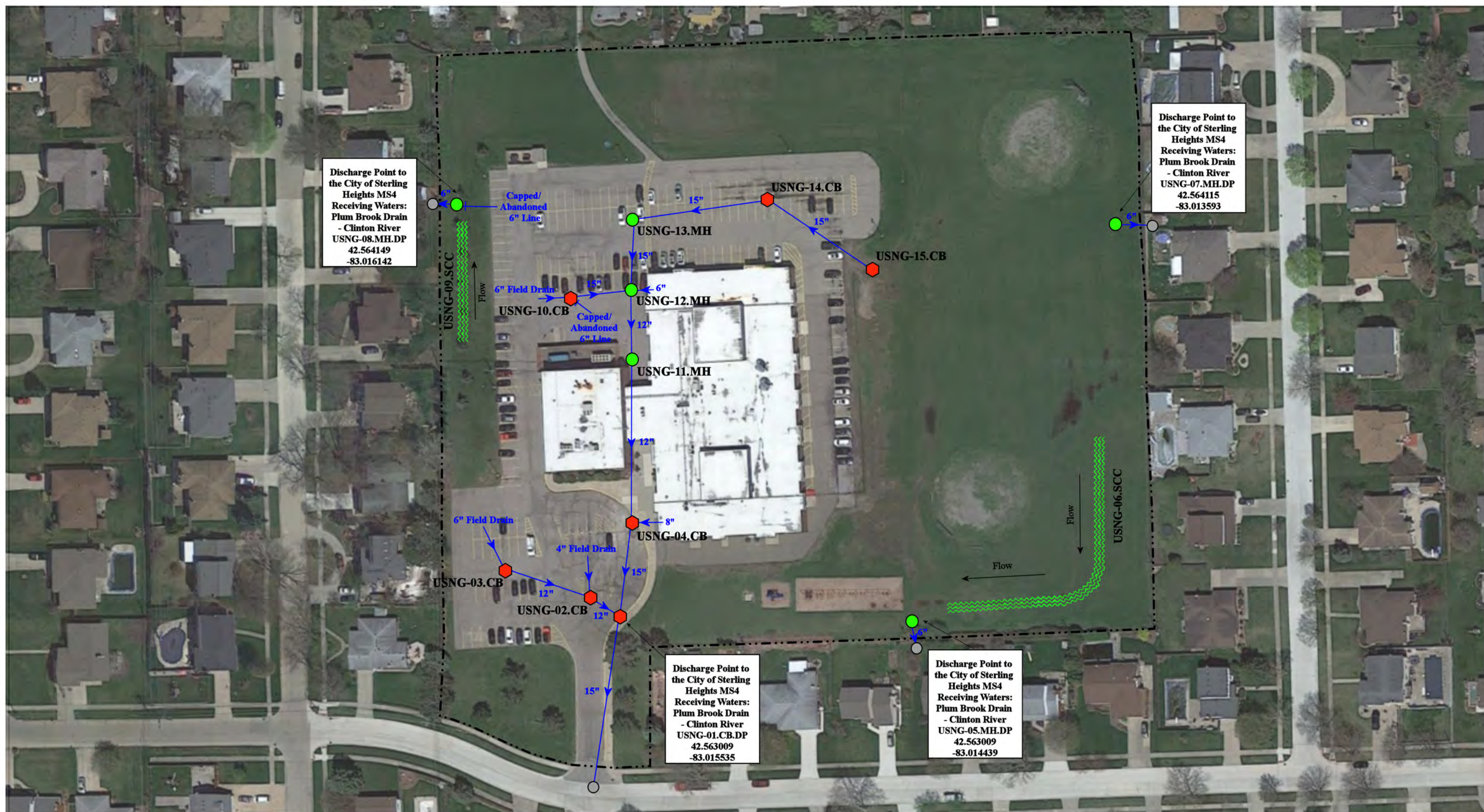
## Receiving Waters Table

| Utica Community Schools                                  |                           |                                      |            |                              |                               |               |
|----------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|-------------------------------|---------------|
| FACILITY                                                 | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS              | WATERSHED     |
| <b>Rose Kidd Elementary School<br/>(Closed Facility)</b> | USRK-02.MH.DP             | 42.578089                            | -82.997641 | City of Sterling Heights MS4 | Cranberry Marsh Dain          | Clinton River |
|                                                          | USRK-03.CB.DP             | 42.578384                            | -82.997877 | City of Sterling Heights MS4 | Cranberry Marsh Dain          | Clinton River |
|                                                          | USRK-13.CB.DP             | 42.577884                            | -82.999299 | City of Sterling Heights MS4 | Cranberry Marsh Dain          | Clinton River |
|                                                          | USRK-14.CB.DP             | 42.578259                            | -82.999273 | City of Sterling Heights MS4 | Cranberry Marsh Dain          | Clinton River |
| <b>Messmore Education Center</b>                         | USMS-01.MH.DP             | 42.576418                            | -83.020403 | City of Sterling Heights MS4 | Plum Brook Drain              | Clinton River |
|                                                          | USMS-03.CB.DP             | 42.576353                            | -83.022017 | City of Sterling Heights MS4 | Plum Brook Drain              | Clinton River |
|                                                          | USMS-04.MH.DP             | 42.576839                            | -83.020720 | City of Sterling Heights MS4 | Plum Brook Drain              | Clinton River |
|                                                          | USMS-06.CB.DP             | 42.576353                            | -83.022017 | City of Sterling Heights MS4 | Plum Brook Drain              | Clinton River |
|                                                          | USMS-09.SCC.OF            | 42.575934                            | -83.020359 | Surface Waters of the State  | Plum Brook Drain              | Clinton River |
|                                                          | USMS-14.CB.DP             | 42.575253                            | -83.021896 | City of Sterling Heights MS4 | Plum Brook Drain              | Clinton River |
| <b>Monfort Elementary School</b>                         | MES-07.OP.OF              | 42.676002                            | -83.046456 | Surface Waters of the State  | Kingsberry Drain              | Clinton River |
| <b>Morgan Elementary School</b>                          | MES-09.OP.OF              | 42.690942                            | -83.049545 | Surface Waters of the State  | Lawson Drain                  | Clinton River |
| <b>Plumbrook Elementary School</b>                       | USPE-01.CB.DP             | 42.583722                            | -83.021264 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
|                                                          | USPE-02.CB.DP             | 42.584928                            | -83.019331 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
|                                                          | USPE-13.BD.DP             | 42.582897                            | -83.019442 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
| <b>Roberts Elementary School</b>                         | ROB-06.CB.DP              | 42.676770                            | -83.091480 | City of Utica MS4            | Cranberry Marsh Dain          | Clinton River |
|                                                          | ROB-07.MH.DP              | 42.676785                            | -83.092174 | City of Utica MS4            | Cranberry Marsh Dain          | Clinton River |
|                                                          | ROB-11.MH.DP              | 42.676768                            | -83.089922 | City of Utica MS4            | Cranberry Marsh Dain          | Clinton River |
| <b>Schuchard Elementary School</b>                       | USCC-01.MH.DP             | 42.582535                            | -83.079293 | MCPWO MS4                    | Big Beaver Creek              | Clinton River |
|                                                          | USCC-015.MH.DP            | 42.583687                            | -83.081038 | MCPWO MS4                    | Gibson Drain-Plum Brook Drain | Clinton River |
| <b>Schwarzkoﬀ Elementary School</b>                      | USSK-01.CB.DP             | 42.591923                            | -83.024613 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
|                                                          | USSK-02.MH.DP             | 42.591924                            | -83.024532 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
|                                                          | USSK-05.MH.DP             | 42.592678                            | -83.023285 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
|                                                          | USSK-12.MH.DP             | 42.593351                            | -83.023526 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
|                                                          | USSK-13.CB.DP             | 42.591910                            | -83.023486 | MCPWO MS4                    | Cranberry Marsh Dain          | Clinton River |
| <b>Shelby Jr. High School</b>                            | SHLB-24.DR.DP             | 42.673940                            | -83.025082 | Shelby Township MS4          | Gloede Ditch                  | Clinton River |
| <b>Stevenson High School</b>                             | USSH-13.CB.DP             | 42.585863                            | -83.011381 | City of Sterling Heights MS4 | Cranberry-Marsh Drain         | Clinton River |
|                                                          | USSH-14.OP.DP             | 42.586349                            | -83.011131 | City of Sterling Heights MS4 | Cranberry-Marsh Drain         | Clinton River |
|                                                          | USSH-15.CB.DP             | 42.586814                            | -83.011299 | City of Sterling Heights MS4 | Cranberry-Marsh Drain         | Clinton River |
|                                                          | USSH-23.CB.DP             | 42.587764                            | -83.012605 | City of Sterling Heights MS4 | Cranberry-Marsh Drain         | Clinton River |
|                                                          | USSH-40.CB.DP             | 42.587859                            | -83.015492 | City of Sterling Heights MS4 | Cranberry-Marsh Drain         | Clinton River |
| <b>Switzer Elementary School</b>                         | SES-06.CB.DP              | 42.684536                            | -83.067860 | Shelby Township MS4          | Yates Drain                   | Clinton River |

## Receiving Waters Table

| Utica Community Schools      |                              |                                         |            |                                 |                      |               |
|------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|----------------------|---------------|
| FACILITY                     | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS     | WATERSHED     |
| Utica High School            | USUH-01.MH.OF                | 42.642161                               | -83.045842 | Surface Waters of the State     | Cranberry Marsh Dain | Clinton River |
|                              | USUH-04.CB.DP                | 42.640675                               | -83.039242 | City of Utica MS4               | Clinton River        | Clinton River |
| West Utica Elementary School | WUE-11.CB.DP                 | 42.629876                               | -83.058914 | Shelby Township MS4             | Plum Brook Drain     | Clinton River |
| Wiley Elementary School      | N/A                          | N/A                                     | N/A        | N/A                             | N/A                  | Clinton River |





Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain  
 - Clinton River  
 USNG-08.MH.DP  
 42.564149  
 -83.016142

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain  
 - Clinton River  
 USNG-07.MH.DP  
 42.564115  
 -83.013593

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain  
 - Clinton River  
 USNG-01.CB.DP  
 42.563009  
 -83.015535

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain  
 - Clinton River  
 USNG-05.MH.DP  
 42.563009  
 -83.014439

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



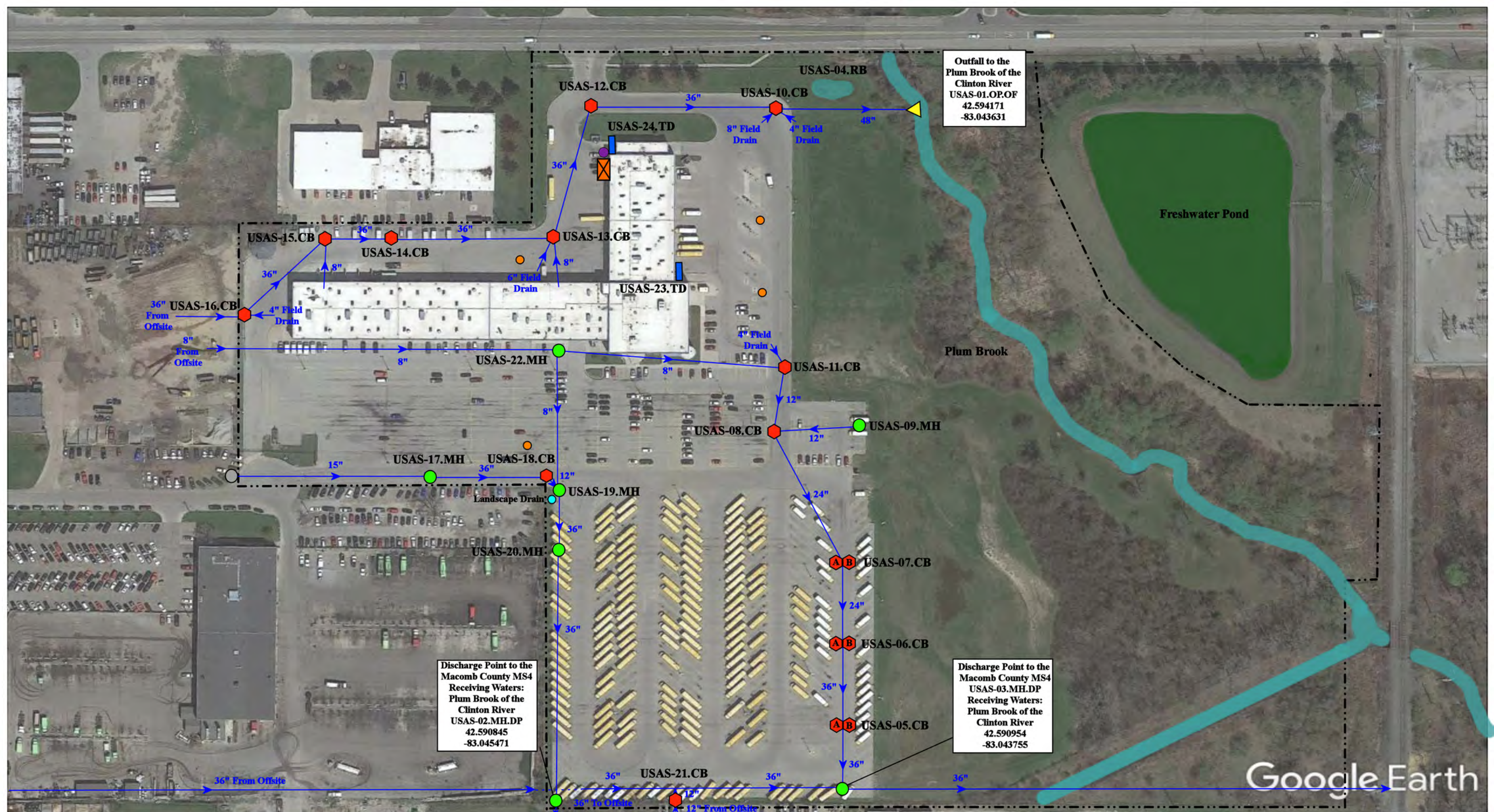
11303 Greendale Drive, Sterling Heights, MI 48312

Administrative Service Center (Gibbing Building)

Utica Community Schools

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 08/18/2022   |
| Drawn by:       | LEK          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Outfall to the Plum Brook of the Clinton River  
 USAS-01.OP.OF  
 42.594171  
 -83.043631

Discharge Point to the Macomb County MS4  
 Receiving Waters:  
 Plum Brook of the Clinton River  
 USAS-02.MH.DP  
 42.590845  
 -83.045471

Discharge Point to the Macomb County MS4  
 Receiving Waters:  
 Plum Brook of the Clinton River  
 USAS-03.MH.DP  
 42.590954  
 -83.043755

Google Earth

6600 18 Mile Road, Sterling Heights, MI, 48314

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Filling Station Reservoir
- = Oil Water Separator



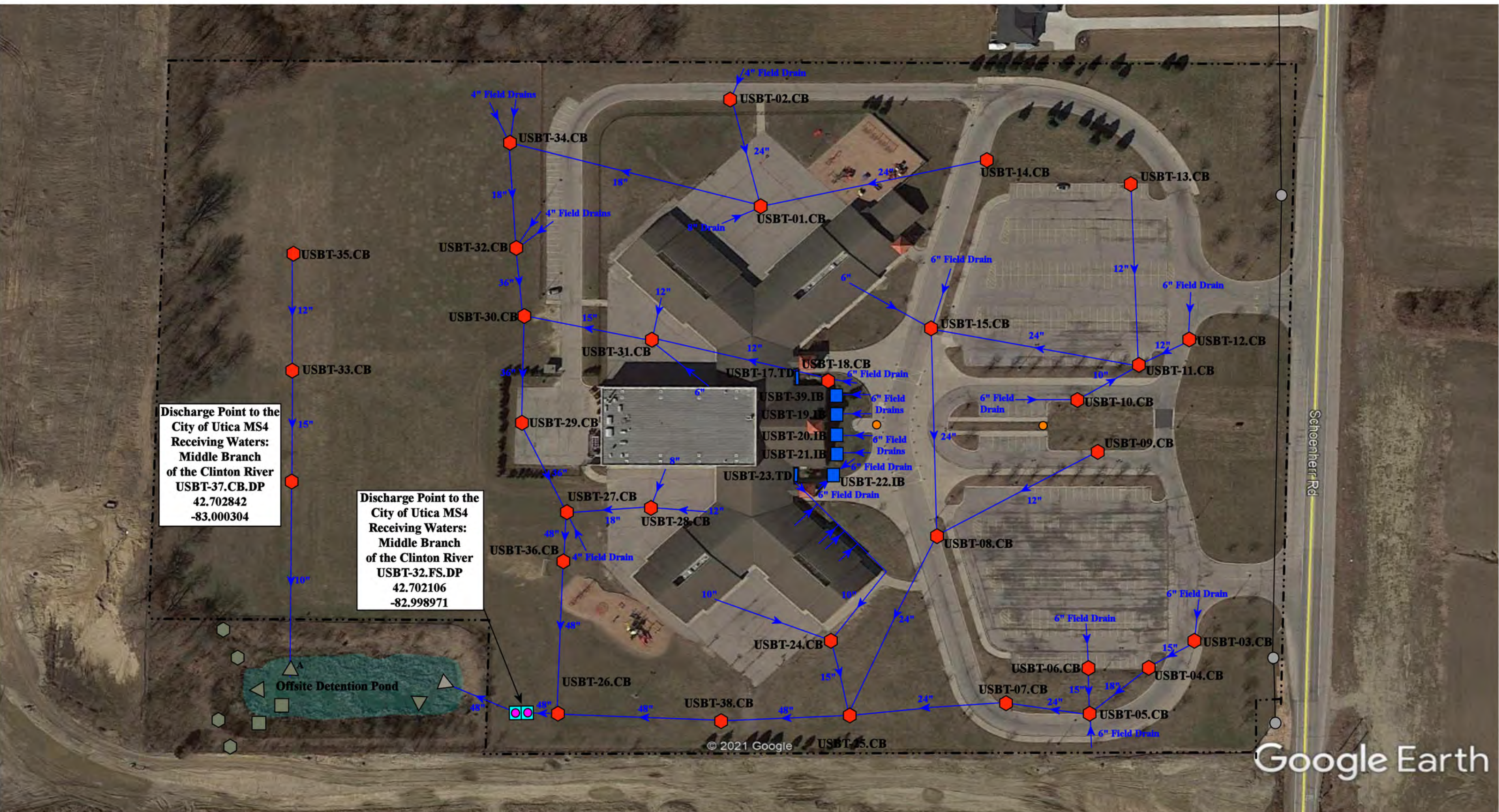
## Auxiliary Services Facility

Utica Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 08/19/2022   |
| Drawn by:       | WM           |
| Reviewed:       | CJ           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the City of Utica MS4  
 Receiving Waters:  
 Middle Branch  
 of the Clinton River  
 USBT-37.CB.DP  
 42.702842  
 -83.000304

Discharge Point to the City of Utica MS4  
 Receiving Waters:  
 Middle Branch  
 of the Clinton River  
 USBT-32.FS.DP  
 42.702106  
 -82.998971

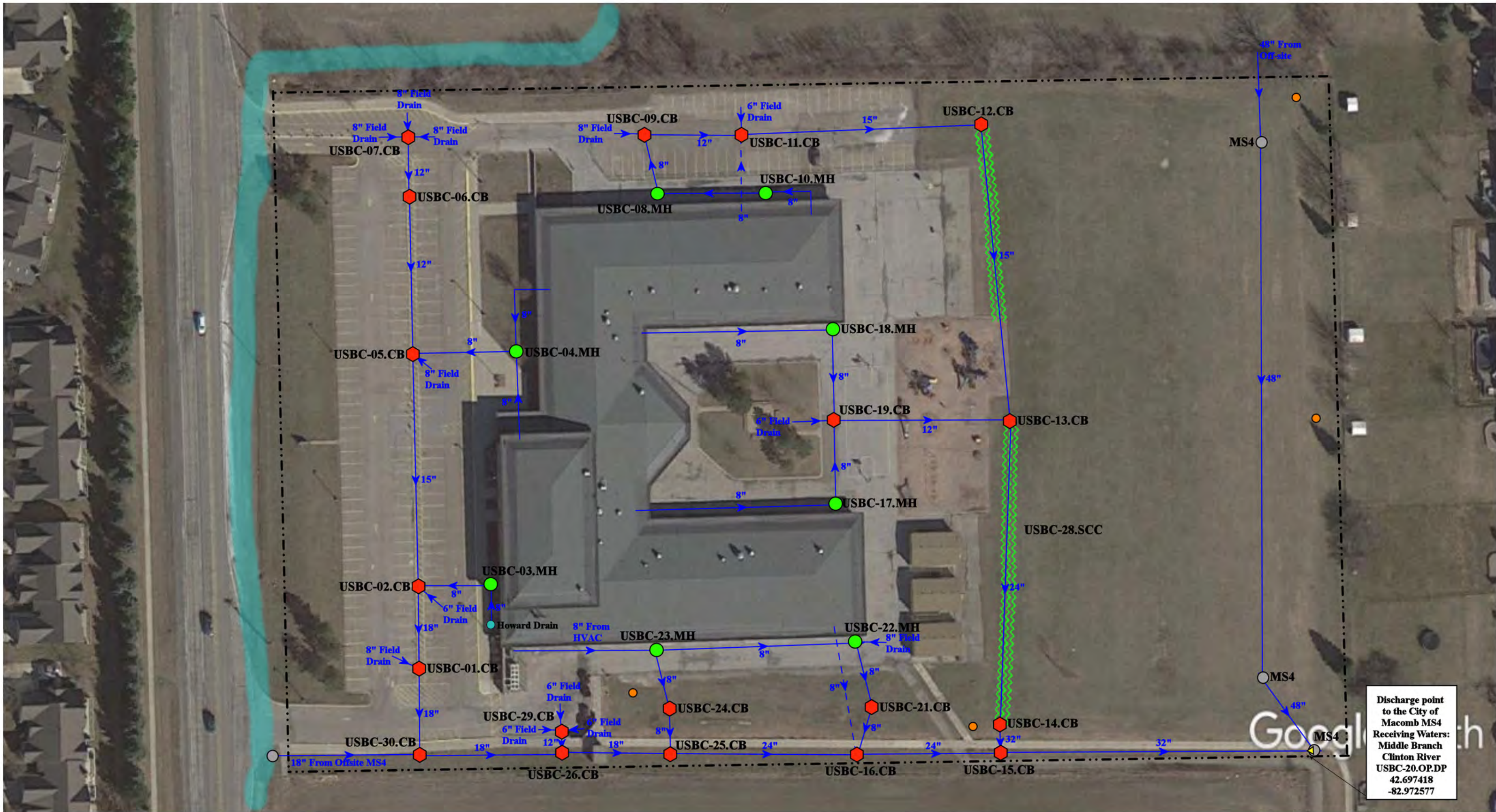
- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System
- - - = Property Lines



55885 Schoenherr Rd, Shelby Township, MI 48315

|                                                                                                             |                 |           |
|-------------------------------------------------------------------------------------------------------------|-----------------|-----------|
| <h2 style="margin: 0;">Beacon Tree Elementary School</h2> <p style="margin: 0;">Utica Community Schools</p> | Revision Date : | 5/11/2023 |
|                                                                                                             | Drawn by:       | SF        |
|                                                                                                             | Reviewed:       | EG        |
|                                                                                                             | Page #:         | 1 of 1    |
| Scale:                                                                                                      | Not to Scale    |           |

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305



Discharge point to the City of Macomb MS4  
 Receiving Waters: Middle Branch Clinton River  
 USBC-20.OP.DP  
 42.697418  
 -82.972577

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



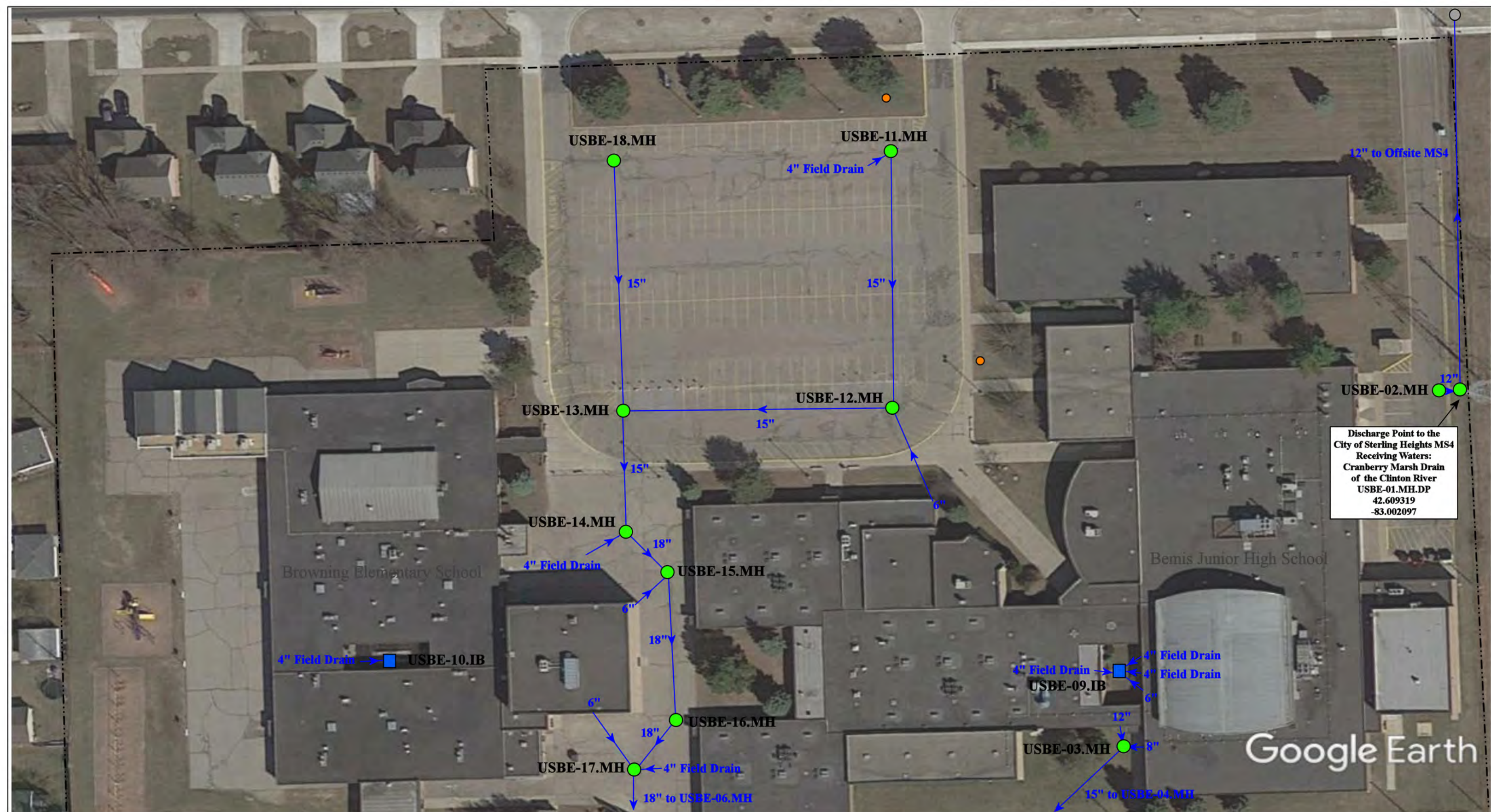
54600 Hayes Road, Macomb, MI 48042

## Beck Centennial Elementary School

Utica Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 03/07/2023   |
| Drawn by:       | EMB          |
| Reviewed:       | MRW          |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the  
City of Sterling Heights MS4  
Receiving Waters:  
Cranberry Marsh Drain  
of the Clinton River  
USBE-01.MH.DP  
42.609319  
-83.002097

Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                             |  |                                                                                                    |                                                                                                                                                                             |  |                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - - = Property Lines</li> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: pink;">◻</span> = Flow Splitter</li> <li><span style="color: blue;">⊗</span> = Hydrodynamic Separator</li> <li><span style="color: lightblue;">▭</span> = Pond/Basin</li> <li><span style="color: green;">⋯</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">▭</span> = Underground Detention System</li> </ul> |  |                                                                                                             |  | <p>North</p>  | <p>12400 and 12500 19 Mile Road, Sterling Heights, MI 48313</p> <p><b>Bemis Jr. High School &amp; Browning Elementary School Complex</b></p> <p>Utica Community Schools</p> |  | <p>Revision Date: 1/25/2023</p> <p>Drawn by: JLP</p> <p>Reviewed: EDG</p> <p>Page #: 1 of 2</p> <p>Scale: Not to Scale</p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |  |                                                                                                    |                                                                                                                                                                             |  |                                                                                                                            |

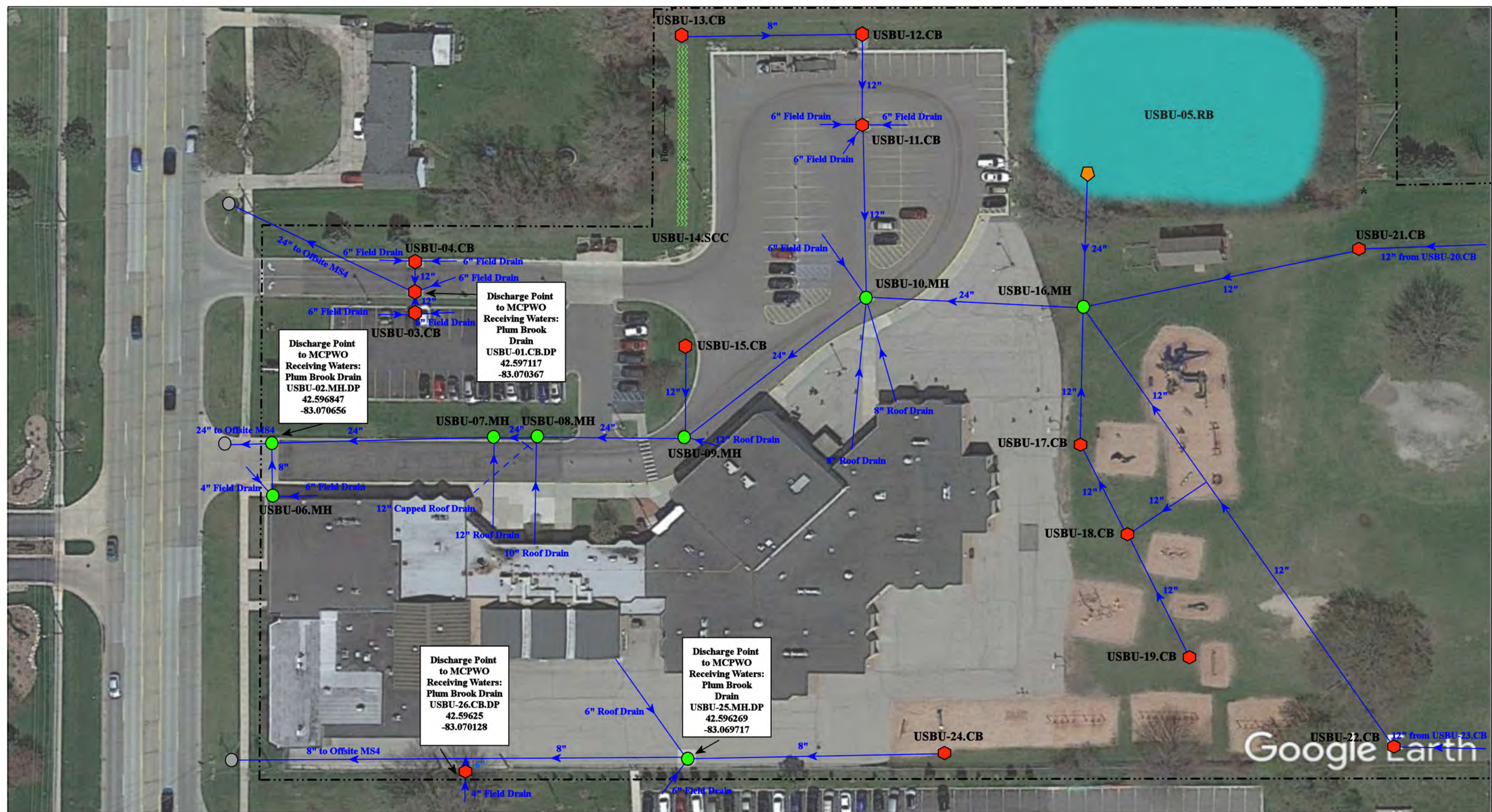


Discharge Point to the  
City of Sterling Heights MS4  
Receiving Waters:  
Cranberry Marsh Drain  
of the Clinton River  
USBE-08.MH.DP  
42.607957  
-83.005449

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| 12400 and 12500 19 Mile Road, Sterling Heights, MI 48313                                                            |  | Revision Date: | 1/25/2023    |
| Bemis Jr. High School &<br>Browning Elementary School Complex                                                       |  | Drawn by:      | JLP          |
| Utica Community Schools                                                                                             |  | Reviewed:      | EDG          |
|                                                                                                                     |  | Page #:        | 2 of 2       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:         | Not to Scale |



----- = Property Boundaries

⬠ = Catch Basin

● = Manhole

⬠ = Drainage Receptor

⋯ = Stormwater Conveyance Channel

⬠ = Retention Basin

\* = Pond Access Point

○ = Offsite MS4

North



41460 Ryan Rd, Sterling Heights, MI 48314

# Burr Elementary School

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date: 09/08/2020

Drawn by: CD

Reviewed: KD

Page #: 1 of 2

Scale: Not to Scale



Google Earth

41460 Ryan Rd, Sterling Heights, MI 48314

**Burr Elementary School**

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 09/08/2020   |
| Drawn by:       | CD           |
| Reviewed:       | KD           |
| Page #:         | 2 of 2       |
| Scale:          | Not to Scale |

----- = Property Boundaries      = Retention Basin

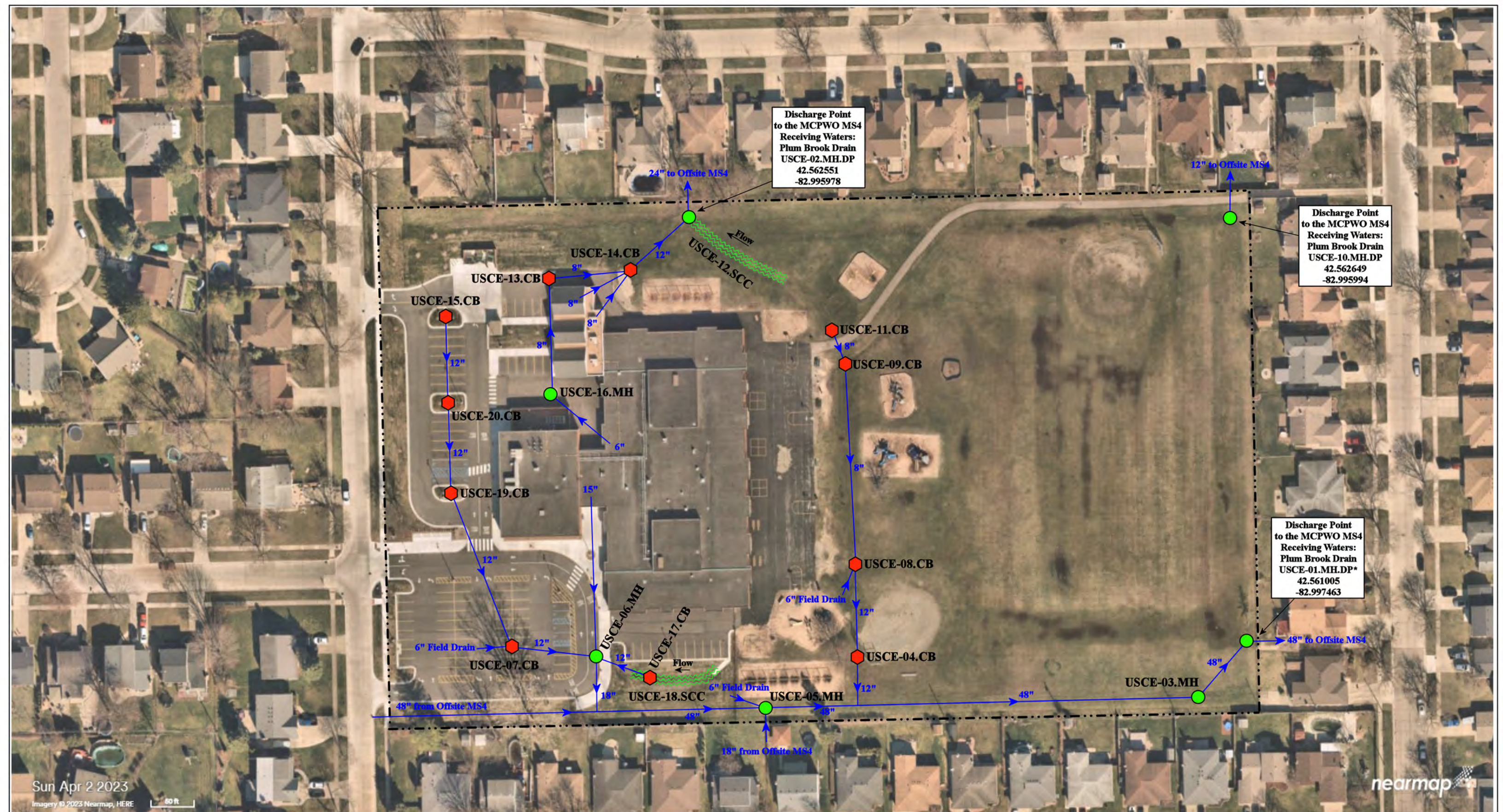
⬠ = Catch Basin

\* = Pond Entrance

North







Sun Apr 2 2023  
 Imagery © 2023 Nearmap, HERE  
 60 ft

nearmap

Discharge Point  
 to the MCPWO MS4  
 Receiving Waters:  
 Plum Brook Drain  
 USCE-02.MH.DP  
 42.562551  
 -82.995978

Discharge Point  
 to the MCPWO MS4  
 Receiving Waters:  
 Plum Brook Drain  
 USCE-10.MH.DP  
 42.562649  
 -82.995994

Discharge Point  
 to the MCPWO MS4  
 Receiving Waters:  
 Plum Brook Drain  
 USCE-01.MH.DP\*  
 42.561005  
 -82.997463

12900 Grand Haven Dr. Sterling Heights, MI 48312

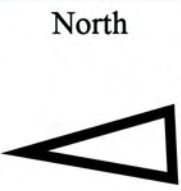
**Collins Elementary School**

Utica Community Schools

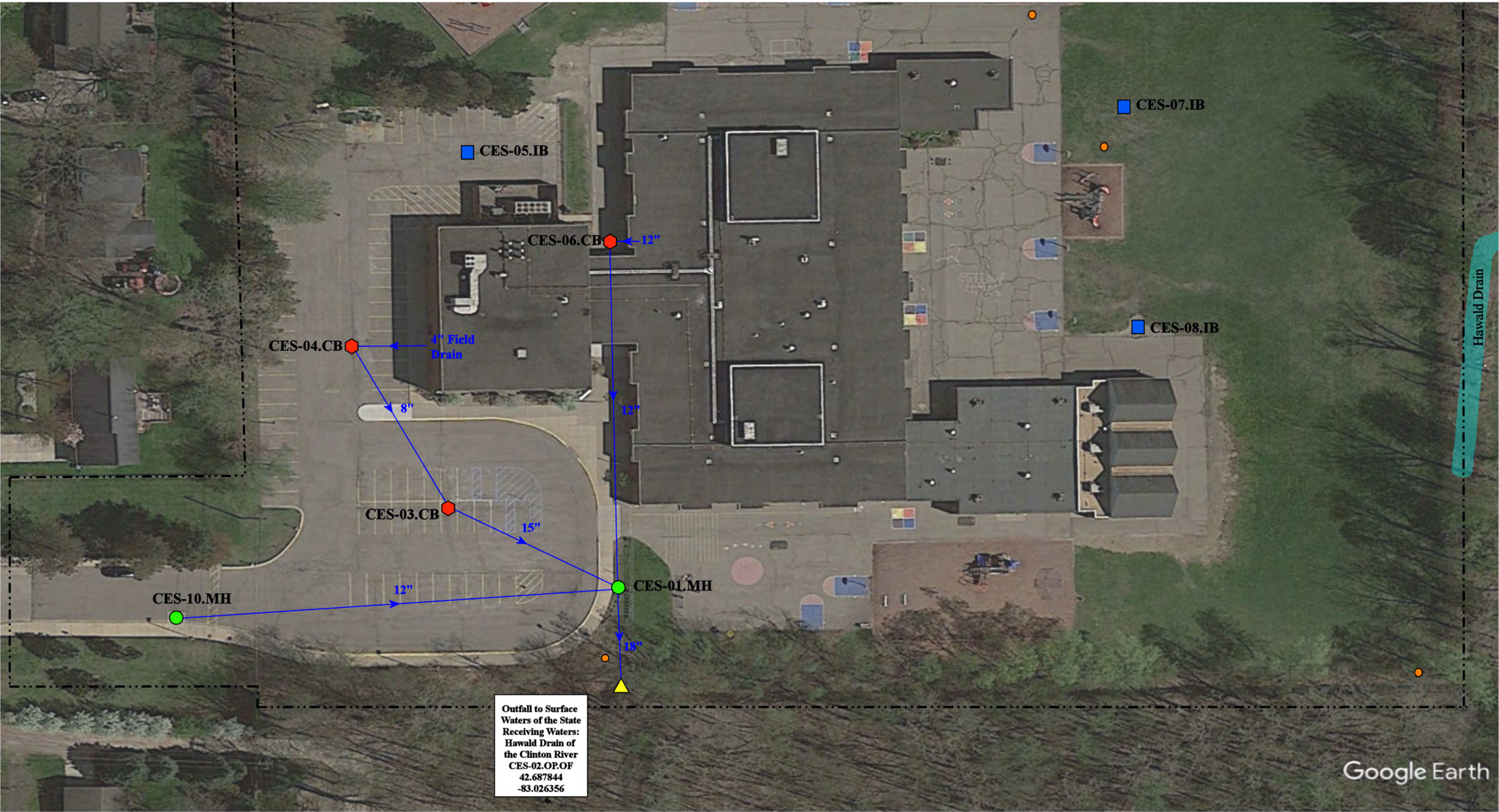


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                |              |
|----------------|--------------|
| Revision Date: | 06/19/2023   |
| Drawn by:      | JK           |
| Reviewed:      | KD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Outfall to Surface Waters of the State  
 Receiving Waters:  
 Hawald Drain of the Clinton River  
 CES-02.OP.OF  
 42.687844  
 -83.026356

Google Earth

- ◆ = Catch Basin   
 ■ = Infiltration Basin   
 ◆ = Buried Structure   
 ■ = Pond/Basin
- = Manhole   
 ▲ = Open Pipe Outlet   
 ◆ = Stabilized Outlet   
 ■ = Swale/Stormwater
- = Basin Drain   
 ◆ = Drainage Receptor   
 ■ = Flow Splitter   
 ▬ = Conveyance Channel
- = Offsite MS4   
 ▬ = Trench Drain   
 ● = Hydrodynamic Separator   
 ▬ = Underground Detention System
- = Sanitary   
 --- = Property Lines



|                                                                                                                                                |  |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------|--------------|
| 53550 Wolf Dr, Shelby Township, MI 48316                                                                                                       |  |  | Revision Date : | 12/14/2022   |
| <b>Crissman Elementary School</b>                                                                                                              |  |  | Drawn by:       | EMB          |
| Utica Community Schools                                                                                                                        |  |  | Reviewed:       | MRW          |
|                                                                                                                                                |  |  | Page #:         | 1 of 2       |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  |  | Scale:          | Not to Scale |



53550 Wolf Dr, Shelby Township, MI 48316

## Crissman Elementary School

Utica Community Schools

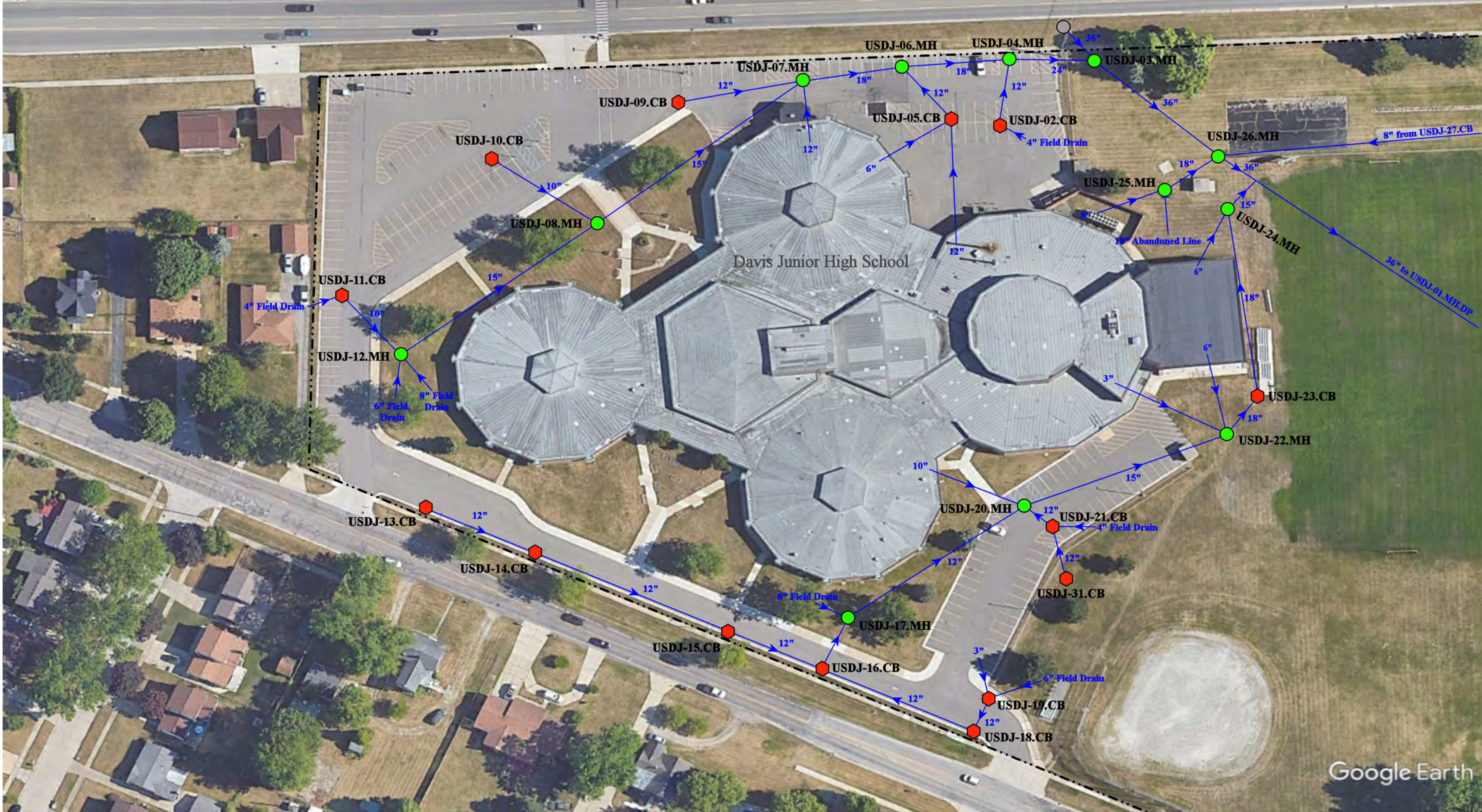


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 12/14/2022   |
| Drawn by:      | EMB          |
| Reviewed:      | MRW          |
| Page #:        | 2 of 2       |
| Scale:         | Not to Scale |



|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



Google Earth


- ⬢ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



11311 Plumbrook Road; 38901 Dodge Park Road, Sterling Heights, Michigan 48312

**Davis Jr. High School and Utica Community Education Center Complex**

Utica Community Schools

 37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 06/19/2023   |
| Drawn by:      | KD           |
| Reviewed:      | CJ           |
| Page #:        | 1 of 3       |
| Scale:         | Not to Scale |



Discharge to the  
MCPWO MS4  
Receiving Waters:  
Cranberry Marsh Drain  
of the Clinton River  
USDJ-01.MH.DP  
42.579400  
-83.011562

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- ▨ = Underground Detention System



11311 Plumbrook Road; 38901 Dodge Park Road, Sterling Heights, Michigan 48312

**Davis Jr. High School and Utica Community Education Center Complex**  
Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 06/19/2023   |
| Drawn by:      | KD           |
| Reviewed:      | CJ           |
| Page #:        | 2 of 3       |
| Scale:         | Not to Scale |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary

- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- - - = Property Lines

- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊕ = Hydrodynamic Separator


- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System

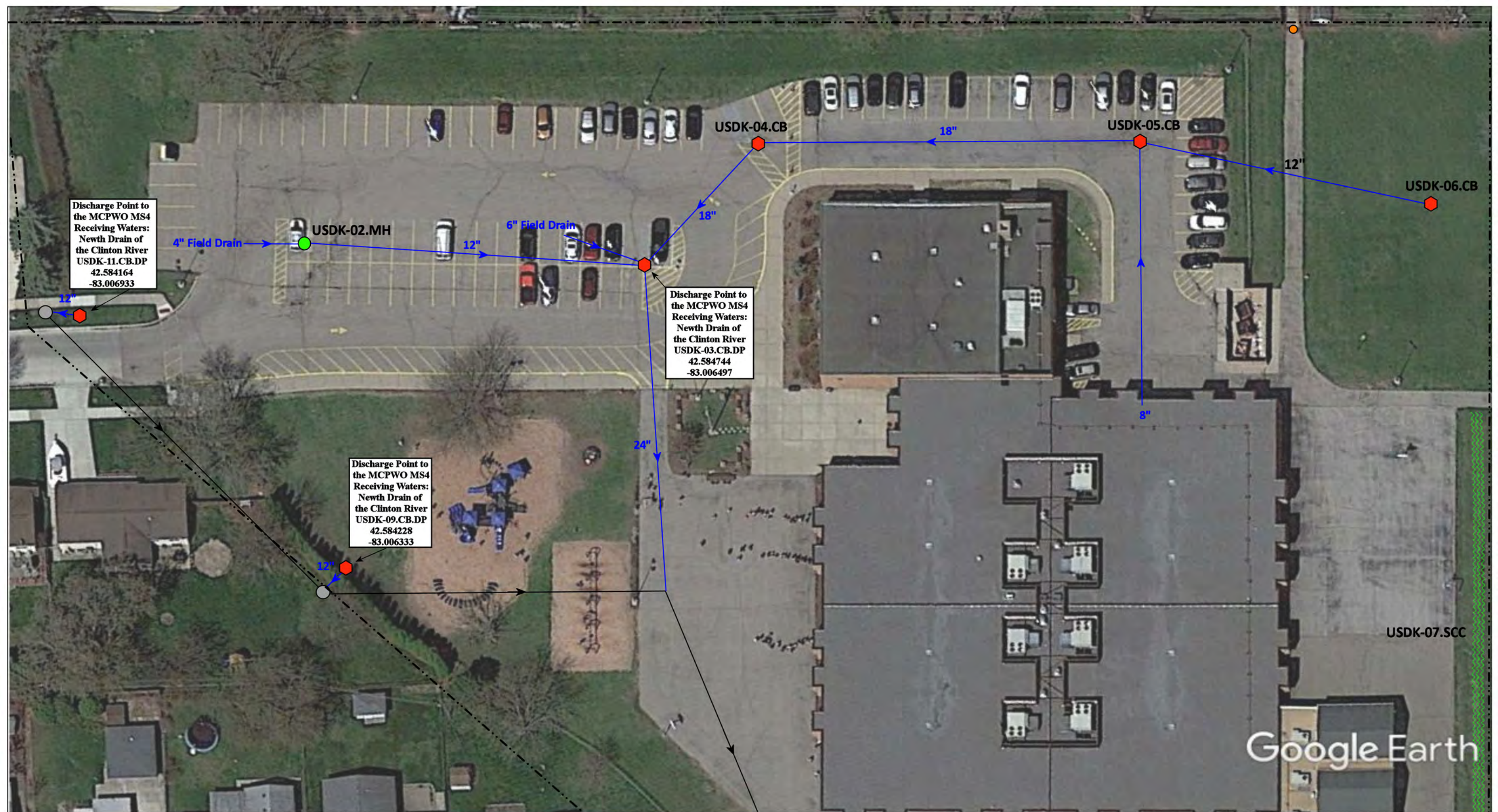


11311 Plumbrook Road; 38901 Dodge Park Road, Sterling Heights, Michigan 48312

**Davis Jr. High School and Utica Community Education Center Complex**

Utica Community Schools

|                                                                                       |                                                                                                   |              |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------|
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |              |
|                                                                                       | Revision Date:                                                                                    | 06/20/2023   |
|                                                                                       | Drawn by:                                                                                         | KD           |
|                                                                                       | Reviewed:                                                                                         | CJ           |
| Page #:                                                                               |                                                                                                   | 3 of 3       |
| Scale:                                                                                |                                                                                                   | Not to Scale |



Discharge Point to the MCPWO MS4  
Receiving Waters:  
Newth Drain of the Clinton River  
USDK-11.CB.DP  
42.584164  
-83.006933

Discharge Point to the MCPWO MS4  
Receiving Waters:  
Newth Drain of the Clinton River  
USDK-03.CB.DP  
42.584744  
-83.006497

Discharge Point to the MCPWO MS4  
Receiving Waters:  
Newth Drain of the Clinton River  
USDK-09.CB.DP  
42.584228  
-83.006333

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                                               |                                                                                                   |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------|
| 39600 Atkinson Dr, Sterling Heights, MI 48313 |                                                                                                   |
| <b>De Keyser Elementary School</b>            |                                                                                                   |
| Utica Community Schools                       |                                                                                                   |
|                                               | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date :                               | 08/22/2022                                                                                        |
| Drawn by:                                     | KD                                                                                                |
| Reviewed:                                     | LE                                                                                                |
| Page #:                                       | 1 of 2                                                                                            |
| Scale:                                        | Not to Scale                                                                                      |



Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Newth Drain of the Clinton River  
 USDK-08.CB.DP  
 42.585058  
 -83.004764

Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Newth Drain of the Clinton River  
 USDK-10.MH.DP  
 42.584342  
 -83.003467

Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Newth Drain of the Clinton River  
 USDK-01.CB.OF  
 42.584003  
 -83.004633

USDK-07.SCC

Google Earth

39600 Atkinson Dr, Sterling Heights, MI 48313

De Keyser Elementary School

Utica Community Schools



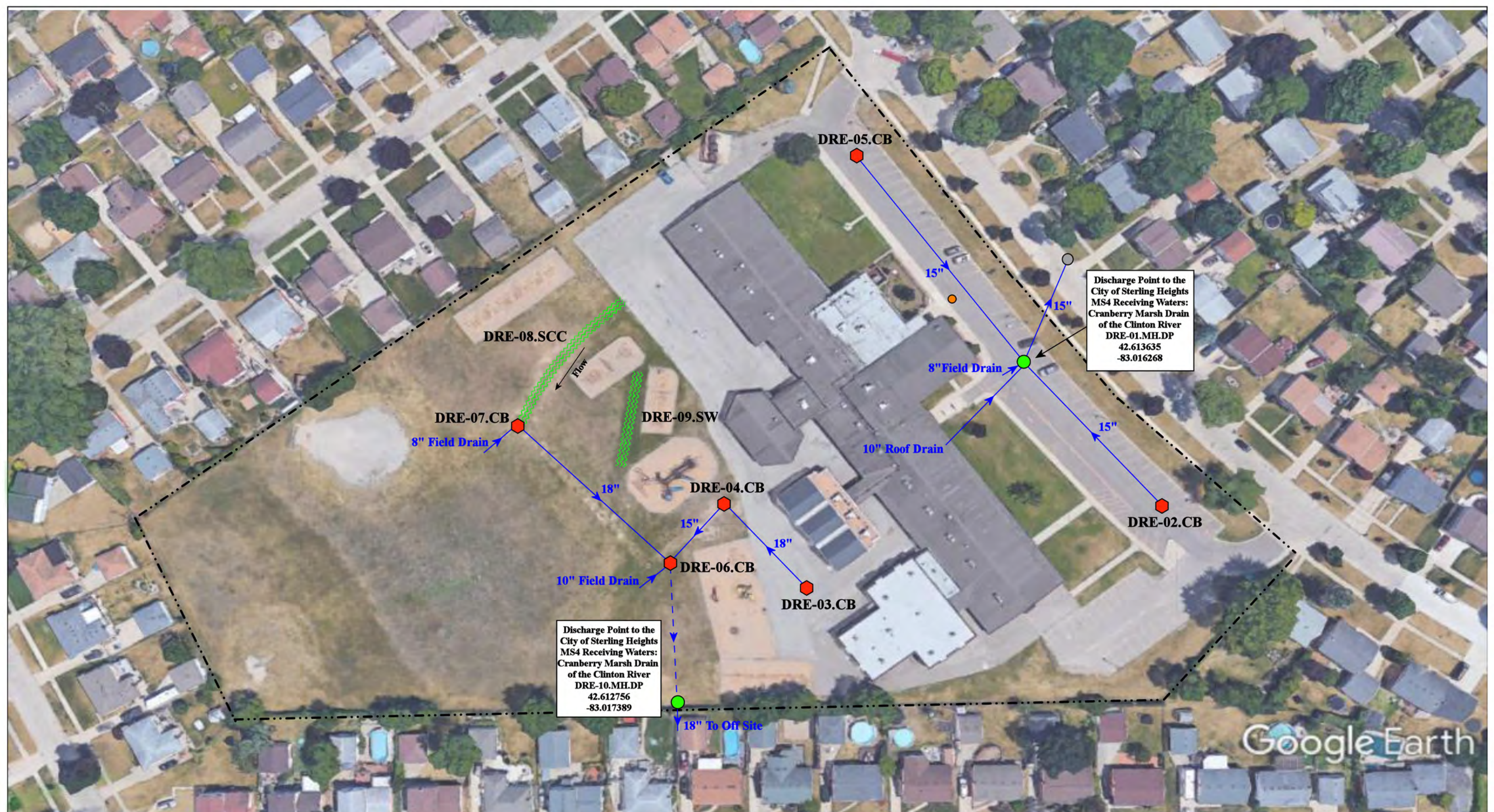
37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 08/22/2022   |
| Drawn by:       | KD           |
| Reviewed:       | LE           |
| Page #:         | 2 of 2       |
| Scale:          | Not to Scale |



- ⬠ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ⋯ = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System





Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Cranberry Marsh Drain of the Clinton River  
 DRE-01.MH.DP  
 42.613635  
 -83.016268

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Cranberry Marsh Drain of the Clinton River  
 DRE-10.MH.DP  
 42.612756  
 -83.017389

Google Earth

11400 Delvin Drive, Sterling Heights MI, 48314

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- ◆ = Stabilized Outlet
- = Lift Station
- ◆ = Buried Structure
- = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ▬ = Stormwater Conveyance Channel
- ▬ = UDS/URS
- - - = Property Lines



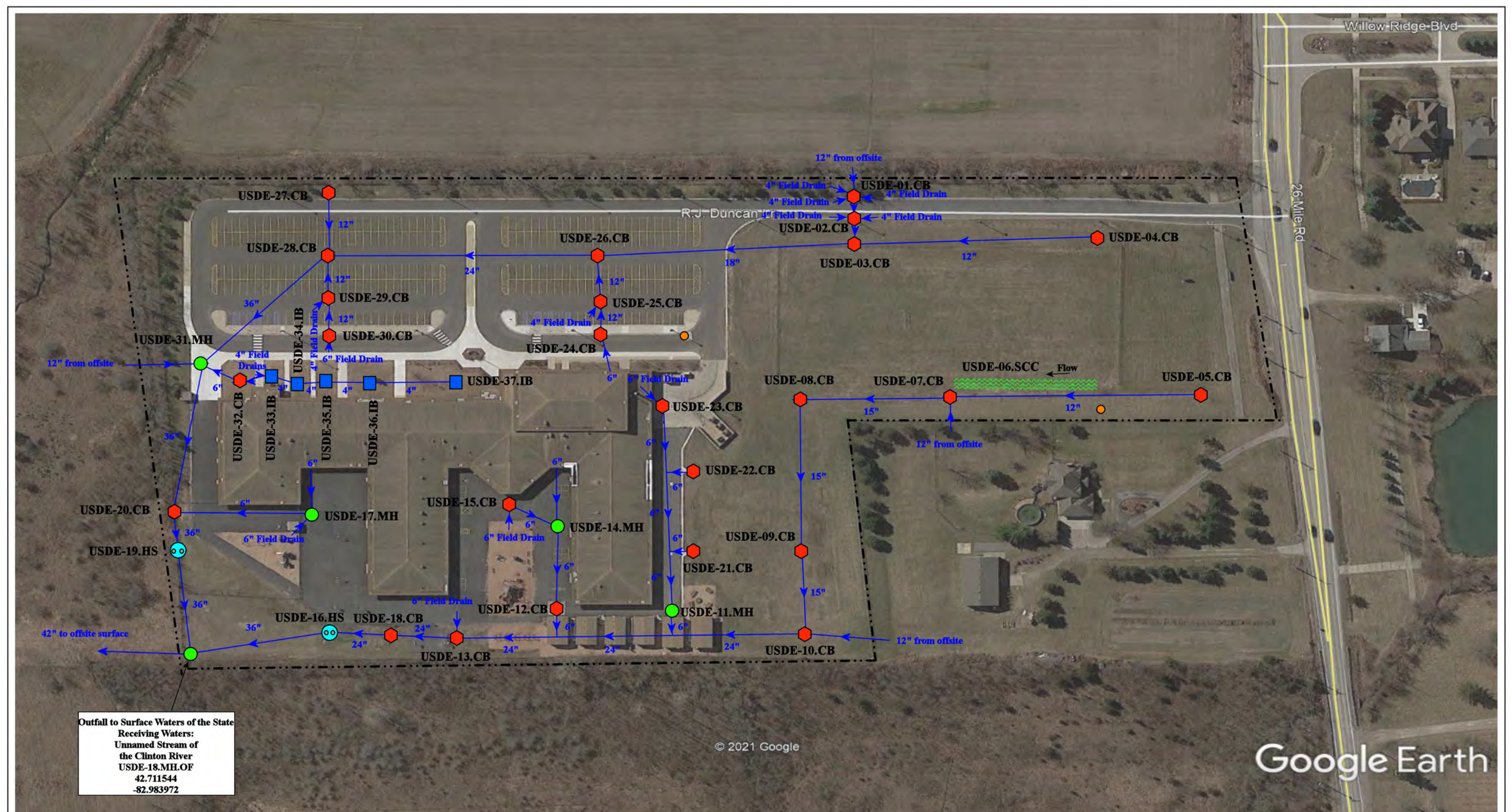
## Dresden Elementary School

Utica Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 01/07/2022   |
| Drawn by:      | VV           |
| Reviewed:      | CJ           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Outfall to Surface Waters of the State  
 Receiving Waters:  
 Unnamed Stream of  
 the Clinton River  
 USDE-18.MH.OF  
 42.711544  
 -82.983972

© 2021 Google

Google Earth

14500 26 Mile Rd, Shelby Township, MI 48315

## Duncan Elementary School

Utica Community Schools

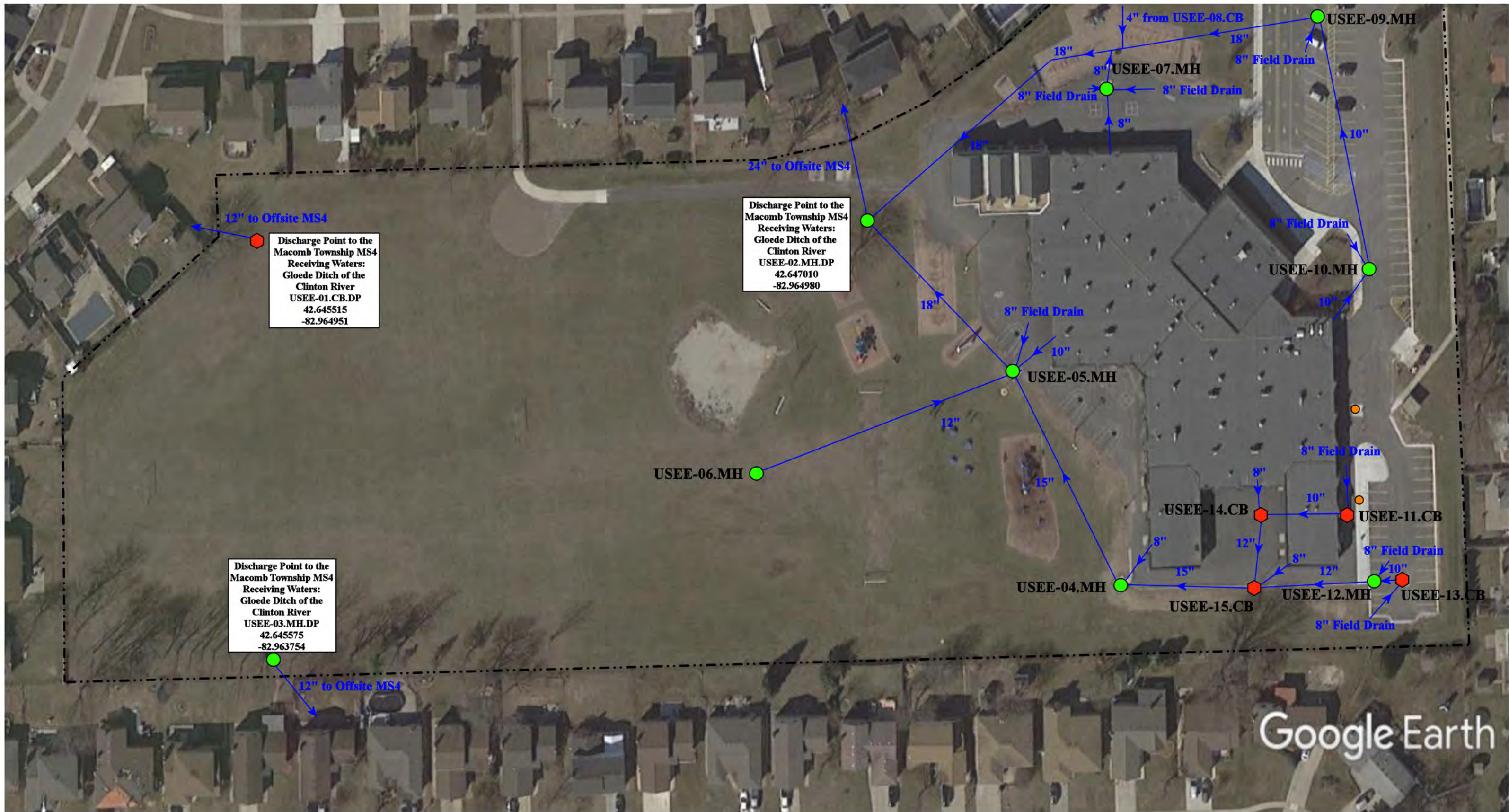


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

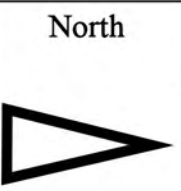


|                 |              |
|-----------------|--------------|
| Revision Date : | 05/11/2023   |
| Drawn by:       | JLP          |
| Reviewed:       | EDG          |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

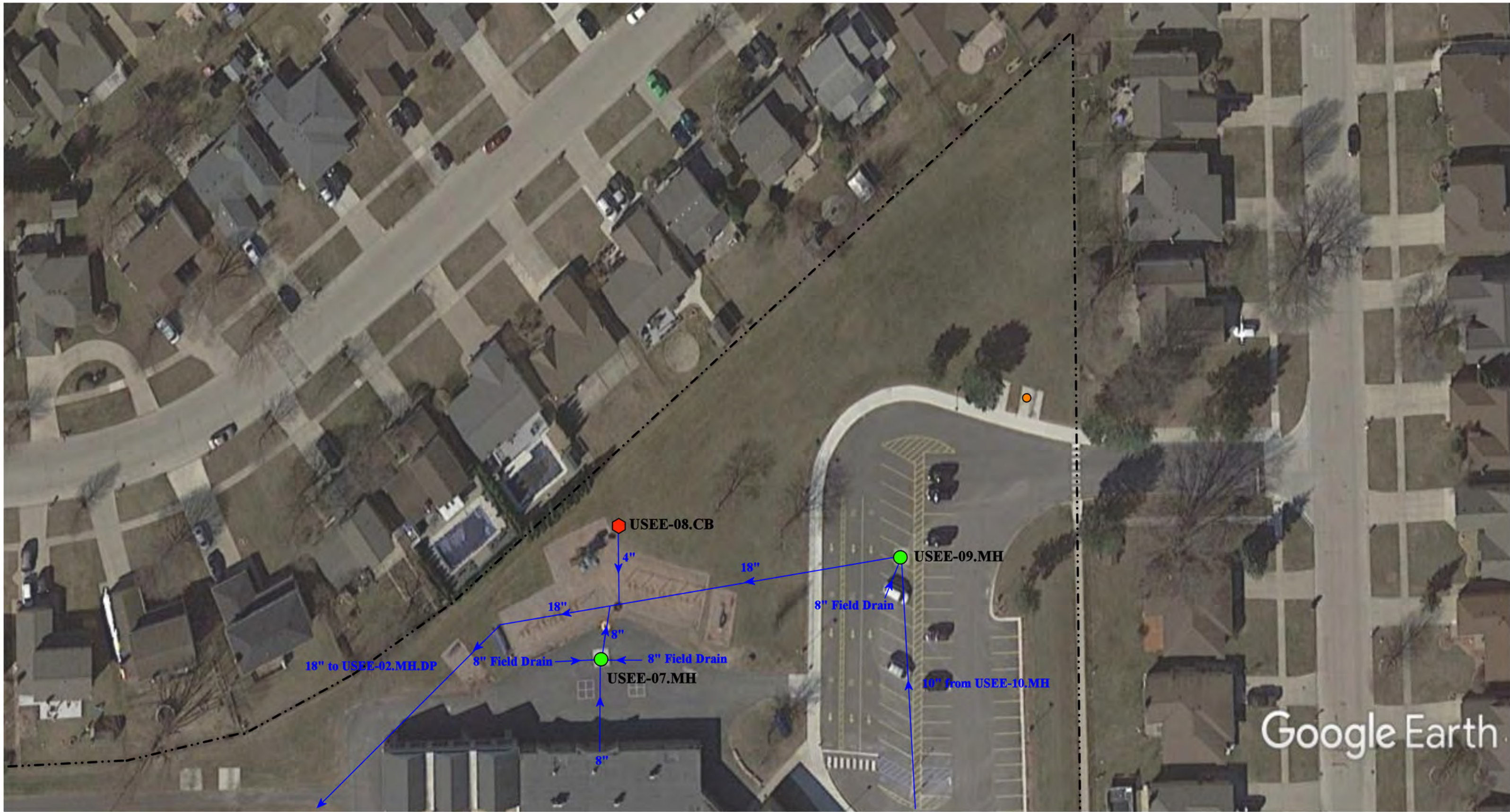


Google Earth

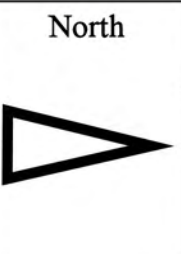
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|--|----------------|--------------|
| 15970 Haverhill Drive, Macomb, MI 48044                                                                             |  |  | Revision Date: | 01/26/2023   |
| <b>Ebeling Elementary School</b>                                                                                    |  |  | Drawn by:      | JLP          |
| Utica Community Schools                                                                                             |  |  | Reviewed:      | EDG          |
|                                                                                                                     |  |  | Page #:        | 1 of 2       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  |  | Scale:         | Not to Scale |



- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| 15970 Haverhill Drive, Macomb, MI 48044                                                                             |  | Revision Date: | 01/26/2023   |
| <b>Ebeling Elementary School</b>                                                                                    |  | Drawn by:      | JLP          |
| Utica Community Schools                                                                                             |  | Reviewed:      | EDG          |
|                                                                                                                     |  | Page #:        | 2 of 2       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:         | Not to Scale |


Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Yates Drain of the  
 Clinton River  
 EMC-91.CB.DP  
 42.698099  
 -83.046531

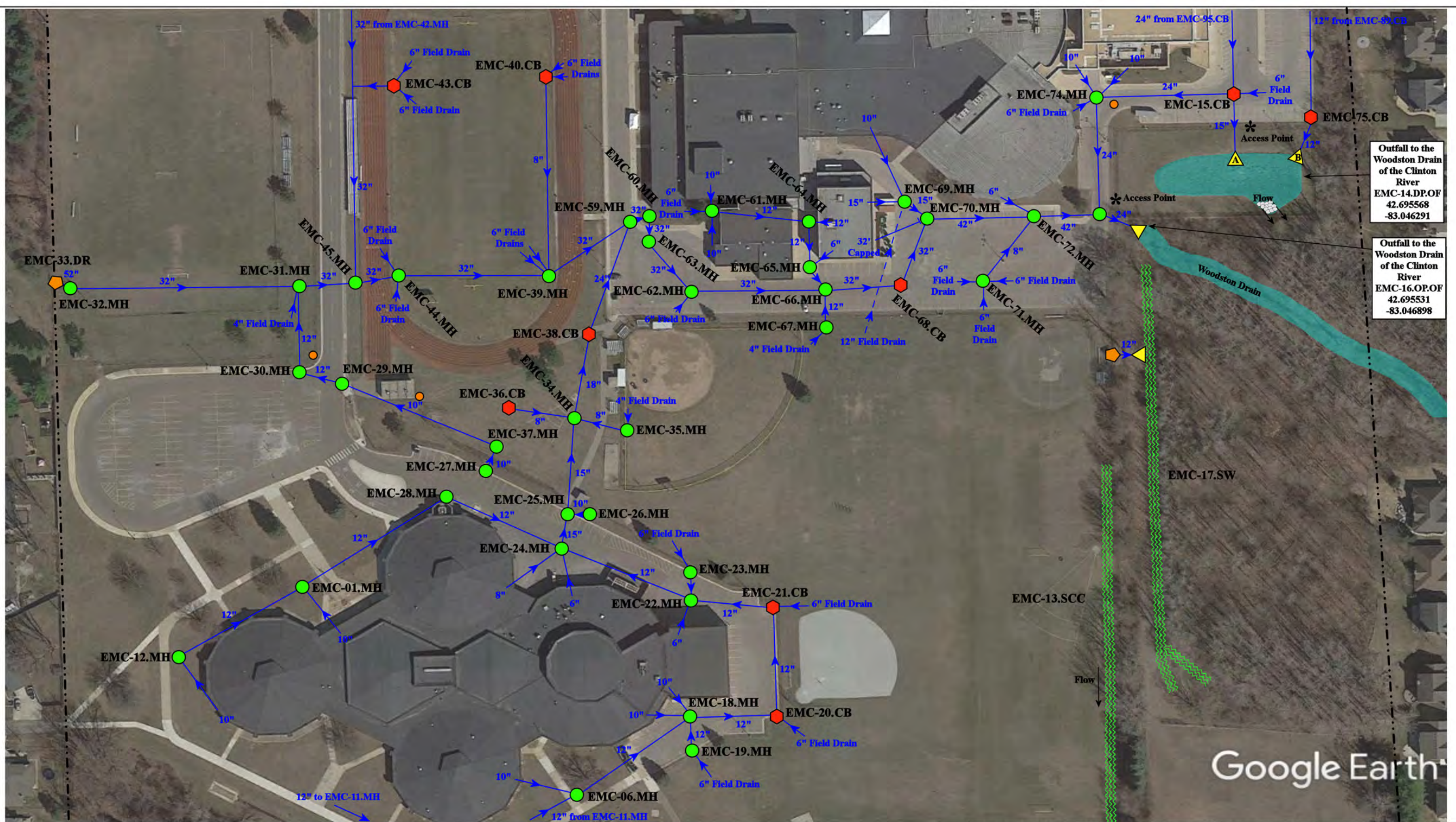


6400 & 6500 25 Mile Road, Shelby Township, Michigan 48316

- ◆ = Catch Basin
- = Manhole
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Buried Structure
- ◻ = Stabilized Outlet
- ◻ = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- = Basin Drain
- ◆ = Drainage Receptor
- ◻ = Flow Splitter
- ◻ = Oil/Water Separator
- = Offsite MS4
- ▬ = Trench Drain
- ⊗ = Hydrodynamic Separator
- ⊗ = Rip Rap
- = Sanitary
- ▬ = Property Lines



|                                                                                                                                                                                  |                |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| Eisenhower High School and<br>Mallow Jr. High School Complex<br>Utica Community Schools<br> | Revision Date: | 06/20/2023   |
|                                                                                                                                                                                  | Drawn by:      | KD           |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305                                                                                | Reviewed:      | BK           |
|                                                                                                                                                                                  | Page #:        | 1 of 3       |
|                                                                                                                                                                                  | Scale:         | Not to Scale |




Outfall to the Woodston Drain of the Clinton River  
 EMC-14.DP.OF  
 42.695568  
 -83.046291

Outfall to the Woodston Drain of the Clinton River  
 EMC-16.OP.OF  
 42.695531  
 -83.046898

Google Earth

6400 & 6500 25 Mile Road, Shelby Township, Michigan 48316

|                                                                                                                                                                                  |                |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| Eisenhower High School and<br>Mallow Jr. High School Complex<br>Utica Community Schools<br> | Revision Date: | 06/20/2023   |
|                                                                                                                                                                                  | Drawn by:      | KD           |
|                                                                                                                                                                                  | Reviewed:      | BK           |
|                                                                                                                                                                                  | Page #:        | 2 of 3       |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305                                                                                | Scale:         | Not to Scale |

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Rip Rap                             |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



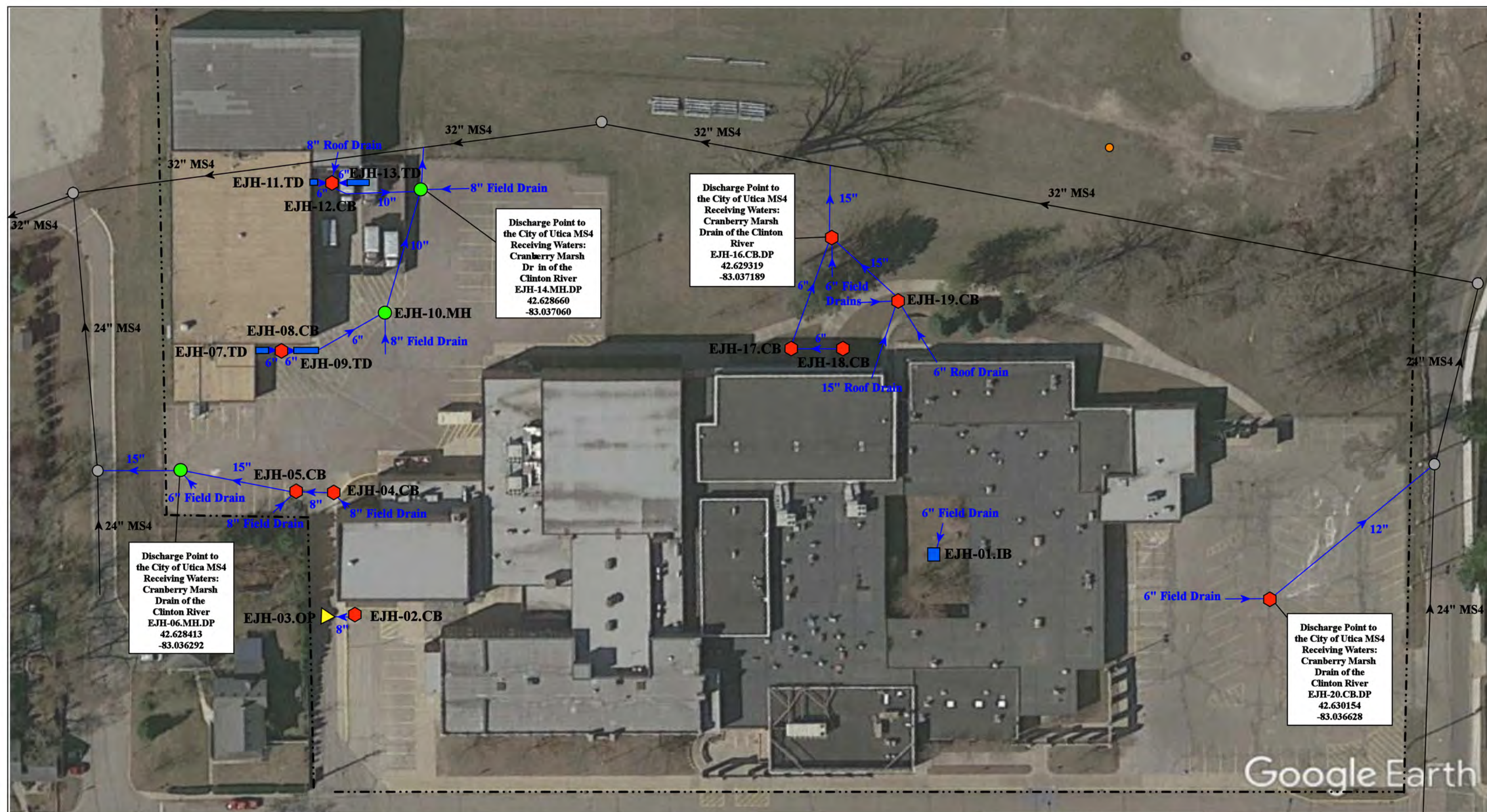


Google Earth

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊕ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |                               |
|---------------------------------------------------------------------------------------------------------------------|--|-------------------------------|
| 6400 & 6500 25 Mile Road, Shelby Township, Michigan 48316                                                           |  |                               |
| Eisenhower High School and<br>Mallow Jr. High School Complex                                                        |  | Revision<br>Date : 06/20/2023 |
| Utica Community Schools                                                                                             |  | Drawn by: KD                  |
|                                                                                                                     |  | Reviewed: BK                  |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #: 3 of 3                |
|                                                                                                                     |  | Scale: Not to Scale           |



Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |                                                                                                             |  |                                                                                                                                             |  |                                                                                                                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--|
| <ul style="list-style-type: none"> <li><span style="color: red;">●</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - = Property Lines</li> <li><span style="color: purple;">■</span> = Buried Structure</li> <li><span style="color: teal;">■</span> = Stabilized Outlet</li> <li><span style="color: magenta;">■</span> = Flow Splitter</li> <li><span style="color: blue;">⊙</span> = Hydrodynamic Separator</li> <li><span style="color: cyan;">■</span> = Pond/Basin</li> <li><span style="color: green;">■</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">■</span> = Underground Detention System</li> </ul> |  |  |  | <p>North</p>                                                                                                |  | <p>45461 Brownell St, Utica, MI 48317</p> <p>Eppler Junior High School<br/>&amp; Security Office Complex</p> <p>Utica Community Schools</p> |  | <p>Revision Date : 01/18/2022</p> <p>Drawn by: CJ</p> <p>Reviewed: EG</p> <p>Page #: 1 of 3</p> <p>Scale: Not to Scale</p> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |  |                                                                                                                                             |  |                                                                                                                            |  |





Google Earth

45461 Brownell St, Utica, MI 48317

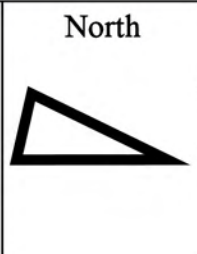
Epler Junior High School  
& Security Office Complex  
Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 01/18/2022   |
| Drawn by:      | CJ           |
| Reviewed:      | EG           |
| Page #:        | 2 of 3       |
| Scale:         | Not to Scale |

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |





Outfall to the  
Cranberry  
Marsh Drain of  
the Clinton River  
EJH-21.OP.OF  
42.628175  
-83.040417

Clinton River

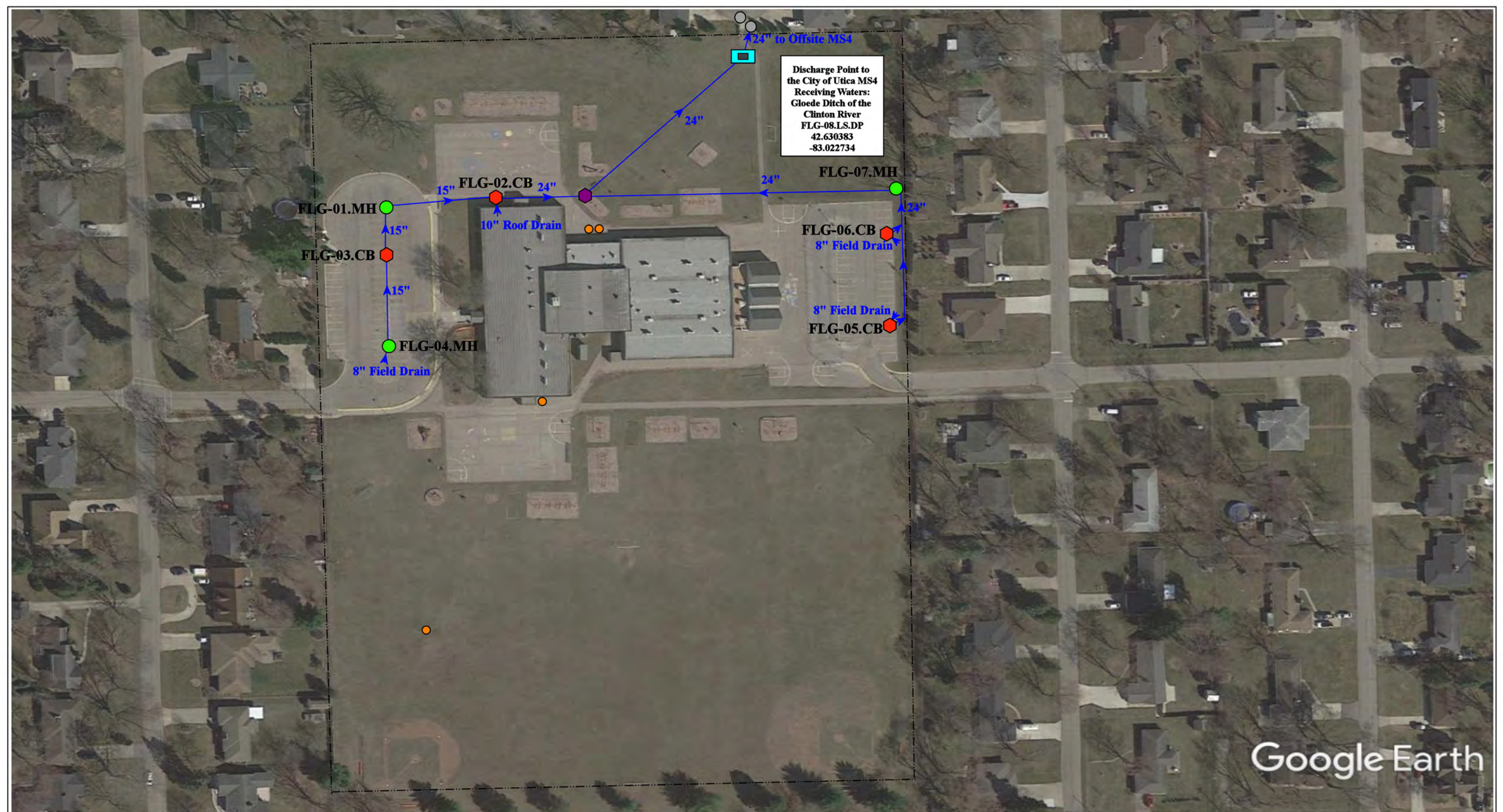
EJH-15.SCC

12"

Flow

Google Earth

|                                                                                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                                                                                           |  |  |  |                                                                                                                                                                                                                                                                                                                |  |  |  |                                                                                                                                                                                                                                                                    |  |  |  |              |  |                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------|--|-------------------------------------------|--|
| <ul style="list-style-type: none"> <li><span style="color: red;">◆</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> </ul> |  |  |  | <ul style="list-style-type: none"> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>--- = Property Lines</li> </ul> |  |  |  | <ul style="list-style-type: none"> <li><span style="color: purple;">◆</span> = Buried Structure</li> <li><span style="color: teal;">◆</span> = Stabilized Outlet</li> <li><span style="color: cyan;">◆</span> = Flow Splitter</li> <li><span style="color: blue;">⊗</span> = Hydrodynamic Separator</li> </ul> |  |  |  | <ul style="list-style-type: none"> <li><span style="color: cyan;">■</span> = Pond/Basin</li> <li><span style="color: green;">~</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">—</span> = Underground Detention System</li> </ul> |  |  |  | <p>North</p> |  | <p>45461 Brownell St, Utica, MI 48317</p> |  |
|                                                                                                                                                                                                                                                                                                                                            |  |  |  | <p>Eppler Junior High School<br/>&amp; Security Office Complex</p>                                                                                                                                                                                                                                                                        |  |  |  | <p>Revision Date : 01/18/2022</p>                                                                                                                                                                                                                                                                              |  |  |  |                                                                                                                                                                                                                                                                    |  |  |  |              |  |                                           |  |
|                                                                                                                                                                                                                                                                                                                                            |  |  |  | <p>Utica Community Schools</p>                                                                                                                                                                                                                                                                                                            |  |  |  | <p>Drawn by: CJ</p>                                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                    |  |  |  |              |  |                                           |  |
|                                                                                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                                                                                           |  |  |  | <p>Reviewed: EG</p>                                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                    |  |  |  |              |  |                                           |  |
|                                                                                                                                                                                                                                                                                                                                            |  |  |  | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                                                                                                                                                                               |  |  |  | <p>Page #: 3 of 3</p>                                                                                                                                                                                                                                                                                          |  |  |  |                                                                                                                                                                                                                                                                    |  |  |  |              |  |                                           |  |
|                                                                                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                                                                                           |  |  |  | <p>Scale: Not to Scale</p>                                                                                                                                                                                                                                                                                     |  |  |  |                                                                                                                                                                                                                                                                    |  |  |  |              |  |                                           |  |



Discharge Point to  
the City of Utica MS4  
Receiving Waters:  
Gloede Ditch of the  
Clinton River  
FLG-08.LS.DP  
42.630383  
-83.022734

Google Earth

45400 Vanker Ave, Utica, MI 48317

# Flickinger Elementary School

Utica Community Schools

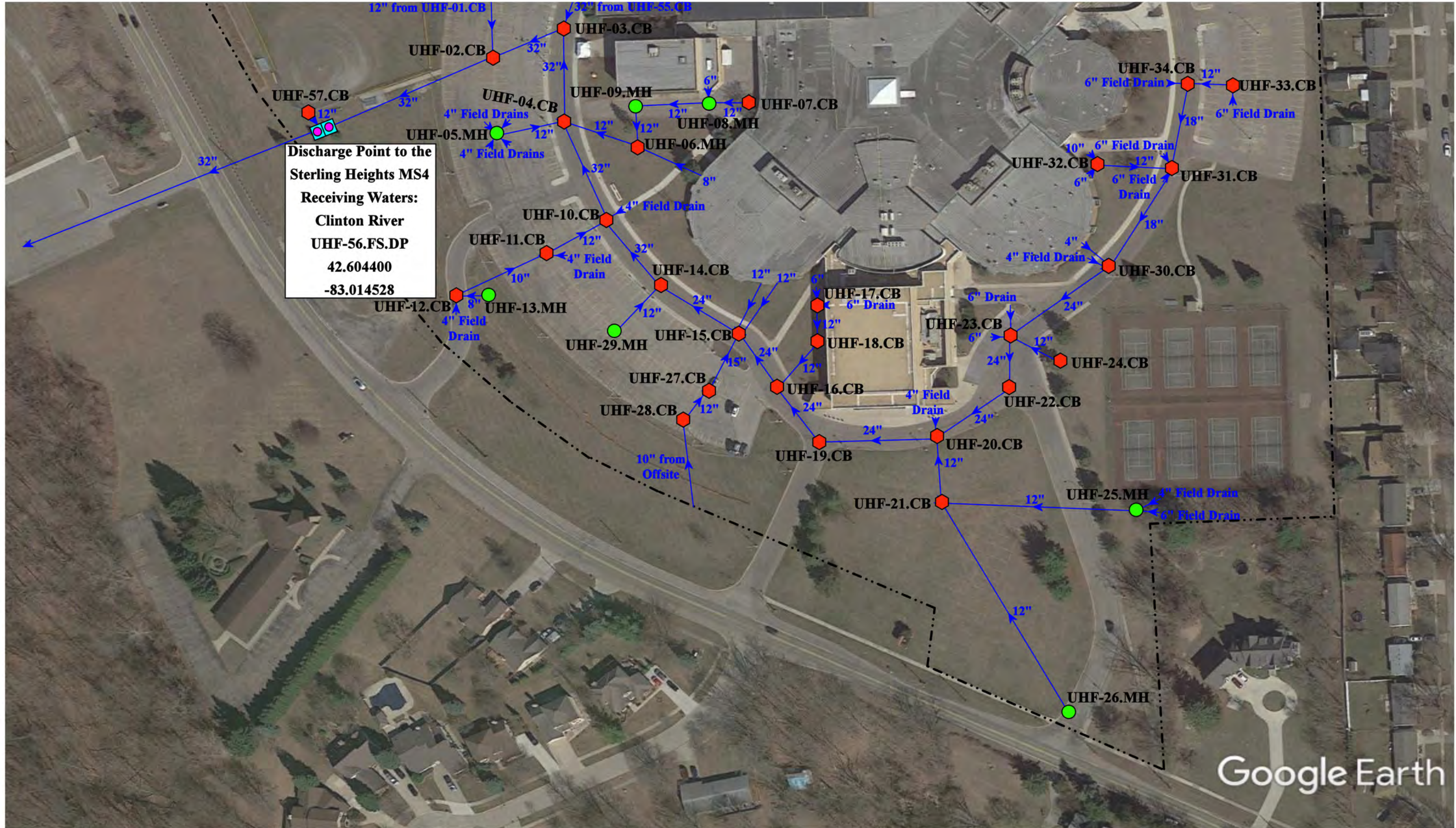


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305



- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊙ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System

|                |              |
|----------------|--------------|
| Revision Date: | 03/08/2022   |
| Drawn by:      | CJ           |
| Reviewed:      | EG           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Discharge Point to the Sterling Heights MS4  
 Receiving Waters:  
 Clinton River  
 UHF-56.FS.DP  
 42.604400  
 -83.014528

11911 Clinton River Road, Sterling Heights, Michigan 48313

## Henry Ford II High School

Utica Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Stormwater
- = Conveyance Channel
- = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 04/07/2022   |
| Drawn by:      | EDG          |
| Reviewed:      | KD           |
| Page #:        | 1 of 3       |
| Scale:         | Not to Scale |



11911 Clinton River Road, Sterling Heights, Michigan 48313

# Henry Ford II High School

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Stormwater
- = Conveyance Channel
- = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 4/11/2022    |
| Drawn by:      | EDG          |
| Reviewed:      | KD           |
| Page #:        | 2 of 3       |
| Scale:         | Not to Scale |



Google Earth

11911 Clinton River Road, Sterling Heights, Michigan 48313

# Henry Ford II High School

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 4/11/2022    |
| Drawn by:      | EDG          |
| Reviewed:      | KD           |
| Page #:        | 3 of 3       |
| Scale:         | Not to Scale |

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Stormwater                   |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



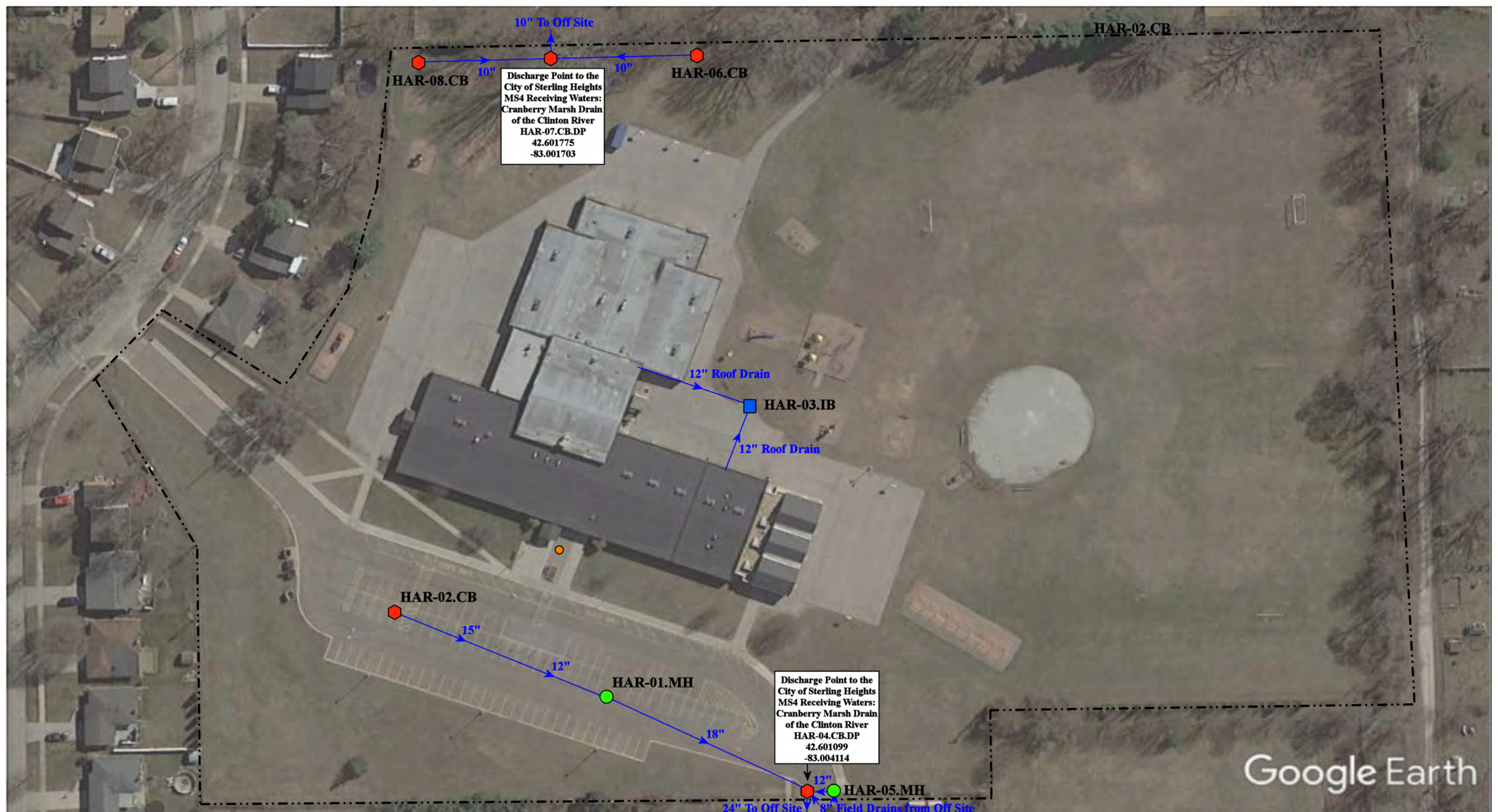


Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Cranberry Marsh Drain  
of the Clinton River  
USGE-01.MH.DP  
42.602370  
-82.984041

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |  |                           |
|---------------------------------------------------------------------------------------------------------------------|--|--|---------------------------|
| 41875 Saal Rd, Sterling Heights, MI 48313                                                                           |  |  | Revision Date: 08/30/2022 |
| <b>Graebner Elementary School</b>                                                                                   |  |  | Drawn by: EDG             |
| Utica Community Schools                                                                                             |  |  | Reviewed: KD              |
|                                                                                                                     |  |  | Page #: 1 of 1            |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  |  | Scale: Not to Scale       |



10" To Off Site

10" HAR-08.CB

10" HAR-06.CB

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Cranberry Marsh Drain of the Clinton River HAR-07.CB.DP 42.601775 -83.001703

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Cranberry Marsh Drain of the Clinton River HAR-04.CB.DP 42.601099 -83.004114

41700 Montroy Dr, Sterling Heights, MI 48313

# Harvey Elementary School

Utica Community Schools



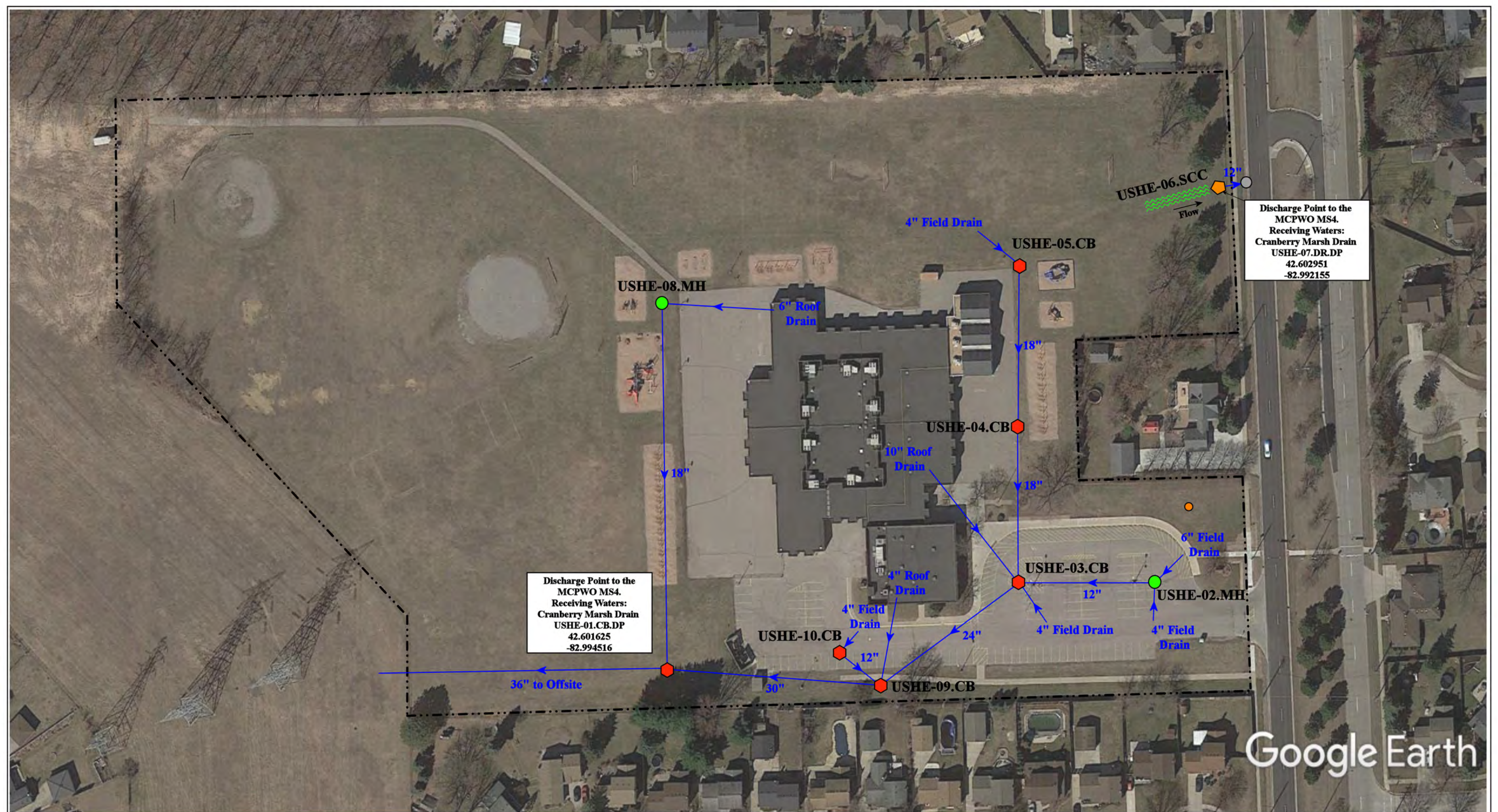
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater
- = Conveyance Channel
- = Underground Detention System



|                 |              |
|-----------------|--------------|
| Revision Date : | 01/07/2022   |
| Drawn by:       | VV           |
| Reviewed:       | CJ           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |





Discharge Point to the MCPWO MS4.  
Receiving Waters:  
Cranberry Marsh Drain  
USHE-01.CB.DP  
42.601625  
-82.994516

Discharge Point to the MCPWO MS4.  
Receiving Waters:  
Cranberry Marsh Drain  
USHE-07.DR.DP  
42.602951  
-82.992155

Google Earth

41855 Schoenherr Rd, Sterling Heights, 48313

- ◆ = Catch Basin
- = Manhole
- = Offsite MS4
- ◆ = Drainage Receptor
- = Property Line
- = Sanitary
- ~ = Stormwater Conveyance Channel



## Havel Elementary School

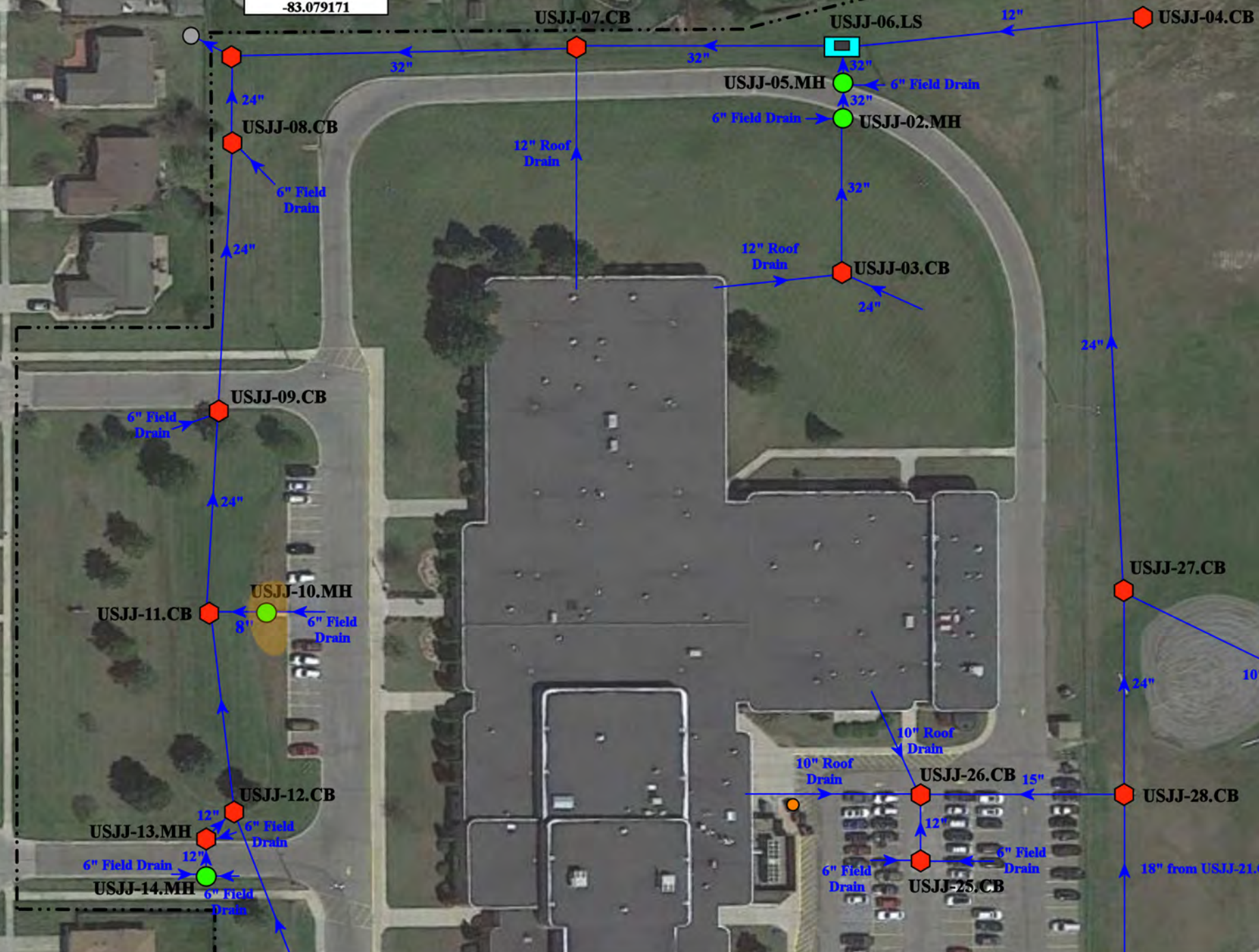
Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 11/23/2020   |
| Drawn by:      | BK           |
| Reviewed:      | KD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters: Gibson Drain  
 USJJ-01.CB.DP  
 42.590155  
 -83.079171



Google Earth

40400 Gulliver Dr, Sterling Heights, MI 48310

- ◆ = Catch Basin
- = Manhole
- = City of Sterling Heights MS4
- = Sanitary
- = Lift Station
- - - - - = Property Lines
- = Erosion Area



Jeannette Junior High School

Utica Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 6/3/21       |
| Drawn by:       | MRW          |
| Reviewed:       | LK           |
| Page #:         | 1 of 2       |
| Scale:          | Not to Scale |



Google Earth

40400 Gulliver Dr, Sterling Heights, MI 48310

## Jeannette Junior High School

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

◆ = Catch Basin

● = Manhole

○ = City of Sterling Heights MS4

● = Sanitary

■ = Lift Station

----- = Property Lines

● = Erosion Area

North



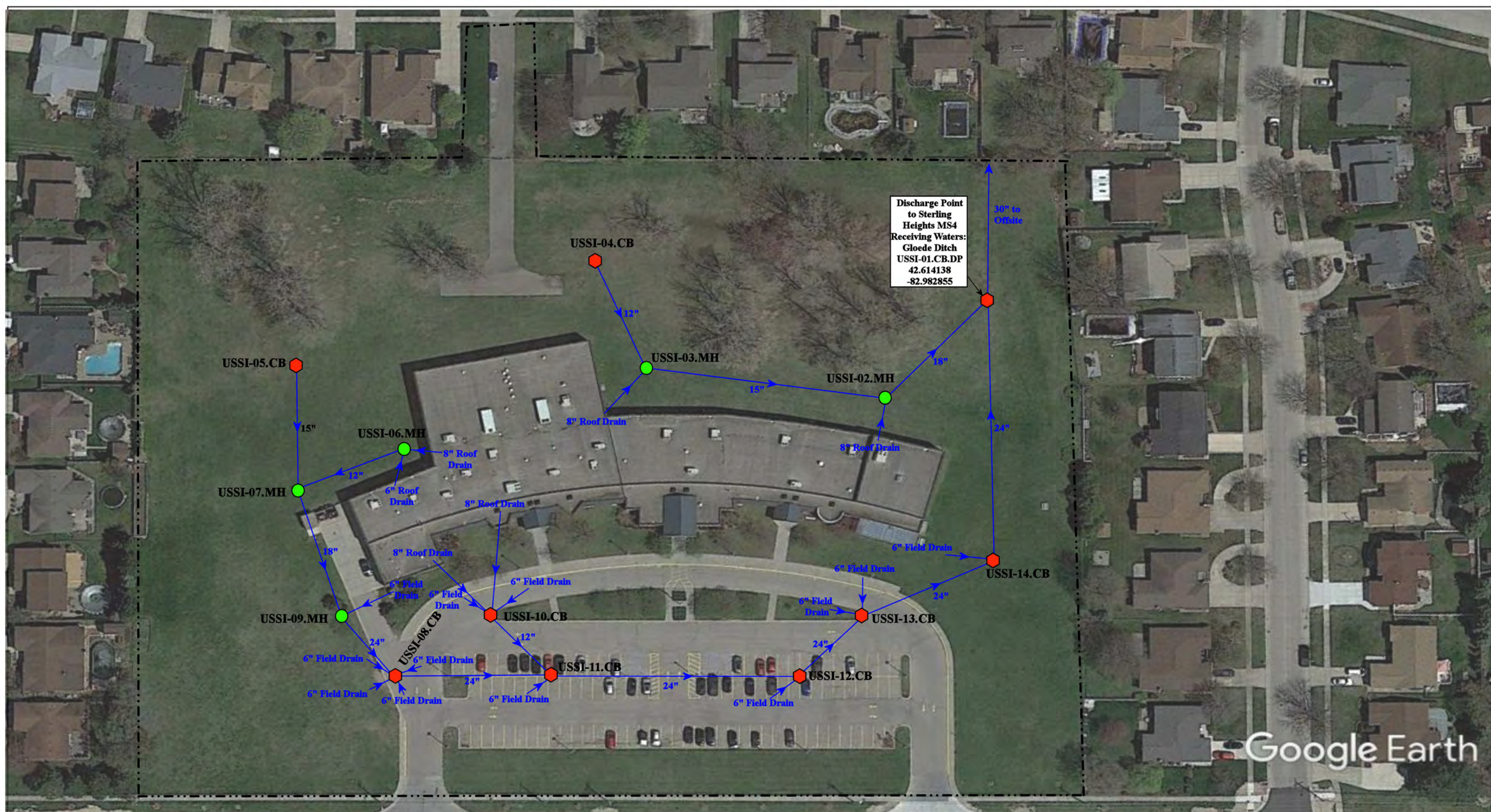
Revision Date: 6/3/21

Drawn by: MRW

Reviewed: LK

Page #: 2 of 2

Scale: Not to Scale



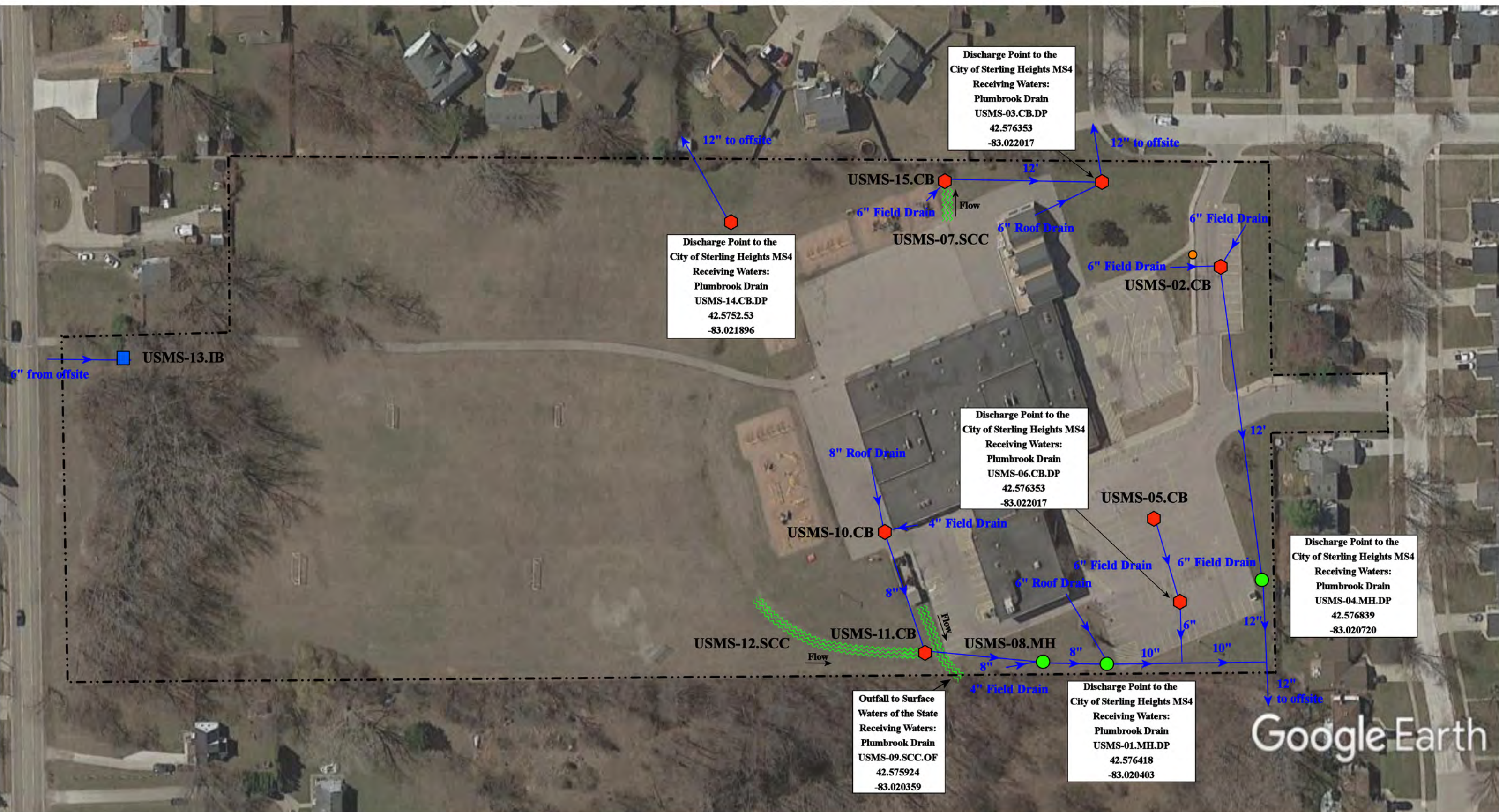
- - - - - = Property Lines  
 ● = Manhole  
 ⬡ = Catch Basin



|                                                                                                 |              |
|-------------------------------------------------------------------------------------------------|--------------|
| 14201 Canal Rd, Sterling Heights, MI 48313                                                      |              |
| Joan C. Sargent Instructional Resource Center<br>(Utica Center for Math, Science, & Technology) |              |
| Utica Community Schools                                                                         |              |
| Revision Date :                                                                                 | 11/23/20     |
| Drawn by:                                                                                       | JK           |
| Reviewed:                                                                                       | CD           |
| Page #:                                                                                         | 1 of 1       |
| Scale:                                                                                          | Not to Scale |



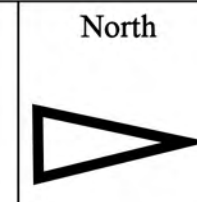
37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305




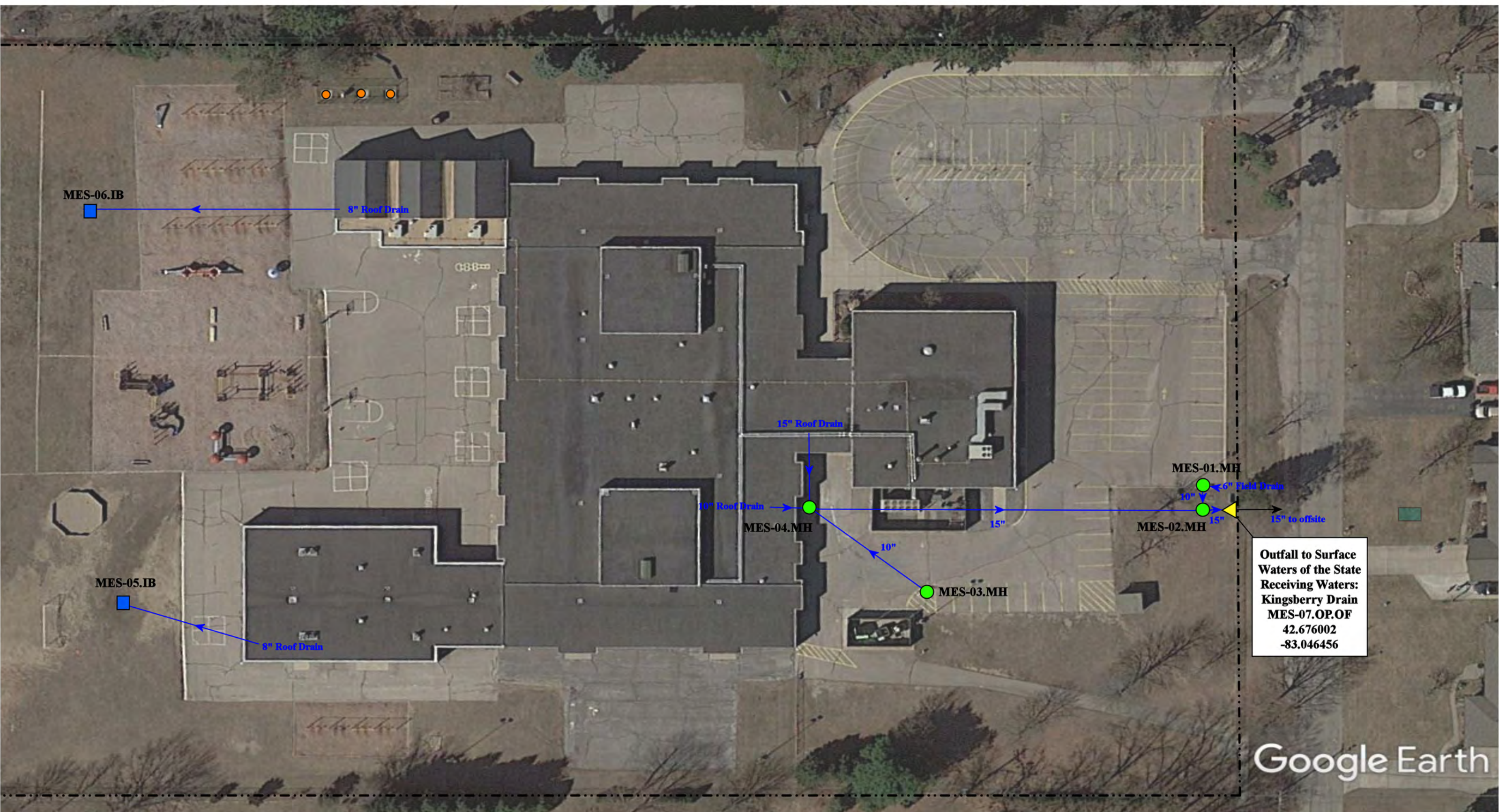
Google Earth

8742 Dill Dr, Sterling Heights, MI 48312

- = Property Lines
- ~~~~ = Stormwater Conveyance Channel
- 🔴 = Catch Basin
- 🔵 = Infiltration Basin
- 🟢 = Manhole



|                                                                                                                                                          |  |                 |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| <h2>Messmore Elementary School</h2> <p>Utica Community Schools</p>  |  | Revision Date : | 06/01/2021   |
|                                                                                                                                                          |  | Drawn by:       | JLP          |
| <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                              |  | Reviewed:       | BK           |
|                                                                                                                                                          |  | Page #:         | 1 of 1       |
|                                                                                                                                                          |  | Scale:          | Not to Scale |



**Outfall to Surface Waters of the State**  
**Receiving Waters:**  
**Kingsberry Drain**  
**MES-07.OP.OF**  
**42.676002**  
**-83.046456**

Google Earth

|                                                                                                                                                                                                                                                   |              |                                                                                                         |                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <p> <span style="color: green;">●</span> = Manhole<br/> <span style="color: blue;">■</span> = Infiltration Basin<br/> <span style="color: orange;">●</span> = Sanitary<br/> <span style="color: yellow;">◀</span> = Open Pipe Outlet         </p> | <p>North</p> | 6700 Montgomery Dr, Shelby Township, MI 48316                                                           |                                                                                                   |
|                                                                                                                                                                                                                                                   |              | <h2 style="margin: 0;">Monfort Elementary School</h2> <p style="margin: 0;">Utica Community Schools</p> |                                                                                                   |
|                                                                                                                                                                                                                                                   |              |                                                                                                         | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
|                                                                                                                                                                                                                                                   |              | Revision Date :<br>Drawn by:<br>Reviewed:<br>Page #:<br>Scale:                                          | 12/3/2021<br>CJ<br>EG<br>1 of 2<br>Not to Scale                                                   |



Google Earth

|                                                                                                                                                                                                                                                   |              |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|-----------|-----------|----|-----------|----|---------|--------|--------|--------------|
| <p> <span style="color: green;">●</span> = Manhole      <span style="color: orange;">●</span> = Sanitary<br/> <span style="color: blue;">■</span> = Infiltration Basin<br/> <span style="color: yellow;">◀</span> = Open Pipe Outlet         </p> |              | <p>North</p> | <p>6700 Montgomery Dr, Shelby Township, MI 48316</p>                                                                                                                                                                                                                |  |                 |           |           |    |           |    |         |        |        |              |
|                                                                                                                                                                                                                                                   |              |              | <p><b>Monfort Elementary School</b></p> <p>Utica Community Schools</p>                                                                                                                                                                                              |  |                 |           |           |    |           |    |         |        |        |              |
|                                                                                                                                                                                                                                                   |              |              | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                                                                                                         |  |                 |           |           |    |           |    |         |        |        |              |
|                                                                                                                                                                                                                                                   |              |              | <table border="1"> <tr> <td>Revision Date :</td> <td>12/3/2021</td> </tr> <tr> <td>Drawn by:</td> <td>CJ</td> </tr> <tr> <td>Reviewed:</td> <td>EG</td> </tr> <tr> <td>Page #:</td> <td>2 of 2</td> </tr> <tr> <td>Scale:</td> <td>Not to Scale</td> </tr> </table> |  | Revision Date : | 12/3/2021 | Drawn by: | CJ | Reviewed: | EG | Page #: | 2 of 2 | Scale: | Not to Scale |
| Revision Date :                                                                                                                                                                                                                                   | 12/3/2021    |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |
| Drawn by:                                                                                                                                                                                                                                         | CJ           |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |
| Reviewed:                                                                                                                                                                                                                                         | EG           |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |
| Page #:                                                                                                                                                                                                                                           | 2 of 2       |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |
| Scale:                                                                                                                                                                                                                                            | Not to Scale |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |
|                                                                                                                                                                                                                                                   |              |              |                                                                                                                                                                                                                                                                     |  |                 |           |           |    |           |    |         |        |        |              |



Outfall to the  
Lawson Drain  
MES-09.OP.OF  
42.690942  
-83.049545

Google Earth

53800 Mound Road, Shelby Township, MI 48316

Morgan Elementary School

Utica Community Schools



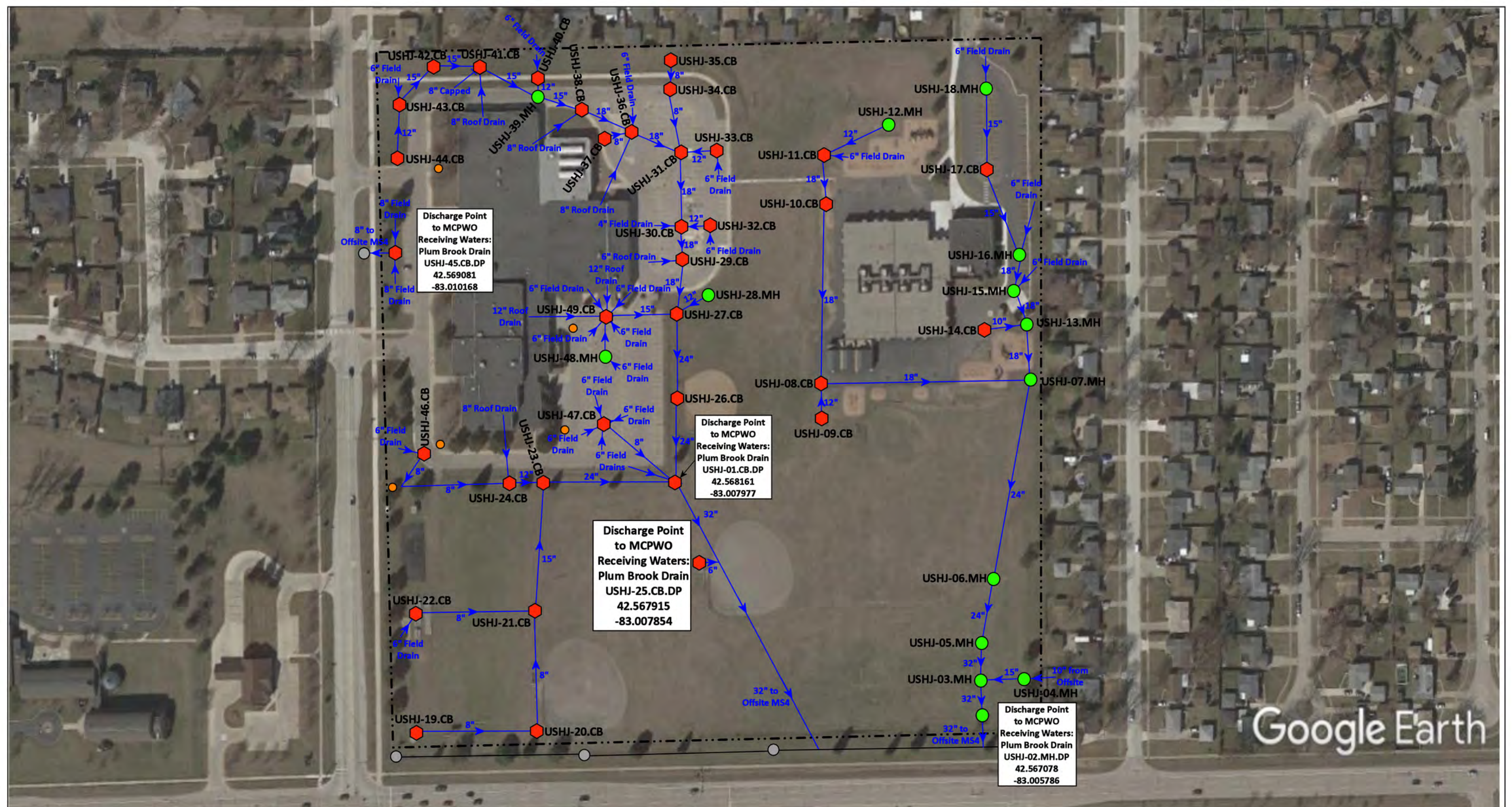
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 04/20/2022   |
| Drawn by:      | EMB          |
| Reviewed:      | KD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Clean Out
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System







Google Earth

- = Property Lines
- = Manhole
- = Sanitary Sewer
- ◆ = Catch Basin
- = Offsite MS4

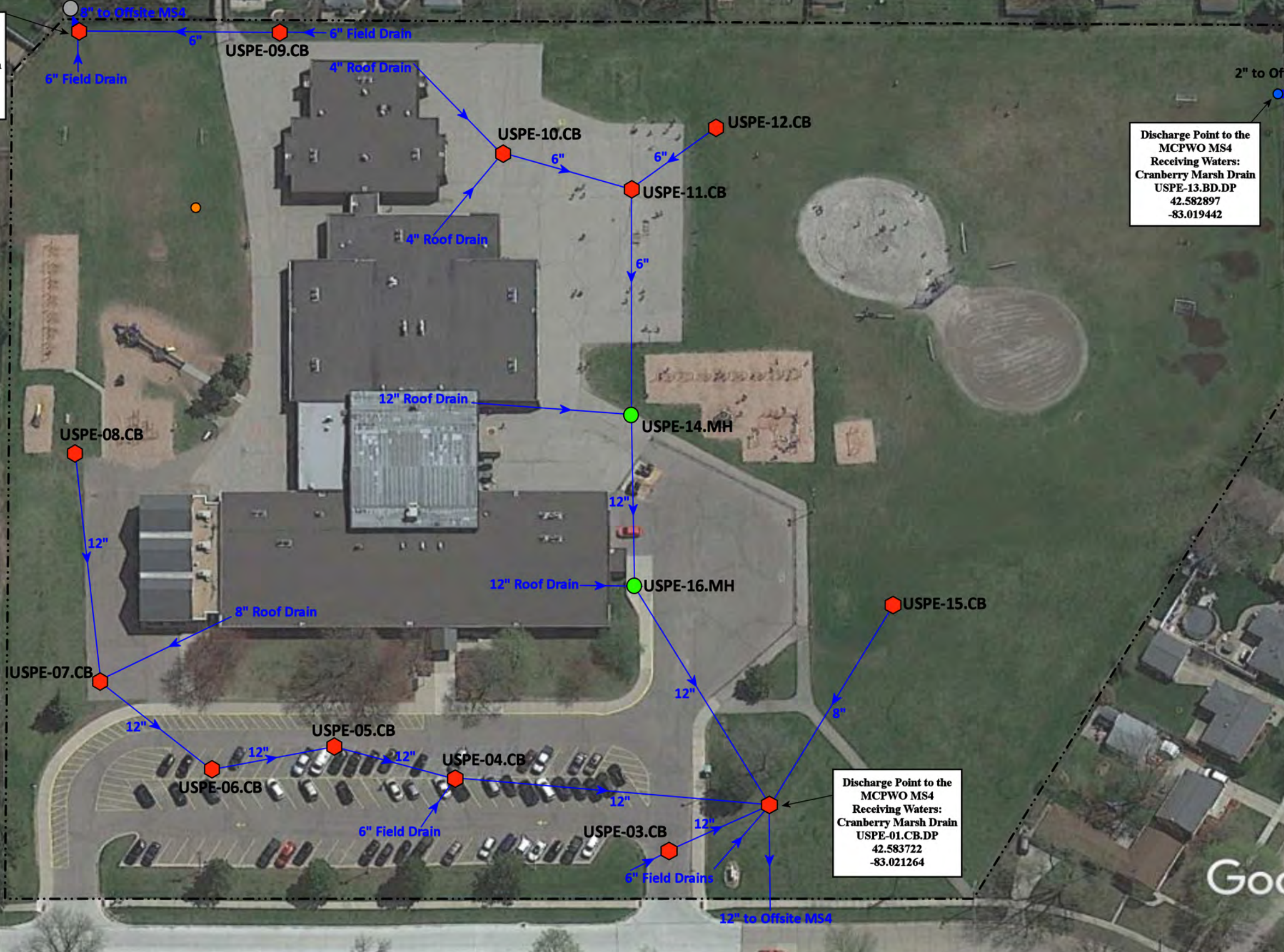


|                                                                                                   |                           |
|---------------------------------------------------------------------------------------------------|---------------------------|
| 12060 Greenway Drive Sterling Heights, Michigan 48312                                             |                           |
| Oakbrook Elementary School<br>and Heritage Junior High School Complex                             | Revision Date: 01/26/2021 |
| Utica Community Schools                                                                           | Drawn by: JK              |
|                                                                                                   | Reviewed: KD              |
|                                                                                                   | Page #: 1 of 1            |
|                                                                                                   | Scale: Not to Scale       |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |                           |

Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 USPE-02.CB.DP  
 42.584928  
 -83.019331

Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 USPE-13.BD.DP  
 42.582897  
 -83.019442

Discharge Point to the MCPWO MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 USPE-01.CB.DP  
 42.583722  
 -83.021264



Google Earth

39660 Spalding Dr, Sterling Heights, MI 48313

# Plumbrook Elementary School

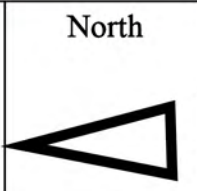
Utica Community Schools

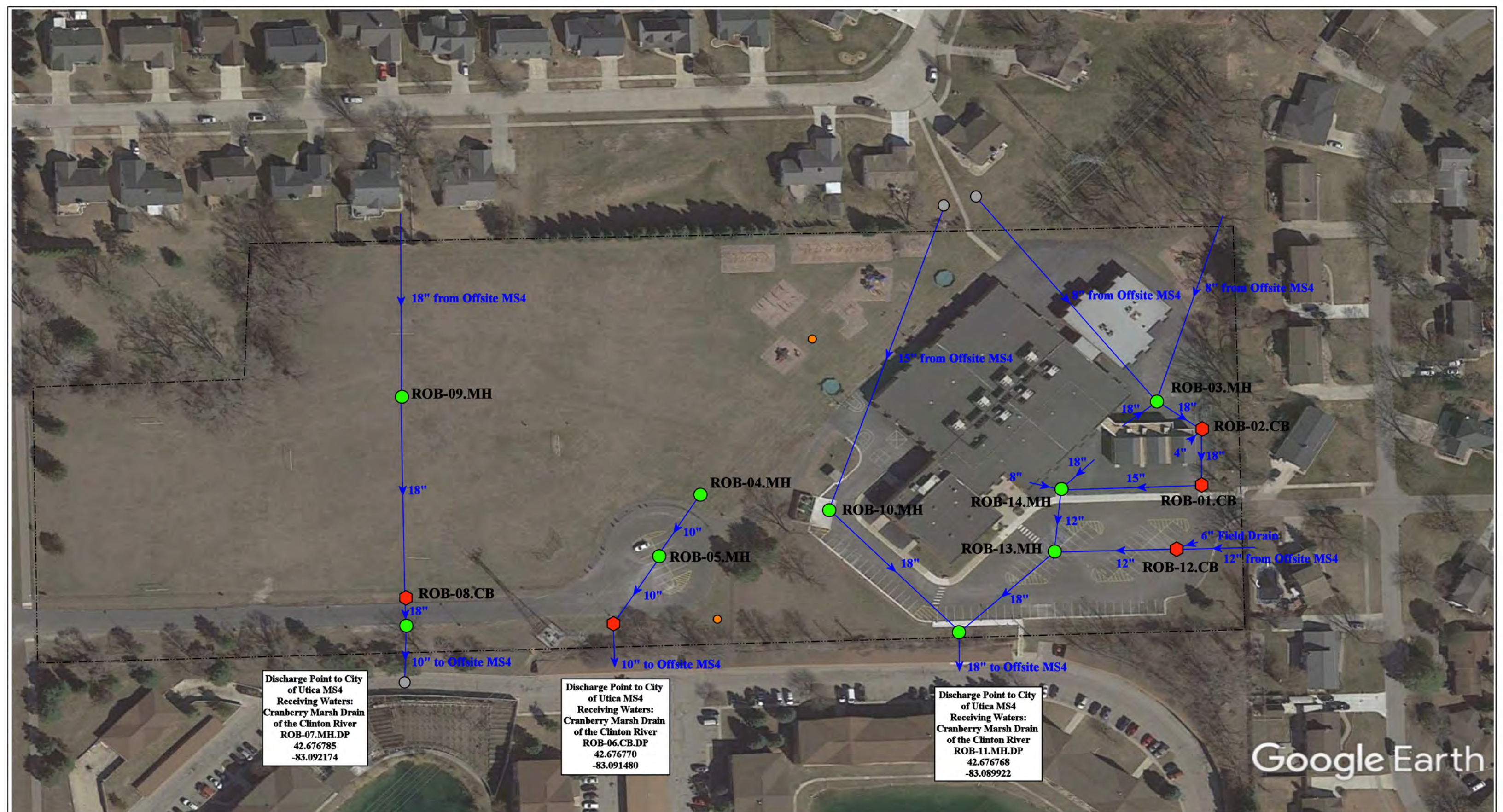


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 09/08/2020   |
| Drawn by:       | KD           |
| Reviewed:       | LE           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

- = Property Boundaries
- = Sanitary
- = Catch Basin
- = Basin Drain
- = Manhole
- = Offsite MS4





Discharge Point to City of Utica MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 of the Clinton River  
 ROB-07.MH.DP  
 42.676785  
 -83.092174

Discharge Point to City of Utica MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 of the Clinton River  
 ROB-06.CB.DP  
 42.676770  
 -83.091480

Discharge Point to City of Utica MS4  
 Receiving Waters:  
 Cranberry Marsh Drain  
 of the Clinton River  
 ROB-11.MH.DP  
 42.676768  
 -83.089922

Google Earth

2400 Belle View Dr., Shelby Township, MI 48316

**Roberts Elementary School**

Utica Community Schools

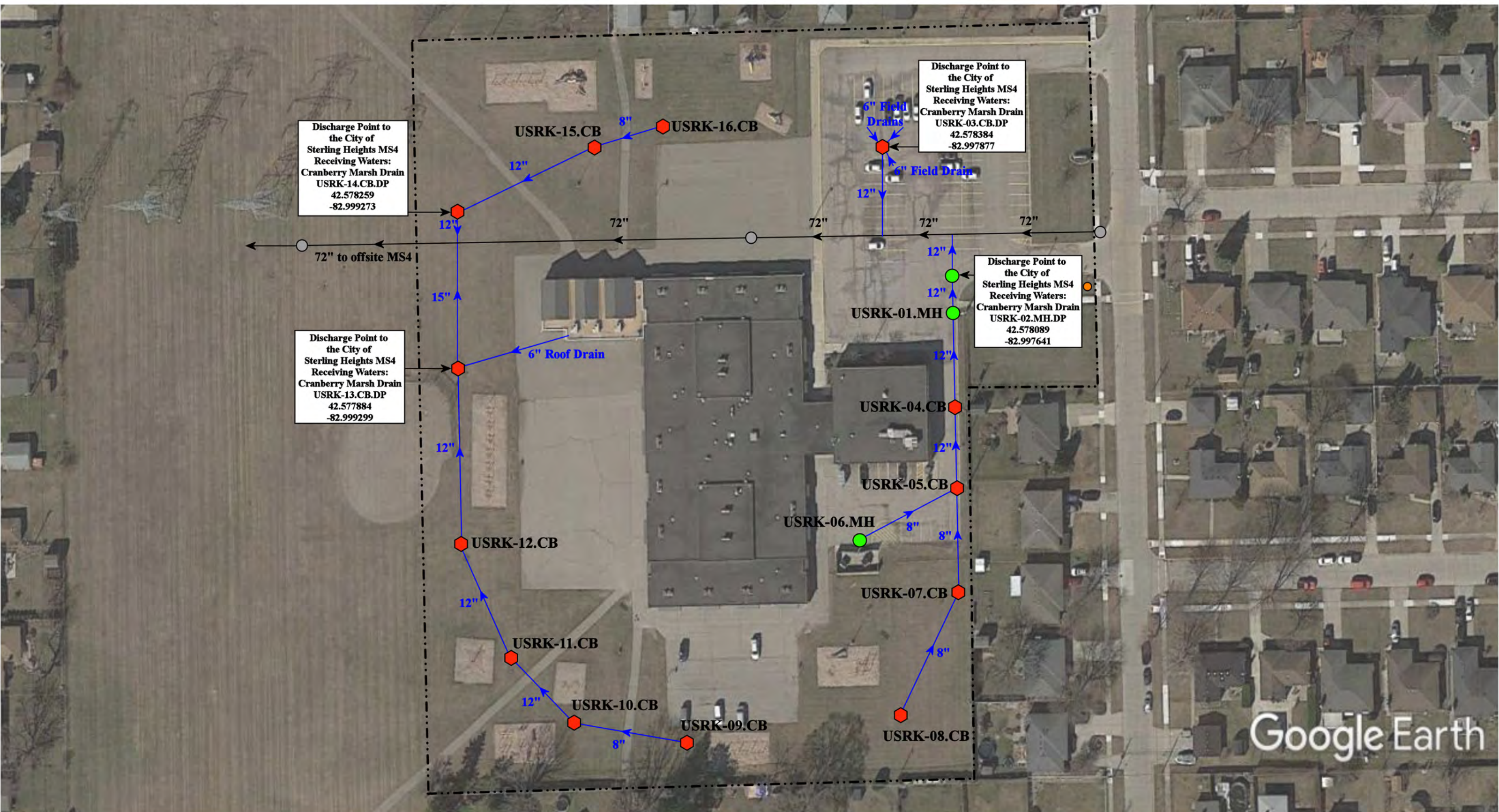


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- = Catch Basin
- = Infiltration Basin
- = Buried Structure
- = Pond/Basin
- = Manhole
- ▲ = Open Pipe Outlet
- = Stabilized Outlet
- ~ = Swale/Stormwater
- = Basin Drain
- ◆ = Drainage Receptor
- ◻ = Flow Splitter
- = Conveyance Channel
- = Offsite MS4
- = Trench Drain
- ⊙ = Hydrodynamic Separator
- = Underground Detention System
- = Sanitary
- - - = Property Lines



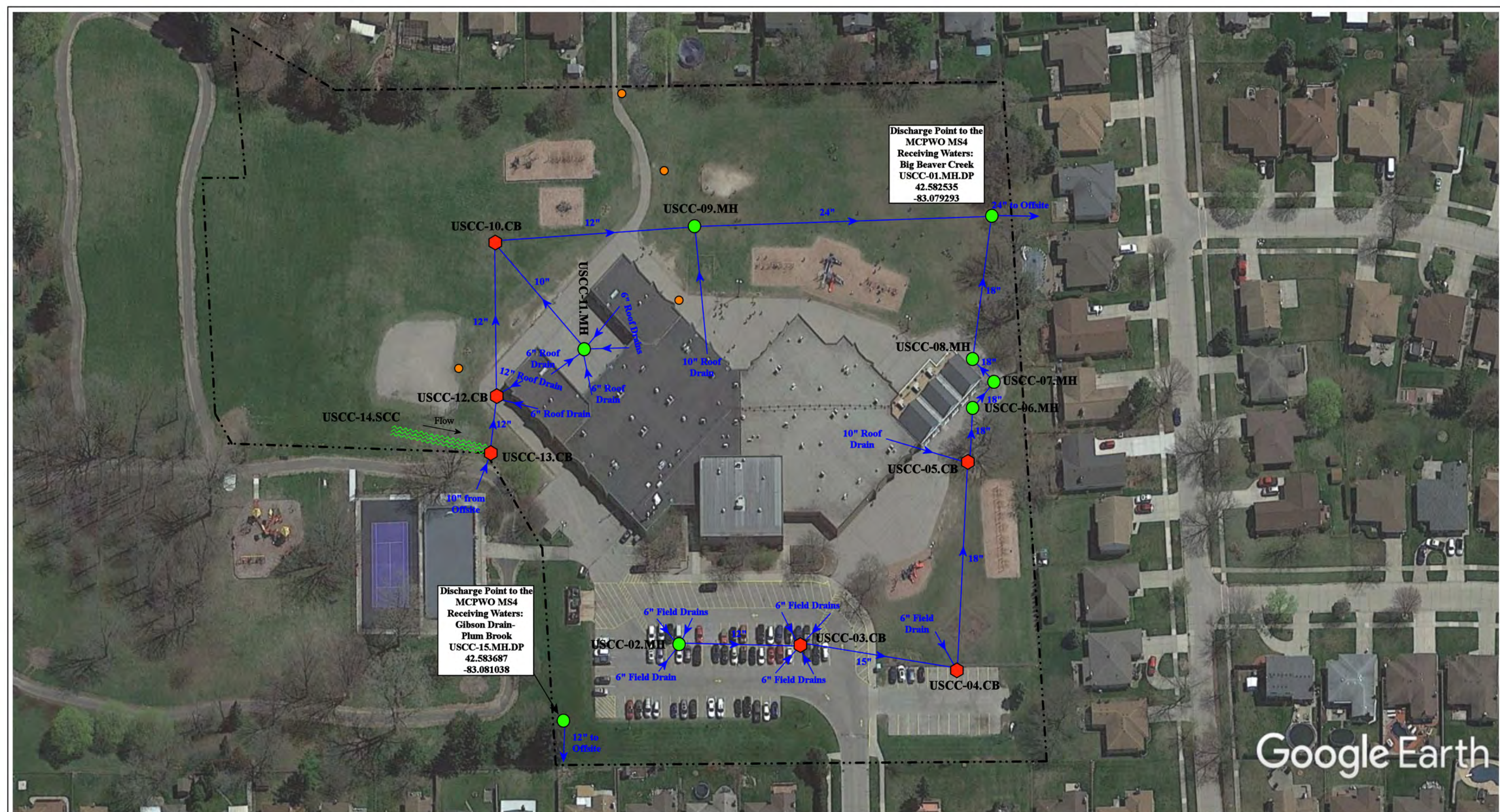
|                 |              |
|-----------------|--------------|
| Revision Date : | 06/16/2023   |
| Drawn by:       | CJ           |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



- ◆ = Catch Basin
- = Manhole
- = City of Sterling Heights MS4
- = Sanitary
- = Property Lines




|                                                                                                   |                           |
|---------------------------------------------------------------------------------------------------|---------------------------|
| 38397 Gladstone Dr, Sterling Heights, MI 48312                                                    |                           |
| <b>Rose Kidd Elementary School</b>                                                                | Revision Date: 10/13/2021 |
| Utica Community Schools                                                                           | Drawn by: MRW             |
|                                                                                                   | Reviewed: EG              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 1 of 1            |
|                                                                                                   | Scale: Not to Scale       |



Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Big Beaver Creek  
USCC-01.MH.DP  
42.582535  
-83.079293

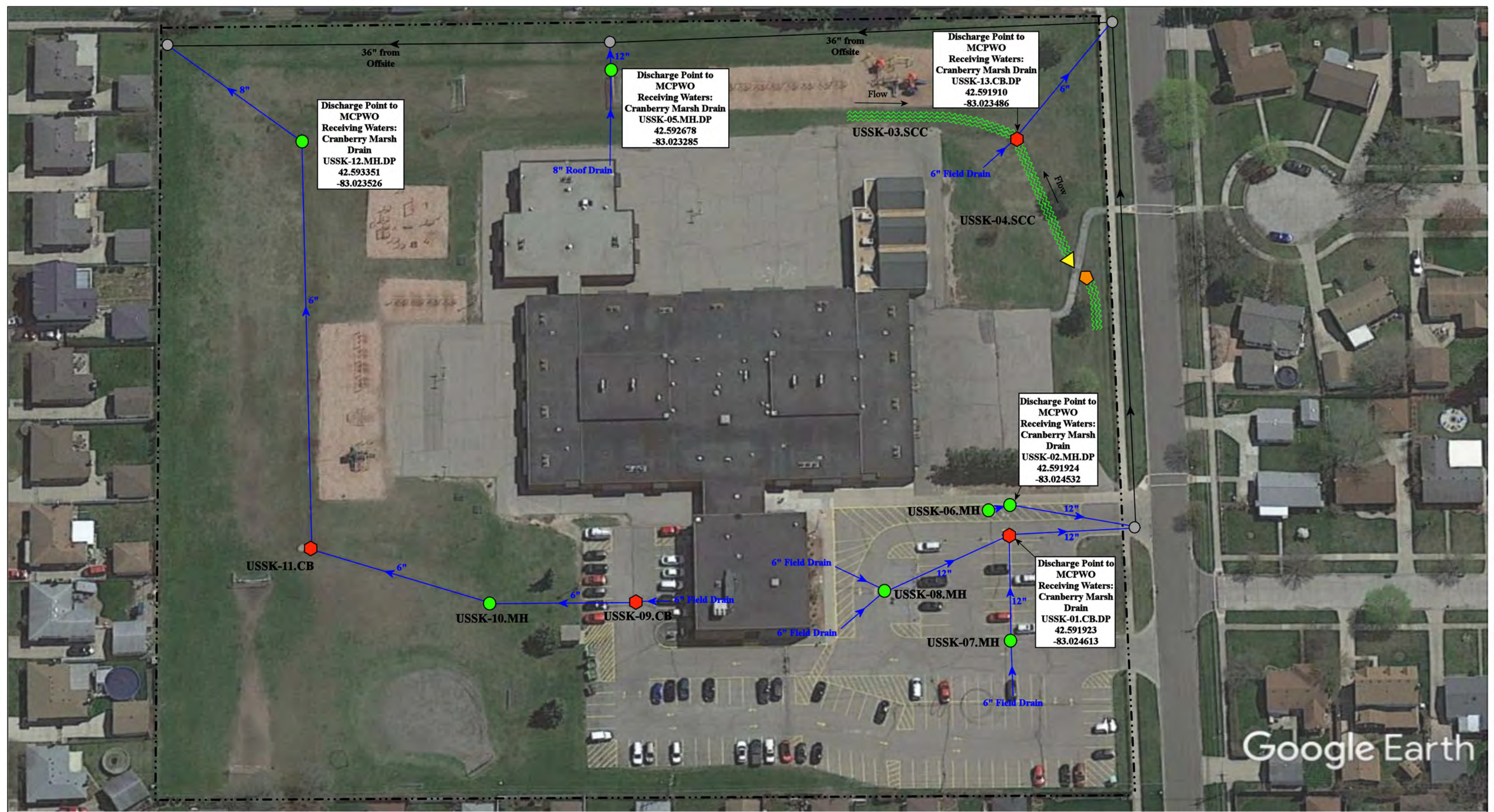
Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Gibson Drain-  
Plum Brook  
USCC-15.MH.DP  
42.583687  
-83.081038

Google Earth

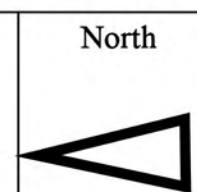
|                                                                                       |              |
|---------------------------------------------------------------------------------------|--------------|
| 2900 Holly Drive, Sterling Heights, Michigan 48310                                    |              |
| <b>Schuchard Elementary School</b>                                                    |              |
| Utica Community Schools                                                               |              |
|  |              |
| Revision Date:                                                                        | 09/28/2020   |
| Drawn by:                                                                             | JK           |
| Reviewed:                                                                             | KD           |
| Page #:                                                                               | 1 of 1       |
| Scale:                                                                                | Not to Scale |


- = Property Lines
- = Manhole
- ◆ = Catch Basin
- = Sanitary
- ≡ = Stormwater Conveyance Channel



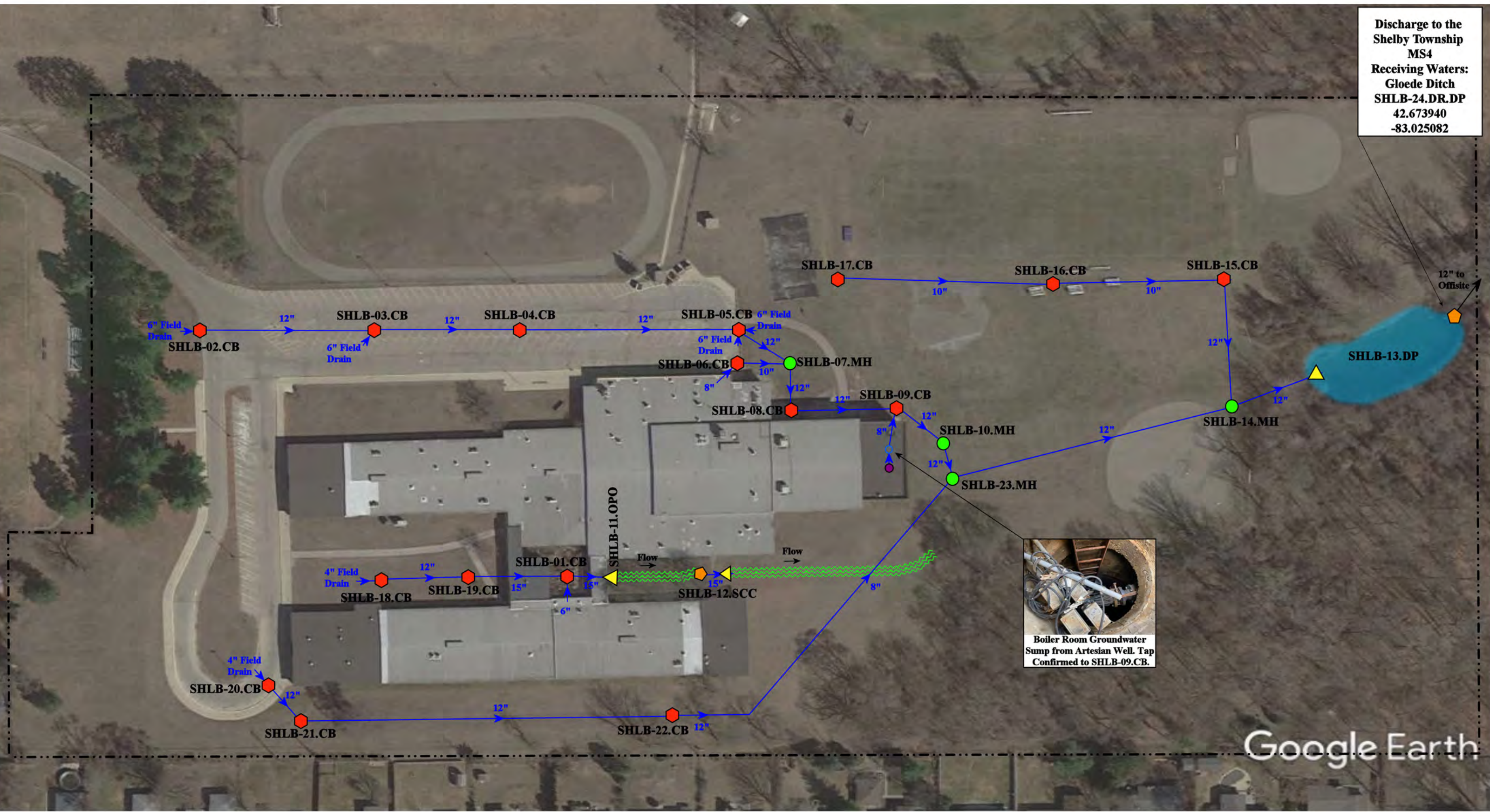


- · - · - · - = Property Line      ● = Manhole      ≍ = Stormwater Conveyance Channel  
 ● = Catch Basin      ○ = MS4



|                                                                                                   |                         |
|---------------------------------------------------------------------------------------------------|-------------------------|
| 8401 Constitution Blvd, Sterling Heights MI 48313                                                 |                         |
| <b>Schwarzkoﬀ Elementary School</b>                                                               | Revision Date: 11/25/20 |
| Utica Community Schools                                                                           | Drawn by: JK            |
|              | Reviewed: CD            |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 1 of 1          |
|                                                                                                   | Scale: Not to Scale     |

Discharge to the  
Shelby Township  
MS4  
Receiving Waters:  
Gloede Ditch  
SHLB-24.DR.DP  
42.673940  
-83.025082



Google Earth

51700 Van Dyke Avenue, Shelby Township, Michigan 48316

**Shelby Jr. High School**

Utica Community Schools

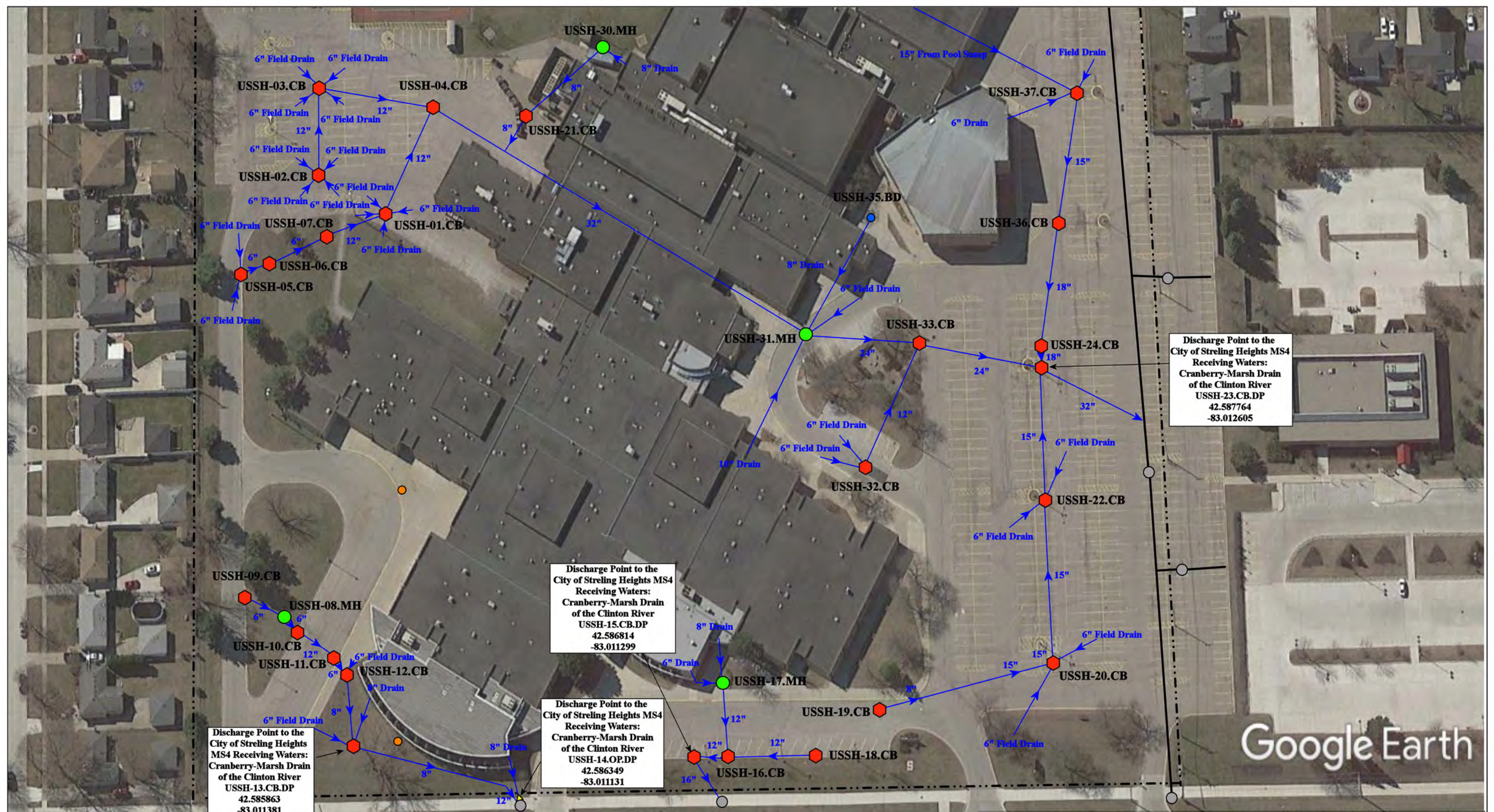


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Artesian Well
- = Groundwater Sump
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



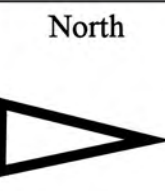
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|-----------------|--------------|
| Revision Date : | 05/26/2022   |
| Drawn by:       | EMB          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Google Earth

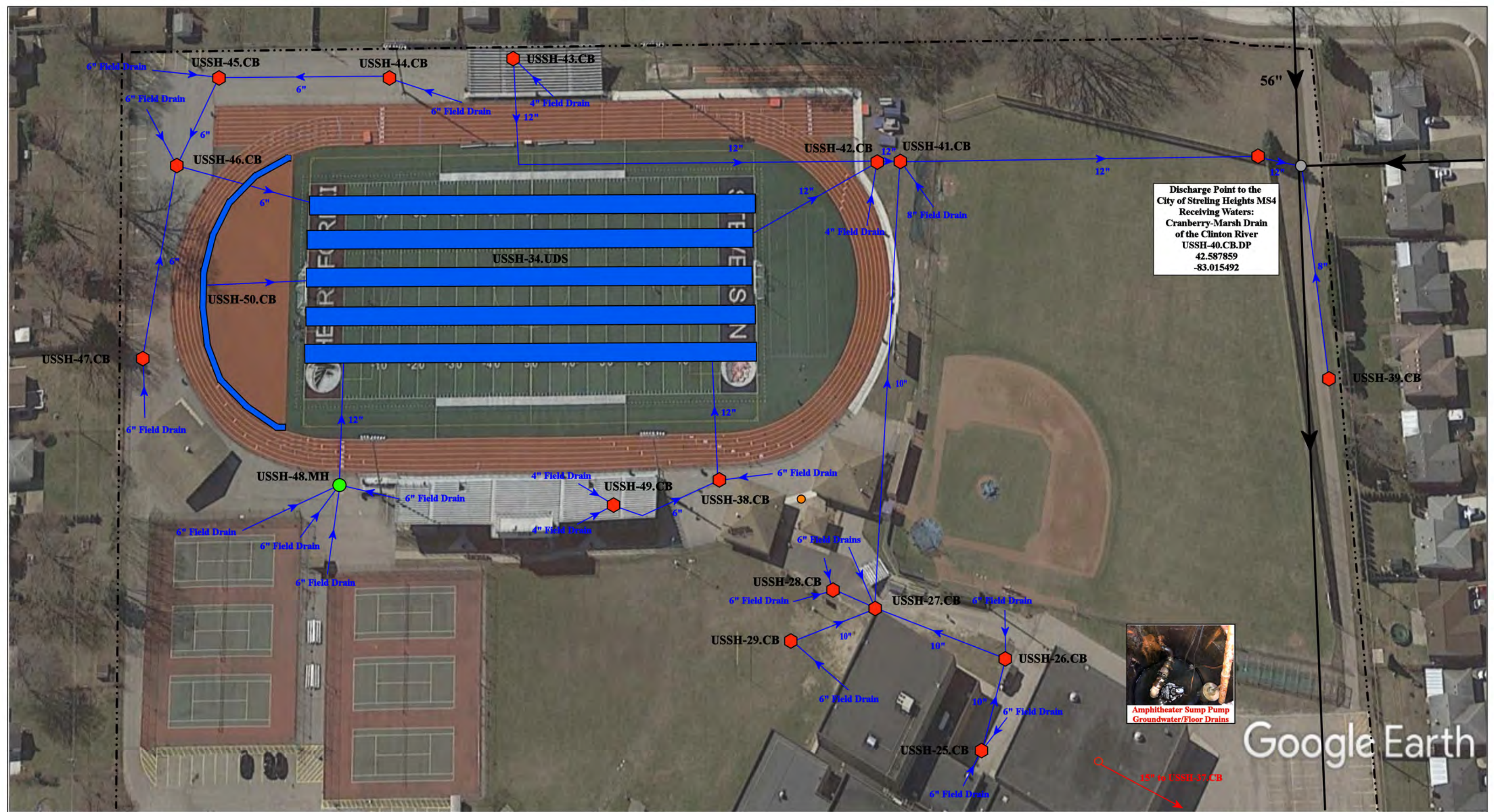
39701 Dodge Park Road, Sterling Heights MI 48313

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                                                                                                                                                     |  |                 |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| <h1>Stevenson High School</h1> <p>Utica Community Schools</p>  |  | Revision Date : | 04/05/2023   |
|                                                                                                                                                     |  | Drawn by:       | JLP          |
| <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                         |  | Reviewed:       | BK           |
|                                                                                                                                                     |  | Page #:         | 1 of 2       |
|                                                                                                                                                     |  | Scale:          | Not to Scale |





Discharge Point to the  
City of Sterling Heights MS4  
Receiving Waters:  
Cranberry-Marsh Drain  
of the Clinton River  
USSH-40.CB.DP  
42.587859  
-83.015492

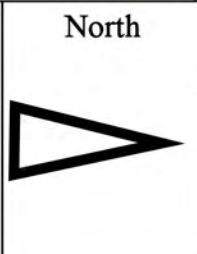


Amphitheater Sump Pump  
Groundwater/Floor Drains

Google Earth

39701 Dodge Park Road, Sterling Heights MI 48313

|               |                      |                                    |                                |
|---------------|----------------------|------------------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure                 | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet                | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter                    | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Interior Sump to Storm (Illicit) | = Underground Detention System |
| = Sanitary    | = Property Lines     |                                    |                                |



**Stevenson High School**  
Utica Community Schools

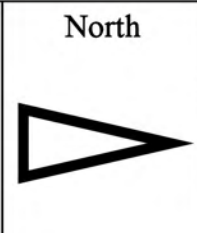
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 04/05/2023   |
| Drawn by:      | JLP          |
| Reviewed:      | BK           |
| Page #:        | 2 of 2       |
| Scale:         | Not to Scale |

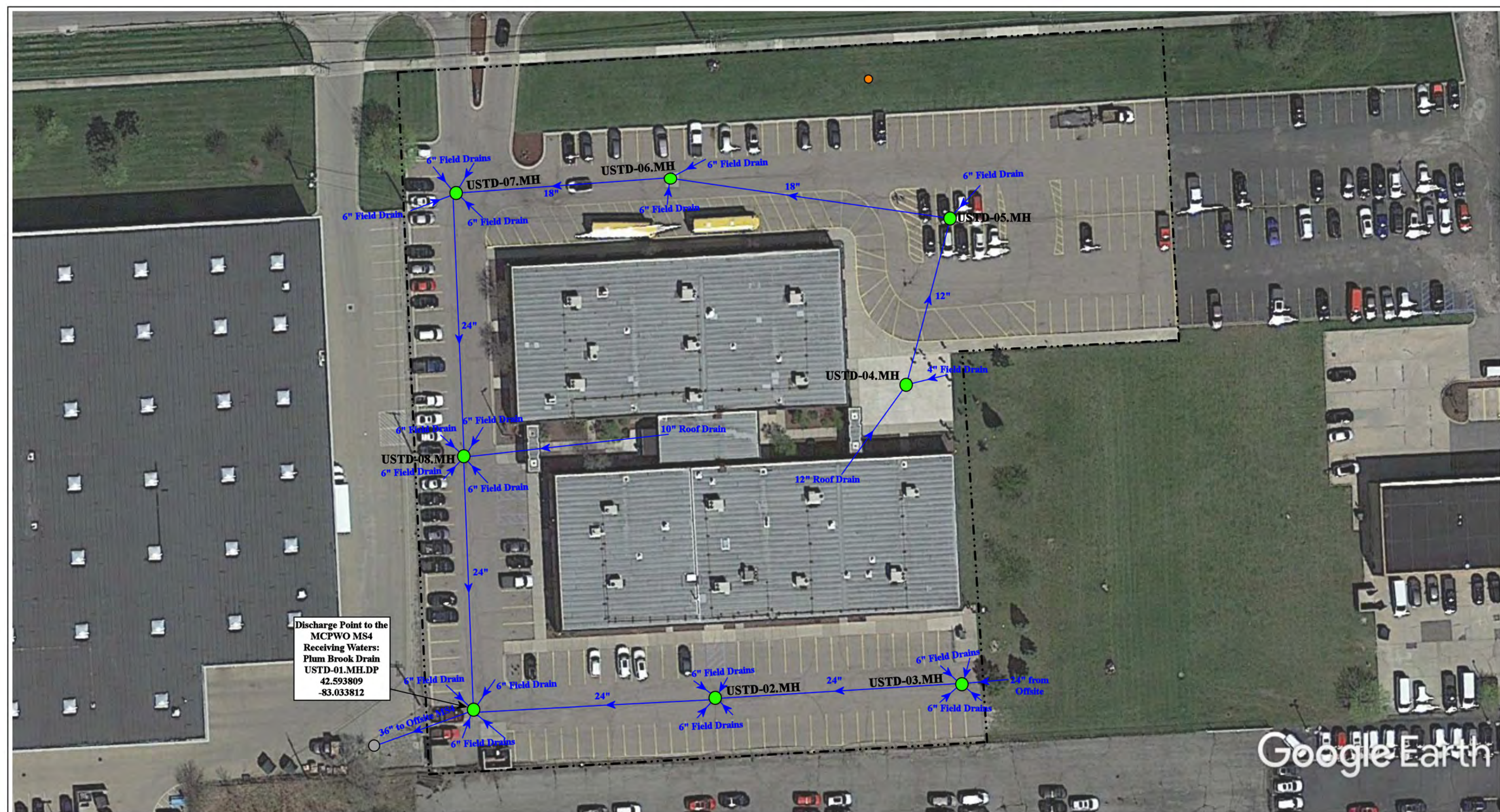
Discharge Point to the City of Shelby Township MS4 Receiving Waters:  
 Yates Drain  
 Middle Branch of the Clinton River  
 SES-06.CB.DP  
 42.684536  
 -83.067860



- = Infiltration Basin
- ◆ = Catch Basin
- = Manhole
- = Sanitary Lift Station
- = Sanitary



|                                                                                                                                                |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 53200 Shelby Road, Shelby Township, MI 48316                                                                                                   |  |                 |              |
| <b>Switzer Elementary School</b>                                                                                                               |  | Revision Date : | 11/19/2021   |
| Utica Community Schools                                                                                                                        |  | Drawn by:       | CJ           |
|                                                                                                                                                |  | Reviewed:       | MW           |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  | Page #:         | 1 of 1       |
|                                                                                                                                                |  | Scale:          | Not to Scale |



Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Plum Brook Drain  
USTD-01.MH.DP  
42.593809  
-83.033812

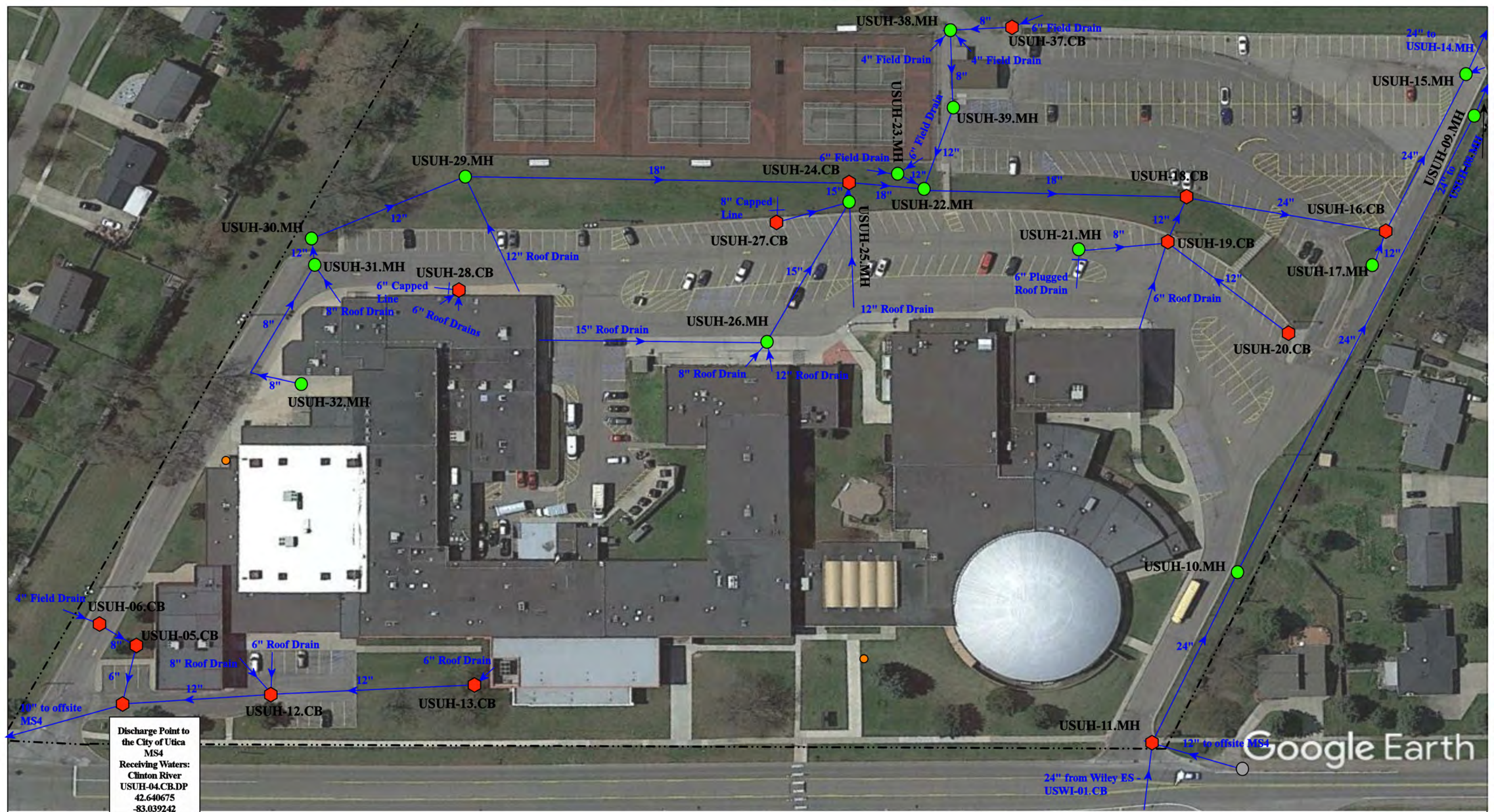
Google Earth

7600 18 Mile Road, Sterling Heights, Michigan 48314

|                                                                                       |                                                                                                                     |  |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--|
|  | <b>Utica Center-Applied Learning</b>                                                                                |  |
|                                                                                       | Utica Community Schools                                                                                             |  |
|                                                                                       | <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  |
|                                                                                       | <small>environmental group</small>                                                                                  |  |
| Revision Date :                                                                       | 09/28/2020                                                                                                          |  |
| Drawn by:                                                                             | JK                                                                                                                  |  |
| Reviewed:                                                                             | KD                                                                                                                  |  |
| Page #:                                                                               | 1 of 1                                                                                                              |  |
| Scale:                                                                                | Not to Scale                                                                                                        |  |

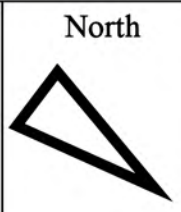
- - - = Property Lines
- = Manhole
- = Sanitary



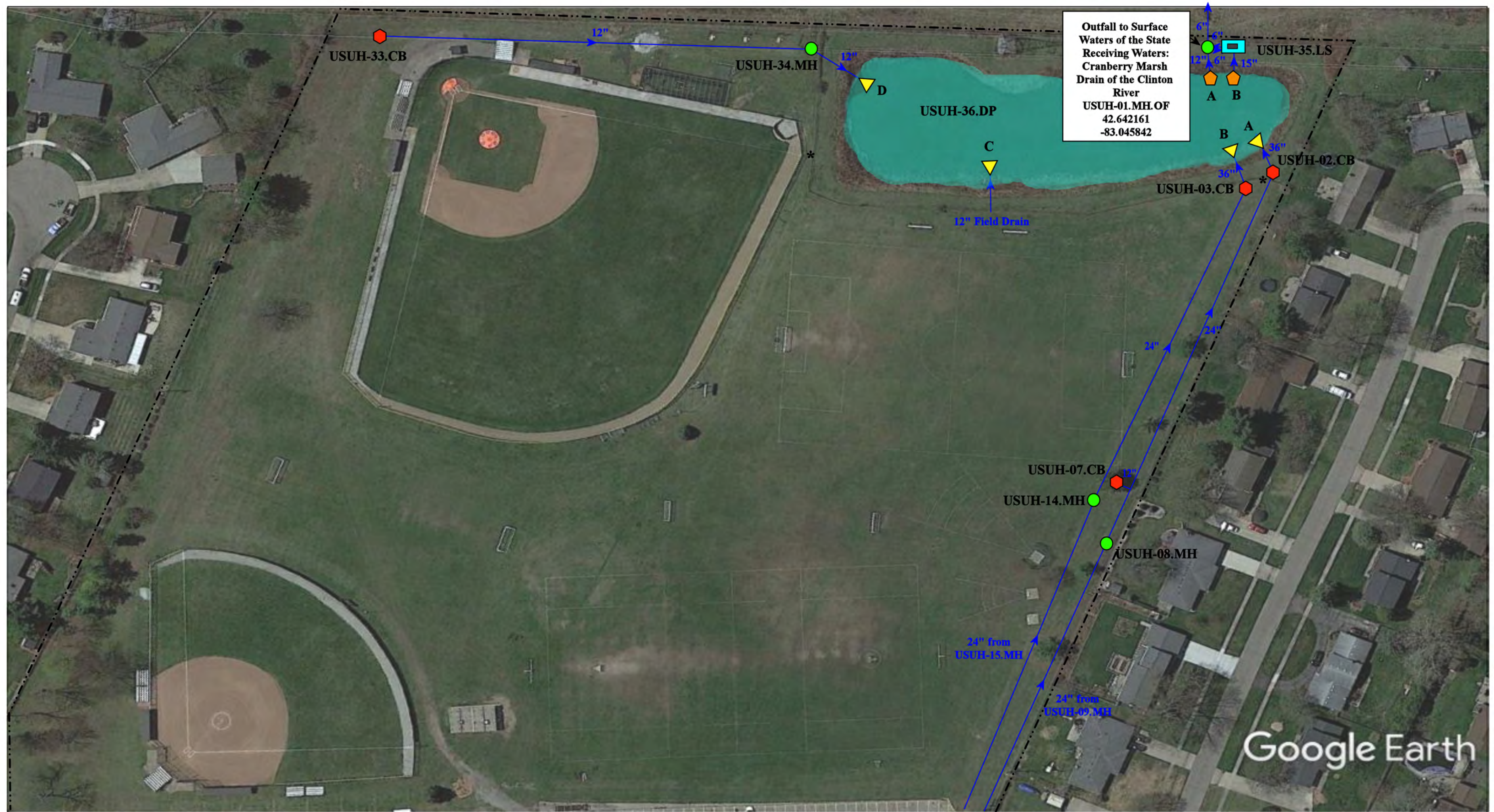


Discharge Point to the City of Utica MS4  
 Receiving Waters: Clinton River  
 USUH-04.CB.DP  
 42.640675  
 -83.039242

- = Manhole
- = Offsite MS4
- = Property Boundaries
- = Sanitary Sewer
- ⬡ = Catch Basin




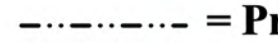





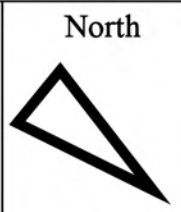
|                                                                                                                                                |  |                 |              |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 47255 Shelby Rd, Utica, MI 48317                                                                                                               |  | Revision Date : | 09/08/2020   |
| <b>Utica High School</b>                                                                                                                       |  | Drawn by:       | CD           |
| Utica Community Schools                                                                                                                        |  | Reviewed:       | KD           |
|                                                           |  | Page #:         | 1 of 2       |
| <small>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</small> |  | Scale:          | Not to Scale |



Outfall to Surface Waters of the State  
 Receiving Waters:  
 Cranberry Marsh  
 Drain of the Clinton River  
 USUH-01.MH.OF  
 42.642161  
 -83.045842

Google Earth

|                                                                                                          |                                                                                                         |                                                                                                      |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|  = Catch Basin        |  = Open Pipe Outlet  |  = Access Point |
|  = Property Boundaries |  = Drainage Receptor |                                                                                                      |
|  = Manhole            |  = Flow Splitter     |                                                                                                      |



|                                                                                       |                                                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 47255 Shelby Rd, Utica, MI 48317                                                      |                                                                                                   |
| <b>Utica High School</b>                                                              |                                                                                                   |
| Utica Community Schools                                                               |                                                                                                   |
|  | 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |
| Revision Date:                                                                        | 09/08/2020                                                                                        |
| Drawn by:                                                                             | CD                                                                                                |
| Reviewed:                                                                             | KD                                                                                                |
| Page #:                                                                               | 2 of 2                                                                                            |
| Scale:                                                                                | Not to Scale                                                                                      |



Discharge Point to the City of Shelby Township MS4  
 Receiving Waters: Plum Brook of the Clinton River  
 WUE-11.CB.DP  
 42.629876  
 -83.058914

Mon Oct 18 2021  
 Imagery © 2022 Nearmap, HERE  
 50 ft

nearmap

5415 W. Utica Road, Shelby Township, Michigan 48317

# West Utica Elementary School

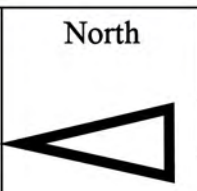
Utica Community Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

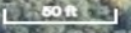
|                 |              |
|-----------------|--------------|
| Revision Date : | 02/14/2022   |
| Drawn by:       | EMB          |
| Reviewed:       | CMJ          |
| Page #:         | 1 of 2       |
| Scale:          | Not to Scale |

|               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |





Mon Oct 18 2021



nearmap

5415 W. Utica Road, Shelby Township, Michigan 48317

# West Utica Elementary School

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 02/14/2022   |
| Drawn by:       | EMB          |
| Reviewed:       | CMJ          |
| Page #:         | 2 of 2       |
| Scale:          | Not to Scale |

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |

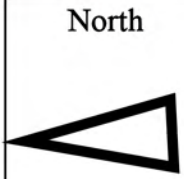




Google Earth

47240 Shelby Road, Shelby Township, MI 48317

- = Property Boundary
- = Sanitary Sewer
- ◆ = Catch Basin
- = Offsite MS4
- = Manhole



Wiley Elementary/Transportation, Maintenance, and Grounds

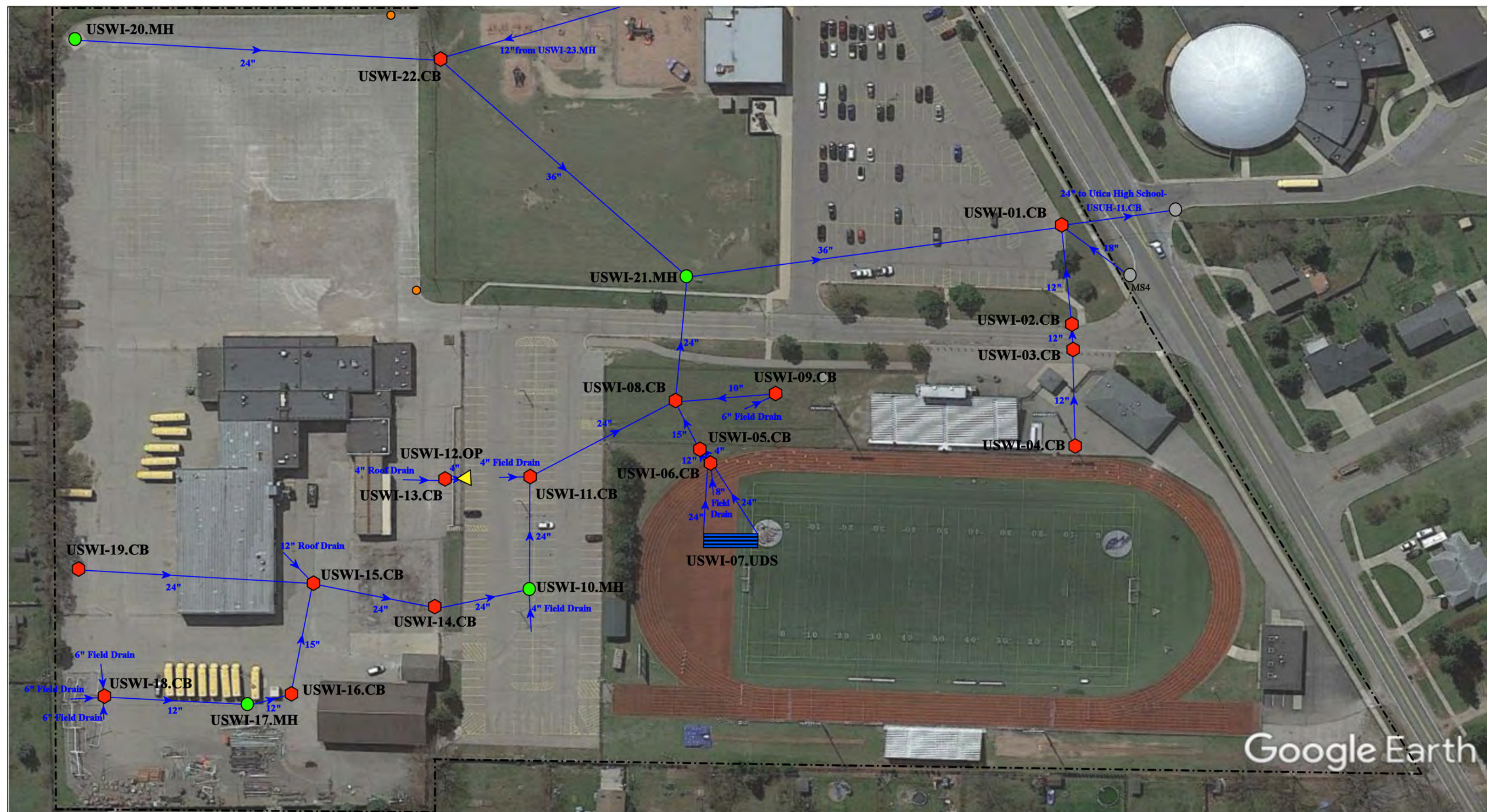
Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 6/1/2020     |
| Drawn by:       | CD           |
| Reviewed:       | KD           |
| Page #:         | 1 of 2       |
| Scale:          | Not to Scale |





Google Earth

47240 Shelby Road, Shelby Township, MI 48317

Wiley Elementary/Transportation, Maintenance, and Grounds

Utica Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = **Property Boundary**
- 🔴 = **Catch Basin**
- 🟢 = **Manhole**

- 🟡 = **Open Pipe Outlet**
- 🟠 = **Sanitary Sewer**
- ▬▬▬ = **Underground Detention System**
- = **Offsite Basin**



|                 |              |
|-----------------|--------------|
| Revision Date : | 6/1/2020     |
| Drawn by:       | CD           |
| Reviewed:       | KD           |
| Page #:         | 2 of 2       |
| Scale:          | Not to Scale |

## Receiving Waters Table

| Van Dyke Public Schools                                                         |                           |                                      |                      |                              |                                       |                         |
|---------------------------------------------------------------------------------|---------------------------|--------------------------------------|----------------------|------------------------------|---------------------------------------|-------------------------|
| FACILITY                                                                        | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |                      | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                      | WATERSHED               |
| Carlson Elementary School                                                       | VDCE-01.CB.DP             | 42.485278                            | -82.996706           | City of Warren MS4           | Harrington West Drain                 | Clinton River Watershed |
|                                                                                 | VDCE-02.MD.DP             | 42.484382                            | -82.998982           | City of Warren MS4           | Harrington West Drain                 | Clinton River Watershed |
|                                                                                 | VDCE-03.CB.DP             | 42.483743                            | -82.997093           | City of Warren MS4           | Harrington West Drain                 | Clinton River Watershed |
| Kennedy Early Childhood Center                                                  | VDKE-01.CB.DP             | 42.474466                            | -83.010856           | City of Warren MS4           | Lorraine Drain                        | Clinton River Watershed |
| Lincoln Elementary School / Lincoln High School / Lincoln Middle School COMPLEX | VDHS-01.MH.DP             | 42.463200                            | -83.018776           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-09.MH.DP             | 42.461775                            | -83.018671           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-31.MH.DP             | 42.461676                            | -83.018809           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-34.MH.DP             | 42.463136                            | -83.021002           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-41.CB.DP             | 42.458764                            | -83.020850           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-57.CB.DP             | 42.461676                            | -83.018809           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-63.MH.DP             | 42.460307                            | -83.018936           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-72.CB.DP             | 42.458844                            | -83.018517           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-78.CB.DP             | 42.458248                            | -83.019533           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDHS-82.MH.DP             | 42.458083                            | -83.019239           | City of Van Dyke MS4         | Lorraine Drain                        | Clinton River Watershed |
| VDHS-88.MH.DP                                                                   | 42.458194                 | -83.020827                           | City of Van Dyke MS4 | Lorraine Drain               | Clinton River Watershed               |                         |
| McKinley Elementary School                                                      | VDME-01.CB.DP             | 42.456653                            | -82.991603           | City of Warren MS4           | Red Run Drain                         | Clinton River Watershed |
|                                                                                 | VDME-02.CB.DP             | 42.457501                            | -82.989895           | City of Warren MS4           | Red Run Drain                         | Clinton River Watershed |
| Service Building and Washington Elementary School Complex                       | VDWE-01.CB.DP             | 42.464004                            | -83.009711           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
|                                                                                 | VDWE-02.MH.DP             | 42.464649                            | -83.009575           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
|                                                                                 | VDWE-03.CB.DP             | 42.464602                            | -83.007600           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
|                                                                                 | VDWE-13.MH.DP             | 42.464435                            | -83.008874           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
| Thompson Community Center                                                       | VDTC-01.CB.DP             | 42.459210                            | -83.009329           | City of Warren MS4           | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDTC-02.CB.DP             | 42.459130                            | -83.010182           | City of Warren MS4           | Lorraine Drain                        | Clinton River Watershed |
|                                                                                 | VDTC-03.CB.DP             | 42.459165                            | -83.009739           | City of Warren MS4           | Lorraine Drain                        | Clinton River Watershed |
| Van Dyke Public Schools Administration Building                                 | VDPS-01.CB.DP             | 42.467832                            | -83.017844           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
|                                                                                 | VDPS-02.CB.DP             | 42.467292                            | -83.016920           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
| Vacant Lot at 11375 Jackson Rd, Warren MI                                       | VDJV-01.MH.DP             | 42.450937                            | -83.009904           | City of Warren MS4           | Harrington Drain of the Clinton River | Clinton River Watershed |
| Vacant Lot at 22230 Peters Avenue, Warren MI                                    | PAL-01.MH.DP              | 42.459203                            | -83.027822           | City of Warren MS4           | Harrington West Drain                 | Clinton River Watershed |
|                                                                                 | PAL-02.OP.DP              | 42.458707                            | -83.028162           | City of Warren MS4           | Harrington West Drain                 | Clinton River Watershed |




- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System



23500 Mac Arthur Blvd, Warren, MI 48089

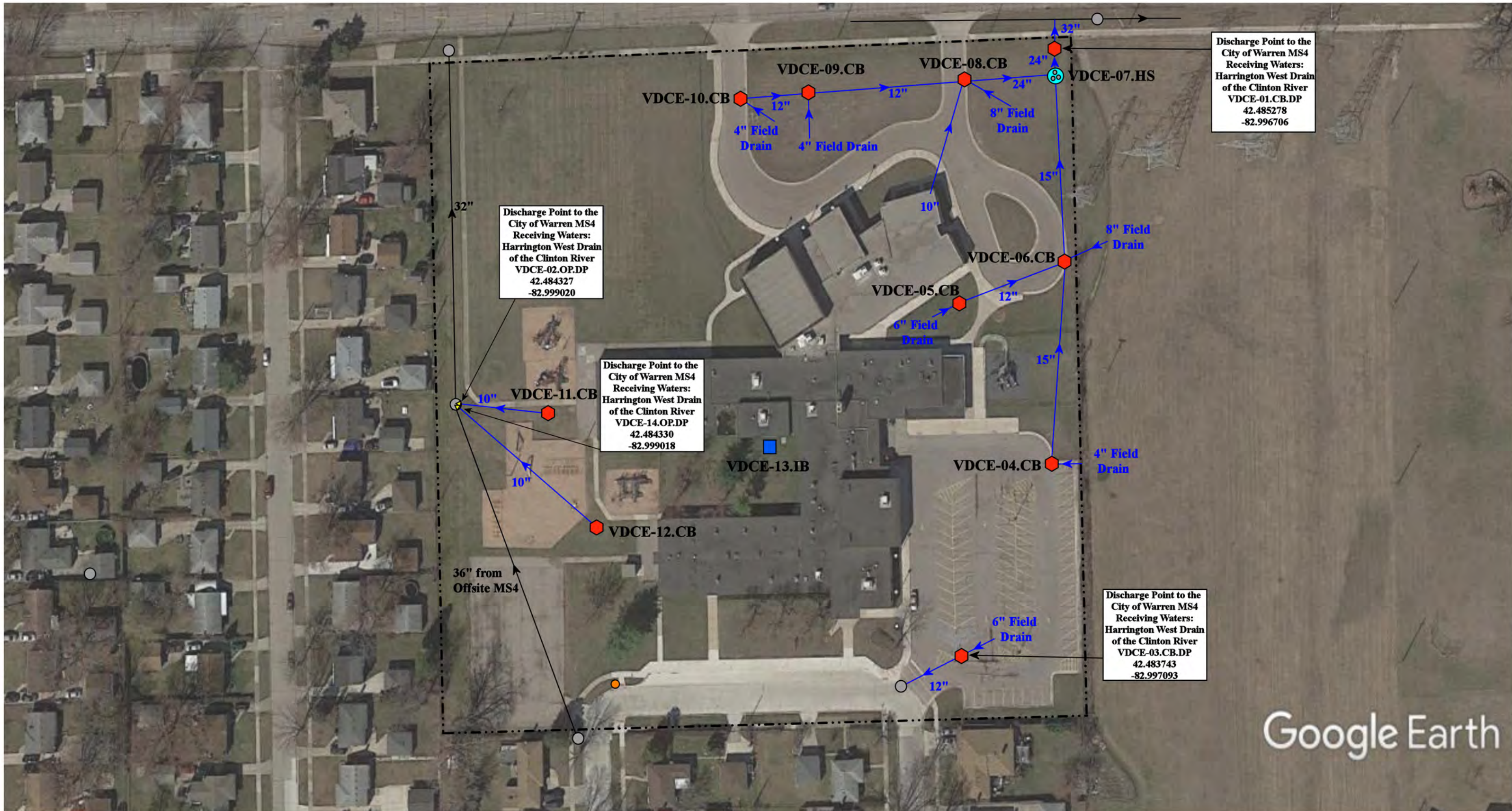
## Administration Building

Van Dyke Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 10/4/2022    |
| Drawn by:       | WM           |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the City of Warren MS4  
Receiving Waters:  
Harrington West Drain  
of the Clinton River  
VDCE-01.CB.DP  
42.485278  
-82.996706

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Harrington West Drain  
of the Clinton River  
VDCE-02.OP.DP  
42.484327  
-82.999020

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Harrington West Drain  
of the Clinton River  
VDCE-14.OP.DP  
42.484330  
-82.999018

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Harrington West Drain  
of the Clinton River  
VDCE-03.CB.DP  
42.483743  
-82.997093

Google Earth

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| 12355 Mruk Avenue, Warren, MI 48089                                                                                 |  | Revision Date: | 10/21/2022   |
| Carlson Elementary School                                                                                           |  | Drawn by:      | MRW          |
| Van Dyke Public Schools                                                                                             |  | Reviewed:      | LK           |
|                                                                                                                     |  | Page #:        | 1 of 1       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:         | Not to Scale |



--- = Property Lines

○ = Offsite MS4

⬠ = Catch Basin

● = Manhole

North



11333 Kaltz Avenue, Warren, MI 48089

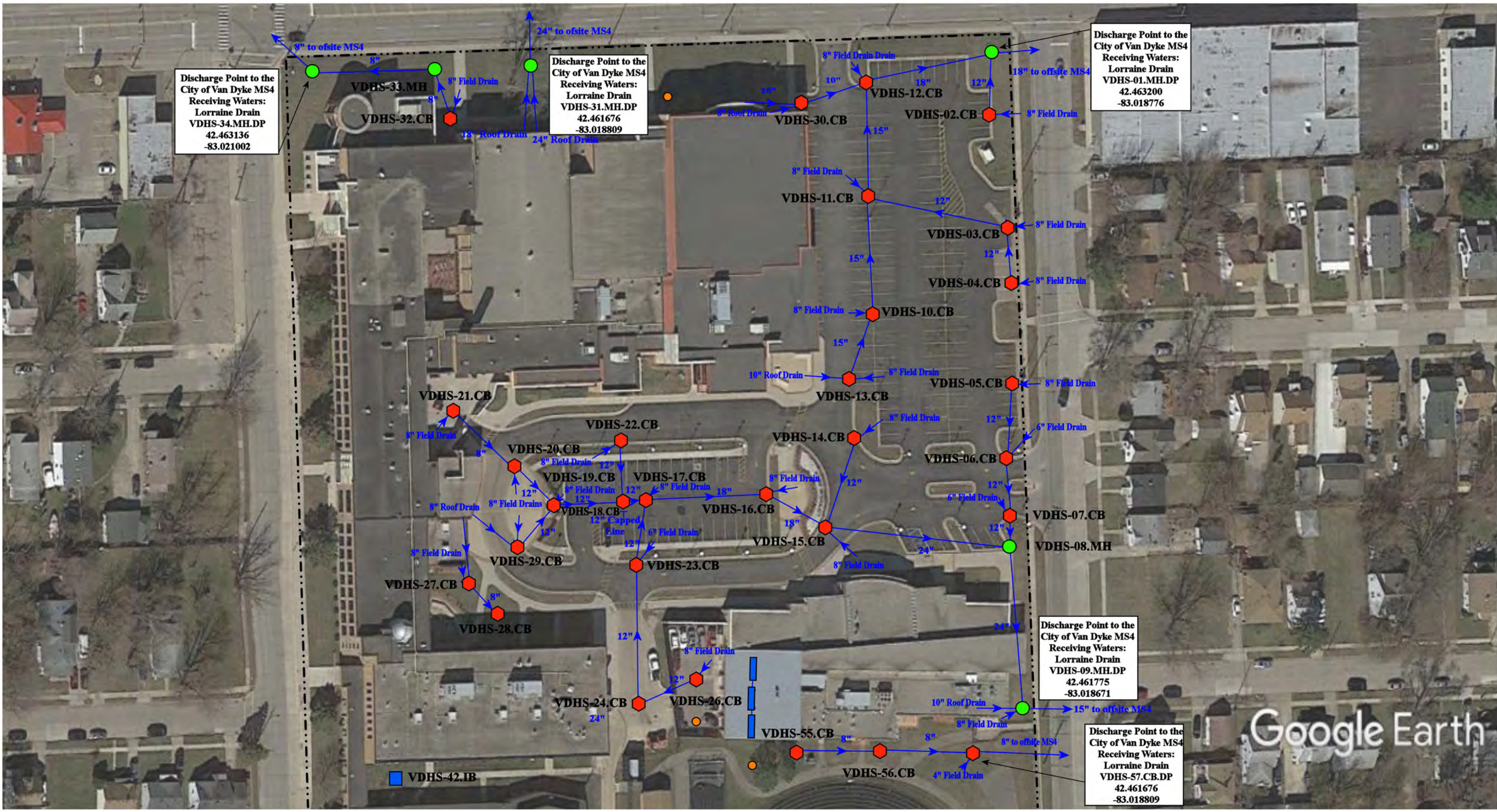
**Kennedy Early Childhood Center**

Van Dyke Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 05/10/2021   |
| Drawn by:      | JLP          |
| Reviewed:      | CCD          |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Discharge Point to the City of Van Dyke MS4  
Receiving Waters:  
Lorraine Drain  
VDHS-34.MH.DP  
42.463136  
-83.021002

Discharge Point to the City of Van Dyke MS4  
Receiving Waters:  
Lorraine Drain  
VDHS-31.MH.DP  
42.461676  
-83.018809


Discharge Point to the City of Van Dyke MS4  
Receiving Waters:  
Lorraine Drain  
VDHS-01.MH.DP  
42.463200  
-83.018776

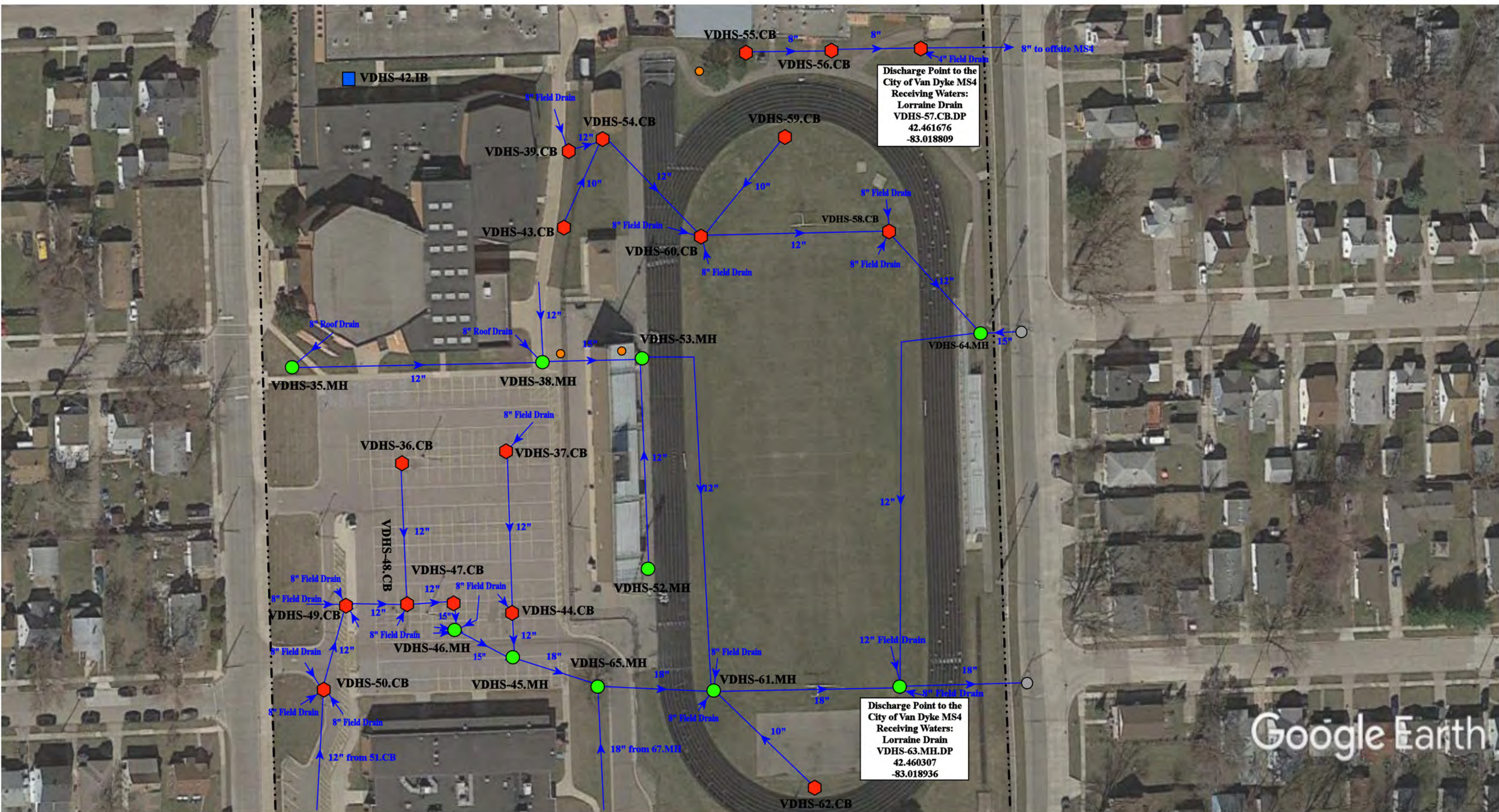
Discharge Point to the City of Van Dyke MS4  
Receiving Waters:  
Lorraine Drain  
VDHS-09.MH.DP  
42.461775  
-83.018671

Discharge Point to the City of Van Dyke MS4  
Receiving Waters:  
Lorraine Drain  
VDHS-57.CB.DP  
42.461676  
-83.018809

- - - = Property Lines
- = Infiltration Basin
- ⬡ = Catch Basin
- = Trench Drain
- = Manhole
- = Sanitary




|                                                                                                            |                |              |
|------------------------------------------------------------------------------------------------------------|----------------|--------------|
| 22100, 22500, 22900 Federal Avenue, Warren, MI 48089                                                       |                |              |
| Lincoln Elementary School-Lincoln Middle School-<br>Lincoln High School Complex<br>Van Dyke Public Schools | Revision Date: | 1/6/2021     |
|                                                                                                            | Drawn by:      | JLP          |
|                                                                                                            | Reviewed:      | BK           |
|                       | Page #:        | 1 of 4       |
|                                                                                                            | Scale:         | Not to Scale |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305          |                |              |

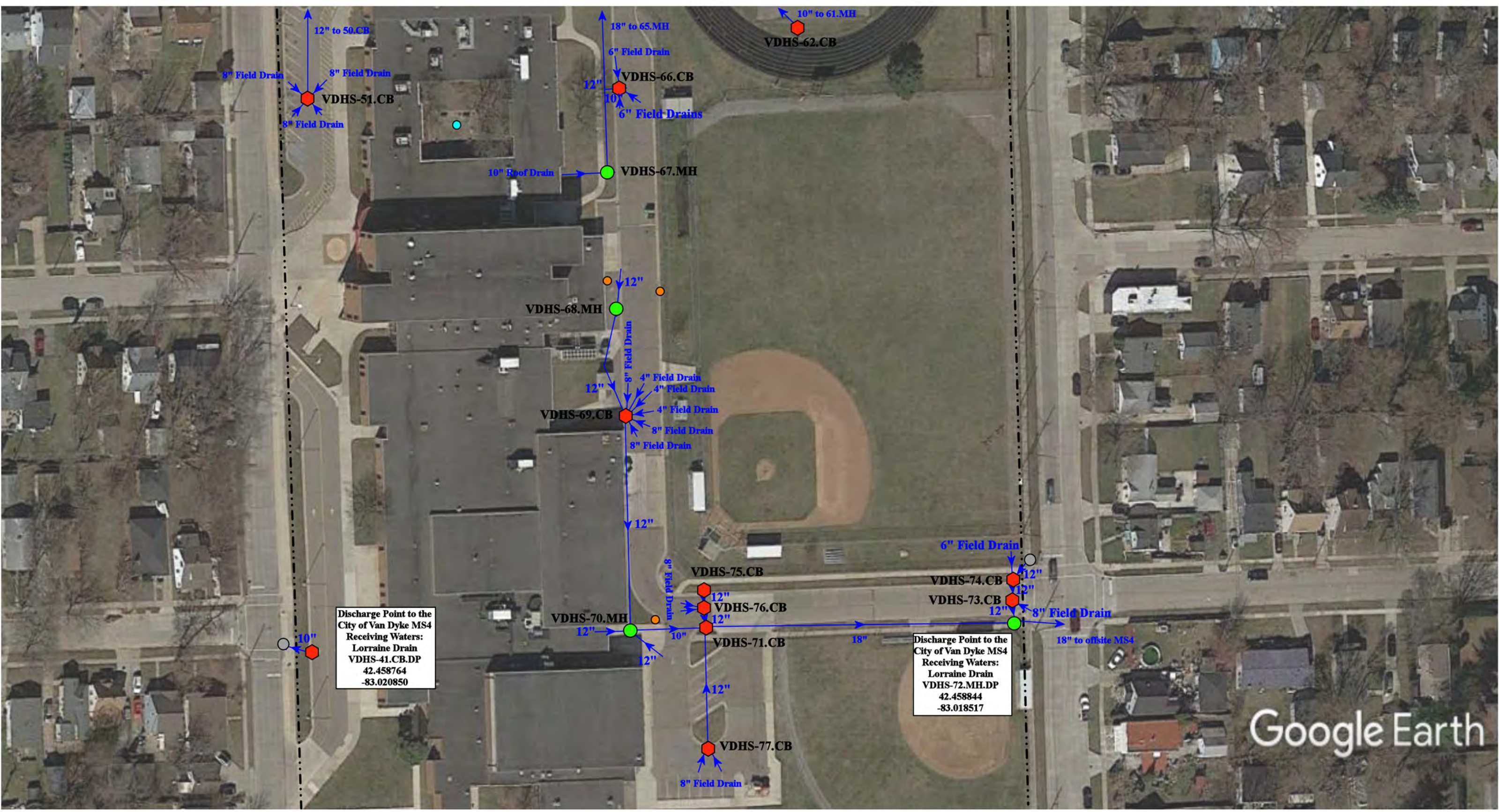


Google Earth

- = Property Lines
- ◊ = Catch Basin
- = Manhole
- = MS4
- = Infiltration Basin
- = Sanitary



|                                                                                                   |                 |              |
|---------------------------------------------------------------------------------------------------|-----------------|--------------|
| 22100, 22500, 22900 Federal Avenue, Warren, MI 48089                                              |                 |              |
| Lincoln Elementary School-Lincoln Middle School-                                                  | Revision Date : | 12/22/2021   |
| Lincoln High School Complex                                                                       | Drawn by:       | JLP          |
| Van Dyke Public Schools                                                                           | Reviewed:       | BK           |
|              | Page #:         | 2 of 4       |
|                                                                                                   | Scale:          | Not to Scale |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |                 |              |



--- = Property Lines

⬠ = Catch Basin

● = Manhole

○ = MS4

● = Landscape Drain

● = Sanitary

North



22100, 22500, 22900 Federal Avenue, Warren, MI 48089

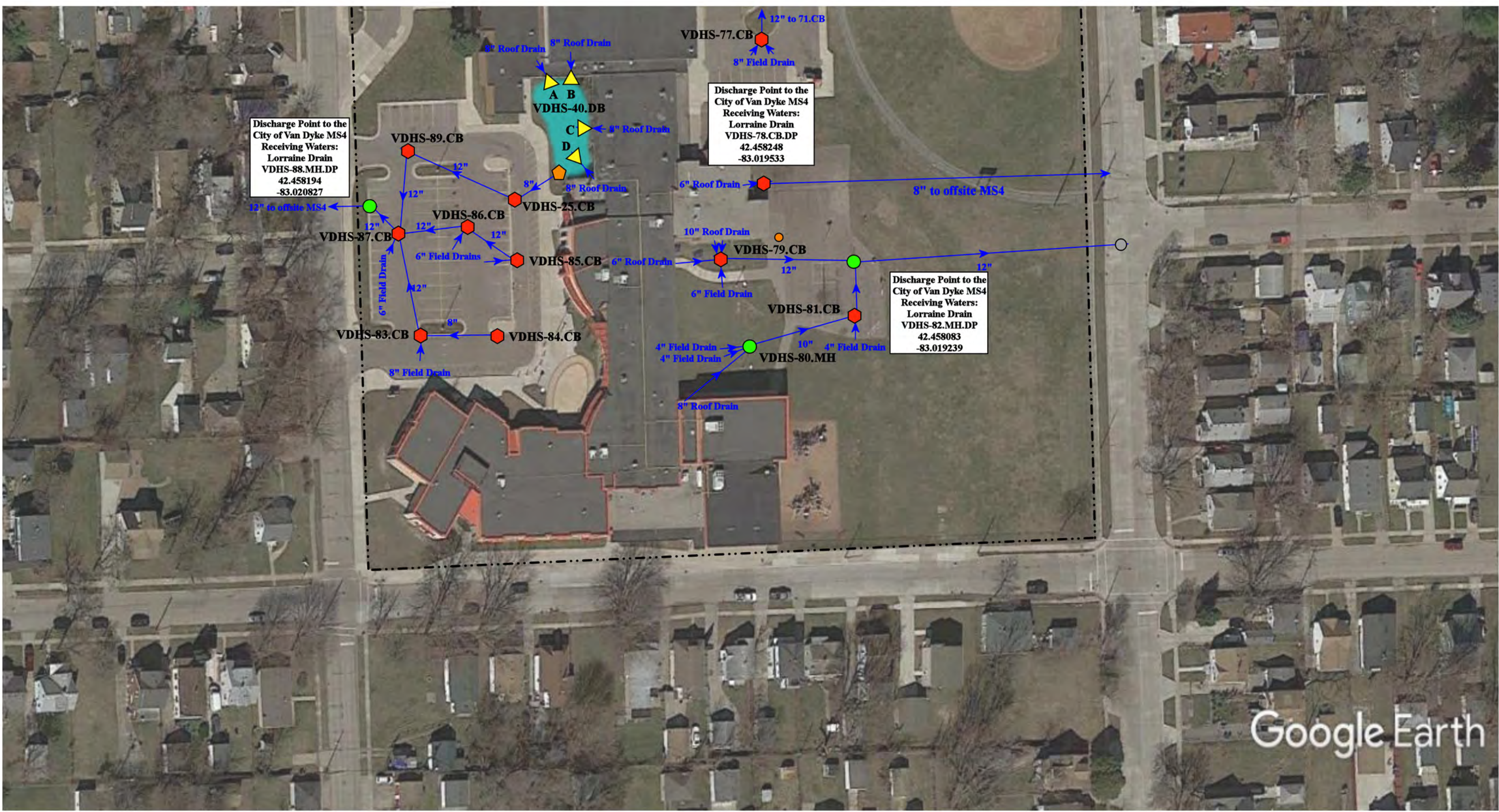
Lincoln Elementary School-Lincoln Middle School-  
Lincoln High School Complex  
Van Dyke Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 12/22/2021   |
| Drawn by:      | JLP          |
| Reviewed:      | BK           |
| Page #:        | 3 of 4       |
| Scale:         | Not to Scale |




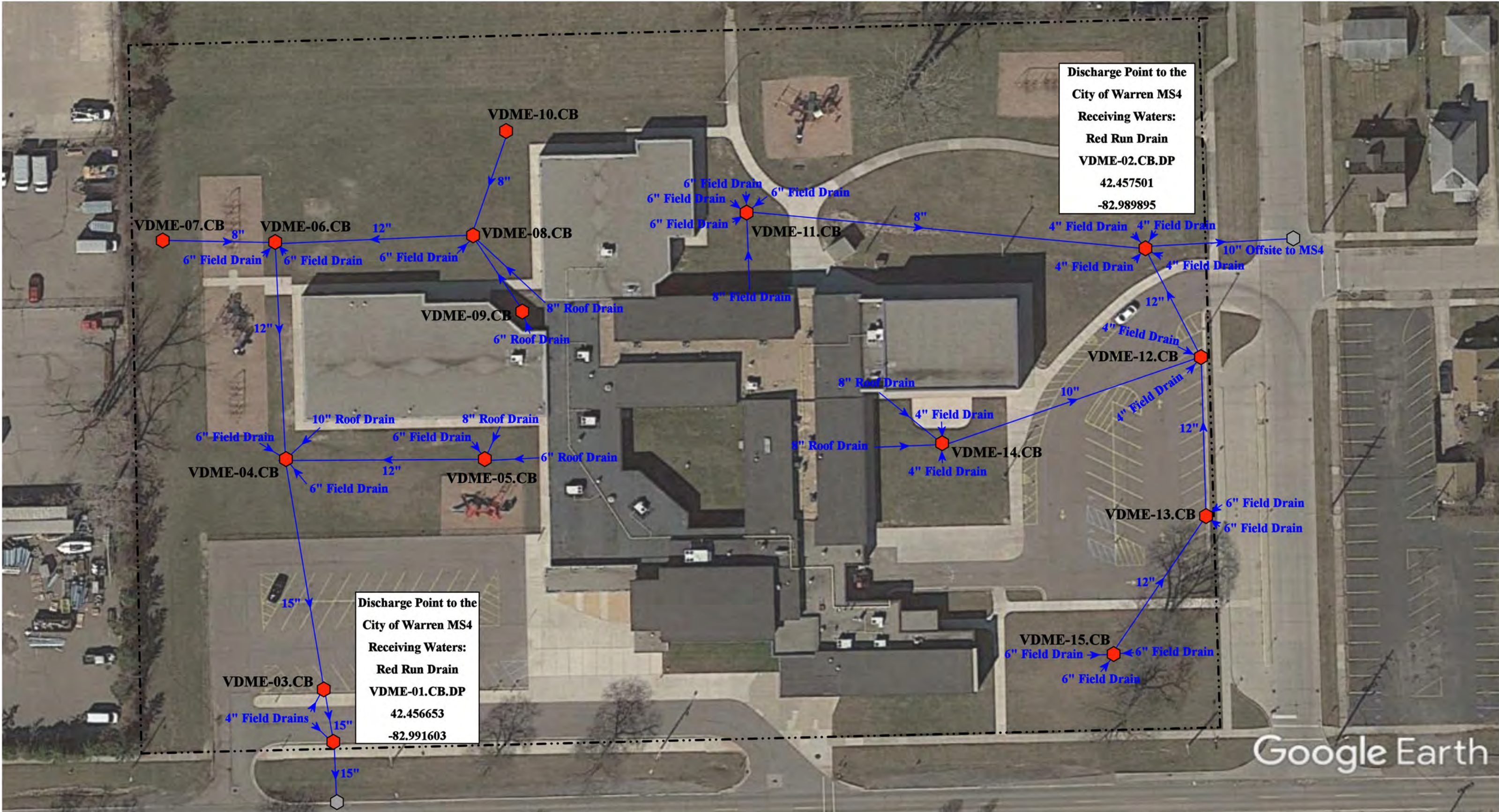


Google Earth

- = Property Lines
- = MS4
- ⬠ = Catch Basin
- △ = Open Pipe Outlet
- = Manhole
- = Bio Retention Basin



|                                                                                                                     |                 |              |
|---------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| 22100, 22500, 22900 Federal Avenue, Warren, MI 48089                                                                |                 |              |
| Lincoln Elementary School-Lincoln Middle School-<br>Lincoln High School Complex<br>Van Dyke Public Schools          | Revision Date : | 12/22/2021   |
|                                                                                                                     | Drawn by:       | JLP          |
|                                                                                                                     | Reviewed:       | BK           |
|                                | Page #:         | 4 of 4       |
|                                                                                                                     | Scale:          | Not to Scale |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |                 |              |



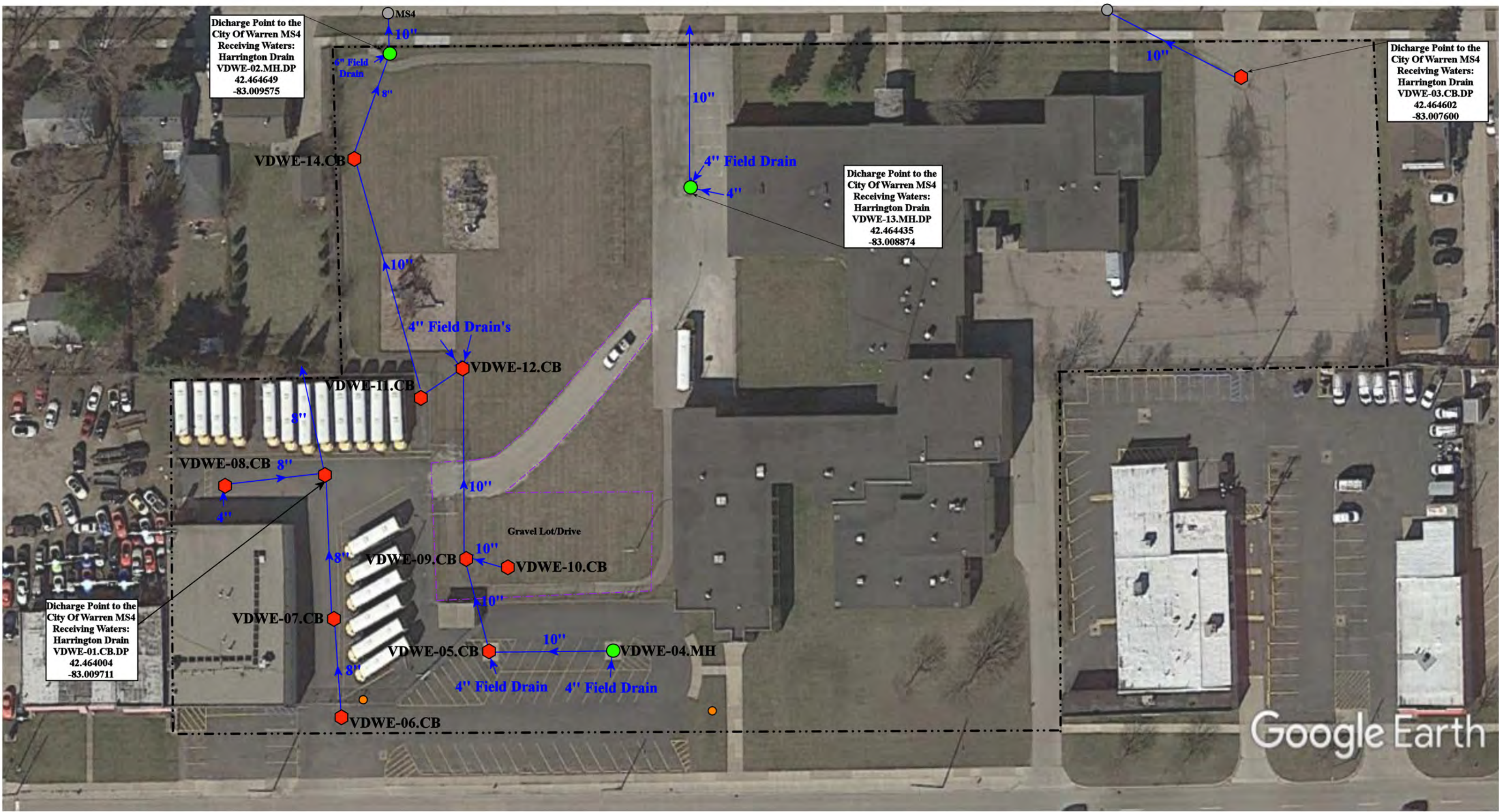
Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Red Run Drain  
VDME-02.CB.DP  
42.457501  
-82.989895

Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Red Run Drain  
VDME-01.CB.DP  
42.456653  
-82.991603

- ◆ = Catch basin
- = Property Lines
- ⬡ = Offste MS4



|                                                                                                                                       |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 13173 Toepfer Road, Warren, MI 48089                                                                                                  |  | Revision Date : | 4/9/2021     |
| <h2 style="text-align: center;">McKinley Elementary School</h2> <p style="text-align: center;">Van Dyke Public Schools</p>            |  | Drawn by:       | EG           |
|                                                                                                                                       |  | Reviewed:       | LK           |
| <p style="font-size: small;">37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |  | Page #:         | 1 of 1       |
|                                                                                                                                       |  | Scale:          | Not to Scale |




Dicharge Point to the City Of Warren MS4  
 Receiving Waters:  
 Harrington Drain  
 VDWE-02.MH.DP  
 42.464649  
 -83.009575

Dicharge Point to the City Of Warren MS4  
 Receiving Waters:  
 Harrington Drain  
 VDWE-03.CB.DP  
 42.464602  
 -83.007600

Dicharge Point to the City Of Warren MS4  
 Receiving Waters:  
 Harrington Drain  
 VDWE-13.MH.DP  
 42.464435  
 -83.008874

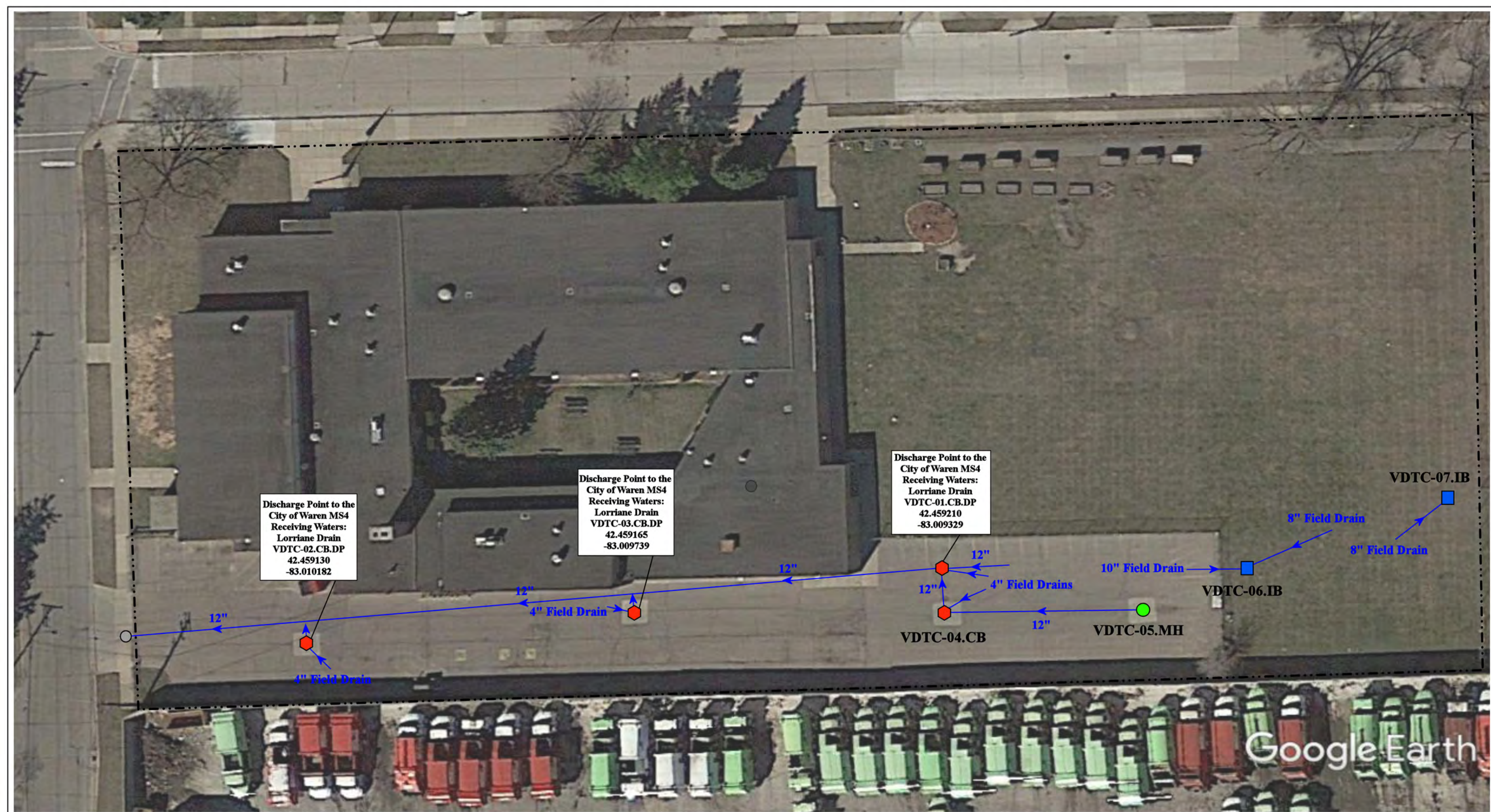
Dicharge Point to the City Of Warren MS4  
 Receiving Waters:  
 Harrington Drain  
 VDWE-01.CB.DP  
 42.464004  
 -83.009711

|                                                                                       |                 |              |
|---------------------------------------------------------------------------------------|-----------------|--------------|
| 11387 E. Nine Mile Rd./ 11400 Continental Ave., Warren, MI 48089                      |                 |              |
| Service Building/ Washington Elementary School COMPLEX                                | Revision Date : | 06/15/2022   |
| Van Dyke Public Schools                                                               | Drawn by:       | WM           |
|  | Reviewed:       | LEK          |
|                                                                                       | Page #:         | 1 of 1       |
|                                                                                       | Scale:          | Not to Scale |

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Gravel Lot
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



Google Earth



- · - · = Property Lines

○ = Offsite MS4

⬡ = Catch Basin

● = Manhole

■ = Infiltration Basin

North



11370 Hupp Avenue, Warren, MI 48089

Thompson Elementary School  
and Community Center

Van Dyke Community Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

Revision Date : 01/13/2022

Drawn by: CJ

Reviewed: EG

Page #: 1 of 1

Scale: Not to Scale



Discharge Point to  
the City of Warren  
MS4  
Receiving waters:  
Harrington Drain  
VDJV-01.MH.DP  
42.450937  
-83.009904

Google Earth

11375 Jackson Road, Warren, MI 48089

- = Property Lines
- = Manhole
- = Offsite MS4

● = Sanitary



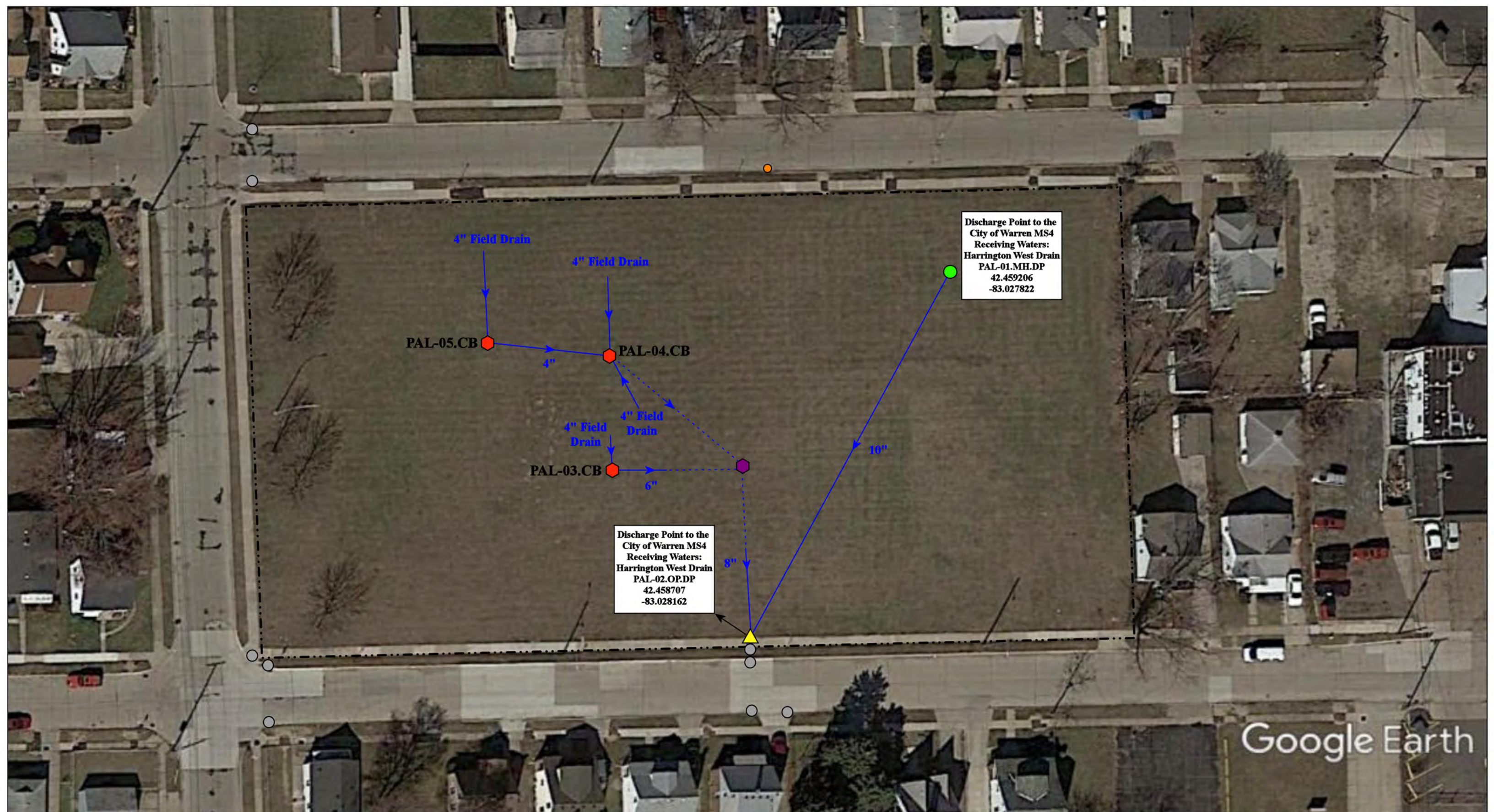
# Jackson Road Vacant Lot

Van Dyke Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 5/4/2021     |
| Drawn by:       | WM           |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Harrington West Drain  
PAL-01.MH.DP  
42.459206  
-83.027822

Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Harrington West Drain  
PAL-02.OP.DP  
42.458707  
-83.028162

- ◆ = Catch Basin
- = Manhole
- ◆ = Assumed Buired Basin
- = Sanitary
- ..... = Property Lines
- = City of Warren MS4
- ..... = Assumed Connection



22230 Peters Avenue, Warren, MI 48089

## Peters Ave Vacant Lot

Van Dyke Public Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 4/23/2021    |
| Drawn by:       | MRW          |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

## Receiving Waters Table

| Warren Consolidated Schools                                   |                           |                                      |            |                              |                      |               |
|---------------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|----------------------|---------------|
| FACILITY                                                      | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS     | WATERSHED     |
| Administration Building                                       | WCAD-01.CB.DP             | 42.523348                            | -83.015233 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
| Agnus Elementary School                                       | WCAE-01.MH.DP             | 42.540417                            | -83.074265 | City of Warren MS4           | Rickabus Drain       | Clinton River |
|                                                               | WCAE-11.CB.DP             | 42.542445                            | -83.074018 | City of Warren MS4           | Rickabus Drain       | Clinton River |
|                                                               | WCAE-13.CB.DP             | 42.540723                            | -83.075579 | City of Warren MS4           | Rickabus Drain       | Clinton River |
|                                                               | WCAE-15.CB.DP             | 42.540152                            | -83.075638 | City of Warren MS4           | Rickabus Drain       | Clinton River |
| Agnes E. Beer Middle School                                   | WCAB-01.CB.DP             | 42.495269                            | -83.073744 | City of Warren MS4           | Grobber Relief Drain | Clinton River |
| Black Elementary School                                       | WCBE-01.MH.DP             | 42.543782                            | -82.984166 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
| Carter Middle School and Wilkerson Elementary School Complex  | WWCA-01.MH.DP             | 42.528781                            | -83.003237 | City of Warren MS4           | Clinton River        | Clinton River |
| Carleton Middle School and Fillmore Elementary School Complex | CAF-14.CB.DP              | 42.549897                            | -83.022071 | City of Sterling Heights MS4 | Plum Brook           | Clinton River |
|                                                               | CAF-24.CB.DP              | 42.548925                            | -83.019837 | City of Sterling Heights MS4 | Plum Brook           | Clinton River |
|                                                               | CAF-37.CB.DP              | 42.546073                            | -83.022202 | City of Sterling Heights MS4 | Plum Brook           | Clinton River |
|                                                               | CAF-42.CB.DP              | 42.546667                            | -83.019833 | City of Sterling Heights MS4 | Plum Brook           | Clinton River |
|                                                               | CAF-44.CB.DP              | 42.546195                            | -83.019704 | City of Sterling Heights MS4 | Plum Brook           | Clinton River |
| Career Prep Center                                            | WCCP-01.CB.DP             | 42.549779                            | -83.002259 | City of Sterling Heights MS4 | Red Run Drain        | Clinton River |
|                                                               | WCCP-08.CB.DP             | 42.550092                            | -83.003330 | City of Sterling Heights MS4 | Plum Brook           | Clinton River |
| Cromie Elementary School                                      | WCCE-01.CB.DP             | 42.514016                            | -83.012787 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
|                                                               | WCCE-02.CB.DP             | 42.513131                            | -83.012888 | City of Warren MS4           | McCoy Drain          | Clinton River |
|                                                               | WCCE-03.CB.DP             | 42.512817                            | -83.013448 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
|                                                               | WCCE-04.CB.DP             | 42.513920                            | -83.016050 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
| Community High School / Hatherly Educational Center           | WCHA-01.MH.DP             | 42.553148                            | -83.058108 | City of Sterling Heights MS4 | Big Beaver Creek     | Clinton River |
|                                                               | WCHA-04.MH.DP             | 42.551747                            | -83.055098 | City of Sterling Heights MS4 | Big Beaver Creek     | Clinton River |
| Cousino High School                                           | WCCH-04.SCC.DP            | 42.520337                            | -83.008443 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
|                                                               | WCCH-46.MH.DP             | 42.517241                            | -83.008318 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
|                                                               | WCCH-112.MH.DP            | 42.519435                            | -83.008599 | City of Warren MS4           | McCoy Drain-Red Run  | Clinton River |
| Green Acres Elementary School                                 | WCGA-01.CB.DP             | 42.523749                            | -83.060196 | City of Warren MS4           | Red Run Drain        | Clinton River |
|                                                               | WCGA-02.CB.DP             | 42.524605                            | -83.057705 | City of Warren MS4           | Red Run Drain        | Clinton River |
|                                                               | WCGA-04.MH.DP             | 42.524390                            | -83.057803 | City of Warren MS4           | Red Run Drain        | Clinton River |
| Grissom Middle School                                         | WCGM-01.MH.DP             | 42.554483                            | -83.069799 | City of Sterling Heights MS4 | Big Beaver Creek     | Clinton River |
|                                                               | WCGM-15.MH.DP             | 42.556047                            | -83.070309 | City of Sterling Heights MS4 | Big Beaver Creek     | Clinton River |

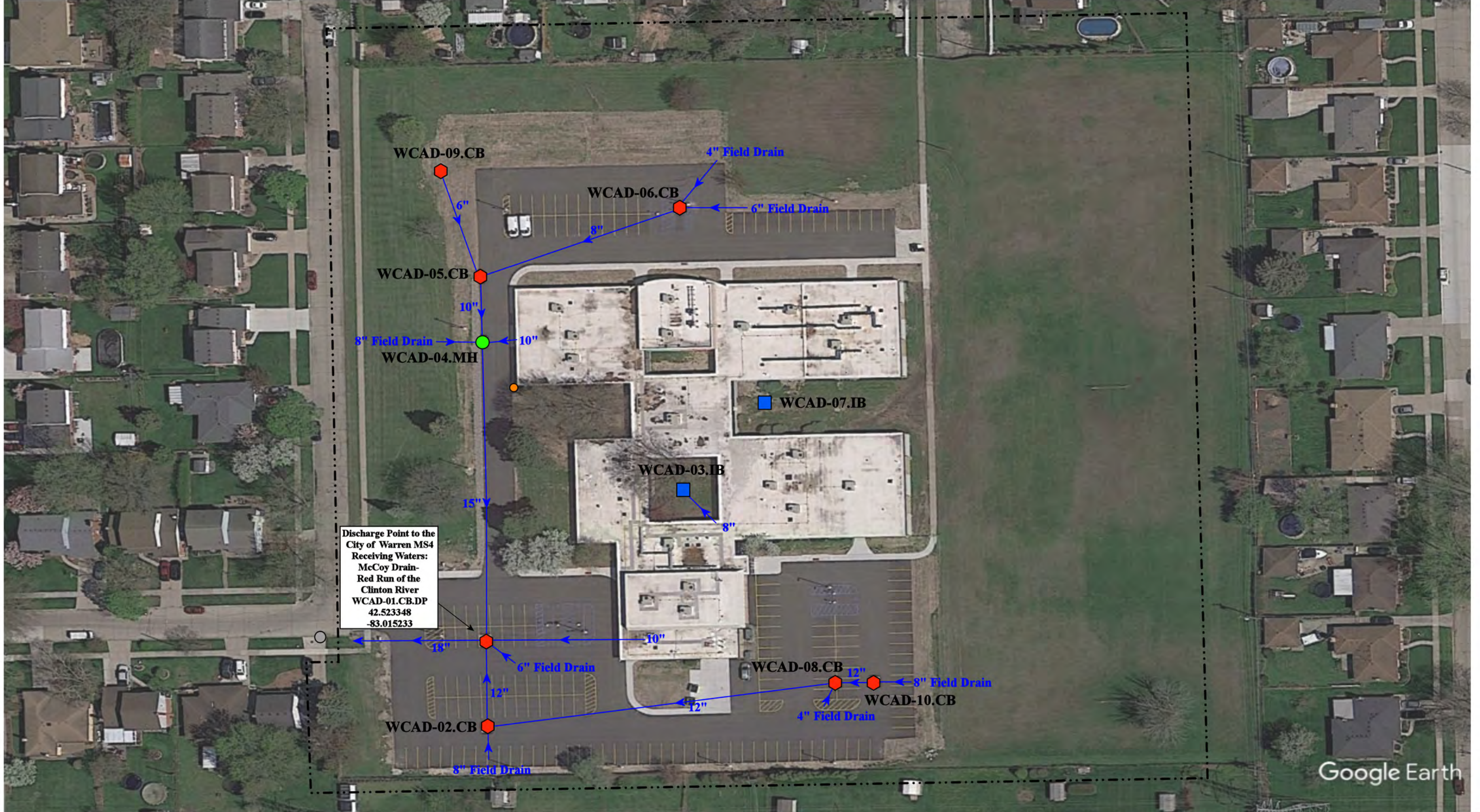
## Receiving Waters Table

| Warren Consolidated Schools                              |                           |                                      |            |                              |                                                     |               |
|----------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|-----------------------------------------------------|---------------|
| FACILITY                                                 | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS                                    | WATERSHED     |
| Harwood Elementary School                                | WCHE-01.CB.DP             | 42.539973                            | -83.059367 | City of Warren MS4           | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHE-12.CB.DP             | 42.540694                            | -83.059436 | City of Warren MS4           | Big Beaver Creek                                    | Clinton River |
| Holden Elementary School                                 | WCHO-01.CB.DP             | 42.568493                            | -83.081656 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHO-08.CB.DP             | 42.569008                            | -83.082187 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHO-09.CB.DP             | 42.567942                            | -83.084459 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHO-10.SCC.DP            | 42.567825                            | -83.083361 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHO-16.MH.DP             | 42.568031                            | -83.083154 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHO-17.CB.DP             | 42.568049                            | -83.083098 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
|                                                          | WCHO-18.DR.DP             | 42.567818                            | -83.082950 | City of Sterling Heights MS4 | Big Beaver Creek                                    | Clinton River |
| Jefferson Elementary School                              | WCJE-05.MH.DP             | 42.568635                            | -83.065341 | City of Sterling Heights MS4 | Clinton River                                       | Clinton River |
|                                                          | WCJE-12.CB.DP             | 42.570560                            | -83.066349 | City of Sterling Heights MS4 | Clinton River                                       | Clinton River |
| Maintenance and Transportation Center                    | WCMT-01.CB.DP             | 42.528238                            | -83.042322 | City of Warren MS4           | Meckler Drain-Red Run<br>Drain of the Clinton River | Clinton River |
| Macomb Mathematics Science Technology Center             | WCMM-01.CB.DP             | 42.495640                            | -83.059535 | MCDR                         | McCoy Drain-Red Run                                 | Clinton River |
|                                                          | WCMM-05.CB.DP             | 42.496074                            | -83.059841 | MCDR                         | McCoy Drain-Red Run                                 | Clinton River |
| Pearl Lean Elementary School                             | WCPL-01.MH.DP             | 42.516913                            | -83.075212 | City of Sterling Heights MS4 | McCoy Drain-Red Run                                 | Clinton River |
|                                                          | WCPL-16.CB.DP             | 42.517831                            | -83.074854 | City of Sterling Heights MS4 | McCoy Drain-Red Run                                 | Clinton River |
| Pfromm Educational Center                                | PEC-01.MH.DP              | 42.504347                            | -83.013744 | City of Warren MS4           | McCoy Drain-Red Run                                 | Clinton River |
| Siersma Elementary School                                | WCSE-01.MH.DP             | 42.486533                            | -83.074263 | City of Warren MS4           | McCoy Drain-Red Run                                 | Clinton River |
| Sterling Heights High School / School of Performing Arts | WCSH-03.CB.DP             | 42.552337                            | -82.997834 | City of Sterling Heights MS4 | Plum Brook                                          | Clinton River |
|                                                          | WCSH-75.MH.DP             | 42.559353                            | -82.997433 | City of Sterling Heights MS4 | Plum Brook                                          | Clinton River |
| Susick Elementary School                                 | WSCU-02.CB.DP             | 42.555796                            | -83.094734 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
|                                                          | WSCU-04.CB.DP             | 42.555111                            | -83.094953 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
|                                                          | WSCU-06.MH.DP             | 42.556096                            | -83.095014 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
|                                                          | WSCU-13.CB.DP             | 42.555012                            | -83.092069 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
|                                                          | WSCU-14.CB.DP             | 42.555265                            | -83.091983 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
|                                                          | WSCU-15.MH.DP             | 42.556613                            | -83.091719 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
|                                                          | WSCU-16.MH.DP             | 42.556547                            | -83.092916 | City of Troy MS4             | Big Beaver Creek                                    | Clinton River |
| Warren Mott High School                                  | WCWM-01.MH.DP             | 42.512613                            | -83.075597 | City of Warren MS4           | McCoy Drain-Red Run                                 | Clinton River |
|                                                          | WCWM-02.MH.DP             | 42.512613                            | -83.075597 | City of Warren MS4           | McCoy Drain-Red Run                                 | Clinton River |



## Receiving Waters Table

| Warren Consolidated Schools    |                              |                                         |            |                                 |                                 |               |
|--------------------------------|------------------------------|-----------------------------------------|------------|---------------------------------|---------------------------------|---------------|
| FACILITY                       | OUTFALL /<br>DISCHARGE POINT | GPS COORDINATES<br>(Latitude/Longitude) |            | POINT OF DISCHARGE /<br>OUTFALL | RECEIVING WATERS                | WATERSHED     |
| <b>Wilde Elementary School</b> | WCWI-01.OP.DP                | 42.533627                               | -82.979159 | City of Warren MS4              | Masonic Arm of Schoenherr Drain | Clinton River |
|                                | WCWI-02.CB.DP                | 42.533249                               | -82.979288 | City of Warren MS4              | Masonic Arm of Schoenherr Drain | Clinton River |
|                                | WCWI-03.OP.DP                | 42.532752                               | -82.979134 | City of Warren MS4              | Masonic Arm of Schoenherr Drain | Clinton River |
|                                | WCWI-04.CB.DP                | 42.533107                               | -82.980579 | City of Warren MS4              | Masonic Arm of Schoenherr Drain | Clinton River |
|                                | WCWI-05.CB.DP                | 42.534462                               | -82.980396 | City of Warren MS4              | Masonic Arm of Schoenherr Drain | Clinton River |
| <b>Willow Woods Elementary</b> | WCWW-01.CB.DP                | 42.555740                               | -83.019080 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |
|                                | WCWW-02.CB.DP                | 42.556371                               | -83.018531 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |
|                                | WCWW-03.CB.DP                | 42.556854                               | -83.018531 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |
|                                | WCWW-04.CB.DP                | 42.557922                               | -83.019297 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |
|                                | WCWW-05.MH.DP                | 42.557931                               | -83.019837 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |
|                                | WCWW-06.MH.DP                | 42.556588                               | -83.020574 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |
|                                | WCWW-07.CB.DP                | 42.555943                               | -83.018467 | City of Sterling Heights MS4    | Plum Brook                      | Clinton River |



Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
McCoy Drain-  
Red Run of the  
Clinton River  
WCAD-01.CB.DP  
42.523348  
-83.015233

31300 Anita Dr, Warren, MI 48093

# Administration Building

Warren Consolidated Schools

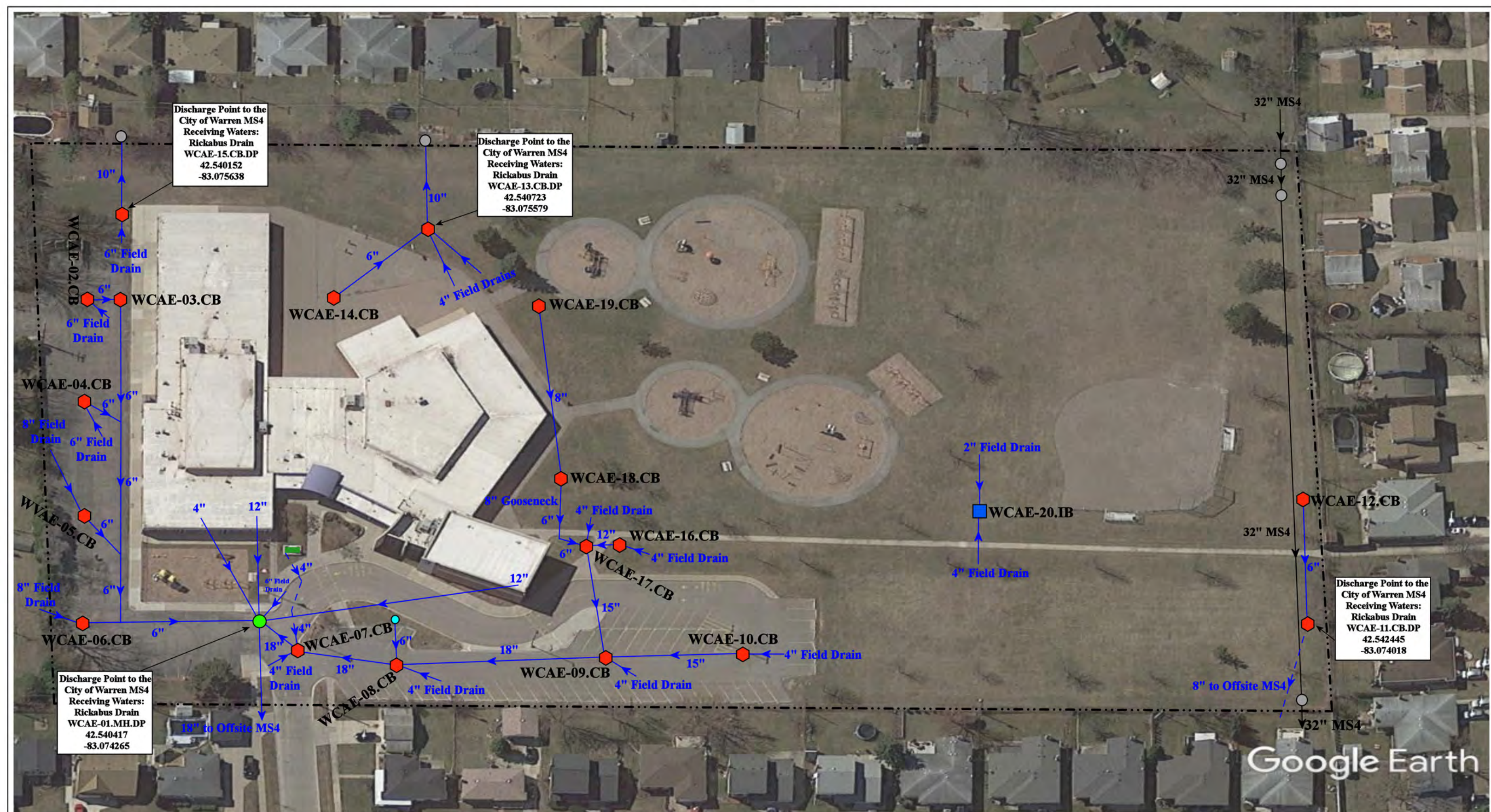


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 12/22/2022   |
| Drawn by:      | MRW          |
| Reviewed:      | BK           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Discharge Point to the City of Warren MS4  
Receiving Waters:  
Rickabus Drain  
WCAE-15.CB.DP  
42.540152  
-83.075638

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Rickabus Drain  
WCAE-13.CB.DP  
42.540723  
-83.075579

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Rickabus Drain  
WCAE-11.CB.DP  
42.542445  
-83.074018

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Rickabus Drain  
WCAE-01.MH.DP  
42.540417  
-83.074265

3180 Hein Dr, Sterling Heights, Michigan 48310

# Angus Elementary School

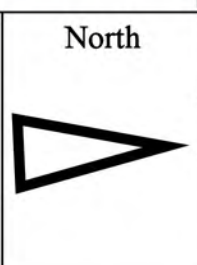
Warren Consolidated Schools



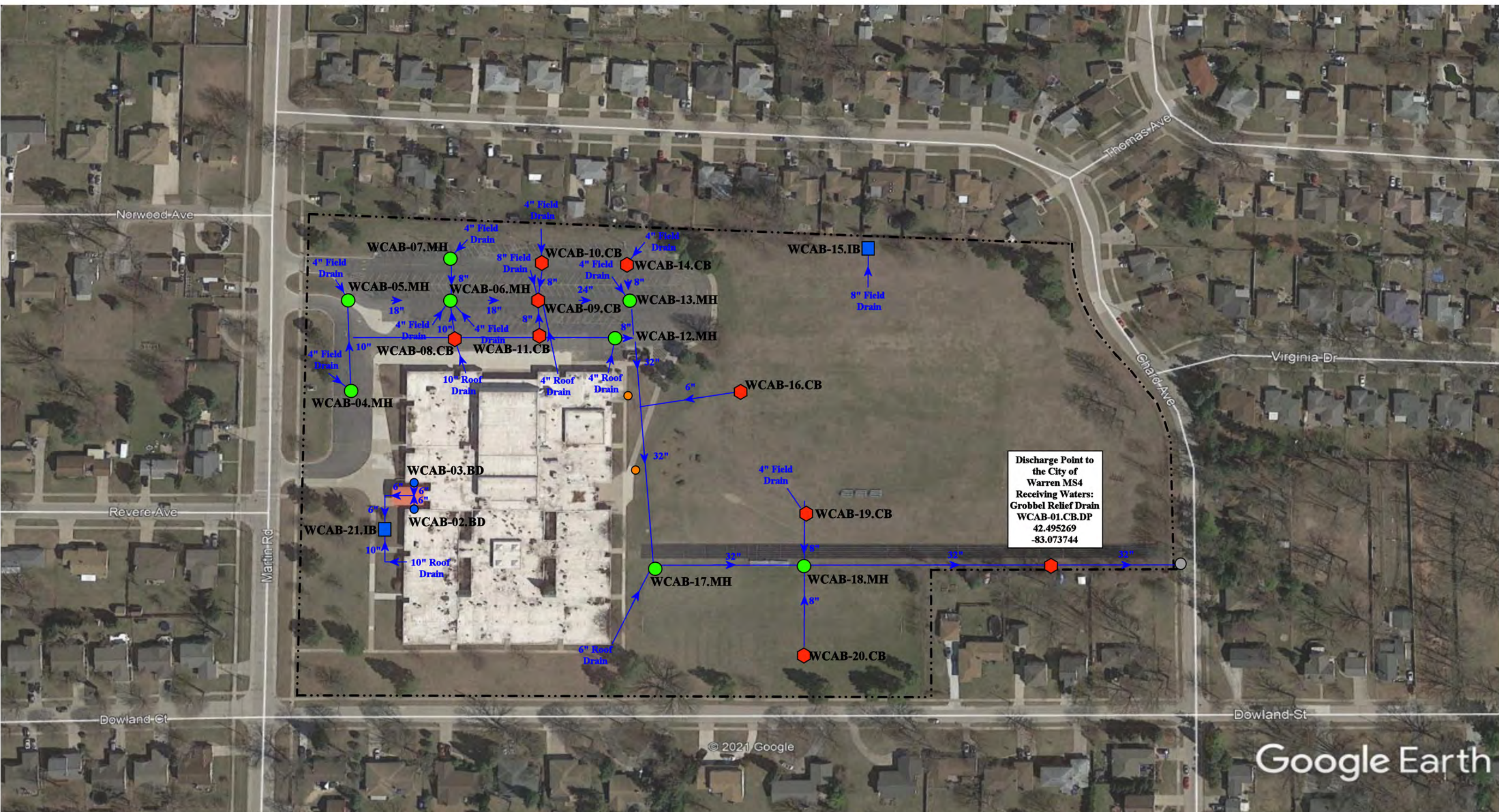
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 04/15/2022   |
| Drawn by:       | KD           |
| Reviewed:       | LK           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Clean Out
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

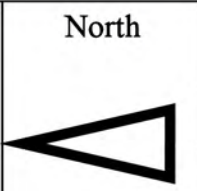


Google Earth

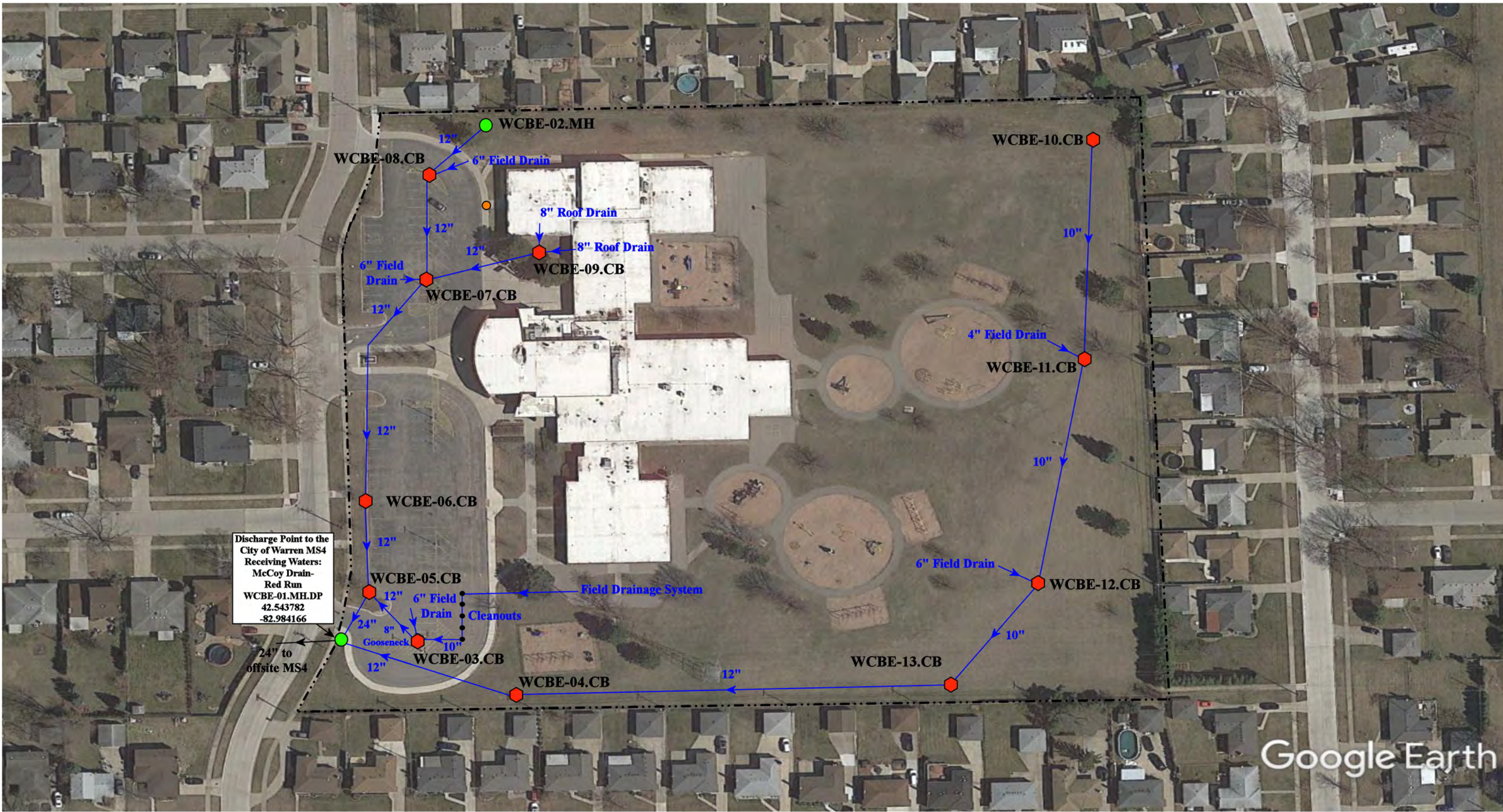


Discharge Point to  
the City of  
Warren MS4  
Receiving Waters:  
Grobbel Relief Drain  
WCAB-01.CB.DP  
42.495269  
-83.073744

- = Property Lines
- = Infiltration Basin
- = Sanitary
- ⬠ = Catch Basin
- = Basin Drain
- = Manhole
- = City of Warren MS4



|                                                                                                                     |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
| 3200 Martin Rd, Warren, MI 48092                                                                                    |  | Revision Date : | 09/29/2021   |
| <b>Agnes E. Beer Middle School</b>                                                                                  |  | Drawn by:       | VTV          |
| Warren Consolidated Schools                                                                                         |  | Reviewed:       | LEK          |
|                                                                                                                     |  | Page #:         | 1 of 1       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:          | Not to Scale |



Google Earth

14100 Heritage Road, Sterling Heights, MI 48312

- = Catch Basin
- = Manhole
- = Sanitary
- ..... = Property Lines



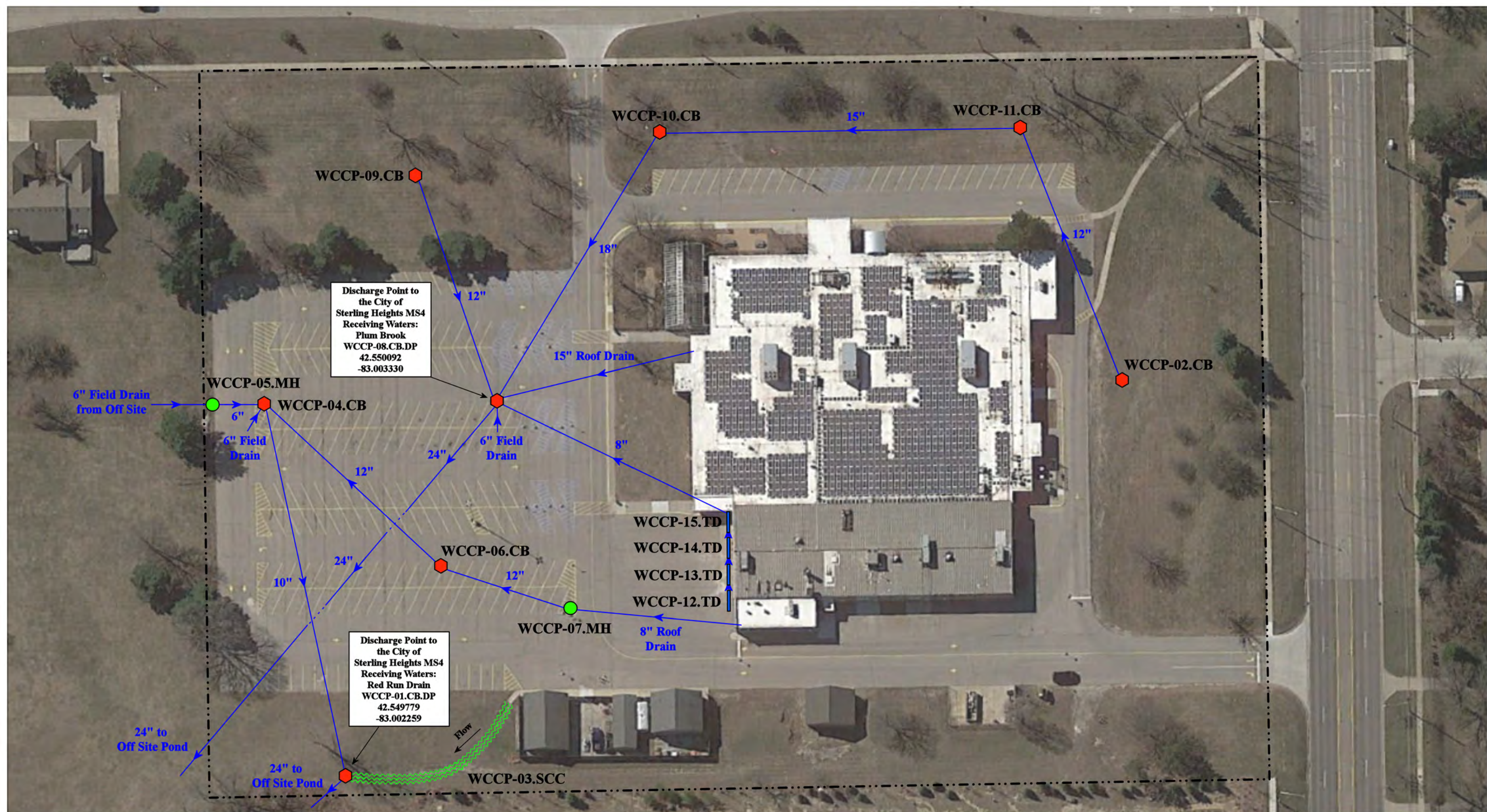
## Black Elementary School

Warren Consolidated Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|           |              |
|-----------|--------------|
| Date:     | 03/29/22     |
| Drawn by: | CJ           |
| Reviewed: | MW           |
| Page #:   | 1 of 1       |
| Scale:    | Not to Scale |



Discharge Point to  
the City of  
Sterling Heights MS4  
Receiving Waters:  
Plum Brook  
WCCP-08.CB.DP  
42.550092  
-83.003330

Discharge Point to  
the City of  
Sterling Heights MS4  
Receiving Waters:  
Red Run Drain  
WCCP-01.CB.DP  
42.549779  
-83.002259

--- = Property Lines

⬡ = Catch Basin

● = Manhole

— = Trench Drain

~ = Stormwater Conveyance Channel

North



12200 15 Mile Rd, Sterling Heights, MI 48312

**Career Prep Center**

Warren Consolidated Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 06/29/2021   |
| Drawn by:       | VTV          |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

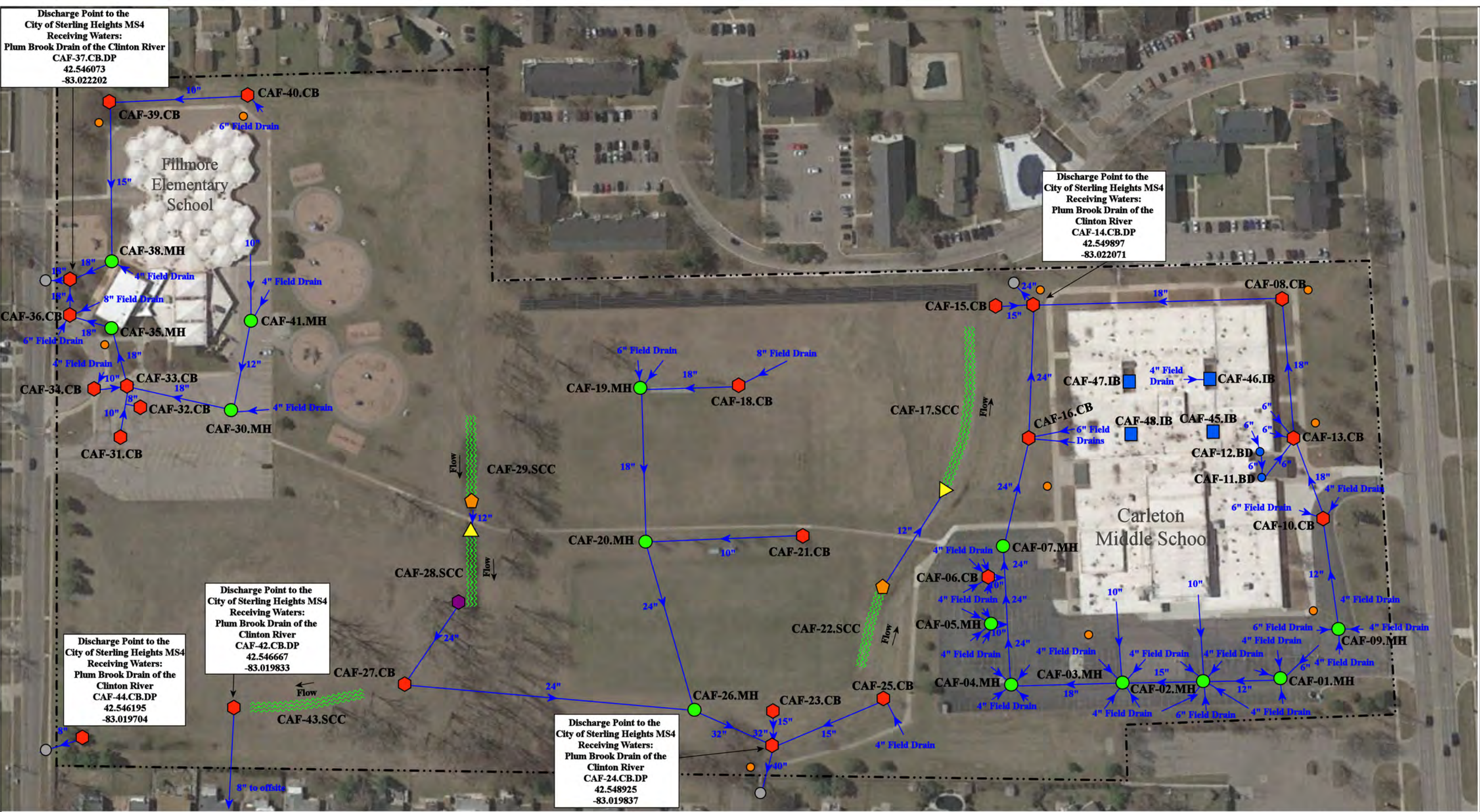
Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 CAF-37.CB.DP  
 42.546073  
 -83.022202

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 CAF-14.CB.DP  
 42.549897  
 -83.022071

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 CAF-42.CB.DP  
 42.546667  
 -83.019833

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 CAF-44.CB.DP  
 42.546195  
 -83.019704

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 CAF-24.CB.DP  
 42.548925  
 -83.019837

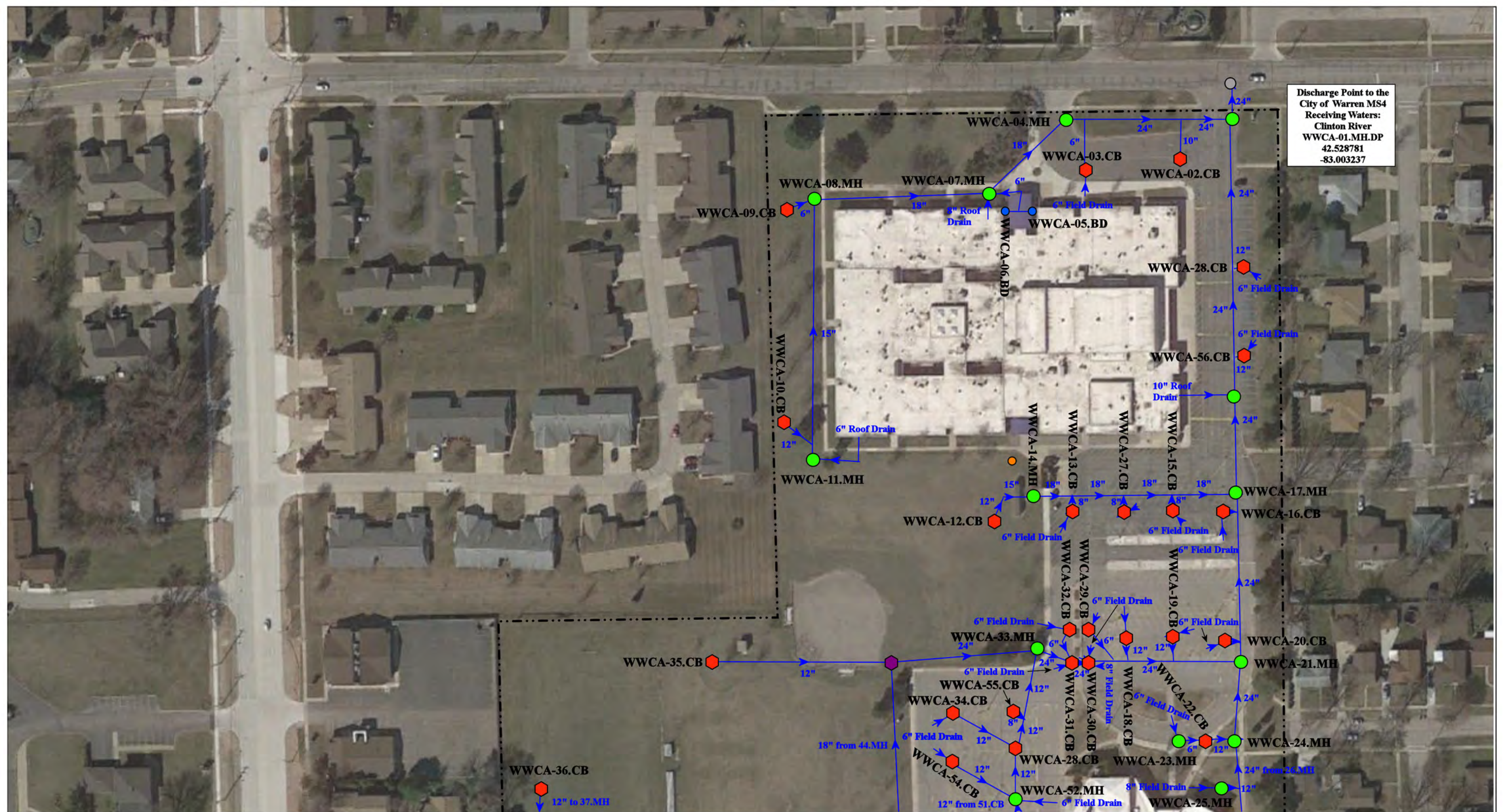


- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System

8900 15 Mile Rd./8655 Irving Rd., Sterling Heights, MI 48312

|  |                                                                                                                     |  |                |              |
|--|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
|  | Carleton Middle School/<br>Fillmore Elementary School Complex                                                       |  | Revision Date: | 10/4/2022    |
|  | Warren Consolidated Schools                                                                                         |  | Drawn by:      | JLP          |
|  |                                                                                                                     |  | Reviewed:      | BK           |
|  | <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:        | 1 of 1       |
|  |                                                                                                                     |  | Scale:         | Not to Scale |

Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Clinton River  
WWCA-01.MH.DP  
42.528781  
-83.003237



Carter Middle School: 12000 Masonic, Warren, MI 48093

Wilkerson Elementary School: 12100 Masonic, Warren, MI 48093

- = Property Lines
- ⬡ = Catch Basin
- = Manhole
- ⬢ = Possible Buried Basin
- = Basin Drain
- = City Of Warren MS4



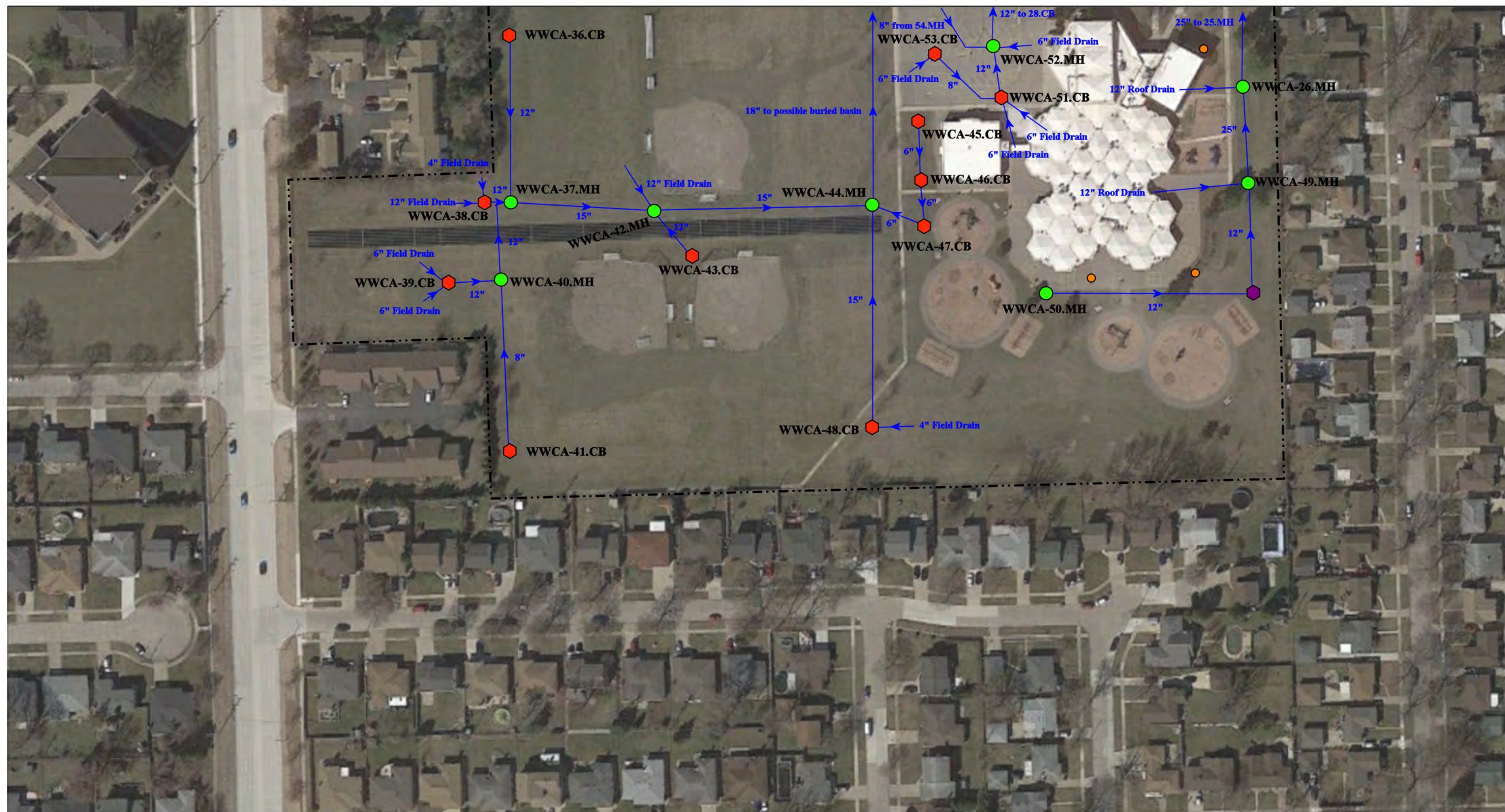
Carter Middle School-Wilkerson  
Elementary School Complex  
Warren Consolidated Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 11/15/21     |
| Drawn by:       | JLP          |
| Reviewed:       | LK           |
| Page #:         | 1 of 2       |
| Scale:          | Not to Scale |






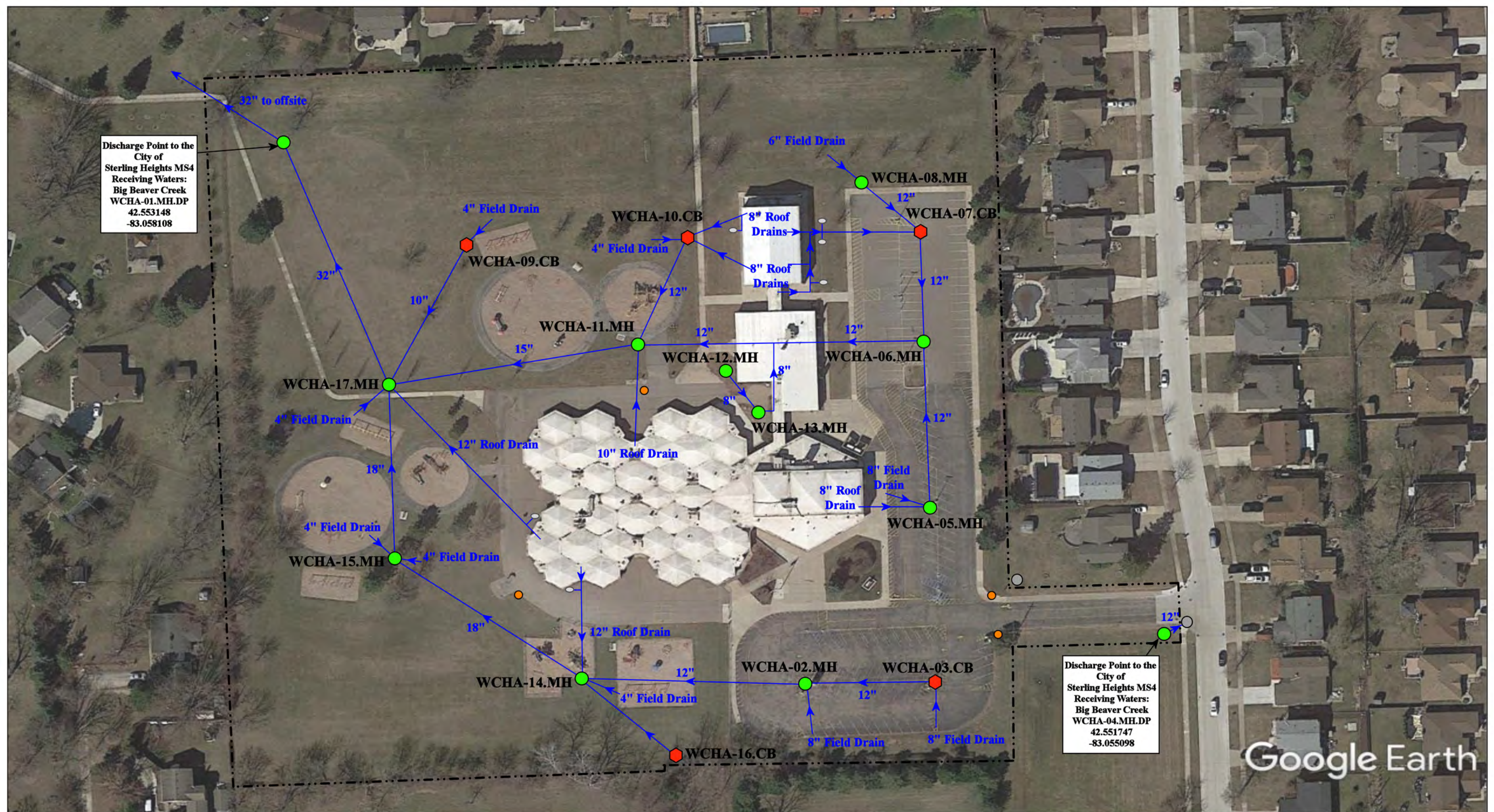
Carter Middle School: 12000 Masonic, Warren, MI 48093

Wilkerson Elementary School: 12100 Masonic, Warren, MI 48093

- = Property Lines
- ◆ = Possible Buried Basin
- ◆ = Catch Basin
- = Manhole



|                                                                                                                                                                                     |                |          |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|--------------|
| Carter Middle School-Wilkerson<br>Elementary School Complex<br>Warren Consolidated Schools<br> | Revision Date: | 11/15/21 |              |
|                                                                                                                                                                                     | Drawn by:      | JLP      |              |
|                                                                                                                                                                                     | Reviewed:      | LK       |              |
|                                                                                                                                                                                     | Page #:        | 2 of 2   |              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305                                                                                   |                | Scale:   | Not to Scale |



Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters: Big Beaver Creek  
 WCHA-01.MH.DP  
 42.553148  
 -83.058108

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters: Big Beaver Creek  
 WCHA-04.MH.DP  
 42.551747  
 -83.055098

Google Earth

35201 Davison St, Sterling Heights, MI 48310

- ◆ = Catch Basin
- = Manhole
- = City of Warren MS4
- = Cleanout
- = Sanitary
- - - - = Property Lines



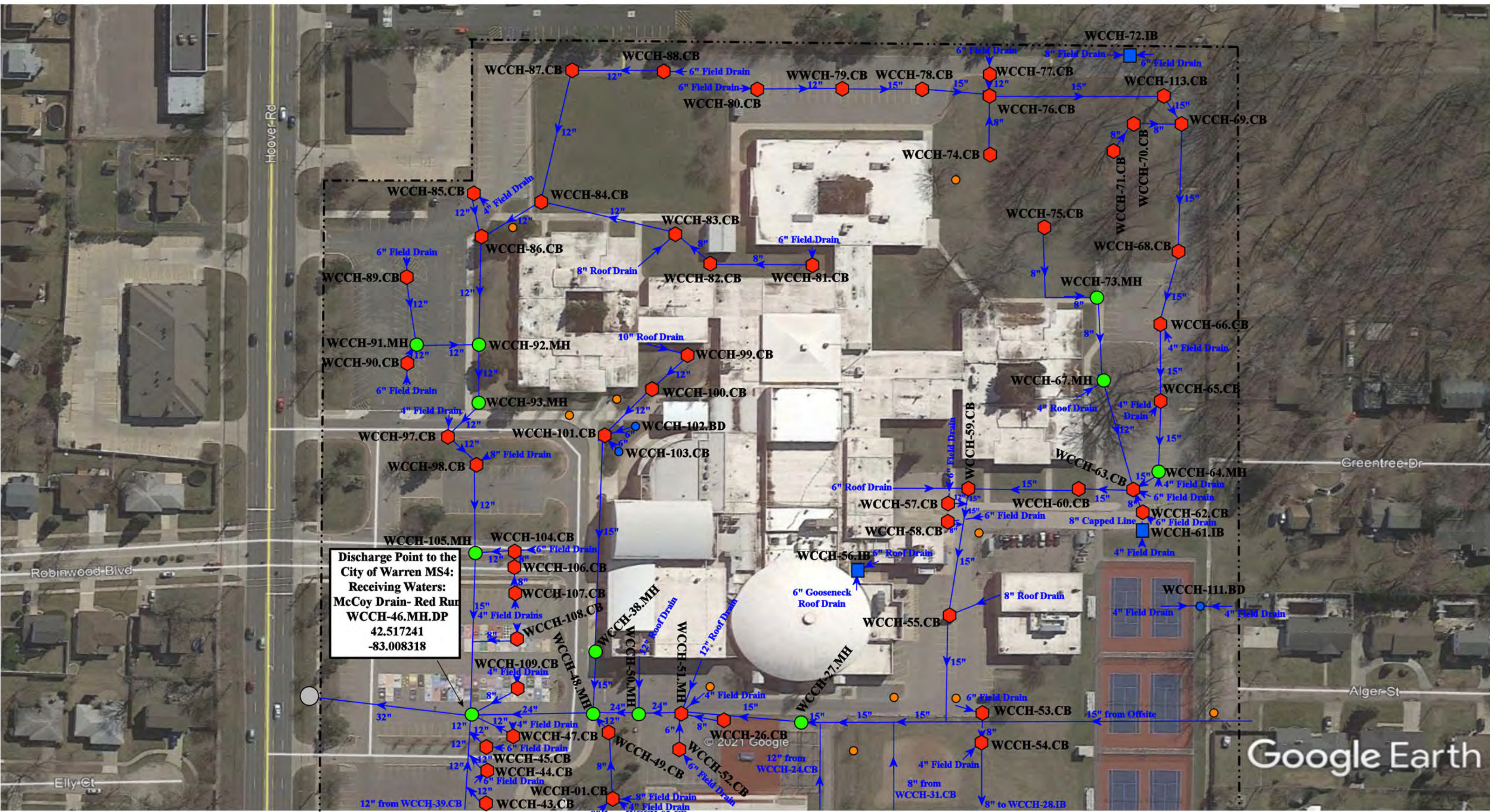
Community High School / Hatherly Educational Center

Warren Consolidated Schools

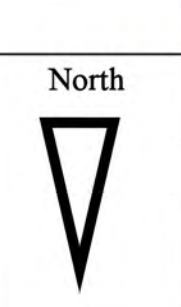


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 06/04/2021   |
| Drawn by:       | MRW          |
| Reviewed:       | EG           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

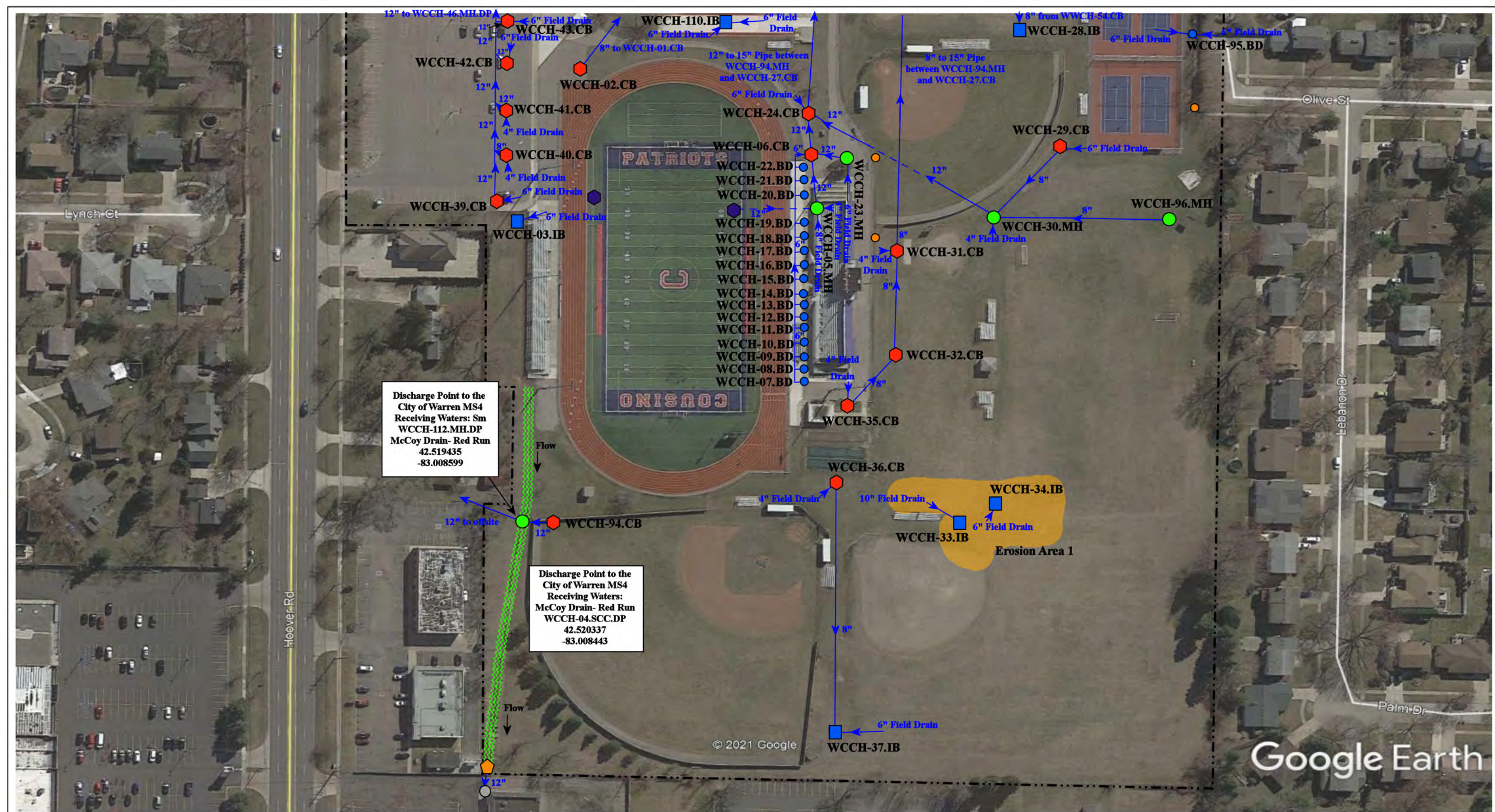


● = Catch Basin      ● = MS4  
● = Manhole      - - - - - = Property Line  
■ = Infiltration Basin      ● = Sanitary  
● = Basin Drain



|                                                                                       |              |
|---------------------------------------------------------------------------------------|--------------|
| 30333 Hoover Rd, Warren, MI 48093                                                     |              |
| <b>Cousino High School</b>                                                            |              |
| Warren Consolidated Schools                                                           |              |
|  |              |
| Revision Date :                                                                       | 12/15/21     |
| Drawn by:                                                                             | EDG          |
| Reviewed:                                                                             | KD           |
| Page #:                                                                               | 1 of 2       |
| Scale:                                                                                | Not to Scale |

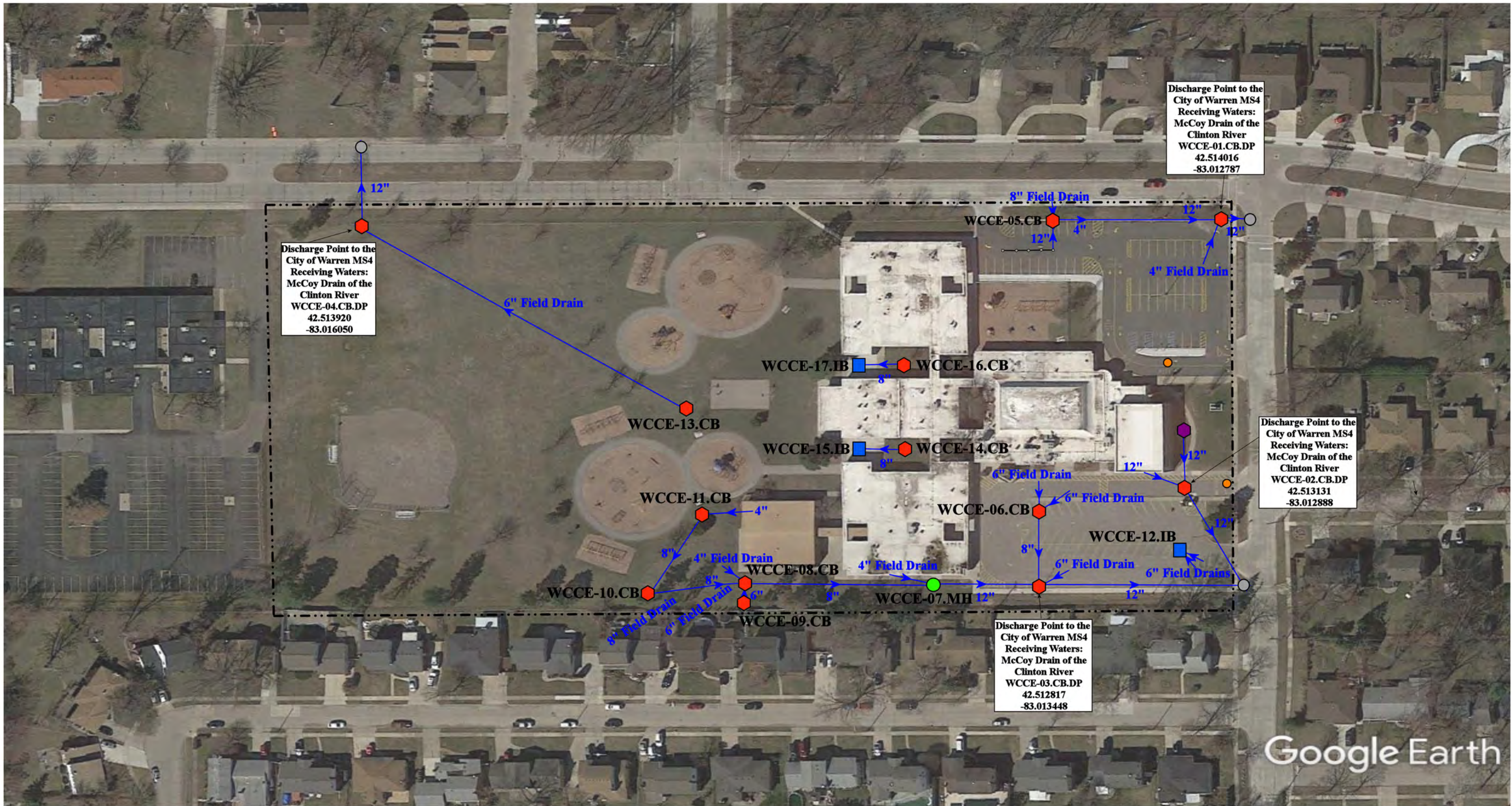
37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305



- ⬠ = Catch Basin
- = Manhole
- = Infiltration Basin
- = Basin Drain
- ⚡ = Stormwater Conveyance Channel
- ⋯⋯⋯ = Property Line
- = Sanitary
- ⬠ = Drainage Receptor
- = Offsite MS4
- = Erosion Area



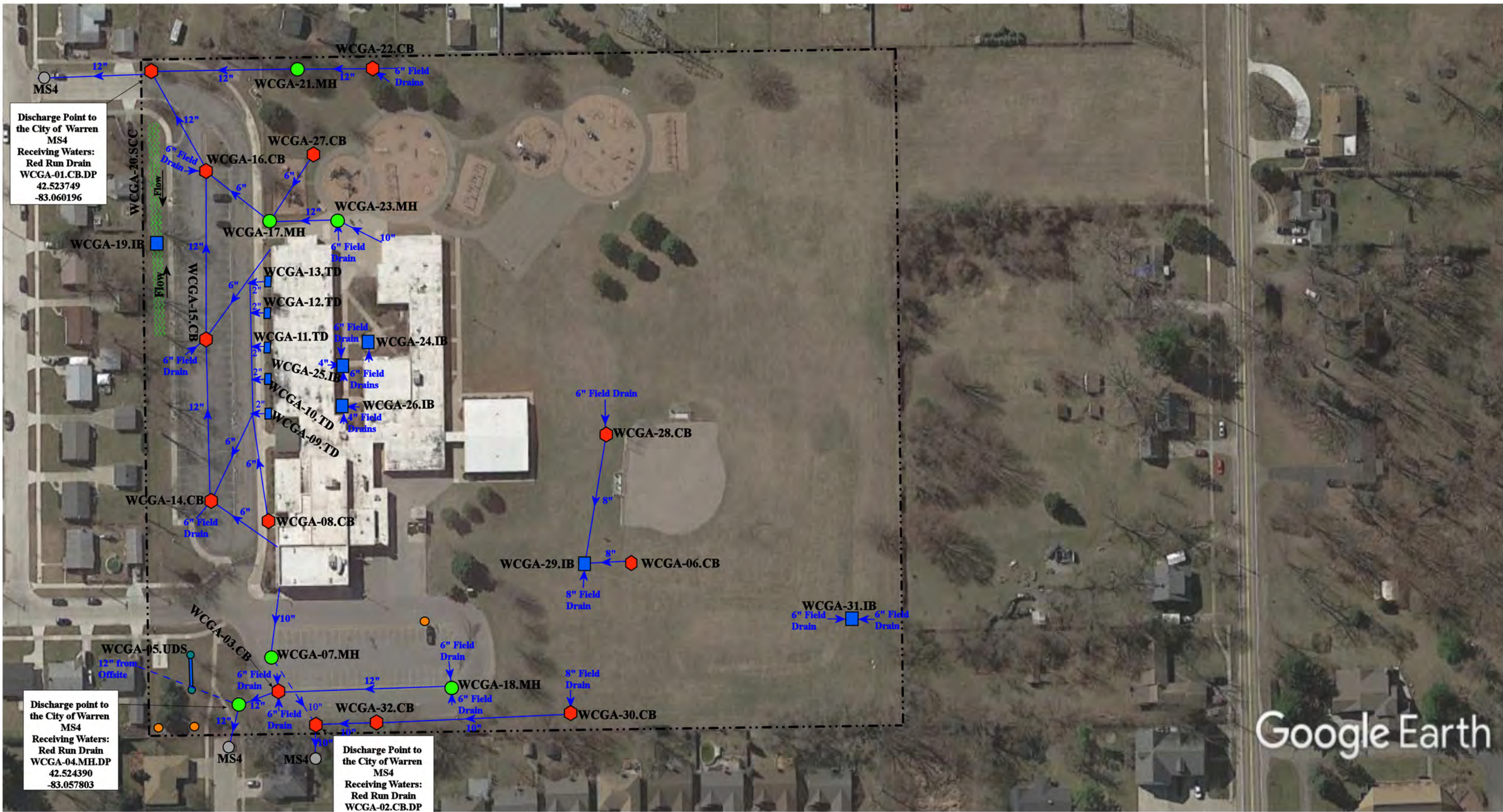
|                                                                                                   |  |         |                 |          |
|---------------------------------------------------------------------------------------------------|--|---------|-----------------|----------|
| 30333 Hoover Rd, Warren, MI 48093                                                                 |  |         | Revision Date : | 12/15/21 |
| <b>Cousino High School</b>                                                                        |  |         | Drawn by:       | EDG      |
| Warren Consolidated Schools                                                                       |  |         | Reviewed:       | KD       |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  | Page #: | 2 of 2          |          |
|                                                                                                   |  | Scale:  | Not to Scale    |          |



- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ▨ = Swale/Stormwater Conveyance Channel
- = Cleanout



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| 29797 Gilber Drive, Warren, Michigan 48093                                                                          |  | Revision Date: | 08/31/2022   |
| <b>Cromie Elementary School</b>                                                                                     |  | Drawn by:      | JLP          |
| Warren Consolidated Schools                                                                                         |  | Reviewed:      | LK           |
|                                                                                                                     |  | Page #:        | 1 of 1       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:         | Not to Scale |



Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 Red Run Drain  
 WCGA-01.CB.DP  
 42.523749  
 -83.060196

Discharge point to the City of Warren MS4  
 Receiving Waters:  
 Red Run Drain  
 WCGA-04.MH.DP  
 42.524390  
 -83.057803

Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 Red Run Drain  
 WCGA-02.CB.DP  
 42.524605  
 -83.057705

Google Earth

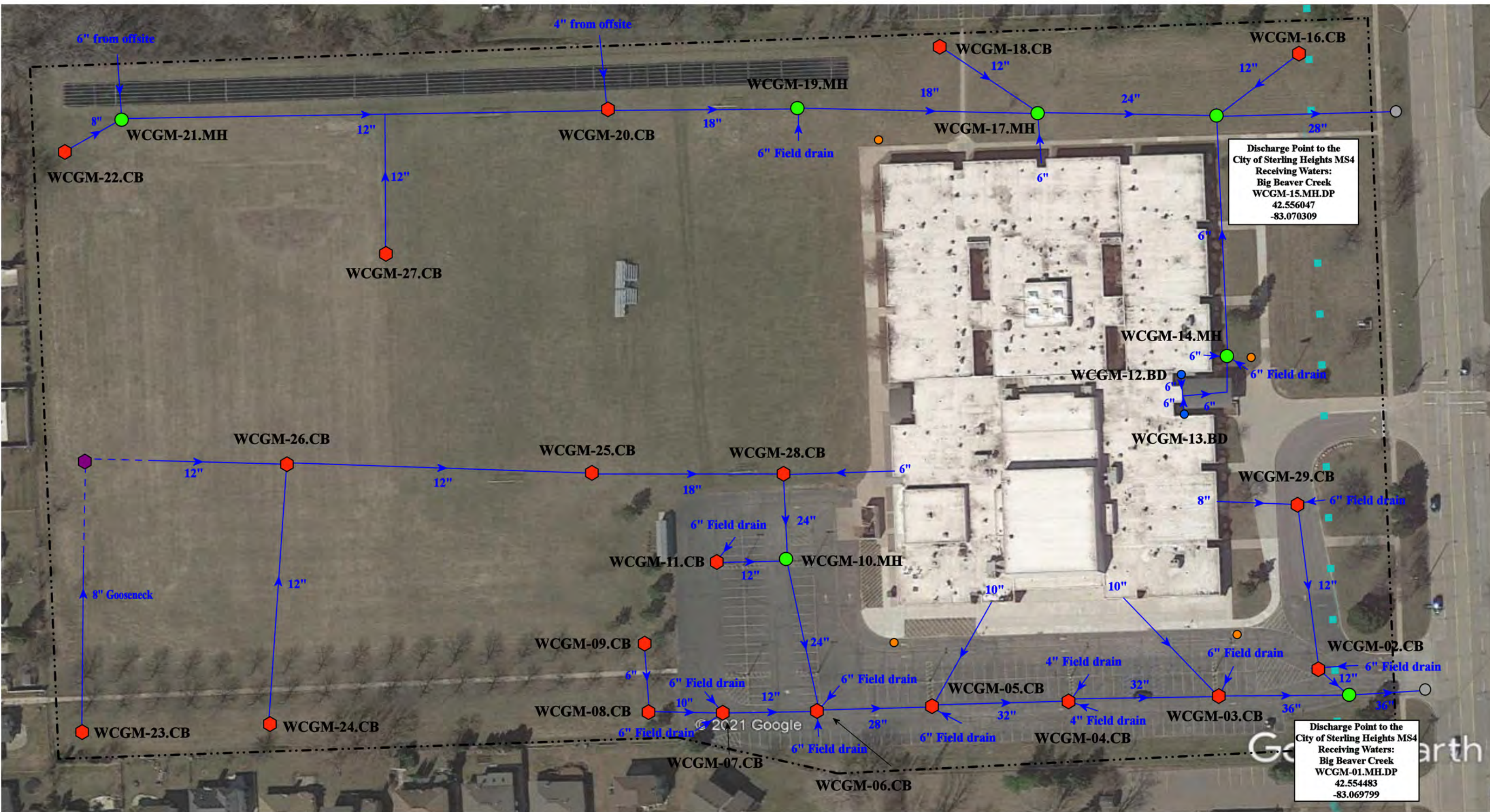
- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



4655 Holmes Drive, Warren, MI 48092

|                                      |                 |              |
|--------------------------------------|-----------------|--------------|
| <b>Green Acres Elementary School</b> | Revision Date : | 03/07/2023   |
|                                      | Drawn by:       | EMB          |
| Warren Consolidated School           | Reviewed:       | EG           |
|                                      | Page #:         | 1 of 1       |
|                                      | Scale:          | Not to Scale |

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305



Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Big Beaver Creek  
 WCGM-15.MH.DP  
 42.556047  
 -83.070309

Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Big Beaver Creek  
 WCGM-01.MH.DP  
 42.554483  
 -83.069799

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ▬ = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Stream
- = Property Lines



35701 Ryan Road, Sterling Heights, Michigan 48310

**Grissom Middle School**

Warren Consolidated Schools

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

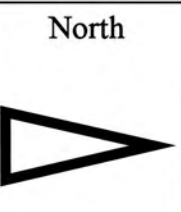
|                |              |
|----------------|--------------|
| Revision Date: | 06/07/2022   |
| Drawn by:      | JLP          |
| Reviewed:      | CD           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Discharge Point to the City of Warren MS4  
Receiving Waters:  
Big Beaver Creek of Lake Saint Clair  
WCHE-01.CB.DP  
42.539973  
-83.059367

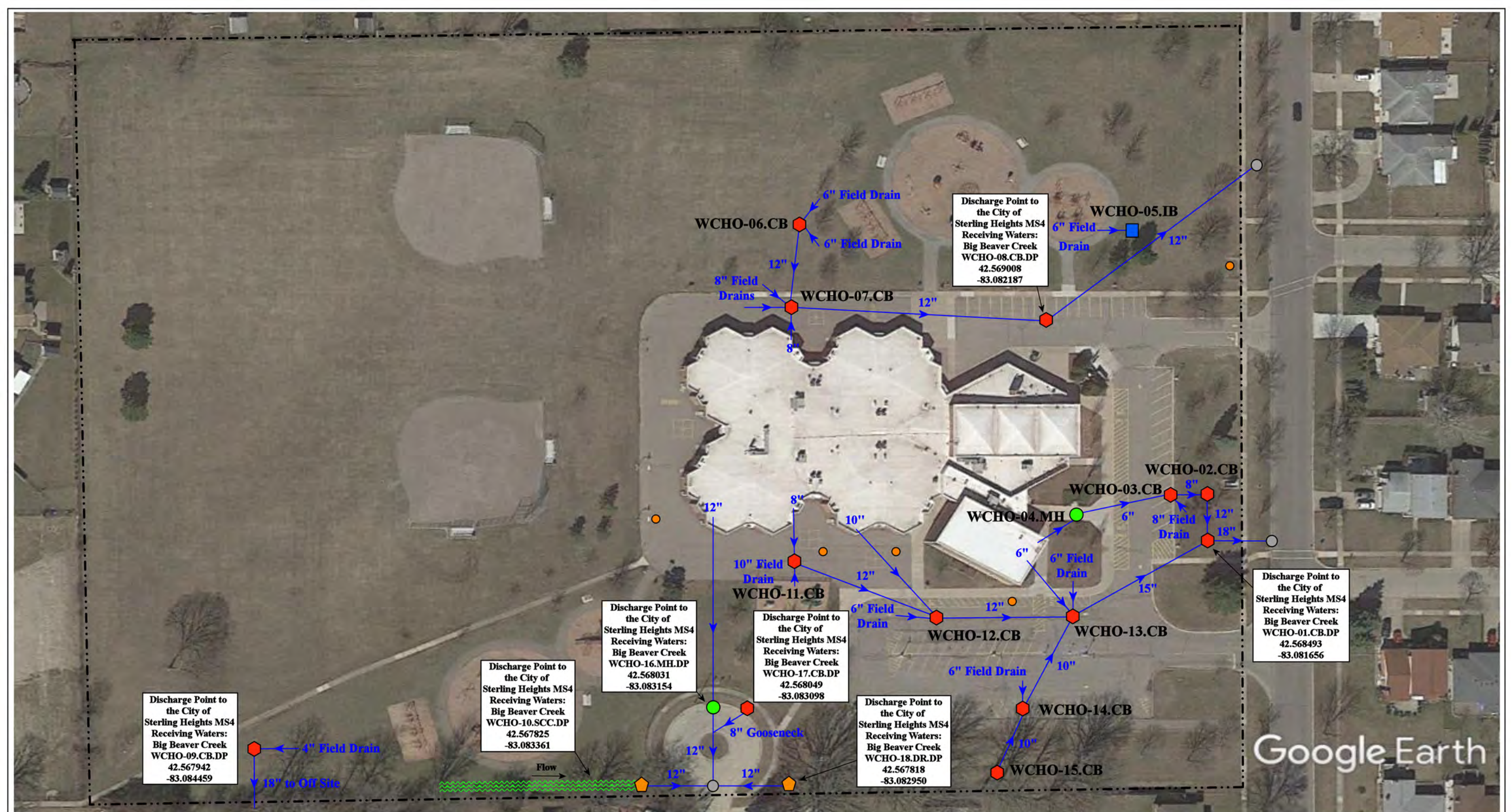
Discharge Point to the City of Warren MS4  
Receiving Waters:  
Big Beaver Creek of Lake Saint Clair  
WCHE-12.CB.DP  
42.540694  
-83.059436

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                   |                           |
|---------------------------------------------------------------------------------------------------|---------------------------|
| 4900 Southlawn Drive, Sterling Heights, Michigan 48310                                            |                           |
| <b>Harwood Elementary School</b>                                                                  | Revision Date: 08/12/2022 |
| Warren Consolidated Schools                                                                       | Drawn by: VV              |
|                                                                                                   | Reviewed: CJ              |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 | Page #: 1 of 1            |
|                                                                                                   | Scale: Not to Scale       |





37566 Calka Drive, Sterling Heights, Michigan 48310

# Holden Elementary School

Warren Consolidated Schools

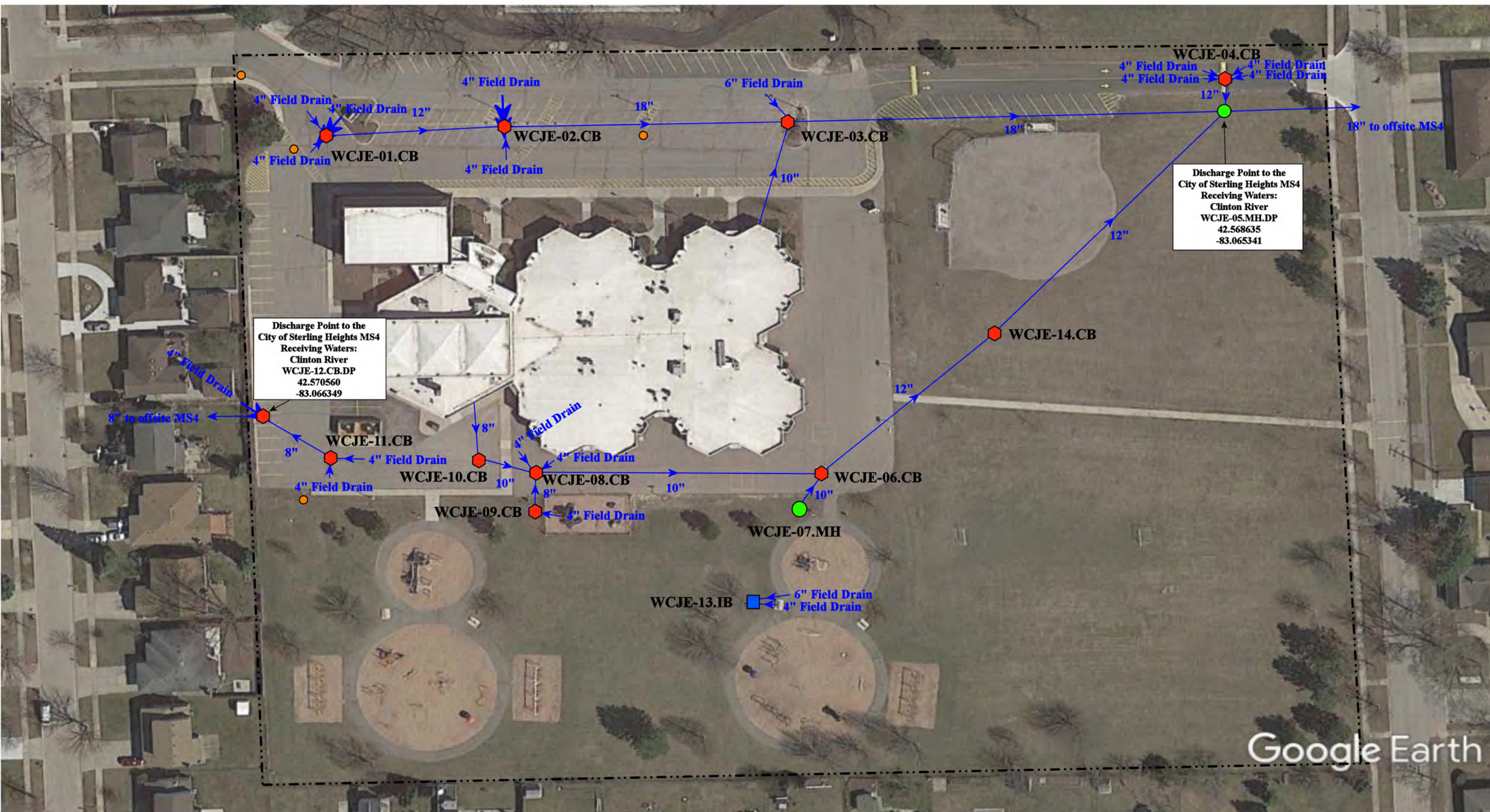




37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 04/25/2022   |
| Drawn by:       | VTV          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

- |               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |

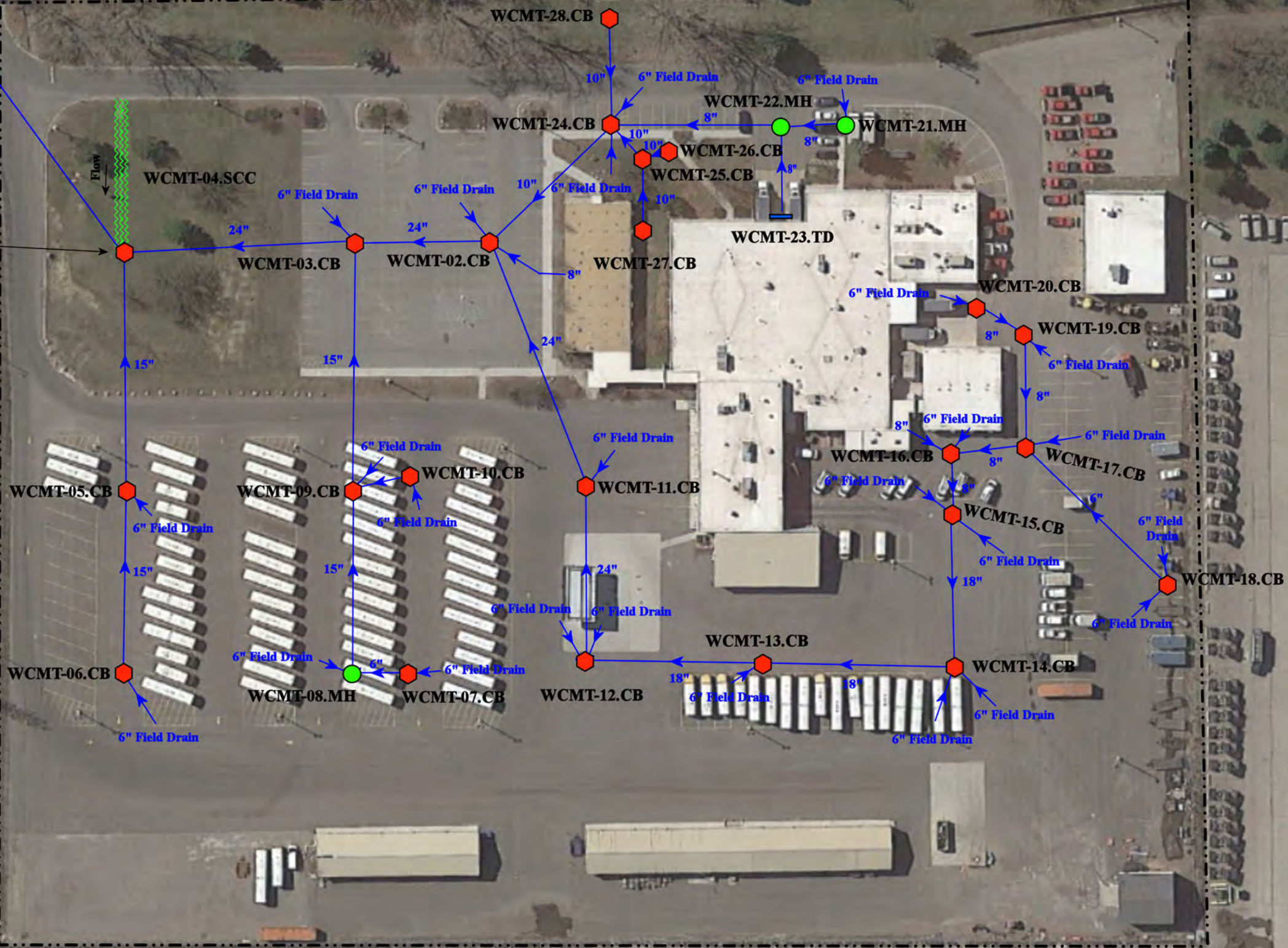




|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                    |  |  |                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------------------------------------------|
| <p>37555 Carol Drive, Sterling Heights, Michigan, 48310</p> <p><b>Jefferson Elementary School</b></p> <p>Warren Consolidated Schools</p>  <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                    |  |  | <p>Revision Date: 05/19/2022</p> <p>Drawn by: WM</p> <p>Reviewed: MW</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p> |
| <p> <span style="color: red;">◆</span> = Catch Basin<br/> <span style="color: green;">●</span> = Manhole<br/> <span style="color: blue;">●</span> = Basin Drain<br/> <span style="border: 1px solid gray; border-radius: 50%; padding: 2px;"> </span> = Offsite MS4<br/> <span style="color: orange;">●</span> = Sanitary<br/> <span style="color: blue;">■</span> = Infiltration Basin<br/> <span style="color: yellow;">▲</span> = Open Pipe Outlet<br/> <span style="color: orange;">▲</span> = Drainage Receptor<br/> <span style="color: blue;">—</span> = Trench Drain<br/> <span style="border-bottom: 1px dashed black;"> </span> = Property Lines<br/> <span style="color: purple;">◆</span> = Buried Structure<br/> <span style="color: teal;">◆</span> = Stabilized Outlet<br/> <span style="border: 1px solid purple; border-radius: 50%; padding: 2px;"> </span> = Flow Splitter<br/> <span style="border: 1px solid purple; border-radius: 50%; padding: 2px;"> </span> = Hydrodynamic Separator<br/> <span style="color: teal;">●</span> = Pond/Basin<br/> <span style="color: green;">~</span> = Swale/Stormwater<br/> <span style="color: blue;">—</span> = Conveyance Channel<br/> <span style="color: blue;">—</span> = Underground Detention System         </p> | <p>North</p>  |  |  |                                                                                                                           |

Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 -Meckler Drain  
 -Red Run Drain of the Clinton River  
 WCMT-01.CB.DP  
 42.528238  
 -83.042322

24" to offsite MS4



31950 Mound Rd, Warren, MI 48092

Maintenance & Transportation Center

Warren Consolidated Schools

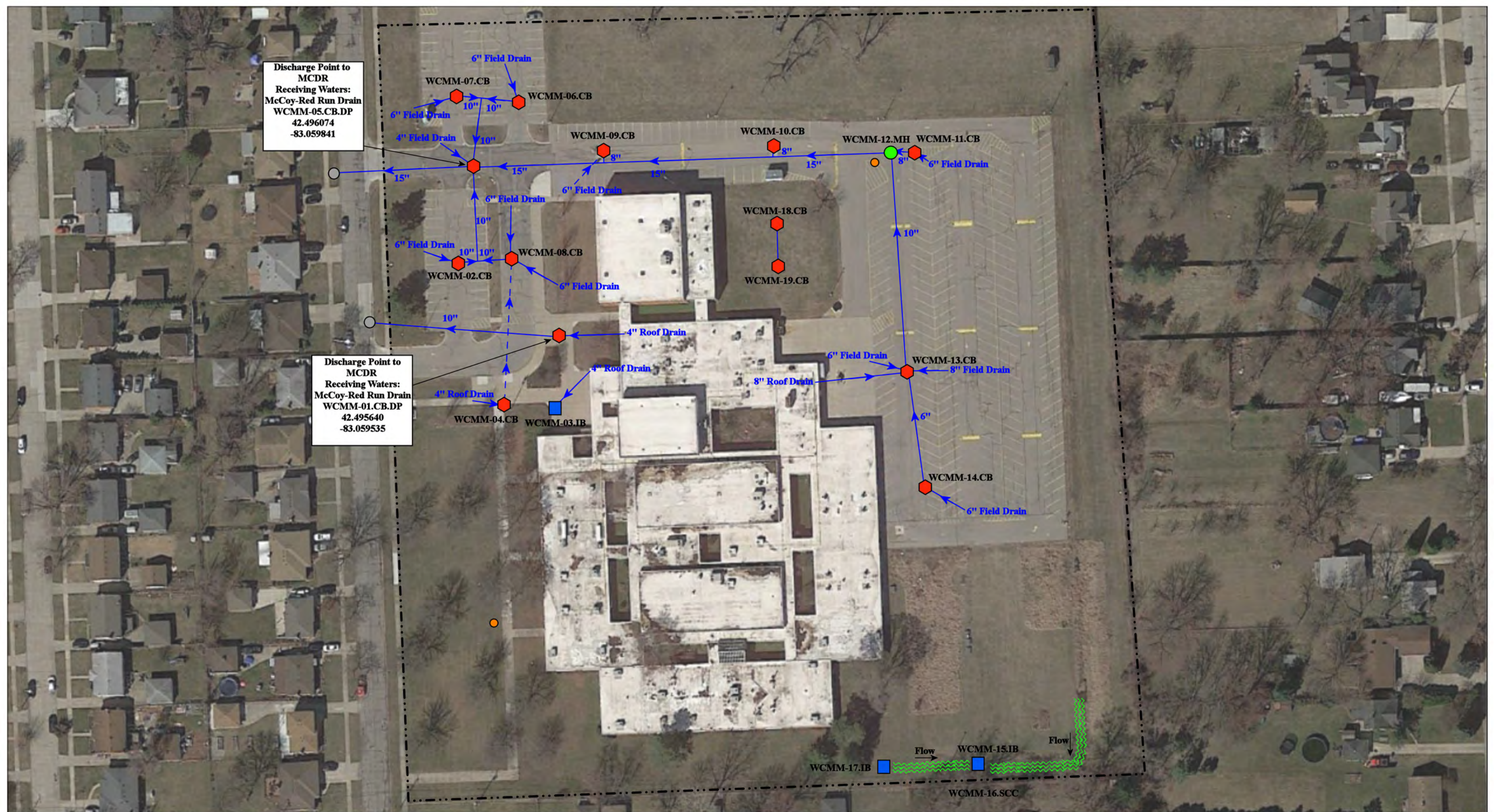


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- ≡ = Underground Detention System



|                |              |
|----------------|--------------|
| Revision Date: | 09/02/2022   |
| Drawn by:      | CJ           |
| Reviewed:      | EG           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Discharge Point to  
MCDR  
Receiving Waters:  
McCoy-Red Run Drain  
WCMM-05.CB.DP  
42.496074  
-83.059841

Discharge Point to  
MCDR  
Receiving Waters:  
McCoy-Red Run Drain  
WCMM-01.CB.DP  
42.495640  
-83.059535

--- = Property Lines

🔴 = Catch Basin

🟢 = Manhole

🟦 = Infiltration Basin

🌊 = Stormwater Conveyance Channel

🟠 = Sanitary

⊙ = Offsite MS4



27500 Cosgrove Drive, Warren, MI 48092

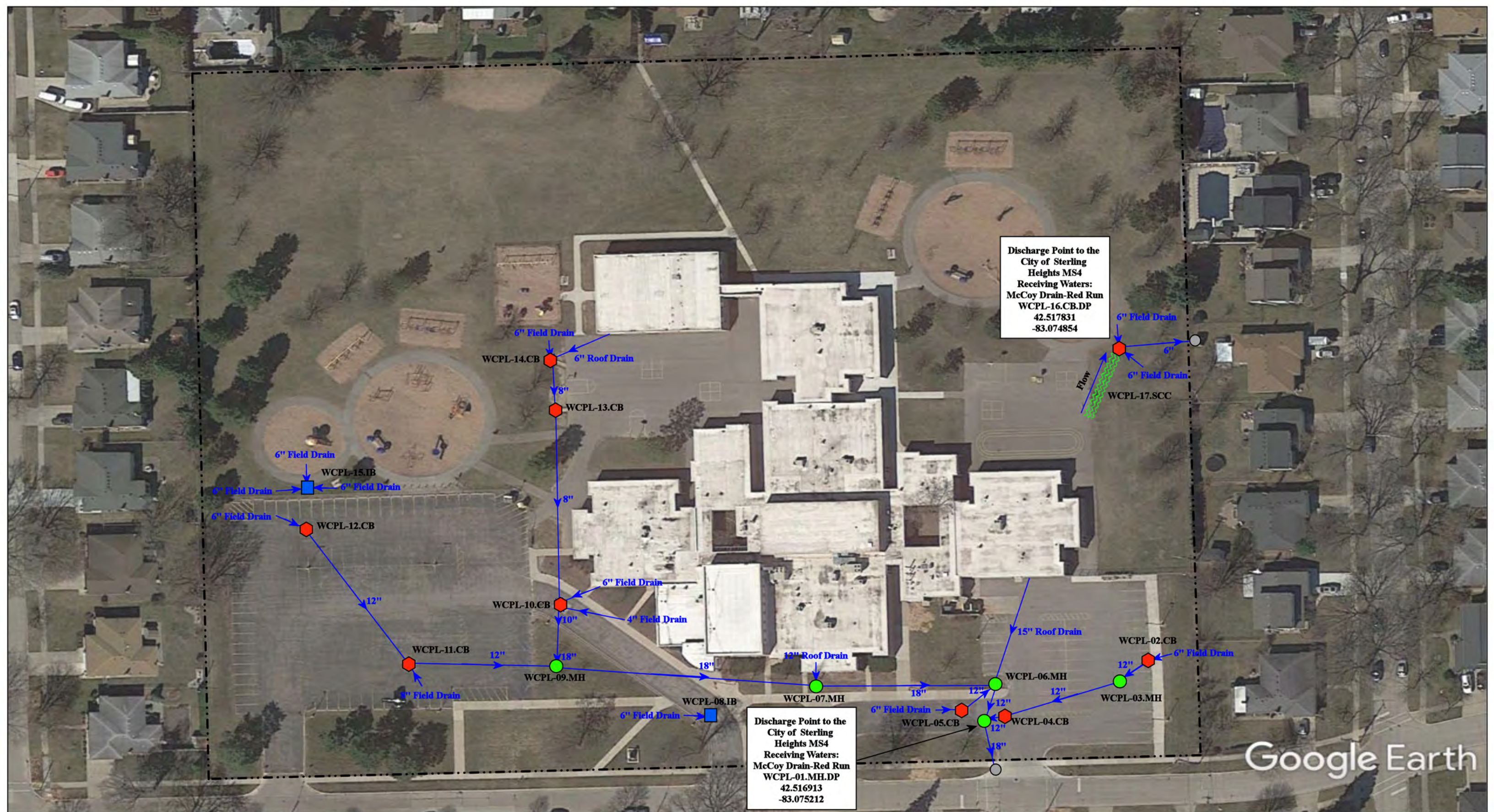
Macomb Mathematics Science Technology Center

Warren Consolidated Schools



37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 10-12-21     |
| Drawn by:       | WM           |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 McCoy Drain-Red Run  
 WCPL-16.CB.DP  
 42.517831  
 -83.074854

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 McCoy Drain-Red Run  
 WCPL-01.MH.DP  
 42.516913  
 -83.075212

Google Earth

2825 Girard Dr, Warren, MI 48092

- - - - = Property Lines  
 ● = Manhole  
 ◆ = Catch Basin  
 ■ = Infiltration Basin  
 ≡ = Stormwater Conveyance Channel  
 ○ = Offsite MS4

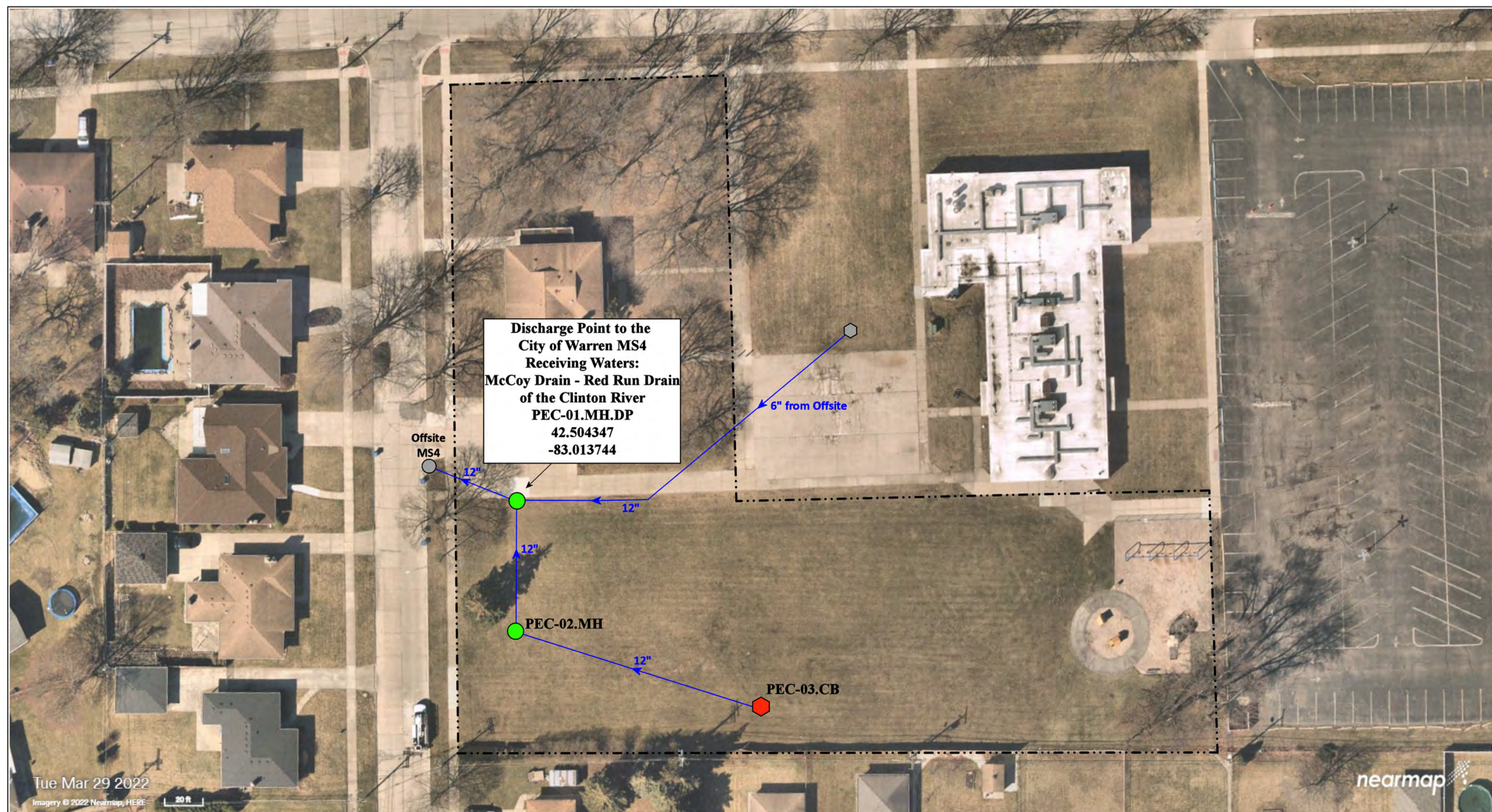
North

**Pearl Lean Elementary School**

Warren Consolidated Schools

37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 01/06/2022   |
| Drawn by:      | WM           |
| Reviewed:      | EG           |
| Page #:        | 1 of 1       |
| Scale:         | Not to Scale |



Tue Mar 29 2022  
 Imagery © 2022 Nearmap, HERE



nearmap

11131 Gerald Drive, Warren, Michigan 48093

# Pfromm Educational Center

Warren Consolidated Schools

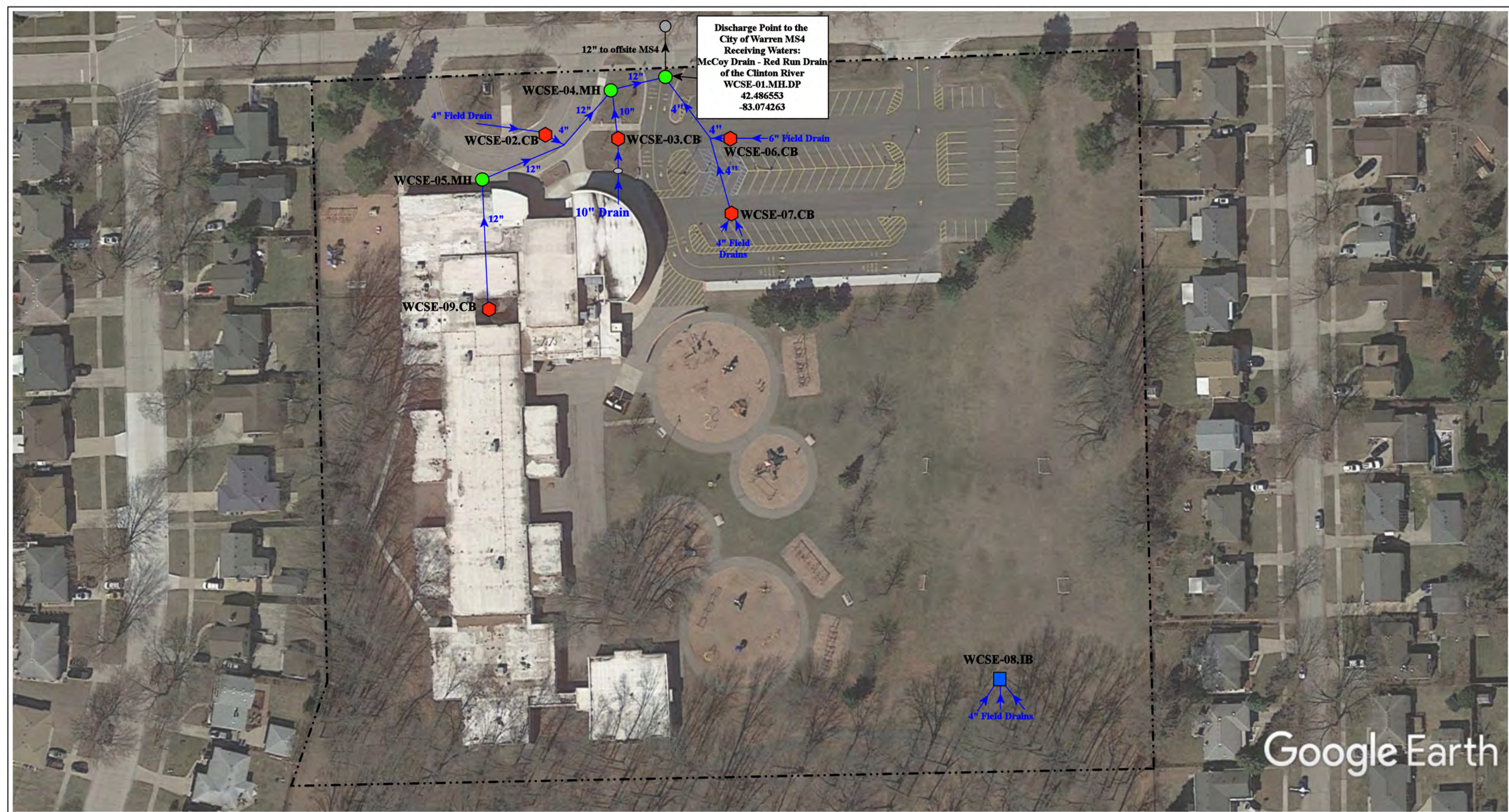


37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



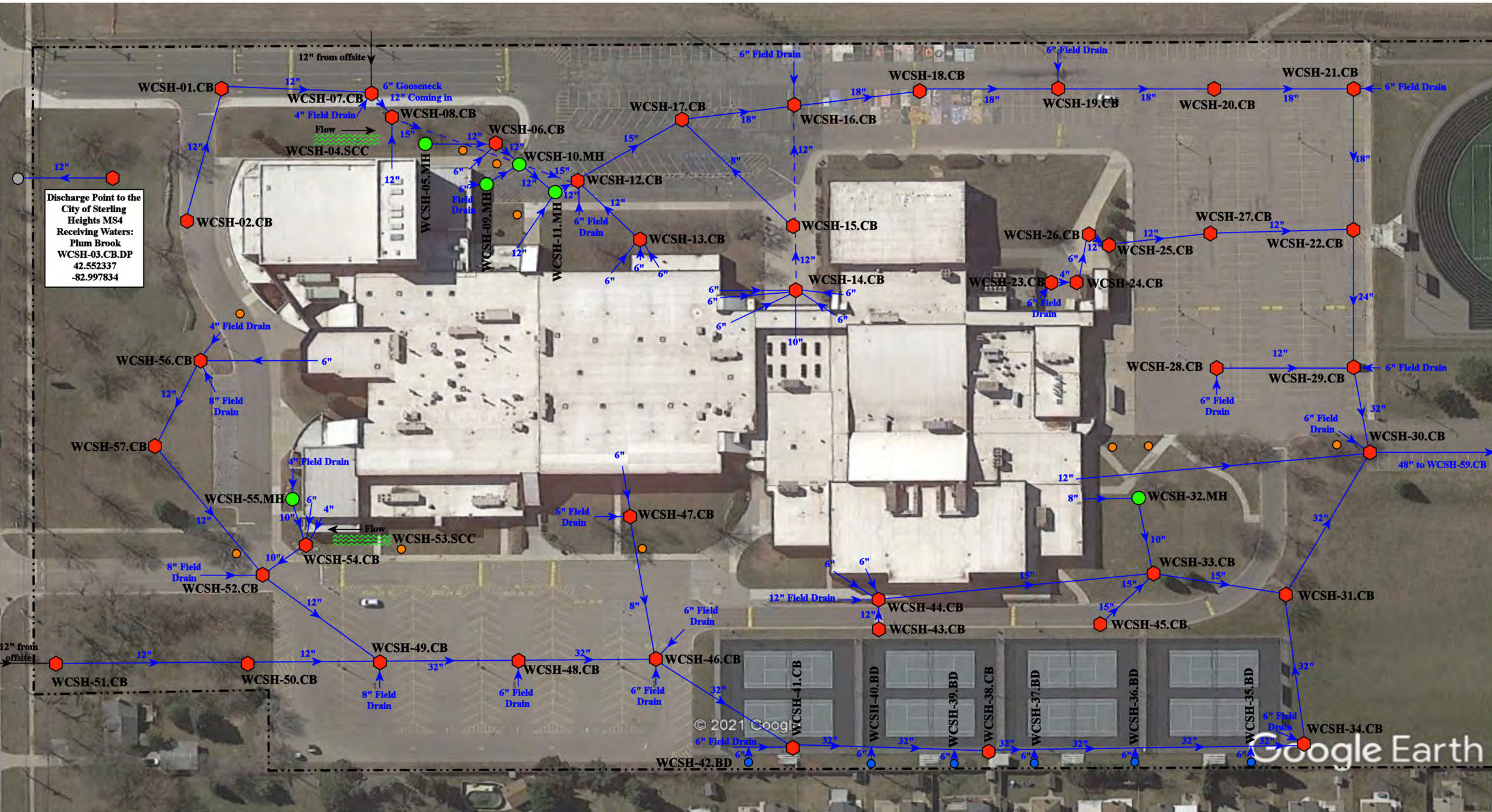
|                 |              |
|-----------------|--------------|
| Revision Date : | 08.05.2022   |
| Drawn by:       | EDG          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |



Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 McCoy Drain - Red Run Drain  
 of the Clinton River  
 WCSE-01.MH.DP  
 42.486553  
 -83.074263

Google Earth

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |              |                                                                                                                    |                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <p> <span style="color:red">●</span> = Catch Basin    <span style="color:blue">■</span> = Infiltration Basin    <span style="color:purple">◆</span> = Buried Structure    <span style="background-color:lightblue; border:1px solid black; display:inline-block; width:15px; height:10px;"></span> = Pond/Basin<br/> <span style="color:green">●</span> = Manhole    <span style="color:yellow">▲</span> = Open Pipe Outlet    <span style="color:teal">◆</span> = Stabilized Outlet    <span style="background-color:lightgreen; border:1px solid black; display:inline-block; width:15px; height:10px;"></span> = Swale/Stormwater<br/> <span style="color:blue">●</span> = Basin Drain    <span style="color:orange">◆</span> = Drainage Receptor    <span style="border:1px solid black; border-radius:50%; padding:2px;"> </span> = Flow Splitter    <span style="background-color:lightblue; border:1px solid black; display:inline-block; width:15px; height:10px;"></span> = Conveyance Channel<br/> <span style="border:1px solid black; border-radius:50%; padding:2px;"> </span> = Offsite MS4    <span style="color:blue">—</span> = Trench Drain    <span style="border:1px solid black; border-radius:50%; padding:2px;"> </span> = Hydrodynamic Separator    <span style="background-color:lightblue; border:1px solid black; display:inline-block; width:15px; height:10px;"></span> = Underground Detention System<br/> <span style="border:1px dashed black; display:inline-block; width:15px; height:10px;"></span> = Sanitary    <span style="border:1px dashed black; display:inline-block; width:15px; height:10px;"></span> = Property Lines         </p> |  | <p>North</p> | <p>3100 Donna Ave, Warren, MI 48091</p> <p><b>Siersma Elementary School</b></p> <p>Warren Consolidated Schools</p> | <p>Revision Date: 8/4/2022</p> <p>Drawn by: CJ</p> <p>Reviewed: EG</p> <p>Page #: 1 of 1</p> <p>Scale: Not to Scale</p> |
| <p>37720 Interchange Drive<br/>         Farmington Hills, MI 48335<br/>         Phone: 248-426-0165<br/>         Fax: 248-427-0305</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |              |                                                                                                                    |                                                                                                                         |

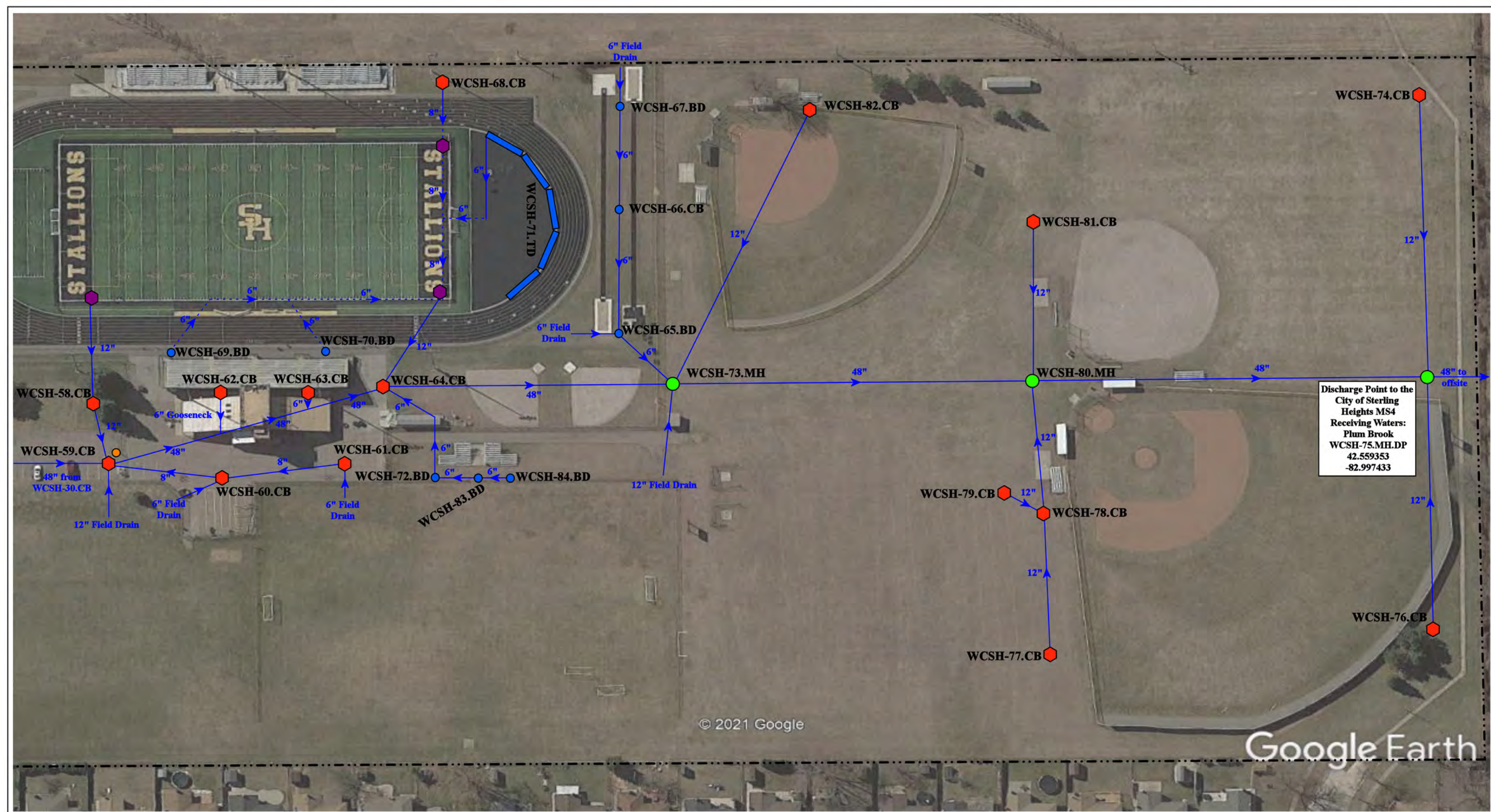


Discharge Point to the City of Sterling Heights MS4 Receiving Waters: Plum Brook  
 WCSH-03.CB.DP  
 42.552337  
 -82.997834

|                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |              |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                          |                |            |           |     |           |    |         |        |        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|-----------|-----|-----------|----|---------|--------|--------|--------------|
| <ul style="list-style-type: none"> <li><span style="color: red;">●</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="color: grey;">●</span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="color: blue;">—</span> = Trench Drain</li> <li>- - - = Property Lines</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: purple;">■</span> = Buried Structure</li> <li><span style="color: teal;">■</span> = Stabilized Outlet</li> <li><span style="color: pink;">■</span> = Flow Splitter</li> <li><span style="color: blue;">⊗</span> = Hydrodynamic Separator</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="color: green;">▨</span> = Swale/Stormwater Conveyance Channel</li> <li><span style="color: blue;">▬</span> = Underground Detention System</li> </ul> | <p>North</p> | <p>12901 15 Mile Road, Sterling Heights, Michigan 48312</p> <p>Sterling Heights High School and<br/>         WCS Performing Arts Center<br/>         Warren Consolidated Schools</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Revision Date:</td> <td>06/30/2023</td> </tr> <tr> <td>Drawn by:</td> <td>MRW</td> </tr> <tr> <td>Reviewed:</td> <td>EG</td> </tr> <tr> <td>Page #:</td> <td>1 of 2</td> </tr> <tr> <td>Scale:</td> <td>Not to Scale</td> </tr> </table> | Revision Date: | 06/30/2023 | Drawn by: | MRW | Reviewed: | EG | Page #: | 1 of 2 | Scale: | Not to Scale |
| Revision Date:                                                                                                                                                                                                                                                                                                                             | 06/30/2023                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |              |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                          |                |            |           |     |           |    |         |        |        |              |
| Drawn by:                                                                                                                                                                                                                                                                                                                                  | MRW                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |              |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                          |                |            |           |     |           |    |         |        |        |              |
| Reviewed:                                                                                                                                                                                                                                                                                                                                  | EG                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |              |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                          |                |            |           |     |           |    |         |        |        |              |
| Page #:                                                                                                                                                                                                                                                                                                                                    | 1 of 2                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |              |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                          |                |            |           |     |           |    |         |        |        |              |
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37720 Interchange Drive  
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 Phone: 248-426-0165  
 Fax: 248-427-0305



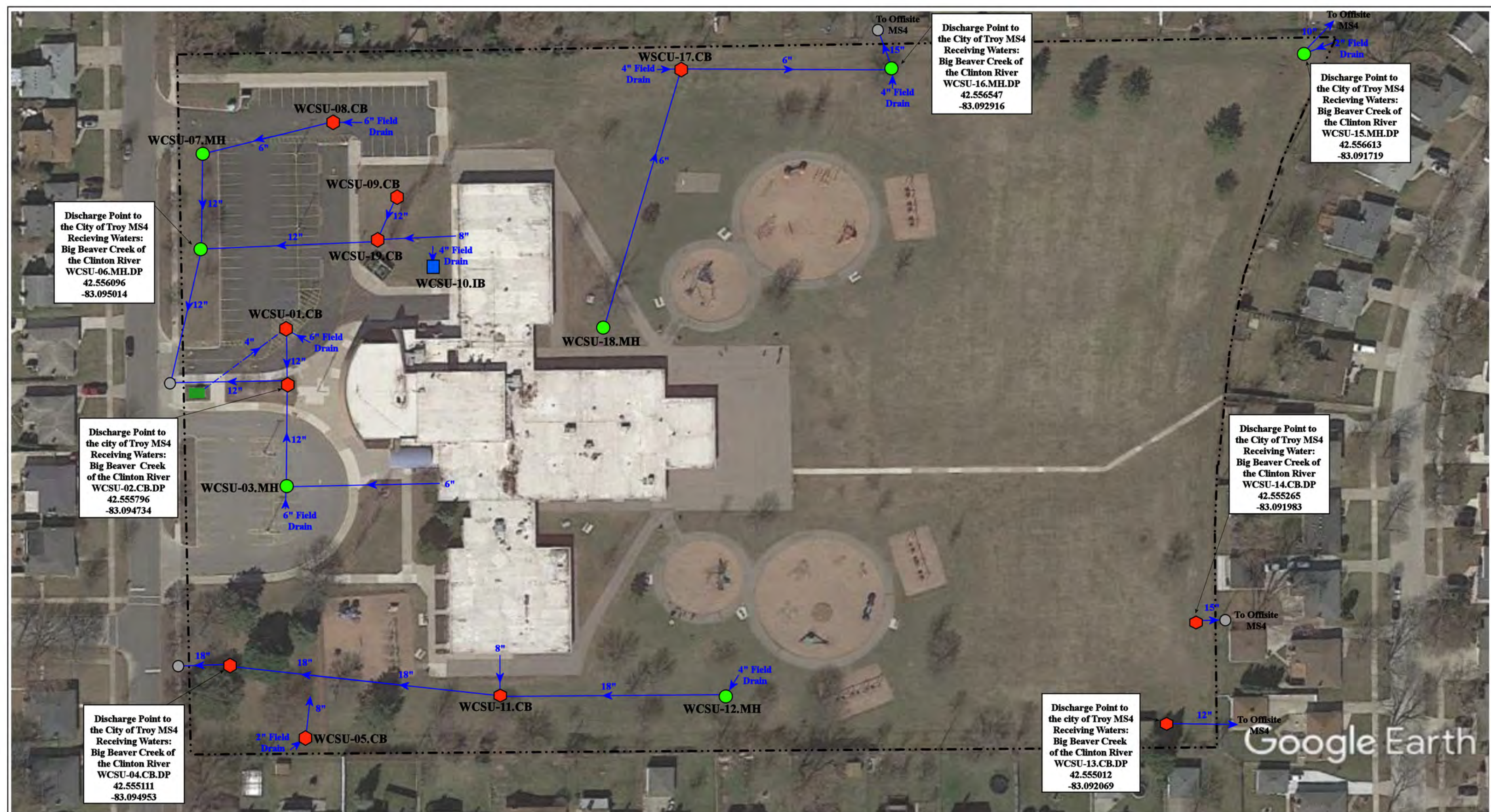


Discharge Point to the  
City of Sterling  
Heights MS4  
Receiving Waters:  
Plum Brook  
WCSH-75.MH.DP  
42.559353  
-82.997433

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Google Earth

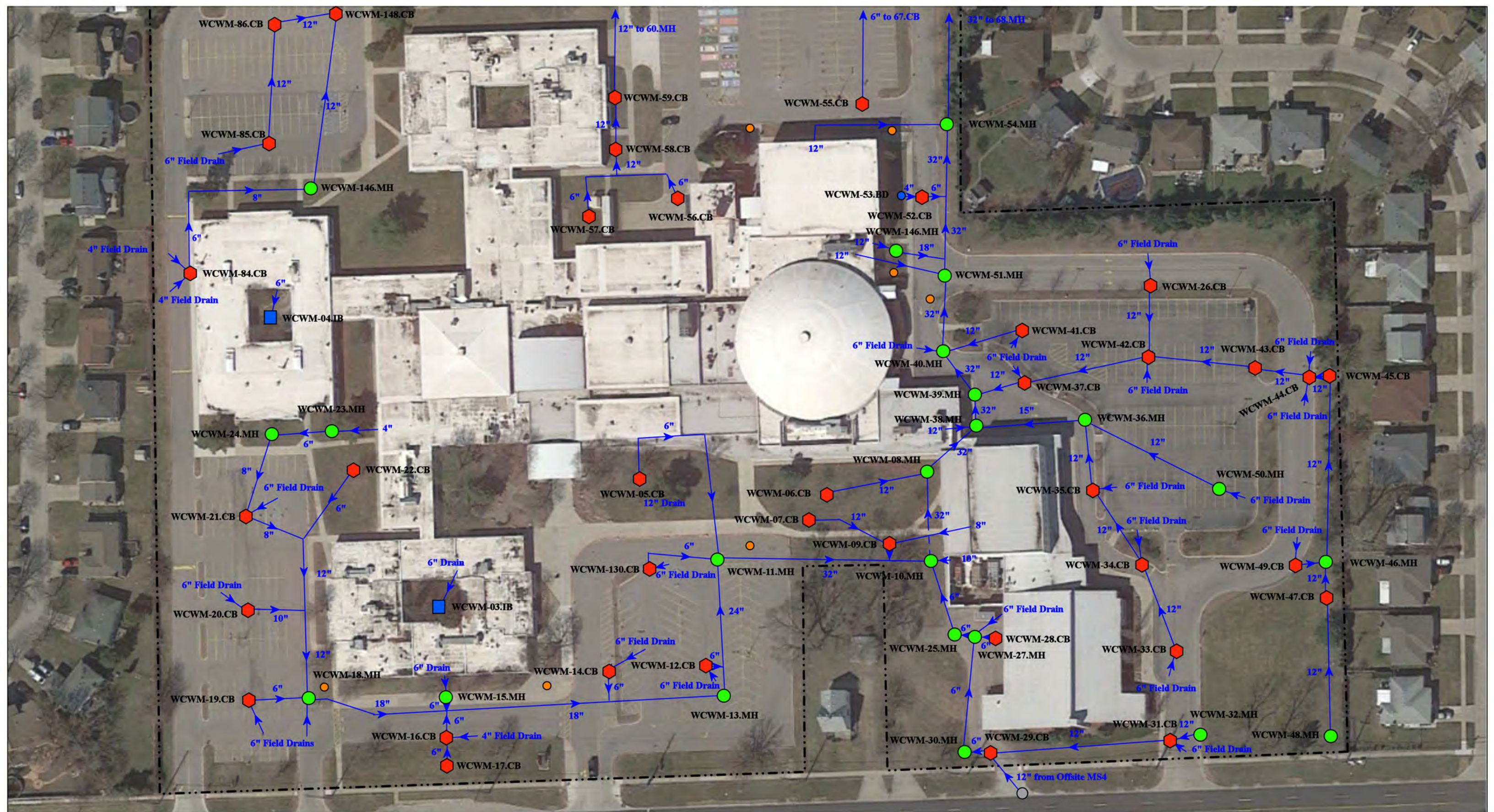
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| <ul style="list-style-type: none"> <li><span style="color: red;">●</span> = Catch Basin</li> <li><span style="color: green;">●</span> = Manhole</li> <li><span style="color: blue;">●</span> = Basin Drain</li> <li><span style="border: 1px solid gray; border-radius: 50%; padding: 2px;"> </span> = Offsite MS4</li> <li><span style="color: orange;">●</span> = Sanitary</li> <li><span style="color: blue;">■</span> = Infiltration Basin</li> <li><span style="color: yellow;">▲</span> = Open Pipe Outlet</li> <li><span style="color: orange;">▲</span> = Drainage Receptor</li> <li><span style="border-bottom: 1px solid blue; width: 20px; display: inline-block;"></span> = Trench Drain</li> <li><span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> = Property Lines</li> <li><span style="color: purple;">■</span> = Buried Structure</li> <li><span style="color: teal;">■</span> = Stabilized Outlet</li> <li><span style="border: 1px solid purple; padding: 2px;"> </span> = Flow Splitter</li> <li><span style="border: 1px solid purple; border-radius: 50%; padding: 2px;"> </span> = Hydrodynamic Separator</li> <li><span style="color: cyan;">●</span> = Pond/Basin</li> <li><span style="border-bottom: 1px wavy cyan; width: 20px; display: inline-block;"></span> = Swale/Stormwater Conveyance Channel</li> <li><span style="border-bottom: 1px solid cyan; width: 20px; display: inline-block;"></span> = Underground Detention System</li> </ul> |  |                                                                                                             |  | <p>North</p> | <p>12901 15 Mile Road, Sterling Heights, Michigan 48312</p> <p>Sterling Heights High School and<br/>WCS Performing Arts Center</p> <p>Warren Consolidated Schools</p> |  | <p>Revision Date: 06/30/2023</p> <p>Drawn by: MRW</p> <p>Reviewed: EG</p> <p>Page #: 2 of 2</p> <p>Scale: Not to Scale</p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <p>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</p> |  |              |                                                                                                                                                                       |  |                                                                                                                            |



- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                   |  |  |  |                |              |
|---------------------------------------------------------------------------------------------------|--|--|--|----------------|--------------|
| 2200 Castleton Dr, Troy, MI 48083                                                                 |  |  |  |                |              |
| <b>Susick Elementary School</b>                                                                   |  |  |  | Revision Date: | 1/25/2023    |
| Warren Consolidated Schools                                                                       |  |  |  | Drawn by:      | EMB          |
|                                                                                                   |  |  |  | Reviewed:      | KD           |
| 37720 Interchange Drive<br>Farmington Hills, MI 48335<br>Phone: 248-426-0165<br>Fax: 248-427-0305 |  |  |  | Page #:        | 1 of 1       |
|                                                                                                   |  |  |  | Scale:         | Not to Scale |



3131 Twelve Mile Rd, Warren, MI 48092

# Warren Mott High School

Warren Consolidated Schools

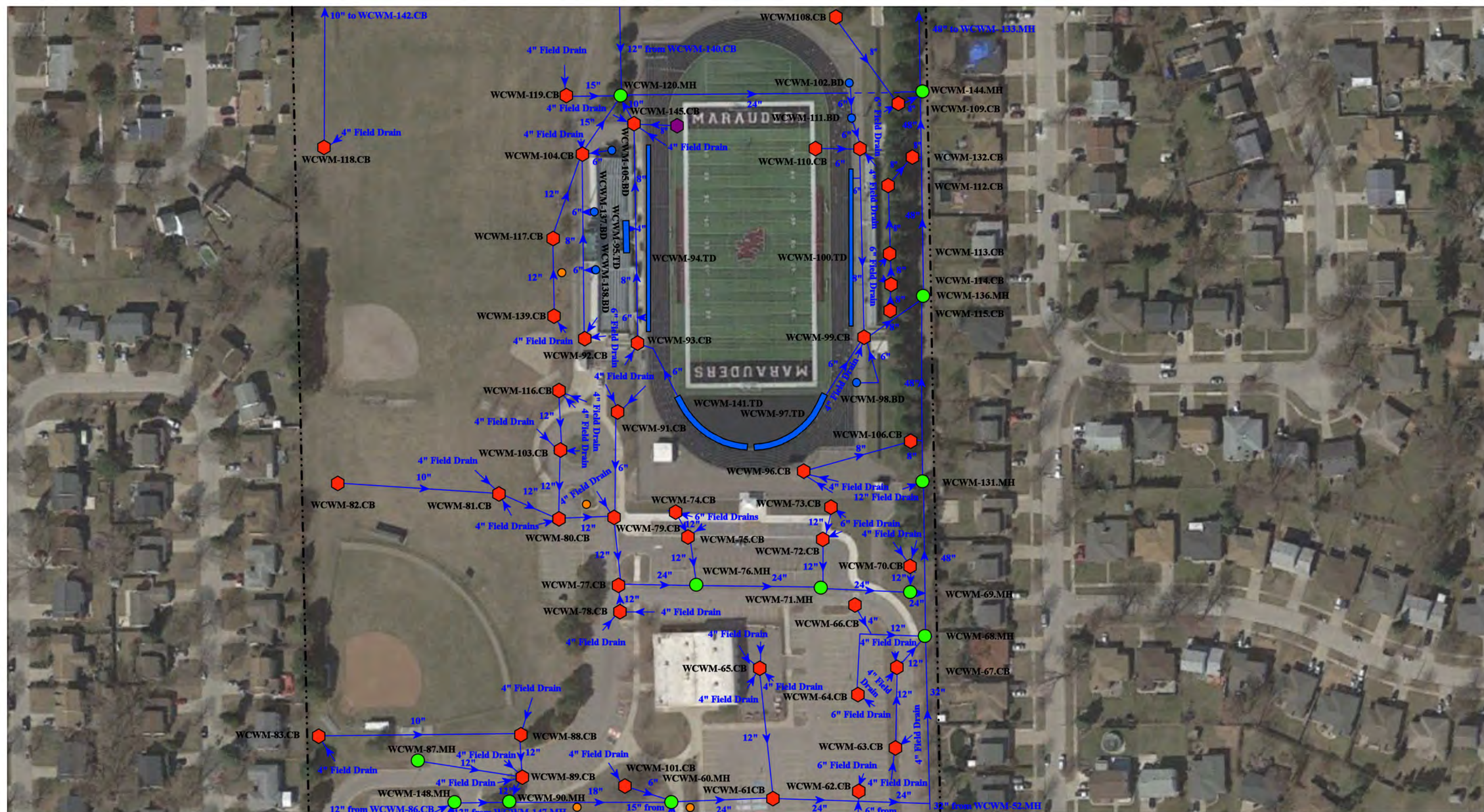


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Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- |               |                      |                          |                                |
|---------------|----------------------|--------------------------|--------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                   |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater             |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Conveyance Channel           |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator | = Underground Detention System |
| = Sanitary    | = Property Lines     |                          |                                |



|                 |              |
|-----------------|--------------|
| Revision Date : | 09/07/2022   |
| Drawn by:       | JLP          |
| Reviewed:       | LK           |
| Page #:         | 1 of 3       |
| Scale:          | Not to Scale |



3131 Twelve Mile Rd, Warren, MI 48092

# Warren Mott High School

Warren Consolidated Schools



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Phone: 248-426-0165  
Fax: 248-427-0305

- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- = Trench Drain
- = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- = Pond/Basin
- = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                 |              |
|-----------------|--------------|
| Revision Date : | 08/31/2022   |
| Drawn by:       | JLP          |
| Reviewed:       | LK           |
| Page #:         | 2 of 3       |
| Scale:          | Not to Scale |



Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 McCoy Drain-Red Run Drain  
 Of the Clinton River  
 WCWM-01.MH.DP  
 42.512613  
 -83.075597

Discharge Point to the City of Warren MS4  
 Receiving Waters:  
 McCoy Drain-Red Run Drain  
 of the Clinton River  
 WCWM-02.MH.DP  
 42.512613  
 -83.075597

3131 Twelve Mile Rd, Warren, MI 48092

# Warren Mott High School

Warren Consolidated Schools



37720 Interchange Drive  
 Farmington Hills, MI 48335  
 Phone: 248-426-0165  
 Fax: 248-427-0305

- = Catch Basin

= Manhole

= Basin Drain

= Offsite MS4

= Sanitary
- = Infiltration Basin

= Open Pipe Outlet

= Drainage Receptor

= Trench Drain

= Property Lines
- = Buried Structure

= Stabilized Outlet

= Flow Splitter

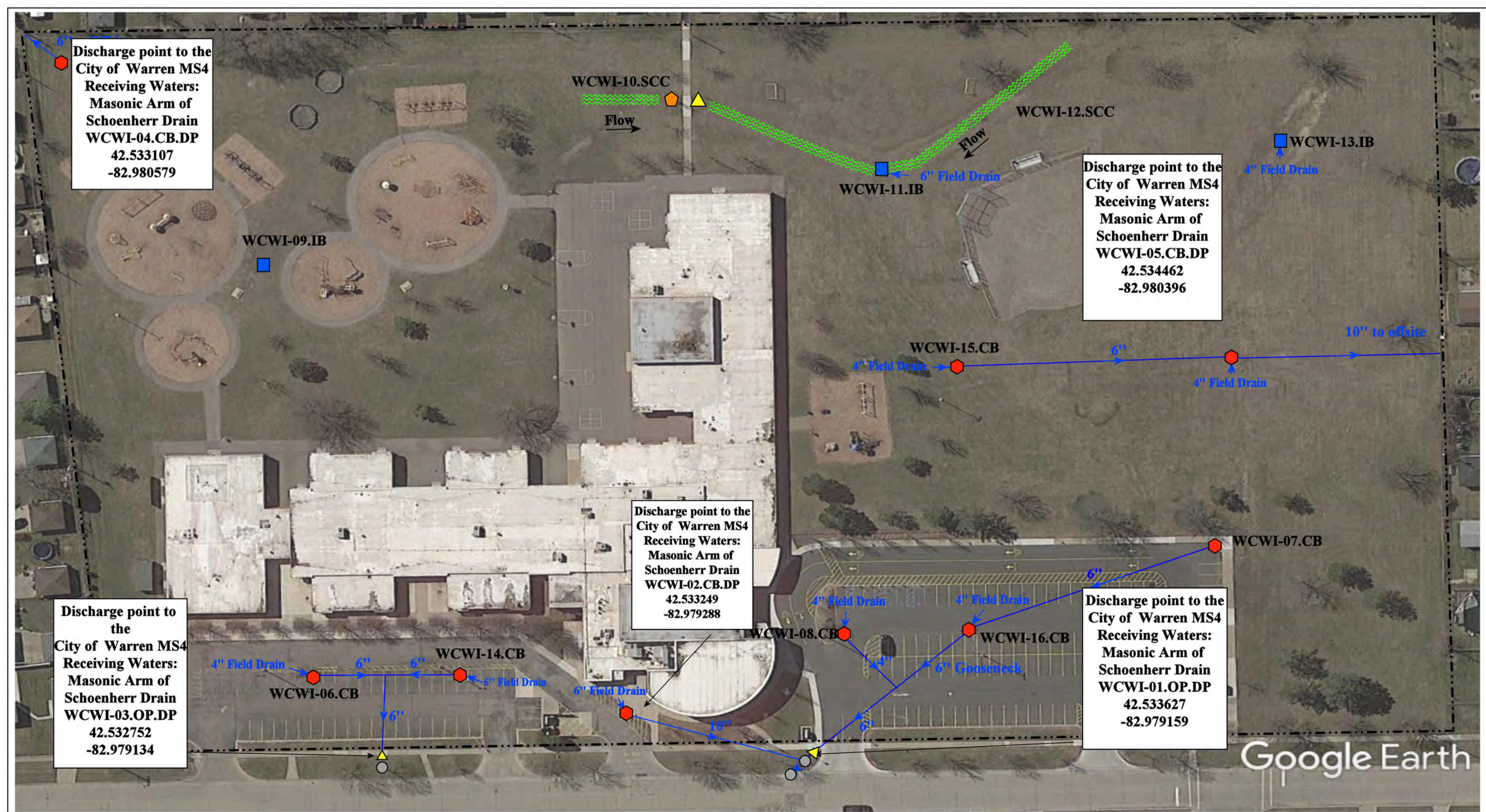
= Hydrodynamic Separator
- = Pond/Basin

= Swale/Stormwater Conveyance Channel

= Underground Detention System



|                 |              |
|-----------------|--------------|
| Revision Date : | 08/31/2022   |
| Drawn by:       | JLP          |
| Reviewed:       | LK           |
| Page #:         | 3 of 3       |
| Scale:          | Not to Scale |



Discharge point to the City of Warren MS4  
 Receiving Waters:  
 Masonic Arm of Schoenherr Drain  
 WCWI-04.CB.DP  
 42.533107  
 -82.980579

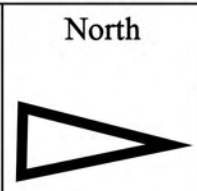
Discharge point to the City of Warren MS4  
 Receiving Waters:  
 Masonic Arm of Schoenherr Drain  
 WCWI-05.CB.DP  
 42.534462  
 -82.980396

Discharge point to the City of Warren MS4  
 Receiving Waters:  
 Masonic Arm of Schoenherr Drain  
 WCWI-02.CB.DP  
 42.533249  
 -82.979288

Discharge point to the City of Warren MS4  
 Receiving Waters:  
 Masonic Arm of Schoenherr Drain  
 WCWI-03.OP.DP  
 42.532752  
 -82.979134

Discharge point to the City of Warren MS4  
 Receiving Waters:  
 Masonic Arm of Schoenherr Drain  
 WCWI-01.OP.DP  
 42.533627  
 -82.979159

- ⬡ = Catch Basin
- ⬡ = Infiltration Basin
- ⬡ = Drainage Receptor
- ⬡ = Open Pipe Outlet
- = Offsite MS4
- = Property Lines
- ⋯ = Stormwater Conveyance Channel



32343 Bunert Road, Warren, MI 48088

# Wilde Elementary School

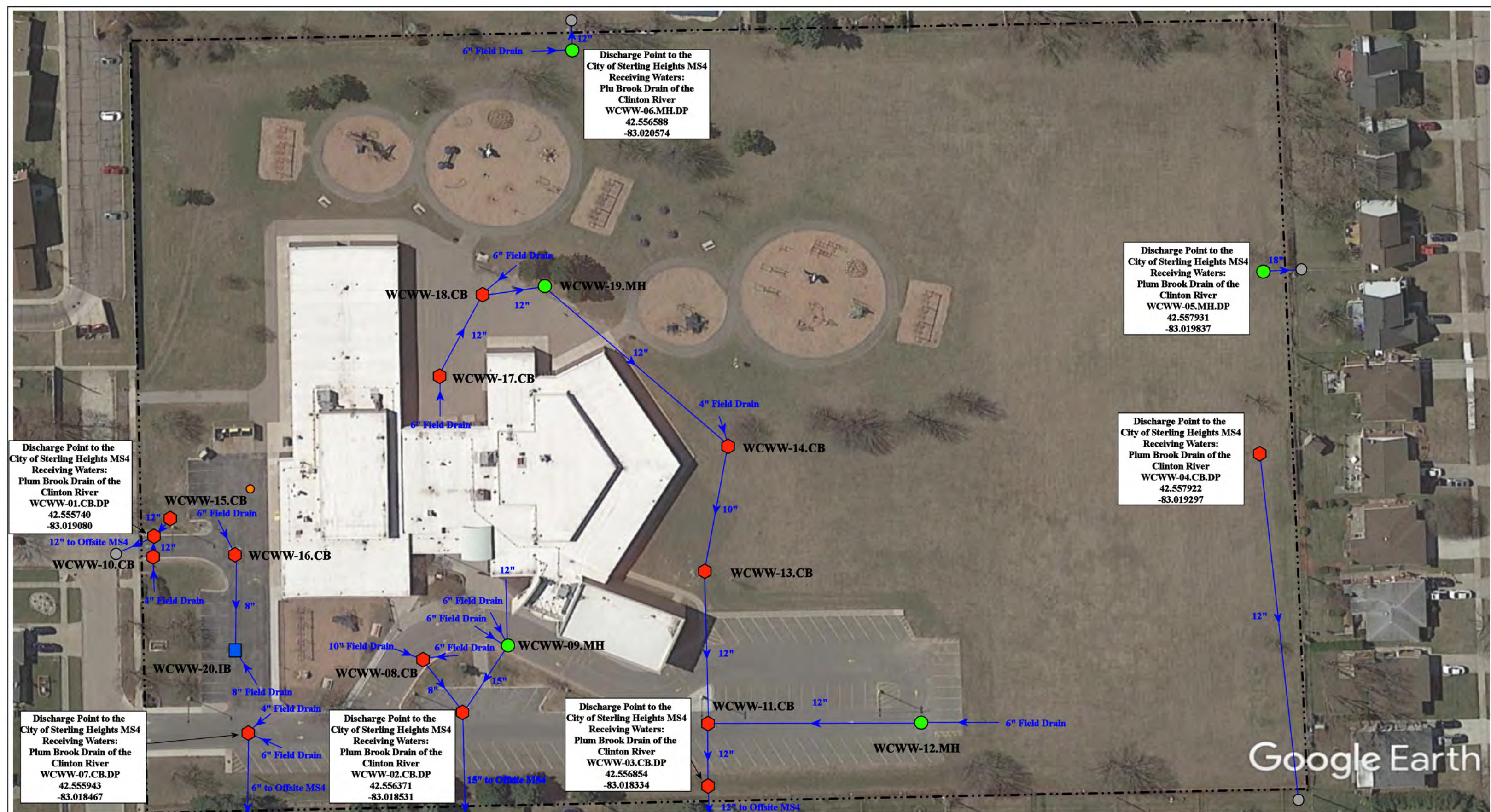
Warren Consolidated Schools



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 Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 4/16/21      |
| Drawn by:       | WM           |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

Google Earth



Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-06.MH.DP  
 42.556588  
 -83.020574

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-05.MH.DP  
 42.557931  
 -83.019837

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-04.CB.DP  
 42.557922  
 -83.019297

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-01.CB.DP  
 42.555740  
 -83.019080

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-07.CB.DP  
 42.555943  
 -83.018467

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-02.CB.DP  
 42.556371  
 -83.018531

Discharge Point to the City of Sterling Heights MS4  
 Receiving Waters:  
 Plum Brook Drain of the Clinton River  
 WCWW-03.CB.DP  
 42.556854  
 -83.018334

11001 Daniel Drive, Sterling Heights, Michigan 48312

**Willow Woods Elementary School**

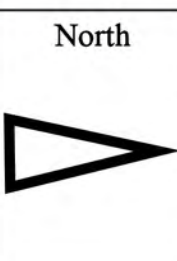
Warren Consolidated Schools



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|                 |              |
|-----------------|--------------|
| Revision Date : | 1/25/2023    |
| Drawn by:       | JLP          |
| Reviewed:       | CD           |
| Page #:         | 1 of 1       |
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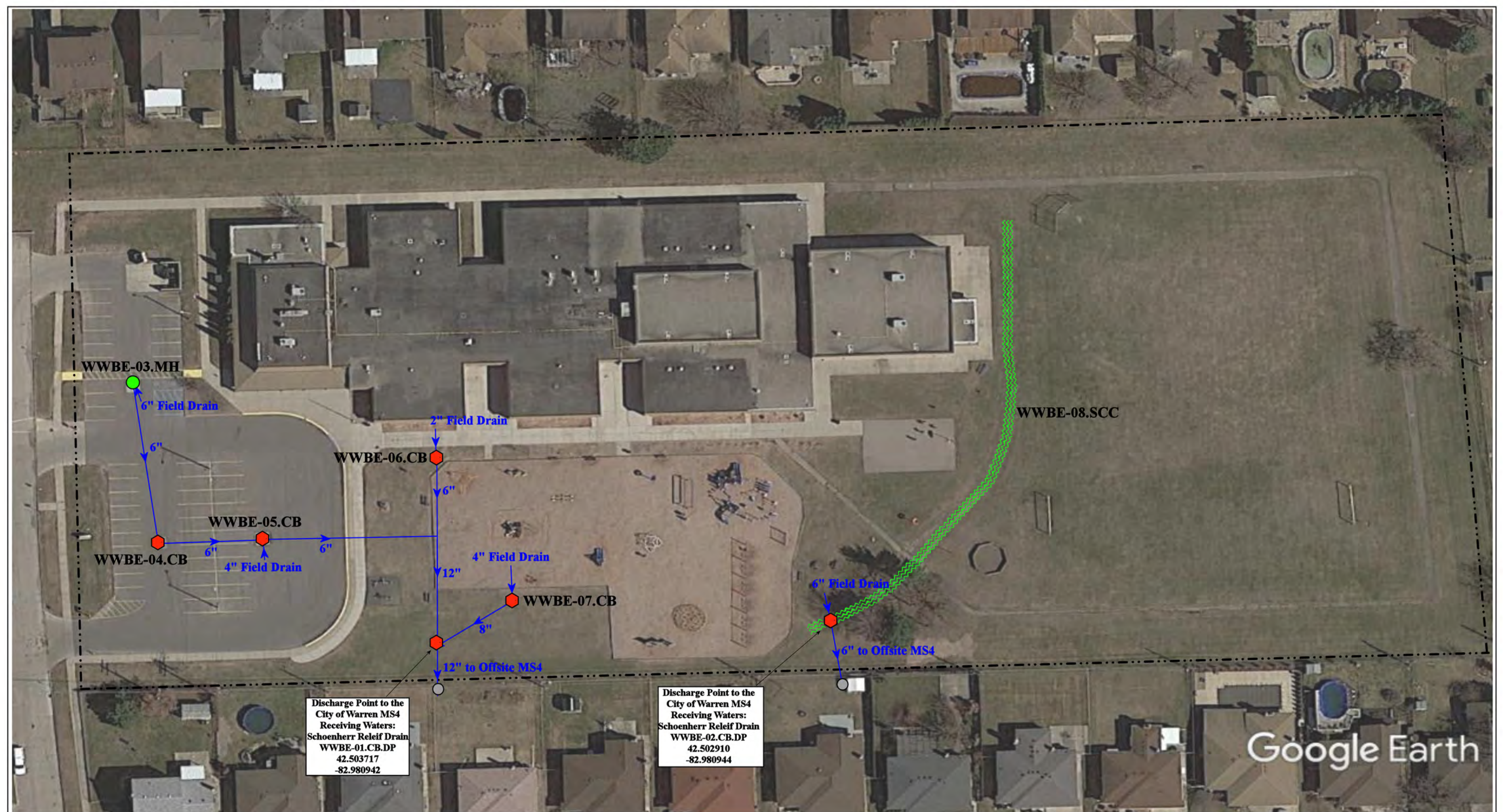
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|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |



## Receiving Waters Table

| Warren Woods Public Schools                                   |                           |                                      |            |                              |                     |               |
|---------------------------------------------------------------|---------------------------|--------------------------------------|------------|------------------------------|---------------------|---------------|
| FACILITY                                                      | OUTFALL / DISCHARGE POINT | GPS COORDINATES (Latitude/Longitude) |            | POINT OF DISCHARGE / OUTFALL | RECEIVING WATERS    | WATERSHED     |
| Briarwood Elementary School                                   | WWBE-01.CB.DP             | 42.503717                            | -82.980942 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWBE-02.CB.DP             | 42.503086                            | -82.980919 | City of Warren MS4           | Harrington Drain    | Clinton River |
| Enterprise High School and Warren Woods Middle School Complex | WWMS-02.MH.DP             | 42.504842                            | -82.988314 | MCPWO MS4                    | Harrington Drain    | Clinton River |
| Pinewood Elementary School                                    | WWPE-01.MH.DP             | 42.512314                            | -82.978069 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWPE-03.CB.DP             | 42.513522                            | -82.978097 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWPE-04.MH.DP             | 42.513503                            | -82.978133 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWPE-05.CB.DP             | 42.513328                            | -82.977774 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWPE-06.CB.DP             | 42.512987                            | -82.977917 | City of Warren MS4           | Harrington Drain    | Clinton River |
| Warren Woods Early Childhood Center                           | WWEC-01.MH.DP             | 42.485284                            | -82.992399 | City of Warren MS4           | Harrington Drain    | Clinton River |
| Warren Woods Tower High School and Maintenance Complex        | WWTH-01.MH.DP             | 42.500354                            | -82.974852 | MCPWO MS4                    | Harrington Drain    | Clinton River |
|                                                               | WWTH-02.MH.DP             | 42.500957                            | -82.972149 | MCPWO MS4                    | Harrington Drain    | Clinton River |
|                                                               | WWTH-03.MH.DP             | 42.501280                            | -82.970724 | MCPWO MS4                    | Harrington Drain    | Clinton River |
|                                                               | WWTH-04.MH.DP             | 42.499959                            | -82.977057 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWTH-05.CB.DP             | 42.500805                            | -82.975172 | MCPWO MS4                    | Harrington Drain    | Clinton River |
| Westwood Elementary School                                    | WWWE-01.OP.DP             | 42.500462                            | -83.000590 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWWE-02.MH.DP             | 42.500296                            | -83.001795 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWWE-03.MH.DP             | 42.500414                            | -83.002379 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWWE-04.MH.DP             | 42.500339                            | -83.001406 | City of Warren MS4           | Harrington Drain    | Clinton River |
|                                                               | WWWE-14.CB.DP             | 42.500073                            | -83.003680 | City of Warren MS4           | McCoy Drain-Red Run | Clinton River |





Discharge Point to the City of Warren MS4  
Receiving Waters:  
Schoenherr Relief Drain  
WWBE-01.CB.DP  
42.503717  
-82.980942

Discharge Point to the City of Warren MS4  
Receiving Waters:  
Schoenherr Relief Drain  
WWBE-02.CB.DP  
42.502910  
-82.980944

14100 Leisure, Warren, MI 48088

# Briarwood Elementary School

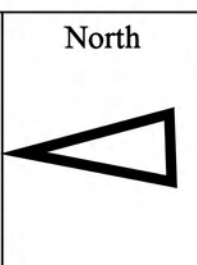
Warren Woods Public Schools

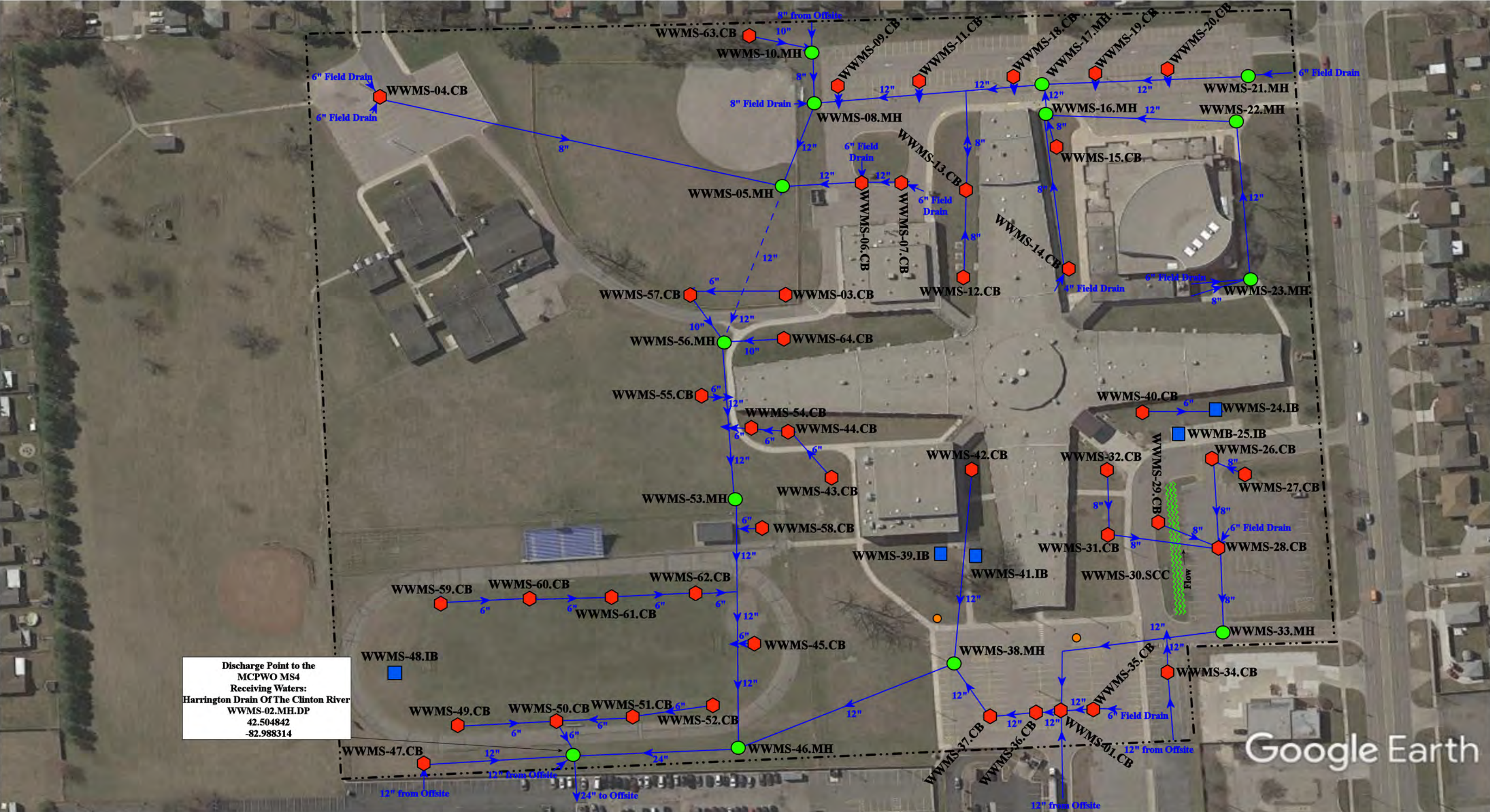


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Fax: 248-427-0305

|                 |              |
|-----------------|--------------|
| Revision Date : | 05/27/2022   |
| Drawn by:       | EDG          |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |

|               |                      |                          |                                       |
|---------------|----------------------|--------------------------|---------------------------------------|
| = Catch Basin | = Infiltration Basin | = Buried Structure       | = Pond/Basin                          |
| = Manhole     | = Open Pipe Outlet   | = Stabilized Outlet      | = Swale/Stormwater Conveyance Channel |
| = Basin Drain | = Drainage Receptor  | = Flow Splitter          | = Underground Detention System        |
| = Offsite MS4 | = Trench Drain       | = Hydrodynamic Separator |                                       |
| = Sanitary    | = Property Lines     |                          |                                       |





Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Harrington Drain Of The Clinton River  
WWMS-02.MH.DP  
42.504842  
-82.988314

Google Earth

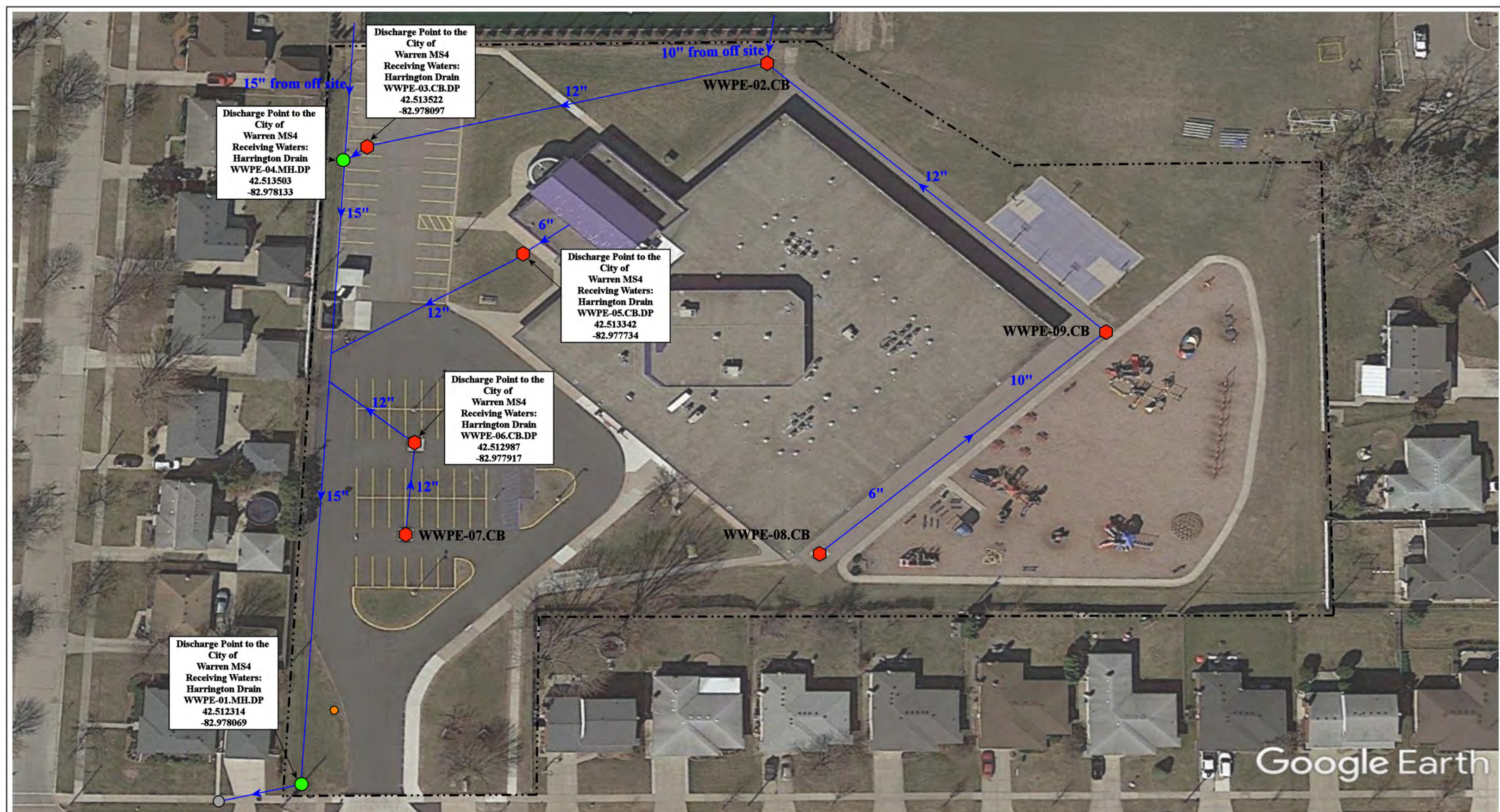
- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- ⬡ = Infiltration Basin
- ▲ = Open Pipe Outlet
- ⬡ = Drainage Receptor
- = Trench Drain
- = Property Lines
- ⬡ = Buried Structure
- ⬡ = Stabilized Outlet
- = Flow Splitter
- = Hydrodynamic Separator
- ⬡ = Pond/Basin
- ⌋ = Swale/Stormwater Conveyance Channel
- ⌋ = Underground Detention System



28600 Suburban & 13400 East 12 Mile Road, Warren, MI 48089

|                                                                                       |                           |
|---------------------------------------------------------------------------------------|---------------------------|
| Enterprise High School &<br>Warren Woods Middle School<br>Warren Woods Public Schools | Revision Date: 10/26/2022 |
|                                                                                       | Drawn by: WM              |
|                                                                                       | Reviewed: EG              |
|                                                                                       | Page #: 1 of 1            |
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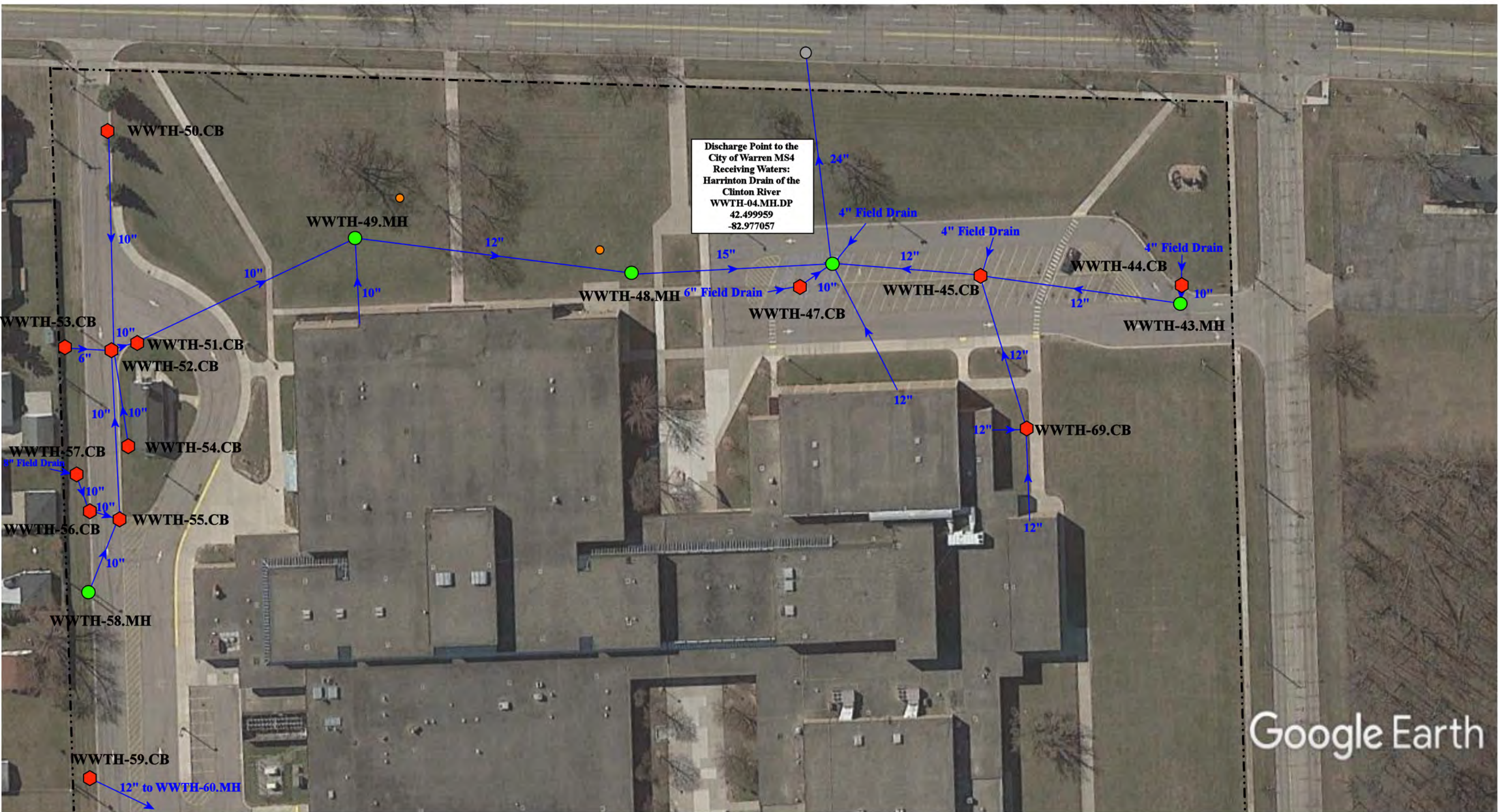
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- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
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- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
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- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ▬ = Swale/Stormwater Conveyance Channel
- ▬ = Underground Detention System



|                                                                                                                     |  |  |                            |
|---------------------------------------------------------------------------------------------------------------------|--|--|----------------------------|
| 14411 Bade Dr, Warren, MI 48088                                                                                     |  |  | Revision Date : 03/07/2023 |
| <b>Pinewood Elementary School</b>                                                                                   |  |  | Drawn by: MRW              |
| Warren Woods Public Schools                                                                                         |  |  | Reviewed: KD               |
|                                                                                                                     |  |  | Page #: 1 of 1             |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  |  | Scale: Not to Scale        |

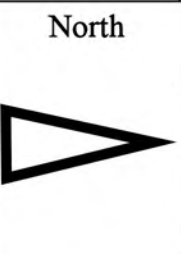


Discharge Point to the  
City of Warren MS4  
Receiving Waters:  
Harrinton Drain of the  
Clinton River  
WWTH-04.MH.DP  
42.499959  
-82.977057

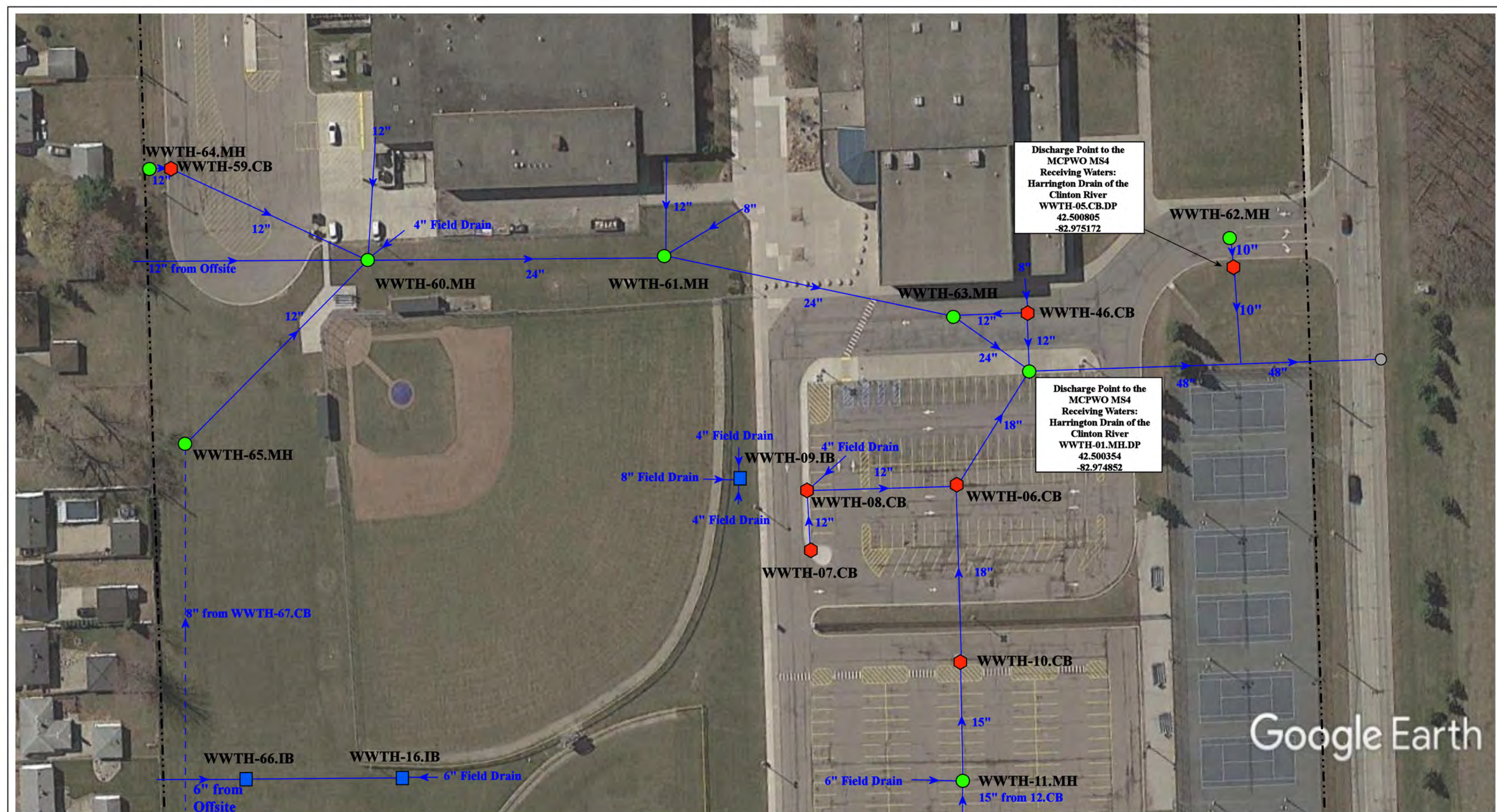
Google Earth

27900 Bunert Road, Warren, MI 48088

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- = Pond/Basin
- ~ = Swale/Stormwater Conveyance Channel
- = Underground Detention System



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| Tower High School and Maintenance Garage Complex                                                                    |  | Revision Date: | 12/14/2022   |
| Warren Woods Public Schools                                                                                         |  | Drawn by:      | JLP          |
|                                                                                                                     |  | Reviewed:      | AP           |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:        | 1 of 4       |
|                                                                                                                     |  | Scale:         | Not to Scale |



Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Harrington Drain of the  
Clinton River  
WWTH-05.CB.DP  
42.500805  
-82.975172

Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Harrington Drain of the  
Clinton River  
WWTH-01.MH.DP  
42.500354  
-82.974852

27900 Bunert Road, Warren, MI 48088

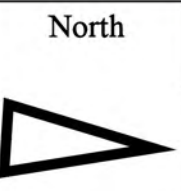
Tower High School and Maintenance  
Garage Complex

Warren Woods Public Schools

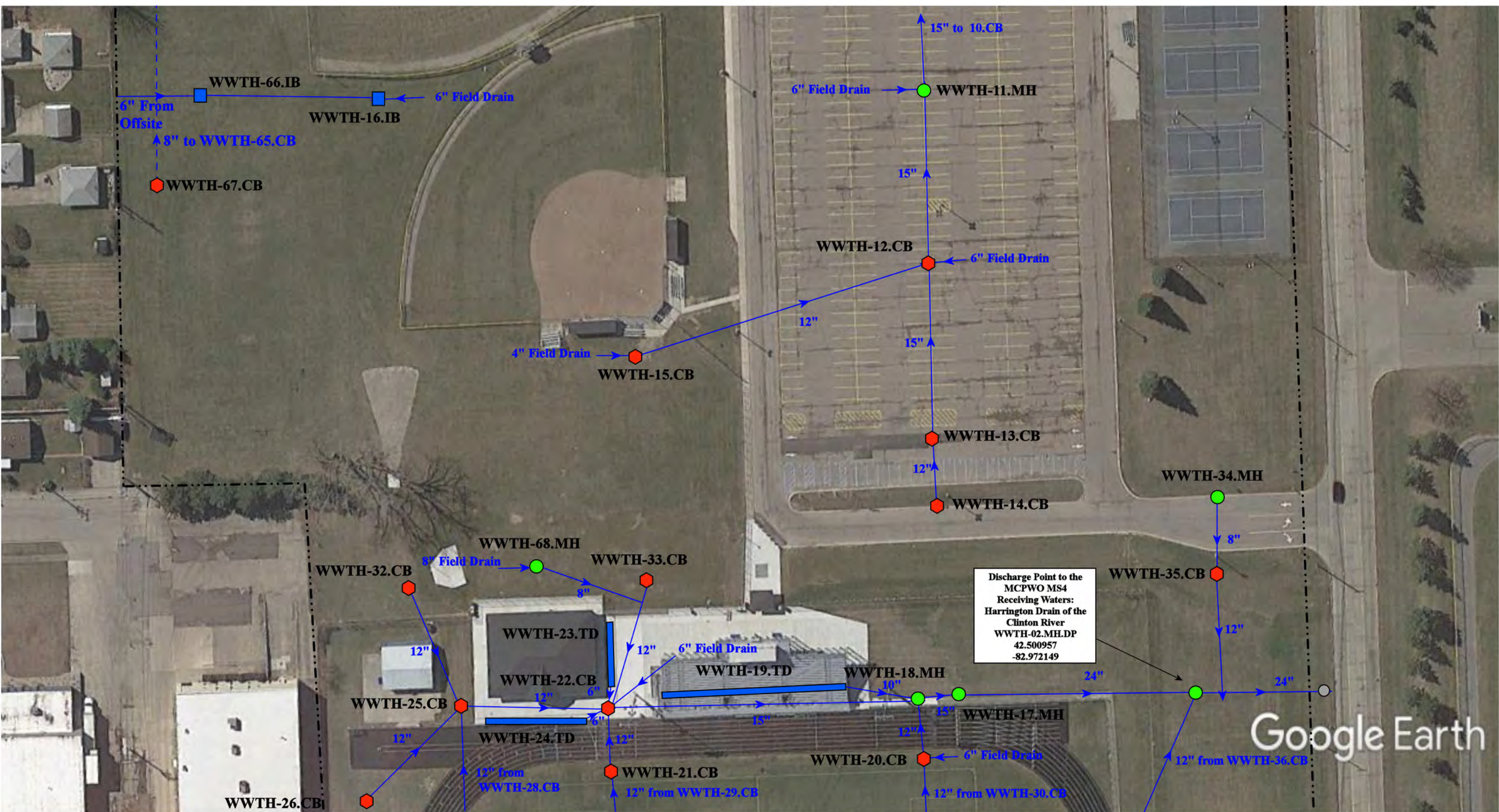


37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

- = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ▭ = Pond/Basin
- ▭ = Swale/Stormwater Conveyance Channel
- ▭ = Underground Detention System



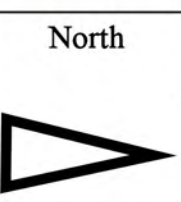
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|-----------------|--------------|
| Revision Date : | 12/14/2022   |
| Drawn by:       | JLP          |
| Reviewed:       | AP           |
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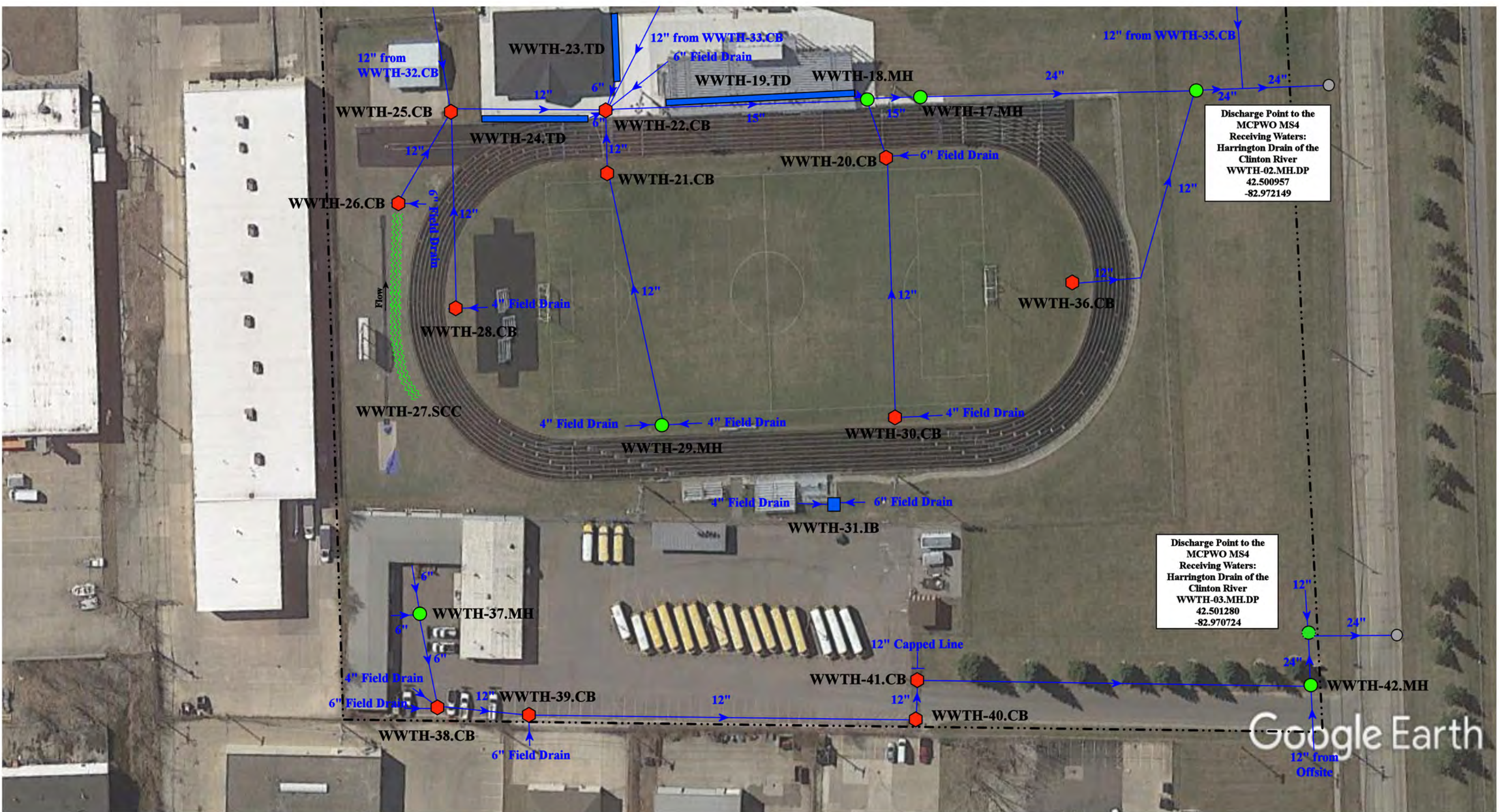
Discharge Point to the  
MCPWO MS4  
Receiving Waters:  
Harrington Drain of the  
Clinton River  
WWTH-02.MH.DP  
42.500957  
-82.972149

Google Earth

- ⬡ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ▲ = Drainage Receptor
- ▬ = Trench Drain
- ▬ = Property Lines
- = Buried Structure
- = Stabilized Outlet
- = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ▬ = Pond/Basin
- ▬ = Swale/Stormwater
- ▬ = Conveyance Channel
- ▬ = Underground Detention System



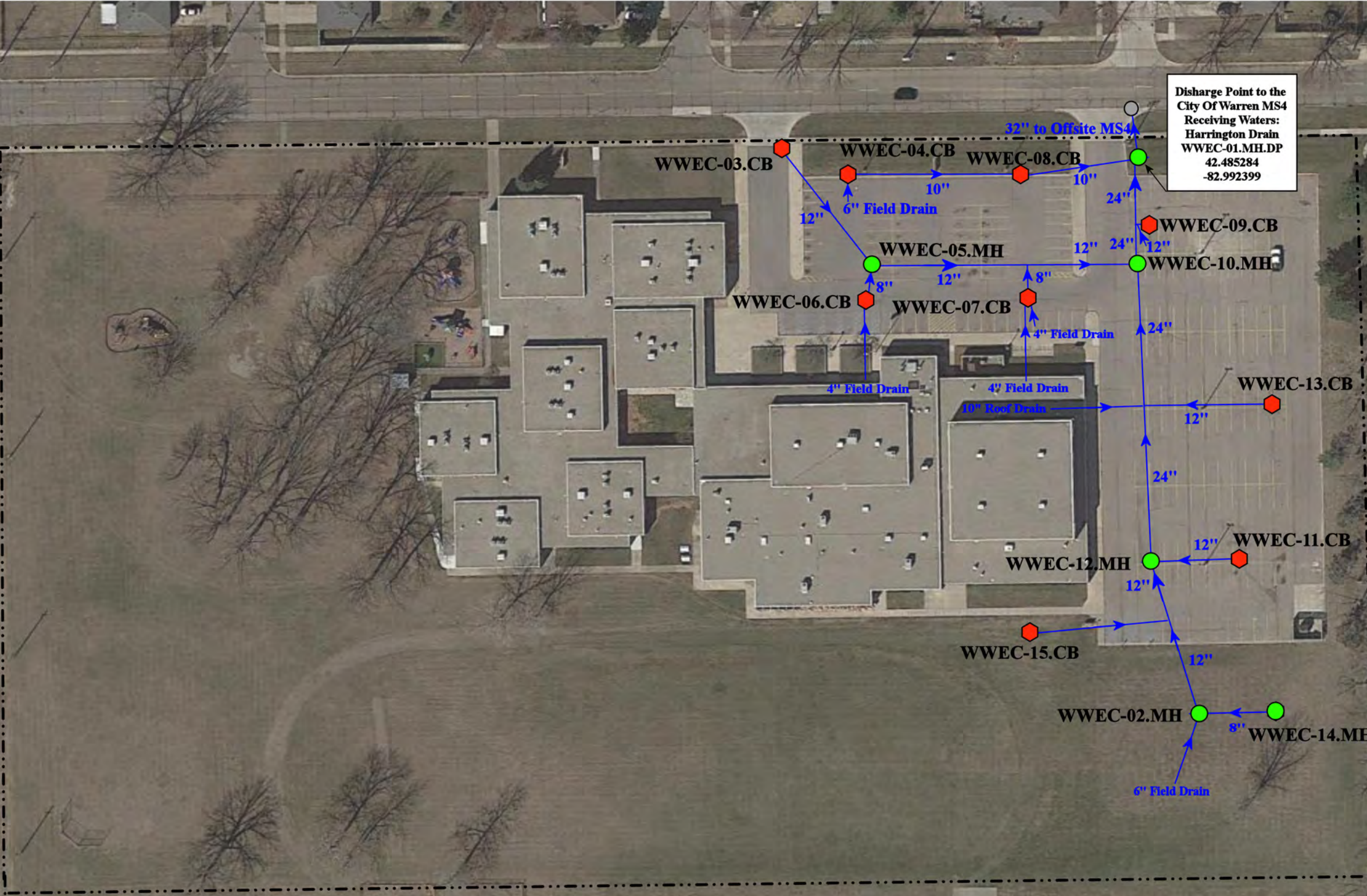
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| 27900 Bunert Road, Warren, MI 48088                                                                                 |  |                    |              |
| Tower High School and Maintenance<br>Garage Complex                                                                 |  | Revision<br>Date : | 12/14/2022   |
| Warren Woods Public Schools                                                                                         |  | Drawn by:          | JLP          |
|                                                                                                                     |  | Reviewed:          | AP           |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Page #:            | 3 of 4       |
|                                                                                                                     |  | Scale:             | Not to Scale |



- ◆ = Catch Basin
- = Manhole
- = Basin Drain
- = Offsite MS4
- = Sanitary
- = Infiltration Basin
- ▲ = Open Pipe Outlet
- ◆ = Drainage Receptor
- = Trench Drain
- - - = Property Lines
- ◆ = Buried Structure
- ◆ = Stabilized Outlet
- ◆ = Flow Splitter
- ⊗ = Hydrodynamic Separator
- ▭ = Pond/Basin
- ▭ = Swale/Stormwater
- ▭ = Conveyance Channel
- ▭ = Underground Detention System



|                                                                                                                     |  |                |              |
|---------------------------------------------------------------------------------------------------------------------|--|----------------|--------------|
| 27900 Bunert Road, Warren, MI 48088                                                                                 |  | Revision Date: | 12/14/2022   |
| Tower High School and Maintenance Garage Complex                                                                    |  | Drawn by:      | JLP          |
| Warren Woods Public Schools                                                                                         |  | Reviewed:      | AP           |
|                                                                                                                     |  | Page #:        | 4 of 4       |
| <small>37720 Interchange Drive<br/>Farmington Hills, MI 48335<br/>Phone: 248-426-0165<br/>Fax: 248-427-0305</small> |  | Scale:         | Not to Scale |



Discharge Point to the  
City Of Warren MS4  
Receiving Waters:  
Harrington Drain  
WWEC-01.MH.DP  
42.485284  
-82.992399

Google Earth

12900 Frazho Road, Warren, MI 48089

Warren Woods Early Childhood Center

Warren Woods Public Schools



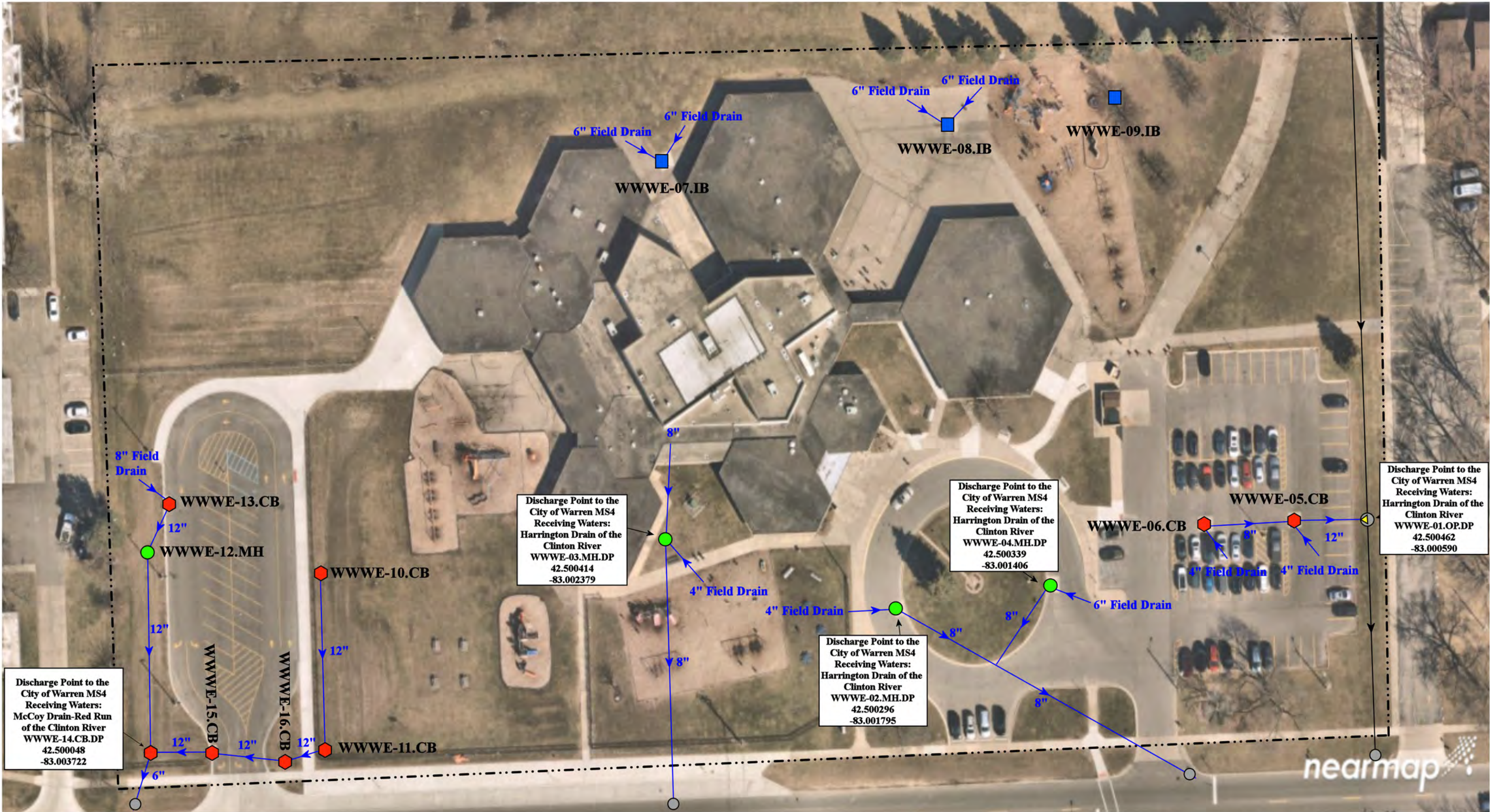
37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

-  = Catch Basin
-  = Manhole
-  = Offsite MS4
-  = Property Lines



|                 |              |
|-----------------|--------------|
| Revision Date : | 9/22/2021    |
| Drawn by:       | WM           |
| Reviewed:       | KD           |
| Page #:         | 1 of 1       |
| Scale:          | Not to Scale |





- = Catch Basin
- = Infiltration Basin
- = Buried Structure
- = Pond/Basin
- = Manhole
- ▲ = Open Pipe Outlet
- = Stabilized Outlet
- = Swale/Stormwater
- = Basin Drain
- = Drainage Receptor
- = Flow Splitter
- = Conveyance Channel
- = Offsite MS4
- = Trench Drain
- = Hydrodynamic Separator
- = Sanitary
- = Property Lines
- = Underground Detention System



11999 Martin Road, Warren, Michigan 48093

## Westwood Elementary School

Warren Woods Public Schools

environmental group

37720 Interchange Drive  
Farmington Hills, MI 48335  
Phone: 248-426-0165  
Fax: 248-427-0305

|                |              |
|----------------|--------------|
| Revision Date: | 12/18/2022   |
| Drawn by:      | JLP          |
| Reviewed:      | LK           |
| Page #:        | 1 of 1       |
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# Appendix B

## Enforcement Policies and Tracking Forms



District Illicit Discharge/Illegal Dumping Reporting Form  
MISD and Nested Districts

Date: \_\_\_\_\_ Time \_\_\_\_\_

Inspectors: \_\_\_\_\_

**I. ORIGIN OF REPORT**

**1. Describe the reason for conducting the investigation.**

- Illicit Discharge Inspection (Routine)       Facility Staff  
 Citizen Complaint  
 Other \_\_\_\_\_

**II. SOURCE**

**1. Describe location of source of discharge (company name, address, cross streets, physical features, etc.)**

\_\_\_\_\_  
\_\_\_\_\_

**2. Describe the Source:**

- Residential       Transportation Facility  
 Construction Site       Custodial  
 Other \_\_\_\_\_

**3. Facility of the Source:**

\_\_\_\_\_  
\_\_\_\_\_

**III. TYPE**

**1. Describe the type of material discharged:**

- Sanitary Leak/Spill       Paint Discharge  
 Dumpster Discharge       Cleaning Discharge  
 Unhardened Cement Discharge       Paint Discharge  
 Vehicle Repair       Vehicle Washing  
 Grey Water Discharge       Landscape Material Dumping  
 Cooling Water Discharge       Allowable Discharge  
 Other \_\_\_\_\_

Provide Additional Information: \_\_\_\_\_  
\_\_\_\_\_

**2. Other Sources:**

- Illicit Connection  
 Construction Site  
 Other \_\_\_\_\_

**IV. FOLLOW-UP AND ENFORCEMENT ACTIVITIES**

**1. Describe Corrective Actions:** \_\_\_\_\_  
\_\_\_\_\_

**2. Describe Enforcement Action:**

- None/Incident Resolved       Verbal Notice  
 Administrative Action       Cleaning Discharge

**3. Date Resolved:** \_\_\_\_\_

**4. Responsible Party**

**Signature:** \_\_\_\_\_

# Stormwater Management – Illicit Discharge Regulatory Policy

MISD and Nested Districts

Permit Number: MI0060269

Issue date: October 1, 2023

This illicit discharge regulatory policy was developed as a regulatory policy for prevention of pollution from storm water runoff and to protect the quality of the waters of the State of Michigan through the regulation of non-stormwater discharges to the municipal separate storm sewer system (MS4) to the maximum extent practicable as required by federal and state law. This regulatory mechanism establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit through the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The objectives of the regulatory mechanism are:

1. To regulate the contribution of pollutants to the MS4 by stormwater discharges by any user.
2. To prohibit illicit connections and discharges into the MS4.
3. To establish authority to investigate, inspect, and monitor suspected illicit discharges.

District properties include all MISD and Nested Districts' properties.

---

**Illicit Discharge** means any discharge to, or seepage into the separate stormwater drainage system that is not composed entirely of stormwater or uncontaminated groundwater except discharges pursuant to an NPDES permit.

**Illicit Connection** means a physical connection to the MS4 separate stormwater system that primarily conveys non-stormwater discharges other than uncontaminated groundwater into the MS4 separate storm sewer system; or a physical connection not authorized or permitted by the local authority, where a local authority requires authorization or a permit for physical connections.

## Prohibitions of Illicit Discharges

---

1. Prohibition of Illicit Discharges:
  - a. MISD and Nested Districts prohibits the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants.
  - b. No person shall throw, drain, or otherwise discharge, cause, or allow others under its control to throw, drain, or otherwise discharge into the MS4 any pollutants or waters containing any pollutants, other than stormwater.
2. The following discharge is **not prohibited**:
  - a. This policy excludes prohibitions from the discharge or flows from firefighting activities to the MISD and Nested Districts MS4. Discharge or flows from firefighting activities will be

addressed only if they are identified as significant sources of pollutants to surface waters of the state.

- b. The following activities are **not prohibited** under this policy unless they are determined to be significant sources of pollutants to surface waters of the state:
- Water line flushing and discharges from potable water sources.
  - Landscape irrigation runoff, lawn water runoff, and irrigation waters.
  - Diverted stream flows and flows from riparian habitats and wetlands.
  - Rising groundwater and springs.
  - Uncontaminated groundwater infiltration and seepage.
  - Uncontaminated pumped groundwater, except groundwater cleanups specifically authorized by NPDES permits.
  - Air conditioning condensation.

## **Prohibition of Illicit Connections**

---

1. The construction, use, maintenance or continued existence of illicit connections to the MS4 is prohibited.
2. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.
3. A person is considered to be in violation of this regulatory mechanism if the person connects a line conveying sewage to the MS4 or allows such a connection to continue.
4. Improper connections in violation of this regulatory mechanism must be disconnected and redirected.
5. Illicit discharge and connections will be eliminated immediately.

## **Enforcement**

---

The District Stormwater Program Manager will administer and enforce the stormwater management program, including investigate, inspect, and monitor suspected illicit discharges or illicit connections.

**If you witness or think a discharge is taking place, please contact:**

1. **The Stormwater Program Manager, or**
2. **REPORT A POLLUTER – 24-Hour Toll Free Water Pollution Hotline at 1-877-679-4337**

# Stormwater Management - Post-Construction Policy & Procedure

MISD and Nested Districts

Permit Number: MI0060269

Issue date: October 1, 2023

**Applies To:** As required by the National Pollutant Discharge Elimination System (NPDES) permit for MISD and Nested Districts, the scope of this Guideline includes all development and redevelopment projects on District properties that involve either:

- a. earth disturbance of one (1) acre or greater,  
**OR**
- b. earth disturbance of less than one (1) acre, but which are part of a larger common plan of development or sale that would disturb one (1) acre or more.

---

## Post-Construction Requirements Policy Statement

---

MISD and Nested Districts development and redevelopment projects on District property are regulated under and must comply with the MISD and Nested Districts NPDES permit for stormwater discharges, as issued by the Michigan Department of Environment, Great Lakes and Energy (EGLE). The Stormwater Management Post-Construction Requirements Guideline has been developed to provide guidance regarding responsibilities and actions to meet the NPDES permit conditions for development and redevelopment projects on district owned properties.

## Post-Construction Plan for Stormwater Management

---

The post-construction plan for stormwater management on regulated sites **must** include:

- A minimum treatment volume standard to address water quality impacts.
- Channel protection criteria to address resource impairment resulting from flow volumes and rates.
- Review sites with known soil and/or groundwater contamination, including potential “hot spots” and evaluate the use of infiltration BMPs to meet water quality treatment and channel protection criteria to ensure that infiltration BMPs do not exacerbate existing conditions. Hot spots include areas with the potential for significant pollutant loading such as vehicle service and maintenance facilities, vehicle equipment cleaning facilities, fleet storage areas for buses, and outdoor liquid container storage.
- Drawings showing the location of stormwater control measures and the storm system.
- Details on the proposed stormwater control measures.
- Operation & Maintenance (O&M) requirements.
- Supporting information
  - Calculations used for designing all components of the stormwater management systems.
  - Total Suspended Solids (TSS) design removal rates and supporting manufacturer documentation, if applicable.

- Geotechnical report including soil boring and infiltration test data.

The project team [Architecture, Engineering & Construction, Other Project Manager, Project Developer and/or Contractors] shall develop the post-construction plan for stormwater management in accordance with this guideline and the NPDES permit.

### ***Water Quality Treatment Volume Standard***

The minimum treatment volume standard **must** be either:

- Treat the first one (1) inch of runoff from the entire site.  
**OR**
- Treat the runoff generated from ninety percent (90%) of all runoff-producing storms for the project site, as summarized in MDEQ's memo dated March 24, 2006  
[https://www.michigan.gov/documents/deq/wrd-hsu-ninety-percent\\_557709\\_7.pdf](https://www.michigan.gov/documents/deq/wrd-hsu-ninety-percent_557709_7.pdf)

### ***Total Suspended Solids***

The treatment methods must be designed on a site-specific basis to achieve the following:

- A minimum of eighty percent (80%) removal of total suspended solids (TSS), as compared with uncontrolled runoff.  
**OR**
- Discharge concentrations of TSS not to exceed 80 milligrams per liter (80mg/L).

A minimum treatment volume standard is not required where site conditions are such that TSS concentrations in storm water discharges will not exceed 80mg/L.

### ***Channel Protection Criteria***

The channel protection criteria must maintain post-development site runoff volume and peak flow rate at or below existing levels for all storms up to the 2-year, 24-hour event. "Existing levels" means the runoff volume and peak flow rate for the last land use prior to the planned new development or redevelopment. More restrictive channel protection criteria may be utilized on a case-by-case basis, as appropriate.

### ***Site Plan Review***

This policy is to establish a requirement to submit a site plan for review as required by the EGLE NPDES Stormwater Discharge Permit and ensure that water quality objectives, erosion and sediment control requirements, and BMP maintenance are considered to the maximum extent practicable.

MISD and Nested Districts shall evaluate proposed construction activities to determine:

- If the activity meets the criteria of a development or redevelopment project with an earth disturbance greater than or equal to 1 acre, or part of a common plan of development resulting in a development or redevelopment activity greater than or equal to 1 acre in size.
- Does the development or redevelopment project discharge to waters of the state, or to a county, city, or township MS4.

If the development or redevelopment project discharges directly to waters of the state, MISD and Nested Districts shall comply with the post-construction standards outlined in this SWMP.



If the development or redevelopment project discharges to a regulated county, city, or township MS4, MISD and Nested Districts shall submit the site plan for review and approval. Site plan approval by the county, city, or township of an equivalent post-construction standard ensures acceptable compliance with the MISD and Nested Districts NPDES MS4 Stormwater Discharge Permit. MISD and Nested Districts shall obtain and maintain a copy of the site plan approval *document*.

If the development or redevelopment project discharges to a county, city, or township MS4 that is not regulated or require site plan review, MISD and Nested Districts shall comply with the post-construction standards outlined in this SWMP.

### ***Operations & Maintenance Plans***

All structural and vegetative stormwater control measures installed as a requirement under this section of the permit shall include a plan for maintaining maximum design performance through long-term operation and maintenance.

### **Enforcement**

---

The MISD and Nested Districts Stormwater Program Manager will administer and enforce the stormwater management program, including maintaining procedures, guidance, information, etc. to aid district staff and contractors in complying with the post-construction requirements for stormwater management.

**Macomb Intermediate School District  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Macomb Intermediate School District owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Macomb Intermediate School District has applied for and received permit coverage to discharge stormwater from Macomb Intermediate School District facilities to the MS4; and

**WHEREAS** Macomb Intermediate School District agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Macomb Intermediate School District has developed a Stormwater Management Program Plan (SWMP) outlining the procedures and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Macomb Intermediate School District to develop procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Macomb Intermediate School District agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Macomb Intermediate School District agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Macomb Intermediate School District agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Macomb Intermediate School District agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Macomb Intermediate School District agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Macomb Intermediate School District agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Macomb Intermediate School District agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Macomb Intermediate School District Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance


of structural controls as part of the overall Macomb Intermediate School District Stormwater Management Program Plan.

Duly passed and approved by the Macomb Intermediate School District Board of Education, Macomb, Michigan this 8<sup>th</sup> day of March.

**Approved:**

  
\_\_\_\_\_  
President

**Attest:**

  
\_\_\_\_\_  
Secretary

**Anchor Bay School District  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Anchor Bay School District owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Anchor Bay School District has applied for and received permit coverage to discharge stormwater from Anchor Bay School District facilities to the MS4; and

**WHEREAS** Anchor Bay School District agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements; and

**WHEREAS** Anchor Bay School District has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements; and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Anchor Bay School District to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges; and

**WHEREAS** Anchor Bay School District agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants; and

**WHEREAS** Anchor Bay School District agrees to eliminate illicit discharges and illicit connections; and

**WHEREAS** Anchor Bay School District agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection; and

**WHEREAS** Anchor Bay School District agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres; and

**WHEREAS** Anchor Bay School District agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres; and

**WHEREAS** Anchor Bay School District agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff; and

**WHEREAS** Anchor Bay School District agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Anchor Bay School District Board of Education hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Anchor Bay School District Stormwater Management Program Plan.

Duly passed and approved by the Anchor Bay School District Board of Education, Macomb/St. Clair County, Michigan this 14<sup>th</sup> day of Dec.

Approved:



President

Attest:



Secretary

**CLINTONDALE COMMUNITY SCHOOLS**  
**BOARD OF EDUCATION**  
Board of Education  
**Resolution in Support of Stormwater Management Plan**

**WHEREAS** Clintondale Community Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Clintondale Community Schools has applied for and received permit coverage to discharge stormwater from Clintondale Community Schools facilities to the MS4; and

**WHEREAS** Clintondale Community Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Clintondale Community Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Clintondale Community Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Clintondale Community Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Clintondale Community Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Clintondale Community Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Clintondale Community Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Clintondale Community Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

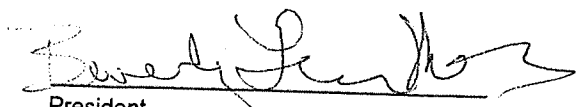
**WHEREAS** Clintondale Community Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Clintondale Community Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

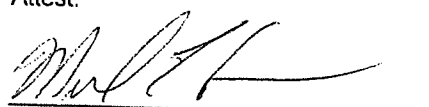
**THEREFORE**, be it resolved that the Clintondale Community Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Clintondale Community Schools Stormwater Management Program Plan.

Duly passed and approved by the Clintondale Community Schools Board of Education, Macomb, Michigan this 12<sup>th</sup> day of December, 2022

Approved:

  
\_\_\_\_\_  
President

Attest:

  
\_\_\_\_\_  
Secretary

**Center Line Public Schools Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Center Line Public Schools (CLPS) owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** CLPS has applied for and received permit coverage to discharge stormwater from CLPS facilities to the MS4; and

**WHEREAS** CLPS agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** CLPS has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require <DIST ICT> to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** CLPS agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** CLPS agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** CLPS agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** CLPS agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** CLPS agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** CLPS agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** CLPS agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

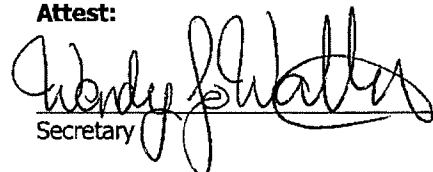
**THEREFORE**, be it resolved that the CLPS Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the *above* listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall CLPS Stormwater Management Program Plan.

Duly passed and approved by the CLPS Board of Education, Macomb County, Michigan this 13<sup>th</sup> day of February, 2023.

**Approved:**

  
\_\_\_\_\_  
President

**Attest:**

  
\_\_\_\_\_  
Secretary

**Chippewa Valley Schools**  
**Board of Education**  
**Resolution in Support of Stormwater Management Plan**

A regular meeting of the Board of Education of Chippewa Valley School District was held in the Administration Building on 14<sup>th</sup> day of November 2022, at 6:30 p.m.

The meeting was called to order at 6:30 p.m., by Vice President, Aquino

Present: Members Aquino, Pearl, Pyden, Sobah and Wojtowicz

Absent: Members Bednard and DeMuynck Zech (Excused)

The following preamble and resolution were offered by Member Pearl  
and supported by Member Sobah.

**WHEREAS** Chippewa Valley Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Chippewa Valley Schools has applied for and received permit coverage to discharge stormwater from facilities to the MS4; and

**WHEREAS** Chippewa Valley Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Chippewa Valley Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Chippewa Valley Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Chippewa Valley Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Chippewa Valley Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Chippewa Valley Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Chippewa Valley Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Chippewa Valley Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and



**WHEREAS** Chippewa Valley Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Chippewa Valley Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Chippewa Valley Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters though discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Chippewa Valley Schools Stormwater Management Program Plan.

Duly passed and approved by the Chippewa Valley Schools Board of Education, Macomb, Michigan this 14<sup>th</sup> day of November 2022.

Ayes. Members: Aquino, Pearl, Pyden, Sobah and Wojtowicz

Nays. Members: None

Resolution declared adopted

  
Secretary, Board of Education

The undersigned, duly qualified and acting Secretary of the Board of Education of Chippewa Valley Schools, hereby certifies that the foregoing constitutes a true and complete copy of a resolution adopted by said Board of Education at a Regular meeting held on November 14, 2022, the original of which is part of the Board's minutes. The undersigned further certifies that notice of the meeting was given to the public pursuant to the provisions of the "Open Meetings Act" (1976 PA 267, as amended).

  
Secretary, Board of Education

**Eastpointe Community Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Eastpointe Community Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Eastpointe Community Schools has applied for and received permit coverage to discharge stormwater from Eastpointe Community Schools facilities to the MS4; and

**WHEREAS** Eastpointe Community Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Eastpointe Community Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Eastpointe Community Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Eastpointe Community Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Eastpointe Community Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Eastpointe Community Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Eastpointe Community Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Eastpointe Community Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Eastpointe Community Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Eastpointe Community Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

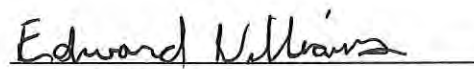
**THEREFORE**, be it resolved that the Eastpointe Community Schools Board of Education is highly committed to practicing sound environmental principles including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Eastpointe Community Schools Stormwater Management Program Plan.

Duly passed and approved by the Eastpointe Community Schools Board of Education, Eastpointe, Michigan, this 9th day of January, 2023.

**Approved:**

**Attest:**

  
Jon S. Gruenberg, President

  
Edward Williams, Secretary

**Fitzgerald Public Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Fitzgerald Public Schools owns and operates facilities within the boundaries of the “Detroit” urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Fitzgerald Public Schools has applied for and received permit coverage to discharge stormwater from Fitzgerald Public Schools facilities to the MS4; and

**WHEREAS** Fitzgerald Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Fitzgerald Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Fitzgerald Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Fitzgerald Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Fitzgerald Public Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Fitzgerald Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Fitzgerald Public Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Fitzgerald Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

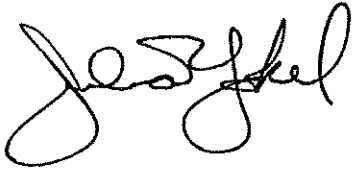
**WHEREAS** Fitzgerald Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Fitzgerald Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Fitzgerald Public Schools Board of Education is highly committed to practicing sound environmental principles including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Fitzgerald Public Schools Stormwater Management Program Plan.

Duly passed and approved by the Fitzgerald Public Schools Board of Education, Macomb, Michigan this 9th day of January 2023..

Approved:



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President

Attest:



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Secretary

**Fraser Public Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Fraser Public Schools owns and operates facilities within the boundaries of the “Detroit” urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Fraser Public Schools has applied for and received permit coverage to discharge stormwater from Fraser Public Schools facilities to the MS4; and

**WHEREAS** Fraser Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Fraser Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Fraser Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Fraser Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Fraser Public Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Fraser Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Fraser Public Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Fraser Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

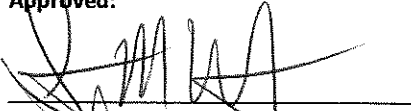
**WHEREAS** Fraser Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Fraser Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Fraser Public Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Fraser Public Schools Stormwater Management Program Plan.

Duly passed and approved by the Fraser Public Schools Board of Education, Macomb County, Michigan this 21st day of November, 2022.

**Approved:**



Scott Wallace, President

**Attest:**



Linda Corbat, Secretary

**Lakeview Public Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Lakeview Public Schools owns and operates facilities within the boundaries of the “Detroit” urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Lakeview Public Schools has applied for and received permit coverage to discharge stormwater from Lakeview Public Schools facilities to the MS4; and

**WHEREAS** Lakeview Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Lakeview Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Lakeview Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Lakeview Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Lakeview Public Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Lakeview Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Lakeview Public Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Lakeview Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Lakeview Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Lakeview Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Lakeview Public Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Lakeview Public Schools Stormwater Management Program Plan.



Duly passed and approved by the Lakeview Public Schools Board of Education, Macomb County, Michigan this  
15<sup>th</sup> day of NOV.

Approved:

  
\_\_\_\_\_  
President

Attest:

  
\_\_\_\_\_  
Secretary

**L'Anse Creuse Public Schools Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** L'Anse Creuse Public Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** L'Anse Creuse Public Schools has applied for and received permit coverage to discharge stormwater from L'Anse Creuse Public Schools facilities to the MS4; and

**WHEREAS** L'Anse Creuse Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** L'Anse Creuse Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require L'Anse Creuse Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** L'Anse Creuse Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** L'Anse Creuse Public Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** L'Anse Creuse Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** L'Anse Creuse Public Schools > agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** L'Anse Creuse Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

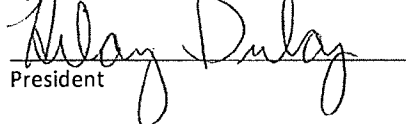
**WHEREAS** L'Anse Creuse Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** L'Anse Creuse Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

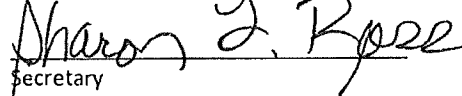
**THEREFORE**, be it resolved that the L'Anse Creuse Public Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall L'Anse Creuse Public Schools Stormwater Management Program Plan.

Duly passed and approved by the L'Anse Creuse Public Schools Board of Education, Macomb County, Michigan this 23rd day of January 2023.

Approved:

  
\_\_\_\_\_  
President

Attest:

  
\_\_\_\_\_  
Secretary

**Lake Shore Public Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

WHEREAS Lake Shore Public Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

WHEREAS The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

WHEREAS Lake Shore Public Schools has applied for and received permit coverage to discharge stormwater from Lake Shore Public Schools facilities to the MS4; and

WHEREAS Lake Shore Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

WHEREAS Lake Shore Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

WHEREAS the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Lake Shore Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

WHEREAS Lake Shore Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

WHEREAS Lake Shore Public Schools agrees to eliminate illicit discharges and illicit connections, and

WHEREAS Lake Shore Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

WHEREAS Lake Shore Public Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

WHEREAS Lake Shore Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

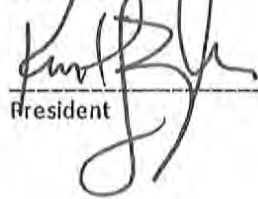
WHEREAS Lake Shore Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

WHEREAS Lake Shore Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

THEREFORE, be it resolved that the Lake Shore Public Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Lake Shore Public Schools Stormwater Management Program Plan.

Duly passed and approved by the Lake Shore Public Schools Board of Education, Macomb County, Michigan this 27 day of FEBRUARY

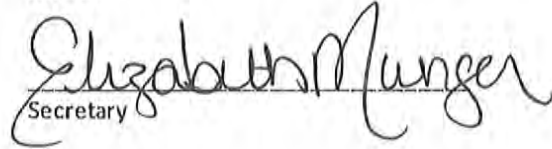
Approved:



\_\_\_\_\_

President

Attest:



\_\_\_\_\_

Secretary

**Macomb Community College**  
**Administrative Support of Stormwater Management Plan**

**WHEREAS** Macomb Community College owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Macomb Community College has applied for and received permit coverage to discharge stormwater from Macomb Community College facilities to the MS4; and

**WHEREAS** Macomb Community College agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Macomb Community College has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Macomb Community College to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Macomb Community College agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Macomb Community College agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Macomb Community College agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Macomb Community College agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

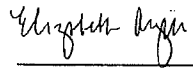
**WHEREAS** Macomb Community College agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Macomb Community College agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Macomb Community College agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Administration of Macomb Community College is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Administration hereby approves and instructs the Executive Director of Facilities and Operations to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Macomb Community College Stormwater Management Program Plan.

**Approved:**



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Elizabeth Argiri  
Executive Vice President for Business  
Macomb Community College

**Mount Clemens Community School District  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Mount Clemens Community School District owns and operates facilities within the boundaries of the “Detroit” urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Mount Clemens Community School District has applied for and received permit coverage to discharge stormwater from Mount Clemens Community School District facilities to the MS4; and

**WHEREAS** Mount Clemens Community School District agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Mount Clemens Community School District has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Mount Clemens Community School District to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Mount Clemens Community School District agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Mount Clemens Community School District agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Mount Clemens Community School District agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Mount Clemens Community School District agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Mount Clemens Community School District agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Mount Clemens Community School District agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Mount Clemens Community School District agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Mount Clemens Community School District Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Mount Clemens Community School District Stormwater Management Program Plan.

Duly passed and approved by the Mount Clemens Community Schools Board of Education, Macomb County, Michigan  
this 21st day of December, 2022

Approved:



Earl Rickman

President

Attest:



Jason Monk

Secretary



**New Haven Community Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** New Haven Community Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** New Haven Community Schools has applied for and received permit coverage to discharge stormwater from New Haven Community Schools facilities to the MS4; and

**WHEREAS** New Haven Community Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** New Haven Community Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require New Haven Community Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** New Haven Community Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** New Haven Community Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** New Haven Community Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** New Haven Community Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** New Haven Community Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** New Haven Community Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and


**WHEREAS** New Haven Community Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the New Haven Community Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and

maintenance of structural controls as part of the overall New Haven Community Schools Stormwater Management Program Plan.

Duly passed and approved by the New Haven Community Schools Board of Education, Macomb, Michigan this 14th day of November, 2022.

**Approved:**

  
\_\_\_\_\_  
President – Tanya France

**Attest:**

  
\_\_\_\_\_  
Secretary – Regina Patton



**Romeo Community Schools**  
***Board of Education - Volume 56, Resolution #8***  
**Resolution in Support of Stormwater Management Plan**

**WHEREAS** Romeo Community Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Romeo Community Schools has applied for and received permit coverage to discharge stormwater from Romeo Community Schools facilities to the MS4; and

**WHEREAS** Romeo Community Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Romeo Community Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Romeo Community Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Romeo Community Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Romeo Community Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Romeo Community Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Romeo Community Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Romeo Community Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Romeo Community Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Romeo Community Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Romeo Community Schools Board of Education is highly committed to practicing sound environmental principles including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and

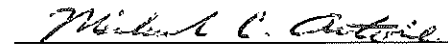
maintenance of structural controls as part of the overall Romeo Community Schools Stormwater Management Program Plan.

Duly passed and approved by the Romeo Community Schools Board of Education, Macomb County, Michigan this 9th day of January, 2023.

Approved:

  
President

Attest:

  
Secretary

**Roseville Community Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS has applied for and received permit coverage to discharge stormwater from ROSEVILLE COMMUNITY SCHOOLS facilities to the MS4; and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require ROSEVILLE COMMUNITY SCHOOLS to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** ROSEVILLE COMMUNITY SCHOOLS agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the ROSEVILLE COMMUNITY SCHOOLS Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters though discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall ROSEVILLE COMMUNITY SCHOOLS Stormwater Management Program Plan.

Duly passed and approved by the ROSEVILLE COMMUNITY SCHOOLS Board of Education, MACOMB, Michigan this 9th day of January, 2023.

**Approved:**

*Shereen Hines*

\_\_\_\_\_  
President

**Attest:**

  
\_\_\_\_\_  
Secretary

**RESOLUTION**

**Stormwater Management Plan**

At a regular meeting of the Board of Education of Utica Community Schools, Macomb County, Michigan (the "School District"), held at 14201 Canal Rd, Sterling Heights, Michigan, on the 17th day of April, 2023, at 7:00 p.m., Local Time

Members Present: Thomas, Nesovski, Templeton, Rankin, Becker,  
Meyer, Fitzpatrick

Members Absent: None

The following preamble and resolution were offered by Member Rankin  
and Supported by Member Fitzpatrick.

**WHEREAS** Utica Community Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan and has applied for and received permit coverage to discharge stormwater to the MS4; and

**WHEREAS** the conditions of the National Pollution Discharge Elimination System (NPDES) MS4 discharge permit require Utica Community Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges; and

**WHEREAS** Utica Community Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants; and

**WHEREAS** Utica Community Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system including, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection; and

**WHEREAS** Utica Community Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres; and

**WHEREAS** Utica Community Schools agrees to obtain an NPDES construction site stormwater permit from the Michigan Department of Environment Great Lakes and Energy for new development and redevelopment projects that disturb five or more acres; and

**WHEREAS** Utica Community Schools agrees to use post-construction stormwater run-off controls as necessary to maintain or restore stable hydrology in receiving waters by limiting surface runoff rates and volumes and reducing pollutant loadings from sites that undergo development or significant redevelopment.

**NOW THEREFORE, IT IS RESOLVED:** that Utica Community Schools will enforce the above listed policies and procedures for illicit discharge elimination and control of stormwater runoff as part of the overall Stormwater Management Program Plan.

AYES: Members Fitzpatrick, Becker, Templeton, Nesovski,

Meyer, Rankin, Thomas

NAYS: Members None

ABSTAIN: Members None

**RESOLUTION DECLARED ADOPTED**

**CERTIFICATION**

I hereby certify that the above Resolution is a true and correct copy of a Resolution made and adopted by the Board of Education of Utica Community Schools at its regular meeting held on

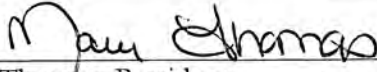


April 17, 2023.

Kelli Rankin

KELLI RANKIN, SECRETARY  
BOARD OF EDUCATION  
UTICA COMMUNITY SCHOOLS



RESOLUTION DECLARED ADOPTED.

|                                                                                   |
|-----------------------------------------------------------------------------------|
|  |
| Dr. Mary Thomas, President<br>Board of Education                                  |
|  |
| Kelli Rankin, Secretary<br>Board of Education                                     |
|  |
| Robert S. Monroe<br>Superintendent of Schools                                     |

April 17, 2023

**VAN DYKE PUBLIC SCHOOLS**  
**Board of Education**  
**Resolution in Support of Stormwater Management Plan**

**WHEREAS** Van Dyke Public Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Van Dyke Public Schools has applied for and received permit coverage to discharge storm water from Van Dyke Public Schools facilities to the MS4; and

**WHEREAS** Van Dyke Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Van Dyke Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Van Dyke Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Van Dyke Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Van Dyke Public Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Van Dyke Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Van Dyke Public Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Van Dyke Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Van Dyke Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Van Dyke Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Van Dyke Public Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Van Dyke Public Schools Stormwater Management Program Plan.

Duly passed and approved by the Van Dyke Public Schools Board of Education, Macomb County, Michigan this  
25<sup>th</sup> day of January, 2023

**Approved:**

Mark Kedzior  
President

**Attest:**

Janice B...  
Secretary

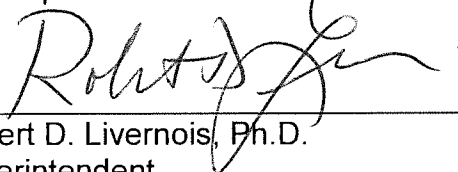
RESOLUTION

SUPPORT OF STORMWATER MANAGEMENT PLAN

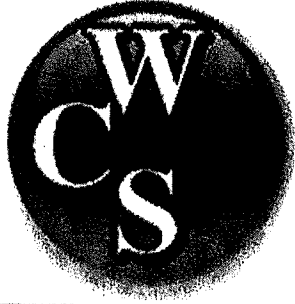
*Approved  
7.0*

Moved by *Mr. Jzunko*, supported by *Mr. White*,  
that the Board of Education accept the recommendation of the Superintendent and  
adopt the resolution in support of the Stormwater Management Plan as listed on  
the attached addendum.

The Superintendent recommends the above.



\_\_\_\_\_  
Robert D. Livernois, Ph.D.  
Superintendent



Warren Consolidated  
Schools  
**Facilities & Property  
Services**  
31950 Mound Road  
Warren, Michigan 48092  
586-698-4446 or ext. 82110  
Fax: 586-698-4457 or ext. 82906

# MEMO

TO: Dr. Robert Livernois - Superintendent

FROM: John Lettang – Executive Director of Facilities & Custodial Services

DATE: November 17, 2022

RE: Stormwater Management - Resolution

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As a consortium member of the Macomb Intermediate School District Stormwater Management Program, we are working to submit a new application for authorization to discharge water through the district's storm sewer system. (See letter from our consultant, Arch Environmental Group)

I am requesting the approval of a Resolution in Support of Stormwater Management Plan at our next regularly scheduled Board meeting.

Thank you.



[www.archenvgroup.com](http://www.archenvgroup.com)  
healthAIR - Industrial Hygiene Services  
cleanWATER - Consulting & Testing Services  
safeEARTH - Hazardous Waste & Recycling Services

October 10, 2022

RE: Stormwater Board Resolution  
April 2023 Permit Application

In 2020, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) issued individual permit number MIO060269 for the authorization to discharge water through the district's municipal separate storm sewer system (MS4) to waters of the state.

To retain the authorization to discharge, the Macomb Intermediate District and Consortium must submit a new application by April 1, 2023. To fulfill the application requirements, the permittee must submit the following:

1. An ordinance or regulatory mechanism that prohibits non-stormwater discharges into the applicant's MS4.
2. An ordinance or other regulatory mechanism to address post-construction stormwater runoff from new development and redevelopment projects, including preventing or minimizing water quality impacts.

To meet the ordinance requirements of the permit, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) will accept a Stormwater Board Resolution. A Stormwater Board Resolution is required from the permittee and each district nested under permit number MIO060269 for permit renewal.

Please have the school board review the Stormwater Board Resolution and return the passed resolution to Arch Environmental Group for submission to the EGLE.

If you have any questions, please feel free to contact me at (248) 426-0165 [office] or (734) 239-1424 [mobile].

Sincerely,

**Arch Environmental Group, Inc.**  
Environmental Services

A handwritten signature in black ink, appearing to read 'Jenna Gillmore Sendra'.

Jenna Gillmore Sendra  
Vice President of Client Relations

**DETROIT**  
(248) 426-0165  
Farmington Hills, MI

**GRAND RAPIDS**  
(616) 930-4116  
Cedar Springs, MI

**CHICAGO**  
(847) 462-9687  
Cary, IL

**Warren Consolidated Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Warren Consolidated Schools owns and operates facilities within the boundaries of the "Detroit" urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Warren Consolidated Schools has applied for and received permit coverage to discharge stormwater from Warren Consolidated Schools facilities to the MS4; and

**WHEREAS** Warren Consolidated Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Warren Consolidated Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Warren Consolidated Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Warren Consolidated Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Warren Consolidated Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Warren Consolidated Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Warren Consolidated Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Warren Consolidated Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Warren Consolidated Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Warren Consolidated Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

**THEREFORE**, be it resolved that the Warren Consolidated Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and

maintenance of structural controls as part of the overall Warren Consolidated Schools Stormwater Management Program Plan.

Duly passed and approved by the Warren Consolidated Schools Board of Education, Macomb County, Michigan this 7th day of December, 2022.

**Approved:**

Dusan G. Trombley  
President

**Attest:**

Carl W. White  
Secretary



**Warren Woods Public Schools  
Board of Education  
Resolution in Support of Stormwater Management Plan**

**WHEREAS** Warren Woods Public Schools owns and operates facilities within the boundaries of the “Detroit” urbanized area which discharges stormwater through a municipal separate storm sewer system (MS4) to surface waters of the State of Michigan; and

**WHEREAS** The Michigan Department of Environment, Great Lakes, and Energy maintains oversight and regulatory authority for compliance with the terms and conditions of the NPDES Municipal Separate Storm Sewer System discharge permit; and

**WHEREAS** Warren Woods Public Schools has applied for and received permit coverage to discharge stormwater from Warren Woods Public Schools facilities to the MS4; and

**WHEREAS** Warren Woods Public Schools agrees to comply with the NPDES Municipal Separate Storm Sewer System discharge permit requirements, and

**WHEREAS** Warren Woods Public Schools has developed a Stormwater Management Program Plan (SWMP) outlining the policies, procedures, and best management practices to be employed by the district to comply with the permit requirements, and

**WHEREAS** the conditions of the NPDES Municipal Separate Storm Sewer System discharge permit require Warren Woods Public Schools to develop policies and procedures that prohibit illicit discharges to their stormwater system and to implement appropriate enforcement procedures and actions to detect and eliminate such illicit discharges, and

**WHEREAS** Warren Woods Public Schools agrees to prohibit the discharge of non-stormwater discharges into the storm drain system, including but not limited to pollutants or waters containing any pollutants, and

**WHEREAS** Warren Woods Public Schools agrees to eliminate illicit discharges and illicit connections, and

**WHEREAS** Warren Woods Public Schools agrees to prohibit the construction, use, maintenance or continued existence of illicit connections to the storm drain system. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection, and

**WHEREAS** Warren Woods Public Schools agrees to obtain a Part 91 permit from the appropriate state, county, or local governmental soil erosion permitting agency for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Warren Woods Public Schools agrees to obtain a construction site permit from the local municipality or other governing unit for new development and redevelopment projects that disturb one or more acres, and

**WHEREAS** Warren Woods Public Schools agrees to inspect, operate, and maintain structural controls for the purpose of reducing pollutant contribution, control runoff, and decrease or eliminate stream bank erosion due to stormwater runoff, and

**WHEREAS** Warren Woods Public Schools agrees to comply with the requirements of the State of Michigan Permit (Rule 323.2190) for stormwater discharge from construction activity.

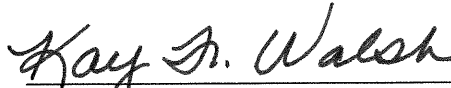
**THEREFORE**, be it resolved that the Warren Woods Public Schools Board of Education is highly committed to practicing sound environmental principals including the reduction of pollutants to surface waters through discharges of stormwater. The Board hereby approves and instructs the district Superintendent to enforce the above listed policies and procedures for illicit discharge elimination, control of stormwater runoff and long-term operation and maintenance of structural controls as part of the overall Warren Woods Public Schools Stormwater Management Program Plan.

Duly passed and approved by the Warren Woods Public Schools Board of Education, Macomb County, Michigan this 14<sup>th</sup> day of November 2022.

**Approved:**

  
\_\_\_\_\_  
President

**Attest:**

  
\_\_\_\_\_  
Secretary

# Appendix C

## CRWC Collaborative Public Education Program Documents

# **Clinton River Watershed Anchor Bay Lake St. Clair Direct Drainage**

**Collaborative Public Education Plan**

**Approved:  
March 21<sup>st</sup>, 2023**

**Submitted by the Clinton River Watershed Council on behalf of  
Macomb County, Oakland County  
and the MS4 permit holders that participate in the  
Clinton River Watershed Council's Stormwater Education Program**

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| <b>X. APPENDIX C: LETTERS OF COMMITMENT FOR SERVICES AND PROGRAMS</b>      | <b>7</b> |

## I. INTRODUCTION

This watershed wide Public Education Plan (PEP) was developed to inform the public within the Clinton River Watershed about their role in protecting water quality and preventing stormwater pollution. This plan was created by the municipalities and other partners in the Clinton River Watershed with the input of stakeholders and professionals in the environmental education field. This plan outlines the public education goals and messages that must be communicated under the requirements of the National Pollutant Discharge Elimination System (NPDES) Phase I and Phase II regulations. The PEP also describes the existing and future efforts the communities and other partners will undertake to achieve these education goals, and how these efforts will be evaluated.

## II. PARTNERS & STAKEHOLDERS

This watershed wide PEP is submitted on behalf of Macomb County, Oakland County and the MS4 permit holders that participate in the Stormwater Education Program facilitated by the Clinton River Watershed Council (CRWC). Municipal staff, county agencies, and CRWC participated in the development of the PEP. The CRWC Stormwater Education program was developed to assist communities that must comply with the NPDES Phase I or Phase II stormwater discharge regulations. Activities facilitated by CRWC, Macomb and Oakland Counties, and the MSU Extension Office will be reported on behalf of the following permit holders and their nested MS4's.

|                                  |                                  |                                     |
|----------------------------------|----------------------------------|-------------------------------------|
| Avondale School District         | City of Grosse Pointe Shores     | City of Utica                       |
| Charter Township of Chesterfield | City of Fraser                   | City of Warren                      |
| Charter Township of Clinton      | City of Harper Woods             | Independence Township               |
| Charter Township of Harrison     | City of Hazel Park               | Macomb Intermediate School District |
| Charter Township Orion           | City of Madison Heights          | Macomb Township                     |
| Charter Township of Oxford       | City of Mount Clemens            | Macomb County                       |
| Charter Township of Shelby       | City of New Baltimore            | Oakland County                      |
| Charter Township of Washington   | City of Orchard Lake Village     | Oakland University                  |
| City of Center Line              | City of Pontiac                  | Oxford Area Community Schools       |
| City of Keego Harbor             | City of Rochester                | Rochester Community Schools         |
| City of Eastpointe               | City of Rochester Hills          | Village of Lake Orion               |
| City of Fraser                   | City of Roseville                | Village of New Haven                |
| City of Grosse Pointe            | City of St. Clair Shores         | Village of Oxford                   |
| City of Grosse Pointe Farms      | City of Sterling Heights         | Village of Romeo                    |
| City of Grosse Pointe Park       | City of Sylvan Lake              |                                     |
|                                  | City of the Village of Clarkston |                                     |
|                                  | City of Troy                     |                                     |

Clinton River watershed communities, subwatershed groups, and partners agreed that approaching stormwater education on a watershed, cross-jurisdictional basis is both cost-effective and environmentally sound. The watershed approach allows the partners to share information and resources to address stormwater concerns at their source. Similarly, developing and implementing a public education program on a watershed basis provides a consistent and effective mechanism for protecting water resources across the region, while leveraging financial resources in each community.

During preparation of this PEP, various municipal staff, environmental organizations, county agencies, and the MSU Extension offices were contacted.

The following information was compiled to identify and organize existing stormwater education materials and programs:

- Existing materials or programs used to educate the public about watersheds and water quality protection (e.g. brochures, videos, displays, school programs, etc.).
- Existing audiences to target for watershed education (e.g. homeowners associations, lake associations, churches, civic groups, business associations, etc.).
- Existing communication methods that could be used to disseminate watershed education (e.g. cable access channel, email, website, newsletter, water bills, etc.).

### **III. CLINTON RIVER WATERSHED COUNCIL'S STORMWATER EDUCATION PROGRAM**

The CRWC is a nonprofit organization dedicated to protecting, enhancing, and celebrating the Clinton River, its watershed, and Lake St. Clair. For over 50 years, the CRWC has worked collaboratively with local governments, businesses, individuals, and other community groups to address water quality and land use issues in the watershed. Stormwater runoff is the leading source of pollution in the Clinton River today, thus CRWC's efforts are focused primarily on decreasing the amount of stormwater and stormwater pollution reaching our streams, rivers, and lakes. CRWC works to achieve its mission by providing education and stewardship programs to the more than 1.5 million people, 63 communities, and 4 counties in the Clinton River watershed.

Upon the request of a number of communities, CRWC developed the Stormwater Education Program to assist its members in meeting their Phase I or Phase II public education requirements. The components of the Stormwater Education Program are outlined in this PEP, along with materials and programs offered by the counties, CRWC, and MSU extension. These materials and programs will be supported and promoted by the MS4 permittees named in this PEP. In subscribing to the Stormwater Education Program, each participating entity has entered into contract with the watershed council. CRWC has agreed to provide the programs outlined in this plan.

As outlined in this PEP, CRWC's program includes the following major components:

- Education of the public and recruitment of volunteers in each subwatershed through a variety of outreach methods (presentations, workshops, websites, cable TV, print media, etc.).
- Regular volunteer training sessions and establishment of water quality monitoring sites throughout each subwatershed.
- Quarterly stormwater management forums for municipal staff, City Council members, planners, engineers, consultants, MDEQ MS4 permit staff, and other watershed stakeholders to share information and discuss topics related to stormwater management, planning, and infrastructure development.
- Coordination of other on-going education and stewardship efforts, including River Day, Weekly Clean, Clinton Clean-Up, paddling events, water festivals, Adopt-A-Stream citizen science program, the Stream Leaders student river monitoring program, and the RiverSafe LakeSafe program.

- Engage and collaborate with municipalities to promote and facilitate CRWC's WaterTowns™ place making initiative focused on connecting communities to their waterways through education, green stormwater infrastructure, history, art, and ecology.
- Development and distribution of supporting print and web-based materials.

#### **IV. GOALS & OBJECTIVES**

The goal of this PEP is to promote, publicize, and facilitate watershed education for the purpose of encouraging the public to reduce the discharge of pollutants in stormwater to the maximum extent practicable. Pollution prevention shall be encouraged.

“Public” is defined to include all persons who potentially could affect the authorized stormwater discharges, including, but not limited to, residents, visitors to the area, public employees, businesses, industries, construction contractors, and developers.

This PEP is designed to ensure that the targeted audiences (“public”) are reached with the appropriate messages for the following nine topics as required in the 2003 NPDES Phase II stormwater permit:

1. Responsibility and stewardship in their watershed.
2. The connection of MS4 catch basins, storm drains, and ditches to area waterways, and the potential impacts these could have on the surface waters of the state.
3. Public reporting of illicit discharges or improper disposal of materials in MS4s.
4. The effects and need to minimize the amount of residential or noncommercial wastes discharged into MS4s, including:
  - i. Preferred cleaning materials and procedures for car, pavement, and power washing.
  - ii. Acceptable application and disposal of pesticides, herbicides, and fertilizers.
  - iii. Proper disposal practices for grass clippings, leaf litter, and animal wastes that get flushed into MS4s and the surface waters of the state.
5. The availability, location, and requirements of facilities for disposal or drop-off of household hazardous wastes, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.
6. For property owners with septic systems, the proper septic system care and maintenance, and how to recognize system failure.
7. The benefits of using native vegetation as well as other landscape practices that enhance water quality such as rain gardens and rain barrels.
8. For permittees with riparian land owners, methods for managing riparian lands to protect water quality.
9. Additional pollutants unique to commercial, industrial, and institutional entities as the need is identified.



## 10. Green stormwater infrastructure development and benefits.

All PEP participating permittees were required to apply for a new MS4 permit in their respective permit cycle years. The following key messages will be covered within the Clinton River Watershed and Lake St. Clair Direct Drainage Collaborative Public Education Plan. This Collaborative PEP was developed and will be implemented to continue meeting the PEP requirements of the 2003 MS4 permit as well as the new MS4 permit going forward.

- A. Promote public responsibility and stewardship in the applicant's watershed(s).
- B. Inform and educate the public about the connection of the MS4 to area waterbodies and the potential impacts discharges could have on surface waters of the state.
- C. Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.
- D. Promote preferred cleaning materials and procedures for car, pavement, and power washing.
- E. Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.
- F. Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.
- G. Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous wastes, travel trailer sanitary wastes, chemicals, and motor vehicle fluids.
- H. Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.
- I. Educate the public on and promote the benefits of green stormwater infrastructure and Low Impact Development.
- J. Promote methods for managing riparian lands to protect water quality.
- K. Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to stormwater runoff.

## V. REQUIRED ELEMENTS –EDUCATION ACTIVITIES

Appendix A details the activities and methods that the **Clinton River Watershed Council, Macomb County, Oakland County, and MSU extension will perform on behalf of the participating communities.** The matrix breaks out the activities according to the elements and key messages that they address and describes the target audiences, delivery mechanisms, timeline, responsible parties, and evaluation methods for each activity. An overall evaluation plan is also included in Section VI.

## **VI. EVALUATION PLAN**

A variety of mechanisms will be employed. Some will quantify the usage of materials (e.g. number of materials distributed, website hits) and participation in events (e.g. number of attendees at a presentation or workshop, number of participants at an event). These mechanisms can be useful in determining whether the education effort is reaching the audience; however it is difficult to evaluate behavior change resulting from the education activity using these purely quantitative methods.

The CRWC will use an online survey tool to measure post contact behavioral changes. For example; email addresses will be collected from all CRWC facilitated event attendees, 60-90 days following the event an email with a link to the online survey will be sent asking the participant some questions about their general knowledge and behavior changes. While the surveys are not scientifically significant the results of the survey can help mold the Public Education Efforts throughout the Clinton.

Through CRWC's Adopt-A-Stream monitoring program, it is possible to evaluate long-term changes in water quality. The results are compiled in an annual data summary, which allows a simple mechanism for measuring improvements or declines in water quality across the various subwatersheds. This data is managed in a document that records water quality monitoring results for up to the past five years. Improvements in water quality cannot be attributed solely to a successful public education effort, but indicate the overall effectiveness of the stormwater management efforts in the community, subwatershed, and watershed-wide.

## **VII. REPORTING**

The Clinton River Watershed Council will provide a Biennial Progress Report on this Public Education Plan to the Michigan Department of Environmental Quality. This Biennial Report of the watershed wide collaborative PEP is submitted by the CRWC on behalf of Macomb County, Oakland County and the MS4 permit holders that participate in the Stormwater Education Program facilitated by CRWC. Activities facilitated by CRWC, Macomb and Oakland Counties, and the MSU Extension Office will be reported on behalf of the permit holders and their nested MS4s.

## **VIII. APPENDIX A: ACTIVITIES DETAIL TABLE 1**

## **IX. APPENDIX B: COMMUNITY SPECIFIC ACTIONS TRACKING SPREADSHEET**

## **X. APPENDIX C: LETTERS OF COMMITMENT FOR SERVICES AND PROGRAMS**

1. Macomb County Public Works Office
2. Oakland County Water Resources Commissioner's Office
3. MSU Extension

| PEP TOPIC                 | BMP IDENTIFIER                                                      | BMP DESCRIPTOR                                                                                                                                                                                                                                                                                                                                                                                       | PARTNER COLLABORATION | TARGET AUDIENCE                                                          | Key Message(s) Addressed<br>Green =High Priority Orange= Medium Priority Yellow= Low Priority |                                                                                |                                                        |                                            |                                                              |                                                                    |                                             |                                           |                                                      |                                        | FREQUENCY       | RESPONSIBLE PARTY     | MEASURABLE GOAL                                                                                        |                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------|-------------------------------------------|------------------------------------------------------|----------------------------------------|-----------------|-----------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                          | PEP Element A - Personal Watershed Stewardship                                                | PEP Element B - Ultimate Storm Water Discharge Locations and Potential Impacts | PEP Element C - Public Reporting of Illicit Discharges | PEP Element D - Car, Pavement PowerWashing | PEP Element E - Pesticides, Herbicides, Fertilizer Education | PEP Element F -Grass Clippings, Leaf Litter, Animal Waste Disposal | PEP Element G - Waste Management Assistance | PEP Element H - Septic System Maintenance | PEP Element I - Benefits of Green Infrastructure LID | PEP Element J - Mgt. of Riparian Lands |                 |                       |                                                                                                        | PEP Element K - Commercial, Industrial, Institutional Education                                                                                                             |
| Watershed Wide Activities |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                                                          |                                                                                               |                                                                                |                                                        |                                            |                                                              |                                                                    |                                             |                                           |                                                      |                                        |                 |                       |                                                                                                        |                                                                                                                                                                             |
| A-C, E-G, I, J            | Michigan Green Schools Program                                      | This program was signed into law at the state level in 2006. The program encourages public and private schools to participate in energy savings and environmental activities to be designated as "Michigan Green Schools".                                                                                                                                                                           | YES                   | K-12th grade students and teachers                                       | x                                                                                             | x                                                                              | x                                                      |                                            | x                                                            | x                                                                  | x                                           |                                           | x                                                    | x                                      | Annually        | Oakland Macomb        | Minimum participation of 100 schools annually in each county.                                          |                                                                                                                                                                             |
| A-G, I,J                  | River Day                                                           | CRWC will recruit, host and promote events. MS4 permit communities will promote River Day events.                                                                                                                                                                                                                                                                                                    | YES                   | Citizens including the general public and county and municipal employees | x                                                                                             | x                                                                              | x                                                      | X                                          | x                                                            | x                                                                  | x                                           |                                           | x                                                    | x                                      | Annually        | CRWC                  | Promote and publicize a minimum of 15 events annually.                                                 |                                                                                                                                                                             |
| A,B,C,J, K                | Clinton Cleanup                                                     | CRWC will recruit, host and promote events. MS4 permit communities will promote Clinton Clean Up events. Recruitment of volunteers is targeted to the general public, as wells as commerical, industrial and corporate partners.                                                                                                                                                                     | YES                   | Citizens including the general public and corporate employees/volunteers | x                                                                                             | x                                                                              | x                                                      |                                            |                                                              |                                                                    |                                             |                                           |                                                      | x                                      | x               | Annually In September | CRWC                                                                                                   | Host a minimum of 12 events annually 150 volunteers and 150 bags of trash removed.                                                                                          |
| A,B,C,J, K                | Weekly Clean                                                        | CRWC will recruit, host and promote weekly clean up in the watershed. Recruitment of volunteers is targeted to commerical, industrial and corporate partners.                                                                                                                                                                                                                                        | YES                   | Citizens including the general public and corporate employees/volunteers | x                                                                                             | x                                                                              | x                                                      |                                            |                                                              |                                                                    |                                             |                                           |                                                      | x                                      | x               | 33-34 weeks a year    | CRWC                                                                                                   | <b>Host weekly events beginning in April through the third week of November, with a total volunteer count of 375 and approximately 3,000 lbs of trash removed annually.</b> |
| A-G, I,J                  | School Program - Clinton River Water Festival at Oakland University | Participate in the Clinton River Water Festival at Oakland University, providing staff for event planning, registration, volunteer guiding, and presentations at the festival. CRWC and Oakland County representatives serve on the planning committee that meets a minimum of 5 times annually. This water festival educates students in the Oakland County portion of the Clinton River watershed. | YES                   | 4th-5th grade students, teachers; corporate volunteers                   | x                                                                                             | x                                                                              | x                                                      | x                                          | x                                                            | x                                                                  | x                                           |                                           | x                                                    | x                                      | Annually in May | Oakland CRWC          | Maintain a level of 1100 students per year plus 150 adults chaperones and teachers and 100 volunteers. |                                                                                                                                                                             |

|          |                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |   |   |                 |             |                                                                                                                                     |
|----------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|-----------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------|
| A-G, I,J | School Program - Lake St. Clair Water Festival at Macomb Community College | Participate in the Lake St. Clair Water Festival, providing staff for event planning, registration, volunteer guiding, and presentations at the festival. CRWC and Macomb County Public Works representatives serve on the planning committee that meets a minimum of 10 times annually. This water festival educates students in the the the Clinton River, Lake. St. Clair, and Anchor Bay (sub)watersheds. | YES | 4th-5th grade students,teachers; corporate volunteers                                                                                                                                              | x | x | x | x | x | x | x | x | x | x | Annually in May | Macomb CRWC | Maintain a level of 1500 participants.                                                                                              |
| A-J      | Stormwater Management Forum                                                | CRWC will plan, promote, and host quarterly stormwater management forums. These forums bring decision makers and stakeholders within our watershed together to share information and discuss relevant topics in stormwater management.                                                                                                                                                                        | YES | County and Municipal Employees, NGO/NPO employees, MS4 permittees, City Councils, engineers, city planners, public works operators, industrial and commercial facilities management and employees. | x | x | x | x | x | x | x | x | x | x | Quarterly       | CRWC        | Quarterly forums, at least 1 presenter at each forum with a minimum of 15 attendees.                                                |
| A-K      | Stormwater Education: Community Presentations and Workshops                | Presentation on watersheds, stormwater pollution, green infrastructure, and lifestyle practices that preserve and protect water resources. (CRWC will host a minimum of 2 in each subwatershed.) Topics will vary and will be based on host subwatershed requests. CRWC will communicate with webmasters and communication staff of the MS4 permittees community to ensure promotion of events.               | YES | Citizens including the general public and county and municipal employees                                                                                                                           | x | x | x | x | x | x | x | x | x | x | Annually        | CRWC        | <b>Minimum 14 per year (2 per subwatershed). Attendance is tracked via sign-in sheets and submitted in the biennial report.</b>     |
| A,B,C,J  | Adopt-A-Stream Training Workshops                                          | Adopt A Stream training includes one 3-hour workshop on watersheds, stormwater pollution, watershed friendly practices, and training in volunteer monitoring procedures including macroinvertebrate collection and physical assessment. (Minimum of one 3 hr workshop per subwatershed ) Bug Identification Workshops are also held to ensure that each team has at least one bug certified member.           | YES | Citizens including the general public and county and municipal employees                                                                                                                           | x | x | x |   |   |   |   |   | x |   | Continuous      | CRWC        | <b>Minimum 7 AAS trainings annually (1 per subwatershed). Minimum 2 Bug ID trainings annually.</b>                                  |
| A,B,C,J  | Adopt-A-Stream Volunteer Water Quality Monitoring Program                  | Coordination of volunteer monitoring teams at pre-selected sites.                                                                                                                                                                                                                                                                                                                                             | YES | Citizens including the general public and county and municipal employees                                                                                                                           | x | x | x |   |   |   |   |   | x |   | Biannually      | CRWC        | Monitor a minimum of 35 locations, with a minimum of 100 volunteers on the first Saturday in May and the first Saturday in October. |

|             |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                                          |   |   |   |   |   |   |   |   |   |   |   |                                                                           |      |                                                                                                                                                                                                       |
|-------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A-K         | Subwatershed Website                            | Hosted by CRWC website; features subwatershed map, photos, description, events and links to education resources.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | YES | Citizens including the general public and county and municipal employees | x | x | x | x | x | x | x | x | x | x | x | Continuous                                                                | CRWC | Continue to maintain page and update information and verify participating communities links to this website. Website admin (CRWC) can view number of website hits and will submit in biennial report. |
| A-C,E,F,I,J | Stream Leaders Student River Monitoring Program | The mission of the Stream Leaders program is to raise young people's awareness of the importance of water quality; and to help cultivate a connection to a Great Lakes stewardship identity. This is accomplished through a multidisciplinary, place-based initiative that provides students with an educational experience in water quality monitoring, data interpretation, and citizen action. Students and teachers perform biological, physical, and chemical stream monitoring assessments. They then interpret and analyze stream data and submit it to CRWC to corroborate. | YES | K-12th grade students, teachers and chaperones                           | x | x | x |   | x | x |   |   | x | x |   | Program is continuous; Actual monitoring events in April/May and October. | CRWC | Retain participation of a minimum of 3,100 students and 20 schools per year, weather permitting.                                                                                                      |
| A, D-F, H-J | RiverSafe LakeSafe                              | Educational outreach survey tool offering homeowners the opportunity to become certified "RiverSafe LakeSafe" by CRWC if they commit to the series of household water quality BMPs at home that reduce stormwater pollution and protect local fresh surface waters. Encourage MS4 permit communities to become certified and promote through City Council, beautification boards, planning committees, or other local committees.                                                                                                                                                   | YES | Home/Property owners                                                     | x |   |   | x | x | x |   |   | x | x | x | Continuous                                                                | CRWC | add a minimum of 10 new certifications a year                                                                                                                                                         |
| I-K         | WaterTowns                                      | CRWC's place making initiative focused on connecting communities to their waterways through education, green infrastructure, history, art and ecology. Municipalities are equipped with complete shovel ready green infrastructure project designs custom for their community and are given the opportunity to implement a GI project, providing an educational opportunity for the public to get involved through native plantings, educational signage, etc.                                                                                                                      | YES | Municipal Employees, property developers, general public                 |   |   |   |   |   |   |   |   | x | x | x | Continuous                                                                | CRWC | bring on a minimum of 2 new communities a year to the WaterTowns program                                                                                                                              |

|                                          |                                                            |                                                                                                                                                                                                                                                                                   |     |                                                                                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |            |                                      |                                                                                                                                                                                     |
|------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I-K                                      | Stormwater Education: Industrial and Commercial Facilities | Provide educational materials and BMP fact sheets to industrial and commercial facilities. Target 2 industrial/commercial sectors per year. Distribute BMP information via email that is created specifically for each sector.                                                    | YES | Employees and property owners at industrial and commercial facilities. Property developers, planners, engineers. | x |   |   |   |   |   |   |   |   |   |   |   | x | Continuous | Macomb; Oakland; CRWC; MS4 Permittes | Target 2 sectors per year. Distribute BMP fact sheets through annual email blast to designated contact at each facility. Track distribution via list of businesses and emails sent. |
| I-K                                      | Stormwater Education: Industrial and Commercial Facilities | Attend Regional Chamber of Commerce Networking events to build relationships with business owners and share information related to stormwater pollution prevention for business/industry.                                                                                         | YES | Employees and property owners at industrial and commercial facilities. Property developers, planners, engineers. | x |   |   |   |   |   |   |   |   |   |   |   | x |            | CRWC                                 | Attend a minimum of 2 events annually.                                                                                                                                              |
| A-K                                      | Social Media Outreach                                      | Use social media platforms (Facebook, Twitter, Instagram) to collaborate among partners for cross promotion of events, fundraisers, news, education, and community announcements.                                                                                                 | YES | Citizens including the general public and county and municipal employees                                         | x | x | x | x | x | x | x | x | x | x | x | x | x | Continuous | CRWC                                 | Track total monthly response and interactions such as likes, comments, and shares on Facebook, likes, responses, and retweets on Twitter, and likes on Instagram.                   |
| <b>Macomb County Specific Activities</b> |                                                            |                                                                                                                                                                                                                                                                                   |     |                                                                                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |            |                                      |                                                                                                                                                                                     |
| A-K                                      | Public Works Presentations                                 | Presentations are offered to school and adult groups. These presentations educate citizens on pollution prevention in our waterways in order to improve the quality of life and promote economic prosperity with clean water.                                                     | YES | General Public in Macomb County                                                                                  | x | x | x | x | x | x | x | x | x | x | x | x | x | Annually   | Macomb                               | 30 presentations per year                                                                                                                                                           |
| A-D,K                                    | Clean Boating                                              | Inform and promote clean boating practices with including pollution prevention, spill notification and invasive species control                                                                                                                                                   | YES | General Public                                                                                                   | x | x | x | x |   |   |   |   |   |   |   |   | x | Seasonally | Macomb                               | Meet with local boating association once a year and hand out 50 flyers promoting current pollution prevention initiatives.                                                          |
| A,K                                      | MSU Extension Understanding Groundwater                    | This presentation targets 4th through 6th graders. Using a groundwater model and hands on activities, students review basic water knowledge, learn what groundwater is, the surface/groundwater connection and the importance of protecting and conserving groundwater resources. | YES | Elementary students and educators                                                                                | x |   |   |   |   |   |   |   |   |   |   |   | x | Annually   | Macomb                               | Participation is tracked, based on school requests for the program and availability of staff                                                                                        |
| A-D, G,H,K                               | MSU Extension Water Conservation Program                   | Designed for 1st through 3rd graders. The children explore water conservation topics such as where water comes from, how to use water wisely, and how to protect and conserve this precious resource.                                                                             | YES | Elementary students and educators                                                                                | x | x | x | x |   |   |   |   | x | x |   |   | x | Annually   | Macomb                               | 100 classroom presentations per year                                                                                                                                                |

|              |                                                       |                                                                                                                                                                                                                                                                                                                                                   |     |                         |   |   |   |   |   |   |   |   |   |   |            |        |                                                                                                        |
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| A,E,F,I,K    | MSU Extension Master Gardener Program                 | The Michigan State University Extension Master Gardener Program is an adult horticulture education and volunteer leader training program. Volunteers are committed to improving the quality of life in Michigan through horticulture-based volunteerism and beautifying communities throughout the state.                                         | YES | Citizens                | x |   |   |   | x | x |   |   | x | x | Annually   | Macomb | 50 active volunteers providing 2,000 hours of volunteer service.                                       |
| A,E,F,I,K    | MSU Extension Master Composter Program                | The Master Composter course instructs residents about yard waste composting and reduction. This shows the importance of improving your yard at little cost, with little odor or attracting critters, and teaches how to reduce waste that must be disposed. This program gives correct knowledge that can be shared through volunteer activities. | YES | General Public          | x |   |   |   | x | x |   |   | x | x | Annually   | Macomb | 5 active volunteers providing 100 hours of volunteer service.                                          |
| A-C, E,F,J,K | MSU Extension Sea Grant Summer Discovery Cruises      | Summer Discovery Cruises offer anyone interested in exploring Lake Erie, the Detroit River and Lake St. Clair the opportunity to get out on the water for an education experience.                                                                                                                                                                | YES | General Public          | x | x | x |   | x | x |   |   | x | x | Seasonally | Macomb | 250 participants per year                                                                              |
| A,E,F,K      | MSU Extension 4-H Environmental and Outdoor Education | Programs focus on teaching environmental responsibility and stewardship. This 4-H program area provides educational opportunities for youth to enjoy the outdoors and learn about the interconnection of people and nature.                                                                                                                       | YES | Youth                   | x |   |   |   | x | x |   |   |   | x | Annually   | Macomb | 1,000 youth per year mentored and educated by 100 adult and teen volunteers to deliver their programs. |
| A-K          | MSU Extension Public Education Classes                | Homeowner classes on environmentally safe maintenance                                                                                                                                                                                                                                                                                             | YES | General Public          | x | x | x | x | x | x | x | x | x | x | Annually   | Macomb | 25 attendees per year                                                                                  |
| A-K          | Facility Tours                                        | On-site tours of Macomb County facilities are available relating to environmental impacts to the Clinton River and Lake St. Clair. Tours focus on what the county is doing to improve our water resources and to educate the public on how they can help.                                                                                         | YES | General Public          | x | x | x | x | x | x | x | x | x | x | Annually   | Macomb | Engage 20 participants per year.                                                                       |
| A,B,C,G      | Household Hazardous Waste Collection                  | The Macomb County Health Department sponsors hazardous waste collection drop-off sites for proper disposal. This includes fluorescent bulbs, used oil & oil filters, mercury thermometers, PCBs, etc.                                                                                                                                             | YES | Macomb County Residents | x | x | x |   |   |   | x |   |   |   | Annually   | Macomb | Host six events per year and a collection goal of 100,000 pounds of waste from participating residents |

|       |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                         |   |   |   |   |   |   |   |   |   |  |  |            |        |                                                                                                              |
|-------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------|---|---|---|---|---|---|---|---|---|--|--|------------|--------|--------------------------------------------------------------------------------------------------------------|
| A,G   | Medication Disposal                            | Low concentrations of prescription drugs, including opiates, and over the counter medications have been detected in the drinking water supplies of 24 major metropolitan areas throughout the country, including Detroit. Contributing to the problem is the disposal dilemma faced by residents who want to safely dispose of unwanted medications without flushing them down the drain. The Macomb County Health Department is partnering with local pharmacies to accept unwanted and expired medications. | YES | General Public                                          | x |   |   |   |   |   |   |   |   |  |  | Annually   | Macomb | Collect 1,000 pounds of unwanted medication annually. Data is collected from sheriff's department.           |
| A,I-K | The Blue Economy Initiative                    | Macomb County's Blue Economy Initiative is designed to protect and enhance Macomb County's assets, Lake St. Clair and the Clinton River Watershed. Its objectives are to increase public access and cultivate investment while maintaining high standards for environmental stewardship.                                                                                                                                                                                                                      | YES | General Public                                          | x |   |   |   |   |   |   |   |   |  |  | Annually   | Macomb | Annually host a lake event.                                                                                  |
|       | Lake St. Clair Initiative Circle the Lake Tour | Macomb County Planning and Economic Development created this public/private, non-profit association to increase the awareness, protect, and develop the rich and diverse assets on and around this fresh water community.                                                                                                                                                                                                                                                                                     | YES | General Public                                          | x |   |   |   |   |   |   |   |   |  |  | Annually   | Macomb | Distribute 500 maps through municipalities and tourism events.                                               |
| A,J   | Clinton River Blue Way Water Trail             | Macomb Count created a Blue Way Water Trail to increase awareness of the natural assets the county possesses and create opportunities to publicize and increase access to the Clinton River.                                                                                                                                                                                                                                                                                                                  | YES | General Public                                          | x |   |   |   |   |   |   |   |   |  |  | Annually   | Macomb | Distribute 200 water trail maps through the CRWC.                                                            |
| A,E,J | Phragmites Invasive Removal                    | The intent of the project is to protect coastal marshes (wetlands) within the St. Clair watershed through the control of common reed, or phragmites. Treatment includes aerial and ground application of herbicide, followed by either prescribed burning or mowing.                                                                                                                                                                                                                                          | YES | General Public                                          | x |   |   |   |   |   |   |   |   |  |  | Seasonally | Macomb | Attend 4 CISMA meetings per year.                                                                            |
| A,B,J | Spill Awareness                                | Macomb County will promote a citizens awareness program for spill response and how to notify proper authorities for clean up if necessary.                                                                                                                                                                                                                                                                                                                                                                    | YES | Homeowners, visitors, and business owners within Macomb | x | x |   |   |   |   |   |   |   |  |  | Annually   | Macomb | Attend 1 Emergency Response meeting a year to update and report procedures.                                  |
| A-K   | Bulletin Boards/ Displays                      | Bulletin boards in the designated county buildings on clean water topics. Other related information is posted and/or materials are placed for public/county employees to take. Display booths at county events and other events as requested.                                                                                                                                                                                                                                                                 | YES | General public, Macomb County employees                 | x | x | x | x | x | x | x | x | x |  |  | Quarterly  | Macomb | flyers and topics to be rotated at least 4 times per year. Materials are counted before and after each event |



|                                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                         |   |   |   |   |   |   |   |   |   |   |   |                            |        |                                                                                            |
|----------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|---|---|---|---|---|---|---|---|---|---|---|----------------------------|--------|--------------------------------------------------------------------------------------------|
| A-C, G, I, J                                 | Macomb County Social Media Sites         | All the nested Macomb County departments keep the Macomb County communities informed on the many projects, services provided, and highlights some of the ongoing projects and services going on in the county through various forms of social media. These resources also provide updates about events and education the citizens can participate in around the county. The main county website is: <a href="http://www.macombgov.org/">http://www.macombgov.org/</a> . | YES | General public, Macomb County employees | x | x | x |   |   |   |   |   |   |   |   | Updated on a regular basis | Macomb | Provide working links to websites and pages. Track hits on websites and social media pages |
| A-K                                          | Publications                             | Publicize environmental stewardship, pollution prevention, best management practices and other relevant environmental activities to Macomb County staff, the general public and business/industry                                                                                                                                                                                                                                                                       | YES | General public, Macomb County employees | x | x | x | x | x | x | x | x | x | x | x | Annually                   | Macomb | distribute at least 150 publications through direct mailing or email each year             |
| A-K                                          | Riparian Information                     | Make available riparian landowner educational materials at events, meetings, and through mailings.                                                                                                                                                                                                                                                                                                                                                                      | YES | General Public, Riparian Landowners     | x | x | x | x | x | x | x | x | x | x | x | Annually                   | Macomb | Educate at least 12 riparian residents a year through inquiries.                           |
| <b>Macomb County NON-REQUIRED Activities</b> |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                         |   |   |   |   |   |   |   |   |   |   |   |                            |        |                                                                                            |
| A,B,G,K                                      | Board of Commissioners Earth Day Contest | Macomb County will promote and sponsor an Earth Day contest for 4th & 5th grade students in the county.                                                                                                                                                                                                                                                                                                                                                                 | YES | Elementary students                     | x | x |   |   |   |   |   |   |   |   |   | Annually                   | Macomb | Have at least 10 participants per year.                                                    |
| A,B,E,F,I<K                                  | Green Macomb                             | The Macomb County Department of Planning & Economic Development is developing a new initiative to support green infrastructure efforts that strengthen the economic vitality, quality of life, and environmental wellbeing for those visiting, living, and working in Macomb County.                                                                                                                                                                                    | YES | General Public                          | x | x |   |   | x | x |   |   |   |   |   | Annually                   | Macomb | Plant 50 trees a year and attend one event per year.                                       |
| A,J                                          | HEART Freshwater Center                  | The HEART Freshwater Center is a unique alliance of agencies working together to study the Huron to Erie Corridor through research, education and training. The purpose of this research is to improve the ecosystems of these water bodies and the quality of life for the people who use them.                                                                                                                                                                        | YES | General Public                          | x |   |   |   |   |   |   |   |   |   |   | Annually                   | Macomb | Work with lab two times a year on water quality event/testing.                             |
| <b>Oakland County Specific Activities</b>    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                         |   |   |   |   |   |   |   |   |   |   |   |                            |        |                                                                                            |

|             |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                          |   |   |   |   |   |   |   |   |   |   |  |                                          |         |                                                                                                                   |
|-------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|--|------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------|
| A-C, G, I-K | Regional Stormwater Summit          | This annual event, which debuted in 2013, features presentations on stormwater and watershed initiatives in the southeast Michigan and the Great Lakes region that are relevant in helping communities work together and gain insight into addressing the region's stormwater and watershed management challenges.                                                                                                                                                                                    | YES | Citizens including the general public and county and municipal employees | x | x | x |   |   |   |   |   |   |   |  | Annually in the Fall (September/October) | Oakland | Maintain a minimum 100 participants annually from southeast MI                                                    |
| A-K         | Bulletin Boards                     | Bulletin boards in the WRC Public Works Building main lobby and framed posters in the vestibule of the WRC Water and Sewer Billing Office in Waterford are posted with information developed by the Southeast Michigan Partners for Clean Water on the "Seven Simple Steps to Clean Water" topics. Other related information is posted and/or materials are placed on the front desk of the Public Works Building main lobby for the public/county employees to take.                                 | YES | General public, CVTs, county employees within Oakland County             | x | x | x | x | x | x | x | x | x | x |  | Monthly                                  | Oakland | Topics posted are tracked in an excel spreadsheet available upon request. Topics posted will be reported annually |
| A-C E-G, I  | Dirt Doctors Program                | The Dirt Doctors Program is an interactive program facilitated by WRC staff geared towards 4th and 5th grade students and teaches youth about how individual actions affect our waterways. The program focuses on the importance of soil erosion prevention and watershed stewardship.                                                                                                                                                                                                                | YES | Oakland County 4th-12th grade students, teachers and chaperones          | x | x | x |   | x | x | x |   |   |   |  | Annually                                 | Oakland | Minimum of 25 programs annually                                                                                   |
| A-C, H      | Drain Detectives Program            | The Drain Detectives Program is an interactive program facilitated by WRC staff geared towards 4th through 12th grade students. It teaches students how pollution can get into our waterways, what to look for, how to detect it and how to trace the source of the pollution. Students learn how they can help prevent pollution and how to report pollution incidents through Oakland County's 24-Hour Pollution Hotline. Students also learn how water and pollution travel through the watershed. | YES | Oakland County 4th-12th grade students, teachers and chaperones          | x | x | x |   |   |   |   |   | x |   |  | Annually                                 | Oakland | Minimum of 5 programs over the permit cycle                                                                       |
| A-J         | Enviroscape Watershed Model Program | The Enviroscape watershed model teaches students about watersheds and how individual actions affect our waterways, as well as how pollution moves throughout a watershed. Students are taught how to prevent pollution through everyday actions. The model is programming is facilitated by WRC staff The Enviroscape is also made available to the public to borrow for presentations.                                                                                                               | YES | General public, Oakland County students                                  | x | x | x | x | x | x | x | x | x |   |  | Annually                                 | Oakland | Minimum of 10 programs annually                                                                                   |

|              |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                                                 |   |   |   |   |   |   |   |   |   |   |   |   |                     |         |                                                                                                                                                                                                                                                        |
|--------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A-C, G, I, J | E-newsletter Articles                 | <p>WRC releases an electronic newsletter to the public, CVTs, elected officials and county employees on a quarterly basis (the E-newsletter has taken the place of the WRC Watermark newsletter). This newsletter keeps Oakland County communities informed on the many projects and services provided by the WRC and highlights some of the WRC's ongoing projects and services. It also provides updates about the evolving role of the WRC office.</p>                                                                                                                                                                                                                                                                                                                                                                                                 | YES | General public, CVTs, elected officials, and county employees in Oakland County | x | x | x |   |   |   |   |   |   |   |   |   | Published quarterly | Oakland | Minimum of 4 newsletters annually                                                                                                                                                                                                                      |
| A-K          | Household Hazardous Waste Information | <p>Continue to publicize information on the NO HAZ, Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) and Southeastern Oakland County Resource Recovery Authority (SOCRRA) programs to citizens and employees of Oakland County on WRMD's Web site (<a href="http://www.oakgov.com/waste/nohaz">www.oakgov.com/waste/nohaz</a>). NO HAZ, RRRASOC and SOCRRA provide safe disposal of household hazardous waste to Oakland County municipalities to the maximum extent practicable (as budget allows). The WRC will continue to distribute HHW brochures.</p> <p>WRC also provides an ad on household hazardous waste disposal in the Oakland Lakefront magazine and has information in its Waterfront Wisdom publication and on their Web site at <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a>.</p> | YES | Residents                                                                       | x |   |   |   |   |   |   |   |   |   |   |   | Annually            | Oakland | <p>Maintain working links to Web sites and track number of website hits annually</p> <p>Hold a minimum of four collection events per year</p> <p>Collect and properly dispose of a minimum of 200,000 pounds of household hazardous waste per year</p> |
| A-K          | Kids' Clean Water Calendar Contest    | <p>The Kids' Clean Water Calendar contest is open to all 4th and 5th grade students in all schools within Oakland County. Themes for drawing entries surround the Seven Simple Steps to Clean Water campaign topics developed by SEMCOG. The contest promotes the students to learn about watershed stewardship and how our daily actions impact our waterways.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | YES | General public, Oakland County 4th and 5th grade students                       | x | x | x | x | x | x | x | x | x | x | x | x | Annually            | Oakland | <p>Achieve participation of a minimum of 600 students per year</p> <p>Distribute a minimum of 5,000 calendars per year throughout Oakland County</p>                                                                                                   |

|         |                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |                         |                      |                                                                                                                                                     |
|---------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| A, I, J | Natural Resources Education Program                                   | Special programs are offered by Oakland County Parks and Recreation Commission (OCPRC) staff throughout the year which provide opportunities for the community to participate in ongoing stewardship efforts. Programs take place at the Oakland County Parks as well as other locations in Southeast Michigan. Stewardship opportunities are posted on OCPRC's Web site at: <a href="http://www.destinationoakland.com">www.destinationoakland.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | YES | General public, visitors to the area            | x |   |   |   |   |   |   |   |   |   |   |   |   | Annually                | Oakland              | Hold a minimum of 10 stewardship events per year with participation from a minimum of 200 individuals per year                                      |
| A-K     | Oakland County Environmental Stewardship and Water Resource Web sites | WRC, Oakland County Planning and Economic Development Services (OCPEDS), Road Commission of Oakland County (RCOC), OCPRC and MSU-Extension Oakland County maintain environmental stewardship and/or water resource information on their Web sites at: <a href="http://www.oakgov.com/es">www.oakgov.com/es</a> , <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a> , <a href="https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx">https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx</a> , <a href="http://www.rcocweb.org/Environmental/Environmental.aspx">http://www.rcocweb.org/Environmental/Environmental.aspx</a> , and <a href="http://www.oakgov.com/msu/">http://www.oakgov.com/msu/</a> . Information will also be provided via the Be Phosphorus Smart! Web site, which is a portal to information on phosphorus and its role in and impacts on crops, turf and lawn care, and stormwater ( <a href="http://www.bephosphorusmart.msu.edu/">http://www.bephosphorusmart.msu.edu/</a> ) | YES | General public, CVTs, county employees          | x | x | x | x | x | x | x | x | x | x | x | x | x | Annually                | Oakland MSUE Oakland | Provide working links to Web sites and track number of website hits annually                                                                        |
| A       | Oakland Lakefront Magazine Advertisements                             | Public education messages are placed in the Oakland Lakefront magazine. The messages include pet care, fertilizers, household hazardous waste disposal, earth-friendly landscaping, car care and storm drain awareness. Oakland Lakefront is published monthly and reaches approximately 17,000 homeowners on the waterways of Oakland County.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | YES | General public, riparian landowners             | x | x | x | x | x | x | x | x | x | x | x | x | x | April through September | Oakland              | Place six (6) ads per year<br>Reach a minimum of 13,000 lakefront residents per ad per year                                                         |
| A-K     | Publicize Environmental-Related Events                                | Publicize environmental stewardship and other relevant environmental activities to WRC staff and the general public through in-house bulletin boards in WRC lobby. Oakland County also has a Web portal where this information is available at: <a href="https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx">https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES | General Public, visitors to the area, WRC staff | x |   |   |   |   |   |   |   |   |   |   |   |   | Annually                | Oakland              | Publicize a minimum of 20 natural-resource related events per year<br>Maintain working links to Web sites and track number of website hits annually |

|      |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                     |   |   |   |   |   |   |   |   |   |   |   |   |          |         |                                                                                                                                                                           |
|------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G    | Recreational Vehicle Waste Dumpsites            | Post links and/or locations to recreational vehicle (RV) waste dumpsites in the region on Southeast Michigan Council of Government's (SEMCOG) Ours to Protect Web site at: <a href="http://www.semco.org/OursToProtect_HouseholdWaste.aspx">www.semco.org/OursToProtect_HouseholdWaste.aspx</a> and provide a link to Michigan RV dump sites ( <a href="http://www.rvdumps.com/mi.htm">www.rvdumps.com/mi.htm</a> ) on Oakland County Waste Resource Management Division's Web site at: <a href="http://www.oakgov.com/waste/">www.oakgov.com/waste/</a> .                                                                                                                                                                                                                                                                         | YES | Residents, visitors to the area     |   |   |   |   |   |   |   |   |   |   |   |   | Annually | Oakland | Provide working links to Web sites and track number of website hits annually to Oakland County's Waste and Recycling Resources page will be tracked annually              |
| A-K  | Riparian Information Distribution               | Distribute riparian landowner educational material (i.e. Waterfront Wisdom brochure) at events, meetings, and through mailings.<br><br>Maintain WRC's riparian education Web site ( <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | YES | General Public, Riparian Landowners | x | x | x | x | x | x | x | x | x | x | x | x | Annually | Oakland | Maintain working links to Web sites and track number of website hits annually<br><br>Distribute a minimum of 100 Waterfront Wisdom booklets per year                      |
| A, G | Solid Waste Plan                                | Continue to implement Oakland County's Solid Waste Plan which establishes an enforceable program and processes that when implemented will minimize future adverse impacts upon public health, the environment and the landscape as a result of the generation, handling, processing and disposal of Act 451, Part 115 non-hazardous solid wastes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES | Residents                           | x |   |   |   |   |   |   | x |   |   |   |   | Annually | Oakland | Provide working link to Web site and track number of website hits annually                                                                                                |
| A-K  | Inland Lake Natural Shoreline/Education Program | The MDEQ and MSU-Extension has spearheaded the development of the Michigan Natural Shoreline Partnership (MNSP). Each year, education and outreach is provided to inland lake homeowners and shoreline landscape contractors on the following topics: the importance of natural shoreline landscapes on Michigan's inland lakes, healthy lake ecosystems, understanding the shoreline, shoreline invasive plants, planning a natural shoreline landscape, design ideas for a natural shoreline landscape, plant selection, planting stock and site preparation, natural shoreline success, and Michigan rules and regulations. In Oakland County, a partnership has formed between the WRC, MSU-Extension, OCPRC, Clinton River Watershed Council, Wild Ones, Oakland Conservation District and MDEQ to offer programming locally. | YES | General Public, Riparian Landowners | x | x | x | x | x | x | x | x | x | x | x | x | Annually | Oakland | Report annually:<br>-Number of programs held<br>-Number of attendees<br>-Workshop partners<br><br>Host and participate in at least one program annually in Oakland County |



|       |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                     |   |   |   |   |   |   |   |   |   |   |   |  |            |                |                                                                                                                                                   |                                                                                                                                                     |
|-------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|--|------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| A,C,G | Household Hazardous Waste Information | <p>Continue to publicize information on the NO HAZ, Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) and Southeastern Oakland County Resource Recovery Authority (SOCRRA) programs to citizens and employees of Oakland County on WRMD's Web site (<a href="http://www.oakgov.com/waste/nohaz">www.oakgov.com/waste/nohaz</a>). NO HAZ, RRRASOC and SOCRRA provide safe disposal of household hazardous waste to Oakland County municipalities to the maximum extent practicable (as budget allows). Oakland County MS4 permittees will also promote.</p> <p>The WRC will continue to distribute HHW brochures.</p> <p>WRC also provides an ad on household hazardous waste disposal in the Oakland Lakefront magazine and has information in its Waterfront Wisdom publication and on their Web site at <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a>.</p> |  | Residents                           | x |   | x |   |   |   | x |   |   |   |   |  |            | Continuous     | MS4 Permittees                                                                                                                                    | Provide working links to websites. MS4 permit communities have an excel document to track link locations and website hits.                          |
| A,G   | Recreational Vehicle Waste Dumpsites  | <p>Post links and/or locations to recreational vehicle (RV) waste dumpsites in the region on Southeast Michigan Council of Government's (SEMCOG) Ours to Protect Web site at: <a href="http://www.semco.org/OursToProtect_HouseholdWaste.aspx">www.semco.org/OursToProtect_HouseholdWaste.aspx</a> or provide a link to Michigan RV dump sites (<a href="http://www.rvdumps.com/mi.htm">www.rvdumps.com/mi.htm</a>) on Oakland County Waste Resource Management Division's Web site at: <a href="http://www.oakgov.com/waste/">www.oakgov.com/waste/</a>. MS4 may add this to thier SWMP</p>                                                                                                                                                                                                                                                                                                                      |  | Residents, visitors to the area     | x |   |   |   |   |   | x |   |   |   |   |  |            | Continuous     | MS4 Permittees                                                                                                                                    | Provide working links to websites and track number of hits. MS4 permit communities have an excel document to track link locations and website hits. |
| A-J   | Riparian Information Distribution     | <p>Distribute riparian landowner educational material (i.e. Waterfront Wisdom brochure) make available to their public via mailings or through their website. events, meetings, and through mailings. MS4 may add this to thier SWMP</p> <p>Maintain WRC's riparian education Web site (<a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a>)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | General Public, Riparian Landowners | x | x | x | x | x | x | x | x | x | x | x |  | Continuous | MS4 Permittees | Provide working link to website and track number of hits. MS4 permit communities have an excel document to track link locations and website hits. |                                                                                                                                                     |







**Candice S. Miller**

Public Works Commissioner  
Macomb County

March 15, 2023

Lishba Varughese  
Christine Caddick  
EGLE-Water Resources Division  
Southeast Michigan District Office  
27700 Donald Court  
Warren, MI 48093

RE: Watershed-wide Public Education Plan Submittal for the Clinton River Watershed

Dear Lishba Varughese & Christine Caddick:

The Macomb County Public Works Office is writing to affirm its commitment to assist communities in implementing the collaborative Public Education Plan (PEP) that has been developed for the storm water permit holders within the Clinton River Watershed.

The Macomb County Public Works Office understands that the PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) permit administered by the Michigan Department of Environmental Quality. The permit regulates stormwater discharges from municipal separate storm sewer systems, in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.

The Macomb County Public Works Office is included as a responsible party for the implementation of a variety of actions in the PEP because many of our activities and programs offer excellent opportunities for engaging the public in watershed education and environmental stewardship.

If you have any questions, please feel free to contact Jeff Bednar, Environmental Resources Manager, at [jeff.bednar@macombgov.org](mailto:jeff.bednar@macombgov.org) or (586)493-0685.

Sincerely,

Candice S. Miller, Commissioner  
Macomb County Public Works



March 7, 2023

Ms. Lishba Varughese  
Ms. Christine Caddick  
EGLE – Water Resources Division  
Southeast Michigan District Office  
27700 Donald Court  
Warren, MI 48093

RE: Watershed-wide Public Education Plan Submittal for the Clinton River Watershed

Dear Ms. Varughese and Ms. Caddick:

The Oakland County Water Resources Commissioner's Office (WRC) is writing to affirm its commitment to assist communities in implementing the collaborative Public Education Plan (PEP) that has been developed for the stormwater permit holders within the Clinton River Watershed.

The WRC recognizes that the PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) administered by the Michigan Department of Environment, Great Lakes and Energy (EGLE). The permit regulates stormwater discharges from municipal separate storm sewer systems, in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.

Oakland County is included as a responsible party for the implementation of a variety of actions in the PEP because many of our activities and programs offer excellent opportunities for engaging the public in watershed education and environmental stewardship.

If you have any questions, please feel free to contact me at 248-858-5264.

Sincerely,

A handwritten signature in blue ink that reads "Jacy L. G." with a stylized flourish at the end.

Jacy L. Garrison  
Environmental Planner

March 21, 2023

Ms. Kaleigh Snoddy  
Clinton River Watershed Council  
1115 W Avon Rd.  
Rochester Hills, MI 48309

Re: Clinton River Watershed Collaborative Public Education Plan

Dear Ms. Snoddy,

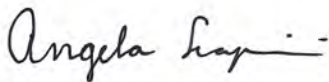
The Michigan State University (MSU) Extension assists communities in water related education programs that can be helpful in implementing the collaborative Public Education Plan (PEP) that has been developed for the stormwater permit holders within the Clinton River Watershed.

MSU Extension recognizes that the PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) administered by the Michigan Department of Environmental Quality. The permit regulates stormwater discharges from municipal separate stormwater sewer systems, in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.

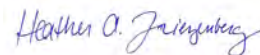
MSU Extension is included as a responsible party for the implementation of a variety of actions in the PEP because many of our activities and programs offer excellent opportunities for engaging the public in watershed education and environmental stewardship. Furthermore, the programming and resources offered are science-based and delivered through a collaboration of academic staff, specialists, and faculty from Michigan State University in partnership with local organizations and agencies. When possible, programming is offered as both classroom and field-based learning opportunities, and is tailored to meet the specific areas of interest and needs of the target audience. These programs may include the Water Conservation Program, Summer Discovery Cruises, and Michigan Conservation Stewards Program.

If you have any questions, please feel free to contact me at (586) 469-5060 or [scapinia@msu.edu](mailto:scapinia@msu.edu).

Sincerely,



Angela Scapini  
Extension Program Worker  
Michigan Sea Grant, MSU Extension



Heather Triezenberg  
Associate Director & Program Leader  
Michigan Sea Grant, MSU Extension

Cc: Ed Scott, District 11 Director, MSU Extension  
Dave Ivan, Director, Community, Food, and Environment Institute, MSU Extension

# Appendix D

## SEMCOG Posters & Illicit Discharge Poster

## How to Spot Illicit Discharges

### Sanitary Sewer Discharge

#### Observations:

- Sanitary Debris
- Staining on pipe
- Heavy Foam
- Gray or Discolored Water
- Odors (sewage, chlorine, rotten eggs and detergents)



### Illegal Dumping, Spills, or Floor Drain

#### Connection Observations:

- Oily Sheen
- Trash, non-sanitary debris
- Petroleum odors
- Stained sediment, rocks, and vegetation
- Vehicle bay washout



### Agricultural Runoff, Fertilizers, or Sanitary Sewer Waste Observations:

- Algae growth at or near outlet
- Heavy vegetation at or near outlet



### What to Report

- **Spills and Contamination to lakes, river and streams**  
District Stormwater Coordinator, MDEQ, Environmental Health Department, Drain Commissioner's Office
- **Suspicious dumping or discharges from pipes**  
District Stormwater Coordinator, MDEQ, Environmental Health Department, Drain Commissioner's Office
- **Sewage on the ground or in surface water**  
District Stormwater Coordinator, Environmental Health Department
- **Large number of dead fish in waterways**  
District Stormwater Coordinator, MDEQ, Environmental Health Department
- **Failing or leaking septic systems**  
District Stormwater Coordinator, Environmental Health Department
- **Construction site soil erosion to waterways**  
District Stormwater Coordinator, local SESC Enforcing Agency
- **Polluted runoff from storage piles/dumpsters entering waterways**  
District Stormwater Coordinator, Environmental Health Department, Drain Commissioner's Office

### Important Numbers

#### Emergency Call 9-1-1

- Pollution Emergency Alerting System (PEAS) **1-800-292-4706**
- 24 Hour Spill Hot Line – Arch Environmental Group **1-248-522-2821**

#### Non-Emergency

- School District Contact Number
- DEQ Environmental Assistance Center **1-800-662-9278**
- Eaton County Drain Commissioner **1-800-292-4706**
- Genesee County Drain Commissioner **1-810-732-2940**
- Livingston County Department of Public Health **1-517-546-9858**
- Macomb County Public Works **1-877-679-4357**
- Oakland County Water Resources **1-248-858-0958**
- Washtenaw County Drain Commissioner **1-724-222-6860**
- Wayne County Department of the Environment **1-888-223-2363**

**KEEP OUR WATER CLEAN**



**onewater**

[mionewater.com](http://mionewater.com)



**IF YOU SEE POLLUTION,  
REPORT IT**

# KEEP OUR WATER CLEAN



onewater

[mionewater.com](http://mionewater.com)

# CLEAN UP AFTER YOUR PETS

# **BUILD ON WATER QUALITY**



**onewater**

[mionewater.com](http://mionewater.com)

# **DISPOSE OF ALL GREASE IN THE TRASH**



# **BUILD ON WATER QUALITY**



# **ONLY RAIN DOWN THE STORM DRAIN**

# Remember, you're not just washing your car

Our Water. Our Future.



Ours to Protect



## Practice good car care

Did you know there are over four million vehicles in Southeast Michigan? **Practicing good car care helps protect our lakes and streams.**

How? Storm drains and roadside ditches lead to our lakes and streams. So, if motor fluids or dirty water from washing our cars are washed or dumped into the storm drain, it pollutes our local waterways.

What can you do? Simple. **Keep your car tuned and fix leaks** promptly, **recycle used motor oil** and other fluids, **take your car to the carwash or wash your car on the grass.**

Find out more at [www.semcog.org](http://www.semcog.org).

Brought to you by the Southeast Michigan Partners for Clean Water.

Support provided by SEMCOG, the Southeast Michigan Council of Governments (313-961-4266) and the Rouge River National Wet Weather Demonstration Project.

# Remember, you're not just fertilizing your lawn

Our Water. Our Future.



## Fertilize sparingly and caringly

Storm drains found in our streets and yards empty into our lakes and streams. So, **when we fertilize our lawn we could also be fertilizing our lakes and streams**. While fertilizer is good for our lawn, it's bad for our water. Fertilizer in our lakes and streams causes algae to grow.

Algae can form large blooms and uses up oxygen that fish need to survive. With 1.5 million homes in Southeast Michigan, all of us need to be aware of the far-reaching effects of our lawn care practices.

**What can you do?** Simple. Use a **no or low phosphorus fertilizer**, select a **slow release** fertilizer where at least half of the nitrogen is water insoluble (check the ingredients on the label), keep fertilizer away from lakes, streams, and storm drains, and **sweep excess fertilizer** back onto your lawn. Not only will our lakes and streams thank you, but so will your pocketbook!

Find out more at [www.semco.org](http://www.semco.org).

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# Seven Simple Steps to Clean Water

Our Water. Our Future.



**1.** Help keep pollution out of storm drains

**2.** Fertilize sparingly and carefully

**3.** Carefully store and dispose of household cleaners, chemicals, and oil

**4.** Clean up after your pet

**5.** Practice good car care

**6.** Choose earth friendly landscaping

**7.** Save water

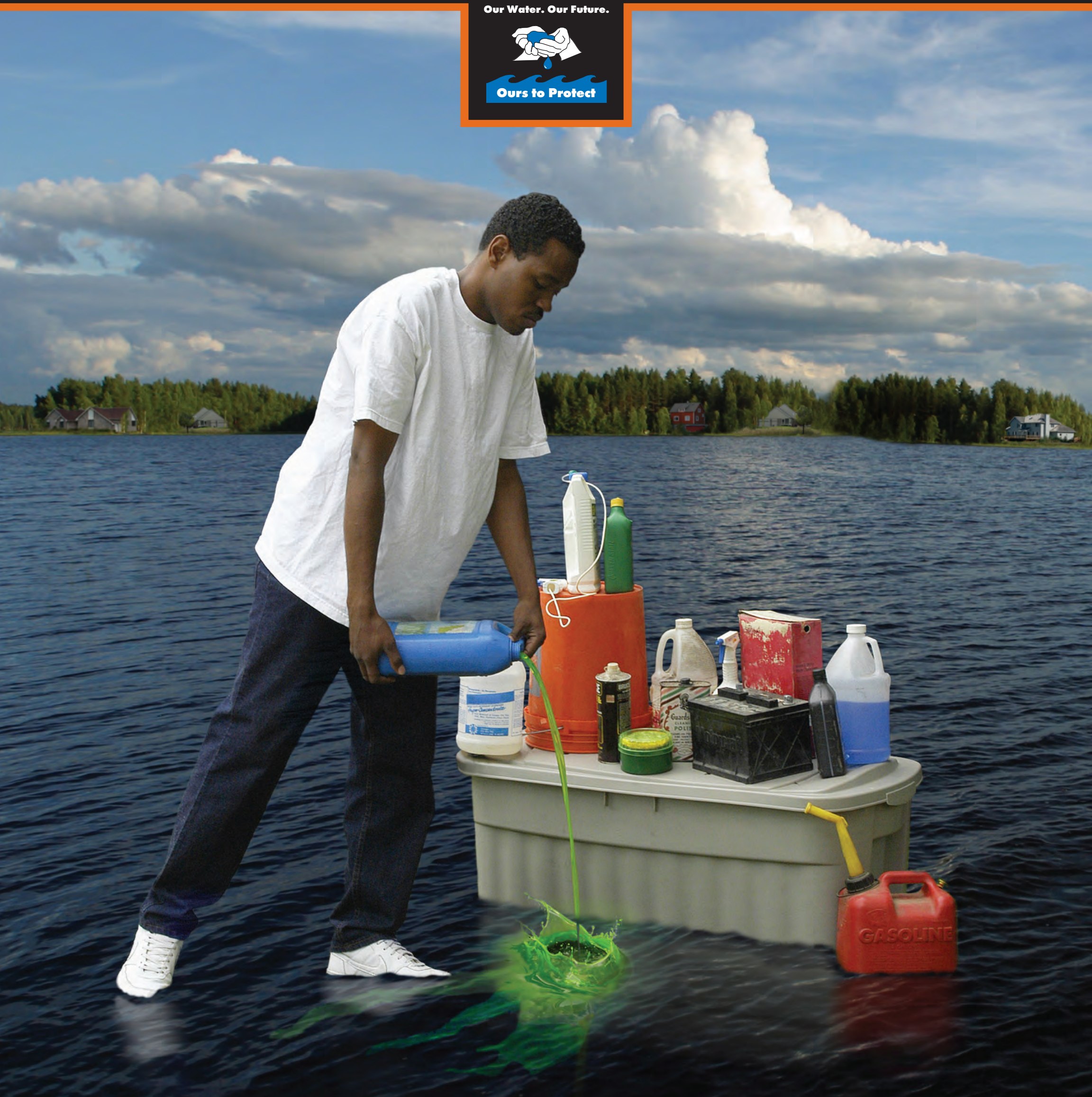
**Our Water. Our Future. Ours to Protect.**

Find out more at [www.semco.org](http://www.semco.org).

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Support provided by SEMCOG, the Southeast Michigan Council of Governments (313-961-4266) and the Rouge River National Wet Weather Demonstration Project.

# Remember, it's not just toxic to you

Our Water. Our Future.



## Carefully store and dispose of household cleaners, chemicals, and oil

Did you know that many **household products are dangerous to our pets, kids, and the environment?**

These materials get into our lakes and rivers if washed or dumped into a storm drain or roadside ditch.

What can you do? Simple.

**Proper disposal is key.** Take household cleaners, pesticides, gasoline, antifreeze, used oil, and other dangerous products to your **community's household hazardous waste collection day.** Contact your community for more information on these events.

Find out more at [www.semco.org](http://www.semco.org).

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Support provided by SEMCOG, the Southeast Michigan Council of Governments (313-961-4266) and the Rouge River National Wet Weather Demonstration Project.

# Remember, you're not just getting rid of weeds and pests

Our Water. Our Future.



Ours to Protect



## Choose earth-friendly landscaping

Did you know you can **protect your kids, pets, and the environment** from the harmful effects of herbicides & pesticides by choosing earth-friendly landscaping? These chemicals wash off our lawns and gardens into our storm drains, which lead to our lakes and rivers.

What can you do? Simple.

**Spot treat for specific pests and weeds or remove by hand.** Mulch around plants. **Water your lawn only when it needs it.** Attract butterflies and birds by **adding plants that are native to Southeast Michigan.**

Find out more at [www.semco.org](http://www.semco.org).

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Support provided by SEMCOG, the Southeast Michigan Council of Governments (313-961-4266) and the Rouge River National Wet Weather Demonstration Project.

# Remember, you're not just walking the dog

Our Water. Our Future.



## Clean up after your pet

Did you know that pet waste has bacteria that makes our lakes and rivers unsafe for swimming and other recreational activities?

That happens when **pet waste left on sidewalks or yards gets washed into storm drains**

or roadside ditches that lead directly to our lakes and rivers.

What can you do? Simple.

No matter where you are **dispose of your pet's waste promptly** in the toilet or trash.

Find out more at [www.semcog.org](http://www.semcog.org).

Brought to you by the Southeast Michigan Partners for Clean Water.

Support provided by SEMCOG, the Southeast Michigan Council of Governments (313-961-4266) and the Rouge River National Wet Weather Demonstration Project.

# Remember, it ALL drains to our lakes and rivers

Our Water. Our Future.



Ours to Protect



## Keep pollution out of storm drains

Storm drains and roadside ditches lead to our lakes and streams. **So, any oil, pet waste, leaves, or dirty water from washing your car or other outside activities** that enters a storm drain gets into our lakes and streams.

How can you help? Simple. **Use a broom instead of a hose** to clean your driveway. Keep leaves, grass clippings, and trash away from the storm drain, and **never dump motor oil, pet waste, or dirty, soapy water** down the storm drain. **Remember, only rain in the drain!**

Find out more at [www.semcog.org](http://www.semcog.org).

Brought to you by the Southeast Michigan Partners for Clean Water.

Support provided by SEMCOG, the Southeast Michigan Council of Governments (313-961-4266) and the Rouge River National Wet Weather Demonstration Project.



# Vehicle Fluid Tips

Pollution prevention



Keep lids closed



Avoid placing near floor drains



Keep tops of barrels clean



Clean out secondary containment pallets monthly



Containers should have a clear, readable label



Keep floor clean (of spills and oil dry)



# Keeping it Clean

## Municipal operations for clean water

### Dumpsters and loading docks

- Keep dumpster lids closed and inspect for leaks.
- Never place hazardous waste in a dumpster or trash bin.
- Do not leave out the dumpster interior or loading docks. Apply absorbent over any fluids spilled in the dumpster.
- Check loading and unloading equipment regularly for leaks.



### Vehicle and equipment fueling

- Look for and report leaks on vehicles when adding fuel.
- Use secondary containment when transferring fuel from the tank truck to the fuel tank. Cover storm drains in the vicinity during transfer.
- Place spill cleanup materials where they are readily accessible.
- Clean up small spills with absorbent materials rather than hosing down the area. Remove the absorbent materials promptly and dispose of in the trash.



### Vehicle and equipment washing

- Take vehicles to a commercial car wash. These facilities collect and treat the wastewater.
- If you wash vehicles onsite, wash equipment and vehicles ONLY in designated facilities where the wash water drains to the sanitary sewer system or is collected and recycled.
- Clean parts in a self-contained unit. Make sure that the parts washer is not connected to the storm drain.
- Use steam cleaning and pressure washing instead of solvents.



### Vehicle parking and equipment storage

- Inspect parking and storage areas for leaks.
- Store vehicles and equipment inside or under cover to prevent precipitation from washing pollutants into the storm drain.
- Store vehicles on a paved area that you can steam sweep regularly to remove drips, leaks, and dirt.
- Drain all fluids from wrecked cars when they arrive to prevent any spills or leaks.



### Vehicle and equipment maintenance

- Keep accurate maintenance logs and up-to-date inventory of materials.
- Perform vehicle maintenance in covered, designated service bays where spills and leaks can be properly contained.
- Recycle spent fluids. Do not dump down the drain or in the trash.
- Avoid hosing down your work areas. Use rags for small spills, a damp mop for general cleanup, and dry absorbent for larger spills.



### Chemical management – preventing leaks and spills

- Fit oil and chemical storage containers with secondary containment structures to contain spilled materials.
- Store materials indoors. If you do have outdoor storage areas, keep them covered to prevent rain from contacting the material.
- Cover and/or contain, through erosion control practices, stockpiles of raw materials (e.g., ash, soil) to prevent polluted stormwater runoff.
- Inspect storage areas regularly for spills and leaks. Keep containers and other storage devices in good condition without leaky seams or corrosion.



### Chemical management – when a spill occurs

- If a spill occurs, notify the key spill response personnel. If the material is hazardous, contact the local fire department.
- Never wash a spill into the storm drain or leave it without cleaning it up. Contain spills and block the nearby storm drain.
- Clean up non-hazardous spills by using a rag, damp cloth, or absorbent material.



SEMCOG

Funding provided in part by the Rouge River National Wet Weather Demonstration Program grant #0399143-06, and SEMCOG, the Southeast Michigan Council of Governments.

# Aggregate Storage Tips

Pollution prevention



Keep salt covered



Keep cold patch materials covered



Keep aggregate materials in bins



Avoid placing materials near storm drains



Keep material areas swept

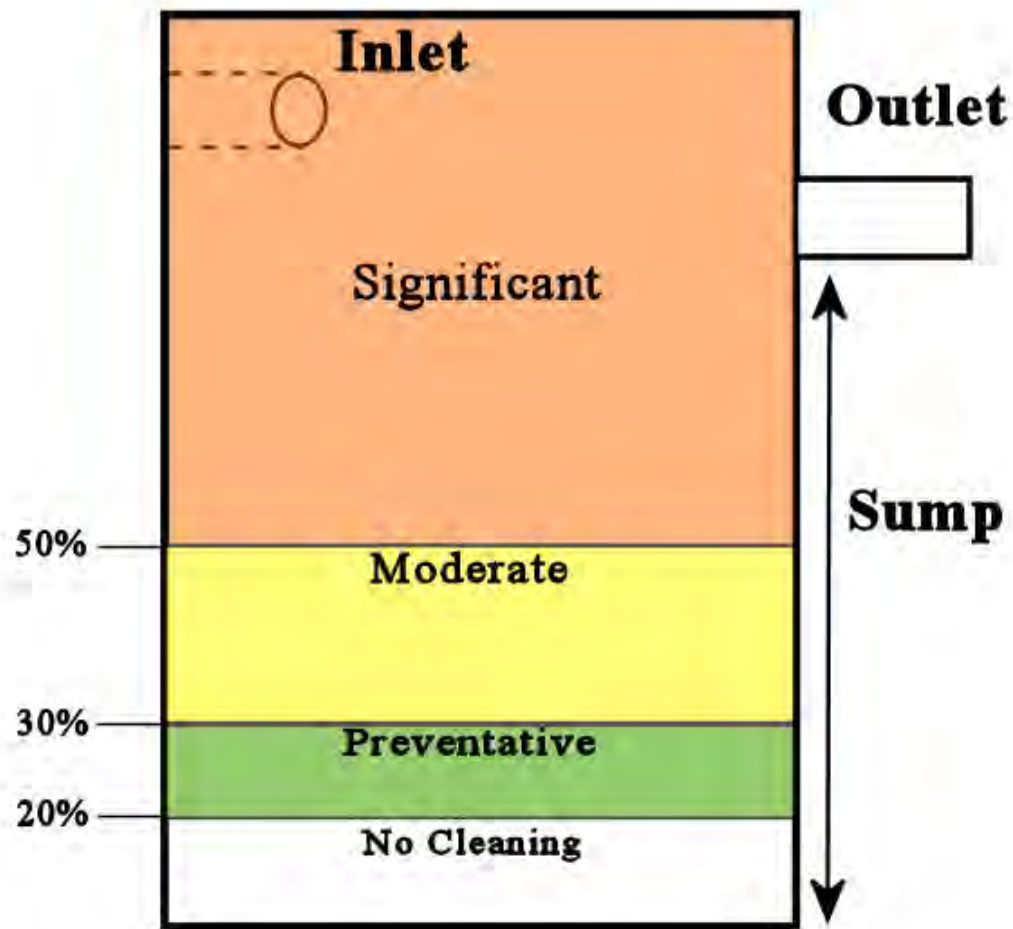


Catch basin cleanings and street sweepings must be contained

# Appendix E

## Inspection Field Worksheets





# Routine Storm Sewer System Inspection Table

|                    |                   |
|--------------------|-------------------|
| <b>Building:</b>   | "School/Location" |
| <b>Inspectors:</b> | "Inspectors Name" |
|                    |                   |

|                         |                                           |            |
|-------------------------|-------------------------------------------|------------|
| <b>Client:</b>          | "School District"                         |            |
| <b>Start Date:</b>      | "Start Date"                              | "End Date" |
| <b>Inspection Type:</b> | "Routine Storm Sewer Inspection or other" |            |

| ID #                                                                                                                     | Type                                                              | Inspected                                | Standing Water                                          | Color                                                                            | Odor                                               | Structure Staining                                                                                                                                                                                                        | Suds                                                                                                          | Oil Sheen                                                                                                                   | Bacterial Sheen                                                                                                                                        | Sewage                                                                                       | Algae                                                 | Slimes                                                 | Abnormal Vegetation                                     | Flow Observed                                                                                                                                                                 | Velocity of Flow                                                                                                                                             | Color of Flow                                                                                                                                                                         | Blockages                                                                                                                                          | Erosion                                                      | Needs Cleaning?                                                                                                                                                                                                                                                          | Structural Issues                                                                                                                                                                                                                                       | Structural Trend                                                                                                                                                                                                                                                      | Stenciled                                                                                                                                                                                             |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| "Storm Structure ID" Ex. ADM-01.CB(ADM represents building such as Admin, 01=number of structure, and CB=structure type. | Type of Structure (Catch Basin, Manhole, Pond, Swale, Pipe, etc.) | Was it inspected this round. (Yes or No) | Was there standing water in the structure? ( Yes or No) | What color is the standing water if present? (Clear, Cloudy, Brown, White, etc.) | Does the basin have a noticeable odor? (Yes or No) | Is there staining on the interior of the structure? (Yes or No) This could be staining caused by a current illicit discharge, remnants of a past illicit discharge, or natural staining from iron oxidizing bacteria etc. | Are there suds present in the structure (organic suds - caused by aeration/natural causes, soapy suds, or no) | Is there oil sheen present on the water surface in the structure? (Significant - indicative of an illicit discharge, OR No) | Is there bacterial sheen on water surface of the structure? (Yes or No) - We ask this to confirm that a sheen in a photo was bacterial instead of oil. | Is evidence of sewage present in water in structure? (toilet paper, poo, etc.) - (Yes or No) | Is Algae growth present in the structure? (Yes or No) | Are there slimes present in the structure? (Yes or No) | Is there abnormal veg. growth in structure? (Yes or No) | Was there water flow observed in the structures pipes? (No, Trickle(light flow), Intermittent(indicative of a sump), or continuous(usually occurs during/after a rain event)) | What is the estimated velocity of the water flow if present? (N/A, Trickle, slow, moderate, or substantial) Substantial occurs during or after a rain event. | What is the color of the flow within the structure? (N/A, Brown, Yellow, Clear, Cloudy, etc.) Used to be sure there is no evidence of illicit activities during or after rain events. | Are any pipes blocked? (Yes or No) This would be evident if there was a visible blockage in a pipe OR if the water level in the structure is high. | Is there erosion occurring around the structure? (Yes or No) | Does the structure have sediment build-up in the sump or bottom? (Significant - for 50% full sump depth below outpipe or higher, moderate - for 30% to 50% sump depth below outpipe, preventative - for 20% to 30% sump depth, OR no cleaning for below 20%. Or Cleaned) | Are there any issues with the structure itself and how severe is it? - This could be for cracking on the interior/exterior, sink holes, erosion, etc. (Significant, Moderate, Preventative, or None, Repaired-since last inspection, or Partial Repair) | If there is a structural issue, is the structural issue worsening since the previous inspection? (Stable - appears the same/hasn't worsened, Improving - appears better/usually for a repair or for erosion lessening, OR deteriorating - the condition has worsened) | Does the structure have a "No Dumping - Drains to River" stencil in place? (No - means it needs one, Yes - it has one, Update - it has one, but it is fading, OR N/A - the structure is in the grass) |  |



## Pond Inspection Form

|                                                                                                                                     |                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Building:</b> <input style="width: 90%;" type="text"/>                                                                           | <b>Client:</b> <input style="width: 90%;" type="text"/> |
| <b>Inspectors:</b> <input style="width: 50%; height: 20px;" type="text"/><br><input style="width: 50%; height: 20px;" type="text"/> |                                                         |
| <b>Date of Inspection:</b> <input style="width: 95%;" type="text"/>                                                                 |                                                         |

### Structure Information:

|                                                        |                                                                             |
|--------------------------------------------------------|-----------------------------------------------------------------------------|
| Structure ID: <input style="width: 90%;" type="text"/> | Number of Inlet(s) (OP): <input style="width: 90%;" type="text"/>           |
| Pond Type: <input style="width: 90%;" type="text"/>    | Number of Outlet(s) (DR): <input style="width: 90%;" type="text"/>          |
| Age of Pond: <input style="width: 90%;" type="text"/>  | Number of Stabilized Outlets (SO): <input style="width: 90%;" type="text"/> |

### Inlet(s)/Outlet(s) (OP/DR) Observations:

|                                                                                                                      |                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Are there any structural issues with the inlet(s)/outlet(s) (OP/DR)? <input style="width: 90%;" type="text"/>        | Structural Comments: <input style="width: 90%;" type="text"/>                                      |
| Is there excess sediment buildup at the inlet(s)/outlet(s) (OP/DR)? <input style="width: 90%;" type="text"/>         | Are the inlet(s)/outlet(s) (OP/DR) below the water level? <input style="width: 90%;" type="text"/> |
| Are the inlet(s)/outlet(s) (OP/DR) accessible or overgrown with vegetation? <input style="width: 90%;" type="text"/> |                                                                                                    |

### Pond Structure Observations:

|                                                                                                                             |                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Is there grass along the sides of the pond cut between 4" and 9"? <input style="width: 90%;" type="text"/>                  | Is there excess vegetation along the sides of the pond (not grass)? <input style="width: 90%;" type="text"/>   |
| Are there signs of erosion along the side slopes, berms and/or emergency spillway? <input style="width: 90%;" type="text"/> | Is there evidence of animal burrows around the sidewalls of the pond? <input style="width: 90%;" type="text"/> |

### Pond Vegetation Observations:

|                                                                                                        |                                                                                                                         |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| How much emergent vegetation is present in the pond bottom? <input style="width: 90%;" type="text"/>   | Vegetation Comments: <input style="width: 90%;" type="text"/>                                                           |
| Is emergent vegetation made up of native or invasive species? <input style="width: 90%;" type="text"/> | Is there decomposing vegetation or organic matter decaying on the pond bottom? <input style="width: 90%;" type="text"/> |

### General Pond Observations:

|                                                                                  |                                                                         |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Is the pond free of trash/other debris? <input style="width: 90%;" type="text"/> | Types of trash/debris present: <input style="width: 90%;" type="text"/> |
| General Comments: <input style="width: 95%; height: 30px;" type="text"/>         |                                                                         |



Pond Inspection Table Description

|                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ID #</b>                                                                                             | Enter structure ID                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Type</b>                                                                                             | Select from the following options: Retention Pond, Detention Pond, Retention Basin, Detention Basin                                                                                                                                                                                                                                                                                                                                               |
| <b>Inspected</b>                                                                                        | Select Yes or No. If unable to inspect the structure, please make a comment under "General Comments" as to why you could not inspect the structure                                                                                                                                                                                                                                                                                                |
| <b>Approximate Age of the Pond</b>                                                                      | This can be found using the history function in Google Earth for the site. Remember, this is an approximate age determination. We are interested in this information because pond life spans are between 15 and 20 years                                                                                                                                                                                                                          |
| <b>Number of Inlet(s) (OP)</b>                                                                          | Select the number of inlet pipe(s) from the drop down menu                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Number of Outlet(s) (DR)</b>                                                                         | Select the number of outlet pipe(s) from the drop down menu                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Number of Stabilized Outlet(s) (SO)</b>                                                              | Select the number of stabilized outlet(s) from the drop down menu                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Are there any structural issues with the inlet(s)/outlet(s) (OP/DR)?</b>                             | Examples include detached pipes, missing riprap around the inlet(s), missing stone around DR, etc.<br>Select one of the following options: None, Preventative, Moderate, Significant, or Repaired.<br>Preventative = beginning signs of deterioration<br>Moderate = signs of deterioration present but does not hinder the function of the structure<br>Significant = deterioration has hindered the function of the structure as it was designed |
| <b>Structural Comments</b>                                                                              | Describe the structural issues observed                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Is there excess sediment buildup at the inlet(s)/outlet(s) (OP/DR)?</b>                              | Examples include pipes that are buried under sediment or sediment levels higher than the bottom of the inlet(s)/outlet(s)                                                                                                                                                                                                                                                                                                                         |
| <b>Are the inlet(s)/outlet(s) (OP/DR) below the water level?</b>                                        | This could be a sign that the MS4 is backed up causing water to back up into the pond. If you suspect that, please investigate if that is the case. If the MS4 is not backed up, this could be a sign that the pond is not functioning as designed                                                                                                                                                                                                |
| <b>Are the inlet(s)/outlet(s) (OP/DR) accessible or overgrown with vegetation (native or invasive)?</b> | Overgrown vegetation at the inlet(s)/outlet(s) can prevent water from freely flowing in/out of the structure                                                                                                                                                                                                                                                                                                                                      |
| <b>Is the grass along the sides of the pond cut between 4" and 9"?</b>                                  | This is an ideal height range of grass around the pond to stabilize the sidewalls of the pond and to prevent erosion around the side walls of the pond                                                                                                                                                                                                                                                                                            |
| <b>Is there excess vegetation along the sidewalls of the pond (not grass)?</b>                          | Does the area look overgrown and unkempt? Select from the following options: Yes or No                                                                                                                                                                                                                                                                                                                                                            |
| <b>Are there signs of erosion along the side slopes, berms and/or emergency overflow?</b>               | Select from the following options: Yes or no                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Is there evidence of animal burrows around the sidewalls of the pond?</b>                            | Select from the following options: Yes or No. Animal burrows can destabilize the sidewalls of the pond                                                                                                                                                                                                                                                                                                                                            |
| <b>How much emergent vegetation is present in the pond bottom?</b>                                      | Select from the following options: 0%-25%, 25%-50%, or 50%-100%. Use your best judgement to determine this percentage. Ideally, the pond bottom should be made up of around 25% emergent vegetation<br>Emergent Vegetation Definition: Aquatic plants that grow with their roots under water but their leaves and stems above the surface of the water                                                                                            |
| <b>Is emergent vegetation made up of native or invasive species (phragmites or purple loosestrife)?</b> | See reference page in the Pond Inspection Reference page for photos of Phragmites and Purple Loosestrife to see if it is present.                                                                                                                                                                                                                                                                                                                 |
| <b>Vegetation Comments</b>                                                                              | If there are invasive species present, please write which ones are present                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Is there vegetation or organic matter decaying on the pond bottom?</b>                               | Select from the following options: Yes, No, or Unknown. If you can tell, great, this could have impact on DO or could cause flow issues through the pond                                                                                                                                                                                                                                                                                          |
| <b>Is the pond free of trash/other debris?</b>                                                          | Select from the following options: Yes or No. This can include trash/inorganic debris or organic material (like grass clippings, leaves, etc.)                                                                                                                                                                                                                                                                                                    |
| <b>Types of trash/debris present</b>                                                                    | Select from the following options: Trash, Natural Debris (organic material) or N/A                                                                                                                                                                                                                                                                                                                                                                |
| <b>General Comments</b>                                                                                 | Please add any other comments that you feel are important to note about the pond condition                                                                                                                                                                                                                                                                                                                                                        |

## Stream Bank Inspection Table

|                                                       |     |     |                                                        |                         |                |                        |  |
|-------------------------------------------------------|-----|-----|--------------------------------------------------------|-------------------------|----------------|------------------------|--|
| <b>Client:</b>                                        |     |     |                                                        | <b>Stream Name:</b>     |                |                        |  |
| <b>Inspectors:</b>                                    |     |     |                                                        | <b>Site :</b>           |                |                        |  |
|                                                       |     |     |                                                        | <b>Date:</b>            |                |                        |  |
| <b>Weather in the past 24 hours:</b>                  |     |     |                                                        | <b>Current Weather:</b> |                |                        |  |
| <b>Field Analysis:</b>                                |     |     |                                                        |                         |                |                        |  |
| Uptream Turbidity:                                    |     | NTU | Upstream Temperature:                                  |                         | Upstream pH:   |                        |  |
| Downstream Turbidity:                                 |     | NTU | Downstream Temperature:                                |                         | Downstream pH: |                        |  |
| <b>Physical Characterization:</b>                     |     |     |                                                        |                         |                |                        |  |
| <b><u>In-Stream Characteristics</u></b>               |     |     | <b><u>Streambank &amp; Channel Characteristics</u></b> |                         |                |                        |  |
| Pools:                                                | N/A |     | Depth of Run:                                          |                         |                | Stream Erodible Soils: |  |
| Runs:                                                 | N/A |     | Depth of Pool(s):                                      |                         |                | Bank Modifications:    |  |
| Riffles:                                              | N/A |     | Width of Stream:                                       |                         |                | Condition of Bank:     |  |
| Stream Bed Features:                                  |     |     | Stream Velocity:                                       |                         |                | Bank Slope:            |  |
| % of Embedded Bottom:                                 |     |     | Vegitative Cover:                                      |                         |                |                        |  |
| Organic Materials:                                    |     |     | Shape of Channel:                                      |                         |                |                        |  |
| Large Wooded Debris:                                  |     |     |                                                        |                         |                |                        |  |
| Water Appearance:                                     |     |     | <b><u>Additional Comments:</u></b>                     |                         |                |                        |  |
| Water Odor:                                           |     |     |                                                        |                         |                |                        |  |
| <b><u>Watershed / Biological Characteristics:</u></b> |     |     | <b><u>Stream Photos:</u></b>                           |                         |                |                        |  |
| Wildlife Around Stream:                               |     |     |                                                        |                         |                |                        |  |
| Fish In Stream:                                       |     |     |                                                        |                         |                |                        |  |
| Aquatic Plants in Stream:                             |     |     |                                                        |                         |                |                        |  |
| Extent of Alge :                                      |     |     |                                                        |                         |                |                        |  |
| Potential Stream Impact:                              |     |     |                                                        |                         |                |                        |  |

# Screening Inspection Log

|                    |  |                         |  |
|--------------------|--|-------------------------|--|
| <b>Building:</b>   |  | <b>Client:</b>          |  |
| <b>Inspectors:</b> |  | <b>Date:</b>            |  |
|                    |  | <b>Inspection Type:</b> |  |

**Structure Information:**

|                          |  |                |  |      |  |       |  |
|--------------------------|--|----------------|--|------|--|-------|--|
| ID Number:               |  | Structure Type |  | Lat: |  | Long: |  |
| Discharge Point/Outfall: |  | Location:      |  |      |  |       |  |
| Outfall Dimensions       |  |                |  |      |  |       |  |

**Observations:**

**Standing Water Characteristics**

|                  |  |
|------------------|--|
| Standing Water:  |  |
| Color:           |  |
| Odor:            |  |
| Suds:            |  |
| Staining:        |  |
| Oil Sheen:       |  |
| Sewage:          |  |
| Bacterial Sheen: |  |
| Floatables:      |  |
| Slimes:          |  |
| Abnormal Growth: |  |

**Flow Characteristics**

|                   |  |
|-------------------|--|
| Flow Observed:    |  |
| Source of Flow:   |  |
| Velocity of Flow: |  |
| Color of Flow:    |  |
| Flow Odor         |  |

**Maintenance**

|                   |  |
|-------------------|--|
| Cleaning:         |  |
| Blockages         |  |
| Structural Issues |  |
| Structural Trend  |  |
| Stenciling:       |  |

**Additional Comments:**

**Sample ID And Information**

|                                       |  |
|---------------------------------------|--|
| Sample Collected?                     |  |
| Permit Cycle:                         |  |
| Last Rain Event:                      |  |
| Current Weather:                      |  |
| Screening Location Type:              |  |
| Other Screening Activities Conducted: |  |
| Outfall Characterization:             |  |
| Sample sent to Lab:                   |  |

**Field Analysis:**

|               | Results: | Units:   | Initials: |
|---------------|----------|----------|-----------|
| pH:           |          | pH units |           |
| Temperature:  |          | Celsius  |           |
| Surfactants:  |          | mg/L     |           |
| Ammonia:      |          | mg/L     |           |
| Chlorine:     |          | mg/L     |           |
| Turbidity:    |          | NTU      |           |
| Conductivity: |          | uohm/cm  |           |

**Photo ID:**

**Equipment Calibration:**

|       |          |
|-------|----------|
| Date: | Cal. By: |
|-------|----------|

## TMDL Screening Inspection Log

|                                              |  |                                    |                                    |                        |               |
|----------------------------------------------|--|------------------------------------|------------------------------------|------------------------|---------------|
| <b>Building:</b>                             |  |                                    | <b>Client:</b>                     |                        |               |
| <b>Inspectors:</b>                           |  |                                    | <b>Date</b>                        |                        |               |
|                                              |  |                                    | <b>Inspection Type:</b>            |                        |               |
| <b>Structure Information:</b>                |  |                                    |                                    |                        |               |
| ID Number:                                   |  | Structure Type                     |                                    | Lat:                   | Long:         |
| Type:                                        |  | Location:                          |                                    |                        |               |
| Outfall Dimensions                           |  |                                    |                                    |                        |               |
| <b>Observations:</b>                         |  |                                    |                                    |                        |               |
| <b><u>Standing Water Characteristics</u></b> |  |                                    | <b><u>Flow Characteristics</u></b> |                        |               |
| Standing Water:                              |  | Flow Observed:                     |                                    |                        |               |
| Color:                                       |  | Source of Flow:                    |                                    |                        |               |
| Odor:                                        |  | Velocity of Flow:                  |                                    |                        |               |
| Suds:                                        |  | Color of Flow:                     |                                    |                        |               |
| Staining:                                    |  | Flow Odor                          |                                    |                        |               |
| Oil Sheen:                                   |  |                                    |                                    |                        |               |
| Sewage:                                      |  |                                    |                                    |                        |               |
| Bacterial Sheen:                             |  |                                    |                                    |                        |               |
| Algae:                                       |  |                                    |                                    |                        |               |
| Slimes:                                      |  |                                    |                                    |                        |               |
| Abnormal Growth:                             |  |                                    |                                    |                        |               |
|                                              |  | <b><u>Additional Comments:</u></b> |                                    |                        |               |
| <b>Sample ID And Information</b>             |  |                                    |                                    |                        |               |
| Sample ID:                                   |  | <b>Lab Analysis:</b>               | <b>Results:</b>                    | <b>TMDL Threshold:</b> | <b>Units:</b> |
| Time Collected:                              |  | pH:                                |                                    | 6.5 - 9                | pH units      |
| Last Rain Event:                             |  | Temperature:                       |                                    | N/A                    | Celsius       |
| Current Weather:                             |  | E. coli:                           |                                    | 1000                   | CFU per 100mL |
| Screening Location Type:                     |  | Total Phosphorus:                  |                                    | Watershed Dependent    | ug/L          |
| Total Rainfall (Inches):                     |  | Total Suspended Solids:            |                                    | Watershed Dependent    | mg/L          |
|                                              |  | Dissolved Oxygen:                  |                                    | Watershed Dependent    | mg/L          |
|                                              |  | Other:                             |                                    |                        |               |
| Outfall Characterization:                    |  |                                    |                                    |                        |               |
| Sample sent to Lab:                          |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |
|                                              |  |                                    |                                    |                        |               |

# SOIL EROSION AND SEDIMENTATION CONTROL (SESC) INSPECTION REPORT

**DEPARTMENT OF MANAGEMENT AND BUDGET  
INFRASTRUCTURE SERVICES, DESIGN AND CONSTRUCTION DIVISION**

Second Floor, Stevens T. Mason Building  
P.O. Box 30026, Lansing, Michigan 48909

This report is required to document soil erosion and sedimentation control on State of Michigan projects. (Authority: Part 91, PA 451)

|                 |                    |             |                 |                               |
|-----------------|--------------------|-------------|-----------------|-------------------------------|
|                 |                    |             |                 |                               |
| REPORT NUMBER   | SESC PERMIT NUMBER | REPORT DATE |                 | PERIOD (FROM WHEN - TO WHEN)  |
| INDEX NUMBER(S) | AGENCY NUMBER      | FILE NUMBER | CONTRACT NUMBER | DEPARTMENT/UNIVERSITY/COLLEGE |
| PROJECT NAME    |                    |             |                 |                               |
| CONTRACTOR      |                    |             |                 |                               |
| PROFESSIONAL    |                    |             |                 |                               |

A. REASON FOR INSPECTION:     Regular Inspection                       Post-Rain Event Inspection (explain below)

Weekly     Daily

B. CURRENT WEATHER CONDITIONS:

Sunny     Cloudy     Partly Cloudy     Windy                      Temperature \_\_\_\_\_

Precipitation:     Rain     Snow     Sleet     Hail                      Other (explain) \_\_\_\_\_

C. DESCRIBE SEVERE WEATHER (if applicable):

D. DESCRIBE WEATHER CONDITIONS SINCE LAST INSPECTION (Date of Last Inspection \_\_\_\_\_):

E. ARE THE CONTROLS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS?  Yes  No (Describe):

F. ARE THE CONTROLS IN PLACE FUNCTIONING PROPERLY?  Yes  No (Describe):

G. ARE THE CONTROLS BEING PROPERLY MAINTAINED?  Yes  No (Describe):

H. INDICATE THE SESC CONTROLS IN PLACE ON SITE (According to the DMB SESC Keying System):

| Best Management Practice                     | Present (check)          | Number or Lin Ft of Controls | Best Management Practice             | Present (check)          | Number or Lin Ft of Controls |
|----------------------------------------------|--------------------------|------------------------------|--------------------------------------|--------------------------|------------------------------|
| <b>Erosion Controls:</b>                     |                          |                              | <b>Erosion/Sediment Controls:</b>    |                          |                              |
| (E1) Selective Grading & Shaping             | <input type="checkbox"/> | _____                        | (ES31) Check Dam                     | <input type="checkbox"/> | _____                        |
| (E2) Grubbing Omitted                        | <input type="checkbox"/> | _____                        | (ES32) Stone Filter Berm             | <input type="checkbox"/> | _____                        |
| (E3) Slope Roughening & Scarification        | <input type="checkbox"/> | _____                        | (ES33) Filter Rolls                  | <input type="checkbox"/> | _____                        |
| (E4) Terraces                                | <input type="checkbox"/> | _____                        | (ES34) Sand Fence                    | <input type="checkbox"/> | _____                        |
| (E5) Dust Control                            | <input type="checkbox"/> | _____                        | (ES35) Dewatering                    | <input type="checkbox"/> | _____                        |
| (E6) Mulch                                   | <input type="checkbox"/> | _____                        | (ES36) Diversion Dike/Berm           | <input type="checkbox"/> | _____                        |
| (E7) Temporary Seeding                       | <input type="checkbox"/> | _____                        | (ES37) Diversion Ditch               | <input type="checkbox"/> | _____                        |
| (E8) Permanent Seeding                       | <input type="checkbox"/> | _____                        | (ES38) Cofferdam/Sheet Piling        | <input type="checkbox"/> | _____                        |
| (E9) Mulch Blankets                          | <input type="checkbox"/> | _____                        | (ES39) Streambank Biostabilization   | <input type="checkbox"/> | _____                        |
| (E10) Sodding                                | <input type="checkbox"/> | _____                        | (ES40) Polymers                      | <input type="checkbox"/> | _____                        |
| (E11) Vegetated Channels                     | <input type="checkbox"/> | _____                        | (ES41) Wattles                       | <input type="checkbox"/> | _____                        |
| (E12) Rip Rap                                | <input type="checkbox"/> | _____                        | <b>Sediment Controls:</b>            |                          |                              |
| (E13) Gabion Walls                           | <input type="checkbox"/> | _____                        | (S51) Silt Fence                     | <input type="checkbox"/> | _____                        |
| (E14) Energy Dissipator                      | <input type="checkbox"/> | _____                        | (S52) Catch Basin Sediment Guard     | <input type="checkbox"/> | _____                        |
| (E15) Temporary Slope Drain                  | <input type="checkbox"/> | _____                        | (S53) Stabilized Construction Access | <input type="checkbox"/> | _____                        |
| (E16) Slope Drain                            | <input type="checkbox"/> | _____                        | (S54) Tire Wash                      | <input type="checkbox"/> | _____                        |
| (E17) Cellular Confinement Systems           | <input type="checkbox"/> | _____                        | (S55) Sediment Basin                 | <input type="checkbox"/> | _____                        |
| (E18) Plastic Sheets                         | <input type="checkbox"/> | _____                        | (S56) Sediment Trap                  | <input type="checkbox"/> | _____                        |
| (E19) Temporary Drainageway/ Stream Crossing | <input type="checkbox"/> | _____                        | (S57) Vegetated Buffer/Filter Strip  | <input type="checkbox"/> | _____                        |
| (E20) Temporary Bypass Channel               | <input type="checkbox"/> | _____                        | (S58) Inlet Protection Fabric Drop   | <input type="checkbox"/> | _____                        |
| (E21) Live Staking                           | <input type="checkbox"/> | _____                        | (S59) Inlet Protection Fabric Fence  | <input type="checkbox"/> | _____                        |
| OTHER                                        | <input type="checkbox"/> | _____                        | (S60) Inlet Protection Stone         | <input type="checkbox"/> | _____                        |

I. WHAT CORRECTIVE ACTIONS SHOULD BE TAKEN BY THE CONTRACTOR?

J. BY WHAT DATE MUST THESE ACTIONS BE IMPLEMENTED: \_\_\_\_\_

K. OBSERVATIONS / COMMENTS:

\_\_\_\_\_  
Signature of Inspector

\_\_\_\_\_  
Date

cc:



# Appendix F

## Property Structural Controls Inventory, Inspection, & Maintenance Schedule



## Macomb Intermediate School District – Auxiliary Services Center Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Auxiliary Services Center</b><br><br>37623 Garfield Road, Clinton Township, MI 48036 | Low                                                       | Catch Basin/Manholes       | 16                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                         |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                         |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                         |                                                           | Detention Pond             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Macomb Intermediate School District – Bozymowski Center for Education Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Bozymowski Center for Education</b><br><br>11870 Eldorado, Sterling Heights, MI 48312 | Low                                                       | Catch Basin/Manholes          | 9                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                          |                                                           | Infiltration Basin            | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                          |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Macomb Intermediate School District – MISD Educational Service Center and Bus Garage Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>MISD Educational Service Center and Bus Garage Complex</b></p> <p>44001 Garfield Road, Clinton Township, MI 48038</p> <p>43923 Garfield Rd, Clinton Township, MI 48038</p> <p>The Bus Garage has a separate inventory. Please see the Bus Garage Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes          | 75                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                |                                                           | Detention Basin               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                |                                                           | Flow Splitter                 | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                |                                                           | Lift Station                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Macomb Intermediate School District – Bus Garage Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Bus Garage</b></p> <p>43923 Garfield Rd, Clinton Township, MI 48038</p> <p>The Bus Garage is included under the MISD Educational Service Center and Bus Garage Complex but has been separated for this inventory.</p> | High                                                      | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                             |                                                           | Trench Drain               | 5                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                             |                                                           | UST                        | 3                  | Inspect as part of the UST program.                           |
|                                                                                                                                                                                                                             |                                                           | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                             |                                                           | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                             |                                                           | Secondary Containment      | 4                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

## Macomb Intermediate School District – Flynn Educational Center Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flynn Educational Center</b><br><br>2899 Fox Hill Drive, Sterling Heights, MI 48310 | Low                                                       | Catch Basin/Manholes       | 24                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Basin Drain                | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Macomb Intermediate Schools District – Glen Peters School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Glen Peters School</b><br><br>46650 Heydenreich Road,<br>Macomb, MI 48044 | Low                                                       | Catch Basin/Manholes       | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                              |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Macomb Intermediate School District – Keith Bovenschen School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Keith Bovenschen School</b><br><br>12345 Frazho Road, Warren,<br>MI 48089 | Low                                                       | Catch Basin/Manholes       | 17                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                              |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Macomb Intermediate School District – Lutz School for Work Experience Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lutz School for Work Experience</b><br><br>19600 Cass Avenue, Clinton Township, MI 48038 | Low                                                       | Catch Basin/Manholes       | 21                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                             |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Macomb Intermediate School District – Maple Lane Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maple Lane Elementary School</b><br><br>34600 Dryden, Sterling Heights, MI 48312 | Low                                                       | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                     |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

**Macomb Intermediate School District – Neil Reid High School  
Structural Control Inventory, Inspection, & Maintenance Schedule**

| <b>Facility</b>                                                                     | <b>Priority Level of Potential Discharge (High, Medium, Low)</b> | <b>Type of Structural Control</b> | <b>Number of Controls</b> | <b>Inspection/Maintenance Schedule</b>                                                                                                    |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Neil Reid High School</b><br><br>37701 Harper Ave, Clinton<br>Township, MI 48036 | Low                                                              | Catch Basin/Manholes              | 9                         | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                     |                                                                  | Infiltration Basin                | 1                         | Inspect Annually, Maintain as Needed                                                                                                      |

# Macomb Intermediate School District – Rockwell Middle School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Rockwell Middle School</b><br><br>12225 Masonic, Warren, MI<br>48093 | Low                                                       | Catch Basin/Manholes       | 6                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                         |                                                           | Basin Drain                | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Anchor Bay Schools – Anchor Bay High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Anchor Bay High School</b><br><br>6319 County Line Road, Fair Haven, Michigan 48023 | Medium                                                    | Catch Basin/Manholes          | 149                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Open Pipe Outlet              | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Drainage Receptor             | 15                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Detention Basin               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Stormwater Conveyance Channel | 7                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Lift Station                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Stabilized Outlet             | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Trench Drain                  | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Anchor Bay Schools – Anchor Bay Middle School-North, Ashley Elementary School, Lighthouse Elementary School, Bus Garage, and Aquatic Center-Fitness Center Complex Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Anchor Bay Middle School-North, Ashley Elementary School, Lighthouse Elementary School, Bus Garage, and Aquatic Center &amp; Fitness Center Complex</b></p> <p>52805 Ashley Street, New Baltimore, Michigan 48047</p> <p>52347 Ashley Street, New Baltimore, Michigan 48047</p> <p>51880 Washington Street, New Baltimore, Michigan 48047</p> <p>51890 Washington Street, New Baltimore, Michigan 48047</p> <p>52401 Ashley Street, New Baltimore, Michigan 48047</p> <p>The Bus Garage has a separate inventory. Please see the Bus Garage Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes          | 74                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Open Pipe Outlet              | 11                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Drainage Receptor             | 9                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Infiltration Basin            | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Detention Pond                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Stormwater Conveyance Channel | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Trench Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Anchor Bay Schools – Bus Garage

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Bus Garage</b></p> <p>51890 Washington Street, New Baltimore, Michigan 48047</p> <p>The Bus Garage is included under the Anchor Bay Middle School-North, Ashley Elementary School, Lighthouse Elementary School, Bus Garage, and Aquatic Center &amp; Fitness Center Complex but has been separated for this inventory.</p> | High                                                      | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                                                                                                   |                                                           | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                                                   |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                                                   |                                                           | UST                        | 2                  | Inspect as part of the UST program.                           |

# Anchor Bay Schools – Anchor Bay Middle School-South and Sugarbush Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Anchor Bay Middle School-South and Sugarbush Elementary School Complex</b><br><br>48650 Sugarbush, New Baltimore, Michigan 48047<br><br>48400 Sugarbush, New Baltimore, Michigan 48047 | Medium                                                    | Catch Basin/Manholes          | 62                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                           |                                                           | Open Pipe Outlet              | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                           |                                                           | Drainage Receptor             | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                           |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                           |                                                           | Basin Drain                   | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                           |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Anchor Bay Schools – Early Childhood Center & School Age Childcare Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Early Childhood Center &amp; School Age Childcare</b><br><br>52680 Washington Street, New Baltimore, Michigan 48047 | Low                                                       | Catch Basin/Manholes          | 1                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                        |                                                           | Open Pipe Outlet              | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                        |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                        |                                                           | Retention Pond                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                        |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Anchor Bay Schools – Great Oaks Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Great Oaks Elementary School</b><br><br>32900 24 Mile Road,<br>Chesterfield Township,<br>Michigan 48047 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                            |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Anchor Bay Schools – Lottie Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lottie Elementary School</b><br><br>33700 Hooker, New Baltimore, Michigan 48047 | Low                                                       | Catch Basin/Manholes       | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Anchor Bay Schools – Maconce Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maconce Elementary School</b><br><br>6300 Church Road, Ira Township, Michigan 48023 | Low                                                       | Catch Basin/Manholes          | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Open Pipe Outlet              | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Detention Pond                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Lift Station                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Anchor Bay Schools – MacDonald Elementary School and Administration Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MacDonald Elementary School and Administration</b><br><br>5201 County Line, Casco, Michigan 48064 | Low                                                       | Catch Basin/Manholes       | 26                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                      |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                      |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                      |                                                           | Detention Pond             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Anchor Bay Schools – Naldrett Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Naldrett Elementary School</b><br><br>47800 Sugarbush, New<br>Baltimore, Michigan 48047 | Low                                                       | Catch Basin/Manholes       | 26                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

Clintondale Community Schools– Clintondale High School, Clintondale Middle School,  
and Clintondale Administration Complex

Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clintondale High School,<br/>Clintondale Middle School,<br/>and Clintondale<br/>Administration Complex</b><br><br>35200 Little Mack Ave, Clinton Township, MI 48035<br><br>35300 Little Mack Ave, Clinton Township, MI 48035<br><br>35100 Little Mack Avenue, Clinton Township MI, 48035 | Medium                                                    | Catch Basin/Manholes          | 67                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                             |                                                           | Basin Drain                   | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                             |                                                           | Infiltration Basin            | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                             |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                             |                                                           | Trench Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Clintondale Community Schools – McGlennen Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>McGlennen Elementary School</b><br><br>21415 Sunnyview Drive,<br>Clinton Township, MI 48035 | Low                                                       | Catch Basin/Manholes       | 24                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Clintondale Community Schools– Parker Elementary Schools

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Parker Elementary School</b><br><br>22055 Quinn Road, Clinton Township, MI 48035 | Low                                                       | Catch Basin/Manholes          | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                     |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                     |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Clintondale Community Schools– Rainbow Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Rainbow Elementary School</b><br>33749 Wurfel Street, Clinton Township, MI 48035 | Low                                                       | Catch Basin/Manholes       | 12                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                     |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                     |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

Center Line Public Schools – Administration/Center Line High School/Ellis Building-  
Special Services/Wolfe Middle School/(New) Peck Elementary School & Early Childhood  
Center Complex

Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Administration/Center Line High School/Ellis Building-Special Services/Wolfe Middle School/(New) Peck Elementary School &amp; Early Childhood Center Complex</b><br><br>26300 Arsenal Street, Center Line, MI 48015<br><br>26300 Arsenal Street, Center Line, MI 48015<br><br>26334 Arsenal, Center Line, MI 48015<br><br>8640 McKinley, Center Line, MI 48015<br><br>26201 Lorraine, Center Line, MI 48015 | Medium                                                    | Catch Basin/Manholes          | 88                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Basin Drain                   | 7                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Infiltration Basin            | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Underground Detention System  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Flow Splitter                 | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

Center Line Public Schools – Crothers Elementary School  
 Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Crothers Elementary School</b><br><br>27041 Campbell, Warren, MI<br>48093 | Low                                                       | Catch Basin/Manholes       | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

## Center Line Public Schools – Kaltz Center (Former Peck Elementary School)

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule      |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|--------------------------------------|
| <b>Kaltz Center (Former Peck Elementary School)</b><br><br>11300 Engleman, Warren, MI 48089 | Low                                                       | Infiltration Basin         | 4                  | Inspect Annually, Maintain as Needed |

## Center Line Public Schools – (New) Roose Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(New) Roose Elementary<br/>(Formerly Early Childhood Center/Formerly Ladd ES)</b><br><br>24580 Cunningham, Warren, MI 48091 | Low                                                       | Catch Basin/Manholes       | 2                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Center Line Public Schools – (Old) Roose Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control  | Number of Controls | Inspection/Maintenance Schedule                                                                                                                  |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>(Old) Roose Elementary School</b></p> <p>25310 Masch Ave, Warren, MI 48091</p> | <p>Low</p>                                                | <p>Catch Basin/Manholes</p> | <p>4</p>           | <p>Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth.</p> |

## Center Line Public School – Transportation and Maintenance Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Transportation and Maintenance</b><br><br>23901 Lawrence, Center Line, MI 48015 | High                                                      | Catch Basin/Manholes       | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Trench Drain               | 10                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |

# Chippewa Valley Schools – Algonquin Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Algonquin Middle School</b><br><br>19150 Briarwood Lane, Clinton Twp., MI 48036 | Low                                                       | Catch Basin/Manholes          | 54                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Swale                         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Chippewa Valley Schools – Cherokee Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cherokee Elementary School</b><br><br>42900 Rivergate Drive, Clinton Twp., MI 48038 | Low                                                       | Catch Basin/Manholes       | 23                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

Chippewa Valley Schools – Cheyenne Elementary School, Seneca Middle School, Dakota High School, and Dakota 9<sup>th</sup> Grade Center Complex  
Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cheyenne Elementary School, Seneca Middle School, Dakota High School, and Dakota 9th Grade Center Complex</b><br><br>47600 Heydenreich, Macomb, MI 48044<br><br>47200 Heydenreich, Macomb, MI 48044<br><br>21051 Twenty-One Mile Road, Macomb, MI 48044<br><br>21055 Twenty-One Mile Road, Macomb, MI 48044 | Medium                                                    | Catch Basin/Manholes          | 231                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                |                                                           | Open Pipe Outlet              | 21                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                |                                                           | Drainage Receptor             | 14                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                |                                                           | Infiltration Basin            | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                |                                                           | Retention Pond                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                |                                                           | Stormwater Conveyance Channel | 10                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                |                                                           | Detention Basin               | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                |                                                           | Trench Drain                  | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Chippewa Valley 9<sup>th</sup> Grade Center and Chippewa Valley High School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chippewa Valley 9th Grade Center and Chippewa Valley High School Complex</b><br><br>42755 Romeo Plank Rd, Clinton Township, MI 48038<br><br>18300 Nineteen Mile Road, Clinton Twp., MI 48038 | Medium                                                    | Catch Basin/Manholes       | 125                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                 |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                 |                                                           | Infiltration Basin         | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                 |                                                           | Stream Bank                | 1                  | Inspect and Maintain as Needed                                                                                                            |
|                                                                                                                                                                                                 |                                                           | Trench Drain               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                 |                                                           | Dirt/Gravel Roadway        | 1                  | Inspect Annually for dust, loose aggregate (Raveling), Potholes, and Depressions. Maintain as Needed                                      |

Chippewa Valley Schools – Clinton Valley Elementary School  
 Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clinton Valley Elementary School</b><br><br>1260 Mulberry, Mt. Clemens, MI 48043 | Low                                                       | Catch Basin/Manholes       | 9                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Chippewa Valley Schools – Fox Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fox Elementary School</b><br><br>17500 Millstone Drive,<br>Macomb, MI 48044 | Low                                                       | Catch Basin/Manholes          | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Huron Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Huron Elementary School</b><br><br>15800 Terra Bella, Clinton Twp., MI 48038 | Low                                                       | Catch Basin/Manholes          | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                 |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                 |                                                           | Stormwater Conveyance Channel | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Little Turtle Macomb Center and Shawnee Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Little Turtle Macomb Center and Shawnee Elementary School Complex</b><br><br>50375 Card Road, Macomb Twp., MI 48044<br><br>21555 Vesper, Macomb, MI 48044 | Low                                                       | Catch Basin/Manholes       | 27                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                              |                                                           | Open Pipe Outlet           | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                              |                                                           | Detention Pond             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Miami Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Miami Elementary School</b><br><br>41290 Kentvale, Clinton Twp.,<br>MI 48038 | Low                                                       | Catch Basin/Manholes       | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Open Pipe Outlet           | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                 |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                 |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                 |                                                           | Stabilized Outlet          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Chippewa Valley Schools – Mohawk Elementary School and Iroquois Middle School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mohawk Elementary School and Iroquois Middle School Complex</b><br><br>48101 Romeo Plank Road,<br>Macomb, MI 48044<br><br>48301 Romeo Plank Road,<br>Macomb, MI 48044 | Medium                                                    | Catch Basin/Manholes          | 66                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                          |                                                           | Open Pipe Outlet              | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Infiltration Basin            | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

Chippewa Valley Schools – Mohegan High School/Community Education Center, Erie  
Elementary School, and Transportation Building Complex  
Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Mohegan High School/Community Education Center, Erie Elementary School, and Transportation Building Complex</b></p> <p>19230 Cass Ave, Clinton Twp., MI 48038</p> <p>42276 Romeo Plank Road, Clinton Twp., MI 48038</p> <p>19120 Cass Avenue, Clinton Township, Michigan 48038</p> <p>The Transportation Building has a separate inventory. Please see the Transportation Building Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes          | 50                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Drainage Receptor             | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Stormwater Conveyance Channel | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Trench Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Transportation Building

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Transportation Building</b></p> <p>19120 Cass Avenue, Clinton Township, Michigan 48038</p> <p>The Transportation Building is included under the Mohegan High School/Community Education Center, Erie Elementary School, and Transportation Complex but has been separated for this inventory.</p> | High                                                      | Sediment Trap              | 2                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                         |                                                           | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                         |                                                           | Trench Drain               | 3                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                         |                                                           | UST                        | 3                  | Inspect as part of the UST program.                           |
|                                                                                                                                                                                                                                                                                                         |                                                           | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                                                                         |                                                           | Secondary Containment      | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                                                                         |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

# Chippewa Valley Schools – Ojibwa Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ojibwa Elementary School</b><br><br>46950 Heydenreich, Macomb,<br>MI 48044 | Low                                                       | Catch Basin/Manholes       | 25                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Open Pipe Outlet           | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Drainage Receptor          | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Detention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley School – Ottawa Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ottawa Elementary School</b><br><br>18601 Millar, Clinton Twp., MI<br>48036 | Low                                                       | Catch Basin/Manholes          | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Sequoyah Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sequoyah Elementary School</b><br><br>18500 24 Mile Rd., Macomb,<br>MI 48042 | Low                                                       | Catch Basin/Manholes       | 35                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Hydrodynamic Separator     | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Chippewa Valley Schools – Wyandot Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wyandot Middle School</b><br><br>39490 Garfield, Clinton Twp.,<br>MI 48038 | Low                                                       | Catch Basin/Manholes       | 50                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Detention Pond             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Stabilized Outlet          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Eastpointe Community Schools – Eastpointe Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eastpointe Middle School</b><br>2701 Kelly Road, Eastpointe,<br>MI 48021 | Low                                                       | Catch Basin/Manholes       | 31                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                             |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Eastpointe Community Schools – Forest Park Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Forest Park Elementary School</b><br>18361 Forest Avenue,<br>Eastpointe, MI 48021 | Low                                                       | Catch Basin/Manholes       | 10                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Fitzgerald Public Schools – Administration Building, Bus Garage, Fitzgerald High School, and Fitzgerald Recreation Center Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Administration Building, Bus Garage, Fitzgerald High School, and Fitzgerald Recreation Center Complex</b></p> <p>23020 Ryan Road, Warren, MI 48091</p> <p>4217 Nine Mile Road, Warren, MI 48091</p> <p>23200 Ryan Road, Warren, MI 48091</p> <p>4355 E. 9 Mile Road, Warren, MI 48091</p> <p>The Bus Garage has a separate inventory. Please see the FiPS Bus Garage Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 40                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           | Infiltration Basin         | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fitzgerald Public Schools – Bus Garage

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Bus Garage</b></p> <p>4217 Nine Mile Road, Warren, Michigan 48091</p> <p>The Bus Garage is included under the Administration Building, Bus Garage, Fitzgerald High School, and Fitzgerald Recreation Center Complex but has been separated for this inventory.</p> | High                                                      | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

# Fitzgerald Public Schools– Chatterton Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chatterton Middle School</b><br><br>24333 Ryan Road, Warren, MI<br>48091 | Low                                                       | Catch Basin/Manholes       | 41                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                             |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fitzgerald Public Schools – Mound Park Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control  | Number of Controls | Inspection/Maintenance Schedule                                                                                                                  |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Mound Park Elementary School</b></p> <p>5356 Toepfer Road, Warren, MI 48091</p> | <p>Low</p>                                                | <p>Catch Basin/Manholes</p> | <p>1</p>           | <p>Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth.</p> |

# Fitzgerald Public Schools – Schofield Early Childhood Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Schofield Early Childhood Center</b><br><br>21555 Warner Road, Warren, MI 48091 | Low                                                       | Catch Basin/Manholes          | 2                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fitzgerald Public Schools – Westview Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Westview Elementary School</b><br><br>24077 Warner Road, Warren,<br>MI 48091 | Low                                                       | Catch Basin/Manholes       | 21                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Administration Building, Fraser High School, Richards Middle School, and Maintenance Facility Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Administration Building, Fraser High School, Richards Middle School, and Maintenance Facility Complex</b></p> <p>33466 Garfield Road, Fraser, Michigan 48026</p> <p>34270 Garfield Road, Fraser, Michigan 48026</p> <p>33500 Garfield Road, Fraser, Michigan 48026</p> <p>33499 Klein Road, Fraser, Michigan 48026</p> <p>The Maintenance Facility has a separate inventory. Please see the Maintenance Facility Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 80                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Open Pipe Outlet           | 7                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Infiltration Basin         | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Basin Drain                | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Detention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Stabilized Outlet          | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Fraser Public Schools – Maintenance Facility

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Maintenance Facility</b></p> <p>33499 Klein Road, Fraser, Michigan 48026</p> <p>Maintenance Facility is included under the Administration Building, Fraser High School, Richards Middle School, and Maintenance Facility Complex but has been separated for this inventory.</p> | High                                                      | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

## Fraser Public Schools – Fraser Bus Garage

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fraser Bus Garage</b><br><br>16465 Masonic Blvd., Fraser,<br>Michigan 48026 | High                                                      | Catch Basin/Manholes       | 1                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                |                                                           | UST                        | 2                  | Inspect as part of the UST program.                                                                                                       |
|                                                                                |                                                           | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                |                                                           | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Disney Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disney Elementary School</b><br><br>36155 Kelly Road, Clinton Township, Michigan 48035 | Low                                                       | Catch Basin/Manholes          | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                           |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Infiltration Basin            | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Dooley Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dooley Center</b><br><br>16170 Canberra Street,<br>Roseville, Michigan 48066 | Low                                                       | Catch Basin/Manholes       | 7                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Thomas Edison Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Thomas Edison Elementary School</b><br><br>17470 Sewell Avenue, Fraser,<br>Michigan 49649 | Low                                                       | Catch Basin/Manholes       | 7                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                              |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                              |                                                           | Swale                      | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Eisenhower Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eisenhower Elementary School</b><br><br>31275 Eveningside, Fraser, Michigan 48026 | Low                                                       | Catch Basin/Manholes          | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Open Pipe Outlet              | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Infiltration Basin            | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Retention Basin               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Swale                         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Emerson Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emerson Elementary School</b><br><br>32151 Danna Street, Fraser,<br>Michigan 48026 | Low                                                       | Catch Basin/Manholes       | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                       |                                                           | Infiltration Basin         | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                       |                                                           | Swale                      | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Fraser Public Schools – Salk Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Salk Elementary School</b><br><br>17601 15 Mile Road, Clinton Township, Michigan 48035 | Low                                                       | Catch Basin/Manholes          | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                           |                                                           | Drainage Receptor             | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Infiltration Basin            | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Stormwater Conveyance Channel | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Swale                         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Fraser Public Schools – Mark Twain Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule      |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|--------------------------------------|
| <b>Mark Twain Elementary School</b><br><br>30601 Calahan Road, Roseville,<br>Michigan 48066 | Low                                                       | Infiltration Basin            | 5                  | Inspect Annually, Maintain as Needed |
|                                                                                             |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed |
|                                                                                             |                                                           | Flow Splitter                 | 1                  | Inspect Annually, Maintain as Needed |

# Lakeview Public Schools – Ardmore Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ardmore Elementary School</b><br>27001 Greater Mack, St. Clair Shores, MI 48081 | Low                                                       | Catch Basin/Manholes       | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Lakeview Public Schools – Greenwood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Greenwood Elementary School</b><br><br>27900 Joan, St. Clair Shores, MI 48081 | Low                                                       | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                  |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Lakeview Public Schools – Harmon Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Harmon Elementary School</b><br><br>24800 Harmon Street, St. Clair Shores, MI 48080 | Low                                                       | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Lakeview Public Schools – Jefferson Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Jefferson Middle School</b><br><br>27900 Rockwood, St. Clair Shores, MI 48081 | Low                                                       | Catch Basin/Manholes       | 24                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                  |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                  |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                  |                                                           | Hydrodynamic Separator     | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

Lakeview Public Schools – Lakeview High School, Administration, and Wheat Early  
 Childhood Development Center Complex  
 Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lakeview High School, Administration, and Wheat Early Childhood Development Center Complex</b><br><br>21100 East 11 Mile Road, St. Clair Shores, MI 48081<br><br>27575 Harper Avenue, St. Clair Shores, MI 48081 | High                                                      | Catch Basin/Manholes       | 58                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                     |                                                           | Basin Drain                | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                     |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                     |                                                           | Hydrodynamic Separator     | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                     |                                                           | AST                        | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |

# Lakeview Public Schools – Princeton Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Princeton Elementary School</b><br><br>20300 Statler, St. Clair Shores,<br>MI 48081 | Low                                                       | Catch Basin/Manholes       | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# L'Anse Creuse Public Schools – Atwood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Atwood Elementary School</b><br><br>45690 North Avenue,<br>Macomb, MI 48042 | Low                                                       | Catch Basin/Manholes          | 20                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Detention Basin               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# L'Anse Creuse Public Schools – Emma V. Lobbestael Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emma V. Lobbestael Elementary School</b><br><br>38495 Prentiss Street,<br>Harrison, MI 48045 | Low                                                       | Catch Basin/Manholes       | 16                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                 |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# L'Anse Creuse Public Schools – Green Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Green Elementary School</b><br><br>47260 Sugarbush Road,<br>Chesterfield, MI 48047 | Low                                                       | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# L'Anse Creuse Public Schools – Joseph M. Carkenord Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Joseph M. Carkenord Elementary School</b><br><br>27100 24 Mile Road,<br>Chesterfield, MI 48051 | Low                                                       | Catch Basin/Manholes       | 33                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

L'Anse Creuse Public Schools – L'Anse Creuse High School-Central, L'Anse Creuse Child Care Center (Graham Elementary School), and L'Anse Creuse Middle School-Central Complex

Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>L'Anse Creuse High School-Central, L'Anse Creuse Child Care Center (Graham Elementary School), and L'Anse Creuse Middle School-Central Complex</b></p> <p>38495 L'Anse Creuse Road, Harrison, MI 48045</p> <p>25555 Crocker Boulevard, Harrison, MI 48045</p> <p>38000 Reimold, Harrison, MI 48045</p> | Medium                                                    | Catch Basin/Manholes       | 86                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                              |                                                           | Basin Drain                | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                              |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                              |                                                           | Trench Drain               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

L'Anse Creuse Public Schools – L'Anse Creuse Middle School-East, Francis A. Higgins  
Elementary School, and Anna Mae Burdi Center Complex  
Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L'Anse Creuse Middle School-East, Francis A. Higgins Elementary School, and Anna Mae Burdi Center Complex</b><br><br>30300 Hickey Road,<br>Chesterfield, MI 48051<br><br>29901 24 Mile Road,<br>Chesterfield, MI 48051<br><br>29851 24 Mile Road,<br>Chesterfield Twp., MI 48051 | Medium                                                    | Catch Basin/Manholes          | 112                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                     |                                                           | Basin Drain                   | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                     |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                     |                                                           | Infiltration Basin            | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                     |                                                           | Stormwater Conveyance Channel | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |

# L'Anse Creuse Public Schools – L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex</b><br><br>23700 21 Mile Road, Macomb, MI 48042<br><br>46201 Fairchild, Macomb, MI 48042 | Medium                                                    | Catch Basin/Manholes          | 67                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                           |                                                           | Open Pipe Outlet              | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                           |                                                           | Drainage Receptor             | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                           |                                                           | Detention Pond                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                           |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                           |                                                           | Trench Drain                  | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# L'Anse Creuse Public Schools – L'Anse Creuse Middle School-South and Donald J. Yacks Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L'Anse Creuse Middle School-South and Donald J. Yacks Elementary School Complex</b><br><br>34641 Jefferson Avenue,<br>Harrison, MI 48045<br><br>34700 Union Lake Rd.,<br>Harrison, MI 48045 | Medium                                                    | Catch Basin/Manholes          | 37                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                |                                                           | Open Pipe Outlet              | 14                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                |                                                           | Drainage Receptor             | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                |                                                           | Detention Basin               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                |                                                           | Stormwater Conveyance Channel | 10                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                |                                                           | Lift Station                  | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# L'Anse Creuse Public Schools – South River Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>South River Elementary School</b><br><br>27733 South River Road,<br>Harrison, MI 48045 | Low                                                       | Catch Basin/Manholes          | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                           |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# L'Anse Creuse Public Schools – Tenniswood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tenniswood Elementary School</b><br><br>23450 Glenwood Ave., Clinton Twp., MI 48035 | Low                                                       | Catch Basin/Manholes          | 27                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Open Pipe Outlet              | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                        |                                                           | Stormwater Conveyance Channel | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

L'Anse Creuse Public Schools – Wheeler Community Center-Administration Office,  
 Transportation & Maintenance Center, Frederick Pankow Center, and Pellerin Center  
 Complex

Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wheeler Community Center-Administration Office, Transportation &amp; Maintenance Center, Frederick Pankow Center, and Pellerin Center Complex</b><br><br>24076 Frederick Pankow Blvd, Clinton Township, MI 48036<br><br>24400 Frederick Pankow Blvd, Clinton Township, MI 48036<br><br>24600 Frederick Pankow Blvd, Clinton Township, MI 48036<br><br>24001 Frederick Pankow Blvd, Clinton Township, MI 48036 | High                                                      | Catch Basin/Manholes          | 79                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# L'Anse Creuse Public Schools – Transportation & Maintenance Center Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Transportation &amp; Maintenance Center</b></p> <p>24400 Frederick Pankow Blvd,<br/>Clinton Township, MI 48036</p> <p>The Transportation &amp; Maintenance Center is included under the LCPS Wheeler Community Center-Administration Office, Transportation &amp; Maintenance Center, Frederick Pankow Center, and Pellerin Center Complex but has been separated for this inventory.</p> | High                                                      | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           | Trench Drain               | 5                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           | UST                        | 3                  | Inspect as part of the UST program.                           |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           | Secondary Containment      | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

# Lake Shore Public Schools – John F. Kennedy Middle School/SCS Adult & Community Education (#1) Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>John F. Kennedy Middle School/SCS Adult &amp; Community Education (#1) Complex</b><br><br>23101 Masonic Boulevard, St Clair Shores, Michigan 48082<br><br>23055 Masonic Boulevard, St. Clair Shores, Michigan 48082 | Low                                                       | Catch Basin/Manholes       | 30                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                        |                                                           | Infiltration Basins        | 2                  | Inspect Annually, Maintain as Needed.                                                                                                     |

# Lake Shore Public Schools – Lakeshore High School and Lake Shore Maintenance Facility Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Lakeshore High School and Lake Shore Maintenance Facility Complex</b></p> <p>22980 East 13 Mile Road, St. Clair Shores, Michigan 48082</p> <p>23120 Thirteen Mile Road, St. Clair Shores, Michigan 48082</p> <p>Lake Shore Maintenance Facility is included under the Lakeshore High School and Lake Shore Maintenance Facility Complex but has been separated for this inventory.</p> | High                                                      | Catch Basin/Manholes       | 58                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                                              |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                              |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Lake Shore Public Schools – Lake Shore Maintenance Facility Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Lake Shore Maintenance Facility</b></p> <p>23120 Thirteen Mile Road, St. Clair Shores, MI 48082</p> <p>Lake Shore Maintenance Facility is included under the Lake Shore High School and Lake Shore Maintenance Complex but has been separated for this inventory.</p> | High                                                      | Catch Basin/Manholes       | 9                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                             |                                                           | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                             |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                             |                                                           | UST                        | 1                  | Inspect as part of the UST program.                                                                                                       |
|                                                                                                                                                                                                                                                                             |                                                           | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |

## Lake Shore Public Schools – Masonic Heights Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Masonic Heights Boulevard Elementary School</b><br><br>22100 Masonic, St. Clair Shores, Michigan | Low                                                       | Catch Basin/Manholes       | 17                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                     |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

Lake Shore Public Schools – North Lake High School/SCS Adult & Community Education  
 (#2) Complex

Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>North Lake High School/ SCS Adult &amp; Community Education (#2) Complex</b></p> <p>23340 Elmira Boulevard, St. Clair Shores, Michigan 48082</p> | Medium                                                    | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |



# Lake Shore Public Schools – Rodgers Elementary School and Administration Building Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Rodgers Elementary School and Lakeshore Administration Building Complex</b><br><br>21601 L'Anse Street, St. Clair Shores, Michigan 48081<br><br>28850 Harper Avenue, St. Clair Shores, Michigan 48081 | Low                                                       | Catch Basin/Manholes          | 20                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                          |                                                           | Infiltration Basins           | 6                  | Inspect Annually, Maintain as Needed.                                                                                                     |
|                                                                                                                                                                                                          |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed.                                                                                                     |

## Lake Shore Public Schools – Taylor International School and Dormitory Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Taylor International School and Dormitory</b><br><br>30401 Taylor Street, St. Clair Shores, Michigan 48082 | Low                                                       | Catch Basin/Manholes       | 12                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                               |                                                           | Infiltration Basins        | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Lake Shore Public Schools – Violet Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Violet Elementary School</b><br>22020 Violet Street, St. Clair Shores, Michigan 48082 | Low                                                       | Catch Basin/Manholes       | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                          |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Macomb Community College – Center Campus Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Macomb Community College – Center Campus</b></p> <p>44575 Garfield Road<br/>Clinton Township, MI 48038</p> <p>The Maintenance Facilities and Salt Storage Shed have a separate inventory. Please see the Center Campus - Maintenance Facilities and Salt Storage Shed Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | Medium                                                    | Catch Basin/Manholes          | 317                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Open Pipe Outlet              | 19                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Drainage Receptor             | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Infiltration Basin            | 10                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Detention Basin               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Swale                         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Hydrodynamic Separator        | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Trench Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Macomb Community College – Center Campus – Maintenance Facilities and Salt Storage Shed

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|------------------------------------------------------------------------------------------------------|
| <p><b>Macomb Community College – Center Campus – Maintenance Facilities and Salt Storage Shed</b></p> <p>44575 Garfield Road<br/>Clinton Township, MI 48038</p> <p>The Maintenance Facilities and Salt Storage Shed are included under the Center Campus but has been separated for this inventory.</p> | High                                                      | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                        |
|                                                                                                                                                                                                                                                                                                         |                                                           | Sediment Tank              | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                        |
|                                                                                                                                                                                                                                                                                                         |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                        |
|                                                                                                                                                                                                                                                                                                         |                                                           | Aggregate Storage Piles    | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                        |
|                                                                                                                                                                                                                                                                                                         |                                                           | Dirt/Gravel Parking Lot    | 2                  | Inspect Annually for dust, loose aggregate (Raveling), Potholes, and Depressions. Maintain as Needed |

# Macomb Community College – East Campus

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Macomb Community College – East Campus</b></p> <p>21901 Dunham Road<br/>Clinton Township, MI 48036</p> <p>The Police and Fire Training Building has a separate inventory. Please see the Police and Fire Training Building Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes          | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                          |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                          |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Macomb Community College – East Campus Police and Fire Training Building Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>East Campus Police and Fire Training Building</b></p> <p>21901 Dunham Road, Clinton Township, MI 48036</p> <p>The Police and Fire Training Building is included under the East Campus but has been separated for this inventory.</p> | High                                                      | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                            |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                          |

# Macomb Community College – M-TEC Campus

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                       |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------------------------------|
| <b>Macomb Community College - M-TEC Campus</b><br><br>7900 Tank Avenue<br>Warren, MI 48092 | Low                                                       | Catch Basin/Manholes       | 9                  | Inspect/Clean during the 2 <sup>nd</sup> and 4 <sup>th</sup> year of the permit cycle |
|                                                                                            |                                                           | Rain Garden                | 2                  | Inspect Annually, Maintain as Needed                                                  |



## Macomb Community College – South Campus Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Macomb Community College – South Campus</b></p> <p>14500 E. 12 Mile Road<br/>Warren, MI 48088-3896</p> <p>The Maintenance Facility and Salt Storage Shed have a separate inventory. Please see the South Campus - Maintenance Facility and Salt Storage Shed Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 251                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                            |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                            |                                                           | Trench Drain               | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Macomb Community College – South Campus – Maintenance Facilities and Salt Storage Shed

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Macomb Community College – South Campus – Maintenance Facility and Salt Storage Shed</b></p> <p>14500 E. 12 Mile Road<br/>Warren, MI 48088-3896</p> <p>The Maintenance Facility and Salt Storage Shed are included under the South Campus but has been separated for this inventory.</p> | High                                                      | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                                                                |                                                           | Trench Drain               | 3                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                                                                |                                                           | AST                        | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

# Mount Clemens Community Schools – M.L. King Jr. Early Childhood Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>M.L. King Jr. Early Childhood Center</b><br><br>400 Clinton River Drive, Mount Clemens, MI 48043 | Low                                                       | Catch Basin/Manholes       | 24                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                     |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Mount Clemens Community Schools – Mount Clemens High School and Mount Clemens Middle School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mount Clemens High School and Mount Clemens Middle School Complex</b><br><br>155 Cass Avenue, Mount Clemens, MI 48043<br><br>167 Cass Avenue, Mount Clemens, MI 48043 | Medium                                                    | Catch Basin/Manholes          | 55                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                          |                                                           | Infiltration Basin            | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Trench Drain                  | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Mount Clemens Community Schools – Seminole Academy (K-5)

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Seminole Academy (K-5)</b><br><br>1500 Mulberry, Mount Clemens, MI 48043 | Low                                                       | Catch Basin/Manholes          | 35                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                             |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Mount Clemens Community Schools – Washington Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Washington Elementary School</b></p> <p>196 North Rose, Mount Clemens, MI 48043</p> | Low                                                       | Catch Basin/Manholes       | 7                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# New Haven Community Schools – Administration Building and Bus Garage Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Administration Building and Bus Garage</b></p> <p>30375 Clark Street, New Haven, MI 48048</p> <p>The Bus Garage has a separate inventory. Please see the NHCS Bus Garage Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 27                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                        |                                                           | Trench Drain               | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

# New Haven Community Schools – Bus Garage

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Bus Garage</b></p> <p>30375 Clark Street, New Haven, MI 48048</p> <p>The Bus Garage is included under the NHCS Administration Building and Bus Garage Complex but has been separated for this inventory.</p> | High                                                      | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |



# New Haven Community Schools– New Haven Elementary School and New Haven High School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>New Haven Elementary School and New Haven High School Complex</b><br><br>57701 River Oaks Drive, New Haven, MI 48048<br><br>57700 Gratiot Avenue, New Haven, MI 48048 | Medium                                                    | Catch Basin/Manholes          | 71                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                          |                                                           | Open Pipe Outlet              | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Infiltration Basin            | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Detention Pond                | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                          |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Romeo Community School District – Administration Building Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Administration Building</b><br><br>316 North Main Street, Romeo, MI 48065 | Low                                                       | Catch Basin/Manholes       | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Romeo Community Schools – Amanda Moore Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control  | Number of Controls | Inspection/Maintenance Schedule                                                                                                                  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Amanda Moore Elementary School</b></p> <p>209 Dickenson Street, Romeo, MI 48065</p> | <p>Low</p>                                                | <p>Catch Basin/Manholes</p> | <p>14</p>          | <p>Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth.</p> |

# Romeo Community Schools – Croswell Early Childhood Center and Transportation Facility Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Croswell Early Childhood Center and Transportation Facility Complex</b></p> <p>175 Croswell St, Romeo, MI 48065</p> <p>399 Sisson, Romeo, MI 48065</p> <p>The Transportation Facility has a separate inventory. Please see the Transportation Facility Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | Medium                                                    | Catch Basin/Manholes          | 32                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                                      |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                      |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Romeo Community Schools – Transportation Facility Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Transportation Facility</b></p> <p>175 Croswell St., Romeo, MI 48065</p> <p>The Transportation Facility is included under the Croswell Early Childhood Center and Transportation Facility Complex but has been separated for this inventory.</p> | High                                                      | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                                        |                                                           | AST                        | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                        |                                                           | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                                        |                                                           | Secondary Containment      | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

## Romeo Community Schools – (Former) Romeo Middle School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FORMER Romeo Middle School (Demolished)</b><br><br>297 Prospect St., Romeo, MI 48065 | Low                                                       | Catch Basin/Manholes       | 6                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                         |                                                           | Retention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Romeo Community Schools – Hamilton Parson Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hamilton-Parsons Elementary School</b><br><br>69875 Dequindre, Leonard, MI 48367 | Low                                                       | Catch Basin/Manholes       | 1                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                     |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

**Romeo Community School – Hevel Elementary School**  
**Structural Control Inventory, Inspection, & Maintenance Schedule**

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hevel Elementary School</b><br><br>12700 E. 29 Mile Road,<br>Washington, MI 48094 | Low                                                       | Catch Basin/Manholes       | 36                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Romeo Community Schools – Indian Hills Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Indian Hills Elementary School</b><br><br>8401 W. 29 Mile Road,<br>Washington, MI 48095 | Low                                                       | Catch Basin/Manholes       | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                            |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Romeo Community Schools – Powell 9th Grade Academy and Romeo High School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Powell 9th Grade Academy and Romeo High School Complex</b><br><br>62100 Jewell Road,<br>Washington, MI 48094<br><br>62300 Jewell Road,<br>Washington, MI 48094 | Medium                                                    | Catch Basin/Manholes          | 89                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                   |                                                           | Open Pipe Outlet              | 9                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Drainage Receptor             | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Infiltration Basin            | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Detention Pond                | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Stormwater Conveyance Channel | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Basin Drain                   | 18                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Stabilized Outlet             | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Romeo Community Schools – Romeo Middle School

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Romeo Middle School</b><br><br>11091 W. 32 Mile Road,<br>Romeo, MI 48065 | Low                                                       | Catch Basin/Manholes       | 55                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                             |                                                           | Open Pipe Outlet           | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Drainage Receptor          | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Infiltration Basin         | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Detention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                             |                                                           | Swale                      | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Romeo Community Schools – Romeo Warehouse Facility Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Romeo Warehouse Facility</b><br><br>12445 28 Mile Road,<br>Washington, MI 48094 | High                                                      | Catch Basin/Manholes       | 6                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Trench Drain               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | AST                        | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                    |                                                           | Secondary Containment      | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                    |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |

# Romeo Community Schools – Washington Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control  | Number of Controls | Inspection/Maintenance Schedule                                                                                                                  |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Washington Elementary School</b></p> <p>58230 Van Dyke, Washington, MI 48094</p> | <p>Low</p>                                                | <p>Catch Basin/Manholes</p> | <p>19</p>          | <p>Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth.</p> |

# Roseville Community Schools – Dort Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dort Elementary School</b><br><br>16225 Dort Street, Roseville,<br>MI 48066 | Low                                                       | Catch Basin/Manholes       | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Roseville Community Schools – Eastland Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eastland Middle School</b><br><br>18700 Frank, Roseville, MI<br>48066 | Medium                                                    | Catch Basin/Manholes          | 24                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                          |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                          |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Fountain Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fountain Elementary School</b><br><br>16850 Wellington, Roseville,<br>MI 48066 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |



## Roseville Community Schools – Green Elementary School

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Green Elementary School</b><br><br>18530 Marquette, Roseville,<br>MI 48066 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools– Kaiser Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kaiser Elementary School</b><br><br>16700 Wildwood, Roseville, MI<br>48066 | Low                                                       | Catch Basin/Manholes       | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Roseville Community School District – Kment Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kment Elementary School</b><br><br>20033 Washington, Roseville,<br>MI 48066 | Low                                                       | Catch Basin/Manholes       | 21                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                |                                                           | Infiltration Basin         | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Patton Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Patton Elementary School</b><br><br>18851 McKinnon, Roseville, MI<br>48066 | Low                                                       | Catch Basin/Manholes          | 12                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Roseville Administration and Maintenance Facility Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Roseville Administration and Maintenance Facility Complex</b></p> <p>18975 Church Street, Roseville, MI 48066</p> <p>The Maintenance Facility has a separate inventory. Please see the Maintenance Facility Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 18                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                           |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Maintenance Facility

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Maintenance Facility</b></p> <p>18975 Church Street, Roseville, MI 48066</p> <p>The Maintenance Facility is included under the Roseville Administration and Maintenance Facility Complex but has been separated for this inventory.</p> | High                                                      | Trench Drain               | 6                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                               |                                                           | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                               |                                                           | Secondary Containment      | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                               |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

# Roseville Community Schools – Roseville Middle School, Bus Garage, and Steenland Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Roseville Middle School, Bus Garage, and Steenland Elementary School Complex</b></p> <p>16250 Martin, Roseville, MI 48066</p> <p>16335 Chestnut, Roseville, MI 48066</p> <p>The Bus Garage has a separate inventory. Please see the Bus Garage Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 68                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                              |                                                           | Infiltration Basin         | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Roseville Community Schools – Bus Garage

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
| <p><b>Bus Garage</b></p> <p>16250 Martin, Roseville, MI 48066</p> <p>The Bus Garage is included under the Roseville Middle School, Bus Garage, and Steenland Elementary School Complex but has been separated for this inventory.</p> | High                                                      | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                       |                                                           | Trench Drain               | 5                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                       |                                                           | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                       |                                                           | Secondary Containment      | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                       |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |



# Roseville Community Schools – Roseville High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Roseville High School</b><br><br>17855 Common, Roseville, MI<br>48066 | Medium                                                    | Catch Basin/Manholes          | 59                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                          |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                          |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                          |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                          |                                                           | Detention Basin               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                          |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                          |                                                           | Trench Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Vacant Lot Frazho Road

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vacant Lot Frazho Road</b><br><br>16221 Frazho Rd., Roseville, MI<br>48066 | Low                                                       | Catch Basin/Manholes       | 1                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Infiltration Basin         | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Vacant Lot John J Street

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vacant Lot John J Street</b><br><br>29725 John J, Roseville, MI<br>48066 | Low                                                       | Catch Basin/Manholes       | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Roseville Community Schools – Vacant Lot Meier Street

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vacant Lot Meier Street</b><br><br>19140 Meier, Roseville, MI<br>48066 | Low                                                       | Catch Basin/Manholes          | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                           |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Roseville Community Schools – Vacant Lot Melvin Street

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vacant Lot Melvin Street</b><br><br>18800 Melvin, Roseville, MI<br>48066 | Low                                                       | Catch Basin/Manholes       | 6                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                             |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Administrative Service Center (Gibbing Building)

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Administrative Service Center (Gibbing Building)</b><br><br>11303 Greendale Drive,<br>Sterling Heights, MI 48312 | Low                                                       | Catch Basin/Manholes          | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                     |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Utica Community Schools – Auxiliary Services Facility (Transportation) Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Auxiliary Services Facility (Transportation)</b><br><br>6600 18 Mile Road, Sterling Heights, MI 48314 | High                                                      | Catch Basin/Manholes       | 20                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                          |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                          |                                                           | Retention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                          |                                                           | Oil Water Separator        | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                          |                                                           | Trench Drain               | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                          |                                                           | AST                        | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                                          |                                                           | Bus Wash                   | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                                          |                                                           | Secondary Containment      | 2                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |

# Utica Community Schools – Auxiliary Services Facility (Transportation)

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                               |
|----------|-----------------------------------------------------------|----------------------------|--------------------|---------------------------------------------------------------|
|          |                                                           | Salt Storage               | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|          |                                                           | Aggregate Storage Piles    | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |



# Utica Community Schools – Beacon Tree Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beacon Tree Elementary School</b><br><br>54600 Hayes, Macomb, MI<br>48042 | Low                                                       | Catch Basin/Manholes       | 30                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                              |                                                           | Infiltration Basin         | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Flow Splitter              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Trench Drain               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools– Beck Centennial Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beck Centennial Elementary School</b><br><br>54600 Hayes, Macomb, MI<br>48042 | Low                                                       | Catch Basin/Manholes       | 25                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                  |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Bemis Jr. High School and Browning Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Bemis Jr. High School and Browning Elementary School Complex</b><br><br>12500 19 Mile Road, Sterling Heights, MI 48313<br><br>12400 19 Mile Road, Sterling Heights, MI 48313 | Medium                                                    | Catch Basin/Manholes       | 16                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                 |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Burr Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Burr Elementary School</b><br><br>41460 Ryan Road, Sterling Heights, MI 48314 | Low                                                       | Catch Basin/Manholes          | 24                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                  |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                  |                                                           | Retention Basin               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                  |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Collins Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Collins Elementary School</b><br><br>12900 Grand Haven, Sterling Heights, MI 48312 | Low                                                       | Catch Basin/Manholes          | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                       |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Crissman Elementary Schools

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Crissman Elementary School</b><br><br>53550 Wolf Drive, Shelby Township, MI 48316 | Low                                                       | Catch Basin/Manholes       | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Infiltration Basin         | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Retention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Davis Jr. High School and Utica Community Education Center Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Davis Jr. High School and Utica Community Education Center (Formally Walsh) Complex</b><br><br>11311 Plumbrook Rd., Sterling Heights, MI 48312<br><br>38901 Dodge Park Rd, Sterling Heights, MI 48312 | Medium                                                    | Catch Basin/Manholes          | 43                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                          |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                          |                                                           | Stormwater Conveyance Channel | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Utica Community Schools – Dekeyser Elementary School

### Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dekeyser Elementary School</b><br><br>39600 Atkinson Dr, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes          | 10                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Utica Community Schools – Dresden Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dresden Elementary School</b><br><br>11400 Delvin Drive, Sterling Heights, MI 48314 | Low                                                       | Catch Basin/Manholes          | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Duncan Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Duncan Elementary School</b><br><br>11400 Delvin Drive, Sterling Heights, MI 48314 | Low                                                       | Catch Basin/Manholes          | 34                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                       |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                       |                                                           | Hydrodynamic Separator        | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Ebeling Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ebeling Elementary School</b><br><br>15970 Haverhill, Macomb<br>Township, MI 48044 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Utica Community Schools – Eisenhower High School and Malow Jr. High School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eisenhower High School and Malow Jr. High School Complex</b><br><br>6500 25 Mile Road, Shelby Township, MI 48313<br><br>6400 25 Mile Road, Shelby Township, MI 48316 | Medium                                                    | Catch Basin/Manholes          | 81                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                         |                                                           | Open Pipe Outlet              | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                         |                                                           | Drainage Receptor             | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                         |                                                           | Detention Basin               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                         |                                                           | Stormwater Conveyance Channel | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                         |                                                           | UST (For O/W Separator Waste) | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                         |                                                           | Oil Water Separator           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Utica Community Schools – Eppler Jr. High School and Security Office Complex Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eppler Jr. High School and Security Office Complex</b><br><br>45461 Brownell, Utica, MI<br>48317 | Medium                                                    | Catch Basin/Manholes          | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                     |                                                           | Open Pipe Outlet              | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                     |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                     |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                     |                                                           | Trench Drain                  | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Flickinger Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flickinger Elementary School</b><br><br>45400 Vanker Drive, Utica, MI<br>48317 | Low                                                       | Catch Basin/Manholes       | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                   |                                                           | Lift Station               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Henry Ford II High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Henry Ford II High School</b><br><br>11911 Clinton River Road,<br>Sterling Heights, MI 48313 | Medium                                                    | Catch Basin/Manholes       | 71                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                 |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                 |                                                           | Flow Splitter              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Graebner Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Graebner Elementary School</b><br><br>41875 Saal Road, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes       | 10                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |



# Utica Community Schools – Harvey Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Harvey Elementary School</b><br><br>41700 Montroy Drive, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes       | 7                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                        |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Havel Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Havel Elementary School</b><br><br>41855 Schoenherr, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes          | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Heritage Jr. High School and Oakbrook Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Heritage Jr. High School and Oakbrook Elementary School Complex</b></p> <p>37400 Dodge Park Road,<br/>Sterling Heights, MI 48312</p> <p>12060 Greenway, Sterling Heights, MI 48312</p> | Medium                                                    | Catch Basin/Manholes       | 49                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

Utica Community Schools – Jeannette Jr. High School  
 Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Jeannette Jr. High School</b><br><br>40400 Gulliver, Sterling Heights, MI 48310 | Low                                                       | Catch Basin/Manholes       | 27                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Lift Station               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Joan C. Sergent Instructional Resource Center (IRC)

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Joan C. Sergent Instructional Resource Center (IRC)</b><br><br>14201 Canal Road, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Utica Community Schools – Messmore Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Messmore Elementary School</b><br><br>8742 Dill Drive, Sterling Heights, MI 48312 | Low                                                       | Catch Basin/Manholes          | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Stormwater Conveyance Channel | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Monfort Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Monfort Elementary School</b><br><br>6700 Montgomery, Shelby Township, MI 48316 | Low                                                       | Catch Basin/Manholes       | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Morgan Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Morgan Elementary School</b><br><br>53800 Mound Road, Shelby Township, MI 48316 | Low                                                       | Catch Basin/Manholes          | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Open Pipe Outlet              | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Drainage Receptor             | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Detention Basin               | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Utica Community Schools – Plumbrook Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Plumbrook Elementary School</b><br><br>39660 Spalding, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Roberts Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Roberts Elementary School</b><br><br>2400 Belle View, Shelby Township, MI 48316 | Low                                                       | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Utica Community Schools – Rose Kidd Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Rose Kidd Elementary School</b><br/><b>CLOSED</b></p> <p>38397 Gladstone Dr. Sterling Heights MI, 48312</p> | Low                                                       | Catch Basin/Manholes       | 16                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Utica Community Schools – Schuchard Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                            | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Schuchard Elementary School</b><br><br>2900 Holly, Sterling Heights, MI<br>48310 | Low                                                       | Catch Basin/Manholes          | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                     |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools– Schwarzkoff Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Schwarzkoff Elementary School</b><br><br>8401 Constitution, Sterling Heights, MI 48313 | Low                                                       | Catch Basin/Manholes          | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                           |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                           |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Shelby Jr. High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shelby Jr. High School</b><br><br>51700 Van Dyke, Shelby Township, MI 48316 | Low                                                       | Catch Basin/Manholes          | 20                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                |                                                           | Open Pipe Outlet              | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Detention Pond                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Stevenson High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control   | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stevenson High School</b><br><br>39701 Dodge Park Road,<br>Sterling Heights, MI 48313 | Medium                                                    | Catch Basin/Manholes         | 47                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                          |                                                           | Open Pipe Outlet             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                          |                                                           | Basin Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                          |                                                           | Underground Detention System | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Switzer Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Switzer Elementary School</b><br><br>53200 Shelby Road, Shelby Township, MI 48316 | Low                                                       | Catch Basin/Manholes       | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Utica Community Schools – Utica Center for Applied Learning (UCAL)

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Utica Center for Applied Learning (UCAL)</b><br><br>7600 18 Mile Rd, Sterling Heights, MI 48314 | Low                                                       | Catch Basin/Manholes       | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Utica Community Schools – Utica High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Utica High School</b><br><br>47255 Shelby Road, Shelby Township, MI 48317 | Medium                                                    | Catch Basin/Manholes       | 37                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                              |                                                           | Open Pipe Outlet           | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Drainage Receptor          | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Detention Pond             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Lift Station               | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – West Utica Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>West Utica Elementary School</b><br><br>5415 West Utica Road, Shelby Township, MI 48317 | Low                                                       | Catch Basin/Manholes          | 9                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                            |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                            |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Utica Community Schools – Wiley Elementary School/Transportation, Maintenance, and Grounds (Old Bus Garage)

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wiley Elementary School/Transportation, Maintenance, and Grounds (Old Bus Garage)</b><br><br>47240 Shelby Road, Shelby Township, MI 48317 | Low                                                       | Catch Basin/Manholes       | 23                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                              |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Van Dyke Public Schools – Van Dyke Public Schools Administration Building Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Van Dyke Public Schools Administration Building</b><br><br>23500 MacArthur, Warren, MI 48089 | Low                                                       | Catch Basin/Manholes       | 4                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Van Dyke Public Schools – Carlson Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Carlson Elementary School</b><br><br>12355 Mruk Ave., Warren, MI<br>48089 | Low                                                       | Catch Basin/Manholes       | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                              |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Hydrodynamic Separator     | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Van Dyke Public Schools – Kennedy Early Childhood Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kennedy Early Childhood Center</b><br><br>11333 Kaltz, Warren, MI 48089 | Low                                                       | Catch Basin/Manholes       | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Van Dyke Public Schools – Lincoln Elementary School, Lincoln High School, and Lincoln Middle School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lincoln Elementary School, Lincoln High School, and Lincoln Middle School Complex</b><br><br>22100 Federal, Warren, MI 48089<br><br>22900 Federal, Warren, MI 48089<br><br>22500 Federal, Warren, MI 48089 | Medium                                                    | Catch Basin/Manholes       | 87                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                               |                                                           | Open Pipe Outlet           | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                               |                                                           | Drainage Receptor          | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                               |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                               |                                                           | Detention Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                               |                                                           | Trench Drain               | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Van Dyke Public Schools – McKinley Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>McKinley Elementary School</b><br><br>13173 Toepfer, Warren, MI<br>48089 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Van Dyke Public Schools – Transportation Services Building Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                               | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|------------------------------------------------------------------------------------------------------|
| <p><b>Transportation Services Building</b></p> <p>11387 E. Nine Mile Road,<br/>Warren, MI 48089</p> <p>The Transportation Services Building is included under the Transportation Services Building/Washington Elementary School Complex but has been separated for this inventory.</p> | High                                                      | Oil Water Separator        | 1                  | Inspect Annually, Maintain as Needed                                                                 |
|                                                                                                                                                                                                                                                                                        |                                                           | Secondary Containment      | 3                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                        |
|                                                                                                                                                                                                                                                                                        |                                                           | Dirt/Gravel Roadway        | 1                  | Inspect Annually for dust, loose aggregate (Raveling), Potholes, and Depressions. Maintain as Needed |
|                                                                                                                                                                                                                                                                                        |                                                           | Dirt/Gravel Parking Lot    | 1                  | Inspect Annually for dust, loose aggregate (Raveling), Potholes, and Depressions. Maintain as Needed |

# Van Dyke Public Schools – Transportation Services Building/ Washington Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Transportation Services Building/ Washington Elementary School Complex</b></p> <p>11387 E. Nine Mile Road,<br/>Warren, MI 48089</p> <p>11400 Continental Ave.,<br/>Warren, MI 48089</p> <p>The Transportation Services Building has a separate inventory. Please see the Transportation Services Building Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes       | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Van Dyke Public Schools – Thompson Community Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Thompson Community Center (Leased)</b><br><br>11370 Hupp, Warren, MI<br>48089 | Low                                                       | Catch Basin/Manholes       | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                  |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Van Dyke Public Schools – Vacant Lot Jackson Road

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                 | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vacant Lot Jackson Road</b><br><br>11375 Jackson, Warren, MI<br>48089 | Low                                                       | Catch Basin/Manholes       | 1                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Van Dyke Public Schools – Vacant Lot Peters Avenue

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vacant Lot Peters Avenue</b><br><br>22230 Peters Avenue, Warren,<br>MI 48091 | Low                                                       | Catch Basin/Manholes       | 5                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Administration Building

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Administration Building</b><br><br>31300 Anita Drive, Warren,<br>Michigan 48093 | Low                                                       | Catch Basin/Manholes       | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Infiltration Basin         | 8                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Agnus Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agnus Elementary School (CLOSED)</b><br><br>3180 Hein Dr, Sterling Heights, MI 48310 | Low                                                       | Catch Basin/Manholes       | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                         |                                                           | Basin Drain                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                         |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Warren Consolidated Schools – Beer Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beer Middle School</b><br><br>3200 Martin Road, Warren,<br>Michigan 48092 | Low                                                       | Catch Basin/Manholes       | 17                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                              |                                                           | Basin Drain                | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                              |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Black Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Black Elementary School</b><br><br>14100 Heritage Road, Sterling Heights, Michigan 48312 | Low                                                       | Catch Basin/Manholes       | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Warren Consolidated Schools – Career Prep Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                         | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Career Prep Center</b><br><br>12200 Fifteen Mile Road,<br>Sterling Heights, Michigan<br>48312 | Low                                                       | Catch Basin/Manholes          | 10                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                  |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                  |                                                           | Trench Drain                  | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Carleton Middle School and Fillmore Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Carleton Middle School and Fillmore Elementary School Complex</b><br><br>8900 Fifteen Mile Road,<br>Sterling Heights, Michigan<br>48312<br><br>8655 Irving Road, Sterling<br>Heights, Michigan 48312 | Medium                                                    | Catch Basin/Manholes          | 37                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                         |                                                           | Open Pipe Outlet              | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                         |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                         |                                                           | Infiltration Basin            | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                         |                                                           | Basin Drain                   | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                         |                                                           | Stormwater Conveyance Channel | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Carter Middle School and Wilkerson Elementary School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Carter Middle School and Wilkerson Elementary School Complex</b><br><br>12000 Masonic, Warren, Michigan 48093<br><br>12100 Masonic, Warren, Michigan 48093 | Medium                                                    | Catch Basin/Manholes       | 56                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                               |                                                           | Basin Drain                | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Community High School/Hatherly Educational Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control  | Number of Controls | Inspection/Maintenance Schedule                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Community High School/Hatherly Educational Center</b></p> <p>35201 Davison Street, Sterling Heights, Michigan 48310</p> | <p>Low</p>                                                | <p>Catch Basin/Manholes</p> | <p>17</p>          | <p>Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth.</p> |

# Warren Consolidated Schools – Cousino High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cousino High School</b><br><br>30333 Hoover Rd., Warren,<br>Michigan 48093 | Medium                                                    | Catch Basin/Manholes          | 82                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Basin Drain                   | 20                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Infiltration Basin            | 9                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Cromie Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cromie Elementary School</b><br><br>29797 Gilbert Drive, Warren,<br>Michigan 48092 | Low                                                       | Catch Basin/Manholes       | 10                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                       |                                                           | Infiltration Basin         | 6                  | Inspect Annually, Maintain as Needed                                                                                                      |



## Warren Consolidated Schools – Green Acres Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Green Acres Elementary School</b><br><br>4655 Holmes, Warren,<br>Michigan 48092 | Low                                                       | Catch Basin/Manholes          | 17                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Infiltration Basin            | 7                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Underground Detention System  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                    |                                                           | Trench Drain                  | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated School – Grissom Middle School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Grissom Middle School</b><br><br>35701 Ryan Road, Sterling Heights, Michigan 48310 | Low                                                       | Catch Basin/Manholes       | 27                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                       |                                                           | Basin Drain                | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Harwood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Harwood Elementary School</b><br><br>4900 Southlawn Drive, Sterling Heights, Michigan 48310 | Medium                                                    | Catch Basin/Manholes          | 11                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                |                                                           | Open Pipe Outlet              | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                |                                                           | Infiltration Basin            | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                |                                                           | Basin Drain                   | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Holden Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                   | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Holden Elementary School</b><br><br>37565 Calka Drive, Sterling Heights, Michigan 48310 | Low                                                       | Catch Basin/Manholes          | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                            |                                                           | Drainage Receptor             | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                            |                                                           | Infiltration Basin            | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                            |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Jefferson Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Jefferson Elementary School</b><br><br>37555 Carol Drive, Sterling Heights, Michigan 48310 | Low                                                       | Catch Basin/Manholes       | 13                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                               |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Maintenance and Transportation Center

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                     | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maintenance and Transportation Center</b><br><br>31950 Mound Road, Warren, Michigan 48092 | High                                                      | Catch Basin/Manholes          | 26                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                              |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                              |                                                           | Trench Drain                  | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                              |                                                           | UST                           | 3                  | Inspect as part of the UST program.                                                                                                       |
|                                                                                              |                                                           | AST                           | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                              |                                                           | Bus Wash                      | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |
|                                                                                              |                                                           | Salt Storage                  | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection                                                                             |

# Warren Consolidated Schools – Macomb Mathematics Science Technology Center Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Macomb Mathematics Science Technology Center (MMSTC)</b><br><br>27500 Cosgrove, Warren, Michigan 48092 | Low                                                       | Catch Basin/Manholes          | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                           |                                                           | Infiltration Basin            | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                           |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Pearl Lean Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pearl Lean Elementary School</b><br><br>2825 Girard, Warren, Michigan<br>48092 | Low                                                       | Catch Basin/Manholes          | 14                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                   |                                                           | Infiltration Basin            | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                   |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Warren Consolidated Schools – Pfromm Educational Center Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                    | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pfromm Educational Center (CLOSED)</b><br><br>11131 Gerald Drive, Warren, Michigan 48093 | Low                                                       | Catch Basin/Manholes       | 3                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Warren Consolidated Schools – Siersma Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Siersma Elementary School</b><br><br>3100 Donna, Warren, Michigan<br>48091 | Low                                                       | Catch Basin/Manholes       | 8                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

## Warren Consolidated Schools – Sterling Heights High School/ School of Performing Arts Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sterling Heights High School/<br/>School of Performing Arts</b><br><br>12901 15 Mile Rd., Sterling Heights, Michigan 48312 | Medium                                                    | Catch Basin/Manholes          | 67                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                               |                                                           | Basin Drain                   | 12                 | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                               |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                               |                                                           | Trench Drain                  | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Susick Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Susick Elementary School</b><br><br>2200 Castleton Dr., Troy,<br>Michigan 48083 | Low                                                       | Catch Basin/Manholes       | 18                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Rain Garden                | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools– Warren Mott High School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                             | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Warren Mott High School</b><br><br>3131 Twelve Mile Rd, Warren,<br>Michigan 48092 | Medium                                                    | Catch Basin/Manholes       | 138                | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                      |                                                           | Basin Drain                | 7                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Infiltration Basin         | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                      |                                                           | Trench Drain               | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools – Wilde Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                      | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wilde Elementary School</b><br><br>32343 Bunert, Warren,<br>Michigan 48088 | Low                                                       | Catch Basin/Manholes          | 9                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                               |                                                           | Open Pipe Outlet              | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Drainage Receptor             | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Infiltration Basin            | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                               |                                                           | Stormwater Conveyance Channel | 2                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Consolidated Schools– Willow Woods Elementary School Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Willow Woods Elementary School</b><br><br>11001 Daniel Drive, Sterling Heights, Michigan 48312 | Low                                                       | Catch Basin/Manholes       | 19                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                   |                                                           | Infiltration Basin         | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Woods Public Schools – Briarwood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                           | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Briarwood Elementary School</b><br><br>14100 Leisure Drive, Warren,<br>MI 48088 | Low                                                       | Catch Basin/Manholes          | 7                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                    |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |



# Warren Woods Public Schools – Enterprise High School and Warren Woods Middle School Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                          | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Enterprise High School and Warren Woods Middle School Complex</b><br><br>28600 Suburban, Warren, MI 48088<br><br>13400 East Twelve Mile Road, Warren, MI 48088 | Medium                                                    | Catch Basin/Manholes          | 58                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                   |                                                           | Infiltration Basin            | 5                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                   |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Woods Public Schools – Pinewood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                       | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pinewood Elementary School</b><br><br>14411 Bade Drive, Warren, MI<br>48088 | Low                                                       | Catch Basin/Manholes       | 9                  | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Warren Woods Public Schools – Warren Woods Tower High School and Maintenance Facility Complex

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                                                                                                                                  | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control    | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Warren Woods Tower High School- Maintenance Facility Complex</b></p> <p>27900 Bunert Road, Warren, MI 48088</p> <p>14846 Martin Road, Warren, MI 48093</p> <p>The Maintenance Facility has a separate inventory. Please see the Maintenance Structural Control Inventory, Inspection, &amp; Maintenance Schedule for reference.</p> | High                                                      | Catch Basin/Manholes          | 61                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                                                                                                                                                                                                                                                                           |                                                           | Infiltration Basin            | 4                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                           |                                                           | Stormwater Conveyance Channel | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Warren Woods Public Schools – Maintenance Facility

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                                                                                                                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control        | Number of Controls | Inspection/Maintenance Schedule                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------|
| <b>Maintenance Facility</b><br><br>14846 Martin Road, Warren, MI 48093<br><br>Maintenance Facility is included under the Warren Woods Tower High School-Maintenance Facility Complex but has been separated for this inventory. | High                                                      | Trench Drain                      | 3                  | Inspect Annually, Maintain as Needed                          |
|                                                                                                                                                                                                                                 |                                                           | AST (250 G Used Oil Storage Tank) | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |
|                                                                                                                                                                                                                                 |                                                           | Salt Storage                      | 1                  | Inspect as part of the SWPPP 6 Month Comprehensive Inspection |

## Warren Woods Public Schools – Warren Woods Early Childhood Center Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                              | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Warren Woods Early Childhood Center</b><br><br>12900 Frazho Road, Warren, MI 48089 | Low                                                       | Catch Basin/Manholes       | 15                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |

# Warren Woods Public Schools – Westwood Elementary School

## Structural Control Inventory, Inspection, & Maintenance Schedule

| Facility                                                                        | Priority Level of Potential Discharge (High, Medium, Low) | Type of Structural Control | Number of Controls | Inspection/Maintenance Schedule                                                                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Westwood Elementary School</b><br><br>11999 Martin Road, Warren,<br>MI 48093 | Low                                                       | Catch Basin/Manholes       | 12                 | Inspect Annually, Clean Once per Permit Cycle or if Build-Up of Accumulated Solid Material is Between 30 and 50% of the Total Sump Depth. |
|                                                                                 |                                                           | Open Pipe Outlet           | 1                  | Inspect Annually, Maintain as Needed                                                                                                      |
|                                                                                 |                                                           | Infiltration Basin         | 3                  | Inspect Annually, Maintain as Needed                                                                                                      |

# Appendix G

## Contractor Oversight & Employee Training Documentation





## Macomb Intermediate School District & Nested MS4s STORMWATER CONTRACTOR OVERSIGHT RECORD

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Macomb Intermediate School District & Nested MS4s (MISD & Nested MS4s) shall implement the procedure requiring contractors hired by the MISD & Nested MS4s to perform municipal operation and maintenance activities that comply with the MISD & Nested MS4s pollution prevention and good housekeeping program and contractor oversight to ensure compliance with the MISD & Nested MS4s National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Storm Water Discharge Permit, Section A. Limitations and Monitoring Requirements, #7 Contractor Requirements and Oversight.

1. Identify the potential pollutant-generating activities and pollutants expected to be exposed to stormwater.
2. Describe the location where the potential pollutant-generating activities will occur.
3. Identify the person responsible for implementing the pollution prevention practice or practices for each pollutant-generating activity.

Please initial each line of the procedure.

\_\_\_\_\_ Prevent and respond to leaks, spills, and other releases.

\_\_\_\_\_ Prevent the discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities.

\_\_\_\_\_ Prevent the discharge of soaps, solvents, detergents, and wash water from construction materials, including the clean-up of stucco, paint, form release oils, and curing compounds. Collection and proper disposal in a manner to prevent contact with stormwater and prevent discharge of these pollutants.

\_\_\_\_\_ Minimize the discharge of pollutants from vehicle and equipment washing, wheel wash water and other types of washing (e.g., locating activities away from surface waters and stormwater inlets or conveyance and directing wash waters to sediment basins or traps, using filtration devices such as filter bags or sand filters or using similarly effective controls).

\_\_\_\_\_ Direct concrete wash water into a leak-proof container or leak-proof settling basin. The container or basin shall be designed so that no overflows can occur due to inadequate sizing or precipitation. Hardened concrete wastes shall be removed and disposed of in a manner consistent with the handling of other construction wastes. Liquid concrete waste shall be removed and disposed of in a manner consistent with the handling of other construction wash waters and shall not be discharged to surface waters.

\_\_\_\_\_ Minimize the discharge of pollutants from storage, handling, and disposal of construction products, materials and wastes including (i) building products such as asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures; (ii) pesticides, herbicides, insecticides, fertilizers, and landscape materials; and (iii) construction and domestic wastes such as packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, Styrofoam, concrete, and other trash or building materials.

\_\_\_\_\_ Prevent the discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, and sanitary wastes.

\_\_\_\_\_ Report any other discharge from the potential pollutant-generating activities not addressed above to Macomb Intermediate School District & Nested MS4s.

\_\_\_\_\_  
Name of Business

\_\_\_\_\_  
Business Representative

\_\_\_\_\_  
Date

# Appendix H

## TMDL Sample Location Table

## TMDL Sample Locations

| <b>Anchor Bay Schools</b>                                                                                                                              |                                                    |                                    |                                                  |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------|--------------------------------------------------|-----------|
| Facility                                                                                                                                               | Point of Discharge                                 | Receiving Waters                   | Applicable TMDL                                  | Parameter |
| <b>Anchor Bay High School</b>                                                                                                                          | ABHS-53.SO.OF                                      | Massac Creek of Frontal Anchor Bay | Crapaud Creek                                    | E.coli    |
| <b>Anchor Bay Middle School North, Ashley Elementary School, Lighthouse Elementary School, Bus Garage, Aquatic Center &amp; Fitness Center Complex</b> | MSN-67.CB.DP                                       | Crapaud Creek                      | Crapaud Creek                                    | E.coli    |
|                                                                                                                                                        | MSN-76.CB.DP                                       | Crapaud Creek                      | Crapaud Creek                                    | E.coli    |
|                                                                                                                                                        | MSN-79.MH.DP                                       | Crapaud Creek                      | Crapaud Creek                                    | E.coli    |
| <b>Anchor Bay Middle School South and Sugarbush Elementary School Complex</b>                                                                          | AMBS-01.OP.OF                                      | Meldrum Drain of Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
|                                                                                                                                                        | AMBS-05.OP.OF                                      | Meldrum Drain of Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
|                                                                                                                                                        | AMBS-07.OP.OF                                      | Meldrum Drain of Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>Early Childhood Center &amp; School Age Childcare</b>                                                                                               | N/A                                                | N/A                                | N/A                                              | N/A       |
| <b>Great Oaks Elementary School</b>                                                                                                                    | ABGO-01.OP.OF<br>(Upstream Location<br>ABGO-02.MH) | Fish Creek                         | Salt River                                       | E.coli    |
| <b>Lottie Elementary School</b>                                                                                                                        | ABLE-01.CB.DP                                      | Salt River                         | Salt River                                       | E.coli    |
| <b>Maconce Elementary School</b>                                                                                                                       | ABME-01.OP.OF                                      | Massac Creek of Frontal Anchor Bay | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>MacDonald Elementary School / Administration</b>                                                                                                    | ABMD-01.DP.DP                                      | Massac Creek of Frontal Anchor Bay | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>Naldrett Elementary School</b>                                                                                                                      | ABNE-01.MH.DP                                      | Harms Drain - Frontal Anchor Bay   | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |

## TMDL Sample Locations

| <b>Clintondale Community Schools</b>                                                          |                    |                                                    |                                                        |           |
|-----------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------|--------------------------------------------------------|-----------|
| Facility                                                                                      | Point of Discharge | Receiving Waters                                   | Applicable TMDL                                        | Parameter |
| <b>Clintondale High School,<br/>Clintondale Middle School,<br/>and Administration Complex</b> | CDHS-35.CB.DP      | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>McGlennen Elementary<br/>School</b>                                                        | CDME-15.MH.DP      | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>Parker Elementary School</b>                                                               | N/A                | N/A                                                | N/A                                                    | N/A       |
| <b>Rainbow Elementary School</b>                                                              | CDRE-01.MH.DP      | Clinton River Spillway -<br>Frontal Lake St. Clair | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |

## TMDL Sample Locations

| Center Line Public Schools                                                                                                           |                    |                                 |                              |           |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|------------------------------|-----------|
| Facility                                                                                                                             | Point of Discharge | Receiving Waters                | Applicable TMDL              | Parameter |
| Administration, Center Line High School, Wolfe Middle School, (New) Peck Elementary School, and (New) Early Childhood Center Complex | CLHA-53.MH.DP      | McCoy Drain - Red Run           | Red Run Drain and Bear Creek | E.coli    |
|                                                                                                                                      | CLHA-56.MH.DP      | McCoy Drain - Red Run           | Red Run Drain and Bear Creek | E.coli    |
|                                                                                                                                      | CLHA-70.CB.DP      | McCoy Drain - Red Run           | Red Run Drain and Bear Creek | E.coli    |
| Crothers Elementary School                                                                                                           | CLCE-01.CB.DP      | Bear Creek of the Clinton River | Red Run Drain and Bear Creek | E. coli   |
| (New) Roose Elementary School                                                                                                        | N/A                | N/A                             | N/A                          | N/A       |
| Kaltz Center                                                                                                                         | N/A                | N/A                             | N/A                          | N/A       |
| Former Roose Elementary School                                                                                                       | N/A                | N/A                             | N/A                          | N/A       |
| Transportation and Maintenance                                                                                                       | N/A                | N/A                             | N/A                          | N/A       |

## TMDL Sample Locations

| <b>Chippewa Valley Schools</b>                                                                                                      |                                                 |                                                 |                 |           |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------|-----------|
| Facility                                                                                                                            | Point of Discharge                              | Receiving Waters                                | Applicable TMDL | Parameter |
| <b>Algonquin Middle School</b>                                                                                                      | CVAM-02.MH.DP                                   | Harrington Drain                                | Clinton River   | E.coli    |
| <b>Cherokee Elementary School</b>                                                                                                   | CVCE-01.MH.DP                                   | Miller Drain, Middle Branch of Clinton River    | Clinton River   | E.coli    |
| <b>Cheyenne Elementary School, Seneca Middle School, Dakota High School, and Dakota 9th Grade Center Complex</b>                    | DCS-01.MH.DP                                    | Nicol Drain/ Miller Drain                       | Clinton River   | E.coli    |
| <b>Chippewa Valley 9th Grade Center and Chippewa Valley High School Complex</b>                                                     | CVHS-03.CB.DP                                   | Middle Branch of Clinton River                  | Clinton River   | E.coli    |
|                                                                                                                                     | CVHS-131.OP.OF                                  | Tributary of the Middle Branch of Clinton River | Clinton River   | E.coli    |
| <b>Clinton Valley Elementary School</b>                                                                                             | CVES-01.CB.DP<br>(Upstream Location OJIB-21.MH) | Cranberry Marsh Drain                           | Clinton River   | E.coli    |
| <b>Fox Elementary School</b>                                                                                                        | CVFE-02.MH.DP                                   | Crittenden Drain of the Clinton River           | Clinton River   | E.coli    |
| <b>Huron Elementary School</b>                                                                                                      | CVEH-01.SCC.OF                                  | Cranberry Marsh Drain                           | Clinton River   | E.coli    |
| <b>Little Turtle Macomb Center and Shawnee Elementary School Complex</b>                                                            | CVSH-01.MH.DP                                   | Clinton River                                   | Clinton River   | E.coli    |
| <b>Miami Elementary School</b>                                                                                                      | CVME-01.DP.DP                                   | Cranberry Marsh Drain                           | Clinton River   | E.coli    |
| <b>Mohawk Elementary School and Iroquios Middle School Complex</b>                                                                  | CVIM-41.CB.DP                                   | Middle Branch of Clinton River                  | Clinton River   | E.coli    |
| <b>Mohegan High School, Community Education Center, Erie Elementary School, Transportation, and Administration Building Complex</b> | CVAB-47.CB.DP                                   | Middle Branch of Clinton River                  | Clinton River   | E.coli    |
| <b>Ojibwa Elementary School</b>                                                                                                     | OJIB-23.MH.DP                                   | Middle Branch of Clinton River                  | Clinton River   | E.coli    |

## TMDL Sample Locations

| <b>Chippewa Valley Schools</b>    |                           |                             |                        |                  |
|-----------------------------------|---------------------------|-----------------------------|------------------------|------------------|
| <b>Facility</b>                   | <b>Point of Discharge</b> | <b>Receiving Waters</b>     | <b>Applicable TMDL</b> | <b>Parameter</b> |
| <b>Ottawa Elementary School</b>   | CVOT-01.SCC.OF            | Harrington Drain            | Clinton River          | E.coli           |
| <b>Sequoyah Elementary School</b> | CVSQ-17.MH.DP             | Middle Branch Clinton River | Clinton River          | E.coli           |
| <b>Wyandot Middle School</b>      | CVWM-01.MH.DP             | Cranberry Marsh Drain       | Clinton River          | E.coli           |

## TMDL Sample Locations

| <b>Eastpointe Community Schools</b>                     |                           |                                               |                                                        |                  |
|---------------------------------------------------------|---------------------------|-----------------------------------------------|--------------------------------------------------------|------------------|
| <b>Facility</b>                                         | <b>Point of Discharge</b> | <b>Receiving Waters</b>                       | <b>Applicable TMDL</b>                                 | <b>Parameter</b> |
| <b>Forest Park Elementary School</b>                    | N/A                       | N/A                                           | N/A                                                    | N/A              |
| <b>Eastpointe Middle School<br/>(Formerly Kelly MS)</b> | EMS-21.MH.DP              | Clinton River Spillway<br>of Lake Saint Clair | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli           |



## TMDL Sample Locations

| <b>Fitzgerald Public Schools</b>                                                                             |                    |                       |                              |           |
|--------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|------------------------------|-----------|
| Facility                                                                                                     | Point of Discharge | Receiving Waters      | Applicable TMDL              | Parameter |
| <b>Administration Building, Bus Garage, Fitzgerald High School, and Fitzgerald Recreation Center Complex</b> | FBG-01.CB.DP       | McCoy Drain - Red Run | Red Run Drain and Bear Creek | E.coli    |
|                                                                                                              | FBG-03.MH.DP       | McCoy Drain - Red Run | Red Run Drain and Bear Creek | E.coli    |
| <b>Chatterton Middle School</b>                                                                              | FCM-01.CB.DP       | McCoy Drain - Red Run | Red Run Drain and Bear Creek | E.coli    |
| <b>Mound Park Elementary School</b>                                                                          | FMP-01.CB.DP       | McCoy Drain - Red Run | Red Run Drain and Bear Creek | E.coli    |
| <b>Schofield Early Childhood Center</b>                                                                      | N/A                | N/A                   | N/A                          | N/A       |
| <b>Westview Elementary School</b>                                                                            | FEW-01.MH.DP       | McCoy Drain - Red Run | Red Run Drain and Bear Creek | E.coli    |

## TMDL Sample Locations

| <b>Fraser Public Schools</b>                                                                                             |                                                    |                                          |                                                        |           |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|--------------------------------------------------------|-----------|
| Facility                                                                                                                 | Point of Discharge                                 | Receiving Waters                         | Applicable TMDL                                        | Parameter |
| <b>Administration Building,<br/>Fraser High School, Richards<br/>Middle School,<br/>Maintenance Facility<br/>Complex</b> | FRAHM-05.OP.OF                                     | Harrington Drain of<br>the Clinton River | Clinton River                                          | E.coli    |
|                                                                                                                          | FRAHM-89.OP.OF<br>(Upstream Sample<br>FRAHM-88.MH) | Harrington Drain of<br>the Clinton River | Clinton River                                          | E.coli    |
| <b>Disney Elementary School</b>                                                                                          | N/A                                                | N/A                                      | N/A                                                    | N/A       |
| <b>Dooley Center</b>                                                                                                     | FRDC-02.MH.DP                                      | Harrington Drain of<br>the Clinton River | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>Edison Elementary School</b>                                                                                          | FRED-01.MH.DP                                      | Sweeney Drain of the<br>Clinton River    | Clinton River                                          | E.coli    |
| <b>Eisenhower Elementary<br/>School</b>                                                                                  | N/A                                                | N/A                                      | N/A                                                    | N/A       |
| <b>Emerson Elementary School</b>                                                                                         | FREM-01.CB.DP                                      | Harrington Drain of<br>the Clinton River | Clinton River                                          | E.coli    |
| <b>Mark Twain Elementary</b>                                                                                             | FRTE-01.HS.DP                                      | Harrington Drain of<br>the Clinton River | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>Salk Elementary School</b>                                                                                            | FRSE-02.CB.DP                                      | Harrington Drain of<br>the Clinton River | Clinton River                                          | E.coli    |
| <b>Fraser Bus Garage</b>                                                                                                 | FRTR-01.MH.DP                                      | Sweeney Drain of the<br>Clinton River    | Clinton River                                          | E.coli    |

## TMDL Sample Locations

| <b>Lakeview Public Schools</b>                                                                                    |                    |                                                   |                                                        |           |
|-------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------|--------------------------------------------------------|-----------|
| Facility                                                                                                          | Point of Discharge | Receiving Waters                                  | Applicable TMDL                                        | Parameter |
| <b>Ardmore Elementary School</b>                                                                                  | LVAS-06.CB.DP      | Lake St. Clair                                    | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>Greenwood Elementary School</b>                                                                                | N/A                | N/A                                               | N/A                                                    | E.coli    |
| <b>Harmon Elementary School</b>                                                                                   | N/A                | N/A                                               | N/A                                                    | E.coli    |
| <b>Jefferson Middle School</b>                                                                                    | LVJS-17.HDS.DP     | Clinton River Spillway-<br>Frontal Lake St. Clair | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>Lakeview High School,<br/>Administration, and Wheat<br/>Early Childhood<br/>Development Center<br/>Complex</b> | LVHS-28.MH.DP      | Clinton River Spillway-<br>Frontal Lake St. Clair | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli    |
| <b>Princeton Elementary School</b>                                                                                | N/A                | N/A                                               | N/A                                                    | E.coli    |

## TMDL Sample Locations

| <b>L'Anse Creuse Public Schools</b>                                                                                            |                    |                                                  |                                                  |           |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|--------------------------------------------------|-----------|
| Facility                                                                                                                       | Point of Discharge | Receiving Waters                                 | Applicable TMDL                                  | Parameter |
| <b>Atwood Elementary School</b>                                                                                                | LCAE-01.DR.DP      | Harms Drain of Frontal Anchor Bay                | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>Emma V. Lobbestail Elementary School</b>                                                                                    | LCLE-01.MH.DP      | L'Anse Creuse Bay/ Lake St. Clair                | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>Green Elementary School</b>                                                                                                 | LCGE-02.CB.DP      | River Voss/ Anchor Bay                           | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>Joseph M. Carkenord Elementary School</b>                                                                                   | LCCE-02.CB.OF      | Sutherland-Oemig Drain / River Voss / Anchor Bay | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>L'Anse Creuse High School - Central, L'Anse Creuse Child Care Center, and L'Anse Creuse Middle School - Central Complex</b> | LCHC-16.CB.DP      | Clinton River Spillway Frontal Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
|                                                                                                                                | LCHC-42.CB.DP      | Clinton River Spillway Frontal Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>L'Anse Creuse High School-North and L'Anse Creuse Middle School-North Complex</b>                                           | LCHN-56.MH.DP      | Harms Drain - Frontal Anchor Bay                 | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
|                                                                                                                                | LCHN-75.DR.DP      | Harms Drain - Frontal Anchor Bay                 | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>L'Anse Creuse Middle School-East, Francis A. Higgins Elementary School, and Anna Mae Burdi Center Complex</b>               | LCME-01.MH.DP      | Crandall Drain                                   | Salt River                                       | E.coli    |
|                                                                                                                                | LCME-02.CB.OF      | Crandall Drain                                   | Salt River                                       | E.coli    |
| <b>L'Anse Creuse Middle School-South and Donald J. Yacks Elementary School Complex</b>                                         | LCMS-01.MH.DP      | Frontal Lake St. Clair                           | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>South River Elementary School</b>                                                                                           | LCSR-02.CB.DP      | Clinton River Spillway Frontal Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| <b>Tenniswood Elementary School</b>                                                                                            | LCTW-01.CB.DP      | Clinton River Spillway Frontal Lake St. Clair    | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |

## TMDL Sample Locations

| <b>L'Anse Creuse Public Schools</b>                                                                                                                                                                   |                           |                                     |                                                        |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------|--------------------------------------------------------|------------------|
| <b>Facility</b>                                                                                                                                                                                       | <b>Point of Discharge</b> | <b>Receiving Waters</b>             | <b>Applicable TMDL</b>                                 | <b>Parameter</b> |
| <b>Wheeler Community Center-<br/>Administration Office,<br/>Transportation &amp;<br/>Maintenance Center,<br/>Frederick Pankow Center, and<br/>Pellerin Center &amp; Riverside<br/>Academy Complex</b> | LCAO-01.MH.OF             | Harms Drain - Frontal<br>Anchor Bay | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli           |
|                                                                                                                                                                                                       | LCAO-51.CB.OF             | Harms Drain - Frontal<br>Anchor Bay | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli           |
|                                                                                                                                                                                                       | LCAO-68.MH.OF             | Harms Drain - Frontal<br>Anchor Bay | Lake St. Clair<br>Metropolitan and<br>Memorial Beaches | E.coli           |

## TMDL Sample Locations

| Lake Shore Public Schools                                                      |                    |                                         |                                                  |           |
|--------------------------------------------------------------------------------|--------------------|-----------------------------------------|--------------------------------------------------|-----------|
| Facility                                                                       | Point of Discharge | Receiving Waters                        | Applicable TMDL                                  | Parameter |
| James Rogers Elementary School and Lake Shore Administration Building Complex  | RES-02.CB.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
|                                                                                | RES-03.CB.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| John F. Kennedy Middle School and SCS Adult & Community Education (#1) Complex | LSK-02.MH.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Lake Shore High School and Lake Shore Maintenance Facility Complex             | LSH-02.CB.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
|                                                                                | LSH-52.MH.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Masonic Heights Elementary School                                              | LSM-11.MH.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| North Lake High Schools/SCS Adult & Community Education (#2)                   | LSK-02.CB.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Taylor International School and Dormitory                                      | LST-03.CB.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Violet Elementary School                                                       | LSV-02.MH.DP       | Clinton River Spillway - Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |

## TMDL Sample Locations

| <b>Macomb Community College</b>             |                    |                                             |                              |           |
|---------------------------------------------|--------------------|---------------------------------------------|------------------------------|-----------|
| Facility                                    | Point of Discharge | Receiving Waters                            | Applicable TMDL              | Parameter |
| <b>MaCC Center Campus</b>                   | MCC-94.MH.OF       | Utica Drain of the Clinton River            | Clinton River                | E.coli    |
|                                             | MCC-166.OP.OF      | Utica Drain of the Clinton River            | Clinton River                | E.coli    |
| <b>MaCC East Campus<br/>Fire and Police</b> | MEC-16.CB.OF       | Hafel Drain - North Branch of Clinton River | Clinton River                | E.coli    |
| <b>MaCC M-Tec Campus</b>                    | MTC-01.OP.DP       | McCoy Drain - Red Run of the Clinton River  | Red Run Drain and Bear Creek | E.coli    |
|                                             | MTC-02.OP.DP       | McCoy Drain - Red Run of the Clinton River  | Red Run Drain and Bear Creek | E.coli    |
| <b>MaCC South Campus</b>                    | MSC-64.MH.DP       | Harrington Drain of the Clinton River       | Red Run Drain and Bear Creek | E.coli    |
|                                             | MSC-207.MH.DP      | Harrington Drain of the Clinton River       | Red Run Drain and Bear Creek | E.coli    |

## TMDL Sample Locations

| <b>Macomb Intermediate School District</b>                                               |                                                                       |                                       |                                 |           |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------|---------------------------------|-----------|
| Facility                                                                                 | Point of Discharge                                                    | Receiving Waters                      | Applicable TMDL                 | Parameter |
| <b>Auxiliary Services Center<br/>(Millar Building/EWS &amp; Co.<br/>Office Building)</b> | MIAS-02.CB.DP                                                         | Cranberry Marsh Drain                 | Clinton River                   | E.coli    |
| <b>Bozymowski Center for<br/>Education (Haitema ES)</b>                                  | MIBC-02.CB.DP                                                         | Plum Brook Drain -<br>Red Run Drain   | Red Run Drain and<br>Bear Creek | E.coli    |
| <b>Educational Service Center/<br/>Bus Garage Complex</b>                                | MIBG-05.MH.DP                                                         | Middle Branch of the<br>Clinton River | Clinton River                   | E.coli    |
|                                                                                          | MIBG-57.MH.DP<br>(MIBG-51.MH as<br>Upstream Representative<br>Sample) | Middle Branch of the<br>Clinton River | Clinton River                   | E.coli    |
| <b>Flynn Educational Center</b>                                                          | N/A                                                                   | N/A                                   | N/A                             | N/A       |
| <b>Glen H. Peters School</b>                                                             | MIGP-01.MH.DP                                                         | Middle Branch of the<br>Clinton River | Clinton River                   | E.coli    |
| <b>Keith Bovenschen School</b>                                                           | MIKB-02.CB.DP                                                         | Harrington Drain                      | Red Run Drain and<br>Bear Creek | E.coli    |
| <b>Lutz School for Work<br/>Experience</b>                                               | MILS-01.MH.DP                                                         | Middle Branch of the<br>Clinton River | Clinton River                   | E.coli    |
| <b>Maple Lane Elementary<br/>School</b>                                                  | MIML-02.CB.DP                                                         | Plum Brook Drain                      | Red Run Drain and<br>Bear Creek | E.coli    |
| <b>Neil Reid High School</b>                                                             | N/A                                                                   | N/A                                   | N/A                             | N/A       |
| <b>Rockwell Middle School</b>                                                            | MIRJ-01.CB.DP                                                         | McCoy Drain-Red Run<br>Drain          | Red Run Drain and<br>Bear Creek | E.coli    |



## TMDL Sample Locations

| <b>Mount Clemens Community Schools</b>                                   |                           |                                            |                        |                  |
|--------------------------------------------------------------------------|---------------------------|--------------------------------------------|------------------------|------------------|
| <b>Facility</b>                                                          | <b>Point of Discharge</b> | <b>Receiving Waters</b>                    | <b>Applicable TMDL</b> | <b>Parameter</b> |
| <b>Mount Clemens High School and Mount Clemens Middle School Complex</b> | MCHS-01.MH.DP             | Cranberry Marsh Drain of the Clinton River | Clinton River          | E.coli           |
| <b>M. L. King Jr. Early Childhood Center</b>                             | MCEC-08.MH.DP             | Clinton River                              | Clinton River          | E.coli           |
| <b>Seminole Academy</b>                                                  | MCSA-01.CB.DP             | Cranberry Marsh Drain of the Clinton River | Clinton River          | E.coli           |
| <b>Washington Elementary School (Leased)</b>                             | N/A                       | N/A                                        | N/A                    | N/A              |

## TMDL Sample Locations

| <b>New Haven Community Schools</b>                                     |                          |                               |                          |                          |
|------------------------------------------------------------------------|--------------------------|-------------------------------|--------------------------|--------------------------|
| Facility                                                               | Point of Discharge       | Receiving Waters              | Applicable TMDL          | Parameter                |
| <b>Administration Building/Bus Garage</b>                              | NHA-29.CB.OF             | Shook Drain of the Salt River | Salt River               | E.coli                   |
| <b>Endeavour Elementary School and Endeavour Middle School Complex</b> | N/A - Non Urbanized Area | N/A - Non Urbanized Area      | N/A - Non Urbanized Area | N/A - Non Urbanized Area |
| <b>New Haven Elementary School and New Haven High School Complex</b>   | NHEH-02.OP.OF            | Salt River                    | Salt River               | E.coli                   |
|                                                                        | NHEH-69.DP.OF            | Salt River                    | Salt River               | E.coli                   |
| <b>E.F. Siefert Elementary School (Leased)</b>                         | N/A - Non Urbanized Area | N/A - Non Urbanized Area      | N/A - Non Urbanized Area | N/A - Non Urbanized Area |

## TMDL Sample Locations

| <b>Romeo Community Schools</b>                                |                    |                                                             |                        |           |
|---------------------------------------------------------------|--------------------|-------------------------------------------------------------|------------------------|-----------|
| Facility                                                      | Point of Discharge | Receiving Waters                                            | Applicable TMDL        | Parameter |
| <b>Administration Building</b>                                | RAB-01.CB.DP       | East Pond Creek/ North Branch Clinton River                 | East Pond Creek        | E.coli    |
| <b>Amanda Moore Elementary School</b>                         | RAM-01.CB.DP       | Healy Brook Drain of the Middle Branch of the Clinton River | East Pond Creek        | E.coli    |
| <b>Croswell Early Childhood Center and Bus Garage Complex</b> | RBG-03.CB.DP       | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River          | E.coli    |
|                                                               | RBG-04.MH.DP       | Healy Brook Drain of the Middle Branch of the Clinton River | Clinton River          | E.coli    |
| <b>Former Romeo Middle School</b>                             | RMS-02.CB.DP       | Healy Brook Drain of the Middle Branch of the Clinton River | East Pond Creek        | E.coli    |
| <b>Hamilton-Parsons Elementary School</b>                     | RHP-01.OP.OF       | Stony Creek of the North Branch of the Clinton River        | Statewide E. coli TMDL | E.coli    |
| <b>Hevel Elementary School</b>                                | RHE-01.MH.DP       | Healy Drain of the Middle Branch of the Clinton River       | Clinton River          | E.coli    |
| <b>Indian Hills Elementary School</b>                         | RIH-03.CB.DP       | Yates Drain of the Middle Branch of the Clinton River       | Clinton River          | E.coli    |
| <b>Powell 9th Grade Academy and Romeo High School Complex</b> | RPM-01.OP.OF       | Yates Drain of the Middle Branch of the Clinton River       | Clinton River          | E.coli    |
| <b>Romeo Middle School</b>                                    | N/A                | N/A                                                         | N/A                    | N/A       |
| <b>Romeo Warehouse Facility</b>                               | RWF-01.MH.DP       | Yates Drain of the Middle Branch of the Clinton River       | Clinton River          | E.coli    |
| <b>Washington Elementary School</b>                           | RWE-01.CB.DP       | Brown Drain of the Middle Branch of the Clinton River       | Clinton River          | E.coli    |

## TMDL Sample Locations

| Roseville Community Schools                                                |                    |                                                 |                                                  |           |
|----------------------------------------------------------------------------|--------------------|-------------------------------------------------|--------------------------------------------------|-----------|
| Facility                                                                   | Point of Discharge | Receiving Waters                                | Applicable TMDL                                  | Parameter |
| Dort Elementary School                                                     | RVDE-01.CB.DP      | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Eastland Middle School                                                     | N/A                | N/A                                             | N/A                                              | E.coli    |
| Fountain Elementary School                                                 | N/A                | N/A                                             | N/A                                              | E.coli    |
| Kaiser Elementary School                                                   | RVKE-05.MH.DP      | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Kment Elementary School                                                    | KMT-05.CB.DP       | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Patton Elementary School                                                   | PAT-01.MH.DP       | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Roseville Administration and Maintenance Facility Complex                  | RVAB-01.CB.DP      | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Roseville High School                                                      | RVRH-01.MH.DP      | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Roseville Middle School/Bus Garage and Steenland Elementary School Complex | RBMS-01.MH.DP      | Clinton River Spillway - Frontal Lake St. Clair | Lake St. Clair Metropolitan and Memorial Beaches | E.coli    |
| Ruth H. Green Elementary School (Former Huron Park ES)                     | N/A                | N/A                                             | N/A                                              | N/A       |
| Vacant Lot: 16240 Guest Ct.                                                | N/A                | N/A                                             | N/A                                              | N/A       |
| Vacant Lot: 16250 Guest Ct.                                                | N/A                | N/A                                             | N/A                                              | N/A       |
| Vacant Lot: Frazho Rd.                                                     | N/A                | N/A                                             | N/A                                              | N/A       |
| Vacant Lot: John J                                                         | N/A                | N/A                                             | N/A                                              | N/A       |
| Vacant Lot: Melvin                                                         | N/A                | N/A                                             | N/A                                              | N/A       |

## TMDL Sample Locations

| <b>Roseville Community Schools</b> |                           |                         |                        |                  |
|------------------------------------|---------------------------|-------------------------|------------------------|------------------|
| <b>Facility</b>                    | <b>Point of Discharge</b> | <b>Receiving Waters</b> | <b>Applicable TMDL</b> | <b>Parameter</b> |
| <b>Vacant Lot: Meier</b>           | N/A                       | N/A                     | N/A                    | N/A              |

## TMDL Sample Locations

| <b>Utica Community Schools</b>                                                             |                    |                                                  |                              |           |
|--------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|------------------------------|-----------|
| Facility                                                                                   | Point of Discharge | Receiving Waters                                 | Applicable TMDL              | Parameter |
| <b>Administrative Service Center (Gibbing Building)</b>                                    | USNG-01.CB.DP      | Plum Brook Drain                                 | Red Run Drain and Bear Creek | E.coli    |
| <b>Utica Applied Learning Center (UALC)</b>                                                | USTD-01.MH.DP      | Plum Brook Drain                                 | Red Run Drain and Bear Creek | E.coli    |
| <b>Auxiliary Servies Facility (ASF) (Transportation)</b>                                   | N/A                | N/A                                              | N/A                          | N/A       |
| <b>Beacon Tree Elementary School</b>                                                       | N/A                | N/A                                              | N/A                          | N/A       |
| <b>Beck Centennial Elementary School</b>                                                   | USBC-20.OP.DP      | Middle Branch of the Clinton River               | Clinton River                | E.coli    |
| <b>Bemis Jr. High School and Browning Elementary School Complex</b>                        | USBE-08.MH.DP      | Cranberry Marsh Drain                            | Clinton River                | E.coli    |
| <b>Burr Elementary School</b>                                                              | USBU-02.MH.DP      | Gibson Drain - Plum Brook Drain                  | Red Run Drain and Bear Creek | E.coli    |
| <b>Crissman Elementary School</b>                                                          | CES-02.OP.OF       | Yates Drain - Middle Branch of the Clinton River | Clinton River                | E.coli    |
| <b>Collins Elementary School</b>                                                           | USCE-01.MH.DP      | Plum Brook Drain                                 | Red Run Drain and Bear Creek | E.coli    |
| <b>Davis Jr. High School and Utica Community Education Center (Formerly Walsh) Complex</b> | N/A                | N/A                                              | N/A                          | N/A       |
| <b>Dekeyser Elementary School</b>                                                          | USDK-03.CB.OF      | Cranberry Marsh Drain                            | Clinton River                | E.coli    |
| <b>Dresden Elementary School</b>                                                           | N/A                | N/A                                              | N/A                          | N/A       |
| <b>Duncan Elementary School</b>                                                            | N/A                | N/A                                              | N/A                          | N/A       |
| <b>Ebeling Elmentary School</b>                                                            | USEE-02.MH.DP      | Gloede Ditch                                     | Clinton River                | E.coli    |
| <b>Eisenhower High School and Mallow Jr. High School Complex</b>                           | EMC-16.OP.OF       | Woodston Drain                                   | Clinton River                | E.coli    |

## TMDL Sample Locations

| <b>Utica Community Schools</b>                                                                         |                    |                       |                              |           |
|--------------------------------------------------------------------------------------------------------|--------------------|-----------------------|------------------------------|-----------|
| Facility                                                                                               | Point of Discharge | Receiving Waters      | Applicable TMDL              | Parameter |
| <b>Eppler Jr. High School/Security Office</b>                                                          | N/A                | N/A                   | N/A                          | N/A       |
| <b>Flickinger Elementary School</b>                                                                    | FLG-08.LS.DP       | Gloede Ditch          | Clinton River                | E.coli    |
| <b>Ford II High School</b>                                                                             | N/A                | N/A                   | N/A                          | N/A       |
| <b>Graebner Elementary School</b>                                                                      | USGE-01.MH.DP      | Cranberry Marsh Drain | Clinton River                | E.coli    |
| <b>Harvey Elementary School</b>                                                                        | HAR-04.CB.DP       | Cranberry Marsh Drain | Clinton River                | E.coli    |
| <b>Havel Elementary School</b>                                                                         | USHE-01.CB.DP      | Cranberry Marsh Drain | Clinton River                | E.coli    |
| <b>Heritage Jr. High School and Oakbrook Elementary School Complex</b>                                 | USHJ-01.CB.DP      | Plum Brook Drain      | Red Run Drain and Bear Creek | E.coli    |
|                                                                                                        | USHJ-02.MH.DP      | Plum Brook Drain      | Red Run Drain and Bear Creek | E.coli    |
| <b>Joan C. Sergent Instructional Resource Center (IRC)(Utica Center for Math, Science, &amp; Tech)</b> | USSI-01.CB.DP      | Gloede Ditch          | Clinton River                | E.coli    |
| <b>Jeannette Jr. High School</b>                                                                       | USJJ-01.CB.DP      | Gibson Drain          | Red Run Drain and Bear Creek | E.coli    |
| <b>Rose Kidd Elementary School</b>                                                                     | N/A                | N/A                   | N/A                          | N/A       |
| <b>Messmore Education Center</b>                                                                       | USMS-01.MH.DP      | Plum Brook Drain      | Red Run Drain and Bear Creek | E.coli    |
| <b>Monfort Elementary School</b>                                                                       | MES-07.OP.DP       | Kingsberry Drain      | Clinton River                | E.coli    |
| <b>Morgan Elementary School</b>                                                                        | MES-09.OP.OF       | Lawson Drain          | Clinton River                | E.coli    |

## TMDL Sample Locations

| <b>Utica Community Schools</b>                              |                    |                       |                              |           |
|-------------------------------------------------------------|--------------------|-----------------------|------------------------------|-----------|
| Facility                                                    | Point of Discharge | Receiving Waters      | Applicable TMDL              | Parameter |
| Plumbrook Elementary School                                 | N/A                | N/A                   | N/A                          | N/A       |
| Roberts Elementary School                                   | N/A                | N/A                   | N/A                          | N/A       |
| Schuchard Elementary School                                 | USCC-01.MH.DP      | Big Beaver Creek      | Red Run Drain and Bear Creek | E.coli    |
| Schwarzkoﬀ Elementary School                                | USSK-12.MH.DP      | Cranberry Marsh Drain | Clinton River                | E.coli    |
| Shelby Jr. High School                                      | SHLB-24.DR.DP      | Gloede Ditch          | Clinton River                | E.coli    |
| Stevenson High School                                       | USSH-23.CB.DP      | Phiel Drain           | Clinton River                | E.coli    |
| Switzer Elementary School                                   | SES-06.CB.DP       | Yates Drain           | Clinton River                | E.coli    |
| Utica High School                                           | USUH-01.MH.OF      | Cranberry Marsh Drain | Clinton River                | E.coli    |
| West Utica Elementary School                                | N/A                | N/A                   | N/A                          | N/A       |
| Wiley Elementary School and T.M.G. (Old Bus Garage) Complex | N/A                | N/A                   | N/A                          | N/A       |



## TMDL Sample Locations

| <b>Van Dyke Public Schools</b>                                                       |                    |                       |                              |           |
|--------------------------------------------------------------------------------------|--------------------|-----------------------|------------------------------|-----------|
| Facility                                                                             | Point of Discharge | Receiving Waters      | Applicable TMDL              | Parameter |
| <b>Carlson Elementary School</b>                                                     | VDCE-01.CB.DP      | Harrington West Drain | Red Run Drain and Bear Creek | E.coli    |
| <b>Kennedy Early Childhood Center (Formerly Kennedy Elementary School)</b>           | N/A                | N/A                   | N/A                          | N/A       |
| <b>Lincoln Elementary School, Lincoln High School, Lincoln Middle School Complex</b> | VDHS-09.MH.DP      | Lorraine Drain        | Red Run Drain and Bear Creek | E.coli    |
| <b>McKinley Elementary School</b>                                                    | VDME-01.CB.DP      | Red Run Drain         | Red Run Drain and Bear Creek | E.coli    |
| <b>Service Building and Washington Elementary Complex</b>                            | VDWE-02.CB.DP      | Harrington Drain      | Red Run Drain and Bear Creek | E.coli    |
| <b>Thompson Community Center</b>                                                     | VDTC-01.CB.DP      | Lorraine Drain        | Red Run Drain and Bear Creek | E.coli    |
| <b>Van Dyke Public Schools Administration Building</b>                               | N/A                | N/A                   | N/A                          | N/A       |
| <b>Vacant Lot: Jackson Road</b>                                                      | N/A                | N/A                   | N/A                          | N/A       |
| <b>Vacant Lot: Peters Avenue</b>                                                     | N/A                | N/A                   | N/A                          | N/A       |

## TMDL Sample Locations

| <b>Warren Consolidated Schools</b>                                   |                    |                          |                              |           |
|----------------------------------------------------------------------|--------------------|--------------------------|------------------------------|-----------|
| Facility                                                             | Point of Discharge | Receiving Waters         | Applicable TMDL              | Parameter |
| <b>Adminstration Building</b>                                        | WCAD-01.CB.DP      | McCoy Drain - Red Run    | Red Run Drain and Bear Creek | E.coli    |
| <b>Agnus Elementary School</b>                                       | WCAE-01.MH.DP      | Rickabus Drain           | Red Run Drain and Bear Creek | E.coli    |
| <b>Agnes E. Beer Middle School</b>                                   | WCAB-01.CB.DP      | Grobbel Relief Drain     | Red Run Drain and Bear Creek | E.coli    |
| <b>Black Elementary School</b>                                       | WCBE-01.MH.DP      | McCoy Drain - Red Run    | Red Run Drain and Bear Creek | E.coli    |
| <b>Carter Middle School and Wikerson Elementary School Complex</b>   | WWCA-01.MH.DP      | Clinton River            | Red Run Drain and Bear Creek | E.coli    |
| <b>Carleton Middle School and Fillmore Elementary School Complex</b> | CAF-14.CB.DP       | Plum Brook               | Red Run Drain and Bear Creek | E.coli    |
|                                                                      | CAF-37.CB.DP       | Plum Brook               | Red Run Drain and Bear Creek | E.coli    |
| <b>Career Prep Center</b>                                            | N/A                | N/A                      | N/A                          | N/A       |
| <b>Cromie Elementary School</b>                                      | WCCE-03.CB.DP      | McCoy Drain - Red Run    | Red Run Drain and Bear Creek | E.coli    |
| <b>Community High School/Hatherly Educational Center</b>             | WCHA-01.MH.DP      | Big Beaver Creek         | Red Run Drain and Bear Creek | E.coli    |
| <b>Cousino High School</b>                                           | WCCH-46.MH.DP      | McCoy Drain - Red Run    | Red Run Drain and Bear Creek | E.coli    |
| <b>Green Acres Elementary School</b>                                 | WCGA-01.CB.DP      | Red Run Drain            | Red Run Drain and Bear Creek | E.coli    |
| <b>Grissom Middle School</b>                                         | WCGM-01.MH.DP      | Big Beaver Creek         | Red Run Drain and Bear Creek | E.coli    |
| <b>Harwood Elementary School</b>                                     | WCHE-01.CB.DP      | Big Beaver Creek         | Red Run Drain and Bear Creek | E.coli    |
| <b>Holden Elementary School</b>                                      | WCHO-01.CB.DP      | Big Beaver Creek         | Red Run Drain and Bear Creek | E.coli    |
| <b>Jefferson Elementary School</b>                                   | N/A                | N/A                      | N/A                          | N/A       |
| <b>Maintenance and Transportation Center</b>                         | WCMT-01.CB.DP      | Meckler Drain of Red Run | Red Run Drain and Bear Creek | E.coli    |
| <b>Macomb Mathematics Science Technology Center (MMSTC)</b>          | WCMM-05.CB.DP      | McCoy Drain - Red Run    | Red Run Drain and Bear Creek | E.coli    |
| <b>Pearl Lean Elementary School</b>                                  | N/A                | N/A                      | N/A                          | N/A       |

## TMDL Sample Locations

| <b>Warren Consolidated Schools</b>                            |                    |                                 |                              |           |
|---------------------------------------------------------------|--------------------|---------------------------------|------------------------------|-----------|
| Facility                                                      | Point of Discharge | Receiving Waters                | Applicable TMDL              | Parameter |
| <b>Pfromm Educational Center</b>                              | N/A                | N/A                             | N/A                          | N/A       |
| <b>Siersma Elementary School</b>                              | N/A                | N/A                             | N/A                          | N/A       |
| <b>Sterling Heights High School/School of Performing Arts</b> | WCSH-75.MH.DP      | Plum Brook                      | Red Run Drain and Bear Creek | E.coli    |
| <b>Susick Elementary School</b>                               | SCSU-04.CB.DP      | Big Beaver Creek                | Red Run Drain and Bear Creek | E.coli    |
| <b>Warren Mott High School</b>                                | WCWM-02.MH.DP      | McCoy Drain - Red Run           | Red Run Drain and Bear Creek | E.coli    |
| <b>Wilde Elementary School</b>                                | WCWI-01.OP.DP      | Masonic Arm of Schoenherr Drain | Red Run Drain and Bear Creek | E.coli    |
| <b>Willow Woods Elementary School</b>                         | WCWW-03.CB.DP      | Plum Brook                      | Red Run Drain and Bear Creek | E.coli    |

## TMDL Sample Locations

| <b>Warren Woods Public Schools</b>                                    |                    |                  |                                 |           |
|-----------------------------------------------------------------------|--------------------|------------------|---------------------------------|-----------|
| Facility                                                              | Point of Discharge | Receiving Waters | Applicable TMDL                 | Parameter |
| Briarwood Elementary School                                           | N/A                | N/A              | N/A                             | N/A       |
| Enterprise High School/<br>Warren Woods Middle School<br>Complex      | WWMS-02.MH.DP      | Harrington Drain | Red Run Drain and<br>Bear Creek | E.coli    |
| Pinewood Elementary School                                            | N/A                | N/A              | N/A                             | N/A       |
| Warren Woods Early<br>Childhood Center                                | WWEC-01.MH.DP      | Harrington Drain | Red Run Drain and<br>Bear Creek | E.coli    |
| Warren Woods Tower High<br>School and Maintenance<br>Building Complex | WWTH-01.MH.DP      | Harrington Drain | Red Run Drain and<br>Bear Creek | E.coli    |
| Westwood Elementary School                                            | WWWE-03.MH.DP      | Harrington Drain | Red Run Drain and<br>Bear Creek | E.coli    |