CHARTER TOWNSHIP OF SUPERIOR
REGULAR BOARD MEETING
SUPERIOR CHARTER TOWNSHIP HALL
3040 N. PROSPECT, SUPERIOR TOWNSHIP, MI 48198
JULY 15, 2024
7:00 p.m.
AGENDA

1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **ROLL CALL**
4. **APPROVAL OF AGENDA**
5. **PRESENTATIONS AND PUBLIC HEARING**
   A. Priority Waste
6. **CITIZEN PARTICIPATION**
7. **CONSENT AGENDA**
   A. APPROVAL OF MINUTES **TAB 1**
      1. June 17, 2024, Regular Meeting
      2. June 26, 2024, Special Meeting

   B. REPORTS **TAB 2**
      1. Supervisor
      2. Liaison Report on Parks & Recreation Commission Meeting – Trustee Lindke
      3. Community Center Advisory Committee Update – Clerk Findley
      4. Departmental Reports: Building Department, Fire Department, Parks Commission Minutes, Sheriff's Report, Utility Department's Report, Assessing Report
      5. Treasurer's Reconciliation
      6. Controller's Report
      7. Monthly Financial Reports, June

   C. COMMUNICATIONS **TAB 3**
      1. Committee to Promote Superior Township (C2PST)

8. **ITEMS REMOVED FROM THE CONSENT AGENDA**
9. **UNFINISHED BUSINESS**
10. **NEW BUSINESS TAB 4**
    A. Resolution 2024-44, Approve Huron River Watershed Council (HRWC) Invoice
    B. Resolution 2024-45, Approve Invoice for Annual Membership Dues to the Southeast Michigan Council of Governments
    C. Resolution 2024-46, Approve Charter Township of Superior Purchasing Policy

D. Resolution 2024-47, Approve Prospect Pointe West Phase 2 Development Agreement
E. Resolution 2024-48, Amending the Rates, Fees and Charges Related to Water Services Provided by the Township's Utility Department (Ypsilanti Community Utility Authority Water District)
F. Resolution 2024-49, Amending the Rates, Fees and Charges Related to Water Services Provided by the Township's Utility Department (Ann Arbor Township Water District)
G. Resolution 2024-50, Reallocating American Rescue Plan Act (ARPA) Funds
H. Motion to Approve Clay Hill Community Farm & Garden Transient Amusement Application

Discussion Items:

I. 290 W Clark Rd. Restoration (Hoving Property)
J. Appointment Process to Superior Township Road Committee
K. Human Resources
L. Controller Status
M. Dewpoint (IT Services)
N. DG Escrow Payment
O. Sidewalks Updates
P. Lights in Neighborhoods

11. BILLS FOR PAYMENT AND RECORD OF DISBURSEMENTS TAB 5
12. PLEAS AND PETITIONS
13. ADJOURNMENT

Lynette Findley, Clerk, Superior Township, 3040 N. Prospect, Superior Township, MI 48198
Telephone: 734-482-6099; Email:lynettefindley@superior-twp.org

There will be a meeting of the Charter Township of Superior Election Commission immediately after the Board meeting.

1. CALL TO ORDER

The regular meeting of the Charter Township of Superior Board was called to order by the Supervisor Ken Schwartz at 7:00 p.m. on June 17, 2024, at the Superior Charter Township Hall, 3040 North Prospect, Superior Charter Township, Michigan.

2. PLEDGE OF ALLEGIANCE

Supervisor Schwartz led the assembly in the pledge of allegiance to the flag.

3. ROLL CALL

The members present were Supervisor Ken Schwartz, Clerk Lynette Findley, Treasurer Lisa Lewis, Trustee Nancy Caviston, Trustee Bernice Lindke, Trustee Rhonda McGill, and Trustee Bill Secrest.

Absent: None

4. ADOPTION OF AGENDA

It was moved by Trustee Lindke supported by Trustee McGill, to adopt the agenda with the amendments of the following:

It was moved by Trustee Secrest supported by Clerk Findley to have a special meeting to discuss the audit report.

The motion carried by unanimous vote.

Remove:

PRESENTATIONS AND PUBLIC HEARINGS

KEN PALKA, AUDITOR, FINANCIAL STATEMENT AUDIT & REPRESENTATION LETTERS FOR YEAR-END DECEMBER 31, 2023

Add:

NEW BUSINESS

WASHTENAW COUNTY ROAD COMMISSION (WCRC) 2024 ROAD IMPROVEMENTS

The motion to adopt the agenda carried by unanimous vote.

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5. CITIZEN PARTICIPATION

A. CITIZEN COMMENTS

- Dana Green, asked for Board members to speak in the microphone.
- Ramona Parker Hayden, Resident, raised concerns about the Audit, period ending December 31, 2023.
- Brenda Baker, Ashton Ct., spoke about the Committee to Promote Superior Township (C2PST).
- Clerk Findley made it clear that she is unable to share information that is deemed "politically twisted".
- Rob Zimmerman, Pittsfield Township, spoke about his candidacy for Washtenaw County Treasurer.
- T.C. Collins, Director of Willow Run Acres, thanked the Township for the opportunity to participate in Superior Day.
- Juan Bradford, Parks and Recreation Director, announced that this coming Saturday is Kite and Rocket Day at Fireman's Park.
- Ryan Eaton, Springhill Dr., thanked the Board for the new pathway being constructed on Plymouth Rd. and asked what needs to be done to extend it to the Tanglewood entrance.

6. PRESENTATIONS AND PUBLIC HEARINGS

~~A. KEN PALKA, AUDITOR, FINANCIAL STATEMENT AUDIT & REPRESENTATION LETTERS FOR YEAR-END DECEMBER 31, 2023~~

Item "A" was tabled to the Special Meeting.

B. GFL/PRIORITY WASTE

Representatives from both companies did not attend the meeting.

- Supervisor Schwartz informed the Board that Paul was supposed to attend the meeting to provide an update on the transition from GFL to Priority Waste, scheduled for July 1st. He noted a lack of information from both GFL and Priority Waste but stated that the contract terms, including pick-up schedules, compost days, yard waste days, and recycling days, would remain unchanged with the transition. He expressed disappointment that Priority Waste representatives were not present at the meeting to provide further information and reassurance to the Board.
- Trustee McGill expressed concern that the transition from GFL to Priority Waste might lead to more problems. She struggled with the lack of responsiveness in making an appointment

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and questioned whether the changeover would provide an opportunity to renegotiate the entire trash services contract and open it up for RFP.

- Attorney Fred Lucas stated that while the contract is assignable, they would need a good reason to object to the assignment. He added that there is no provision specifically allowing the contract to be reopened, but the right of approval might provide an opportunity to discuss issues with the new company.
- Trustee McGill asked if Priority Waste would absorb GFL's personnel, trucks, and other assets.
- Attorney Fred Lucas responded that they currently lack information about the new company's plans and emphasized the need for a discussion with Priority Waste before agreeing to the contract assignment. He noted that without this discussion, it would be premature to agree to the assignment.
- Supervisor Schwartz shared his understanding that GFL employees were terminated and would need to reapply at Priority Waste, and that GFL's trucks and inventory would be sold to Priority Waste. However, he noted that this information came from a local foreman and not from higher-ups at GFL.
- Trustee McGill stated her lack of confidence in Priority Waste and urged the Board to consider other opportunities.
- Clerk Findley commented that Priority Waste is currently servicing Redwood Apartments and has been doing an outstanding job. She recalled that Priority Waste had been more engaged in meetings than GFL when the initial decision was made. She emphasized their timely performance in the areas they currently service.
- Trustee McGill acknowledged Clerk Findley's comments but pointed out that servicing Redwood Apartments is one small area compared to the larger service area.
- Treasurer Lewis asked if the Priority trucks would be identified as Priority or still labeled GFL.
- Attorney Fred Lucas explained that typically in an asset sale, which this appears to be, the assets of GFL are being purchased, not the company itself. He confirmed that the termination of GFL employees aligns with this type of business arrangement. He speculated that Priority would likely relabel the trucks with their branding but emphasized that it is premature to make any definitive statements. He suggested that they need to sit down and talk with Priority before agreeing or disagreeing with the contract assignment.

C. RICK TAYLOR, REINHART REALTORS

- Rick Taylor from Reinhart Realtors addressed the Board, providing an update on the property listed on Plymouth Road. He mentioned that the property was not yet open for public viewing as they were preparing it. He detailed the clearing work he personally undertook using his own equipment to create walking paths and enhance the property's charm.
- Mr. Taylor shared that he had applied for a soil evaluation and coordinated with Mike Shepard Excavating. They discovered that the soil was sugar sand, which is favorable for building. He confirmed that the soil evaluation report was received and there were no restrictions on building a house on the property.

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- Mr. Taylor informed the Board about a legal right for a driveway to come off Allendale Drive instead of Plymouth Road, enhancing the property's value. He also mentioned that the property had been surveyed, and he addressed some encroachment issues with a neighboring property owner.
- Mr. Taylor discussed the well drilling process, noting that Ann Arbor Well Drilling offered a quote of $3,735.00, which was significantly lower than other quotes. He cautioned the Board about the possibility of hitting a dry well but emphasized the importance of having a well as a selling feature.
- Supervisor Schwartz inquired about the well drilling bid, and Rick Taylor confirmed the details, including the involvement of the sanitarian in identifying the best location for the well.
- Mr. Taylor announced that they had received an offer for the property. He noted that vacant land typically sells slower and expressed confidence in the buyer, who was willing to pay full price and conduct due diligence within 30 days.
- Trustee Lindke highlighted the significant increase in the offer amount compared to initial discussions and commended Rick Taylor's efforts.
- Clerk Findley praised Rick Taylor for his thorough and ethical work as a realtor, expressing satisfaction with his performance.
- Mr. Taylor concluded by emphasizing the property's charm and the straightforward nature of the deal, noting the absence of financial contingencies and the buyer's readiness to pay in cash.

7. CONSENT AGENDA

It was moved by Trustee McGill supported by Trustee Lindke to approve the Consent Agenda pulling the following items for discussion:

- **SUPERVISORS REPORT**
- **APPROVAL OF MINUTES**
- **CONTROLLERS REPORT**

The motion carried by unanimous vote.

~~A. APPROVAL OF MINUTES~~

~~a. MAY 20, 2024, REGULAR MEETING~~

B. REPORTS

~~a. SUPERVISOR REPORT~~

b. LIAISON REPORT ON PARKS & RECREATION COMMISSION MEETING
c. COMMUNITY CENTER ADVISORY COMMITTEE
d. DEPARTMENT REPORTS: BUILDING DEPARTMENT, FIRE DEPARTMENT, PARKS COMMISSION MINUTES, SHERIFF'S REPORT, PLANNING AND ZONING REPORT, UTILITY DEPARTMENT'S REPORT, ASSESSING REPORT
~~e. CONTROLLERS REPORT~~
f. FINANCIAL REPORT, (MAY)

C. COMMUNICATIONS

a. TREASURER'S SUPERIOR DAY THANK YOU LETTER

(All letters and documents given at the table are attached to the end of these minutes)

8. ITEMS REMOVED FROM THE CONSENT AGENDA

A. APPROVAL OF MINUTES

MAY 20, 2024, REGULAR MEETING

The minutes were approved by unanimous vote.

B. SUPERVISORS REPORT

- Trustee Lindke inquired about Washtenaw County Parks' demand for compensation at the Clark Road pump station, referencing a $95,000.00 claim for damages and rent. She mentioned that the property involved was discussed previously, and they had until November last year to complete the work, which was done on time.
- Supervisor Schwartz responded that he sent the matter to George Tsakoff, OHM, for analysis and had been in contact with the parks department. He received new information from them on Friday and forwarded it to OHM for review. A meeting with their attorney and a representative from the Washtenaw County Parks Commission (WCPC) at the site is planned for next week to discuss the claimed damages.
- Trustee Lindke requested a copy of the communication from the WCPC, which Supervisor Schwartz agreed to provide.
- Supervisor Schwartz addressed the Washtenaw County Road Commission's request for financial participation in revamping Joy Road, a project involving a bridge and culvert. He noted that Salem Township had agreed to pay half, and the Washtenaw County Road Commission (WCRC) would cover roughly a third, leaving the Township with a $500,000.00 cost. He mentioned that Salem Township declined to finance the project and allow the Township to repay over time.

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- Trustee Lindke clarified that Cribley Well had not quoted $70,000.00 for digging a well. She asked about the possibility of getting utilities water to the site, which was confirmed as an option.
- Mr. Bradford responded that in a previous meeting with the Washtenaw County Health Department, they discussed the potential costs of a well versus using public water. The estimated annual cost for public water was $2,500.00 to $3,000.00, which is more cost-effective than installing a new well.
- Trustee Lindke asked about the status of the volunteer efforts and the well installation for the Clay Hill project.
- Trustee McGill said that she would like to hear all concerns regarding the project and gave the floor to Supervisor Schwartz to share his concerns.
- Supervisor Schwartz expressed concerns about the lack of a preliminary site plan and the slow progress despite available funding.
- Jan Piert provided an update on the site plan process for the Clay Hill project, stating that they were ready to submit to the Washtenaw County Road Commission (WCRC) but were waiting for updated zoning information from the Township. They are also working with the Water Resources Commission on developing a stormwater system to reduce water costs and increase sustainability.
- Trustee Lindke expressed her support for the sustainability efforts and asked about the cost concerns related to the well.
- Jan Piert reiterated that they were following the agreed-upon process and highlighted the involvement of Engineers Without Borders, who provide free engineering services for nonprofits.
- Trustee Secrest confirmed that trees had been purchased and discussed the logistics of planting and maintaining them, including potential costs and efforts required.
- Trustee Lindke questioned whether the recent invoice from the Hoving family for restoring their front yard was legitimate.
- Supervisor Schwartz confirmed that the invoice was being reviewed to ensure no double payments were made, as the Township had already paid them a significant amount.
- Trustee Lindke suggested having Keith Lockie verify the accounting to ensure that previous payments were accounted for correctly.

9. UNFINISHED BUSINESS

A. CHARTER TOWNSHIP OF SUPERIOR PURCHASING POLICY DRAFT

- Trustee Lindke shared that this policy was modeled after Pittsfield Township.
- Trustee Lindke said this is for information, and the Board can review and move on it at a later date.

B. ORDINANCE PROCESS/ORDINANCE ENFORCEMENT

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- Supervisor Schwartz shared that the Ordinance Officer, Mr. Ronald Peatry, can no longer work and he will generate a job description and post it. In the interim, the Supervisor will be taking on the responsibility.

C. CLAY HILL COMMUNITY FARM AND GARDEN: IDENTIFY TREE FUNDING SOURCE

It was moved by Trustee Lindke supported by Clerk Findley to have the tree proposal [Clay Hill Community Farm and Garden (May 20, 2024, Board Meeting)] paid by the tree fund.

The motion carried by unanimous vote.

D. CONTROLLER STATUS

- Trustee Lindke referenced a previous discussion about keeping Keith Lockie, Township Controller, on until after the audit and noted that an audit discussion was scheduled for next week. She expressed concern about the lack of a transition plan.
- Supervisor Schwartz mentioned that Mr. Lockie would stay on until November 20, 2024, but emphasized the need to advertise for his replacement.
- Trustee Lindke questioned who decided on the November 20 date, stating that Aalea Skrycki, Superior Township Utilities Department, was already trained and Nancy Mason, Township Bookkeeper, indicated that Mr. Lockie's services were not heavily used. She believed the decision should rest with the Board.
- Supervisor Schwartz reiterated that Mr. Lockie had informed the Board of his plans and believed the Board had assented but acknowledged that the Board could reconsider.
- Clerk Findley recalled that Mr. Lockie had previously announced his intention to resign, and the Board had not actively responded to his comment, leaving the matter unresolved.
- Trustee Lindke suggested that the Board should start looking for a replacement and mentioned the Woodhill group, noting positive feedback from other municipalities.
- Supervisor Schwartz agreed that the Board had initially thought to start the transition process around July or August, with a new person coming in by September or October and Keith departing in November.
- Clerk Findley questioned the basis of this timeline, indicating that the Board had not formally discussed it.
- Trustee Lindke suggested addressing the matter at the special meeting.

E. IT SERVICES UPDATE

- Trustee Lindke said she would have Dewpoint give a presentation in July.
- The Board agreed.

10. NEW BUSINESS

A. RESOLUTION 2024-35, APPROVE PURCHASE AGREEMENT BETWEEN SUPERIOR CHARTER TOWNSHIP AND ANYWHERE LOMBARDO, LLC.

- Rick Taylor provided details on the property offer, stating the offer is for $200,000.00 with a 30-day due diligence period followed by closing within two weeks. He mentioned that Liberty Title has prepared a pre-commitment for the property and suggested two minor changes to the offer: escrowing $10,000.00 with Liberty Title and adding a seller attorney approval of the sales contract and title work for board protection.
- Supervisor Schwartz expressed his opinion that the offer price seemed fair and acknowledged that the property might not sell quickly if put on the market.
- Rick Taylor elaborated, suggesting that putting the property on the market could lead to a lower offer if it doesn't sell quickly. He recommended accepting the current offer as it is a sound, cash offer with no financial contingencies.
- Trustee Lindke inquired about the well issue. Rick Taylor confirmed that the well condition was necessary and recommended Board approval for the well drilling. He mentioned that the cost for drilling the well was estimated at just under $2,000.00, but he suggested approving up to $3,000.00 in case they need to drill deeper.
- Supervisor Schwartz asked if 65 feet was the estimated depth, which Rick Taylor confirmed, but noted the possibility of needing to drill deeper.

It was moved by Clerk Findley supported by Trustee Lindke to approve the purchase agreement between Superior Charter Township and Anywhere Lombardo LLC for the sale of the property for $200,000.00, including an additional $3,000.00 for well drilling.

- Rick Taylor mentioned that any issues from the title review have been dealt with and confirmed that there were no significant problems.
- Supervisor Schwartz confirmed the motion to accept the offer with the proposed administrative changes on the deposit to the new title company.
- Rick Taylor stated that he would write an addendum and propose it to the purchaser, explaining the use of the existing title company.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE PURCHASE AGREEMENT BETWEEN SUPERIOR CHARTER TOWNSHIP AND ANYWHERE LOMBARDO LLC

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RESOLUTION NUMBER: 2024-35

DATE: JUNE 17, 2024

WHEREAS, Superior Charter Township, located at 3040 Prospect Road, Ypsilanti, MI 48198, desires to sell certain vacant real property located within the Township of Superior, County of Washtenaw, State of Michigan, assigned Tax Parcel Identification No. J-10-08-300-004 (the "Property"); and

WHEREAS, Anywhere Lombardo LLC, a Michigan limited liability company, located at 13001 23 Mile Road, Suite 200, Shelby Township, MI 48315, desires to purchase the Property from Superior Charter Township; and

WHEREAS, a Purchase Agreement (the "Agreement") has been prepared, setting forth the terms and conditions of the sale of the Property for the purchase price of Two Hundred Thousand Dollars ($200,000.00), with a deposit of Ten Thousand Dollars ($10,000.00) to be placed in escrow within three (3) business days after the effective date, and the balance to be paid at closing; and

WHEREAS, the Agreement includes provisions for the Buyer to obtain a survey and for the Seller to provide a title commitment for an ALTA owner's title policy, and allows the Buyer a thirty (30) day feasibility period to conduct inspections and satisfy conditions related to the Property; and

WHEREAS, the Agreement requires the Seller to pay all due and payable taxes, water rates, sewer charges, assessments, and other charges as of the closing date, and to convey the Property by warranty deed at closing;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior Board of Trustees hereby approves the Purchase Agreement between Superior Charter Township and Anywhere Lombardo LLC for the sale of the Property for Two Hundred Thousand Dollars ($200,000.00). The Agreement includes a deposit of Ten Thousand Dollars ($10,000.00) to be placed in escrow, provisions for a title commitment and survey, a thirty (30) day feasibility period for Buyer inspections and requires Seller to pay all due and payable taxes and other charges as of the closing date, with the conveyance of the Property by warranty deed.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of

DRAFT

Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

Lynette Findley, Township Clerk

06/17/2024
Date Certified

Roll Call

Ayes: Treasurer Lewis
Trustee Lindke
Trustee Secrest
Trustee McGill
Supervisor Schwartz
Trustee Caviston
Clerk Findley

Nays: None.

The resolution carried by unanimous vote.

B. RESOLUTION 2024-36, FIRE DEPARTMENT COPIER LEASE

The following resolution was moved by Trustee Caviston supported by Treasurer Lewis.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE CANON PROPOSAL TO UPGRADE FIRE DEPARTMENT COPIER

RESOLUTION NUMBER: 2024-36

DATE: JUNE 17, 2024

WHEREAS, the Charter Township of Superior Fire Department requires reliable and efficient office equipment to effectively carry out its duties; and

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WHEREAS, Canon Solutions America has provided a proposal for a copier upgrade under the NIPA Pricing Program, offering a Canon IRC-3930 model with the following specifications:

- 1 Canon IRC-3930 (30 cpm B&W)
- Single Scan Document Feeder (200 Sheet capacity)
- 4 Cassette 550 sheets each
- Inner Finisher
- 2-3 Hole Punch
- Super G3 Fax Board
- UFR II Controller

WHEREAS, the proposed lease program for a 63-month period is offered at a cost of $170.49 per month; and

WHEREAS, the Canon Solutions America Service Program includes all toners, parts, labor, drums, and cycle maintenance, with B&W overages at $0.007 per copy and color overages at $0.048 per copy; and

WHEREAS, the estimated average increase in monthly costs, based on service and lease, will be approximately $11.41, with an average of 890 copies per month;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior Board of Trustees hereby approves the proposal from Canon Solutions America for the lease and service of a Canon IRC-3930 copier for the Fire Department.

The resolution carried by unanimous vote.

C. RESOLUTION 2024-37, APPROVE AGREEMENT WITH WASHTENAW COUNTY ROAD COMMISSION TO INSTALL SPEED HUMPS ON OVERBROOK DR.

The following resolution was moved by Trustee Lindke supported by Clerk Findley.

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CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE AGREEMENT WITH WASHTENAW COUNTY ROAD COMMISSION TO INSTALL SPEED HUMPS ON OVERBROOK DRIVE

RESOLUTION NUMBER: 2024-37

DATE: JUNE 17, 2024

WHEREAS, the Charter Township of Superior desires to install eight (8) speed humps on Overbrook Drive between Dixboro Road and Creekside Drive (the "Project"); and

WHEREAS, proper authority is provided to the parties of this Agreement under the provisions of Act 51 of Public Acts of 1951 as amended; and

WHEREAS, the Road Commission will prepare documents for the Project; and

WHEREAS, the Township shall promptly reimburse the Road Commission upon receipt of any invoices for all costs and expenses attributed to the Project;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior will pay the Road Commission for all actual costs incurred associated with the construction of the Project estimated to be $69,490.00, paid for out of the Law Fund.

BE IT FURTHER RESOLVED that the Charter Township of Superior will be a named insured on the Washtenaw County Road Commission's coverage for liability for the activities described above. The Road Commission will submit a certificate of insurance evidencing such coverage to the Township Clerk prior to implementation of services under the contract. Each party to this contract shall be responsible for the acts and omissions of its employees and agents.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

DRAFT

Lynette Findley, Township Clerk

06/17/2024
Date Certified

Roll Call

Ayes: Clerk Findley
Trustee Lindke
Trustee Secrest
Trustee McGill
Supervisor Schwartz
Trustee Caviston
Treasurer Lewis

Nays: None.

The resolution carried by unanimous vote.

D. RESOLUTION 2024-38, PARKS AND RECREATION MONTH

Juan Bradford, Parks and Recreation Director, explained the resolution.

The following resolution was moved by Treasurer Lewis supported by Trustee Lindke.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION AUTHORIZING JULY 2024 AS PARKS & RECREATION MONTH

RESOLUTION NUMBER: 2024-38

DATE: JUNE 17, 2024

WHEREAS, parks and recreation is an integral part of communities throughout this country, including the Charter Township of Superior Michigan; and

WHEREAS, parks and recreation promotes health and wellness, improving the physical and mental health of people who live near parks; and

WHEREAS, parks and recreation promotes time spent in nature, which positively impacts mental health by increasing cognitive performance and well-being, and alleviating illnesses such as depression, attention deficit disorders, and Alzheimer;

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and

WHEREAS, parks and recreation encourages physical activities by providing space for popular sports, hiking trails, swimming pools and many other activities designed to promote active lifestyles; and

WHEREAS, parks and recreation is a leading provider of healthy meals, nutrition services and education; and

WHEREAS, park and recreation programming and education activities, such as out of-school time programming, youth sports and environmental education, are critical to childhood development; and

WHEREAS, parks and recreation increases a community's economic prosperity through increased property values, expansion of the local tax base, increased tourism, the attraction and retention of businesses, and crime reduction; and

WHEREAS, parks and recreation is fundamental to the environmental well-being of our community; and

WHEREAS, parks and recreation is essential and adaptable infrastructure that makes our communities resilient in the face of natural disasters and climate change; and

WHEREAS, our parks and natural recreation areas ensure the ecological beauty of our community and provide a place for children and adults to connect with nature and recreate outdoors; and

WHEREAS, the United States House of Representatives has designated July as Parks and Recreation Month; and

WHEREAS, the Charter Township of Superior recognizes the benefits derived from parks and recreation resources.

NOW THEREFORE, BE IT RESOLVED, the Charter Township of Superior Board of Trusties that July 2024 is recognized as Park and Recreation Month in the Charter Township of Superior.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of

DRAFT

Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

Lynette Findley, Township Clerk

06/17/2024
Date Certified

The resolution carried by unanimous vote.

E. RESOLUTION 2024-39, ESTABLISH ROAD COMMITTEE

The Board agreed that the membership will be handled at a later date.

The following resolution was moved by Trustee Lindke supported by Trustee McGill.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO ESTABLISH A ROAD COMMITTEE

RESOLUTION NUMBER: 2024-39

DATE: JUNE 17, 2024

WHEREAS, the Charter Township of Superior recognizes the importance of maintaining and improving the roads within the Township to ensure safety and accessibility for all residents; and,

WHEREAS, there is a need for a dedicated committee to assess the condition of Township roads and to make informed recommendations to the Township Board regarding necessary improvements and maintenance; and,

WHEREAS, the Road Committee will be structured as follows:

1. Membership:

- Two members of the Township Board, appointed by the Board of Trustees.
- Two citizens of the Charter Township of Superior, appointed by the Board of Trustees.

2. Purpose and Duties:

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- The Road Committee shall assess the current condition of all roads within the Township and identify areas in need of maintenance or improvement.
- The Road Committee shall consider the needs of the Township as a whole, prioritizing safety, accessibility, and sustainability.
- The Road Committee shall compile a comprehensive report of their findings and recommendations and present this report to the Township Board.
- The Township Board, at its own discretion, shall review the recommendations and decide which requests to forward to the Washtenaw County Road Commission for further action.

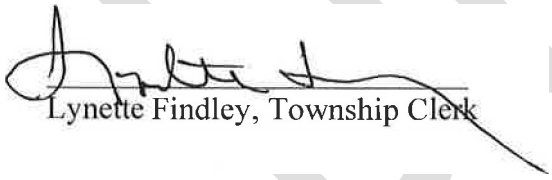
3. Meetings:

- The Road Committee shall meet at least quarterly, or more frequently as necessary, to fulfill its duties.
- All meetings shall be open to the public in accordance with the Michigan Open Meetings Act.

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior hereby establishes a Road Committee

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.



Lynette Findley, Township Clerk

06/17/2024
Date Certified

The resolution carried by unanimous vote.

F. <u>RESOLUTION 2024-40, PLACE "ROCK" PROPERTY UNDER THE JURISDICTION OF PARKS AND RECREATION COMMISSION</u>

The following resolution was moved by Trustee Secrest supported by Trustee Lindke.

- Trustee McGill raised concerns about the establishment of the conservation easement for parks and the flexibility for future changes.
- Clerk Findley invited Mr. Bradford to speak on the matter.
- Supervisor Schwartz clarified that the conservation easement would be between the title holder (the Township) and would likely involve delegating specifics to the Parks and Recreation Commission.
- Mr. Bradford explained that the Parks and Recreation Commission is involved in negotiating the easement and determining usable areas for trails, parking, and other amenities. He mentioned opportunities for trails and recreational spaces, especially in the Birdsong property on Cherry Hill.
- Trustee Secrest commended the efforts and highlighted the potential for significant park development.
- Trustee McGill emphasized the importance of using the “Rock” property for community services and recreational activities, expressing willingness to assist.
- Trustee Lindke agreed with Trustee McGill, stating the original intent for the “Rock” property was to serve as a park for all township residents. She emphasized the importance of board approval for the conservation easement and the need for recreational utilization.
- Mr. Bradford agreed, confirming that the Parks and Recreation Commission would lead the negotiations, but that board approval would be required. He acknowledged the need for parking solutions at Cherry Hill Nature Preserve, indicating potential areas for parking development to improve accessibility.
- Trustee Secrest noted the benefit of a new parking area alleviating on-road parking at Cherry Hill.
- Mr. Bradford mentioned plans for low-impact, permeable parking solutions to maintain environmental considerations.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE THE TRANSFER OF THE "ROCK" PROPERTY TO THE PARKS AND RECREATION COMMISSION AND ESTABLISHMENT OF A CONSERVATION EASEMENT

RESOLUTION NUMBER: 2024-40

DATE: JUNE 17, 2024

WHEREAS, the Charter Township of Superior Board of Trustees previously purchased 301 acres in the Township commonly known as the "Rock” property for $2.4 million; and

WHEREAS, the legal parcel numbers for the individual properties that make up the "Rock" property are J-10-20-200-002, J-10-20-200-003, J-10-20-300-001, J-10-29-200-001, J-10-29-200-006, and J-10-30-400-037; and

WHEREAS, the Charter Township of Superior Board of Trustees purchased the property with the intent of preserving the land, woods, and cropland for environmental conservation and public recreation; and

WHEREAS, the Charter Township of Superior Parks and Recreation Commission shares the Board of Trustees' vision of preserving precious green space for future generations; and

WHEREAS, the Charter Township of Superior Parks and Recreation Commission identifies preserving, improving, and protecting valuable natural resource green spaces as part of its Mission Statement; and

WHEREAS, one of the main goals of the 2023-2027 Charter Township of Superior Parks, Recreation, and Open Space Master Plan is to encourage the conservation and preservation of natural areas which includes the protection of natural corridor networks for human users, wildlife, and vegetation; and

WHEREAS, two Open Houses were held in preparation of the 2023-2027 Charter Township of Superior Parks, Recreation, & Open Space Master Plan in which 81% of participants identified preservation of natural resources as "very important"; and

WHEREAS, the Parks & Recreation Commission will work with a local land conservation entity to establish a conservation easement on the "Rock" property to ensure the property is maintained and protected in perpetuity by utilizing best practices; and

WHEREAS, the Parks & Recreation Commission, on May 28, 2024, passed Resolution 2024-02 recommending the "Rock" property be placed under its jurisdiction and to work towards establishing a conservation easement on the property.

NOW, THEREFORE, BE IT RESOLVED, that the Charter Township of Superior Board of Trustees places the 301 acres in the Township known as the "Rock" property, which is comprised of parcels number J-10-20-200-002, J-10-20-200-003, J-10-20-300-001, J-10-29-200-001, J-10-29-200-006, and J-10-30-400-037, under the jurisdiction of the Charter Township of Superior Parks & Recreation Commission, so that the Commission can work to establish a conservation easement on the property.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

Lynette Findley, Township Clerk

06/17/2024
Date Certified

The resolution carried by unanimous vote.

G. RESOLUTION 2024-41, APPROVE PROGRAMMING CONTRACT BETWEEN CHARTER TOWNSHIP OF SUPERIOR PARKS & RECREATION AND THE MIGHTY OAK PROJECT

The following resolution was moved by Trustee Secrest supported by Trustee Lindke.

- Juan Bradford, Parks and Recreation Director, explained that the contract presented is not new funding from ARPA funds. Last year, a single ARPA contract covered both the Youth Arts Alliance and the Mighty Oak Project (CLR) for kids' programming. There was $13,500.00 left at the end of the initial contract.
- Mr. Bradford approached both organizations to utilize the remaining funds for activities in Fireman's Park. The Youth Arts Alliance couldn't organize something in time, but CLR proposed a 10-week program similar to what they did at South Pointe Scholars, including local athletes, nutrition education, health, sports, fitness, and retaining school skills during the summer.
- Trustee McGill expressed support, noting her positive experience attending CLR's end-of-year event at South Pointe Scholars and the importance of these services for children.
- Supervisor Schwartz agreed but requested a written report at the end, as none had been received yet.
- Mr. Bradford confirmed that CLR has provided reports on previous programs, including pictures, contacts made, curriculum, and outcomes, and he would forward these to the Board.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

DRAFT

RESOLUTION TO APPROVE THE PROGRAMMING CONTRACT BETWEEN CHARTER TOWNSHIP OF SUPERIOR PARKS AND RECREATION AND THE MIGHTY OAK PROJECT (FOR CLR ACADEMY)

RESOLUTION NUMBER: 2024-41

DATE: JUNE 17, 2024

WHEREAS, the Charter Township of Superior Parks and Recreation ("ST") aims to provide quality recreational and wellness programming to the youth of the Charter Township of Superior; and

WHEREAS, The Mighty Oak Project ("TMOP") for CLR Academy, a non-profit organization with offices located at 3676 S. South St., Ann Arbor, MI, 48108, has proposed a contract to deliver a 10-week sports and wellness workshop series to youth in the Charter Township of Superior; and

WHEREAS, the contract outlines that TMOP will provide workshops every Saturday starting June 22, 2024, for 10 weeks, from 11:30 am to 1:00 pm, including snacks, beverages, documentation of the programming, and a post-program survey evaluation; and

WHEREAS, the compensation for the services rendered by TMOP will be a one-time payment of $10,000.00, payable upon submission of an invoice prior to the beginning of the programming; and

WHEREAS, TMOP will ensure that all personnel involved are intensively trained and background cleared, and comply with all applicable laws and regulations, including equal employment opportunities and non-discrimination policies; and

WHEREAS, the contract stipulates that TMOP and the Charter Township of Superior "ST" shall be deemed independent contractors, and TMOP shall maintain liability insurance for its activities in the amount of $1,000,000.00, naming ST as an additional insured; and

WHEREAS, the contract includes provisions for reporting, compliance with laws, hold harmless and indemnification, ownership of curriculum, and dispute resolution, among others.

NOW, THEREFORE, BE IT RESOLVED, that the Charter Township of Superior Board of Trustees hereby approves the Programming Contract between the Charter Township of Superior Parks and Recreation and The Mighty Oak Project (for CLR Academy) as outlined in the attached agreement and authorizes the appropriate township officials to execute the contract,

incurring a total cost of $10,000.00 to the Charter Township of Superior from the American Rescue Plan Act (ARPA) fund.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

Lynette Findley, Township Clerk

06/17/2024
Date Certified

Roll Call

Ayes: Treasurer Lewis
Trustee Lindke
Trustee Secrest
Trustee McGill
Supervisor Schwartz
Trustee Caviston
Clerk Findley

Nays: None.

The resolution carried by unanimous vote.

H. RESOLUTION 2024-42, APPROVE BID FOR STAMFORD RD. WATER MAIN REPLACEMENT

Claire Martin, OHM, explained the process to choose this contractor.

The following resolution was moved by Trustee Lindke supported by Treasurer Lewis.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE OHM PROPOSAL FOR ENGINEERING FOR THE STAMFORD ROAD WATER MAIN REPLACEMENT

DRAFT

RESOLUTION NUMBER: 2024-42

DATE: JUNE 17, 2024

WHEREAS, the Charter Township of Superior (the "Township") seeks to enhance its water distribution infrastructure for the benefit and welfare of its residents and businesses; and

WHEREAS, the Township Utilities Department solicited bids from two (2) bidders based on their prior experience with both contractors. The summary of bids received is listed below.

Contractor Name	**Bid Amount**
Inner City Contracting, LLC.	$599,038.20
AAA Underground & Grading	$644,425.00

WHEREAS, the project scope consists of installation of approximately 1,400 feet of new 12-inch water main and 200 feet of 8-inch water main via directional drill method. The project is located along Stamford Road between Norfolk Avenue and MacArthur Boulevard; and

WHEREAS, Inner City Contracting, LLC, located in Detroit, Michigan, is the apparent low bidder. Inner City Contracting has indicated that they are available to perform the work; and,

WHEREAS, OHM has reviewed the bid provided by Inner City Contracting and unit pricing provided appears consistent with current market conditions; and,

WHEREAS, although we have no direct experience with Inner City Contracting as a company, we understand from the Utilities Department that management level staff from this contractor are from a different contractor that we've worked with in the past and have had positive experiences. More input on this can be provided directly from the Utilities Department if desired.

NOW, THEREFORE, BE IT RESOLVED, the Charter Township of Superior Board of Trustees hereby approves the proposal submitted by OHM Advisors for the Stamford Road Water Main Replacement project and authorizes the allocation of funds not to exceed $599,038.20 for the completion of this project.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of

Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

Lynette Findley, Township Clerk

06/17/2024
Date Certified

Roll Call

Ayes: Treasurer Lewis
Trustee Lindke
Trustee Secrest
Trustee McGill
Supervisor Schwartz
Trustee Caviston
Clerk Findley

Nays: None.

The resolution carried by unanimous vote.

I. RESOLUTION 2024-43, APPROVE INCREASE OF ELECTION INSPECTOR SALARY

Clerk Findley explained the resolution.

The following resolution was moved by Treasurer Lewis supported by Trustee McGill.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO INCREASE THE SALARIES OF THE CHARTER TOWNSHIP OF SUPERIOR ELECTION INSPECTORS

RESOLUTION NUMBER: 2024-43

DATE: JUNE 17, 2024

WHEREAS, as required by law, the Clerk of the Charter Township of Superior is responsible for conducting elections; and,

WHEREAS, in order to properly conduct elections, it is essential to hire qualified and competent election inspectors; and,

WHEREAS, election inspectors in the Township are currently paid $14.00 per hour, co-chairs are paid $16.00 per hour, and chairpersons are paid $17.00 per hour; and,

WHEREAS, the Clerk has surveyed other communities in the area and determined the proposed salary increase is commensurate with what other communities are already paying their election inspectors; and,

WHEREAS, with the increase of absent voter ballots, the amount of Absent Voter Count Board (AVCB) inspectors has increased significantly; and,

WHEREAS, the work of election inspectors is crucial to maintaining the integrity, efficiency, and fairness of the election process, ensuring that all votes are accurately counted and that the democratic process is upheld; and,

NOW THEREFORE BE IT RESOLVED that the Charter Township of Superior Board of Trustees hereby approves increasing the salaries to $16.00 per hour for a precinct election inspector, $18.00 per hour for an AVCB inspector, $18.00 per hour for a co-chair, and $20.00 per hour for a chairperson, effective immediately.

CERTIFICATION STATEMENT

I, Lynette Findley, the duly qualified Clerk of the Charter Township of Superior, Washtenaw County, Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted at a regular meeting of the Charter Township of Superior Board held on June 17, 2024, and that public notices of said meeting were given pursuant to Act No. 267, Public Acts of Michigan, 1976, as amended.

Lynette Findley, Township Clerk

06/17/2024
Date Certified

The resolution carried by unanimous vote.

J. MOTION TO APPROVE INVOICE FROM MTA – DUES

Clerk Findley stressed that all of our staff should take advantage of the various training and development opportunities afforded through this program.

It was moved by Trustee McGill supported by Trustee Lindke to approve the invoice from MTA.

The motion carried by unanimous vote.

~~K. MOTION TO APPROVE AGREEMENT TRANSFER OF WASTE COLLECTION SERVICES TO PRIORITY WASTE~~

Item "K" is tabled to the Special Meeting.

L. DISCUSS PLYMOUTH RD. PATHWAY EXTENSION

- Trustee Lindke mentioned Mr. Eaton's email about his family walking down Plymouth Road and raised the safety concerns about extending the pathway. Claire Martin, OHM, was asked to provide a cost estimate for extending the pathway.
- Supervisor Schwartz emphasized that safety is the primary concern for obtaining grants from SEMCOG.
- Ms. Martin estimated roughly $400,000.00 for extending the pathway 0.4 miles but stressed the need for preliminary investigation for a more accurate cost and to apply for grants.
- Supervisor Schwartz suggested applying for the Connecting Communities Program for preliminary engineering funds, noting a previous success with the Cherry Hill Road pathway grant.
- Ms. Martin indicated the intent to apply for the Connecting Communities grant is due on July 15 and suggested it might score better in future years due to an existing open grant.
- Trustee Secrest inquired about reducing the speed limit through Dixboro for safety.
- Supervisor Schwartz explained the difficulty, involving state police, the WCRC, and township approval, and noted past efforts and challenges.
- Trustee McGill asked Claire Martin about the non-motorized trail extension from Arlington down to Ridge, emphasizing safety concerns for children walking to South Pointe Scholars.
- Supervisor Schwartz highlighted the need for the Board to prioritize projects, mentioning the potential complexity and cost of extending the pathway due to the need for a bridge over Fowler Creek and engineering challenges near water pump stations.

M. UPDATE FOR SIDEWALK REPAIR PROGRAM

Supervisor Schwartz dispersed a handout.

- Supervisor Schwartz discussed a bill sent to Mr. Dwayne Carter of $4,500.00 to replace his sidewalk. Mr. Morris, Contractor, following instructions from the office, completed the work. However, Mr. Carter passed away in February 2023 and never received the card. Since Mr. Carter was deceased, his estate had not been transferred, leaving the bill unpaid. Mr. Carter had previously received a poverty exemption and assistance from the University of Michigan Law School for taxes and Board of Review matters. The Board needs to decide whether to charge the estate, place the cost on taxes, or pay from the general fund.

DRAFT

- Trustee Lindke inquired about the heirs and the difference in the invoice amount if Mr. Carter qualified for the exemption.
- Supervisor Schwartz confirmed that if he qualified, the Township would have paid it. The discussion emphasized the need to verify Mr. Carter's exemption status. It was noted that he had a history of qualifying for exemptions and had previously appeared before the Board of Review.
- Clerk Findley expressed confusion about the issue, noting Mr. Carter's previous qualifications for property exemptions.
- Supervisor Schwartz clarified that the issue was Mr. Carter's lack of consent due to his death. He recommended that the Township cover the cost, given Mr. Carter's financial situation and past qualifications for assistance.

  It was moved by Trustee McGill supported by Trustee Lindke to pay the invoice for 1566 Harvest Lane in the amount of $4,500.00.

  The motion carried by unanimous vote.

- Clerk Findley asked for an update on the sidewalk repair program.
- Supervisor Schwartz explained that the program is moving forward, with letters being sent to residents who were not serviced last year to confirm if they still want the work done. If they do not respond, the work will proceed as scheduled.
- Clerk Findley inquired why the Deputy Supervisor was no longer handling this task.
- Supervisor Schwartz acknowledged that the Deputy Supervisor had not been handling the work for a few months and confirmed the current status of the program.
- Trustee McGill questioned who was doing the markings for the sidewalk repairs.
- Supervisor Schwartz clarified that OHM did the markings, and some of them were still visible.
- Trustee McGill noted that some markings were "faded", and additional markings were being added by Morris Concrete, causing frustration among residents.
- Supervisor Schwartz stated that OHM provided the list of addresses for the repairs.
- Trustee McGill asked for an update on what has been done versus what is pending.
- Supervisor Schwartz expressed difficulty in obtaining a comprehensive report on the completed work but promised to try to compile the data.
- Trustee Lindke suggested that the Board should request an inventory of all properties that were flagged for repairs and the status of those repairs.
- Supervisor Schwartz agreed to send all the information received from Irma Golden, Deputy Supervisor, to the Board.
- Ms. Golden explained that exemptions had been eliminated and that oversight is necessary to ensure the proper completion of the work. She highlighted that there had been issues with duplicate billings and incomplete work in the past.
- Supervisor Schwartz agreed to send all the information provided by Irma to the Board by email and to address the matter in the next meeting.

DRAFT

- Trustee McGill emphasized the need for the Board to work together to get the program up to date and ensure everyone is informed about its status.
- Supervisor Schwartz noted that any additional work, like adding stamps to sidewalks, should be approved in writing by the homeowner.
- Trustee Lindke asked about the handling of invoicing.
- Treasurer Lewis confirmed that the treasurer's department sends out all invoices.
- Ms. Golden reiterated the importance of protecting residents and ensuring transparency in the process.
- Clerk Findley mentioned a specific instance in Bromley Park where a stamp was added without approval.
- Supervisor Schwartz acknowledged the issue and confirmed it was addressed.

N. WASHTENAW COUNTY ROAD COMMISSION (WCRC) ROAD IMPROVEMENT AGREEMENT

- Supervisor Schwartz explained the agreement including Gale Road, township-wide limestone spreading, Berkshire milling and resurfacing, and work on Spring Hill and Tanglewood. The total cost for these projects is $382,000.00, with $126,552.00 coming from the WCRC, leaving the Township to pay $255,000.00.
- Trustee McGill expressed frustration that MacArthur and Clark Rd. were not being addressed, noting significant issues that residents face, such as a large divot on MacArthur that has caused flat tires and a potential sinkhole on Clark Rd. She emphasized the need for attention to these smaller, yet impactful, issues.
- Clerk Findley suggested the Board review funding allocation for road improvements over the past few years, highlighting those certain areas, particularly on the south side of Geddes, need more attention.
- Supervisor Schwartz responded that while larger projects are being tackled, smaller maintenance and operations fall under the WCRC's responsibility. He mentioned that a ticket had been submitted for the MacArthur issue, and the WCRC, along with the Drain Commission, would address it.
- Trustee Lindke shared that she had also reported the MacArthur issue through the WCRC's system and was told it would be fixed by September, noting that it has been a longstanding problem.
- Clerk Findley reiterated the importance of resurfacing roads in various parts of the Township and not just fixing individual issues.
- Supervisor Schwartz clarified that the worst paved roads in the Township, based on PACER ratings, are Spring Hill and Berkshire, which is why they were prioritized. He acknowledged the extensive cost required to fix all the roads and the limited budget available for these projects.
- Trustee McGill agreed with the prioritization but stressed the need to push the WCRC to prioritize smaller, critical issues.
- Supervisor Schwartz suggested attending the WCRC meetings to voice these concerns more effectively.

- Trustee Lindke mentioned a suggestion from a Pittsfield Township official to have the WCRC attend township meetings regularly to ensure better communication and accountability.
- Supervisor Schwartz acknowledged this and noted that WCRC attendance at township meetings had decreased with the new management but agreed that inviting them could be beneficial.

It was moved by Trustee McGill supported by Trustee Secrest to approve the 2024 Washtenaw County Road Commission (WCRC) road improvements agreement.

Roll Call

Ayes: Treasurer Lewis
Trustee Lindke
Trustee Secrest
Trustee McGill
Supervisor Schwartz
Trustee Caviston
Clerk Findley

Nays: None.

The motion carried by unanimous vote.

11. BILLS FOR PAYMENT AND RECORD OF DISBURSEMENTS

It was moved by Trustee Lindke supported by Trustee McGill, to receive bills for payment and record of disbursements.

The motion carried by unanimous vote.

12. PLEAS AND PETITIONS

- Trustee McGill was excited about the year-end celebration of the CLR program.
- Trustee McGill said she has heard from residents that Superior Day has become too political and expressed her concerns.
- Trustee Lindke spoke about the Audit and asked to verify that all ARPA funds are properly committed.
- Steph, ZOOM, spoke about her concerns with Green for Life (GFL).

DRAFT

13. ADJOURNMENT

It was moved by Trustee Lindke supported by Clerk Findley, that the meeting be adjourned. The motion carried and the meeting adjourned at 9:26 p.m.

Respectfully submitted,

Lynette Findley, Clerk

Kenneth Schwartz, Supervisor

DRAFT

Supervisor's Report June 17th, 2024

1. Washtenaw County Parks demand for compensation at the Clark Road pump station. I've included a communication from Ginny Leikam and Ian Reach setting forth their request for payment in the amount of $95,000.00 for damages and rent. I have passed this along to OHM for review and have asked Parks for a before and after bid to show how an 18 month delay could cost $75,000.00 in increased costs. I have requested a meeting at the site with Park personnel as I believe we have completed almost everything we promised. We do owe the rent and funds for a kiosk, but I await some true estimates to establish the increased costs.

2. Closing on the sale of the Village Green occurred on May 29th. We are now the owners of green. Lynette has the closing documents

3. Washtenaw County Road Commission has requested Superior Township to enter into an agreement to fund, in conjunction with Salem Township, a complete reconstruction of Joy Road from Gotfredson to Curtis. This would include the reconstruction of a small bridge and a large culvert, clearing the ditches and trees and topping and shaping the roadbed with 6 inches of gravel. The total costs to the township would be in the range of 500k to 600k. I told the WCRC that this project was not discussed with Superior township as it was apparently discussed with Salem township and therefore it was not budgeted for 2024. Besides it's a heavy lift at any time. I asked Salem Supervisor Gary Whittaker if he would consider financing the project and let Superior pay back over 3 or 4 years. He said no! Salem has over 35 million dollars in reserve, do not levy a local tax and derive all their revenue from the landfill and composting center on Napier and Six mile Road, so I do not see why they cannot assist when they are the ones pushing hard for the project.

   In addition, the ECRC has submitted an agreement for your review. I didn't receive it on time for inclusion in the Board Packet, so I will lay it on the table to be added at the meeting, as time is of the essence with road projects since the WCRC must schedule with the contractors and by this time we are already last.

4. Clay Hills. We have received an invoice from Margolis for fruit trees for Clay Hills. I think this invoice needs to be paid from the ARPA funds assigned to Clay Hills, not taxpayer money nor Hyundai tree fund. We have spent $70,000.00 so far out of the general fund on testing and land preparation for Clay Hills and the land is still not prepared for planting.

   I recently found out that Clay Hills will need to connect to the public water system due to the pollution on the site. Trustee Willy Secrest told me that Cribley Well quoted around $70,000.00 to dig a well. The high cost is due to protective health measures required to be installed due to the pollution on site.

Before fruit trees are planted there should be soil testing as there is a wide variety of fruit trees being requested with differing soil requirements. Some of the fruit trees ordered will not survive in the current soil. Additionally, the ph. levels have not been determined so it's almost a certainty that any tree or plant unsuited to the soil will die. There couldn't be a worse time to plant fruit trees as they will not tolerate the summer heat without watering every other day. There's no water on site. There's no driveway permit from the WCRC for permanent access to the Harris Road lot. It's been over a year and we don't have a preliminary site plan. The zoning ordinance prohibits this kind of activity without some sort of planning. We can be lenient, but we need a real plan. Otherwise, we cannot issue even a temporary c/o so activities can commence. For example, the raised beds installed without a permit are in the line where a walking path would be extended in the future and the beds would need to be relocated. That's a waste of time and money and had no authority to do even that. There needs to be a sit-down to figure out how this project can move forward.

I was told by Juan that there are not enough volunteers right now to help clean the land of roots and stones, so is this really a going concern nonprofit? Are we expected to do everything. Tilling the land is not feasible until the roots and obstructions are cleared, which could be easily accomplished with a few volunteers using shovels, rakes and pickaxes. If there's a lack of volunteers now, what does the future hold?

I also called the USDA to enquire about the grant supposedly lost because of something the township did or did not do. The farm is registered but no one has ever applied for any grants nor does USDA do any inspections of these kinds as TC stated. So, there's a question of credibility. The Board got way ahead of itself with this project, without any due diligence or discovery. It's time to rein it in.

I insist that any trees purchased should come out of his ARPA award. If the trees die...which is very likely, Superior Township taxpayers should not be holding the bag.

5. Julia Hoving has requested the township to pay her $6,850.00 to restore her front yard. I've included an estimate and will ask Fred to investigate this as we had a settlement with her last year. I believe once the actual cost is determined, we should pay the bill.

6. GFL. Superior Township was informed on June 4, 2024, that GFL was selling to Priority Waste. I've included a copy of the letter. I have no further information today. Paul Ruthenberg from Priority Waste will be present at the meeting to answer questions. The contract cannot be assigned without our consent, which cannot be unreasonably withheld.

7. MacArthur Road Path. The MacArthur Road path is almost complete. There is a tiny triangular piece of concrete that needs to be replaced and then the project is complete. I've added some pictures. Once complete we will notify County OCED and will have the outstanding CBDG balance assigned to pay down on the final bill. We are responsible for the amount over the federal funds. That shouldn't be too much.

8. The Dixboro Project has removed the grass in front of the Plymouth Road house used for parking and replaced it with gravel. Hopefully that will calm th complaints.

9. On Wednesday the 12th I attended a violent crime in eastern Washtenaw meeting. Fortunately, Superior Township had only one mention out of the numerous violent crimes committed in eastern Washtenaw County since the first of the year including four murders committed in one week in May. The Superior incident was shooting into a mobile home at the Arbor Woods Community. One was injured in that incident. No new efforts were presented at the meeting, but Sheriff Jerry Clayton wanted to get ahead of the issue.

10. The bathroom for the Township Parks employee is complete and I've included a photograph.

INVOICE

Sidewalk Repairs

DATE: March 20, 2024

Duane Carter
1566 Harvest Lane
Ypsilanti, MI 48198

	This is the invoice for the work completed by the township per the signed postcard you returned. Sidewalk Service Provided: 15, 4-in **Due date: May 31, 2024**		$4500.00
		TOTAL DUE	**$4500.00**

Please make all checks payable to: Superior Charter Township, 3040 North Prospect Rd. Ypsilanti, MI 49198
If you have any questions concerning this invoice, call: **Ken Schwartz** at (734) 482-6099.

2024 SUPERIOR TOWNSHIP AGREEMENT

THIS AGREEMENT, made and entered into this _____ day of _____, 2024, by and between the Township Board of Superior Township ("Superior Township"), Washtenaw County, and the Board of Washtenaw County Road Commissioners ("WCRC").

WHEREAS, Superior Township desires that certain improvements be made upon the local roads in the Township of Superior, and

WHEREAS, proper authority is provided to the parties of the agreement under the provisions in Act 51 of Public Acts of 1951 as amended,

IT IS NOW THEREFORE AGREED, the WCRC will accomplish the improvements as specified herein, all in accordance with the standards of the Board of Washtenaw County Road Commissioners,

IT IS FURTHER AGREED, Superior Township shall pay WCRC for the actual project costs incurred for the project; and

IT IS FURTHER AGREED, the WCRC will submit an invoice to the Township on July 1, 2024, for 50% of the estimated project costs. Following project completion and final accounting of the project costs, WCRC will submit the final invoice for the actual remaining unpaid costs. The final invoice shall provide supporting detail and information, which reasonably identifies the actual project costs incurred by WCRC. The Township described herein agrees to remit payment within 30 days from receipt of WCRC invoices.

Gale Road, Geddes Road to Vreeland Road

Work to include drainage improvements, forestry, heavy brushing, shaping the existing surface, and the application of 4" of 23A Limestone (C.I.P.) (approximately 1,750 tons) with associated dust control and project restoration.

Estimated total project cost: $ 114,000.00

Township-Wide Limestone

Work to include shaping the existing surface and the application of 4" of 23A Limestone (C.I.P.) (approximately 2,000 tons) with associated dust control and project restoration.

Estimated project cost: $ 52,000.00

Berkshire Drive, Prospect Road to Sheffield Drive

Work to include milling the existing pavement, the placement of 2" HMA resurfacing, structure adjustments, ADA sidewalk ramp upgrades, and associated project restoration.

Estimated project cost: $ 140,000.00

Spring Hill Drive, Tanglewood Drive to Creekside Drive

Work to include milling the existing pavement, the placement of 2" HMA resurfacing, and associated project restoration.

Estimated project cost: $ 76,000.00

AGREEMENT SUMMARY

2024 LOCAL ROAD PROGRAM		
Gale Road, Geddes Road to Vreeland Road	$	114,000.00
Township-Wide Limestone	$	52,000.00
Berkshire Drive, Prospect Road to Sheffield Drive	$	140,000.00
Spring Hill Drive, Tanglewood Drive to Creekside Drive	$	76,000.00
Subtotal	$	382,000.00
Less WCRC 2024 Local Matching Funds	$	126,552.18
ESTIMATED AMOUNT TO BE PAID BY SUPERIOR TOWNSHIP UNDER THIS AGREEMENT DURING 2024:	$	255,447.82

SUPERIOR TOWNSHIP:

Ken Schwartz, Supervisor

Lynette Findley, Clerk

WASHTENAW COUNTY ROAD COMMISSION:

Barbara Ryan Fuller, Chair

Matthew MacDonell, Managing Director

1. CALL TO ORDER

The special meeting of the Charter Township of Superior Board was called to order by the Supervisor Ken Schwartz at 6:00 p.m. on June 26, 2024, at the Superior Charter Township Hall, 3040 North Prospect, Superior Charter Township, Michigan.

2. PLEDGE OF ALLEGIANCE

Supervisor Schwartz led the assembly in the pledge of allegiance to the flag.

3. ROLL CALL

The members present were Supervisor Ken Schwartz, Clerk Lynette Findley, Treasurer Lisa Lewis, Trustee Bernice Lindke, Trustee Rhonda McGill, and Trustee Bill Secrest.

Absent: Nancy Caviston

4. ADOPTION OF AGENDA

It was moved by Trustee McGill supported by Treasurer Lewis to adopt the agenda.

The motion carried by unanimous vote.

5. CITIZEN PARTICIPATION

A. CITIZEN COMMENTS

- Mark Mayer, Tanglewood Dr., raised concerns about the waste collection services.
- Jan Piert, Anns Way Dr, raised concerns about the Audit.
- Ramona Parker-Hayden, Stamford Rd., raised concerns about the Audit.
- Lynne Rose, Sheffield Dr., spoke about an alleged Township “hack” and raised concerns about the treatment of Treasurer Lewis.
- Trustee McGill said, as a point of clarity, that there was never a “hack” to the computer systems.
- Steph, Zoom, asked to hear from Morris Concrete concerning alleged complaints and why the Township is paying for Morris’s materials.
- Darryl Morris, Morris Concrete, explained that any questions regarding the concrete work done by Morris Concrete should be directed to the authorities who approved it. He mentioned that the company had received recent complaints about their work, specifically about the concrete stamps used to identify their work, a common practice in the industry. Additionally, he offered to pay for any disputed supplies if needed.

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- Supervisor Schwartz asked if there were any other questions for Mr. Morris, claiming that there had been very few complaints about the quality of work from Morris Concrete. He added that Morris's work has been "outstanding."
- Clerk Findley advised caution in public statements regarding Morris Concrete.
- Trustee Lindke shared that she had received some complaints about the work and the concrete stamps. She personally investigated the concerns and observed some dissatisfaction but noted that most of the work looked good.
- Mr. Morris reiterated that their work in Charter Township of Superior had been going well for the past three years and expressed confusion about the sudden increase in complaints over the last six months.
- Trustee Lindke clarified that complaints had been ongoing for a couple of years, not just the last six months.
- Deputy Supervisor Irma Golden detailed specific complaints from residents. She mentioned Bridget Burrell, who reported a sprinkler system issue and alleged that Morris Concrete was not responding to her husband's follow-ups. She highlighted a problem at 1754 Sheffield Drive, where residents wanted the stamped flags replaced, not sanded down. Jennifer Hawes on Andover had filed a police report alleging she felt threatened by Morris Concrete regarding payment for an apron replacement. Golden also mentioned a $20,000.00 overcharge she discovered and instances where work was billed but not completed. She emphasized that her concerns have always been resident-focused and noted instances where residents complained about premature markings and high-pressure tactics.
- Supervisor Schwartz offered Morris the opportunity to respond to these allegations.
- Mr. Morris requested documentation of the complaints to address and rectify any issues. He explained their process of marking and re-marking slabs for repair, stating that their markings were necessary for their employees to know which slabs to replace. He denied any attempt to force unnecessary work on residents and stressed that all their work was conducted with integrity. Morris expressed confusion about claims that residents were instructed not to let Morris Concrete return to certain streets and reiterated his willingness to address any documented issues.
- Dana Greene, Stamford Rd., asked for everyone to remain cordial and professional in the engagement of business.
- Deanna Hair, Tanglewood Dr., asked for everyone to identify themselves when talking.

6. PRESENTATIONS AND PUBLIC HEARINGS

A. KEN PALKA, AUDITOR, FINANCIAL STATEMENT AUDIT & REPRESENTATION LETTERS FOR YEAR-END DECEMBER 31, 2023

- Ken Palka, the Township Auditor, opened by thanking everyone for attending and acknowledged the effort by Nancy Mason, Township Bookkeeper, and Keith Lockie, Township Controller, in preparing the records for the audit. He introduced the topic of the management letter, explaining the material weaknesses identified in the audit. Palka highlighted the complexity of financial statement preparation and noted that most

municipalities of the Charter Township of Superior's size share this material weakness, as they do not employ someone capable of independently preparing these statements.

- Supervisor Schwartz asked if most townships of their size have the material weakness described in their audit.
- Ken Palka confirmed this, stating that only a few townships hire someone to write financial statements and have them ready for the audit.
- Trustee Lindke asked if Palka could share which townships do have someone.
- Ken Palka explained that it would be like a controller and mentioned that one township close to Superior has controllers from the Woodhill group.
- Ken Palka moved on to the other matters in the report, asking if there were any more questions about the material weakness.
- Trustee Lindke asked if the material weakness cited was the only one.
- Ken Palka confirmed it was. He also mentioned that they allow for a response from the Township, which the state approves. He noted that the Township has typically acknowledged the material weakness but decided against hiring someone due to costs.
- Trustee Lindke suggested they might reconsider this.
- Ken Palka agreed, stating it is up to the Board. He then moved on to other matters, starting with designated fund balances. He recommended making this part of the budget approval process to ensure transparency and planning.
- Trustee Lindke confirmed this would be the controller's responsibility during budget discussions.
- Ken Palka agreed, stating it is about what the Board instructs the Controller and accountant to include in the budget.
- Ken Palka then addressed the improper escrow disbursement, noting it was brought to his attention by both Trustee Lindke and Treasurer Lewis. He emphasized the importance of internal controls and oversight by all involved parties, including the zoning administrator, Treasurer, and Clerk.
- Clerk Findley interjected, expressing her offense at being held accountable for just signing a check, especially since she brought the issue to the Board's attention. She emphasized the need to trust responsible persons without going behind their back.
- Ken Palka reiterated the importance of internal controls and inquiring about large disbursements to ensure accuracy and legitimacy.
- Clerk Findley pointed out that the issue occurred under the previous treasurer's (Brenda McKinney) watch and that she was offended by the inclusion of her office in the audit report's criticism.
- Trustee Lindke expressed concerns about the audit's findings, noting that many staff members believed the treasurer's office managed escrow accounts, as stated in township policies and communicated by various officials. She recommended revisiting the audit to include additional documents and perspectives.
- Ken Palka acknowledged Trustee Lindke’s points but stated that the general understanding at the time was that the planning and zoning administrator handled these responsibilities, and everyone trusted her judgment.

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- Treasurer Lewis confirmed that the treasurer's office logs escrow money into a spreadsheet and maintains a running total.
- Trustee Lindke noted that had someone checked the spreadsheet, they would have seen the discrepancy.
- Treasurer Lewis agreed, stating that the process involves logging the money and ensuring it goes into the correct account.
- Trustee Lindke highlighted the need for better communication and oversight to prevent such issues in the future.
- Ken Palka suggested the Township include these points in their response to the audit.
- Clerk Findley emphasized her dissatisfaction with being included in the audit report's criticism and noted the ongoing issues she has raised over the years. She insisted that her office performs its duties well and has consistently dealt with numerous issues that should have been addressed in previous audit reports which the auditor gave her the complaint form to complete.
- Ken Palka encouraged her to include these concerns in the Township's response to the state.
- Ken Palka then moved on to discussing the numbers in the audit report, highlighting the Township's overall positive financial position, with surpluses in various funds and healthy fund balances.
- Trustee Lindke asked about specific details, such as future budget deficits and the custodial credit risk mentioned in the audit.
- Ken Palka explained that future budget deficits would be covered by the fund balance and acknowledged the importance of addressing custodial credit risk.
- Trustee Lindke expressed a desire to hold back on the escrow audit while supporting the rest of the report.

  It was moved by Supervisor Schwartz supported by Clerk Findley to approve the report subject to Ken Palka checking on the escrow (Ken Palka will verify if partial submissions are accepted), along with any objection letters or response letters.

  The motion carried by unanimous vote.

B. MOTION TO APPROVE AGREEMENT TRANSFER OF WASTE COLLECTION SERVICES TO PRIORITY WASTE

- Paul Ruthenberg from Priority Waste began by introducing himself and explaining the recent acquisition by Priority Waste of all municipalities that GFL currently hauls in this part of the state, totaling seventy-three municipalities. He mentioned that Priority Waste would be taking control of over five hundred pieces of equipment. He then proceeded with a presentation to provide more information.
- Mr. Ruthenburg highlighted various aspects of Priority Waste, including their advanced technology such as trucks equipped with multiple outward-facing cameras, GPS live routing software, and a Lead Driver Coordinator (LDC) program. He emphasized the importance of these technologies in enhancing service efficiency and safety. He also mentioned their

customer service capabilities, with a focus on quick response times and effective complaint resolution.

- Supervisor Schwartz expressed concerns about previous service issues with GFL and sought assurances that Priority Waste would perform better.
- Mr. Ruthenburg assured him that Priority Waste is not GFL and emphasized their commitment to service excellence. He offered to provide references from other communities they serve and explained how their technology helps ensure timely and efficient service.
- Clerk Findley asked about the duration of Mr. Ruthenburg 's tenure and the specifics of their camera systems, customer service representatives, and how they handle waste spillage.
- Mr. Ruthenburg confirmed that he had been with Priority Waste since January 2021 and has over 38 years of experience in the waste management industry. He explained that their cameras could indeed detect waste spillage and that their customer service representatives are local and not outsourced.
- Trustee Lindke inquired about the specifics of their trucks and their plans for communication with the community regarding the transition.
- Mr. Ruthenburg explained the types of trucks they use and their intention to start service on Monday, pending the assignment of the contract. He also noted that GFL's equipment would be used initially.
- Trustee Lindke also raised concerns about Google's reviews of Priority Waste, highlighting some negative feedback.
- Mr. Ruthenburg responded by emphasizing that they prioritize resolving complaints quickly and encouraged contacting their customer service for any issues.
- Clerk Findley praised Priority Waste for their service in Redwood, noting positive feedback from residents.
- Trustee McGill expressed concerns about the communication plan for the community and asked about the possibility of renegotiating the contract if service issues arise.
- Mr. Ruthenburg mentioned that communication had been restricted due to the deal not being closed yet, but he would send over necessary information the next morning. He also clarified that any renegotiation decisions would be made by their CEO, Todd Stamper.
- Attorney Fred Lucas suggested a provisional assignment of the contract to allow the Township to review Priority Waste's performance over a few months. Mr. Ruthenburg noted that he could not negotiate this term but would relay the request to their CEO.
- Trustee McGill expressed agreement with Fred Lucas' suggestion, emphasizing the importance of immediate action to ensure continued waste collection services.
- Clerk Findley agreed and stressed the need to address the issue immediately to avoid any interruption in service.
- Trustee Lindke requested clarification and suggested that the motion could be amended to include Fred Lucas' proposal.
- Attorney Fred Lucas confirmed his willingness to reach out to the CEO of Priority Waste to discuss the proposed provisional period and any potential future negotiations. He assured the Board that he would follow up and provide updates on the discussions.

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It was moved by Trustee Lindke supported by Clerk Findley to accept the agreement with a friendly amendment, submitted by Trustee McGill, requesting that they approve the reassignment to Priority Waste as currently stated, with the additional request for Attorney Fred Lucas to contact the CEO of Priority Waste to discuss future contract terms and potential renegotiation.

The motion carried by unanimous vote.

C. MOTION TO APPROVE PROPOSAL FOR EMERGENCY REPAIR TO OUT OF SERVICE FIRE TRUCK

It was moved by Clerk Findley supported by Trustee McGill to approve proposal for emergency repair to out of service fire truck.

- Fire Chief Vic Chevrette explained the need for preventive maintenance and pump testing on their fire apparatus to meet ISO requirements. He discussed the 2012 KME Class A pumper, which has over 100,000 miles and recently failed an inspection at Williams, Detroit Diesel in Toledo. The estimate for the needed repairs is $16,597.55, and the truck is currently out of service until these repairs are completed.
- Supervisor Schwartz asked for clarification on whether the vehicle in question was the pumper or the tanker and expressed concern that residents on dirt roads without hydrants would be unable to receive fire services.
- Fire Chief Vic Chevrette confirmed that it was the Class A pumper and explained that they use the pumper for medical calls, car crashes, and structure fires, while the 2007 tanker, with 80,000 miles, is used for other calls.
- Treasurer Lewis asked if this was the first time the vehicle had required major service beyond regular maintenance.
- Fire Chief Vic Chevrette confirmed that it was the first major service for this vehicle.
- Trustee McGill asked how long it would take to have the vehicle back in service.
- Fire Chief Vic Chevrette estimated it would take about a week, as the parts are already available and just need to be assembled once the repair is approved.

The motion carried by unanimous vote.

D. DISCUSS CAMPAIGNING PROCEDURES

- Clerk Findley began by addressing the Board with copies in front of them regarding signage and other considerations for people posting signs. She emphasized that these guidelines would be in the Board packet and online, outlining legal and best practices. According to Ordinance Number 189, Section 2, it's unlawful to solicit, peddle, or canvass on private property if the owner has placed a no soliciting sign. She also highlighted federal guidelines that protect homeowners' rights to exclude canvassers if a property has no soliciting or no trespassing signs. Unauthorized signs, including campaign signs, cannot be placed in public rights-of-way or attached to Washtenaw Community Road Commission (WCRC) property.

- Clerk Findley further explained Michigan law prohibits placing unauthorized signs on roadsides, stressing that signs should be on private property and not in the public right-of-way. She mentioned the right-of-way width varies, generally being sixty-six feet wide but can be more than 120 feet. She observed numerous signs from the majority of candidates illegally placed and warned that the WCRC would start removing them if not relocated.
- Supervisor Schwartz mentioned that he had spoken to the WCRC.
- Clerk Findley interjected that she spoke with the WCRC two days prior.
- Supervisor Schwartz continued, noting Mike Masty, the Foreman, had never seen so many signs for the same candidate at the same corner. Supervisor Schwartz stated that the WCRC would start removing the signs next week if they were not taken down.
- Clerk Findley reiterated that signs must be placed correctly, not leaning against anything, and emphasized the need for homeowners' permission if placed between the curb and sidewalk in front of a house. She also pointed out the issue of unauthorized materials being placed inside mailboxes, which is illegal.
- Supervisor Schwartz added that the WCRC will not pick up signs placed between the curb and sidewalk in front of a house if the homeowner has given permission.
- Clerk Findley emphasized the importance of following these rules for fairness in campaigning and mentioned that it's essential not to make unsolicited comments to people about who to vote for while acting as township officials.
- Supervisor Schwartz agreed, noting that the abundance of signs makes the Township look cluttered and that most signs are concentrated on the south side of Geddes Road.
- Trustee Lindke brought up the issue of an official advising people at the counter on who to vote for, which prompted discussions about clarifying rules.
- Trustee Lindke mentioned that according to their attorney Fred Lucas, and the Michigan Townships Association (MTA), the Board can make a motion to prohibit employees and officials from advising residents on who to vote for during work hours.
- Trustee McGill agreed, emphasizing the need for clarity.
- Supervisor Schwartz agreed that clarity is important but suggested bringing it up at the July meeting.
- Trustee Lindke insisted on immediate action.

It was moved by Trustee Lindke supported by Clerk Findley that anyone employed by or acting in any official capacity as a representative of Superior Charter Township during business hours and on work premises is prohibited from advising, instructing, encouraging or assisting any residents of the Township on who to vote for in any elections.

The motion carried by unanimous vote.

7. PLEAS AND PETITIONS

- Deanna Hair, Tanglewood Dr., raised concerns about GFL's (Green for Life) last billing and said she is appalled that most funds are "undesignated."
- Supervisor Schwartz said that all automatic debits to GFL should be ended.

- Jan Piert, Anns Way Dr., said, on behalf of Priority Waste, that payments made to GFL will be honored by Priority Waste.
- Ramona Parker-Hayden, Stamford Rd., raised concerns about the Audit.

  Candidates for office that were present asked clarifying questions about campaign signage that was discussed earlier in the meeting.

- Samuel Hayes, Durham Dr., encouraged the Board to consider ways to help the "unhoused" community.
- Darryl Morris, Morris Concrete, asked for issues and concerns that are raised against him to be forwarded to him, so he has the opportunity to fix it.
- Clerk Findley added that because Mr. Morris was willing to pay an outstanding bill with Cougar Sales that she would forward it to him.
- JB, Zoom, raised concerns about GFL's last billing.

8. ADJOURNMENT

It was moved by Clerk Findley supported by Treasurer Lewis that the meeting be adjourned. The motion carried and the meeting adjourned at 8:48 p.m.

Respectfully submitted,

Lynette Findley, Clerk

Kenneth Schwartz, Supervisor

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PFEFFER ▪ HANNIFORD ▪ PALKA
Certified Public Accountants

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June 4, 2024

Charter Township of Superior
Honorable Board of Trustees
3040 North Prospect
Ypsilanti, MI 48198

Dear Honorable Board of Trustees:

In planning and performing our audit of the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Charter Township of Superior as of and for the year ended December 31, 2023, in accordance with auditing standards generally accepted in the United States of America, we considered the Charter Township of Superior's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Charter Township of Superior's internal control. Accordingly, we do not express an opinion on the effectiveness of the Charter Township of Superior's internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be significant deficiencies or material weaknesses and therefore there can be no assurance that all such deficiencies have been identified. However, as discussed below, we identified deficiencies in internal control that we consider to be material weaknesses.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency or combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented or detected and corrected on a timely basis. We consider the following deficiency in the Charter Township of Superior's internal control to be a material weakness:

Establish Control Over the Financial Reporting Process - Management is responsible for establishing and maintaining internal controls, including monitoring, and for the fair presentation in the financial statements of financial position, results of operations, and cash flows, including the notes to financial statements, in conformity with U.S. generally accepted accounting principles.

At times, management may choose to outsource certain accounting functions due to cost or training considerations. Such accounting functions and service providers must be governed by the control policies and procedures of the Company. Management is as responsible for outsourced functions performed by a service provider as it would be if your personnel performed such functions. Specifically, management is responsible for management decisions and functions for designating an individual with suitable skill knowledge, or experience to oversee any outsourced services; and for evaluating the adequacy and results of those services and accepting responsibility for them.

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As part of the audit, management requested us to prepare a draft of your financial statements, including the related notes to financial statements. Management reviewed, approved, and accepted responsibility for those financial statements prior to their issuance; however, management did not have the accounting expertise to perform a detailed review of the financial statements. The absence of this control procedure is considered a material weakness because the potential exists that a material misstatement of the financial statements could occur and not be prevented or detected by the Township's internal control.

The existence of significant deficiencies or material weaknesses may already be known to management and may represent a conscious decision by management or those charged with governance to accept that degree of risk because of cost or other considerations. Management is responsible for making decisions concerning costs and the related benefits. We are responsible to communicate significant deficiencies and material weaknesses in accordance with professional standards regardless of management's decisions.

Response by Management - Management believes the benefit of hiring additional personnel with the qualified experience to draft the financial statements does not outweigh the costs. Management has decided to maintain the current practice of requesting the auditing firm to draft the financial statements. Management has read, reviewed, understands and takes responsibility of the Financial Statements.

OTHER MATTERS

We came across or were informed by Management, Township Board Members, and (or)staff of other matters which we feel should be reported and (or)discussed with you:

1. **Designated Fund Balances**

We noted over the past several years the Township Board has not had much discussion and (or) review of the Township's designated fund balances. We recommend the Township Board include as part of its annual budget approval process a review of the designated fund balances, making adjustments if needed.

2. **Improper Escrow Disbursement**

It was brought to our attention by a Board Member and Management of an improper payment made out of the Township's Escrow Fund for $100,000 in April of 2022 to the wrong entity. The error was caught in 2023. There is an attachment which explains in detail what transpired.

We noted there was no in-depth review, prior to payment, of who rightfully owned the money in the related escrow accounts. A detailed review should have been conducted by the requestor of the funds, (Planning and Zoning Administrator), another review or at least inquiries should have been made by the treasurer (wrote the check), and the signers of the check (deputy treasurer and clerk). It was obvious that the treasurer, deputy treasurer, and clerk were all depending on the Planning and Zoning Administrator.

We suggest an Escrow Policy be developed and added to the Township's Fiscal Policies in order to stop things like this from happening in the future (when we inquired if an escrow policy existed, we were told, "yes", however, a written policy could not be found). The policy should include written procedures where the accountant reconciles the general ledger escrow fund, (individual accounts in the escrow fund) to a report maintained by the person responsible (Planning & Zoning Administrator) for communicating with the developers, builders, others depositing monies into escrow accounts. All agreements between and with developers (especially when developments are being purchased & sold) should be kept on file at the Township as documentation for receipting and disbursing funds from escrow accounts.

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We also suggest a check list be compiled and signed off by each individual included as part of the transaction (Planning & Zoning Administrator, individual drawing up the check, signers of the check, and controller). The checklist should list each procedure completed in verifying the amount, payee, and escrow account(s).

3. Fraudulent ACH Transfer

It was brought to our attention by the Treasurer, a transfer was made to a fraudulent payee in the amount of $8,850 in September 2023. Evidently, the Treasurer received an email from who she believed to be the clerk of the Township requesting an ACH payment be made to an entity for $8,850 for election equipment. No invoice or documentation was obtained prior to making the payment. The payee was fraudulent.

The Township was able to re-coup $6,350 from the insurance company ($8,850 - $2,500 deductible). The Treasurer contacted the bank, IT Company, Law Enforcement (Washtenaw County Sheriff's Office) and Auditors.

In the future, we suggest whenever something like this occurs, communication between Board Members take place as well as adhering to the Township's adopted policies. Under 3-Fiscal Policies, Purchasing Policy, paragraph 2.3 states, "…if purchases are within the approved budget, do not exceed $3,000 and are not an unusual acquisition, they may be approved by the appropriate department head, Township Supervisor, Clerk, or Treasurer and do not require approval by the full Township Board." Since this purchase was over $3,000, paragraph 2.6 states "In the event of emergencies…the supervisor may make or authorize an expenditure exceeding $3,000, after receiving consent of one other member of the Board of Trustees. In the event the Supervisor is not available, the Clerk or Treasurer may authorize such an emergency expenditure exceeding $3,000, after receiving the consent of at least one other member of the Board of Trustees…" Since one could argue, this was not an emergency expenditure, and not a recurring expenditure, the whole Township Board should have approved the disbursement.

4. Adopted Policies of The Superior Township Board of Trustees

The Township has adopted policies which include fiscal policies. The last time these policies were updated was July 1, 2015. We recommend a committee be put together to review the adopted policies and make updates in order to better suit the current Board of Trustees. We noted many of the adopted policies are not being followed as currently written. We also believe based on conversations with Township Board Members, copies of the Adopted Policies have never been distributed to Board Members. Thus, we suggest that procedures be established which would require all current and future Township Board Members receive a copy of the Adopted Policies.

CONCLUSION

Thank you for your assistance and hospitality toward our firm while conducting the audit of the Charter Township of Superior.

If you should have any questions, comments or concerns please do not hesitate to call us.

This report is intended solely for the information and use of the Board of Trustees and management of the Charter Township of Superior and is not intended to be and should not be used by anyone other than the specified parties.

Pfeffer, Hanniford & Palka, P.C.

PFEFFER, HANNIFORD & PALKA
Certified Public Accountants

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June 4, 2024

Charter Township of Superior
Board of Trustees
3040 North Prospect
Ypsilanti, Michigan 48198

Dear Honorable Board of Trustees:

As you have requested, we spent time during the 2023 audit fieldwork of The Charter Township of Superior reviewing in detail the facts and circumstances related to a check written against the escrow, Woodside development in the amount of $100,000. The check was written in 2022 to the wrong entity. The error was caught in 2023. The check was meant to be a refund of escrow monies held by the Township in order to assure Township residents that the developer would complete all requirements of the development agreement properly.

We reviewed the following documents to gain an understanding of what transpired which led to the event.

1. Superior Charter Township Development Agreement Brookside Site Condominium Phase III dated 10/01/2001. The agreement is between The Township of Superior and Rex and Linda Lanyi, developer.
2. Letter from Lombardo Homes (purchased Brookside Phase 3 from Centex Homes) to the Planning Administrator dated February 9, 2009, explaining Lombardo Homes is giving check for $34,630 to Charter Township of Superior to replace the escrow monies deposited by Centex Homes in same amount. The escrow is for Brookside Phase 3, repair of public utilities, if any should be required.
3. Correspondence from JP Morgan Chase Bank, N.A., Global Trade Services to Charter Township of Superior dated 5/10/2013; The correspondence is an irrevocable standby letter of credit in the Township's favor in the amount of $140,000 from the applicant, S.E. Michigan Land Holding, LLC.
4. Email from Clerk Charter Township of Superior to Jack Nelson dated 1/7/16 showing escrows the Township is holding for Woodside ($140,000 combined surety) and Brookside ($10,000 for street trees and $34,630 for repair of utilities).

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5. Letter dated 2/5/16 from Clerk of Charter Township of Superior to DEI Properties, Group that's selling developments of Brookside and Woodside to another development/building group. The letter mentions the escrows at hand, which are 1)Brookside Street Tree, $10,000 cash posted by Lombardo Diverse Real Estate; 2)Brookside Repair of Utilities, $34,630 bond posted by S.E. Michigan Development, LLC; 3)Woodside Umbrella Surety, $140,000 posted by S.E. Michigan Land Holding, LLC. Clerk explains monies will be returned to DEI Properties once the buyer of the properties has made payment of acceptable replacement sureties.
6. Letter dated 2/19/2016 from Treasurer of Charter Township of Superior to DG Residential Sales, LLC noting receipt of a wire transfer credit on 2/18/16 for the $140,000 cash bond for Woodside.
7. Assignment of Successor Owner Rights, In and To Cash Bond Held With Superior Township Dated 11/3/2016; For valuable consideration, the receipt and sufficiency of which are acknowledged, the assignor, DG Residential Sales, LLC hereby assigns to "Equity Trust Company Custodian For Benefit of Robert Mctavish" Assignee, all of assignor's right, title and interest in and to the cash bond held with Superior Township in the amount of $41,200 for the benefit and security for the completion of residential homes on the property described in exhibit "A" (description of Brookside of Superior Township).
8. Memo dated 2/13/18 from the Building /Zoning Official to Treasurer and Accountant explaining his understanding of the history of the escrow account related to DG Residential Homes (Brookside Phase 3 Lots and Woodside Village Development).
9. Memorandum of Understanding (Woodside Village Development, Superior Township, Michigan) between Charter Township of Superior and Infinity Acquisitions, LLC dated November 11/09/2018.
10. Email from Jack Nelson to Treasurer of Charter Township of Superior dated 4/19/2019 explaining he represents DG Residential Sales, LLC who placed cash funds as a performance bond about 3 years ago when DG purchased lots in Woodside Village. He goes on to explain DG subsequently sold lots to Infinity Homes, **but** DG kept ownership of the performance bond. He requests partial release of the bond as Infinity Homes completes the build out of Woodside Village.
11. Memorandum from Planning & Zoning Administrator to Treasurer dated 5/23/22 requesting refund for a cash bond to Infinity Homes.
12. Copy of the cancelled check written to Infinity Homes on 5/24/22 for $100,000 signed by Deputy Treasurer and Clerk.
13. Correspondence – request by Asset Management Consultants of $184,630 dated 9/26/23 from Superior Township, Attn: Laura Bennett. Asset Management Consultants is requesting on behalf of: The DG Group/DG Residential Sales LLC/Maplewood Estates and Affiliated Entities.
14. Email from Laura Bennett to Lynette Findley dated 10/18/23 explaining the chain of events which led to writing the check dated 5/24/22 for $100,000 to the wrong entity.
15. Trial Balance of the Escrow Fund dated 5/31/24 showing the 3 remaining escrow accounts related to the subject matter, DG Residential Escrows.
    Acct #701-000-283.003 DG Residential – Woodside Village Surety Bond $40,000;
    Acct #701-000-283.027 DG Res. (McTavish) Brookside 3 Tree Bond $10,000;
    Acct #701-000-283.028 DG Res. (McTavish)Brookside 3 Util. Bond $34,630;

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It appears the interest in the Brookside Development escrows was assigned to the purchaser (Robert McTavish) of the Brookside Development Lots (see #7). However, the purchaser (Infinity Homes) of the Woodside Development Lots was not assigned the escrow rights of Woodside Development. The partial refund of escrow monies ($100,000 of $140,0000) was paid to Infinity Homes, which should have been paid to DG Residential Homes.

Conclusion:
After reviewing the above documents and making inquiries of officials, management, and staff we believe the mistake was made due to a lack of review of the history of the escrows originally set up in prior years.
We noted there was no in-depth review, prior to payment, of who rightfully owned the money in the related escrow accounts. A detailed review should have been conducted by the requestor of the funds, (Planning and Zoning Administrator), another review or at least inquiries should have been made by the treasurer (wrote the check), and the signers of the check (deputy treasurer and clerk). It was obvious that the treasurer, deputy treasurer, and clerk were all depending on the Planning and Zoning Administrator.

Recommendation:
We suggest an Escrow Policy be developed and added to the Township's Fiscal Policies in order to stop things like this from happening in the future (when we inquired if an escrow policy existed, we were told, "yes", however, a written policy could not be found). The policy should include written procedures where the accountant reconciles the general ledger escrow fund, (individual accounts in the escrow fund) to a report maintained by the person responsible (Planning & Zoning Administrator) for communicating with the developers, builders, others depositing monies into escrow accounts. All agreements between and with developers (especially when developments are being purchased & sold) should be kept on file at the Township as documentation for receipting and disbursing funds from escrow accounts.

We also suggest a check list be compiled and signed off by each individual included as part of the transaction (Planning & Zoning Administrator, individual drawing up the check, signers of the check, and controller). The checklist should list each procedure completed in verifying the amount, payee, and escrow account(s).

The aforementioned is meant to give the Board of Trustees more detailed information in regard to this matter and is meant to be a part of our Management Letter which is attached.

If you should have any questions or would like more discussion, please don't hesitate to call.

Sincerely,

Kenneth J. Palka

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CHARTER TOWNSHIP OF SUPERIOR

REPORT ON AUDIT OF FINANCIAL STATEMENTS

FOR THE YEAR ENDED DECEMBER 31, 2023

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CHARTER TOWNSHIP OF SUPERIOR

TOWNSHIP OFFICIALS

Supervisor - Kenneth Schwartz
Clerk - Lynette Findley
Treasurer – Lisa Lewis

BOARD OF TRUSTEES

Kenneth Schwartz
Lynette Findley
Lisa A. Lewis
Bill Secrest
Nancy Caviston
Bernice Lindke
Rhonda McGill

LEGAL COUNSEL

Lucas Law, PC

TOWNSHIP AUDITORS

Pfeffer, Hanniford & Palka
Certified Public Accountants

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INDEPENDENT AUDITOR'S REPORT

June 4, 2024

To the Board of Trustees
Charter Township of Superior
3040 North Prospect
Ypsilanti, MI 48198

Report on the Audit of the Financial Statements

Opinions

We have audited the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Charter Township of Superior, Michigan, as of and for the year ended December 31, 2023, and the related notes to the financial statements, which collectively comprise the Township's basic financial statements as listed in the table of contents. In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Charter Township of Superior, Michigan, as of December 31, 2023, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Township and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Township's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

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Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements. In performing an audit in accordance with GAAS, we:

- exercise professional judgment and maintain professional skepticism throughout the audit.
- identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Township's internal control. Accordingly, no such opinion is expressed.
- evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Township's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information, as identified in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Township's basic financial statements. The accompanying supplementary information such as the combining and individual fund financial statements are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining and individual fund financial statements are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Pfeffer, Hanniford & Palka, P.C.

PFEFFER, HANNIFORD & PALKA
Certified Public Accountants

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MANAGEMENT DISCUSSION AND ANALYSIS

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Within this section of the Charter Township of Superior's annual financial report, the Township's management is providing a narrative discussion and analysis of the financial activities of the Township for the fiscal year ended December 31, 2023. This narrative discusses and analyzes the activity within the context of the accompanying financial statements and disclosures following this section. The discussion focuses on the Township's primary government and, unless otherwise noted, component units reported separately from the primary government are not included.

Overview of the Financial Statements

Management's Discussion and Analysis introduces the Township's basic financial statements. The basic financial statements include government-wide financial statements, fund financial statements, and notes to the financial statements. The Township also includes in this report additional information to supplement the basic financial statements.

Government-wide Financial Statements

The Township's annual reports include two government-wide financial statements. These statements provide both long-term and short-term information about the Township's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The first of these government-wide statements is the Statement of Net Position. This is the Township-wide statement of position presenting information that includes all the Township's assets, deferred outflows, liabilities, and deferred inflows, with the difference reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Township, as a whole, is improving or deteriorating. Evaluation of the overall health of the Township may extend to various non-financial factors as well.

The second government-wide statement is the Statement of Activities, which reports how the Township's net position changed during the current fiscal year. The design of this statement is to show the financial reliance of the Township's distinct activities or functions on the revenues generated by the Township.

Both government-wide financial statements distinguish governmental activities of the Township that are principally supported by taxes and revenue sharing from the business-type activities that are intended to recover all or a significant portion of their costs through user fees and charges. Governmental activities include such activities as general government, public safety, and public works departments. Business-type activities include water & sewer utility operations. Fiduciary activities (such as tax collection) are not included in the government-wide statements since these assets are not available to fund Township programs.

The Township's financial reporting includes all the funds of the Township (primary government) and, additionally, organizations for which the Township is accountable (component units). The Township had no component units.

Fund Financial Statements

A fund is an accountability unit used to maintain control over resources segregated for specific activities or objectives. The Township uses funds to ensure and demonstrate compliance with finance-related laws and regulations. Within the basic financial statements, fund financial statements focus on the Township's most significant funds rather than the Township as a whole. Major funds are separately reported while all others are combined into a single, aggregated presentation. Individual fund data is provided in the combining statements later in this report.

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The Township has three kinds of funds:

Governmental funds are reported in the financial statements and encompass essentially the same functions as governmental activities in the government-wide financial statements except with a different focus on the financial activity. These statements report short-term fiscal accountability focusing on the use of spendable resources and balances of these resources available at the end of the year. They are useful in evaluating annual financing requirements of governmental programs and the commitment of spendable resources for the near-term. Since the focus of the government-wide financial statements includes a long-term view, a reconciliation of these fund balances has been completed to detail its relation to net assets.

Proprietary funds are reported in the financial statements and are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises - where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability or other purposes.

Fiduciary funds are reported in the fiduciary fund financial statements but are excluded from the government-wide statements. Fiduciary fund financial statements report resources that are not available to fund Township activities.

Notes to the financial statements

The accompanying notes to the financial statements provide information essential to a full understanding of both the government-wide and fund financial statements.

Other information

In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information. Other supplementary information includes details by fund for receivables, payables, transfers, and payments within the reporting entity.

Major funds are reported in the basic financial statements as discussed. Combining and individual statements and schedules for nonmajor funds are presented in a subsequent section of this report.

Financial analysis of the Township as a whole

The Township's net position included under governmental activities increased by $607,092 and the net position included under business type activities increased by $1,154,350.

The Township's total net position at the end of the year was $36,110,350. This is a $1,761,442 increase over last year's net position of $34,348,908.

The following tables provide a summary of the Township's financial activities and changes in net position:

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CHARTER TOWNSHIP OF SUPERIOR

SUMMARY OF NET POSITION
DECEMBER 31, 2023 AND 2022

	Governmental Activities			Business Type Activities			Totals		
	12/31/2023	12/31/2022	Increase (Decrease)	12/31/2023	12/31/2022	Increase (Decrease)	12/31/2023	12/31/2022	Increase (Decrease)
ASSETS									
Current and other assets	$ 17,248,694	$ 17,296,746	$ (48,052)	$ 5,928,593	$ 5,609,144	$ 319,449	$ 23,177,287	$ 22,905,890	$ 271,397
Capital assets	9,159,421	9,040,135	119,286	21,254,157	18,662,206	2,591,951	30,413,578	27,702,341	2,711,237
Total assets	26,408,115	26,336,881	71,234	27,182,750	24,271,350	2,911,400	53,590,865	50,608,231	2,982,634
DEFERRED OUTFLOWS OF RESOURCES									
Pension investment activities	1,121,134	1,567,342	(446,208)				1,121,134	1,567,342	(446,208)
LIABILITIES									
Other liabilities	5,407,052	6,434,224	(1,027,172)	1,084,631	349,640	734,991	6,491,683	6,783,864	(292,181)
Unearned revenues	1,520,667	1,781,247	(260,580)				1,520,667	1,781,247	(260,580)
Long-term liabilities	2,010,703	2,126,249	(115,546)	2,649,319	1,627,260	1,022,059	4,660,022	3,753,509	906,513
Total liabilities	8,938,422	10,341,720	(1,403,298)	3,733,950	1,976,900	1,757,050	12,672,372	12,318,620	353,752
DEFERRED INFLOWS OF RESOURCES									
Unavailable revenues	5,913,898	5,508,045	405,853				5,913,898	5,508,045	405,853
NET POSITION									
Net investment in capital assets	7,038,718	6,777,271	261,447	18,464,838	17,034,946	1,429,892	25,503,556	23,812,217	1,691,339
Restricted	5,676,838	5,003,589	673,249				5,676,838	5,003,589	673,249
Unrestricted	(38,627)	273,598	(312,225)	4,983,962	5,259,504	(275,542)	4,945,335	5,533,102	(587,767)
Total net position	$ 12,676,929	$ 12,054,458	$ 622,471	$ 23,448,800	$ 22,294,450	$ 1,154,350	$ 36,125,729	$ 34,348,908	$ 1,776,821

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CHARTER TOWNSHIP OF SUPERIOR

SUMMARY OF CHANGES IN NET POSITION
FOR THE YEARS ENDING DECEMBER 31, 2023 AND 2022

	Governmental Activities			Business Type Activities			Totals		
	12/31/2023	12/31/2022	Increase (Decrease)	12/31/2023	12/31/2022	Increase (Decrease)	12/31/2023	12/31/2022	Increase (Decrease)
REVENUES									
Program revenues									
Charges for services	$ 956,341	$ 970,224	$ (13,883)	$ 4,784,626	$ 4,524,436	$ 260,190	$ 5,740,967	$ 5,494,660	$ 246,307
Capital/operating grants and contributions	336,676	359,017	(22,341)	1,495,128	1,633,187	(138,059)	1,831,804	1,992,204	(160,400)
General revenues									
Taxes	5,598,094	5,180,888	417,206				5,598,094	5,180,888	417,206
Special assessments	110,929	105,229	5,700				110,929	105,229	5,700
Licenses and permits	186,715	198,063	(11,348)				186,715	198,063	(11,348)
State grants	1,741,998	1,927,788	(185,790)				1,741,998	1,927,788	(185,790)
Interest and rents	408,771	109,159	299,612	110,078	32,699	77,379	518,849	141,858	376,991
Other revenue	320,098	52,054	268,044	11,716	6,096	5,620	331,814	58,150	273,664
Gain (loss) on sale of assets				(167,625)	(18,665)	(148,960)	(167,625)	(18,665)	(148,960)
Total revenues	9,659,622	8,902,422	757,200	6,233,923	6,177,753	56,170	15,893,545	15,080,175	813,370
EXPENSES									
General government	1,755,535	1,724,255	31,280				1,755,535	1,724,255	31,280
Public safety	5,121,841	4,891,883	229,958				5,121,841	4,891,883	229,958
Public works	681,959	741,681	(59,722)				681,959	741,681	(59,722)
Community and economic development	831,312	816,102	15,210				831,312	816,102	15,210
Recreation and culture	567,921	339,820	228,101				567,921	339,820	228,101
Interest on long-term debt	78,583	46,578	32,005				78,583	46,578	32,005
Utility system				5,079,573	5,230,190	(150,617)	5,079,573	5,230,190	(150,617)
Total expenses	9,037,151	8,560,319	476,832	5,079,573	5,230,190	(150,617)	14,116,724	13,790,509	326,215
CHANGE IN NET POSITION	622,471	342,103	280,368	1,154,350	947,563	206,787	1,776,821	1,289,666	487,155
BEGINNING NET POSITION	12,054,458	11,712,355	342,103	22,294,450	21,346,887	947,563	34,348,908	33,059,242	1,289,666
ENDING NET POSITION	$ 12,676,929	$ 12,054,458	$ 622,471	$ 23,448,800	$ 22,294,450	$ 1,154,350	$ 36,125,729	$ 34,348,908	$ 1,776,821

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Financial Analysis of the Township's Major Funds

For the year ended December 31, 2023, there were four major funds:

1. **General Fund** - In compliance with GASB Standards, the Parks and Recreation Fund and the Trust and Agency Fund have been consolidated with the General Fund. Overall, the General Fund continues to be strong financially. Its fund balance increased by $136,444. This was primarily due to decreases in various expense line items such as Public Works.

2. **Fire Operating Fund** - The operations of the Fire Fund resulted in a decrease in its fund balance of $323,351. Increases in all revenue sources were offset by increases in expenditures, including capital outlay.

3. **Law Enforcement Fund** - The Law Fund increased its fund balance by $791,945. Interest income was a significant contributor.

4. **American Rescue Plan Act Fund (ARPA Fund)** - The ARPA Fund increased its fund balance by $6,972. In the near future, the Township expects large amounts of federal grant revenue to be recognized in this fund, as well as large expenditures relating to approved projects.

General Fund Budgetary Highlights

The General Fund adopted its budget prior to the fiscal year in accordance with Public Act 493 of 2000. Expenditures are budgeted by activity.

Capital Asset and Debt Administration

There were $148,172 in depreciable capital asset additions under governmental activities this year. These purchases included a fire vehicle, fire equipment, a new furnace and bathroom renovations for Fire Station #2 and a new sign for the Oakbrook community.

There were six projects in process at the beginning of the fiscal year. The Township incurred $291,747 in additional costs for these projects as well as three new projects. The 2022 Sidewalk Repair Program was put in service and capitalized during the fiscal year with a total cost of $14,500. For a detailed listing of construction in progress projects see Note 4.

The Township received proceeds of $2,000 on the disposal of fully depreciated assets including a pick-up truck, a dump trailer, and a lawn mower.

The business-type activities added a snowplow ($9,408) for the fiscal year ended December 31, 2023. There was $1,242,000 added in utility infrastructure by developers throughout the Township.

Disposals for inactive assets were recorded after management's review of the asset listing.

The business-type activities began the year with $2,484,668 of construction in progress, incurred another $2,274,015 in costs, placed two of the projects in service, and ended with a balance of $39,055. Construction in progress activity (by project) is described in Note 4 of the Notes to Financial Statements.

The 2013 Refunding Capital Improvement Bonds used for the Fire Department and Utility operations made payments of $102,864 for Fire activities and $137,136 for Utility operations. This debt was totally extinguished as of December 31, 2023.

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New bonds were issued in 2020 from the Michigan Finance Authority's State Revolving Fund. Total bond proceeds available are $3,230,000. The outstanding balance as of December 31, 2022, was $1,490,124. The Township utilized an additional $1,434,195, and made a principal payment of $135,000, leaving a balance of $2,789,319 at December 31, 2023. Draws are requested to reimburse the Utility Fund for approved upgrades to the current water and sewer systems as incurred.

In 2022, the Township purchased a significant conservation easement in the amount of $2,408,280 through a land contract payable. Subsequently, the Township issued refunding bonds in the amount of $2,160,000, with a bond premium of $83,415 to pay off the land contract. See Note 5 for additional details related to the transaction.

Economic Conditions and Future Activities

There was a moderate increase in tax revenues for the Township's general and public safety operations, due to increasing taxable values. No taxes were levied for legal defense during the December 31, 2023 fiscal year.

The Township was able to fulfill the requirement of CVTRS (City, Village and Township Revenue Sharing) as it has done for several years with the State of Michigan Department of Treasury to receive additional state shared revenues. Management has and will keep reviewing costs in all areas of the Township to maintain services at minimal costs.

State and federal grants were received during the year, adding relief to the Township and its various activities.

Overall, the Township's financial position remains strong and healthy.

Contacting the Township's Financial Management

This report is designed to provide a general overview of the Township's financial position and comply with finance-related regulations. If you have any further questions about this report or request additional information, please contact the Charter Township of Superior at 3040 North Prospect, Ypsilanti, Michigan, 48198.

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BASIC FINANCIAL STATEMENTS

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GOVERNMENT-WIDE FINANCIAL STATEMENTS

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CHARTER TOWNSHIP OF SUPERIOR

STATEMENT OF NET POSITION
DECEMBER 31, 2023

	Primary Government		
	Governmental Activities	Business-type Activities	Total
ASSETS			
Cash and investments	$ 10,659,663	$ 4,798,681	$ 15,458,344
Receivables:			
Taxes	5,552,358		5,552,358
Special assessments	110,929		110,929
State shared revenues	272,949		272,949
Accounts	515,659	1,018,657	1,534,316
Intergovernmental balances	33	(33)	
Inventory		38,602	38,602
Prepaid expenditures	137,030	72,580	209,610
Capital assets			
Assets not being depreciated	4,597,501	249,518	4,847,019
Assets, net of depreciation	4,561,920	21,004,639	25,566,559
Total assets	26,408,042	27,182,644	53,590,686
DEFERRED OUTFLOWS OF RESOURCES			
Pension related activities	1,121,134		1,121,134
LIABILITIES			
Accounts payable	501,312	784,583	1,285,895
Accrued wages	99,132	31,622	130,754
Accrued compensated absences	587,107	117,008	704,115
Accrued interest	13,300	11,312	24,612
Unearned revenues	1,520,667		1,520,667
Net pension liability	4,096,128		4,096,128
Long-term obligations			
Other due within one year	110,000	140,000	250,000
Other due in more than one year	2,010,703	2,649,319	4,660,022
Total liabilities	8,938,349	3,733,844	12,672,193
DEFERRED INFLOWS OF RESOURCES			
Unavailable revenues	5,913,898		5,913,898
NET POSITION			
Invested in capital assets, net of related debt	7,038,718	18,464,838	25,503,556
Restricted for:			
Fire protection	2,322,615		2,322,615
Police protection	2,789,319		2,789,319
Public works	377,502		377,502
Legal defense	187,402		187,402
Unrestricted	(38,627)	4,983,962	4,945,335
Total net position	$ 12,676,929	$ 23,448,800	$ 36,125,729

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The accompanying notes are an integral part of the financial statements.

CHARTER TOWNSHIP OF SUPERIOR

STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED DECEMBER 31, 2023

		Program Revenues		Net (Expenses) Revenue and Changes in Net Position		
Functions/Programs	**Expenses**	**Charges for Services**	**Operating Grants and Contributions**	**Governmental Activities**	**Business-type Activities**	**Total**
Governmental activities						
General government	$ (1,755,535)	$ 340,803	$ 177,912	$ (1,236,820)	$	$ (1,236,820)
Public safety - fire	(3,319,543)		158,294	(3,161,249)		(3,161,249)
Public safety - police	(1,802,298)	318,716		(1,483,582)		(1,483,582)
Public works	(681,959)			(681,959)		(681,959)
Community and economic development	(831,312)	296,822		(534,490)		(534,490)
Recreation and culture	(567,921)		470	(567,451)		(567,451)
Interest on long-term debt	(78,583)			(78,583)		(78,583)
Total governmental activities	(9,037,151)	956,341	336,676	(7,744,134)		(7,744,134)
Business-type activities						
Utility fund	(5,079,573)	4,784,626	1,495,128		1,200,181	1,200,181
Total	$ (14,116,724)	$ 5,740,967	$ 1,831,804	(7,744,134)	1,200,181	(6,543,953)
	General revenues					
	Taxes			5,598,094		5,598,094
	Special assessments			110,929		110,929
	Licenses and permits			186,715		186,715
	State grants			1,741,998		1,741,998
	Fines and forfeits			13,225		13,225
	Interest and rents			408,771	110,078	518,849
	Other revenue			306,873	11,716	318,589
	Gain/(loss) on disposal of assets				(167,625)	(167,625)
	Total general revenues			8,366,605	(45,831)	8,320,774
	Changes in net position			622,471	1,154,350	1,776,821
	Net position, January 1, 2023			12,054,458	22,294,450	34,348,908
	Net position, December 31, 2023			$ 12,676,929	$ 23,448,800	$ 36,125,729

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The accompanying notes are an integral part of the financial statements.

FUND FINANCIAL STATEMENTS

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CHARTER TOWNSHIP OF SUPERIOR

BALANCE SHEET
GOVERNMENTAL FUNDS
DECEMBER 31, 2023

	General Fund	Fire Fund	Law Enforcement Fund	ARPA Fund	Nonmajor Funds	Totals
ASSETS						
Cash and cash equivalents	$ 2,599,223	$ 2,751,399	$ 2,869,894	$ 1,330,127	$ 1,109,020	$ 10,659,663
Receivables:						
Taxes	617,887	2,711,958	2,130,816			5,460,661
Special assessments					110,929	110,929
State grants	272,949					272,949
Due from other funds	143,817	8	33,849			177,674
Other	485,759	4,778	66,126			556,663
Other current assets:						
Prepaid expenditures	40,117	94,794	1,200		919	137,030
Total assets	$ 4,159,752	$ 5,562,937	$ 5,101,885	$ 1,330,127	$ 1,220,868	$ 17,375,569
LIABILITIES						
Accounts payable	$ 409,402	$ 77,748	$ 3,734	$	$ 10,428	$ 501,312
Accrued wages	33,043	58,806			7,283	99,132
Accrued interest	13,300					13,300
Accrued compensated absences	4,304	43,841			1,042	49,187
Unearned revenue	175,447			1,321,703	23,517	1,520,667
Due to other funds	15,250	28,136			83,562	126,948
Total liabilities	650,746	208,531	3,734	1,321,703	125,832	2,310,546
DEFERRED INFLOWS OF RESOURCES						
Unavailable revenue	669,269	2,936,997	2,307,632			5,913,898
FUND BALANCE						
Nonspendable for prepaids	40,117	94,794	1,200		919	137,030
Restricted for:						
Fire Protection		2,322,615				2,322,615
Police Protection			2,789,319			2,789,319
Tree preservaton fund	247,500				130,002	377,502
Legal defense					187,402	187,402
Committed for:						
Building reserve	401,731					401,731
Capital improvement	2,550			8,424		10,974
Compensated absences	80,599				6,570	87,169
Non-motorized trails	30,659					30,659
Ordinance enforcement					626,068	626,068
Right of Way	18,195					18,195
Assigned for future budget deficits	504,773				144,075	648,848
Unassigned	1,513,613					1,513,613
Total fund equity	2,839,737	2,417,409	2,790,519	8,424	1,095,036	9,151,125
Total liabilities, deferred inflows of resources and fund balance	$ 4,159,752	$ 5,562,937	$ 5,101,885	$ 1,330,127	$ 1,220,868	$ 17,375,569

The accompanying notes are an integral part of the financial statements.

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CHARTER TOWNSHIP OF SUPERIOR

RECONCILIATION OF TOTAL GOVERNMENTAL FUND BALANCES TO NET POSITION OF GOVERNMENTAL ACTIVITIES DECEMBER 31, 2023

Total governmental fund balance per balance sheet		$ 9,151,125
Amounts reported for governmental activities in the Statement of Net Position are different because:		
Capital assets used in governmental activities are not financial resources and therefore are not reported in the funds:		
Historical cost	$ 14,346,779	
Depreciation	(5,187,358)	
Capital assets net of depreciation		9,159,421
Pension related activities are not a consumption of current resources and therefore are reported as deferred outflows of resources in the Statement of Net Position:		1,121,134
Pension liabilities, net of pension plan fiduciary net position, are not due and payable in the current period and are not reported in the fund financial statements:		
Net pension liability		(4,096,128)
Some liabilities are not due and payable in the current period and therefore are not reported in the funds. This includes:		
Bonds payable	(2,050,000)	
Bond premium	(70,703)	
Compensated absences	(537,920)	
Total		(2,658,623)
Net position of governmental activities		$ 12,676,929

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The accompanying notes are an integral part of the financial statements.

CHARTER TOWNSHIP OF SUPERIOR

STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
GOVERNMENTAL FUNDS
FOR THE YEAR ENDED DECEMBER 31, 2023

	General Fund	Fire Fund	Law Enforcement Fund	ARPA Fund	Nonmajor Funds	Totals
REVENUES						
Taxes	$ 726,256	$ 2,728,216	$ 2,143,622	$	$	$ 5,598,094
Licenses and permits	186,715					186,715
Special assessments					110,929	110,929
Federal grants	470	158,294		169,935		328,699
State grants	1,737,686	2,139	2,173			1,741,998
Contributions from local units	7,977					7,977
Charges for services	340,803		318,716		296,822	956,341
Fines and forfeits			13,225			13,225
Interest and rents	123,378	118,347	114,125	7,327	45,594	408,771
Other revenue	286,046	20,786			41	306,873
Total revenues	3,409,331	3,027,782	2,591,861	177,262	453,386	9,659,622
EXPENDITURES						
General government	1,517,055			55	15,399	1,532,509
Public safety		3,060,192	1,799,916			4,860,108
Public works	593,141				88,818	681,959
Community and economic development	408,216				419,972	828,188
Recreation and culture	391,917			139,769		531,686
Capital outlay						
General government	192,405				30,000	222,405
Fire protection		187,048		30,466		217,514
Debt Service						
Debt - principal	110,000	102,864				212,864
Debt - interest	97,500	1,029				98,529
Total expenditures	3,310,234	3,351,133	1,799,916	170,290	554,189	9,185,762
Net changes in fund balances	99,097	(323,351)	791,945	6,972	(100,803)	473,860
FUND BALANCE, JANUARY 1, 2023	2,740,640	2,740,760	1,998,574	1,452	1,195,839	8,677,265
FUND BALANCE, DECEMBER 31, 2023	$ 2,839,737	$ 2,417,409	$ 2,790,519	$ 8,424	$ 1,095,036	$ 9,151,125

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The accompanying notes are an integral part of the financial statements.

CHARTER TOWNSHIP OF SUPERIOR

RECONCILIATION OF STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE STATEMENT OF ACTIVITIES FOR THE YEAR ENDED DECEMBER 31, 2023

Net change in fund balances - governmental funds		$ 473,860
Amounts reported for governmental activities in the Statement of Activities are different because:		
Governmental funds report capital outlay as expenditures. However, in the Statement of Activities, the cost of those assets are allocated over their useful lives as depreciation expense. The amount by which capital outlay exceeded depreciation is as follows:		
Capital outlay	$ 439,919	
Depreciation expense	(320,633)	
Net change		119,286
Repayment of bond and contract payable is an expenditure in the governmental funds, but the repayment reduces long-term liabilities in the Statement of Net Position:		
Repayment of bonds payable	212,864	
Accrued interest	14,400	
Bond premium amortization	5,546	
Net change		232,810
Accrued absences for vacation and sick time for the employees is recorded on the Statement of Net Position:		40,569
Some pension contributions in the Statement of Activities do not require the use of current financial resources, and therefore, are not reported as expenditures in the Governmental Fund:		
Change in net pension activity		(244,054)
Change in net position		$ 622,471

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The accompanying notes are an integral part of the financial statements.

CHARTER TOWNSHIP OF SUPERIOR

PROPRIETARY FUND - UTILITY FUND
STATEMENT OF NET POSITION
DECEMBER 31, 2023

CURRENT ASSETS		
Cash and investments	$ 4,798,681	
Receivables:		
Due from other funds	73	
Accounts	878,355	
Other	140,302	
Inventory	38,602	
Prepaid expenses	72,580	
Total current assets		$ 5,928,593
PROPERTY, PLANT AND EQUIPMENT		
Capital assets, not depreciated	249,518	
Capital assets, depreciated, net	21,004,639	
Property, plant and equipment		21,254,157
Total assets		$ 27,182,750
CURRENT LIABILITIES		
Accounts payable	$ 775,152	
Accrued interest	11,312	
Accrued wages	31,622	
Accrued sick and vacation	117,008	
Due to other funds	9,537	
Bonds payable	140,000	
Total current liabilities		$ 1,084,631
LONG-TERM OBLIGATIONS		
Bonds payable		2,649,319
Total liabilities		3,733,950
NET POSITION		
Invested in capital assets, net of related debt	18,464,838	
Unrestricted	4,983,962	
Total net position		$ 23,448,800

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The accompanying notes are an integral part of the financial statements.

CHARTER TOWNSHIP OF SUPERIOR

PROPRIETARY FUND - UTILITY FUND
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2023

OPERATING REVENUES	
Charges for services	$ 4,764,419
Meter sales	20,207
Total operating revenues	4,784,626
OPERATING EXPENSES	
Water and sewer purchases	2,660,474
Salaries	699,597
Taxable benefits	72,483
Payroll taxes	50,159
Insurance benefits	160,658
Pension expense	91,428
Repairs and maintenance - administration building	9,372
Computer services and supplies	15,488
Supplies	4,686
Utilities	7,379
Telecommunications	13,991
Leased equipment	11,283
Cleaning services	5,844
Lift and booster station expense	39,460
Maintenance facility expense	102,675
System repairs and maintenance	75,474
Professional fees	23,898
Employee expense	11,185
Meters and supplies	118,433
Fuel	10,426
Insurance and bonds	43,458
Bad debt expense	12,877
Depreciation	765,847
Postage	19,627
Printing and publishing	11,041
Membership and dues	7,797
Miscellaneous	831
Total operating expenses	5,045,871
OPERATING (LOSS)	(261,245)
NON-OPERATING REVENUES AND (EXPENSES)	
(Loss) on disposal of assets	(167,625)
Interest income - operations	110,078
Interest expense - debt	(33,702)
Tap-in fees	237,200
New customer installation fees	15,928
Contributed capital - developers	1,242,000
Other income	11,716
Total non-operating revenues and (expenses)	1,415,595
Change in net position	1,154,350
NET POSITION, JANUARY 1, 2023	22,294,450
NET POSITION, DECEMBER 31, 2023	$ 23,448,800

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The accompanying notes are an integral part of the financial statements.

CHARTER TOWNSHIP OF SUPERIOR

PROPRIETARY FUND - UTILITY FUND
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 31, 2023

CASH FLOWS FROM (USED IN) OPERATING ACTIVITIES:		
Cash receipts from customers	$ 4,824,500	
Cash payments to employees for services	(718,434)	
Cash payments to suppliers of goods and services	(2,994,953)	
Net cash from operating activities		$ 1,111,113
CASH FLOWS FROM (USED IN) CAPITAL AND RELATED FINANCING ACTIVITIES		
Proceeds from bonds	1,434,195	
Principal payments on bonds payable	(272,136)	
Interest payments on debt	(29,857)	
Acquisition of fixed assets	(2,283,423)	
Tap-in fees	237,200	
New customer installation fees	15,928	
Other income	11,716	
Net cash (used in) capital and related financing activities		(886,377)
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest on cash and cash equivalents		110,078
Net increase in cash and cash equivalents		334,814
CASH AND CASH EQUIVALENTS, JANUARY 1, 2023		4,463,867
CASH AND CASH EQUIVALENTS, DECEMBER 31, 2023		$ 4,798,681
ADJUSTMENTS TO RECONCILE OPERATING INCOME TO NET CASH FROM (USED IN) OPERATING ACTIVITIES:		
Operating loss		$ (261,245)
Adjustments to reconcile operating income to net cash from (used in) operating activities:		
Depreciation		765,847
Changes in assets and liabilities		
Decrease in accounts receivable		39,874
(Increase) in prepaid expenses		(17,304)
(Increase) in inventory		(7,202)
(Decrease) in due to other funds		(758)
Increase in accounts payable		488,096
Increase in accrued wages		31,622
Increase in accrued compensated absences		72,183
Net cash from operating activities		$ 1,111,113

NONCASH ACTIVITY

The proprietary fund received noncash developer contributions in the amount of $1,242,000 which had no impact on this Statement of Cash Flows.

The accompanying notes are an integral part of the financial statements.

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CHARTER TOWNSHIP OF SUPERIOR

FIDUCIARY FUNDS
STATEMENT OF ASSETS AND LIABILITIES
DECEMBER 31, 2023

ASSETS		
Cash and investments	$	6,131,749
Due from other funds		55,472
Total assets	$	6,187,221
LIABILITIES		
Due to others	$	6,090,487
Due to other funds		96,734
Total liabilities	$	6,187,221

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The accompanying notes are an integral part of the financial statements.

NOTES TO FINANCIAL STATEMENTS

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NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Charter Township of Superior was incorporated February 26, 1979, under the provision of Public Act 90 of 1976, as amended. The policies of the Charter Township of Superior conform to generally accepted accounting principles as applicable to governmental units.

The following is a summary of the more significant policies:

A. BASIC FINANCIAL STATEMENTS

In accordance with GASB Statements, the basic financial statements include both government-wide and fund financial statements.

The government-wide financial statements (Statement of Net Position and Statement of Activities) report on the Township as a whole, excluding fiduciary activities. Governmental fund types are reported in the government-wide financial statements using the economic resources measurement focus and the accrual basis of accounting, which includes long-term assets and receivables as well as long-term debt and obligations. The government-wide financial statements focus more on the sustainability of the Township as an entity and the change in aggregate financial position resulting from the activities of the fiscal period. Generally, the effect of interfund activity has been removed from the government-wide financial statements.

The government-wide Statement of Net Position reports all financial and capital resources of the Township (excluding fiduciary funds). It is displayed in a format of assets and deferred outflows of resources less liabilities and deferred inflows of resources equals net position, with the assets and liabilities shown in order of their relative liquidity. Net position is required to be displayed in three components: 1) invested in capital assets 2) restricted, and 3) unrestricted. Invested in capital assets, net of related debt is capital assets net of accumulated depreciation and reduced by outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. Restricted net positions are those with constraints placed on their use by either: 1) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments, or 2) imposed by law through constitutional provisions or enabling legislation. Net positions not otherwise classified as restricted, are shown as unrestricted. Generally, the Township would first apply restricted resources when an expense is incurred for purposes for which both restricted and unrestricted net position is available.

The government-wide Statement of Activities demonstrates the degree to which both direct and indirect expenses of the various functions and programs of the Township are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or identifiable activity. Indirect expenses for administrative overhead are allocated among the functions and activities using a full cost allocation approach and are presented separately to enhance comparability of direct expense between governments that allocate direct expenses and those that do not. Interest on general long-term debt is not allocated to the various functions. Program revenues include: 1) charges to customers or users who purchase, use or directly benefit from goods, services or privileges provided by a particular function or program and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or program. Taxes, unrestricted investment income and other revenues not identifiable with particular functions or programs are included as general revenues. The general revenues support the net costs of the functions and programs not covered by program revenues.

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NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Also, part of the basic financial statements are the fund financial statements for the governmental funds. The focus of the fund financial statements is on major funds, as defined by GASB Standards. Although GASB Standards sets forth minimum criteria for determination of major funds (a percentage of assets, liabilities, revenues, or expenditures of fund category and of the governmental funds combined), it also gives governments the option of displaying other funds as major funds. Other non-major funds are combined in a single column on the fund financial statements.

The Township reports the following major governmental funds:

- The **General Fund** is the Township's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund.
- The **Fire Fund** accounts for the activities related to operating fire protection services. This fund is primarily supported through the collection of property taxes.
- The **Law Enforcement Fund** accounts for the activities related to operating police protection services. This fund is primarily supported through the collection of property taxes and charges for services.
- The **American Rescue Plan Act Fund (ARPA Fund)** accounts for receiving and spending the federal grants applicable to the American Rescue Plan Act.

The Township reports the following major proprietary fund:

- The **Utility Fund** accounts for all the activity associated with the operations and maintenance of operating the sewer and water systems of the Township.

B. MEASUREMENT FOCUS AND BASIS OF ACCOUNTING

The governmental fund financial statements are prepared on a modified accrual basis of accounting. To conform to the modified accrual basis of accounting, certain modifications must be made to the accrual method. These modifications are outlined below:

- Revenue is recorded when it becomes both measurable and available (received within 60 days after year-end). Revenue considered susceptible to accrual includes: property taxes, sales and use taxes, licenses, fees and permits, intergovernmental revenues, charges for services and interest.
- Expenditures are recorded when the related fund liability is incurred. Principal and interest on long-term debt are recorded as fund liabilities when due or when amounts have been accumulated in the debt service fund for payments to be made early in the following year.
- Disbursements for the purchase of capital assets providing future benefits are considered expenditures. Bond/debt proceeds are reported as another financing source.

With this measurement focus, operating statements present increases and decreases in net current assets and unreserved fund balances as a measure of available spendable resources.

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NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

This is the traditional basis of accounting for governmental funds and is also the manner in which these funds are normally budgeted. This presentation is deemed most appropriate to: 1) demonstrate legal and covenant compliance, 2) demonstrate the sources and uses of liquid resources, and 3) demonstrate how the Township's actual revenues and expenditures conform to the annual budget. Since the governmental funds financial statements are presented on a different basis than the governmental activities column of the government-wide financial statements, reconciliations are provided immediately following each fund statement. These reconciliations briefly explain the adjustments necessary to transform the fund financial statements into the governmental activities column of the government-wide financial statements.

The proprietary funds' financial statements are prepared on the same basis (economic resources, measurement focus and accrual basis of accounting) as the government-wide financial statements. Therefore, most lines for the total enterprise funds on the proprietary funds financial statements will directly reconcile to the business-type activities column on the government-wide financial statements. Because the enterprise funds are combined into a single business-type activities column on the government-wide financial statements, certain interfund activities between these funds are eliminated in the consolidation for the government-wide financial statements but are included in the fund columns in the proprietary funds financial statements.

Proprietary funds account for operations where the intent of the Township is that the costs of providing goods or services to the general public on a continuing basis to be financed or recovered primarily through user charges. Under standards set by GASB, enterprise funds are also required for any activity whose principal revenue sources meet any of the following criteria: 1) any activity that has issued debt backed solely by the fees and charges of the activity, 2) if the cost of providing services for any activity, including capital costs such as depreciation or debt service, must legally be recovered through fees and charges of the activity, or 3) it is the policy of the Township to establish activity fees or charges to recover the cost of providing services, including capital costs.

On the proprietary funds financial statements, operating revenues are those that flow directly from the operations of the activity, i.e. charges to customers or users who purchase or use the goods or services of that activity. Operating expenses are those that are incurred to provide those goods or services. Non-operating revenues are expenses are items such as investment income and interest expense that are not a result of the direct operations of the activity.

Private-sector standards of accounting issued prior to December 1, 1989, are generally followed in both the government-wide and enterprise funds reported on the proprietary fund financial statements to the extent that those standards do not conflict with the standards of the Governmental Accounting Standards Board. The government has elected not to follow private-sector standards issued after November 30, 1989, for its business-type activities.

Fiduciary funds account for assets held by the Township in a trustee or agency capacity on behalf of others and, therefore, are not available to support Township programs. The reporting focus is upon net assets and changes in net assets and employs accounting principles similar to proprietary funds. Fiduciary funds are not included in the government-wide financial statements as they are not an asset of the Township available to support Township programs.

C. BUDGETARY DATA

The Township approves budgets for the general, special revenue and debt service funds. Amendments made during the fiscal year are reflected in the budget column of the appropriate financial statement. The budgets are prepared on a modified accrual basis.

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D. PROPERTY TAXES

The Township property tax is levied each December 1 on the taxable valuation of property located in the Township as of the preceding December 31. Taxable values are established annually by the county and are equalized by the state. Real and personal property in the Township for the 2022 levy (which reflects tax revenues for the December 31, 2023 fiscal year) was assessed at the adjusted taxable value shown below. Taxes are due and payable by February 28. Delinquent real and personal property taxes are returned to the County Treasurer for collection. The 2023 levy (which reflects tax revenues for the December 31, 2022 fiscal year) is also shown for comparative purposes below.

Taxable Value	2022	2023
General Township	$ 786,619,251	$ 838,384,598

Millage Rates	2022	2023
General township operations	0.7990	0.7990
Police	2.7146	2.7146
Fire	3.4549	3.4549
Total millage	6.9685	6.9685

E. CAPITAL ASSETS

Under GASB standards, all capital assets, whether owned by governmental activities or business-type activities, are recorded and depreciated in the government-wide financial statements. No long-term capital assets or depreciation are shown in the governmental funds' financial statements.

Capital assets are defined as assets with an initial, individual cost of more than $5,000 and an estimated useful life greater than one year. Land is considered a capital asset regardless of initial cost. Capital assets are recorded at cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at the estimated fair market value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized. Major improvements are capitalized and depreciated over the remaining useful lives of the related capital assets.

Capital assets are depreciated using the straight-line method over the following estimated useful lives:

Buildings, structures and improvements	10 to 50 years
Machinery and equipment	5 to 40 years

Any capital assets transferred between funds are transferred at their net book value (cost less accumulated depreciation), as of the date of the transfer.

F. MANAGEMENT ESTIMATES

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

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NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

G. RISK MANAGEMENT

The Township is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The Township maintains commercial insurance coverage covering each of those risks of loss. Management believes such coverage is sufficient to preclude any significant uninsured losses to the Township. Settled claims have not exceeded this commercial coverage in any of the past three fiscal years.

H. DEFINED PENSION BENEFIT PLAN

For purposes of measuring the Net Pension Liability, deferred outflows of resources related to pensions, deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Municipal Employees Retirement System (MERS) of Michigan and additions to/deductions from MERS' fiduciary net position have been determined on the same basis as they are reported by MERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

I. FUND EQUITY

Under Governmental Accounting Standards Board (GASB) standards in the fund financial statements, governmental funds report the following components of fund balance:

- Nonspendable - Amounts that are not in spendable form or are legally or contractually required to be maintained intact.
- Restricted - Amounts that are legally restricted by outside parties, constitutional provisions, or enabling legislation for use for a specific purpose.
- Committed - Amounts that have been formally set aside by the Township board for use for specific purposes. Commitments are made and can be rescinded only via resolution of the Township Board.
- Assigned - Intent to spend resources on specific purposes expressed by the Township Board; or Supervisor, Clerk, and Treasurer; who are authorized by policy approved by the Township Board to make assignments. All current year assignments have been made by the Township Board.
- Unassigned - Amounts that do not fall into any other aforementioned category. This is the residual classification for amounts in the General Fund and represents fund balance that has not been assigned to other funds and has not been restricted, committed, or assigned to specific purposes in the General Fund. In other governmental funds, only negative unassigned amounts are reported, if any, and represent expenditures incurred for specific purposes exceeding the amounts previously restricted, committed, or assigned to those purposes.

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NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

J. DEFERRED OUTFLOWS AND DEFERRED INFLOWS

Under GASB standards, the Township is reporting two sections in the Statement of Net Position (Government Wide Statement) and in the Balance Sheet (Fund Statement), which are called *deferred outflows* (previously called *assets*) and *deferred inflows* (previously called *liabilities*).

These separate financial statement elements, which meet the definition of deferred outflows and inflows, are no longer considered assets or liabilities.

Deferred outflows of resources represent a consumption of net position that applies to a future period. The element will not be recognized as an expense and (or) expenditure until the time restriction is met.

For the year ended December 31, 2023, the Township records deferred outflows of resources on the Statement of Net Position relating to the Defined Benefit Pension plan net pension liability. Total deferred outflows of resources are shown below, with detailed activity available in Footnote # 9.

Deferred Outflows of Resources	
Pension related activities	$ 1,121,134

Deferred inflows of resources represent an acquisition of net position or fund balance that applies to a future period. The element will not be recognized as revenue until the time restriction is met.

For the year ended December 31, 2023, the Township records deferred inflows of resources on the Statement of Net Position relating to property taxes received or reported as receivables before the period in which the levy was to apply and differences in investment expectations versus actual. Property taxes levied in December 2023 will not be recognized as revenue until the year 2024. This type of transaction is listed on both the Statement of Net Position as well as the Balance Sheets under Fund Accounting:

Deferred Inflows of Resources	
Unavailable revenues - taxes	$ 5,913,898

NOTE 2 - DESCRIPTION OF REPORTING ENTITY

In accordance with Governmental Accounting Standards Board (GASB) standards, all funds, agencies, and activities of the Charter Township of Superior as the primary government have been included in the financial statements.

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NOTE 3 - INTERFUND BALANCES AND TRANSFERS

All interfund balances are short-term in character. Interfund balances will be disbursed and collected during the next reporting period. These amounts are reported as current assets and current liabilities in the governmental balance sheets. The amounts of interfund receivables and payables are as follows:

Fund	Interfund Receivables	Fund	Interfund Payables	Purpose
General Fund	$ 296	Fire Fund	$ 296	Reimbursement between funds
General Fund	80,538	Legal Defense Fund	80,538	Reimbursement between funds
General Fund	16	Parks Fund	16	Reimbursement between funds
General Fund	106	Utility Fund	106	Reimbursement between funds
General Fund	5,029	Payroll Fund	5,029	Reimbursement between funds
Fire Fund	8	Payroll Fund	8	Reimbursement between funds
Payroll Fund	13,295	General Fund	13,295	Reimbursement between funds
Payroll Fund	27,840	Fire Fund	27,840	Reimbursement between funds
Payroll Fund	3,024	Building Fund	3,024	Reimbursement between funds
Payroll Fund	1,882	Parks Fund	1,882	Reimbursement between funds
Payroll Fund	9,431	Utility Fund	9,431	Reimbursement between funds
Payroll Fund	20	General Fund	20	Reimbursement between funds
Utility Fund	53	Parks Fund	53	Reimbursement between funds
Total	$ 141,538	**Total**	$ 141,538	

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NOTE 4 - GOVERNMENTAL AND PROPRIETARY CAPITAL ASSETS

A summary of changes in governmental activity capital assets is as follows:

	Balance 1/1/2023	Additions	Deletions	Reclassifications	Balance 12/31/2023
Capital Assets Not Being Depreciated					
Land	$ 3,995,116	$	$	$	$ 3,995,116
Conservation easement	134,196				134,196
Construction in progress	190,942	291,747		(14,500)	468,189
Total non-depreciable	4,320,254	291,747		(14,500)	4,597,501
Capital Assets Being Depreciated					
Non-motorized Trails					
Harris road trail	238,169				238,169
Geddes #1 trail	581,411				581,411
Prospect pathway	432,384				432,384
Structures					
Parks	89,755				89,755
Buildings					
General	1,998,164	35,320		14,500	2,047,984
Fire	2,522,627	13,950			2,536,577
Law	70,195				70,195
Building Department	128,111				128,111
Parks	88,050				88,050
Vehicles					
General	24,163				24,163
Fire	2,588,805	52,048	(38,960)		2,601,893
Building Department	34,806				34,806
Parks	114,849				114,849
Equipment					
General	126,216				126,216
Fire	274,890	46,854			321,744
Law	5,945				5,945
Building Department	31,634				31,634
Parks	302,063		(26,671)		275,392
Total depreciable	9,652,237	148,172	(65,631)	14,500	9,749,278
Total capital assets	13,972,491	439,919	(65,631)		14,346,779
Accumulated depreciation	(4,932,356)	(320,633)	65,631		(5,187,358)
Governmental Funds Capital Assets, Net	$ 9,040,135	$ 119,286	$	$	9,159,421
Related long term debt outstanding at December 31, 2023					(2,050,000)
Capital assets, net related long term debt					$ 7,109,421

Depreciation expense is being recorded in the government-wide statement of activities based upon the activity utilizing the assets. The Township utilizes the straight line method to depreciate capital assets over their estimated useful lives. Depreciation expense was distributed to the various activities as follows:

General	$ 74,068
Fire	205,080
Law	2,382
Building department	10,904
Parks	28,199
Total	$ 320,633

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NOTE 4 - GOVERNMENTAL AND PROPRIETARY CAPITAL ASSETS (continued)

Construction in progress for governmental activity is described below:

Project	Project costs as of 1/1/2023	Costs incurred during 12/31/2023 fiscal year	Project completed and placed in service	Construction in progress remaining as of 12/31/2023	% Complete
Plymouth Road Pathway	$ 53,328	$ 63,613	$	$ 116,941	18.00%
Dixboro Schoolhouse Improvements	60,187	14,558		74,745	99.00%
2022 Sidewalk Repair Program	14,500		(14,500)		100.00%
Residential ADA Sidewalk Ramp Improvements	18,235	11,607		29,842	*
Geddes Road Pathway	31,993	59,467		91,460	*
Fire Station No. 1 Concrete Replacement	12,699	74,196		86,895	12.00%
MacArthur Pathway		8,267		8,267	16.00%
Fireman's Park Improvements		52,324		52,324	10.00%
Disconnect for Generator		7,715		7,715	50.00%
Totals	$ 190,942	$ 291,747	$ (14,500)	$ 468,189	

* These projects are in the design phase and as such, total project costs and estimated percent of completion figures are not available

A summary of changes in proprietary activity capital assets and depreciation for the Utility activity is as follows:

	Balance 1/1/2023	Additions	Deletions	Reclassifications	Balance 12/31/2023
Non-depreciable assets					
Land	$ 210,463	$	$	$	$ 210,463
Construction in progress	2,484,669	2,274,015		(4,719,629)	39,055
Total non-depreciable assets	2,695,132	2,274,015		(4,719,629)	249,518
Depreciable assets					
Building	3,434,386				3,434,386
Utility system	23,902,088	1,242,000	(217,838)	4,719,629	29,645,879
Equipment and improvements	294,592				294,592
Office improvements	125,975				125,975
Office equipment	73,300				73,300
Vehicles	665,544	9,408	(27,278)		647,674
Metering program	54,928		(9,008)		45,920
Total depreciable	28,550,813	1,251,408	(254,124)	4,719,629	34,267,726
Total capital assets	31,245,945	3,525,423	(254,124)		34,517,244
Less accumulated depreciation	(12,583,739)	(765,847)	86,499		(13,263,087)
Business type activities Capital assets, net	$ 18,662,206	$ 2,759,576	$ (167,625)	$	$ 21,254,157

Investment in capital assets, net of related debt for the Utility activity was calculated as follows:

Cost	$ 34,517,244
Accumulated depreciation	(13,263,087)
Related debt	(2,789,319)
Investment in capital assets, net of related debt	$ 18,464,838

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NOTE 4 - GOVERNMENTAL AND PROPRIETARY CAPITAL ASSETS (continued)

Construction in progress for proprietary activity for the Utility activity is described below:

Project	Project costs as of 1/1/2023	Costs incurred during 12/31/2023 fiscal year	Project completed and placed in service	Construction in progress remaining as of 12/31/2023	% Complete
Clark Road Lift Station	$ 2,427,525	$ 2,207,324	$ (4,634,849)	$	100.00%
Water System Master Plan	57,144	27,636	(84,780)		100.00%
Stamford Water Main Project		39,055		39,055	*
Totals	$ 2,484,669	$ 2,274,015	$ (4,719,629)	$ 39,055	

* This project is in the design phase and as such, total project costs and estimated percent of completion figures are not available

There was $1,242,000 of infrastructure added to the utility system by various developers throughout the Township as well as a snowplow purchased by the Township.

Depreciation for the systems, equipment, improvements, and software is charged as an expense against operations.

Accumulated depreciation is reported on the Proprietary Fund Statement of Net Position. Depreciation has been provided over the estimated useful lives using the straight-line method. The estimated useful lives are as follows:

Utility Systems	40 years
System Improvements	30 years
Building	30 years
Office Improvements	15 years
Equipment, Furniture, and Software	7 years

NOTE 5 - LEASES

The Township previously implemented the Governmental Accounting Standards Board (GASB) Standard No. 87, *Leases*, which is intended to improve the accounting and financial reporting of leases by governments.

This standard requires the recognition of lease assets and liabilities for leases that were previously classified as operating leases and recognized as inflows and outflows of resources based on the payment provisions of the contract. This standard requires a lessee to recognize a lease liability and right-to-use lease asset and requires a lessor to recognize a lease receivable and a deferred inflow of resources. The Township does not recognize leases with a term of 12 months or less ("short term leases") on the Statement of Net Position.

The Township has determined that this standard has no material impact on the Township's financial statement.

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NOTE 6 - LONG-TERM OBLIGATIONS

A. GOVERNMENTAL LONG-TERM OBLIGATIONS

- Accrued Compensated Absences – The Township has recorded a liability in the Statement of Net Position for compensated absences of the general, building, and fire funds. The policies regarding compensated absences are outlined in the Township's "Rules of Employment" and the "Township Fire Department Agreement".

- During 2003, the Township sold bonds totaling $3.5M (2003 General Obligation Capital Improvement Bonds), of which $1.5M was used to help finance the construction of a new fire hall and $2.0M was used for various water and sewer projects. The $1.5M was recorded as part of long-term debt under governmental activities. The $2M was recorded as a liability under business-type activities. In 2013, the Township issued refunding bonds to defease the 2003 General Obligation Capital Improvement Bonds. The payoff amount of the original 2003 bonds at time of defeasance was $1,002,857. The refunding bond issued amounted to $936,491 for the fire department. Interest is charged at 1% for years through 2017 and at 2% for years 2018 through 2023.

- During 2022, the Township sold refunding bonds to refund the land contract payable for a land conservation easement known as Rock Properties. The Bond has an initial principal amount of $2,160,000, bearing interest of 4.00% annually. The bond will be repaid in annual installments ranging from $110,000 to $190,000 over 15 years, maturing in the year ending December 31, 2037.

- During 2022, the Township sold refunding bonds with a bond premium of $81,695. The premium will be amortized using a straight-line method of the 15 year term of the related bond at a rate of $5,546 per year.

The following summarizes changes in the Township's governmental activity's long-term debt for 2023:

Description	Balance 1/1/2023	Additions	Deletions	Balance 12/31/2023	Due Within One Year
Bonds Payable					
2013 Refunding Bonds					
Fire	$ 102,864	$	$ (102,864)	$	$
2022 Refunding Bonds					
Rock Property	2,160,000		(110,000)	2,050,000	110,000
Total bonds payable	2,262,864		(212,864)	2,050,000	110,000
Bond Premium	76,249		(5,546)	70,703	5,546
Accrued Compensated Absences	578,507	8,600		587,107	
Accrued Interest	14,400	13,300	(14,400)	13,300	
Totals	$ 2,932,020	$ 21,900	$ (232,810)	$ 2,721,110	$ 115,546

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NOTE 6 - LONG-TERM OBLIGATIONS (continued)

The following is a schedule of future required principal and interest due from the Township's governmental activities:

	2022 Refunding Bonds Rock Property		
Year	Total	Principal	Interest
2024	$ 189,800	$ 110,000	$ 79,800
2025	190,300	115,000	75,300
2026	190,600	120,000	70,600
2027	190,700	125,000	65,700
2028	190,600	130,000	60,600
2029	190,300	135,000	55,300
2030	189,800	140,000	49,800
2031	194,000	150,000	44,000
2032	192,900	155,000	37,900
2033	191,600	160,000	31,600
2034	190,100	165,000	25,100
2035	193,300	175,000	18,300
2036	191,200	180,000	11,200
2037	193,800	190,000	3,800
	$ 2,679,000	$ 2,050,000	$ 629,000

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NOTE 6 - LONG-TERM OBLIGATIONS (continued)

B. BUSINESS-TYPE LONG-TERM OBLIGATIONS

The Township's business-type activities have two long-term debt obligations, which are as follows:

1. The 2013 Refunding Bonds were issued to pay off 2003 Capital Improvement Bonds used to finance Utility and Fire Department projects. The total cost of $2,185,000 is broken out by department as follows:

Fire Department	$ 936,491	42.86%
Sewer Department	1,248,509	57.14%
Total	$ 2,185,000	100.0%

The bonds were issued under the provisions of (a) Act 34, Public Acts of Michigan 2001, as amended, (b) Act 233 Public Acts of Michigan, 1955, as amended (collectively, the "Acts"). The bonds were issued for the purpose of refunding the Township's 2003 General Obligation Capital Improvement Bonds and paying the costs associated with issuing the bonds. Interest is charged at a rate of 1% in 2017 and 2% for years 2018 through 2023. This debt was completely paid off as of December 31, 2023.

2. The 2020 Capital Improvement Bonds were issued during the December 31, 2020 fiscal year to assist in the funding of Township capital improvement projects. Only $3,059,319 of the future $3,230,000 has been received. Interest will be charged at 2% per annum.

Description	Balance 1/1/2023	Additions	Deletions	Balance 12/31/2023	Due Within One Year
2013 Refunding Bonds Utility Payable	$ 137,136	$	$ (137,136)	$	$
2020 Capital Improvement Bonds	1,490,124	1,434,195	(135,000)	2,789,319	140,000
Totals	$ 1,627,260	$ 1,434,195	$ (272,136)	$ 2,789,319	$ 140,000

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NOTE 6 - LONG-TERM OBLIGATIONS (continued)

The following is a schedule of future required principal and interest due from the Township's business-type activities:

	2020 Capital Improvement Bonds		
Year	Total	Principal	Interest
2024	$ 197,800	$ 140,000	$ 57,800
2025	195,000	140,000	55,000
2026	197,150	145,000	52,150
2027	196,300	150,000	46,300
2028	191,300	145,000	46,300
2029-3033	979,750	795,000	184,750
2034-2038	976,350	875,000	101,350
2039-2041	587,300	570,000	17,300
Totals	$ 3,520,950	$ 2,960,000	$ 560,950

As of December 31, 2023, only $3,059,319 of available bonds have been used for the 2020 improvement project. However, the Utilities department expects to utilize the full available amount of $3,230,00 and has elected to report the full projected future debt schedule.

NOTE 7 - STATEMENT OF CASH FLOWS - ENTERPRISE FUND

Pursuant to the Governmental Accounting Standards Board (GASB) statement number 9, a statement of cash flows is presented. The purpose of the statement of cash flows is to explain the change in cash and cash equivalents during the year. For purposes of the statement of cash flows, the enterprise fund considers all investments to be cash equivalents due to the highly liquid nature of the investments.

The direct method was utilized to present cash flows from operations. The following is the beginning and ending balances for cash and cash equivalents:

	1/1/2023	12/31/2023
Unrestricted - operations		
Cash and investments	$ 4,463,867	$ 4,798,681

There is no restricted cash as of December 31, 2023.

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NOTE 8 - DEFINED CONTRIBUTION PENSION PLAN

History

The Township originally adopted a Defined Contribution Plan with Manulife in October 1967 which has since become John Hancock. The plan was set up as voluntary; however, to join the plan the employee had to contribute 5% of gross pay, the Township would then match with 10%. Eligible employees were all Union Firefighters, full time employees, the Fire Chief, Ordinance Officer, Supervisor, Clerk, Treasurer, Deputy Treasurer, and Trustees (employees also had to be at least 18 years of age). In October 1990, the Union Firefighters were moved into a MERS Defined Benefit pension plan. They were allowed to keep all their years of service and allowed to keep all their accumulated pension monies in the Manulife Plan. Their accounts with Manulife were switched to inactive status, and they can access this money upon separation from service from the Township.

In January 2004, the Township further amended the Defined Contribution Plan with John Hancock, when it approved a second MERS defined benefit plan for the non-union employees. This new MERS defined benefit plan became mandatory for all new hires that work full time. Existing employees as of January 1, 2004, were given the choice to either transfer to the new MERS Plan or remain in the John Hancock Plan (about 50% of the eligible employees moved to the new MERS Plan). The John Hancock employee accounts of the employees who switched to the new MERS Plan were withdrawn from John Hancock and deposited in the MERS Pension Plan. As of January 2004, the Township had three pension plans: the MERS Defined Benefit Plan for the Union firefighters referred to as MERS #1, the MERS Defined Benefit Plan for non-union employees referred to as MERS #2, and the John Hancock Defined Contribution Plan for all part time employees averaging at least 20 hours/week, trustees, and the full-time employees who decided to stay with John Hancock Plan at the January 2004 switchover.

John Hancock - (Adopted October 1967) a defined contribution plan for full-time employees only as defined above, regular part-time employees averaging 20 hours/week (including Fire Chief and Fire Marshall), and Trustees. Participation is voluntary with 5% contribution required to participate, and a 10% matching contribution from the Township. Plan vests after 20 months of plan participation, normal retirement age 55. New employees that opt out of the John Hancock plan, cannot join at a later date. The Fire Chief has a contract for part time services which excludes him from eligibility for any Township benefits.

The following summarizes that activity in the John Hancock defined contribution plan for 2023:

Total value January 1, 2023		$ 785,986
Contributions/Investment returns		
Employee contributions	$ 14,288	
Employer contributions	28,292	
Forfeitures	(2,568)	
Net gain/(loss) for 2023	118,352	
Total contributions/investment returns		158,364
Withdrawals		(133,382)
Total value December 31, 2023		$ 810,968

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NOTE 9 - DEFINED BENEFIT PLAN

Plan Description

The employer's defined benefit pension plan provides certain retirement, disability, and death benefits to plan members and beneficiaries. The employer participates in the Municipal Employees Retirement System (MERS) of Michigan. MERS is an agent multiple employer, statewide public employee pension plan established by the Michigan Legislature under Public Act 135 of 1945 and administered by a nine-member Retirement Board. MERS issues a financial report that includes financial statements and required supplementary information. This report may be obtained accessing the MERS website at www.mersofmich.com and is available to the public.

Description of Benefits

Benefits Provided

The defined benefit plan is comprised of two divisions, with Division 01 open to all full-time, non-union employees and Division 05 open to all union firefighters. The plan calls for benefits to be paid as 2.25% of the final average compensation with a maximum of 80% for both divisions. Final average compensation is calculated based on the employee's final 3 years wages for Division 01 and the employee's final 5 years wages for Division 05.

For Division 01, the plan has a vesting period of 6 years, with normal retirement at age 60, and early retirement eligible at age 55 with 15 years of service or age 50 with 25 years of service and reduced benefits.

For Division 05, the plan has a vesting period of 10 years, with normal retirement at age 60 and early retirement eligible age 50 with 25 years of service or age 55 with 15 years of service and reduced benefits.

Employees Covered by Benefit Terms

At the December 31, 2022 valuation date, the following employees were covered by the benefit terms:

	Division 01 Non-Union	Division 05 Union Fire
Inactive employees or beneficiaries currently receiving benefits	10	6
Inactive employees entitled to but not yet receiving benefits	8	3
Active employees	20	12
	38	21

Contributions

The Township is required to contribute amounts at least equal to the actuarially determined rate, as established by the MERS Retirement Board. The actuarially determined rate is the estimated amount necessary to finance the cost of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability.

The actuarially determined rate for the year ended December 31, 2023, was 15.78% of eligible wages, with total contributions of $258,410 for Division 01 and 20.28%, with total contributions of $304,020 for Division 05. The Township also requires employees to contribute 5.0% of eligible wages for Division 01 and 6.0% for Division 05 to fund the plan.

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NOTE 9 - DEFINED BENEFIT PLAN (continued)

Net Pension Liability

The employer's Net Pension Liability was rolled forward to December 31, 2023, and the total pension liability used to calculate the Net Pension Liability was determined by an annual actuarial valuation as of December 31, 2022.

Actuarial assumptions

The total pension liability in the December 31, 2022 annual actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation: 2.5%.
Salary Increases: 3.00% in the long term.
Investment rate of return: 7.00%, net of investment and administrative expense, including inflation.

Although no specific price inflation assumptions are needed for the valuation, the 3.00% long-term wage inflation assumption would be consistent with price inflation of 2.5%.

Mortality rates used were based on the RP-2014 Group Annuity Mortality Table of a 50% Male and Female blend.

The actuarial assumptions used in valuation were based on the results of the most recent actuarial experience study in 2014-2018.

The long-term expected rate of return on pension plan investments was determined using a model method in which the best-estimate ranges of expected future real rates of return (expected returns, net of investment and administrative expenses and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighing the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation		Target Allocation Gross Rate of Return		Long-Term Expected Real Rate of Return
Global Equity	60.00%	x	7.00%	=	4.20%
Global Fixed Income	20.00%	x	4.50%	=	0.90%
Private Investments	20.00%	x	9.50%	=	1.90%
					7.00%

Discount Rate

The discount rate used to measure the total pension liability is 7.25% for the 2022 valuation. The projection of cash flows used to determine the discount rate assumes that employer and employee contributions will be made at the rates agreed upon for employees and the actuarially determined rates for employers. Based on these assumptions, the pension plan's fiduciary net position was projected to be available to pay all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

NOTE 9 - DEFINED BENEFIT PLAN (continued)

Changes in Net Pension Liability

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a)-(b)
Balance at 12/31/2022	$ 11,057,411	$ 6,759,129	$ 4,298,282
Changes for the year			
Service Cost	368,696		368,696
Interest on Total Pension Liability	795,461		795,461
Changes in Benefits			
Difference between expected and actual experience	169,475		169,475
Changes in assumptions			
Employer Contributions		562,430	(562,430)
Employee Contributions		162,043	(162,043)
Net Investment Income		764,924	(764,924)
Benefit payments, including employee refunds	(539,742)	(539,742)	
Administrative expense		(16,181)	16,181
Other Changes	(62,570)		(62,570)
Net Changes	731,320	933,474	(202,154)
Balances as of 12/31/2023	$ 11,788,731	$ 7,692,603	$ 4,096,128

Sensitivity of the Net Pension Liability to changes in the discount rate

The following presents the Net Pension Liability of the employer, calculated using the discount rate of 7.25%, as well as what the employer's Net Pension Liability would be using a discount rate that is 1 percentage point lower (6.25%) or 1% higher (8.25%) than the current rate.

	1% Decrease 6.25%	Current Discount Rate 7.25%	1% Increase 8.25%
Net Pension Liability at 12/31/2023	$ 4,096,128	$ 4,096,128	$ 4,096,128
Change in Net Pension Liability (NPL) from change in discount rate	1,463,853		(1,219,370)
Calculated NPL	$ 5,559,981	$ 4,096,128	$ 2,876,758

Note: The current discount rate shown for GASB 68 purposes is higher than the MERS assumed rate of return. This is because for GASB purposes, the discount rate must be gross of administrative expenses, whereas for funding purposes, it is net of administrative expenses.

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NOTE 9 - DEFINED BENEFIT PLAN (continued)

Pension Expense and Deferred Outflows/Inflows of Resources Related to Pension

For the year ended December 31, 2023, the Township recognized pension expense of $806,484. The Township reported deferred outflows and deferred inflows related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences in investment expectations versus actual	$ 361,053	
Differences in experience	360,202	
Differences in actuarial assumptions	399,879	
Totals	$ 1,121,134	$

Amounts reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows:

Year Ended	Expense
2024	$ 385,597
2025	362,476
2026	392,920
2027	(19,859)
Total	$ 1,121,134

NOTE 10 - SEGMENT INFORMATION FOR ENTERPRISE FUND

The Township maintains a proprietary fund which is financed by user charges. Segment information as of December 31, 2023, follows:

	Utility System
Operating revenues	$ 4,784,626
Depreciation	765,847
Operating (loss)	(261,245)
Non-operating revenues and (expenses) net	1,415,595
Changes in net position	1,154,350
Current assets	5,928,593
Current liabilities	1,084,631
Net working capital	4,843,962
Total assets	27,182,750
Total liabilities	3,733,950
Net position	23,448,800

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NOTE 11 - POST EMPLOYMENT BENEFITS

In addition to the MERS Health Care Savings Plan described in Note 13, the Township also provides post-employment health care benefits to two (2) firefighters who retired prior to June 30, 2005. These two (2) firefighters are governed under the old retirement health care system as described in the union contracts for the fiscal years in which they retired (Firefighter Winters 2001 and Firefighter Dickinson January 2005). The benefit to these two (2) firefighters are: The Township pays 100% of the premium of whatever health insurance is in effect for the active firefighters and 50% of whatever Vision and Dental benefits are in effect for active firefighters (currently Vision Service Plan and Delta Dental). This is a lifelong benefit for these retired firefighters, and their spouses, if they were married to the spouse at the time of retirement. Firefighters who have retired from the Township after June 30, 2005, are not entitled to this benefit and were offered a legal buy-out for the loss of this benefit, indemnifying the Township of any claims to this benefit.

During 2023, the Township paid for the cost of covering these retirees. During the fiscal year 2023, the net cost of health care benefits for the retirees was $6,397, which was paid directly to the healthcare provider.

NOTE 12 - HSA PLAN

Beginning April 21, 2016, the Charter Township of Superior approved to purchase the Blue Cross Blue Shield Simply Blue HSA plan and the Township will pay a wellness incentive to employees to help offset the plan deductible. Wellness incentives for the year ended December 31, 2023, are $2,000 for individuals or $4,000 for families for non-union employees and $3,000 for individuals or $6,000 for families for union employees.

NOTE 13 - TAX ABATEMENTS

The Governmental Accounting Standards Board (GASB) approved GASB No. 77 “Tax Abatement Disclosures” relating to the required disclosure for tax abatement agreements. This standard requires the disclosure of a description of tax abatement agreements and the gross dollar amount of abated taxes relating to these agreements. The Township has no tax abatement agreements as of December 31, 2023.

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NOTE 14 - FUND BALANCE DESIGNATIONS

The following is a summary of all restricted and further broken down to designations of fund balances for all governmental fund types.

	Major Funds				Nonmajor Funds				
	General and Parks Fund	Fire Fund	Law Fund	ARPA Fund	Legal Defense Fund	Streetlight Fund	Side Street Maintenance Fund	Building Fund	Total
Nonspendable for:									
Prepaids	$ 40,117	$ 94,794	$ 1,200	$	$	$	$	919	$ 137,030
Restricted for:									
Fire protection									
General		1,218,982							1,218,982
Compensated absences		496,513							496,513
Truck replacement		12,084							12,084
Debt reserve		123,160							123,160
Building construction		471,876							471,876
Police protection			2,789,319						2,789,319
Public works						115,685	14,317		130,002
Legal defense					187,402				187,402
Tree preservation	247,500								247,500
Committed for:									
Building reserve	401,731								401,731
Capital improvement	2,550			8,424					10,974
Compensated absences	80,599							6,570	87,169
Non-motorized trails	30,659								30,659
Ordinance enforcement								626,068	626,068
Right of Way	18,195								18,195
Assigned for future budget deficits	504,773				5,850			138,225	648,848
Unassigned	1,513,613								1,513,613
Total designated	$ 2,839,737	$ 2,417,409	$ 2,790,519	$ 8,424	$ 193,252	$ 115,685	$ 14,317	$ 771,782	$ 9,151,125

The Fire, Law, SAD, Legal Defense and Side Street Maintenance Funds are all restricted by tax millages, assessments and grants (outside of the Township Board) for the respective fund activity. As shown above various amounts which are restricted to the respective fund activity are further segregated for specific purposes within the fund activity by the Township Board.

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NOTE 15 - DEPOSITS WITH FINANCIAL INSTITUTIONS AND INVESTMENTS

Michigan Compiled Laws, Section 129.91, authorizes the Township to deposit and invest in the accounts of Federally insured banks, credit unions, and savings and loan associations; bonds, securities, and other direct obligations of the United States, or any agency or instrumentality of the United States; United States government or Federal Agency obligation repurchase agreements; bankers' acceptance of United States banks; commercial paper rated by two standard rating agencies within the two highest classifications, which mature not more than 270 days after the date of purchase; obligations of the State of Michigan or its political subdivisions which are rated investment grade; and mutual funds composed of investment vehicles which are legal for direct investment by local units of government in Michigan. Financial institutions eligible for deposit of public funds must maintain an office in Michigan.

The investment policy adopted by the board in accordance with Public Act 196 of 1997 has authorized investments in all of the investments mentioned in the preceding paragraph.

As of December 31, 2023, cash and investments consist of the following:

	Total	Cash	Investments
Deposits			
Checking accounts	$ 11,325,198	$ 11,325,198	$
Money market accounts	1,298,597		1,298,597
Certificates of deposit	3,611,325	3,611,325	
US Treasury Securities	5,797,017		5,797,017
Total	$ 22,032,137	$ 14,936,523	$ 7,095,614

Cash and investments are presented in the financial statements in the following areas:

Statement of Net Position:	
Cash and investments	$ 15,458,344
Fiduciary Funds:	
Cash and investments	6,131,749
Total cash and investments	$ 21,590,093

The carrying amount of cash and investments is stated at $21,590,093 as of December 31, 2023. The difference between the carrying amounts and amounts mentioned above stem from cash on hand, outstanding checks, and outstanding deposits.

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NOTE 15 - DEPOSITS WITH FINANCIAL INSTITUTIONS AND INVESTMENTS (continued)

Deposits - Custodial Credit Risk

This is the risk that in the event of a bank failure, the Township will be able to recover its deposits. The Township evaluates each financial institution with which it deposits funds and assesses the level of risk of each institution; only those institutions with an acceptable estimated risk level are used as depositories.

As of December 31, 2023, deposits totaled $22,032,137, which was exposed to custodial credit risk as follows:

	Amount	%
Insured by FDIC	$ 1,024,775	5%
Uninsured and uncollateralized in banks	15,210,344	69%
Uninsured and uncollateralized - U.S. Treasury Securities	5,797,017	26%
	$ 22,032,137	100%

The Township's investment policy does not address this risk.

FDIC insurance is limited to the legal maximum of $250,000 per public unit for all time and savings deposits and $250,000 per public unit for all demand deposits.

NOTE 16 - MERS POST EMPLOYMENT HEALTH CARE SAVINGS PROGRAM

The Township adopted the MERS post-employment health care savings plan (HCSP) during 2005. The program is an employer sponsored program that allows employees to save money in an account that can be used for medical expenses and (or) health insurance premiums after termination of service.

All full-time employees (those with an average of 37.5 hours per week), are eligible to participate in the HCSP. The Township contributes to the plan on behalf of the eligible employees and requires the employees to contribute a percentage of pay, as described below. To make up for previous years of service, the Township created a compensation schedule with years of service for 15 - 25 years being weighted heavier than years 1 - 14. Based on this schedule, a lump sum was deposited in each employee's account by the Township. For each employee to receive the lump sum start-up money a signed release and settlement agreement releasing the Township from a previously adopted retirement health care program was completed by each employee.

For 2023, the Township contributed $300 per non-union employee and $400 per union employee per month to individual accounts, a total of $105,131 for all employees.

The Township requires employees to contribute a percentage of wages toward their account based on the employee's employment class. All employees hired prior to November 1, 2011, are in their own individual class. The required contributions range from a minimum of 2% of compensation to a maximum 15% of compensation within the various classes. Employees may choose between three options for wages used to calculate the contribution due; regular pay only, regular and overtime pay, or regular, overtime and longevity pay. Each employee may change the contribution percentage and covered wages once per year.

As of November 1, 2011, all newly hired employees are classified as one uniform employee class for all union new hires and one class for all non-union new hires. These two new classes of employees' contribution percentage will be reviewed annually in November and amended as necessary. Union employees elected to have 3% of all regular, overtime and longevity pay and non-union employees elected to have 3% of regular pay contributed for the year ended December 31, 2023.

NOTE 16 - MERS POST EMPLOYMENT HEALTH CARE SAVINGS PROGRAM (continued)

The Township contribution is subject to a vesting schedule as follows:

Employees service	Vested Percentage
Prior to six (6) years full time employment	0%
Six (6) years but less than nine (9) years full time employment	25%
Nine (9) years but less than twelve (12) years full time employment	50%
Twelve (12) years but less than fifteen (15) years full time employment	75%
Fifteen (15) or more years full time employment	100%

The mandated employee contributions are vested immediately and are withheld as pretax contributions.

All contributions are invested in the MERS portfolio and grow tax free. When an employee retires the savings account is available for tax free reimbursement of medical expenses and (or) health insurance premiums for employees, and spouses and dependents of employees.

NOTE 17 - AMERICAN RESCUE PLAN ACT (ARPA) GRANT ACTIVITY

Under the American Rescue Plan Act (ARPA), the Township has received a total of $1,501,403. These monies are from a pass-through grant from the federal government to the Michigan Department of Treasury. The Michigan Department of Treasury calculated the amounts to be allocated to the various local governments in Michigan. Each local government was required to elect to receive the monies in order to participate. Monies that would have gone to local governments who elected not to receive funds were reallocated to the local governments that chose to participate. The portion reallocated to the Charter Township of Superior was $3,010.

The following is a summary of ARPA activity for the 2021 through 2023 fiscal years:

Federal funds received in 2021	$	747,700
Net interest income and bank fees for 2021		10
Federal funds received in 2022		753,703
Net interest income and bank fees for 2022		1,442
Disbursements for 2022 (Firemen's Park engineering)		(9,765)
Net interest income and bank fees for 2023		7,272
Disbursements for 2023 (Firemen's Park engineering)		(30,466)
Disbursements for 2023 (Youth Arts Alliance)		(79,700)
Disbursements for 2023 (Mightly Oaks CLR Academy)		(59,500)
Disbursements for 2023 (Willow Run Acres)		(569)
Cash balance of ARPA funds as of 12/31/2023	**$**	**1,330,127**

Under Generally Accepted Accounting Principles, the amount of ARPA revenue recognized will be the same as the amount expended in each fiscal year. The remaining monies are considered unearned revenues and recorded as a liability on the balance sheet.

The Township Board has designated the remaining ARPA monies to various projects over the next few years. A list of those projects can be obtained from the Township offices.

NOTE 18 -NEWLY ADOPTED ACCOUNTING STANDARDS

GASB 96 – SUBSCRIPTION-BASED INFORMATION TECHNOLOGY ARRANGEMENT

In May 2020, GASB issued Statement No. 96, *Subscription-based Information Technology Arrangements*. This Statement provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset-an intangible asset – and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. To the extent relevant, the standards for SBITAs are based on the standards established in Statement No. 87, *Leases*, as amended.

The Township implemented this standard for the year ended December 31, 2023, and has determined that it has no materially recognizable SBITAs.

NOTE 19 - UPCOMING GASB PRONOUNCEMENTS

GASB 100 – ACCOUNTING CHANGES AND ERROR CORRECTIONS

In June 2022, the GASB Issued Statement No. 100, *Accounting Changes and Error Corrections, an amendment on GASB Statement No. 62*. This statement prescribes the accounting and financial reporting for (1) each type of accounting change and (2) error corrections. This statement requires that (a) changes in accounting principles and error corrections be reported retroactively by restating prior periods, (b) changes to or within the financial reporting entity be reported by adjusting beginning balances of the current period, and (c) changes in accounting estimates be reported prospectively by recognizing the change in the current period. The Township is currently evaluating the impact this standard will have on the financial statements when adopted during the 2024 fiscal year.

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NOTE 20 - UPCOMING GASB PRONOUNCEMENTS (continued)

In June 2022, the GASB issued Statement No. 101, *Compensated Absences*. This statement requires that liabilities for compensated absences be recognized for (1) leave that has been used and (2) leave that has been used but not yet paid in cash or settled through noncash means. A liability should be recognized for leave that has not been used if (a) the leave is attributable to services already rendered, (b) the leave accumulates, and (c) the leave is more likely than not to be used for time off or otherwise paid in cash or settled through noncash means. This statement also establishes guidance for measuring a liability for leave that has not been used, generally using an employee's pay rate as of the date of the financial statements. The Township is currently evaluating the impact this standard will have on the financial statements when adopted in the 2025 year.

OTHER GASB PRONOUNCEMENTS

The Governmental Accounting Standards Board (GASB) has issued other Standards with implementation dates upcoming in subsequent fiscal years. The Township has assessed the impact of these standards and does not believe they will have any material impact on the Township's financial statements.

NOTE 21 – SUBSEQUENT EVENTS

Subsequent events have been evaluated through June 4, 2024, the date the financial statements were available to be issued. Management has determined that the Township does not have any other material recognizable or non-recognizable events.

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REQUIRED SUPPLEMENTARY INFORMATION

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CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget Amount			Variance with Final Budget Favorable (Unfavorable)
	Original	Final	Actual	
REVENUES				
Taxes	$ 668,722	$ 668,722	$ 726,256	$ 57,534
Licenses and permits	195,000	195,000	186,715	(8,285)
Federal grants			470	470
State grants	1,592,039	1,592,039	1,737,686	145,647
Contributions from local units	100,000	83,000	7,977	(75,023)
Charges for services	25,200	25,000	340,803	315,803
Interest and rents	33,900	111,000	123,378	12,378
Other revenue	10,250	39,141	286,046	246,905
Total revenues	2,625,111	2,713,902	3,409,331	695,429
EXPENDITURES				
General government				
Township board	19,600	30,800	28,125	2,675
Supervisor	153,689	133,689	134,615	(926)
Treasurer	188,046	200,446	201,695	(1,249)
Clerk	196,524	197,524	197,601	(77)
Assessing equalization	237,887	239,387	249,501	(10,114)
Elections	163,900	3,400	1,731	1,669
Building and Grounds	68,250	65,250	59,840	5,410
Attorney	10,000	20,000	20,450	(450)
Other	625,915	643,744	652,239	(8,495)
Total general government	1,663,811	1,534,240	1,545,797	(11,557)
Public works	474,991	797,884	756,804	41,080
Community and economic development	86,268	91,868	408,216	(316,348)
Recreation and culture				
Administration	129,639	183,226	183,853	(627)
Recreation	25,401	27,501	25,026	2,475
Park maintenance	158,161	189,861	183,038	6,823
Unallocated	34,200	500		500
Total recreation and culture	347,401	401,088	391,917	9,171
Debt service		194,200	207,500	(13,300)
Total expenditures	2,572,471	3,019,280	3,310,234	(290,954)
Excess (deficiency) revenue over expenditures	52,640	(305,378)	99,097	404,475
OTHER FINANCING SOURCES/(USES)				
Transfers (out)	(53,557)	(23,696)		23,696
Net change in fund balance	(917)	(329,074)	99,097	428,171
FUND BALANCE, JANUARY 1, 2023	2,740,640	2,740,640	2,740,640	
FUND BALANCE, DECEMBER 31, 2023	$ 2,739,723	$ 2,411,566	$ 2,839,737	$ 428,171

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CHARTER TOWNSHIP OF SUPERIOR

FIRE FUND
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget Amount			Variance with Final Budget Favorable
	Original	Final	Actual	(Unfavorable)
REVENUES				
Taxes	$ 2,733,503	$ 2,729,278	$ 2,728,216	$ (1,062)
Federal grants	205,746	158,246	158,294	48
State grants	2,652	2,652	2,139	(513)
Charges for services	1,000	1,000		(1,000)
Interest and rents	3,000	133,100	118,347	(14,753)
Other revenue	1,000	18,000	20,786	2,786
Total revenues	2,946,901	3,042,276	3,027,782	(14,494)
EXPENDITURES				
Public safety	2,519,248	3,133,348	3,247,240	(113,892)
Debt service				
Principal	103,000	103,000	102,864	136
Interest	1,100	1,100	1,029	71
Total expenditues	2,623,348	3,237,448	3,351,133	(113,685)
Net change in fund balance	323,553	(195,172)	(323,351)	(128,179)
FUND BALANCE, JANUARY 1, 2023	2,740,760	2,740,760	2,740,760	
FUND BALANCE, DECEMBER 31, 2023	$ 3,064,313	$ 2,545,588	$ 2,417,409	$ (128,179)

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CHARTER TOWNSHIP OF SUPERIOR

LAW ENFORCEMENT FUND
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget Amount			Variance with Final Budget Favorable
	Original	Final	Actual	(Unfavorable)
REVENUES				
Taxes	$ 2,146,696	$ 2,144,302	$ 2,143,622	$ (680)
State grants	2,250	2,250	2,173	(77)
Charges for services	318,000	318,000	318,716	716
Fines and forfeits	10,000	12,000	13,225	1,225
Interest and rents	(1,774)	98,226	114,125	15,899
Other revenue	100	100		(100)
Total revenues	2,475,272	2,574,878	2,591,861	16,983
EXPENDITURES				
Public safety	1,965,095	1,912,205	1,799,916	112,289
Net change in fund balance	510,177	662,673	791,945	129,272
FUND BALANCE, JANUARY 1, 2023	1,998,574	1,998,574	1,998,574	
FUND BALANCE, DECEMBER 31, 2023	$ 2,508,751	$ 2,661,247	$ 2,790,519	$ 129,272

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CHARTER TOWNSHIP OF SUPERIOR

ARPA FUND
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget Amount			Variance with Final Budget Favorable
	Original	Final	Actual	(Unfavorable)
REVENUES				
Federal grants	$ 50,000	$ 500,000	$ 169,935	$ (330,065)
Interest and rents	60	60	7,327	7,267
Total revenues	50,060	500,060	177,262	(322,798)
EXPENDITURES				
General government	60	60	55	5
Parks and recereation	50,000	185,000	170,235	14,765
Total expenditures	50,060	185,060	170,290	14,770
Net change in fund balance		315,000	6,972	(308,028)
FUND BALANCE, JANUARY 1, 2023	1,452	1,452	1,452	
FUND BALANCE, DECEMBER 31, 2023	$ 1,452	$ 316,452	$ 8,424	$ (308,028)

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CHARTER TOWNSHIP OF SUPERIOR

REQUIRED SUPPLEMENTARY INFORMATION
DEFINED BENEFIT PENSION PLAN
SCHEDULE OF EMPLOYER CONTRIBUTIONS
FOR THE YEAR ENDED DECEMBER 31, 2023

Schedule of Employer Contributions

	For the Plan Year Ended								
	12/31/2023	12/31/2022	12/31/2021	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015
Actuarial determined contributions	$ 562,430	$ 513,605	$ 428,583	$ 343,704	$ 323,064	$ 257,074	$ 243,677	$ 208,778	$ 187,940
Contributions in relation to the actuarial determined contribution	562,430	513,605	428,583	343,704	323,064	257,074	243,677	208,778	187,940
Contribution (deficiency) excess	$	$	$	$	$	$	$	$	$
Covered employee payroll	$ 2,697,179	$ 2,348,774	$ 2,213,530	$ 2,080,582	$ 1,844,614	$ 1,720,936	$ 1,583,227	$ 1,621,846	$ 1,572,197
Contributions as a percentage of covered payroll	20.85 %	21.87 %	19.36 %	16.52 %	17.51 %	14.94 %	15.39 %	12.87 %	11.95 %

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, only information for those years for which information is available will be presented.

Notes to the Schedule of Employer Contributions

Actuarial cost method	Entry age
Amortization method	Level percentage of payroll, open
Remaining amortization period	16 years
Asset valuation method	5 years smoothed
Inflation	2.50%
Salary increases	3.00%
Investment rate of return	7.00%
Retirement age	Division 01: Age 60, early retirement at age 55 with 15 years of service or age 50 with 25 years of service with reduced benefits. Division 05: Age 60, early retirement at age 50 with 25 years of service or age 55 with 15 years of service with reduced benefits.
Mortality	50% Female/50% Male MP-2019 group Annuity Mortality Table

Previous Actuarial Methods and Assumptions

A ten-year smoothed asset valuation method was used for the time period of 2005 through 2015.

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CHARTER TOWNSHIP OF SUPERIOR

REQUIRED SUPPLEMENTARY INFORMATION
DEFINED BENEFIT PENSION PLAN
SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS
FOR THE YEAR ENDED DECEMBER 31, 2023

	For the Plan Year Ended								
	12/31/2023	12/31/2022	12/31/2021	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015
TOTAL PENSION LIABILITY									
Service Cost	$ 368,696	$ 295,839	$ 264,925	$ 248,262	$ 220,760	$ 204,939	$ 187,817	$ 185,852	$ 171,059
Interest	795,461	739,844	690,029	629,872	634,256	597,127	574,515	531,168	505,344
Changes in benefit terms									
Differences between expected and actual experience	169,475	284,586	41,228	186,896	(12,135)	132,291	(60,111)	138,559	
Changes of assumptions		430,356	234,441	239,448				285,083	
Benefit payments, including refunds of employee contributions	(539,742)	(589,080)	(499,436)	(504,709)	(471,235)	(423,572)	(405,961)	(362,555)	(349,525)
Other changes	(62,570)	14,459	(46,376)	(19,181)	(9,078)	(30,745)	(13,371)	(14,343)	(14,745)
Net change in total pension liability	731,320	1,176,004	684,811	780,588	362,568	480,040	282,889	763,764	312,133
TOTAL PENSION LIABILITY - BEGINNING	11,057,411	9,881,407	9,196,596	8,416,008	8,053,440	7,573,400	7,290,511	6,526,747	6,214,614
TOTAL PENSION LIABILITY - ENDING	$ 11,788,731	$ 11,057,411	$ 9,881,407	$ 9,196,596	$ 8,416,008	$ 8,053,440	$ 7,573,400	$ 7,290,511	$ 6,526,747

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CHARTER TOWNSHIP OF SUPERIOR

REQUIRED SUPPLEMENTARY INFORMATION
DEFINED BENEFIT PENSION PLAN
SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS (continued)
FOR THE YEAR ENDED DECEMBER 31, 2023

	For the Plan Year Ended								
	12/31/2023	12/31/2022	12/31/2021	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015
PLAN FIDUCIARY NET POSITION									
Contributions - employer	562,430	513,605	428,583	343,703	323,064	257,074	243,677	208,778	187,940
Contributions - employee	162,043	149,519	131,740	117,461	117,023	99,482	97,044	89,336	86,207
Net investment income	764,924	(778,379)	924,013	750,073	701,819	(213,390)	644,352	505,591	(68,734)
Benefit payments, including refunds of employee contributions	(539,742)	(589,080)	(499,436)	(504,709)	(471,235)	(423,572)	(405,961)	(362,555)	(349,525)
Administrative Expenses	(16,181)	(13,967)	(10,599)	(11,724)	(12,098)	(10,555)	(10,196)	(9,975)	(10,063)
Net change in plan fiduciary net position	933,474	(718,302)	974,301	694,804	658,573	(290,961)	568,916	431,175	(154,175)
PLAN FIDUCIARY NET POSITION, BEGINNING	6,759,129	7,477,431	6,503,130	5,808,326	5,149,753	5,440,714	4,871,798	4,440,623	4,594,798
PLAN FIDUCIARY NET POSITION, ENDING	$ 7,692,603	$ 6,759,129	$ 7,477,431	$ 6,503,130	$ 5,808,326	$ 5,149,753	$ 5,440,714	$ 4,871,798	$ 4,440,623
NET PENSION LIABILITY (TOTAL PENSION LIABILITY - PLAN FIDUCIARY NET POSITION)	$ 4,096,128	$ 4,298,282	$ 2,403,976	$ 2,693,466	$ 2,607,682	$ 2,903,687	$ 2,132,686	$ 2,418,713	$ 2,086,124
Plan fiduciary net position as a percentage of the total pension liability	65.25%	61.13%	75.67%	70.71%	69.02%	63.94%	71.84%	66.82%	68.04%
Covered employee payroll	$ 2,697,179	$ 2,348,774	$ 2,213,530	$ 2,080,582	$ 1,844,614	$ 1,720,936	$ 1,583,227	$ 1,621,846	$ 1,572,197
Net pension liability as a percentage of covered employee payroll	151.87%	183.00%	108.60%	129.46%	141.37%	168.73%	134.71%	149.13%	132.69%

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, only information for those years for which information is available will be presented.

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SUPPLEMENTARY INFORMATION

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COMBINING FINANCIAL STATEMENTS

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CHARTER TOWNSHIP OF SUPERIOR

ALL FUNDS INCLUDED IN GASB 54 GENERAL FUND CONSOLIDATION
COMBINING BALANCE SHEET
DECEMBER 31, 2023

	General Fund Pre GASB 54 Consolidation	Parks and Recreation Fund	Trust and Agency Fund	Eliminations	Totals Restated General Fund
ASSETS					
Cash and investments	$ 1,526,035	$ 646,544	$ 426,644	$	$ 2,599,223
Receivables:					
Taxes	617,887				617,887
State shared revenue	272,949				272,949
Due from other funds	143,833			(16)	143,817
Other	485,759				485,759
Prepaid expenditures	29,376	10,741			40,117
Total assets	3,075,839	657,285	426,644	(16)	4,159,752
LIABILITIES					
Accounts payable	146,941	11,264	251,197		409,402
Accrued wages	25,162	7,881			33,043
Accrued interest payable	13,300	325			13,625
Accrued compensated absences	3,979				3,979
Unearned revenues			175,447		175,447
Due to other funds	13,315	1,951		(16)	15,250
Total liabilities	202,697	21,421	426,644	(16)	650,746
DEFERRED INFLOWS OF RESOURCES					
Unavailable revenue	669,269				669,269
FUND BALANCES					
Nonspendable for prepaids	29,376	10,741			40,117
Restricted	247,500				247,500
Committed:					
Building reserve		401,731			401,731
Capital improvement		2,550			2,550
Compensated absences	61,042	19,557			80,599
Non-motorized trails	30,659				30,659
Right of Way	18,195				18,195
Assigned for future budget deficits	499,773	5,000			504,773
Unassigned	1,317,328	196,285			1,513,613
Total fund balances	2,203,873	635,864			2,839,737
Total liabilities, deferred inflows of resources and fund balances	$ 3,075,839	$ 657,285	$ 426,644	$ (16)	$ 4,159,752

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CHARTER TOWNSHIP OF SUPERIOR

ALL NONMAJOR FUNDS
COMBINING BALANCE SHEET
DECEMBER 31, 2023

	Legal Defense Fund	Streetlight Fund	Side Street Maintenance Fund	Building Fund	Totals
ASSETS					
Cash and investments	$ 274,360	$ 36,577	$ 14,317	$ 783,766	$ 1,109,020
Special assessments receivable		87,412	23,517		110,929
Prepaid expenditures				919	919
Total assets	$ 274,360	$ 123,989	$ 37,834	$ 784,685	$ 1,220,868
LIABILITIES					
Accounts payable	$ 570	$ 8,304	$	$ 1,554	$ 10,428
Accrued wages				7,283	7,283
Accrued compensated absences				1,042	1,042
Unearned revenue			23,517		23,517
Due to other funds	80,538			3,024	83,562
Total liabilities	81,108	8,304	23,517	12,903	125,832
FUND BALANCE					
Nonspendable for:					
Prepaids				919	919
Restricted for:					
Public works		115,685	14,317		130,002
Legal defense	187,402				187,402
Committed for:					
Compensated absences				6,570	6,570
Ordinance enforcement				626,068	626,068
Assigned for future budget deficit	5,850			138,225	144,075
Total fund equity	193,252	115,685	14,317	771,782	1,095,036
Total liabilities and fund equity	$ 274,360	$ 123,989	$ 37,834	$ 784,685	$ 1,220,868

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CHARTER TOWNSHIP OF SUPERIOR

ALL AGENCY FUNDS
COMBINING BALANCE SHEET
DECEMBER 31, 2023

	Current Tax Fund	Payroll Fund	Totals
ASSETS			
Cash and investments	$ 6,107,292	$ 24,457	$ 6,131,749
Due from other funds		55,472	55,472
Total assets	$ 6,107,292	$ 79,929	$ 6,187,221
LIABILITIES			
Due to others	$ 6,015,595	$ 74,892	$ 6,090,487
Due to other funds	91,697	5,037	96,734
Total liabilities	$ 6,107,292	$ 79,929	$ 6,187,221

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CHARTER TOWNSHIP OF SUPERIOR

ALL FUNDS INCLUDED IN GASB 54 GENERAL FUND CONSOLIDATION
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
FOR THE YEAR ENDED DECEMBER 31, 2023

	General Fund Pre GASB 54 Consolidation	Parks and Recreation Fund	Trust and Agency Fund	Eliminations	Total Restated General Fund
REVENUES					
Taxes	$ 726,256	$	$	$	$ 726,256
Licenses and permits	186,715				186,715
Federal grants		470			470
State grants	1,737,686				1,737,686
Contributions from local units	7,977				7,977
Charges for services	25,780		315,023		340,803
Interest and rents	98,953	24,425			123,378
Other revenue	284,477	1,569			286,046
Total revenues	3,067,844	26,464	315,023		3,409,331
EXPENDITURES					
General government	1,517,055				1,517,055
Public works	593,141				593,141
Community and economic development	93,193		315,023		408,216
Recreation and culture		391,917			391,917
Capital outlay					
General government	192,405				192,405
Debt service					
Debt - principal	110,000				110,000
Debt - interest	97,500				97,500
Total expenditures	2,603,294	391,917	315,023		3,310,234
Excess of revenues over (under) expenditures	464,550	(365,453)			99,097
OTHER FINANCING SOURCES (USES)					
Transfers in		401,284		(401,284)	
Transfers (out)	(401,284)			401,284	
Total other financing sources (uses)	(401,284)	401,284			
Net change in fund balance	63,266	35,831			99,097
FUND BALANCE, JANUARY 1, 2023	2,140,607	600,033			2,740,640
FUND BALANCE, DECEMBER 31, 2023	$ 2,203,873	$ 635,864	$	$	$ 2,839,737

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CHARTER TOWNSHIP OF SUPERIOR

ALL NONMAJOR FUNDS
COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
FOR THE YEAR ENDED DECEMBER 31, 2023

	Legal Defense Fund	Streetlight Fund	Side Street Maintenance Fund	Building Fund	Totals
REVENUES					
Special assessments	$	$ 87,412	$ 23,517	$	$ 110,929
Charges for services				296,822	296,822
Interest and rents	12,898	1,073	396	31,227	45,594
Miscellaneous				41	41
Total revenues	12,898	88,485	23,913	328,090	453,386
EXPENDITURES					
General government	15,399				15,399
Public works		88,818			88,818
Community and economic development			24,700	395,272	419,972
Capital outlay:					
General government	30,000				30,000
Total expenditures	45,399	88,818	24,700	395,272	554,189
Net change in fund balance	(32,501)	(333)	(787)	(67,182)	(100,803)
FUND BALANCE, JANUARY 1, 2023	225,753	116,018	15,104	838,964	1,195,839
FUND BALANCE, DECEMBER 31, 2023	$ 193,252	$ 115,685	$ 14,317	$ 771,782	$ 1,095,036

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INDIVIDUAL FUNDS

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GENERAL FUND

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CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
REVENUES			
Taxes	$ 668,722	$ 726,256	$ 57,534
Licenses and permits	195,000	186,715	(8,285)
State grants	1,592,039	1,737,686	145,647
Contributions from local units	83,000	7,977	(75,023)
Charges for services	25,000	25,780	780
Interest and rents	90,000	98,953	8,953
Other revenue	36,641	284,477	247,836
Total revenues	2,690,402	3,067,844	377,442
EXPENDITURES			
General government	1,534,240	1,545,797	(11,557)
Public works	797,884	756,804	41,080
Community and economic development	91,868	93,193	(1,325)
Debt service - Principal	110,000	110,000	
Debt service - Interest	84,200	97,500	(13,300)
Total expenditures	2,618,192	2,603,294	14,898
Excess of revenues over (under) expenditures	72,210	464,550	392,340
OTHER FINANCING SOURCES (USES)			
Transfers (out)	(401,284)	(401,284)	
Net change in fund balance	(329,074)	63,266	392,340
FUND BALANCE, JANUARY 1, 2023	2,140,607	2,140,607	
FUND BALANCE, DECEMBER 31, 2023	$ 1,811,533	$ 2,203,873	$ 392,340

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This supplementary information shows the General Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF REVENUES - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
REVENUES			
Taxes			
Payment in lieu of taxes	$ 875	$ 873	$ (2)
Trailer home fees	4,500	5,739	1,239
Property taxes	663,347	719,644	56,297
Total taxes	668,722	726,256	57,534
Licenses and permits			
Cable franchise fees	195,000	186,715	(8,285)
State grants			
State shared revenue	1,579,939	1,652,625	72,686
Other state aid grants	12,100	85,061	72,961
Total state grants	1,592,039	1,737,686	145,647
Contributions from local units			
CTAP grant	83,000	7,977	(75,023)
Charges for services			
General charges for services	25,000	25,780	780
Interest and rents			
Interest income	23,000	25,273	2,273
Cell tower	35,000	33,151	(1,849)
Investment earnings	32,000	40,529	8,529
Total interest and rents	90,000	98,953	8,953
Other revenue			
Reimbursements and refunds	23,091	23,186	95
Public contributions	5,500	253,000	247,500
Other income	8,050	8,291	241
Total other revenue	36,641	284,477	247,836
Total revenues	$ 2,690,402	$ 3,067,844	$ 377,442

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CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
EXPENDITURES			
General government			
Township board	$ 30,800	$ 28,125	$ 2,675
Supervisor	133,689	134,615	(926)
Treasurer	200,446	201,695	(1,249)
Clerk	197,524	197,601	(77)
Assessing equalization	239,387	249,501	(10,114)
Elections	3,400	1,731	1,669
Building and grounds	65,250	59,840	5,410
Attorney	20,000	20,450	(450)
All other general government	643,744	652,239	(8,495)
Total general government	1,534,240	1,545,797	(11,557)
Public works			
Infrastructure	674,246	631,181	43,065
Sanitation	23,600	24,136	(536)
Public transportation	100,038	101,487	(1,449)
Total public works	797,884	756,804	41,080
Community and economic development			
Planning and zoning	91,868	93,193	(1,325)
Debt service			
Debt - principal	110,000	110,000	
Debt - interest	84,200	97,500	(13,300)
Total debt service	194,200	207,500	(13,300)
Total expenditures	$ 2,618,192	$ 2,603,294	$ 14,898

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This supplementary information shows the General Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL (continued)
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
GENERAL GOVERNMENT			
Township board			
Salaries	$ 30,450	$ 28,100	$ 2,350
Training	250	25	225
Professional services	100		100
Total township board	30,800	28,125	2,675
Supervisor			
Salaries	96,505	96,505	
Assistant salary	29,884	30,736	(852)
Taxable benefits	7,300	7,226	74
Supplies		148	(148)
Total supervisor	133,689	134,615	(926)
Treasurer			
Salaries	87,193	87,193	
Other salaries	90,710	89,884	826
Training	4,000	3,299	701
Taxable benefits	15,693	15,650	43
Supplies	1,700	3,711	(2,011)
Printing and publishing	1,000	1,859	(859)
Memberships and dues	150	99	51
Total treasurer	200,446	201,695	(1,249)
Clerk			
Salary	87,193	87,193	
Other salaries	97,884	98,027	(143)
Training	1,500	1,090	410
Taxable benefits	9,447	10,503	(1,056)
Supplies	1,500	788	712
Total clerk	197,524	197,601	(77)

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CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL (continued)
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
Assessing equalization			
Salaries	200,833	212,629	(11,796)
Contract services	2,000	1,685	315
Training	500	426	74
Taxable benefits	32,254	32,085	169
Supplies	1,000	449	551
Telephone	600	607	(7)
Transportation	200	9	191
Meals and lodging	500	354	146
Memberships and dues	1,500	1,257	243
Total assessing equalization	239,387	249,501	(10,114)
Elections			
Salaries	400	360	40
Supplies and postage	3,000	1,371	1,629
Total elections	3,400	1,731	1,669
Buildings and grounds			
Contract services	24,250	25,574	(1,324)
Operating supplies	4,000	3,307	693
Utilities	12,000	12,995	(995)
Repairs and maintenance	20,000	19,539	461
Expense allocation	(15,000)	(15,000)	
Building improvements	20,000	13,425	6,575
Total buildings and grounds	65,250	59,840	5,410
Attorney			
Professional services	20,000	20,450	(450)

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CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL (continued)
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
All other general government			
Training		123	(123)
Administration postage	15,000	15,060	(60)
Administration operating supplies	4,000	4,752	(752)
Cemetery upkeep	1,500	1,500	
Professional services	111,230	114,337	(3,107)
Telephone	12,000	11,619	381
Insurance and bonds	17,000	19,110	(2,110)
Transportation	6,000	6,909	(909)
Meals and lodging	1,000	1,428	(428)
Printing and publishing	15,000	15,179	(179)
Expense allocation	(15,000)	(15,000)	
Meals on Wheels	10,000	10,000	
Equipment rental	8,000	7,016	984
Memberships and dues	23,150	23,143	7
Bank charges	2,000	190	1,810
Equipment	8,000	9,676	(1,676)
Miscellaneous	500	85	415
Tax Chargebacks	600	68	532
Accounting Salaries	125,842	129,201	(3,359)
Accounting taxable benefits	8,048	8,047	1
Accounting supplies	2,000	1,497	503
Accounting expense allocation	(46,000)	(46,000)	
Unallocated FICA	77,860	78,619	(759)
Unallocated medical insurance	85,460	84,877	583
Unallocated dental insurance	9,502	9,436	66
Unallocated vision insurance	3,274	2,414	860
Unallocated life insurance	1,730	1,745	(15)
Unallocated HSA administration fees	258	242	16
Unallocated HCSP	19,870	25,021	(5,151)
Unallocated pension expense	135,920	131,945	3,975
Total all other general government	643,744	652,239	(8,495)
TOTAL GENERAL GOVERNMENT	1,534,240	1,545,797	(11,557)

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This supplementary information shows the General Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL (continued)
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
PUBLIC WORKS			
Infrastructure			
Master plan revisions	21,000	21,365	(365)
Geddes Ridge drain maintenance	29,650	29,637	13
Special projects	100,000	96,955	3,045
Ypsilanti district library	120,000	115,816	4,184
Pathway	184,000	139,685	44,315
Salaries	6,803	4,329	2,474
Contract services	20,750	18,600	2,150
Supplies	500	64	436
Road maintenance	150,000	167,676	(17,676)
Other maintenance	20,000	17,038	2,962
Streetlights	6,543	6,543	
Drains	15,000	13,473	1,527
Total infrastructure	674,246	631,181	43,065
Sanitation			
Recycling	10,000	10,378	(378)
Garbage and yard waste tags	11,600	11,522	78
Dump usage collection	2,000	2,236	(236)
Total sanitation	23,600	24,136	(536)
Public transportation			
A.A.T.A. contract	63,347	64,326	(979)
Demand response	22,819	23,088	(269)
New buses	13,872	14,073	(201)
Total public transportation	100,038	101,487	(1,449)
TOTAL PUBLIC WORKS	797,884	756,804	41,080

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This supplementary information shows the General Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

CHARTER TOWNSHIP OF SUPERIOR

GENERAL FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL (continued)
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
COMMUNITY AND ECONOMIC DEVELOPMENT			
Planning and zoning			
Salaries	65,384	66,914	(1,530)
Taxable benefits	9,734	9,926	(192)
Supplies	1,750	794	956
Professional services	15,000	15,559	(559)
Total planning and zoning	91,868	93,193	(1,325)
TOTAL COMMUNITY AND ECONOMIC DEVELOPMENT	91,868	93,193	(1,325)
DEBT SERVICE			
Debt - principal	110,000	110,000	
Debt - interest	84,200	97,500	(13,300)
TOTAL DEBT SERVICE	194,200	207,500	(13,300)
Total expenditures	$ 2,618,192	$ 2,603,294	$ 14,898

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This supplementary information shows the General Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

PARKS AND RECREATION FUND

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CHARTER TOWNSHIP OF SUPERIOR

PARKS AND RECREATION FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
REVENUES			
Federal grants	$	$ 470	$ 470
Interest and rents	21,000	24,425	3,425
Other revenue	2,500	1,569	(931)
Total revenues	23,500	26,464	2,964
EXPENDITURES			
Administration	183,226	183,853	(627)
Maintenance and improvement	190,361	183,038	7,323
Recreation	27,501	25,026	2,475
Total expenditures	401,088	391,917	9,171
Excess of revenues over (under) expenditures	(377,588)	(365,453)	12,135
OTHER FINANCING SOURCES (USES)			
Transfers in	401,284	401,284	
Transfers (out)	(23,696)		23,696
Total other financing sources (uses)	377,588	401,284	23,696
Net change in fund balance		35,831	12,135
FUND BALANCE, JANUARY 1, 2023	600,033	600,033	
FUND BALANCE, DECEMBER 31, 2023	$ 600,033	$ 635,864	$ 12,135

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This supplementary information shows the Parks and Recreation Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

CHARTER TOWNSHIP OF SUPERIOR

PARKS AND RECREATION FUND (PRE GASB 54 - RESTATEMENT)
STATEMENT OF EXPENDITURES - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
EXPENDITURES			
ADMINISTRATION			
Salaries	$ 138,289	$ 142,157	$ (3,868)
Training	1,200	1,686	(486)
Taxable benefits	15,400	15,406	(6)
Supplies	1,100	581	519
Professional services	4,700	3,122	1,578
Telephone	1,500	928	572
Insurance and bonds	11,487	11,011	476
Transportation	1,400	1,524	(124)
Office rent	6,000	6,000	
Printing and publishing	500	410	90
Repairs and maintenance	500	467	33
Membership and dues	650	500	150
Miscellaneous	500	61	439
Total administration	183,226	183,853	(627)
RECREATION			
Salaries	16,241	15,433	808
Taxable benefits	200		200
Supplies	3,500	3,762	(262)
Professional services	5,000	4,571	429
Telephone	660		660
Miscellaneous	1,900	1,260	640
Total recreation	27,501	25,026	2,475
MAINTENANCE AND IMPROVEMENTS			
Salaries	137,908	137,041	867
Training	700	625	75
Taxable benefits	986	985	1
Supplies	5,600	4,386	1,214
Uniforms	1,000	446	554
Fuel and lubricants	6,500	6,167	333
Conrolled burns	4,500	4,500	
Professional services	2,500	1,825	675
Telephone	660	204	456
Utilities	950	466	484
Repair and Maintenance	23,900	21,283	2,617
Equipment	5,157	5,110	47
Total maintenance and improvements	190,361	183,038	7,323
Total expenditures	401,088	391,917	9,171

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This supplementary information shows the Parks and Recreation Fund prior to the implementation of GASB 54, and as such does not present the results on the basis of generally accepted accounting principles but is presented solely for supplemental information.

UTILITY FUND

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CHARTER TOWNSHIP OF SUPERIOR

UTILITY FUND
SCHEDULE OF OPERATIONS - BUDGET AND ACTUAL
FOR THE YEAR ENDED DECEMBER 31, 2023

	Budget	Actual	Variance Favorable (Unfavorable)
REVENUES			
Charges for services	$ 4,687,500	$ 4,764,419	$ 76,919
Interest income		110,078	110,078
Meter sales	20,000	20,207	207
Tap-in fees		237,200	237,200
New customer installation fees	500	15,928	15,428
Other	7,000	11,716	4,716
Total revenues	4,715,000	5,159,548	444,548
EXPENSES			
Water and sewer purchases	2,702,000	2,660,474	41,526
Salaries	618,927	699,597	(80,670)
Taxable benefits	58,826	72,483	(13,657)
Payroll taxes	51,848	50,159	1,689
Insurance benefits	218,866	160,658	58,208
Pension expense	93,480	91,428	2,052
Repairs and maintenance - administration building	6,550	9,372	(2,822)
Computer services and supplies	30,000	15,488	14,512
Supplies	3,000	4,686	(1,686)
Utilities	6,600	7,379	(779)
Telecommunications	12,000	13,991	(1,991)
Leased equipment	13,000	11,283	1,717
Cleaning services	5,000	5,844	(844)
Lift and booster station expense	47,000	39,460	7,540
Maintenance facility expense	106,300	102,675	3,625
System repairs and maintenance	49,000	75,474	(26,474)
Professional fees	47,050	23,898	23,152
Employee expense	10,450	11,185	(735)
Meters and supplies	100,000	118,433	(18,433)
Fuel	12,000	10,426	1,574
Insurance and bonds	62,000	43,458	18,542
Bad debt expense		12,877	(12,877)
Postage	18,000	19,627	(1,627)
Printing and publishing	10,000	11,041	(1,041)
Membership and dues	15,000	7,797	7,203
Miscellaneous	750	831	(81)
Bond interest expense		33,702	(33,702)
Total expenses	4,297,647	4,313,726	(16,079)
Operating income	417,353	845,822	428,469
OTHER INCOME (EXPENSES)			
(Loss) on disposal of assets		(167,625)	(167,625)
Contributed capital - developers		1,242,000	1,242,000
Transfers in		287,753	287,753
Transfers (out)	(417,353)	(287,753)	129,600
Total other income (expenses)	(417,353)	1,074,375	1,491,728
Change in net assets	$	$ 1,920,197	$ 1,920,197

This schedule is prepared on a budgetary basis for the operating accounts of the enterprise fund and as such does not present the results of operations on the basis of generally accepted accounting principles but is presented for supplemental information.

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CHARTER TOWNSHIP OF SUPERIOR

UTILITY FUND - COMPARATIVE STATEMENT OF REVENUES AND EXPENSES - OPERATING ACCOUNTS ONLY
FOR THE YEARS ENDED DECEMBER 31, 2023, 2022, 2021, 2020, 2019, 2018, and 2017

	2023	2022	2021	2020	2019	2018	2017
REVENUES							
Charges for services	$ 4,764,419	$ 4,514,821	$ 4,361,690	$ 4,918,819	$ 4,921,683	$ 4,747,460	$ 4,095,235
Meter sales	20,207	9,615	21,990	21,640	34,570	12,377	17,868
Total revenues	4,784,626	4,524,436	4,383,680	4,940,459	4,956,253	4,759,837	4,113,103
EXPENSES							
Water and sewer purchases	2,660,474	2,791,450	2,516,235	2,396,138	2,334,583	2,857,115	2,292,120
Salaries and wages	699,597	557,312	520,704	514,362	548,268	488,461	373,647
Taxable benefits	72,483	58,107	51,838	52,196	45,150	32,093	48,304
Payroll taxes	50,159	45,924	43,132	41,925	44,221	38,761	33,195
Insurance benefits	160,658	143,668	108,712	82,250	83,784	84,048	68,843
Pension	91,428	88,027	80,019	64,665	67,110	51,942	46,477
Repairs and maintenance	136,952	410,591	87,324	112,385	139,760	206,184	179,585
Computer expenses	36,340	43,744	47,546	17,393	10,870	13,277	5,000
Operating supplies and meters	136,169	88,666	132,471	90,435	217,895	89,886	138,778
Utilities	42,057	41,809	35,267	42,418	52,249	5,204	35,914
Telecommunications	28,401	27,043	25,972	19,387	8,745	9,327	7,457
Lease equipment	11,283	15,357	13,646	9,204	8,891	8,211	6,470
Office expenses	43,767	39,858	38,733	4,595	22,369	11,997	13,943
Professional services	23,898	34,611	11,276	49,909	29,160	22,025	19,570
Health savings expense						7,706	11,935
Insurance and bonds	43,458	34,661	37,479	34,374	35,469	32,796	30,440
Bad debt expense	12,877		3,528	3,934	3,421		3,272
Printing and publishing	11,041	8,785	20,224	21,235	3,604	4,165	4,801
Memberships and dues	7,797	10,475	10,847	15,446	21,133	8,984	8,061
Training and other employee expenses	11,185	7,839	3,647	18,264	8,695	917	5,779
Total expenses	4,280,024	4,447,927	3,788,600	3,590,515	3,685,377	3,973,099	3,333,591
Net revenues over expenses	$ 504,602	$ 76,509	$ 595,080	$ 1,349,944	$ 1,270,876	$ 786,738	$ 779,512

This schedule only includes operating revenues and expenses (excludes connection fees revenue, interest income, depreciation expense, and interest expense) and as such does not present results of operations on the basis of generally accepted accounting principles but is presented for supplementary information.

DRAFT

PRIORITY

INNOVATE ★ OPERATE

Welcome!

Team Priority is disrupting the industry with new technologies and exciting new ideas!

Join us as we continue to innovate the world of Waste and Recycling.

Our Services

RESIDENTIAL

CONSTRUCTION / INDUSTRIAL

COMMERCIAL

TRANSFER STATIONS

MEET THE TEAM

Crew

Logistics Driver Coordinators

Customer Service

OUR GOALS

Continue to innovate the industry using new technologies.

Provide an unparalleled customer service experience.

Reducing Carbon-Emissions with our operating efficiencies.

PRIORITY
INNOVATE ★ OPERATE

WHAT MAKES US DIFFERENT?

CONTINUOUS INNOVATION

At Priority, we utilize technology in nearly every department of our company.

The culture at Priority allows ideas to flourish and become realities.

Our team is built of extraordinary individuals!

NEW TECHNOLOGIES

360 CAMERA TECHNOLOGY

GPS LIVE-ROUTING SOFTWARE

THE LDC PROGRAM IN THE PIT

NEW TECHNOLOGIES

360 CAMERA TECHNOLOGY

NEW TECHNOLOGIES

GPS LIVE-ROUTING SOFTWARE

THE LDC PROGRAM IN THE PIT

LOGISTIC DRIVER COORDINATOR PROGRAM IN PRIORITY INTEGRATED TECHNOLOGIES

THE LDC PROGRAM IN THE PIT

LOGISTIC DRIVER COORDINATOR PROGRAM IN PRIORITY INTEGRATED TECHNOLOGIES

PRIORITY
INNOVATE ★ OPERATE

Average Hold Time

00:15

15 Seconds

PRIORITY
INNOVATE ★ OPERATE

Average Call Time

01:17

1 Minute 17 Seconds

PRIORITY
INNOVATE ★ OPERATE

Customizable Portal

Empowering your communities with a dedicated portal for seamless access to municipal services and information

Tickets ☆ ↻

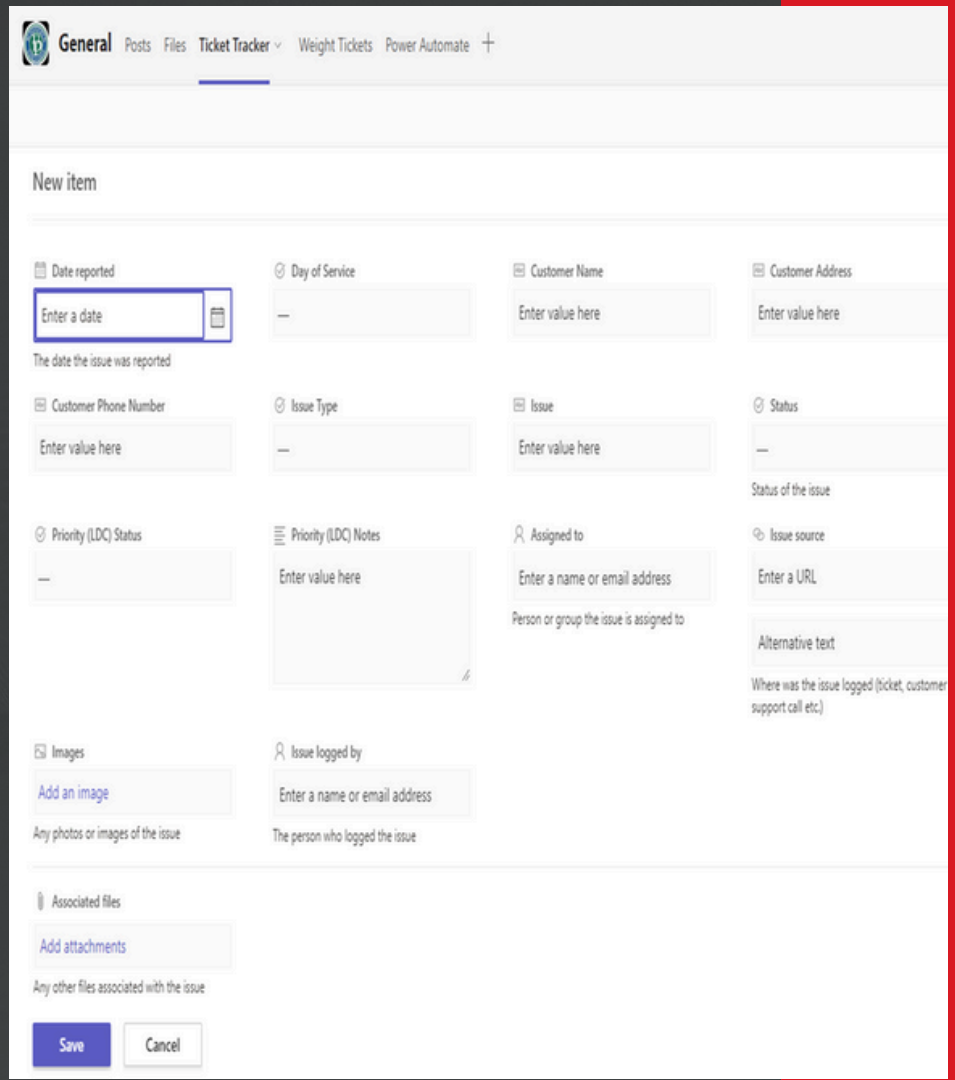
ID	Date reported ↓	Day of Service	Customer Name	Customer Addr...	Customer Phone	Issue Type	Issue
236	5/20/2024	Tuesday		4292 Hamilton Run		New Build - Containe	Need trash and recyc
231	5/17/2024	Thursday		10924 Morab Drive		New Build - Containe	Need trash and recyc
232	5/17/2024	Tuesday		10384 Holliday Farms Blvd		New Build - Containe	Need trash and recyc
233	5/17/2024	Tuesday		8061 Abington Way		New Build - Containe	Need trash and recyc
234	5/17/2024	Monday		8600 Leander Ave		New Build - Containe	Need trash and recyc
235	5/17/2024	Wednesday		10498 St. Anne Drive		Needs Recycle Toter	Never received a recy
230	5/16/2024	Tuesday		4460 Elmscott Ridge		New Build - Containe	Need trash and recyc
229	5/15/2024	Tuesday		3963 Club Ridge Estates		New Build - Containe	Need trash and recyc
227	5/14/2024	Monday		3850 Morgan Lane		New Build - Containe	Need trash and recyc
228	5/14/2024	Thursday		3256 Haflinger Drive		New Build - Containe	Need trash and recyc
225	5/13/2024	Thursday		10948 Haflinger Drive		New Build - Containe	Need trash and recyc
226	5/13/2024	Monday		8471 Morgan Lane		New Build - Containe	Need trash and recyc
223	5/10/2024	Thursday		3511 Willow Road		Needs Trash Toter	Never got a trash tot

PRIORITY
INNOVATE ★ OPERATE

Customizable Portal

Entering a Ticket

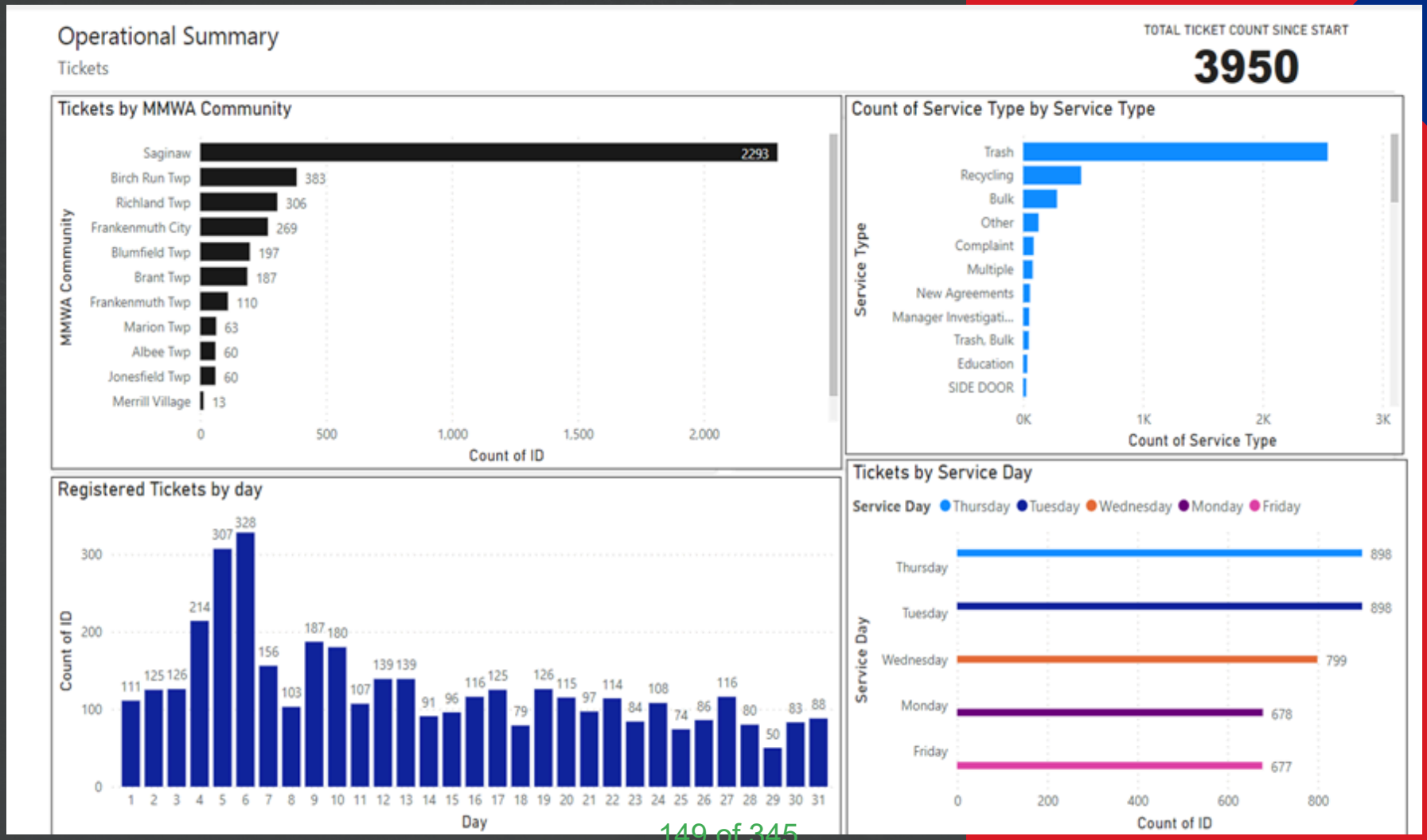
- Select “NEW”
- Fill out information
- Select “SAVE”



PRIORITY
INNOVATE ★ OPERATE

Customizable Portal

Actionable Data



Municipalities

Michigan

City of Sterling Heights

City of Plymouth

City of Westland Michigan

City of Detroit

City of Gibraltar

Eastpointe Michigan

City of Flint, Michigan 1855

City of Dearborn Heights Michigan

Taylor Made for You

City of Utica Michigan

Sumpter Township

City of Utica Michigan

Welcome to Dryden Where Friendliness is Served Country Style

Macomb County Michigan

City of Saginaw Michigan

Wayne-Michigan People, Pride and Progress 1869

Tuscola County Michigan

Bloomfield Township 1827

Corunna

Oakland County Michigan

Frankenmuth

City of Belleville Michigan Quality Living Since 1825

1827 Washington Twp

Village of Romeo Macomb County

Pittsfield Charter Township

City of New Baltimore Michigan ~ 1867

Grosse Ile Township Deeded 1776

City of Westland Michigan Official Seal

City of Montrose Est. 1899

Dryden

Larkin Charter Township, Midland, MI

Homer Township Est 1836

Gilford Township

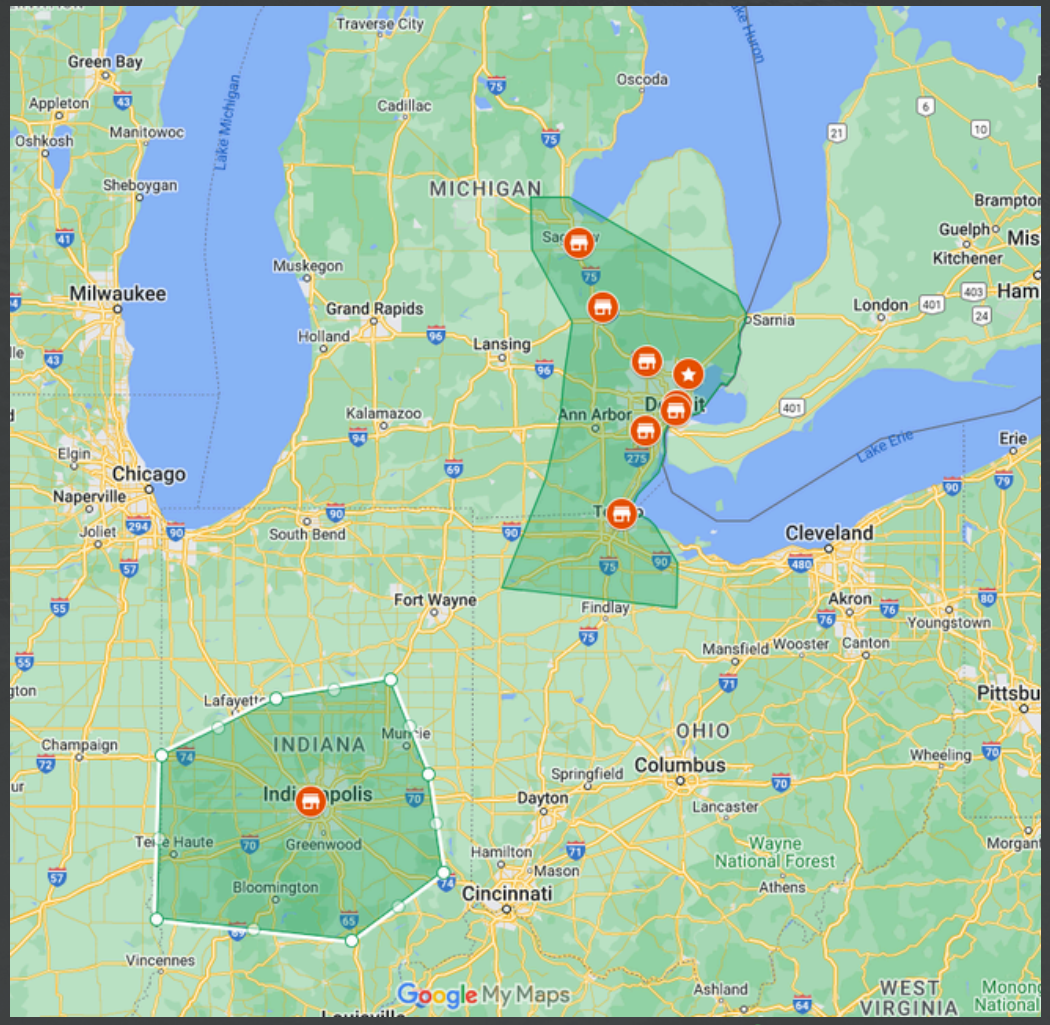
Indiana

City of Lawrence Indiana

Zionsville

PRIORITY
INNOVATE ★ OPERATE

Service Area - MI, IN, OH



PRIORITY
INNOVATE ★ OPERATE

Locations - MI, IN, OH

TRANSFER STATIONS

Wolverine Transfer Station
3900 Christopher St., Hamtramck MI 48211

J Fons Co. Transfer Station
6451 E McNichols Rd Detroit MI 48212

Flint Transfer Station
coming soon!

Corporate

Macomb County, MI (Corporate)
45000 River Ridge Drive, Suite 200
Clinton Township, MI 48038

ADDITIONAL YARDS

Oakland County, MI
1750 Brown Rd, Auburn Hills, MI 48326

Wayne County, MI
28035 Beverly Rd, Romulus, MI 48174

Genesee County, MI
1301 Consumers Dr, Flint, MI 48505

Saginaw County, MI
3155 S Sawyer Dr, Saginaw, MI 48601

Marion County, IN
4045 Park 65 Dr, Indianapolis, IN 46254

Toledo, OH
5657 Enterprise Blvd, Toledo, OH 43612

PRIORITY
INNOVATE ★ OPERATE

CONTACT

Don't hesitate to contact us

www.PriorityWaste.com

(855) WASTE-65

45000 River Ridge Dr. Clinton Twp. MI, 48038

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Superior Charter Township
Board of Trustees Meeting
Parks and Recreation Liaison Report
July 15, 2024

The following summarizes the highlights of the Parks and Recreation Commission Regular Meeting held on June 24, 2024

Citizens Participation:
Jan Piert was pleased that the Rock Property was moved under the Parks and Recreation Department's management. She hopes that the leadership can reach out to the public to ask them how they feel about this property and what their vision is for it. Ms. Piert also asked the Commission if there has been any thought to seeking a millage for dedicated funding the Parks and Recreation Department.

Reports:
Chairperson
Chair NahidSanii-Yahyai expressed her pleasure in seeing the improvements at Fireman's Park. She talked about all of the positive changes including the park, library and gardens that surround the area located close to Macarthur Blvd and Harris Rd.

Director
Juan Bradford reported that Superior Day was a success and was attended by many residents. The attendance at Kite and Rocket Day was lower this year, and he believed more advertising should be done in the future for all events.

Old Business
Community Center Advisory Committee Update
The closing of Cheney School is happening soon and demolition on the building will occur thereafter. The Community Center Advisory Committee has completed their work, and Washtenaw County will establish a steering committee to help guide the construction of the Community Center building and operational decisions for the future.

Ypsilanti Township Community Center
There has been no movement on establishing a reciprocity agreement between Superior Charter and Ypsilanti Townships.

Fireman's Park Improvements Update
The improvements at Fireman's Park are just about complete; there are only some minor punch list items which remain with the general contractor. These include turf restoration and turf establishment, a few new picnic tables and grills, and a bike rack.

New Business
July 2024 has been proclaimed Parks and Recreation Month.
The Parks and Recreation Commission approved the emergency purchase of a tandem axle landscape trailer for $5,658.

Movies on the Green is scheduled for 7/13/24 at the Dixboro Village Green Park, and Bug Hunt is scheduled for 7/27/24.

Rock Property
It was recommended that the Commission start planning for the use of the Rock Property. While currently it is being farmed by Steve Peach, a plan needs to be developed for future programming and usage. It was moved that a committee be formed to start discussions of this. Members named are Curtis, Jack and Gregg. Jan Piert also expressed a desire to be part of the planning committee.

Pleas and Petitions
Jan Piert suggested that during any election year, Superior Day should have a designated spot for candidates. It could be called "Candidates Corner."

Bernice Lindke recommended that any leasing proceeds from the Rock Property must be carefully monitored. Total funds from leasing cannot exceed 5% of the annual debt service on the municipal bond that was taken out for the property.

Respectfully submitted,

Bernice Lindke
Trustee
Superior Charter Township

WASHTENAW COUNTY
OFFICE OF THE SHERIFF

2201 Hogback Road ◆ Ann Arbor, Michigan 48105-9732 ◆ **OFFICE** (734) 971-8400 ◆ **FAX** (734) 973-4624 ◆ **EMAIL** sheriffinfo@ewashtenaw.org

JERRY L. CLAYTON
SHERIFF

MARK A. PTASZEK
UNDERSHERIFF

July 11, 2024

To: Kenneth Schwartz, Superior Township Supervisor
From: John Cratsenburg, Lieutenant
Through: Keith Flores, Police Services Commander
Re: June 2024 Police Services Monthly Report

Monthly Numbers:

Calls for Service:	942
Traffic Stops:	247
OWI/OUID:	2
Traffic Crashes:	14
Animal Complaints:	19
Citations:	26

Significant Incidents:

24-41528 Ford/Prospect Fatal Traffic Crash
Two car traffic crash that resulting in one of the passengers having a medical emergency and passing away. This is still an active investigation.

24-45958 8380 Geddes Death Investigation
Hospice patient with long medical history passed away. No signs of foul play or anything suspicious.

No other major incidents to report for Superior Township.

In/Out of Area Time:

Into Area Time: 1038
Out of Area Time: 718

JERRY L. CLAYTON
SHERIFF

SUPERIOR TOWNSHIP MONTHLY POLICE SERVICES DATA
June 2024

Incidents	Month 2024	Month 2023	% Change	YTD 2024	YTD 2023	% Change
Traffic Stops	247	338	-27%	1614	2094	-23%
Citations	26	14	86%	245	284	-14%
Drunk Driving (OWI)	2	4	-50%	17	14	21%
Drugged Driving (OUID)	0	0	-	4	0	+
Calls for Service Total	942	1048	-10%	5378	5758	-7%
Calls for Service *(Traffic stops and non-response medicals removed)*	585	588	-1%	3127	2984	5%
Robberies	0	0	-	1	0	+
Assaultive Crimes	12	18	-33%	85	103	-17%
Home Invasions	0	3	-	9	8	13%
Breaking and Entering's	0	0	-	1	0	+
Larcenies	2	3	-33%	17	35	-51%
Vehicle Thefts	1	2	-50%	11	11	0%
Traffic Crashes	14	21	-33%	130	131	-1%
Medical Assists	11	9	22%	62	52	19%
Animal Complaints *(ACO Response)*	19	12	58%	66	70	-6%

In/Out of Area Time	Month *(minutes)*	YTD *(minutes)*
Into Area Time	1038	4976
Out of Area Time	718	7611
Investigative Ops (DB)	7770	39300
Secondary Road Patrol	1405	14675
County Wide	70	455

+ = Positive Change
- = Negative Change

Banked Hours	Hours Accum.	Previous Balance	Hours Used	Balance
June - Collab				

Incident Count by Incident Type For Agency WD

For 6/1/2024 12:00:00 AM Thru 6/30/2024 11:59:59 PM
For City Code(s) - SUT

City	Incident	Address / Location	Incident Call Date	Location
SUT	240041125	9470 FORD RD	06/01/2024 14:53:48	SUNSET HILL CEMETARY
	240041887	1395 WEEPING WILLOW CT	06/04/2024 12:29:47	MONICA SCOTT RESD
	240043460	2330 GALE RD	06/09/2024 16:07:25	THELEN/TED RESIDENCE
	240043669	8353 BARRINGTON DR	06/10/2024 13:06:54	EDWARD SPENCER
	240044721	1673 SAVANNAH CT	06/13/2024 23:32:23	
	240044779	3729 CREEKSIDE CT	06/14/2024 09:50:23	WUNDERLICH RESIDENCE
	240044787	2220 HICKMAN RD	06/14/2024 10:12:41	DERRICK SMITH RESIDENCE
	240045052	8424 THAMES CT	06/14/2024 23:23:02	MITCHELL WALK RESIDENCE
	240045483	2220 GALE RD	06/16/2024 15:13:03	WEIL RESIDENCE
	240045861	1601 STAMFORD RD	06/17/2024 21:20:44	CHRISTOAN LOVE FELLOWSHIP
	240045924	3552 CREEKSIDE DR	06/18/2024 02:28:58	JACKIE AND RAFAT RIZK RESD
	240046154	1993 ARBOR WOODS BLVD	06/18/2024 17:07:29	ARBOR WOODS DEVELOP
	240046920	5800 GEDDES RD	06/21/2024 11:24:00	
	240047540	4349 MARIO DR	06/23/2024 14:56:04	TORRES RESIDENCE
	240048798	1930 RIDGE RD	06/27/2024 19:50:16	CHRIS CONSTANTINO RESIDENCE
	240049508	9239 PANAMA AVE	06/30/2024 11:07:52	BEVERLY TYLER
	240049588	9181 PANAMA CT	06/30/2024 17:11:19	RUDOLPH RESIDENCE
SUT	**17**			

		Total:	**17**	

Incident Count by Incident Type For Agency WD

For 6/1/2024 12:00:00 AM Thru 6/30/2024 11:59:59 PM
For City Code(s) - SUT
For Incident Type(s) -

Incident Call Date	Alarms	Incident	Address / Location	City	Location
06/13/2024 23:32:23	**C3907 - PANIC ALARM**	240044721	1673 SAVANNAH CT	SUT	
	C3907 - PANIC ALARM		**Total:**	**1**	

Incident Call Date	Alarms	Incident	Address / Location	City	Location
06/01/2024 14:53:48	**C3999 - ALARMS ALL OTHER**	240041125	9470 FORD RD	SUT	SUNSET HILL CEMETARY
06/04/2024 12:29:47		240041887	1395 WEEPING WILLOW CT	SUT	MONICA SCOTT RESD
06/09/2024 16:07:25		240043460	2330 GALE RD	SUT	THELEN/TED RESIDENCE
06/10/2024 13:06:54		240043669	8353 BARRINGTON DR	SUT	EDWARD SPENCER
06/14/2024 09:50:23		240044779	3729 CREEKSIDE CT	SUT	WUNDERLICH RESIDENCE
06/14/2024 10:12:41		240044787	2220 HICKMAN RD	SUT	DERRICK SMITH RESIDENCE
06/14/2024 23:23:02		240045052	8424 THAMES CT	SUT	MITCHELL WALK RESIDENCE
06/16/2024 15:13:03		240045483	2220 GALE RD	SUT	WEIL RESIDENCE
06/17/2024 21:20:44		240045861	1601 STAMFORD RD	SUT	CHRISTOAN LOVE FELLOWSHIP
06/18/2024 02:28:58		240045924	3552 CREEKSIDE DR	SUT	JACKIE AND RAFAT RIZK RESD
06/18/2024 17:07:29		240046154	1993 ARBOR WOODS BLVD	SUT	ARBOR WOODS DEVELOP
06/21/2024 11:24:00		240046920	5800 GEDDES RD	SUT	
06/23/2024 14:56:04		240047540	4349 MARIO DR	SUT	TORRES RESIDENCE
06/27/2024 19:50:16		240048798	1930 RIDGE RD	SUT	CHRIS CONSTANTINO RESIDENCE
06/30/2024 11:07:52		240049508	9239 PANAMA AVE	SUT	BEVERLY TYLER
06/30/2024 17:11:19		240049588	9181 PANAMA CT	SUT	RUDOLPH RESIDENCE
	C3999 - ALARMS ALL OTHER		**Total:**	**16**	

			Sum:	**17**	

Out of Area Time

For: 06/01/2024 thru 06/30/2024

Patrol Area	Reporting Area	Username	Location	Activity Category	Incident Number	Comments	Start Time	Duration in Minutes	Start Date
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDLOWHORNB	US12/DORSET AVE	DISPATCHED CALLS	240041680	ASSIST YPT DEPS WITH FATAL CAR/BICYCLE, SGT HOUK	17:40:00	85	6/3/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDPACHECOGARCIAR	US12/DORSET AVE	BACKUP DISPATCHED CALLS	240041680	BU CALL ASSIST YPT WITH TRAFFIC ON FATAL CRASH APPROVED BY SGT HOUK	17:40:00	100	6/3/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDCLARKA	E MICHIGAN AVE	BACKUP DISPATCHED CALLS	240041774	bu Possible shooting suspects with a gun Sgt. Williams Approval	22:40:00	35	6/3/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDCOUCKED	E MICHIGAN AVE	BACKUP DISPATCHED CALLS	240041774	PER SGT WILLIAMS, POSSIBLE SHOOTING WITH SUSPECT STILL ON SCENE	22:40:00	40	6/3/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDSRIANNJ	HUNTER AVE/PAGEANT AVE	BACK-UP TRAFFIC STOP	240042692	BACKUP 714 ON TRAFFIC STOP / 3 VEHICLE OCCUPANTS / APPROVED BY SGT. PENNINGTON	01:20:00	25	6/7/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDLYONSW	ALLEN AVE	DISPATCHED CALLS	240043186	ASSIST YPT AREA SEARCH FOR FLEEING RA SUSPECTS. APPROVED BY SGT HOUK	15:20:00	40	6/8/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDBLANDC	S FORD BLVD/PARKWOOD AVE	BACK-UP TRAFFIC STOP	240043828	Ypsi Twp units in foot pursuit with armed subject / assisted w/ scene security / Sgt. Erbes approval.	23:45:00	17	6/10/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDHILLJ	ECORSE RD	BACKUP DISPATCHED CALLS	240043829	Assist YPT units with BOL for Armed robbery suspect - approv sgt Erbes	00:10:00	40	6/11/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	ANN ARBOR CITY	WDHILLJ	WB I94/ANN ARBOR SALINE RD	BACKUP DISPATCHED CALLS	240045398	ASSIST AAPD UNITS ON FELONY STOP OF POSSIBLE SUSPECT VEHICLE FROM YPT SHOOTING REF 240045396 - APPROV SGT ERBES	06:10:00	35	6/16/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDHILLJ	HOLMES RD	BACKUP DISPATCHED CALLS	240045566	BACK UP YPT UNITS BOL FOR OUTSTANDING SUSPECTS - APPROV SGT ERBES	21:40:00	10	6/16/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDLYONSW	E CROSS ST	BACKUP DISPATCHED CALLS	240045751	ASSIST YPSI TWP WITH WELFARE CHECK, LACK OF BU UNITS. APPROVED BY SGT HOUK	15:55:00	20	6/17/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDLOWHORNB	E CROSS ST	BACKUP DISPATCHED CALLS	240045751	BU YPT UNITS ON DV, SGT HOUK APPV	16:00:00	10	6/17/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDHILLD	JUNE ST/E MICHIGAN AVE	BACKUP DISPATCHED CALLS	240046799	SUBJECT ON FOOT ON THE RAILROAD TRACKS. SUBJECT FIGHTING WITH Y TOWN DEPUTIES. SGT ERBES APPROVED	21:20:00	20	6/20/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDNEDDOK	INTERNATIONAL DR	BACKUP DISPATCHED CALLS	240046816	ACTIVE FIGHT AND MENTION OF KNIFES BEING INVOLVED. APPROVAL TO ASSIST PER SGT. ERBES.	22:23:00	17	6/20/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDLYONSW	HOLMES RD	DISPATCHED CALLS	240046919	ASSIST YPT W/ DV S1 1010 & R/O APPROVED BY SGT HOUK	11:50:00	50	6/21/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDNEDDOK	HOLMES RD	BACKUP DISPATCHED CALLS	240046919	YPSI TWP WITH DV SUSPECT FLED ON FOOT AND HAD MULTIPLE 10-10 WARRANTS. APPROVAL TO ASSIST PER SGT. ARTS	12:01:00	29	6/21/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDLOWHORNB	BEDFORD DR	BACKUP DISPATCHED CALLS	240047384	ASSIST YPT UNIT WITH SUBJ WITH POSS GUN, BYNUM ON DUTY	22:50:00	15	6/22/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDHILLJ	ESSEX DR	BACKUP DISPATCHED CALLS	240047958	ASSIST YPT UNITS WITH DV WITH POSSIBLE ARMED SUBJECT - APPROV SGT PENNINGTON	02:00:00	60	6/25/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDCLARKA	GOLFSIDE RD/WASHTENAW AVE	TRAFFIC STOP	240048025	RFS: BACK ENROUTE TO TOWNSHIP. FAILURE TO YIELD CUT OFF TRAFFIC// VW GIVEN.	11:30:00	10	6/25/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	SALEM TOWNSHIP	WDLOWHORNB	SLEEPY HOLLOW	BACKUP DISPATCHED CALLS	240048171	ALARM, OK TO BACK UP SOLO SLT PER ERBES	19:40:00	20	6/25/2024
ANN ARBOR-SUPERIOR TWP COLLABORATION	YPSILANTI TWP	WDTRIPPB	E FOREST AVE/TWIN TOWERS ST	BACK-UP TRAFFIC STOP	240049722	CLOSEST UNIT TO ASSIST TROOPERS ON A STOP AFTER REQUESTING FOR ADDITIONAL UNIT; PER SGT ERBES	03:20:00	40	7/1/2024
							Sum:	**718**	

Into Area Time Superior TWP

For: 06/01/2024 thru 06/30/2024

Patrol Area	Reporting Area	Username	Location	Activity Category	Incident Number	Comments	Start Time	Duration in Minutes	Start Date
YPSILANTI TWP	SUPERIOR TWP	WDTRASKOSR	MACARTHUR BLVD	BACKUP DISPATCHED CALLS	240041336	ASSISTED SUPERIOR TWP WITH DISORDERLY / APPROVED SGT HOGAN	13:10:00	30	6/2/2024
YPSILANTI TWP	SUPERIOR TWP	WDSIMMST	FORD RD/PROSPECT RD	BACKUP DISPATCHED CALLS	240041528	CFS / FATAL ACCIDENT / SGT HOUK	07:35:00	27	6/3/2024
YPSILANTI TWP	SUPERIOR TWP	WDVANDUSSENK	FORD RD/PROSPECT RD	BACKUP DISPATCHED CALLS	240041528	ASSIST WITH FATAL CRASH APPROVED BY SGT HOUK	07:35:00	130	6/3/2024
YPSILANTI TWP	SUPERIOR TWP	WDVANCAMPT	PLYMOUTH RD/OAKRIDGE CT	DISPATCHED CALLS	240041544	PDA/PER 627 (SGT HOUK) HELP SUPERIOR DEPUTIES WHILE ON FATAL CRASH	08:30:00	60	6/3/2024
YPSILANTI TWP	SUPERIOR TWP	WDCOUCKED	FORD RD/PROSPECT RD	BACKUP DISPATCHED CALLS	240041528	PER SGT HOUK, FATAL CRASH TRAFFIC CONTROL	08:45:00	15	6/3/2024
SALEM TWP	SUPERIOR TWP	WDMIZERK	GEDDES RD/PROSPECT RD	TRAFFIC STOP	240042213	SUBJECT RAN RED LIGHT IN FRONT OF ME	13:45:00	10	6/5/2024
SALEM TWP	SUPERIOR TWP	WDMIZERK	UPON GEDDES and AT/NEAR PROSPECT	CITATIONS	240042213		13:48:00	0	6/5/2024
YPSILANTI TWP	SUPERIOR TWP	WDCLARKJ	SPRUCE LN	BACKUP DISPATCHED CALLS	240042714	BACK UP DISPATCH CALL - ASSIST WITH DISORDERLY ONLY ONE SUT CAR APPROVED BY SGT PENNINGTON	05:35:00	20	6/7/2024
YPSILANTI TWP	SUPERIOR TWP	WDZEHELD	LEFORGE RD/W CLARK RD	DISPATCHED CALLS	240043053	PER SGT BYNUM - SUPERIOR CAR TIED UP WITH 24-43047	04:05:00	25	6/8/2024
YPSILANTI TWP	SUPERIOR TWP	WDPHILLIPSA	STAMFORD RD	BACKUP DISPATCHED CALLS	240043469	SUICIDAL SUBJECT, NOT COOPERATIVE. CLEARED WITH SGT. HOUK	17:20:00	55	6/9/2024
YPSILANTI TWP	SUPERIOR TWP	WDPREUTHUNO	STAMFORD RD	BACKUP DISPATCHED CALLS	240043469	PER SGT HOUK, 2 SUPERIOR CARS ON A SUICIDAL WITH EMERGENCY TRAFFIC FOR AWHILE. ALL SECURE	17:20:00	10	6/9/2024
YPSILANTI TWP	SUPERIOR TWP	WDRAABT	STAMFORD RD	BACKUP DISPATCHED CALLS	240043469	ASSIST SUT W/ UNCOOPERATIVE SUICIDAL SUBJ. GOOD PER SGT HOUK	17:20:00	40	6/9/2024
YPSILANTI TWP	SUPERIOR TWP	WDSAMAHAD	STAMFORD RD	BACKUP DISPATCHED CALLS	240043469	SUICIDAL PERSON BEGAN TO RUN AWAY FROM DEPUTIES // TWP DEPUTIES RESPONDED UNTIL HVA ARRIVED AND SUBJECT WAS TRANSPORTED // SGT HOUK	17:20:00	40	6/9/2024
YPSILANTI TWP	SUPERIOR TWP	WDBELLASE	E HURON RIVER DR	BACKUP DISPATCHED CALLS	240045619	ASSIST SUT UNITS WITH A SUBJ WITH A WARRANT PER SGT ERBES	01:40:00	25	6/17/2024
YPSILANTI TWP	SUPERIOR TWP	WDBELLASE	E HURON RIVER DR	BACKUP DISPATCHED CALLS	240045641	BACK UP LONE SUPERIOR DEPUTY WITH A WARRANT ARREST // PER SGT ERBES	06:30:00	30	6/17/2024
YPSILANTI TWP	SUPERIOR TWP	WDSAMAHAD	MACARTHUR BLVD	BACKUP DISPATCHED CALLS	240045660	SUICIDAL PERSON WITH KNIFE SUPERIOR UNITS ADVISED THEY NEEDED MORE ASSISTANCE // SGT HOUK GAVE TWP UNITS APPROVAL TO ASSIST	08:10:00	45	6/17/2024
YPSILANTI TWP	SUPERIOR TWP	WDSAMAHAD	RIDGE RD	BACKUP DISPATCHED CALLS	240045657	ASSISTED DEPUTY LYONS WITH TRANSLATION // SGT HOUK	09:50:00	55	6/17/2024
YPSILANTI TWP	SUPERIOR TWP	WDSAMAHAD	RIDGE RD	BACKUP DISPATCHED CALLS	240045711	24-45711, ASSIST WITH TRANSLATION, SGT HOUK	11:35:00	45	6/17/2024
YPSILANTI TWP	SUPERIOR TWP	WDTROWBRIDGEM	ELLIOTT DR	DISPATCHED CALLS	240046274	ASSIST OTHER DEPS WHILE THEY WERE ON REPORT WRITING SGT BYNUM APPROVAL	06:50:00	35	6/19/2024
YPSILANTI TWP	SUPERIOR TWP	WDHEATHV	HARVEST LN	BACKUP DISPATCHED CALLS	240046311	ASSIST SUT DEPS WITH DISORDERLY-- APPROVED BY 627 HOUK	10:15:00	25	6/19/2024
YPSILANTI TWP	SUPERIOR TWP	WDMCGRADYP	W PLYMOUTH RD	BACKUP DISPATCHED CALLS	240046867	assist w suspicious, sgt erbes approved	05:09:00	21	6/21/2024
YPSILANTI TWP	SUPERIOR TWP	WDTROWBRIDGEM	PROSPECT RD/VREELAND RD	BACK-UP TRAFFIC STOP	240047347	BACKUP 689 ON TS WHILE ALL OTHER UNITS TIED UP ON FATAL SGT BYNUM APPROVAL	20:45:00	5	6/22/2024
YPSILANTI TWP	SUPERIOR TWP	WDTROWBRIDGEM	HUNTERS CREEK DR	BACKUP DISPATCHED CALLS	240047356	BU 689 WHILE ALL OTHER UNITS TIED UP ON FATAL CRASH SGT BYNUM APPROVAL	21:05:00	20	6/22/2024
YPSILANTI TWP	SUPERIOR TWP	WDSINGERA	MOTT RD	BACKUP DISPATCHED CALLS	240047869	BACKUP UNIT TO LOWHORN. Back up for in progress DV APPROVED PENNINGTON	19:15:00	30	6/24/2024
YPSILANTI TWP	SUPERIOR TWP	WDVANDERROESTB	E CLARK RD/ROBBY LN	BACK-UP TRAFFIC STOP	240047941	BU TS // SUP UNIT REQUESTING ADDITIONAL CARS // SGT PENNINGTON	00:00:00	10	6/25/2024
YPSILANTI TWP	SUPERIOR TWP	WDBELLASE	LEFORGE RD/GEDDES RD	BACK-UP TRAFFIC STOP	240048860	BACKED UP SUPERIOR CAR ON TRAFFIC STOP WITH 5 OCCUPANTS // PER SGT ARTS	00:50:00	10	6/28/2024
YPSILANTI TWP	SUPERIOR TWP	WDEARLEYJ	DOVER CT	DISPATCHED CALLS	240048877	Family Trouble Approved by Sgt Arts. Backed due to possible barricade subject	05:15:00	35	6/28/2024
YPSILANTI TWP	SUPERIOR TWP	WDRUSSELLT	DOVER CT	BACKUP DISPATCHED CALLS	240048877	OK'D BY SGT ARTS / EDP SUBJECT BARRICADED IN BATHROOM WITH KNIFE	05:15:00	30	6/28/2024
YPSILANTI TWP	SUPERIOR TWP	WDTRIPPB	DOVER CT	BACKUP DISPATCHED CALLS	240048877	PERIMETER FOR LONE SUPERIOR UNIT WITH BARRICADED SUBJECT; PER SGT ARTS	05:30:00	15	6/28/2024
YPSILANTI TWP	SUPERIOR TWP	WDZEHELD	DOVER CT	BACKUP DISPATCHED CALLS	240048877	PER SGT ARTS ASSIST DEP SIRANNI - MALE WITH A KNIFE	05:30:00	20	6/28/2024
YPSILANTI TWP	SUPERIOR TWP	WDCLARKJ	DOVER CT	BACKUP DISPATCHED CALLS	240049380	Erbes approved, Person with a knife fighting	21:10:00	30	6/29/2024

YPSILANTI TWP	SUPERIOR TWP	WDCUSOJ	DOVER CT	BACKUP DISPATCHED CALLS	240049380	BACKED UP SUT DEPUTIES ON FIGHT IN PROGRESS W KNIFE; OK PER SGT. PENNINGTON.	21:10:00	30	6/29/2024
YPSILANTI TWP	SUPERIOR TWP	WDGOMBOSJ	DOVER CT	BACKUP DISPATCHED CALLS	240049380	BACK SUT UNITS ON FA IN PROGRESS OKAY PER SGT PENNINGTON	21:10:00	30	6/29/2024
YPSILANTI TWP	SUPERIOR TWP	WDVANDERROESTB	DOVER CT	BACKUP DISPATCHED CALLS	240049380	BU SUP UNIT W/ FIGHT SUBJECT ARMED W/ KNIFE // SGT ERBES	21:10:00	30	6/29/2024
							Sum:	**1,038**	

Building Department Report

8 July, 2024

1) The Sales Model for Prospect Point West is complete, and Basement Walls have been poured for 2 new houses. Phase 2 of this project has been approved for this development.

2) Footings are in and Structural Steel has been erected for the Huron Dental project at 5397 Plymouth / Ann Arbor Rd. This will be a “Mixed Use” building with a lease retail space next to the Dental Office on the first floor. And 2 apartments on the second floor.

3) Construction on the “Sales Model” for the Kinsley project located at 6632 Plymouth Rd is Drywalled and heading into the finish stages now.

4) The Basement Walls are in and “back filled” at 6639 Plymouth. The first house in the Kinsley Sub.

5) The Brook wood Estates project is in the final planning stage.

6) There are several custom homes in various stages throughout the Township.

7) The Blight/Hoarding situation at 4745 Napier Ct., under the direction of a Court appointed receiver, is well underway. The owner has taken what he wanted and left for California, likely not to return. The more the home is cleared out, the more structural damage is discovered. This is looking more and more each day like the house will not be saved. I have posted it “Condemned, Dangerous and Un-Safe”

8) There is still a 2 week delay on average, in permit processing, due to the lag-time caused by the outsourcing of Zoning.

Development is a careful balance of progress without overcrowding like some of our neighbors.

Building

Permit #	Contractor	Job Address	Fee Total	Const. Value
PB24-0135	S E MICHIGAN LAND HOLDIN(	7467 ABIGAIL DR	$1,716.00	$263,959
Work Description:	New single story SFD on unfinished basement with 2 car attached garage - Model 'Davenport'			
PB24-0120	S E MICHIGAN LAND HOLDIN(	7477 ABIGAIL DR	$2,424.00	$372,984
Work Description:	Construct new 2 story SFD on unfinished basement with attached 2 car garage			
PB24-0118	STOLZMAN DUSTIN & MOHLEI	7595 ABIGAIL DR	$100.00	$12,500
Work Description:	Construct 20'x14' Trex deck on helical piers			
PB24-0124	EVANS PAUL & VICTORIA L	10187 E AVONDALE CIR	$129.00	$19,907
Work Description:	Install 12'x16' pre-fabricated, aluminum pergola on existing deck. Pergola is attached to house.			
PB24-0125	MOON SARAH K & STEPHANIE	8539 BARRINGTON DR	$569.00	$87,500
Work Description:	Finish fire repair started by others			
PB24-0114	ELGOOD LAURA & MAI SEBAST	4150 HAWK'S CV	$4,225.00	$650,000
Work Description:	Construct new 1 story SFD on unfinished basement with attached 3 car garage			
PB24-0131	HOWARD MARY	1706 LEFORGE RD & 1708	$100.00	$15,000
Work Description:	Remove section of cement wall and replace with 17ft I-beam with 2x6 jack studs - 1706 Leforge			
PB24-0136	S E MICHIGAN LAND HOLDIN(	1932 MAGGIE LN	$1,716.00	$263,959
Work Description:	New single story SFD on unfinished basement with 2 car garage - Model 'Davenport'			
PB24-0119	S E MICHIGAN LAND HOLDIN(	1972 MAGGIE LN	$2,708.00	$416,667
Work Description:	Construct new 2 story SFD on unfinished basement with attached 2 car garage - 'Berkley' Model			
PB24-0137	JONES KULUANA	9757 MAPLELAWN	$100.00	$5,000
Work Description:	Construct handicap ramp-porch-stairs adjacent to mobile home. No permanent footings required per R403.1 of 2015 MRC.			
PB24-0130	WADLEY RICCO	1834 NORFOLK AVE	$100.00	$15,000
Work Description:	12 panel roof-mounted solar array			
PB24-0117	BRABBS STEPHEN W & JULIE C	5701 OVERBROOK DR	$138.00	$21,250
Work Description:	Construct 20'x16' Trex deck on helical piers			
PB24-0133	TRINITY PRESBYTERIAN CHUR	10101 PLYMOUTH-ANN ARBOR RD	$195.00	$30,000
Work Description:	Remodel soffit in worship area			
PB24-0116	ESWARAN SHANTI/LATCHAMS	5454 RED FOX RUN	$708.00	$109,000
Work Description:	Kitchen remodel, re-finish handrails and balasters. Separate plumbing permit required for powder room fixture replacement. Electrical permit required if any new devices or fixtures are added.			

PB24-0126	VACANT	1515 RIDGE RD # 107	$100.00	$15,000
Work Description: Pour 14'x70' mobile home foundation slab				
PB24-0128	VACANT	1515 RIDGE RD # 218	$100.00	$15,000
Work Description: Pour 28'x 56' foundation slab for mobile home.				
PB24-0129	VACANT	1515 RIDGE RD # 280	$100.00	$15,000
Work Description: Pour 14'x68' foundation slab for mobile home.				
PB24-0127	VACANT	1515 RIDGE RD # 298	$100.00	$15,000
Work Description: Pour 14'x70' mobile home foundation slab				
PB24-0134	DAVIS DANIELLE & FRANK	5734 E STONE VALLEY DR	$7,150.00	$1,100,000
Work Description: Construct new 2 story SFD on partially finished basement. With 2 attached garages totaling 6 cars.				
PB24-0115	CURRIE TYRONE	2086 VALLEYVIEW DR	$117.00	$18,000
Work Description: Fire repair				
PB24-0123	SUAREZ ANTON R & TAYLOR P	5770 WARREN RD	$107.00	$16,450
Work Description: Interior water management system				
PB24-0122	BROMLEY CONSTRUCTION CO	1864 WEXFORD DR	$100.00	$7,500
Work Description: Construct 10'x12' wooden deck				
PB24-0121	BROMLEY CONSTRUCTION CO	1866 WEXFORD DR	$100.00	$7,500
Work Description: Construct 10'x12' wooden deck				
PB24-0132	MYERS RACHEL	1530 WIARD BLVD	$100.00	$9,733
Work Description: Encapsulating 864 SF of crawlspace. Adding 12' of sister joist.				

Total Permits For Type:	**24**
Total Fees For Type:	**$23,002.00**
Total Const. Value For Type:	**$3,501,909**

Report Summary

Population: All Records

Permit.PermitType = Building
AND
Permit.DateIssued in <Previous month> [06/01/24 - 06/30/24]

Grand Total Fees:	**$23,002.00**
Grand Total Permits:	**24**
Grand Total Const. Value:	**$3,501,909**

SUPERIOR TOWNSHIP BUILDING DEPARTMENT
MONTH-END REPORT
June 2024

Category	Estimated Cost	Permit Fee	Number of Permits
Com/Multi-Family Renovations	*$30,000.00*	*$195.00*	*1*
Electrical	*$0.00*	*$8,840.00*	*35*
Mechanical	*$0.00*	*$7,155.00*	*49*
Plumbing	*$0.00*	*$5,210.00*	*19*
Res-New Building	*$3,067,569.00*	*$19,939.00*	*6*
Res-Other Building	*$114,840.00*	*$974.00*	*9*
Res-Other Non-Building	*$60,000.00*	*$400.00*	*4*
Res-Renovations	*$229,500.00*	*$1,494.00*	*4*
Totals	***$3,501,909.00***	***$44,207.00***	***127***

SUPERIOR TOWNSHIP BUILDING DEPARTMENT
YEAR-TO-DATE REPORT

January 2024 To Date

Category	Estimated Cost	Permit Fee	Number of Permits
Com/Multi-Family New Building	*$3,050,000.00*	*$19,825.00*	*2*
Com/Multi-Family Other Building	*$28,541.00*	*$0.00*	*1*
Com/Multi-Family Renovations	*$5,418,952.00*	*$35,223.00*	*5*
Electrical	*$0.00*	*$34,205.00*	*160*
Mechanical	*$0.00*	*$34,335.00*	*226*
Plumbing	*$0.00*	*$24,250.00*	*110*
Res-Additions (Inc. Garages)	*$1,344,328.00*	*$8,737.00*	*11*
Res-Manufactured/Modular	*$255,000.00*	*$1,500.00*	*10*
Res-New Building	*$15,938,423.00*	*$103,645.00*	*35*
Res-Other Building	*$719,604.00*	*$5,548.00*	*40*
Res-Other Non-Building	*$198,376.00*	*$1,553.00*	*11*
Res-Renovations	*$1,619,347.00*	*$10,681.00*	*22*
Totals	***$28,572,571.00***	***$279,502.00***	***633***

SUPERIOR TOWNSHIP FIRE DEPARTMENT

MEMO

To: Ken Schwartz, Lynette Findley, Lisa Lewis

CC:

From: Vic Chevrette, Fire Chief

Date: 7/2/2024

Re: Fire Chief/Fire Marshal Activity Report June 2024

The following is the June 2024 activity report for the Fire Chief and Fire Marshal.

FOIA Request: 1

Meetings Attended: Washtenaw Area Mutual Aid Association, St. Joe Hospital Active Shooter meeting x2, FEMA Grant Zoom meeting, WCSD fatal crash meeting, EOC meeting, Debriefing Active Shooter, Fire dispatch meeting, Union Executive Board meeting, First Response company equipment review.

Training: Active Shooter Drill at St. Joseph Hospital (Department)

Blue Card Training and certification for all Fire Department Employee's.

Various Employee's attended Hydrant and Fire Instructor Classes.

Fire Prevention/Public Education: Superior Days.

Other: Fire Station #2 Kitchen remodeling and Fire Station replacement. Discussion with the Township Board of Trustee's.

Respectfully Submitted,

Victor G. Chevrette

Victor G. Chevrette, Fire Chief

The following is the June 2024 activity report for the Fire Marshal

Fire Suppression Plan Reviews Zoom Conference:

Fire Suppression Inspections: 1

Fire Protection Inspections: 1

Fire Department Access inspection:

Fire Pump Flow Tests:

Hydrant Flow Test:

Plan Review: 1

Building Inspection: 2

Business Inspection:

Site Inspections Superior Dam : 1

Consultation, Fire Protection:

Fire Alarm Plan Review:

Fire Alarm Inspection: 1

Fire Investigation:

Fire Investigations follow up:

Fire Code Enforcement: 1

Blue Card: 3

Burning Complaint: 1

Burn Permits issued: 2

HUVACO Class: 2

Officer Meeting:

Meetings: 3

EMT Training: 1

Mechanical / Suppression Class:

International Association of Arson Investigators Conference:
SMF Meeting:

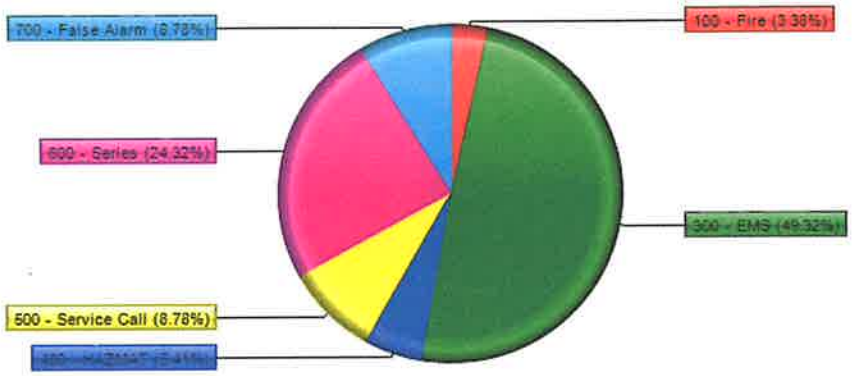
Respectfully Submitted,

Dan Kimball, Fire Marshal

Fire - Incident Types	Date: Tuesday, July 2, 2024 Time: 10:09:05 AM

Fire Incident Type Breakdown

Incident Type Group	
100 - Fire	5
300 - EMS	73
400 - HAZMAT	8
500 - Service Call	13
600 - Series	36
700 - False Alarm	13
	148



Incident Type Code	Alarm Date	Incident Number	NFIRS Number	Addresses Combined More
111				
	6/15/2024 1:11:31 PM	3985217	0000814	8597 Eral CT
113				
	6/15/2024 1:57:03 PM	3985235	0000823	1677 Savannah CT
	6/18/2024 9:17:32 PM	3986791	0000834	1995 White Oak LN
132				
	6/24/2024 8:23:42 PM	3989515	0000862	1600 E Michigan AVE
171				
	6/26/2024 2:11:23 PM	3990225	0000873	2185 N Harris RD
311				
	5/31/2024 4:22:12 PM	3978778	0000749	1998 Hunters Creek DR
	6/2/2024 2:44:13 PM	3979559	0000755	9779 Ford RD
	6/2/2024 3:08:21 PM	3979562	0000754	7980 Jordan CT
	6/2/2024 6:10:51 PM	3979638	0000757	1515 Ridge RD
	6/3/2024 7:32:49 PM	3980122	0000765	1677 Fairway Glens DR
	6/4/2024 5:08:24 PM	3980482	0000766	5353 Mcauley DR
	6/4/2024 11:24:39 PM	3980650	0000768	1201 Stamford RD
	6/15/2024 10:16:00 AM	3985148	0000824	6729 Cherry Hill RD
	6/13/2024 10:38:16 AM	3984227	0000808	8386 Ardmoor DR
	6/12/2024 5:46:15 AM	3983731	0000806	955 E Clark RD
	6/7/2024 3:04:40 PM	3981796	0000783	4075 Gotfredson RD
	6/16/2024 10:38:04 AM	3985582	0000817	6707 Fleming Creek DR
	6/5/2024 4:13:10 PM	3980955	0000773	8870 Macarthur BLVD
	6/9/2024 12:24:12 PM	3982532	0000791	1767 Ridge RD
	6/10/2024 3:39:20 PM	3983047	0000801	6450 Indian Hills DR
	6/11/2024 8:12:06 AM	3983297	0000802	510 W Clark RD
	7/1/2024 12:26:59 PM	3992283	0000909	1930 Ridgeview
	6/25/2024 4:03:06 PM	3989871	0000870	1836 Wexford DR
	6/27/2024 2:30:56 PM	3990652	0000883	1549 Harvest LN
	6/21/2024 1:26:32 PM	3988021	0000851	9775 Edgewood CT

	7/1/2024 3:17:17 PM	3992361	0000910	5341 Mcauley DR
	6/23/2024 9:23:39 AM	3988807	0000855	1223 Stamford CT
	6/19/2024 3:02:50 PM	3987120	0000839	5333 Mcauley DR
	6/19/2024 9:11:00 PM	3987284	0000845	5400 Plymouth RD
	6/27/2024 6:16:05 AM	3990493	0000879	5305 Elliott DR
	6/25/2024 9:57:26 AM	3989709	0000869	1515 Ridge RD
	6/20/2024 6:53:22 PM	3987732	0000849	1515 Ridge RD
	6/27/2024 1:04:51 PM	3990618	0000880	5341 Mcauley DR
	6/28/2024 7:18:00 AM	3990922	0000893	2920 N Harris RD
	6/28/2024 7:06:43 AM	3990920	0000887	1515 Ridge RD
	6/18/2024 9:35:00 AM	3986490	0000829	1966 Ridgeview
	6/30/2024 10:00:49 PM	3992096	0000906	9775 Edgewood CT
321				
	6/2/2024 9:20:51 PM	3979713	0000758	3847 Napier RD
	6/3/2024 8:16:00 AM	3979839	0000760	Cherry Hill RD
	6/3/2024 6:05:54 PM	3980080	0000764	8816 Macarthur BLVD
	6/4/2024 4:25:56 PM	3980460	0000767	9012 Macarthur BLVD
	6/9/2024 1:44:48 PM	3982570	0000794	9376 Macarthur BLVD
	6/15/2024 8:58:30 AM	3985126	0000813	1223 Stamford CT
	6/14/2024 7:09:12 AM	3984647	0000811	1880 Ridge RD
	6/14/2024 3:44:58 PM	3984838	0000819	1627 Harvest LN
	6/9/2024 4:21:29 PM	3982633	0000795	1600 Stephens DR
	6/6/2024 9:02:15 PM	3981485	0000779	8582 Barrington DR
	6/15/2024 11:01:54 PM	3985448	0000816	1664 Sheffield DR
	6/5/2024 10:00:26 PM	3981064	0000775	9130 Macarthur BLVD
	6/6/2024 10:02:59 PM	3981510	0000780	9336 Macarthur BLVD
	6/16/2024 1:44:15 AM	3985493	0000815	1515 Ridge RD
	6/6/2024 2:02:25 PM	3981297	0000777	5400 Plymouth RD
	6/6/2024 6:14:47 AM	3981136	0000785	8601 Cedar CT
	6/22/2024 11:26:29 AM	3988433	0000860	Flying Pilgrims TRL
	6/22/2024 3:38:06 AM	3988322	0000853	9951 W Avondale CIR
	6/19/2024 12:32:39 PM	3987051	0000841	1856 Evergreen LN

	6/24/2024 10:22:17 PM	3989555	0000865	8650 Cedar CT
	6/23/2024 10:58:51 PM	3989094	0000863	8650 Cedar CT
	6/22/2024 10:59:02 PM	3988688	0000868	981 Stamford RD
	6/21/2024 4:50:55 AM	3987875	0000850	1363 Stamford DR
	6/26/2024 12:22:57 PM	3990184	0000874	10978 Ford RD
	6/19/2024 1:38:24 PM	3987076	0000840	8932 Macarthur BLVD
	6/18/2024 3:22:41 PM	3986657	0000833	9210 Macarthur BLVD
	6/26/2024 8:58:33 PM	3990372	0000877	1515 Ridge RD
	6/20/2024 5:08:04 PM	3987685	0000848	3040 N Prospect RD
	6/20/2024 1:20:14 PM	3987589	0000847	8832 Macarthur BLVD
	6/28/2024 10:07:30 PM	3991240	0000890	1515 Ridge RD
	6/27/2024 1:10:21 PM	3990622	0000885	8776 Macarthur BLVD
	6/19/2024 5:22:51 PM	3987191	0000842	10264 E Avondale CIR
	6/29/2024 1:51:18 PM	3991517	0000894	9655 Wexford DR
	6/23/2024 11:37:04 PM	3989104	0000864	8908 MacArthur BLVD
	6/30/2024 4:12:03 PM	3991973	0000908	1515 Ridge RD
	6/30/2024 10:04:51 AM	3991851	0000902	7443 Cynthia DR
322				
	6/2/2024 5:24:52 PM	3979623	0000756	9689 Macarthur BLVD
	6/3/2024 7:27:00 AM	3979820	0000763	Ford RD
	6/3/2024 12:38:00 PM	3979935	0000762	W M-14 HWY
	6/26/2024 5:20:42 AM	3990054	0000871	Ford RD
	6/29/2024 7:02:23 AM	3991337	0000901	W M-14 HWY
324				
	6/10/2024 12:16:00 AM	3982791	0000796	W M-14 HWY
	6/16/2024 3:16:09 PM	3985699	0000818	E M-14 HWY
	6/17/2024 4:11:00 PM	3986190	0000826	Ford RD
	6/17/2024 8:12:00 AM	3985986	0000825	7020 Plymouth-Ann Arbor RD
	6/27/2024 5:50:34 PM	3990735	0000899	Cherry Hill RD
	6/30/2024 8:42:14 PM	3992069	0000903	E M-14 HWY
412				
	6/30/2024 10:26:42 PM	3992105	0000907	9794 Edgewood CT

424				
	6/7/2024 3:10:00 PM	3981798	0000784	9258 Macarthur BLVD
444				
	6/6/2024 8:32:09 PM	3981475	0000782	8618 Heather DR
	6/6/2024 9:38:32 PM	3981504	0000787	8618 Heather DR
	6/18/2024 12:23:45 AM	3986366	0000835	Geddes Road
	6/18/2024 5:09:00 AM	3986411	0000831	3999 Albert DR
	6/30/2024 6:11:55 AM	3991800	0000897	8681 Cedar CT
445				
	6/18/2024 2:19:51 PM	3986616	0000832	7905 Geddes RD
463				
	6/3/2024 8:51:00 AM	3979851	0000761	Plymouth RD
	6/26/2024 12:25:20 PM	3990185	0000881	N Prospect RD
500				
	6/7/2024 6:50:07 PM	3981880	0000786	8922 MacArthur BLVD
542				
	6/24/2024 3:14:46 PM	3989375	0000866	1515 Ridge RD
553				
	6/28/2024 11:50:21 AM	3991007	0000900	7999 Ford RD
	6/30/2024 5:35:29 AM	3991793	0000898	5196 Pheasant CT
554				
	5/31/2024 8:36:03 PM	3978872	0000750	3381 Beaumont AVE
	6/1/2024 10:49:42 PM	3979285	0000752	1295 Stamford CT
	6/10/2024 11:31:45 AM	3982950	0000800	8843 Nottingham DR
	6/10/2024 11:15:48 PM	3983220	0000821	1295 Stamford CT
	6/5/2024 11:44:55 AM	3980835	0000770	1995 Wexford DR
	6/6/2024 7:34:02 PM	3981452	0000781	5341 Mcauley DR
	6/20/2024 2:56:31 AM	3987385	0000844	9751 Mulberry
	6/17/2024 7:35:05 AM	3985975	0000820	8498 Berkshire DR
	6/23/2024 9:14:53 AM	3988804	0000856	8498 Berkshire DR
561				
	6/8/2024 6:02:38 PM	3982257	0000789	1931 Geddes RD

611				
	5/31/2024 4:14:54 PM	3978776	0000748	Geddes RD
	6/2/2024 1:10:26 PM	3979527	0000753	1515 Ridge RD
	6/5/2024 7:30:46 AM	3980732	0000771	5325 Elliott DR
	6/5/2024 7:34:13 AM	3980731	0000774	5325 Elliott DR
	6/12/2024 1:23:00 PM	TRTFA3983869	0000805	18130 Burtless RD
	6/11/2024 12:20:43 PM	3983399	0000803	1515 Ridge RD
	6/14/2024 1:03:54 PM	3984779	0000810	1515 Ridge RD
	6/5/2024 3:14:03 PM	3980922	0000772	9044 Macarthur BLVD
	6/6/2024 10:56:08 AM	3981220	0000776	5477 W Clark RD
	6/8/2024 10:50:00 PM	3982353	0000792	Mario CT
	6/9/2024 10:15:26 AM	3982489	0000790	5040 Bosuns WAY
	6/26/2024 5:14:14 PM	3990281	0000875	1515 Ridge RD
	6/19/2024 7:00:05 PM	3987229	0000843	Golfside RD
	6/21/2024 5:28:48 PM	3988135	0000852	8380 Geddes Rd
	6/27/2024 1:51:17 PM	3990640	0000882	5325 Elliott DR
	6/22/2024 5:53:40 PM	3988574	0000854	5860 Geddes RD
	6/27/2024 3:25:41 PM	3990676	0000911	8080 Park LN
	6/19/2024 2:47:30 PM	3987108	0000838	5341 Mcauley DR
	6/27/2024 8:25:10 AM	3990520	0000878	Superior RD
	6/20/2024 10:06:00 AM	3987492	0000846	N Prospect RD
	6/26/2024 8:20:49 AM	3990095	0000872	5301 Mcauley DR
	6/17/2024 8:08:00 AM	3985985	0000822	5341 Mcauley DR
	6/28/2024 4:29:40 PM	3991109	0000888	7548 Abigail DR
	6/28/2024 9:26:52 PM	3991224	0000889	229 Oakwood ST
	6/28/2024 4:41:00 PM	3991122	0000892	Ford RD
	6/29/2024 9:14:00 PM	3991688	0000895	1717 Dover CT
	6/30/2024 1:30:11 AM	3991753	0000896	618 N Ivanhoe AVE
622				
	6/2/2024 11:25:51 AM	3979485	0000751	9757 Maplelawn
	6/14/2024 4:19:41 PM	3984858	0000812	Geddes RD
	6/14/2024 7:01:57 AM	3984644	0000809	Ashley DR

	6/23/2024 10:14:40 PM	3989080	0000861	1515 Ridge RD
	6/27/2024 2:20:19 PM	3990651	0000884	1515 Ridge RD
	6/23/2024 12:32:12 PM	3988886	0000857	8643 Kingston CT
	6/17/2024 6:39:51 PM	3986247	0000827	Harvest LN
	6/29/2024 5:51:23 AM	3991328	0000891	9931 W Avondale CIR
631				
	6/8/2024 6:31:44 PM	3982276	0000793	Napier RD
651				
	6/11/2024 7:03:19 PM	3983560	0000804	5301 Mcauley DR
714				
	6/17/2024 6:46:48 PM	3986252	0000836	8100 Geddes RD
733				
	6/5/2024 10:55:55 AM	3980809	0000769	8582 Barrington DR
	6/5/2024 10:58:00 AM	3980811	0000778	1019 Macarthur DR
	6/19/2024 8:51:27 AM	3986948	0000837	5401 Mcauley DR
	6/17/2024 10:43:23 AM	3986048	0000828	5401 Mcauley DR
743				
	6/13/2024 7:21:42 AM	3984160	0000807	8861 Nottingham DR
	6/26/2024 9:45:52 PM	3990390	0000876	1769 Savannah LN
	6/23/2024 5:53:59 PM	3988990	0000859	10245 E Avondale CIR
	6/23/2024 5:32:34 PM	3988985	0000858	8522 Buckingham DR
	6/30/2024 9:41:49 AM	3991848	0000904	8535 Ashton CT
	6/30/2024 9:10:51 PM	3992075	0000905	1995 White Oak LN
744				
	6/8/2024 10:41:07 AM	3982104	0000788	1647 Golfview DR
	6/18/2024 8:32:00 AM	3986471	0000830	3405 Stewart CT
745				
	5/31/2024 10:52:52 AM	3978655	0000747	8989 Oxford CT
746				
	6/25/2024 2:02:06 AM	3989612	0000867	8650 Cedar CT

Incident List by Alarm Date/Time

Incident Number	Alarm Date	Alarm Time	Location	Incident Type Code	Incident Type	NFIRS Number
3978655	5/31/2024 10:52:52 AM	10:52 AM	8989 Oxford CT	745	Alarm system activation, no fire - unintentional	0000747
3978776	5/31/2024 4:14:54 PM	4:14 PM	Geddes RD	611	Dispatched & canceled en route	0000748
3978778	5/31/2024 4:22:12 PM	4:22 PM	1998 Hunters Creek DR	311	Medical assist, assist EMS crew	0000749
3978872	5/31/2024 8:36:03 PM	8:36 PM	3381 Beaumont AVE	554	Assist invalid	0000750
3979285	6/1/2024 10:49:42 PM	10:49 PM	1295 Stamford CT	554	Assist invalid	0000752
3979485	6/2/2024 11:25:51 AM	11:25 AM	9757 Maplelawn	622	No incident found on arrival at dispatch address	0000751
3979527	6/2/2024 1:10:26 PM	1:10 PM	1515 Ridge RD	611	Dispatched & canceled en route	0000753
3979559	6/2/2024 2:44:13 PM	2:44 PM	9779 Ford RD	311	Medical assist, assist EMS crew	0000755
3979562	6/2/2024 3:08:21 PM	3:08 PM	7980 Jordan CT	311	Medical assist, assist EMS crew	0000754
3979623	6/2/2024 5:24:52 PM	5:24 PM	9689 Macarthur BLVD	322	Motor vehicle accident with injuries	0000756
3979638	6/2/2024 6:10:51 PM	6:10 PM	1515 Ridge RD	311	Medical assist, assist EMS crew	0000757
3979713	6/2/2024 9:20:51 PM	9:20 PM	3847 Napier RD	321	EMS call, excluding vehicle accident with injury	0000758
3979820	6/3/2024 7:27:00 AM	7:27 AM	Ford RD	322	Motor vehicle accident with injuries	0000763
3979839	6/3/2024 8:16:00 AM	8:16 AM	Cherry Hill RD	321	EMS call, excluding vehicle accident with injury	0000760
3979851	6/3/2024 8:51:00 AM	8:51 AM	Plymouth RD	463	Vehicle accident, general cleanup	0000761
3979935	6/3/2024 12:38:00 PM	12:38 PM	W M-14 HWY	322	Motor vehicle accident with injuries	0000762
3980080	6/3/2024 6:05:54 PM	6:05 PM	8816 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000764
3980122	6/3/2024 7:32:49 PM	7:32 PM	1677 Fairway Glens DR	311	Medical assist, assist EMS crew	0000765
3980460	6/4/2024 4:25:56 PM	4:25 PM	9012 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000767
3980482	6/4/2024 5:08:24 PM	5:08 PM	5353 Mcauley DR	311	Medical assist, assist EMS crew	0000766
3980650	6/4/2024 11:24:39 PM	11:24 PM	1201 Stamford RD	311	Medical assist, assist EMS crew	0000768

3980732	6/5/2024 7:30:46 AM	7:30 AM	5325 Elliott DR	611	Dispatched & canceled en route	0000771
3980731	6/5/2024 7:34:13 AM	7:34 AM	5325 Elliott DR	611	Dispatched & canceled en route	0000774
3980809	6/5/2024 10:55:55 AM	10:55 AM	8582 Barrington DR	733	Smoke detector activation due to malfunction	0000769
3980811	6/5/2024 10:58:00 AM	10:58 AM	1019 Macarthur DR	733	Smoke detector activation due to malfunction	0000778
3980835	6/5/2024 11:44:55 AM	11:44 AM	1995 Wexford DR	554	Assist invalid	0000770
3980922	6/5/2024 3:14:03 PM	3:14 PM	9044 Macarthur BLVD	611	Dispatched & canceled en route	0000772
3980955	6/5/2024 4:13:10 PM	4:13 PM	8870 Macarthur BLVD	311	Medical assist, assist EMS crew	0000773
3981064	6/5/2024 10:00:26 PM	10:00 PM	9130 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000775
3981136	6/6/2024 6:14:47 AM	6:14 AM	8601 Cedar CT	321	EMS call, excluding vehicle accident with injury	0000785
3981220	6/6/2024 10:56:08 AM	10:56 AM	5477 W Clark RD	611	Dispatched & canceled en route	0000776
3981297	6/6/2024 2:02:25 PM	2:02 PM	5400 Plymouth RD	321	EMS call, excluding vehicle accident with injury	0000777
3981452	6/6/2024 7:34:02 PM	7:34 PM	5341 Mcauley DR	554	Assist invalid	0000781
3981475	6/6/2024 8:32:09 PM	8:32 PM	8618 Heather DR	444	Power line down	0000782
3981485	6/6/2024 9:02:15 PM	9:02 PM	8582 Barrington DR	321	EMS call, excluding vehicle accident with injury	0000779
3981504	6/6/2024 9:38:32 PM	9:38 PM	8618 Heather DR	444	Power line down	0000787
3981510	6/6/2024 10:02:59 PM	10:02 PM	9336 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000780
3981796	6/7/2024 3:04:40 PM	3:04 PM	4075 Gotfredson RD	311	Medical assist, assist EMS crew	0000783
3981798	6/7/2024 3:10:00 PM	3:10 PM	9258 Macarthur BLVD	424	Carbon monoxide incident	0000784
3981880	6/7/2024 6:50:07 PM	6:50 PM	8922 MacArthur BLVD	500	Service Call, other	0000786
3982104	6/8/2024 10:41:07 AM	10:41 AM	1647 Golfview DR	744	Detector activation, no fire - unintentional	0000788
3982257	6/8/2024 6:02:38 PM	6:02 PM	1931 Geddes RD	561	Unauthorized burning	0000789
3982276	6/8/2024 6:31:44 PM	6:31 PM	Napier RD	631	Authorized controlled burning	0000793
3982353	6/8/2024 10:50:00 PM	10:50 PM	Mario CT	611	Dispatched & canceled en route	0000792
3982489	6/9/2024	10:15	5040 Bosuns WAY	611	Dispatched & canceled en	0000790

	10:15:26 AM	AM			route	
3982532	6/9/2024 12:24:12 PM	12:24 PM	1767 Ridge RD	311	Medical assist, assist EMS crew	0000791
3982570	6/9/2024 1:44:48 PM	1:44 PM	9376 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000794
3982633	6/9/2024 4:21:29 PM	4:21 PM	1600 Stephens DR	321	EMS call, excluding vehicle accident with injury	0000795
3982791	6/10/2024 12:16:00 AM	12:16 AM	W M-14 HWY	324	Motor vehicle accident with no injuries.	0000796
3982950	6/10/2024 11:31:45 AM	11:31 AM	8843 Nottingham DR	554	Assist invalid	0000800
3983047	6/10/2024 3:39:20 PM	3:39 PM	6450 Indian Hills DR	311	Medical assist, assist EMS crew	0000801
3983220	6/10/2024 11:15:48 PM	11:15 PM	1295 Stamford CT	554	Assist invalid	0000821
3983297	6/11/2024 8:12:06 AM	8:12 AM	510 W Clark RD	311	Medical assist, assist EMS crew	0000802
3983399	6/11/2024 12:20:43 PM	12:20 PM	1515 Ridge RD	611	Dispatched & canceled en route	0000803
3983560	6/11/2024 7:03:19 PM	7:03 PM	5301 Mcauley DR	651	Smoke scare, odor of smoke	0000804
3983731	6/12/2024 5:46:15 AM	5:46 AM	955 E Clark RD	311	Medical assist, assist EMS crew	0000806
TRTFA3983869	6/12/2024 1:23:00 PM	1:23 PM	18130 Burtless RD	611	Dispatched & canceled en route	0000805
3984160	6/13/2024 7:21:42 AM	7:21 AM	8861 Nottingham DR	743	Smoke detector activation, no fire - unintentional	0000807
3984227	6/13/2024 10:38:16 AM	10:38 AM	8386 Ardmoor DR	311	Medical assist, assist EMS crew	0000808
3984644	6/14/2024 7:01:57 AM	7:01 AM	Ashley DR	622	No incident found on arrival at dispatch address	0000809
3984647	6/14/2024 7:09:12 AM	7:09 AM	1880 Ridge RD	321	EMS call, excluding vehicle accident with injury	0000811
3984779	6/14/2024 1:03:54 PM	1:03 PM	1515 Ridge RD	611	Dispatched & canceled en route	0000810
3984838	6/14/2024 3:44:58 PM	3:44 PM	1627 Harvest LN	321	EMS call, excluding vehicle accident with injury	0000819
3984858	6/14/2024 4:19:41 PM	4:19 PM	Geddes RD	622	No incident found on arrival at dispatch address	0000812
3985126	6/15/2024 8:58:30 AM	8:58 AM	1223 Stamford CT	321	EMS call, excluding vehicle accident with injury	0000813
3985148	6/15/2024 10:16:00 AM	10:16 AM	6729 Cherry Hill RD	311	Medical assist, assist EMS crew	0000824
3985217	6/15/2024 1:11:31 PM	1:11 PM	8597 Eral CT	111	Building fire	0000814
3985235	6/15/2024	1:57 PM	1677 Savannah	113	Cooking fire, confined to	0000823

	1:57:03 PM		CT		container	
3985448	6/15/2024 11:01:54 PM	11:01 PM	1664 Sheffield DR	321	EMS call, excluding vehicle accident with injury	0000816
3985493	6/16/2024 1:44:15 AM	1:44 AM	1515 Ridge RD	321	EMS call, excluding vehicle accident with injury	0000815
3985582	6/16/2024 10:38:04 AM	10:38 AM	6707 Fleming Creek DR	311	Medical assist, assist EMS crew	0000817
3985699	6/16/2024 3:16:09 PM	3:16 PM	E M-14 HWY	324	Motor vehicle accident with no injuries.	0000818
3985975	6/17/2024 7:35:05 AM	7:35 AM	8498 Berkshire DR	554	Assist invalid	0000820
3985985	6/17/2024 8:08:00 AM	8:08 AM	5341 Mcauley DR	611	Dispatched & canceled en route	0000822
3985986	6/17/2024 8:12:00 AM	8:12 AM	7020 Plymouth-Ann Arbor RD	324	Motor vehicle accident with no injuries.	0000825
3986048	6/17/2024 10:43:23 AM	10:43 AM	5401 Mcauley DR	733	Smoke detector activation due to malfunction	0000828
3986190	6/17/2024 4:11:00 PM	4:11 PM	Ford RD	324	Motor vehicle accident with no injuries.	0000826
3986247	6/17/2024 6:39:51 PM	6:39 PM	Harvest LN	622	No incident found on arrival at dispatch address	0000827
3986252	6/17/2024 6:46:48 PM	6:46 PM	8100 Geddes RD	714	Central station, malicious false alarm	0000836
3986366	6/18/2024 12:23:45 AM	12:23 AM	Geddes Road	444	Power line down	0000835
3986411	6/18/2024 5:09:00 AM	5:09 AM	3999 Albert DR	444	Power line down	0000831
3986471	6/18/2024 8:32:00 AM	8:32 AM	3405 Stewart CT	744	Detector activation, no fire - unintentional	0000830
3986490	6/18/2024 9:35:00 AM	9:35 AM	1966 Ridgeview	311	Medical assist, assist EMS crew	0000829
3986616	6/18/2024 2:19:51 PM	2:19 PM	7905 Geddes RD	445	Arcing, shorted electrical equipment	0000832
3986657	6/18/2024 3:22:41 PM	3:22 PM	9210 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000833
3986791	6/18/2024 9:17:32 PM	9:17 PM	1995 White Oak LN	113	Cooking fire, confined to container	0000834
3986948	6/19/2024 8:51:27 AM	8:51 AM	5401 Mcauley DR	733	Smoke detector activation due to malfunction	0000837
3987051	6/19/2024 12:32:39 PM	12:32 PM	1856 Evergreen LN	321	EMS call, excluding vehicle accident with injury	0000841
3987076	6/19/2024 1:38:24 PM	1:38 PM	8932 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000840
3987108	6/19/2024 2:47:30 PM	2:47 PM	5341 Mcauley DR	611	Dispatched & canceled en route	0000838
3987120	6/19/2024 3:02:50 PM	3:02 PM	5333 Mcauley DR	311	Medical assist, assist EMS crew	0000839

3987191	6/19/2024 5:22:51 PM	5:22 PM	10264 E Avondale CIR	321	EMS call, excluding vehicle accident with injury	0000842
3987229	6/19/2024 7:00:05 PM	7:00 PM	Golfside RD	611	Dispatched & canceled en route	0000843
3987284	6/19/2024 9:11:00 PM	9:11 PM	5400 Plymouth RD	311	Medical assist, assist EMS crew	0000845
3987385	6/20/2024 2:56:31 AM	2:56 AM	9751 Mulberry	554	Assist invalid	0000844
3987492	6/20/2024 10:06:00 AM	10:06 AM	N Prospect RD	611	Dispatched & canceled en route	0000846
3987589	6/20/2024 1:20:14 PM	1:20 PM	8832 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000847
3987685	6/20/2024 5:08:04 PM	5:08 PM	3040 N Prospect RD	321	EMS call, excluding vehicle accident with injury	0000848
3987732	6/20/2024 6:53:22 PM	6:53 PM	1515 Ridge RD	311	Medical assist, assist EMS crew	0000849
3987875	6/21/2024 4:50:55 AM	4:50 AM	1363 Stamford DR	321	EMS call, excluding vehicle accident with injury	0000850
3988021	6/21/2024 1:26:32 PM	1:26 PM	9775 Edgewood CT	311	Medical assist, assist EMS crew	0000851
3988135	6/21/2024 5:28:48 PM	5:28 PM	8380 Geddes Rd	611	Dispatched & canceled en route	0000852
3988322	6/22/2024 3:38:06 AM	3:38 AM	9951 W Avondale CIR	321	EMS call, excluding vehicle accident with injury	0000853
3988433	6/22/2024 11:26:29 AM	11:26 AM	Flying Pilgrims TRL	321	EMS call, excluding vehicle accident with injury	0000860
3988574	6/22/2024 5:53:40 PM	5:53 PM	5860 Geddes RD	611	Dispatched & canceled en route	0000854
3988688	6/22/2024 10:59:02 PM	10:59 PM	981 Stamford RD	321	EMS call, excluding vehicle accident with injury	0000868
3988804	6/23/2024 9:14:53 AM	9:14 AM	8498 Berkshire DR	554	Assist invalid	0000856
3988807	6/23/2024 9:23:39 AM	9:23 AM	1223 Stamford CT	311	Medical assist, assist EMS crew	0000855
3988886	6/23/2024 12:32:12 PM	12:32 PM	8643 Kingston CT	622	No incident found on arrival at dispatch address	0000857
3988985	6/23/2024 5:32:34 PM	5:32 PM	8522 Buckingham DR	743	Smoke detector activation, no fire - unintentional	0000858
3988990	6/23/2024 5:53:59 PM	5:53 PM	10245 E Avondale CIR	743	Smoke detector activation, no fire - unintentional	0000859
3989080	6/23/2024 10:14:40 PM	10:14 PM	1515 Ridge RD	622	No incident found on arrival at dispatch address	0000861
3989094	6/23/2024 10:58:51 PM	10:58 PM	8650 Cedar CT	321	EMS call, excluding vehicle accident with	0000863

					injury	
3989104	6/23/2024 11:37:04 PM	11:37 PM	8908 MacArthur BLVD	321	EMS call, excluding vehicle accident with injury	0000864
3989375	6/24/2024 3:14:46 PM	3:14 PM	1515 Ridge RD	542	Animal rescue	0000866
3989515	6/24/2024 8:23:42 PM	8:23 PM	1600 E Michigan AVE	132	Road freight or transport vehicle fire	0000862
3989555	6/24/2024 10:22:17 PM	10:22 PM	8650 Cedar CT	321	EMS call, excluding vehicle accident with injury	0000865
3989612	6/25/2024 2:02:06 AM	2:02 AM	8650 Cedar CT	746	Carbon monoxide detector activation, no CO	0000867
3989709	6/25/2024 9:57:26 AM	9:57 AM	1515 Ridge RD	311	Medical assist, assist EMS crew	0000869
3989871	6/25/2024 4:03:06 PM	4:03 PM	1836 Wexford DR	311	Medical assist, assist EMS crew	0000870
3990054	6/26/2024 5:20:42 AM	5:20 AM	Ford RD	322	Motor vehicle accident with injuries	0000871
3990095	6/26/2024 8:20:49 AM	8:20 AM	5301 Mcauley DR	611	Dispatched & canceled en route	0000872
3990184	6/26/2024 12:22:57 PM	12:22 PM	10978 Ford RD	321	EMS call, excluding vehicle accident with injury	0000874
3990185	6/26/2024 12:25:20 PM	12:25 PM	N Prospect RD	463	Vehicle accident, general cleanup	0000881
3990225	6/26/2024 2:11:23 PM	2:11 PM	2185 N Harris RD	171	Cultivated grain or crop fire	0000873
3990281	6/26/2024 5:14:14 PM	5:14 PM	1515 Ridge RD	611	Dispatched & canceled en route	0000875
3990372	6/26/2024 8:58:33 PM	8:58 PM	1515 Ridge RD	321	EMS call, excluding vehicle accident with injury	0000877
3990390	6/26/2024 9:45:52 PM	9:45 PM	1769 Savannah LN	743	Smoke detector activation, no fire - unintentional	0000876
3990493	6/27/2024 6:16:05 AM	6:16 AM	5305 Elliott DR	311	Medical assist, assist EMS crew	0000879
3990520	6/27/2024 8:25:10 AM	8:25 AM	Superior RD	611	Dispatched & canceled en route	0000878
3990618	6/27/2024 1:04:51 PM	1:04 PM	5341 Mcauley DR	311	Medical assist, assist EMS crew	0000880
3990622	6/27/2024 1:10:21 PM	1:10 PM	8776 Macarthur BLVD	321	EMS call, excluding vehicle accident with injury	0000885
3990640	6/27/2024 1:51:17 PM	1:51 PM	5325 Elliott DR	611	Dispatched & canceled en route	0000882
3990651	6/27/2024 2:20:19 PM	2:20 PM	1515 Ridge RD	622	No incident found on arrival at dispatch address	0000884
3990652	6/27/2024 2:30:56 PM	2:30 PM	1549 Harvest LN	311	Medical assist, assist EMS crew	0000883
3990676	6/27/2024	3:25 PM	8080 Park LN	611	Dispatched & canceled en	0000911

	3:25:41 PM				route	
3990735	6/27/2024 5:50:34 PM	5:50 PM	Cherry Hill RD	324	Motor vehicle accident with no injuries.	0000899
3990920	6/28/2024 7:06:43 AM	7:06 AM	1515 Ridge RD	311	Medical assist, assist EMS crew	0000887
3990922	6/28/2024 7:18:00 AM	7:18 AM	2920 N Harris RD	311	Medical assist, assist EMS crew	0000893
3991007	6/28/2024 11:50:21 AM	11:50 AM	7999 Ford RD	553	Public service	0000900
3991109	6/28/2024 4:29:40 PM	4:29 PM	7548 Abigail DR	611	Dispatched & canceled en route	0000888
3991122	6/28/2024 4:41:00 PM	4:41 PM	Ford RD	611	Dispatched & canceled en route	0000892
3991224	6/28/2024 9:26:52 PM	9:26 PM	229 Oakwood ST	611	Dispatched & canceled en route	0000889
3991240	6/28/2024 10:07:30 PM	10:07 PM	1515 Ridge RD	321	EMS call, excluding vehicle accident with injury	0000890
3991328	6/29/2024 5:51:23 AM	5:51 AM	9931 W Avondale CIR	622	No incident found on arrival at dispatch address	0000891
3991337	6/29/2024 7:02:23 AM	7:02 AM	W M-14 HWY	322	Motor vehicle accident with injuries	0000901
3991517	6/29/2024 1:51:18 PM	1:51 PM	9655 Wexford DR	321	EMS call, excluding vehicle accident with injury	0000894
3991688	6/29/2024 9:14:00 PM	9:14 PM	1717 Dover CT	611	Dispatched & canceled en route	0000895

Aid Given Or Received	Incident Number	NFIRS Number	Alarm Date	Aid Given Or Received Code	Aided Agency Name	Aiding Agency Name	Report Writer Last Name
Automatic aid given							
	3991224	0000889	6/28/2024 9:26:52 PM	4	Ypsilanti City Fire Department		CLARK
	3991753	0000896	6/30/2024 1:30:11 AM	4	Ypsilanti Township Fire Department		BURNS
	3987229	0000843	6/19/2024 7:00:05 PM	4	Ypsilanti Township Fire Department		CLARK
	3982489	0000790	6/9/2024 10:15:26 AM	4	Ypsilanti Township Fire Department		BURNS
Automatic aid received							
	3985217	0000814	6/15/2024 1:11:31 PM	2		Ypsilanti Township Fire Department	BACH
	3985217	0000814	6/15/2024 1:11:31 PM	2		Ypsilanti City Fire Department	BACH
Mutual aid given							
	TRTFA3983869	0000805	6/12/2024 1:23:00 PM	3	Manchester Township Fire Dept.		KUJAWA
	3985582	0000817	6/16/2024 10:38:04 AM	3	Huron Valley Ambualnce		COKER
	3989515	0000862	6/24/2024 8:23:42 PM	3	Ypsilanti Township Fire Department		CLARK
Mutual aid received							
	3990225	0000873	6/26/2024 2:11:23 PM	1		Ypsilanti Township Fire Department	BACH
	3990225	0000873	6/26/2024 2:11:23 PM	1		Washtenaw County Sheriff	BACH
	3990225	0000873	6/26/2024 2:11:23 PM	1		Huron Valley Ambualnce	BACH
	3979820	0000763	6/3/2024 7:27:00 AM	1		Ann Arbor Township Fire Department	PIERCE

Aided Agency Name	Details
Huron Valley Ambualnce	1 Rows
Manchester Township Fire Dept.	1 Rows
Ypsilanti City Fire Department	1 Rows
Ypsilanti Township Fire Department	4 Rows
	7 Rows

Alarm Date	Incident Number	NFIRS Number	Aid Given Or Received	Aiding Agency Name	Aided Agency Name
6/26/2024 2:11:23 PM	3990225	0000873	Mutual aid received	Ypsilanti Township Fire Department	
6/26/2024 2:11:23 PM	3990225	0000873	Mutual aid received	Washtenaw County Sheriff	
6/26/2024 2:11:23 PM	3990225	0000873	Mutual aid received	Huron Valley Ambualnce	
6/3/2024 7:27:00 AM	3979820	0000763	Mutual aid received	Ann Arbor Township Fire Department	
6/15/2024 1:11:31 PM	3985217	0000814	Automatic aid received	Ypsilanti Township Fire Department	
6/15/2024 1:11:31 PM	3985217	0000814	Automatic aid received	Ypsilanti City Fire Department	

Fire - False Alarms	Date: Tuesday, July 2, 2024 Time: 10:20:22 AM

Incident Date	Incident Number	NFIRS Number	Alarm Date	Incident Type	Incident Type Code	Street Or Highway Name	Property Use	Incident Narrative
6/17/2024 12:00:00 AM	3986252	0000836	6/17/2024 6:46:48 PM	Central station, malicious false alarm	714	Geddes	24-hour care Nursing homes, 4 or more persons	CHEVRETTE, VICTOR Jun 19 2024 08:53AM:Dispatched to listed location for reported fire alarm from a vestibule pull station. Chief 11 arrived on scene and met with nursing staff stating a patient attempting to leave the building had pulled the fire alarm to unlock the door. Chief 11 reset the pull station and alarm system. Additional units canceled enroute.
6/5/2024 12:00:00 AM	3980809	0000769	6/5/2024 10:55:55 AM	Smoke detector activation due to malfunction	733	Barrington	1 or 2 family dwelling	KIMBALL, RYAN Jun 05 2024 02:34PM:E11-2 and L11-1 were dispatched to reports of a fire alarm at the above address. While en route, L11-1 was diverted for another fire alarm that came in at the same time. E11-2 arrived to find a 2 story single family residential house with nothing showing. E11-2 was met by the homeowners outside. E11-2 entered the home and found no sign of smoke or fire. A faulty detector was located that kept falsely activating the alarm system. E11-2 informed the homeowners and returned to service. KIMBALL, RYAN Jun 05 2024 02:42PM:E11-2 and L11-1 were dispatched to reports of a fire alarm at the above address. While en route, L11-1 was diverted for another fire alarm that came in at the same time. E11-2 arrived to find a 2 story single family residential house with nothing showing. E11-2 was met by the homeowners outside. E11-2 entered the home and found no sign of smoke or fire. A faulty detector was located that kept falsely activating the alarm system. E11-2 informed the homeowners and returned to service. KIMBALL, RYAN Jun 05 2024 02:43PM:E11-2 and L11-1 were dispatched to reports of a fire alarm at the above address. While en

								route, L11-1 was diverted for another fire alarm that came in at the same time. E11-2 arrived to find a 2 story single family residential house with nothing showing. E11-2 was met by the homeowners outside. E11-2 entered the home and found no sign of smoke or fire. A faulty detector was located that kept falsely activating the alarm system. E11-2 informed the homeowners and returned to service.
6/5/2024 12:00:00 AM	3980811	0000778	6/5/2024 10:58:00 AM	Smoke detector activation due to malfunction	733	Macarthur	1 or 2 family dwelling	PIERCE, LANCE Jun 06 2024 06:08PM:L-11-1 was dispatched to the above location for a residential alarm. Arrived to find nothing visible from the outside, or through the windows. L-11-1 awaited the responding homeowner, and upon his arrival checked the home, and found no problems. Scene left with owner, and L-11-1 returned at 11:15.
6/17/2024 12:00:00 AM	3986048	0000828	6/17/2024 10:43:23 AM	Smoke detector activation due to malfunction	733	Mcauley	Hospital - medical or psychiatric	CLARK, JACOB Jun 19 2024 10:16AM:STFD responded to a fire alarm the location listed above. E11-2 arrived on scene and gave their size up single story hospital, nothing showing out checking. E11-2 was met by security and they stated there was no active fire. Crew walked the building and found no hazards and canceled L11-1. Crew gathered information from security and all STFD units returned to service.
6/19/2024 12:00:00 AM	3986948	0000837	6/19/2024 8:51:27 AM	Smoke detector activation due to malfunction	733	Mcauley	Hospital - medical or psychiatric	CLARK, JACOB Jun 19 2024 09:30AM:STFD responded to fire alarm at the location listed above. While en route per St. Joes security on scene stated false alarm. E11-2 would continue for a report and T11-1 returned to service. E11-2 arrived on scene and met with security and maintenance on scene, they stated they found nothing and were resetting the panel. E11-2 gathered information and E11-2 returned to service.
6/13/2024 12:00:00 AM	3984160	0000807	6/13/2024 7:21:42 AM	Smoke detector activation, no fire - unintentional	743	Nottingham	1 or 2 family dwelling	BURNS, JORDAN Jun 13 2024 07:56AM:STFD received a phone call into station 1 for a smoke Detector problem at the address above. Station 2 was notified and responded. Upon arrival found the

								residents to have a bad smoke detector. E-2 crew checked over the home and all smoke detectors. The one detector that was found to be bad was replaced by one. Smoke detector brands were First Alert installed 12-7-20. E-2 talked with the homeowner about year care and testing with the detectors. No other issue was discovered. STFD returned in service.
6/23/2024 12:00:00 AM	3988985	0000858	6/23/2024 5:32:34 PM	Smoke detector activation, no fire - unintentional	743	Buckingham	1 or 2 family dwelling	CLARK, JACOB Jun 23 2024 07:59PM:STFD was dispatched to a fire alarm at the location listed above. Dispatch notfied STFD units alarm company called back and requested a cancel. Base 11 stated they would remain in quarters and E11-2 would continue for a report. E11-2 arrived on scene and met with the homeowner outside he stated the steam from his girlfriend cooking set of the alarm. E11-2 gathered information and cleared the scene. All STFD units were back in service
6/23/2024 12:00:00 AM	3988990	0000859	6/23/2024 5:53:59 PM	Smoke detector activation, no fire - unintentional	743	Avondale	1 or 2 family dwelling	CLARK, JACOB Jun 23 2024 08:03PM:STFD responded to an alarm at the location listed above. E11-2 arrived on scene and gave their size up. Two story medium sized single family dwelling nothing showing out checking. Homeowner came outside and stated that she couldnt get to the phone quick enough for a cancel, her daughter was showering and the steam set off the alarm. E11-2 canceled L11-1. Crew gathered information from the home owner. All STFD units were cleared and returned to service.
6/26/2024 12:00:00 AM	3990390	0000876	6/26/2024 9:45:52 PM	Smoke detector activation, no fire - unintentional	743	Savannah	1 or 2 family dwelling	CLARK, JACOB Jun 26 2024 08:29PM:STFD responded to a fire alarm at the location listed above. E11-2 arrived on scene and gave their size up. 2 story single family dwelling nothing showing out checking. E11-2 made contact with people who were working on the house they stated the homeowner was not home but they were sanding and it set the detector off, and the homeowner was en-route. E11-2 relayed the information to L11-1 and L11-1 returned to service. Crew had homeowner on the phone and gathered information. All STFD units

								were cleared and returned to service.
6/30/2024 12:00:00 AM	3991848	0000904	6/30/2024 9:41:49 AM	Smoke detector activation, no fire - unintentional	743	Ashton	1 or 2 family dwelling	OBERSTAEDT, COREY Jun 30 2024 07:56PM:STFD dispatched for an alarm at the above listed address. E11-2 responded and arrived on scene to a 2 story residence with nothing showing. The homeowner was outside of the home and stated that the alarm activated due to a cooking mishap. There was no damage done to the home and the alarm had been reset. All STFD units returned in service.
6/30/2024 12:00:00 AM	3992075	0000905	6/30/2024 9:10:51 PM	Smoke detector activation, no fire - unintentional	743	White Oak	1 or 2 family dwelling	OBERSTAEDT, COREY Jun 30 2024 09:05PM:STFD dispatched for an alarm at the above listed address. E11-2 and T11-1 responded from a previous call on M-14. E11-2 and T11-1 cleared the previous call and arrived on scene to a single wide mobile home with noting showing. STFD made contact with a male in the home who stated that the alarm activated due to a cooking mishap and there was no damage to the home. All STFD units returned in service.
6/8/2024 12:00:00 AM	3982104	0000788	6/8/2024 10:41:07 AM	Detector activation, no fire - unintentional	744	Golfview	1 or 2 family dwelling	CLARK, JACOB Jun 08 2024 02:25PM:STFD responded to a a fire alarm at the location listed above. E11-2 arrived on scene and gave their size up. 2 story medium sized single family dwelling nothing showing out checking. Crew knocked on the door and home owner answered the door, she stated that she was cooking an omelet and that it set the detector off. E11-2 canceled L11-1 and L11-1 returned to service. E11-2 checking the kitchen and had no damage inside the kitchen and gathered homeowners information. All STFD units were cleared and returned to service.
6/18/2024 12:00:00 AM	3986471	0000830	6/18/2024 8:32:00 AM	Detector activation, no fire - unintentional	744	Stewart	1 or 2 family dwelling	PIERCE, LANCE Jun 18 2024 09:37AM:Units were dispatched to the above location for a residential fire alarm. T-11-1 arrived and made contact with the homeowner, who stated they had a culinary accident, no fire. Both units returned at 0846.

5/31/2024 12:00:00 AM	3978655	0000747	5/31/2024 10:52:52 AM	Alarm system activation, no fire - unintentional	745	Oxford	Residential, other	OBERSTAEDT, COREY May 31 2024 05:05PM:STFD dispatched for a fire alarm at the above listed address. E11-2 and L11-1 responded to the scene. E11-2 arrived on scene to a 2 story residential home with nothing showing. STFD was met by the homeowner at the front door. The homeowner stated that her basement smoke alarm started going off for an unknown reason. STFD cleared the home and the homeowner made contact with the alarm company. All STFD units returned in service.
6/25/2024 12:00:00 AM	3989612	0000867	6/25/2024 2:02:06 AM	Carbon monoxide detector activation, no CO	746	Cedar	1 or 2 family dwelling	CLARK, JACOB Jun 25 2024 07:53AM:STFD was dispatched to the location above for a carbon monoxide detection. Per dispatch notes called into YFD, E11-2 had previously run on a patient at this address and was transported to the hospital, patient possibly had CO poisoning and couldn't get ahold of anyone in the home and wanted a welfare check as well, with PD en route. Station one would remain in quarters. E11-2 arrived on scene and knocked on the door and homeowner answered the door, crew notified them of the situation and they stated they were sleeping that's why they didn't answer. PD was canceled, E11-2 checked the entire home with the 4 gas monitor and had zero readings throughout the home. E11-2 left the scene with the homeowner and E11-2 returned to service.

Incident Type Code	Incident Date	Incident Number	Contents Loss	Incident Type	District	Zip	Apparatus Total	Total Value	Total Loss	Percent Saved	Property Value	Percent Lost	Property Loss	Contents Value	Contents Loss	NFIRS Number
111																
								$5,000.00	$2,000.00							
	6/15/2024	3985217		Building fire	Superior Township 34	48198	1	$5,000.00	$2,000.00	60.00%	$5,000.00	40.00%	$2,000.00			0000814
113																
								$0.00	$300.00							
	6/15/2024	3985235		Cooking fire, confined to container	Superior Township 34	48198	1	$0.00	$0.00	NaN		NaN				0000823
	6/18/2024	3986791	$0.00	Cooking fire, confined to container	Superior Township 35	48198	2	$0.00	$300.00	-Infinity		NaN	$300.00		$0.00	0000834
132																
								$0.00	$0.00							
	6/24/2024	3989515		Road freight or transport vehicle fire	Out Of District	48198	1	$0.00	$0.00	NaN		NaN				0000862
171																
								$5,750.00	$900.00							
	6/26/2024	3990225	$400.00	Cultivated grain or crop fire	Superior Township 34	48198	4	$5,750.00	$900.00	84.35%	$5,000.00	15.65%	$500.00	$750.00	$400.00	0000873
311																
								$0.00	$0.00							
	5/31/2024	3978778		Medical assist, assist EMS crew	Superior Township 33	48198	1	$0.00	$0.00	NaN		NaN				0000749
	6/2/2024	3979559		Medical assist, assist EMS crew	Superior Township 11	48198	1	$0.00	$0.00	NaN		NaN				0000755
	6/2/2024	3979638		Medical assist, assist EMS crew	Superior Township 36	48198	1	$0.00	$0.00	NaN		NaN				0000757
	6/2/2024	3979562		Medical assist, assist EMS crew	Superior Township 33	48198	1	$0.00	$0.00	NaN		NaN				0000754
	6/3/2024	3980122		Medical assist, assist EMS crew	Superior Township 35	48198	1	$0.00	$0.00	NaN		NaN				0000765
	6/4/2024	3980482		Medical assist, assist EMS crew	Superior Township 32	48197	1	$0.00	$0.00	NaN		NaN				0000766
	6/4/2024	3980650		Medical assist, assist EMS crew	Superior Township 34	48198	1	$0.00	$0.00	NaN		NaN				0000768
	6/5/2024	3980955		Medical assist, assist	Superior	48198	1	$0.00	$0.00	NaN		NaN				0000773

Superior Charter Township Park Commission
Regular Meeting
May 28, 2024

Adopted Minutes

1. Call to Order
   The meeting was called to order by Chair Nahid Sanii Yahyai at 6:30 pm.

2. Roll Call
   Park Commissioners present: Nahid Sanii-Yahyai, Greg Vessels, Jack Smiley, Riley Schofield, Curtis Freeman

   Park Commissioners absent: Guy Conti – excused

   Others present: Trustee Bernice Lindke; Juan Bradford, Parks & Rec Director; Don Waligore, Maintenance Supervisor; Brenda Baker, Irma Golden

3. Flag Salute
   Chair Nahid Sanii-Yahyai led those assembled in the Pledge of Allegiance to the Flag.

4. Agenda Approval
   It was moved by Curtis Freeman and supported by Riley Schofield to approve the agenda as drafted. The motion carried.

5. Prior Meeting Minutes Approval
   A. April 22, 2024
      It was moved by Greg Vessels and supported by Riley Schofield to approve the minutes of 4/22/2024 as drafted. The motion carried.

6. Citizen Participation – none

7. Reports
   A. Chairperson
      Chair Nahid Sanii-Yahyai noted she was unable to attend the Bird Watching Event on May 18 due to a funeral, but understood it was a successful event. She thanked Jack Smiley for leading the event, and asked if he had any comments. Jack noted a fair variety of birds were seen during the event.

   B. Director
      Juan Bradford submitted a written report. He added to that report that 38 people, including 8 children attended the Bird Watching Event. Several had not been to Cherry Hill Nature Preserve (CHNP) before. Juan responded to a question from a park commissioner about the orienteering course that will be conducted by the Michigan Folk School on June 8 and on July 27. Participants in these courses will have to pay a fee. The courses take place in a township park but are not sponsored or conducted by the Park Commission.

   C. Board Liaison
      Trustee Bernice Lindke submitted a written report. During Citizen Participation Juan Bradford reported that both the Township Roadside Clean-up on April 20 and the Bird Watching Event on May 18 were successful, and informed board members that Superior Day is scheduled on June 8 in Oakbrook Park. Irma Golden asked the board to maintain vegetation near the pathway on the east side of N. Prospect between Geddes and Berkshire, as it is seriously overgrown. Board members responded they will ask Conklin Lawn Care to add this to their contract with the township. The township will close on purchase of the Dixboro Green tomorrow. Clerk Findlay reported that the sale

of Cheney School property to Washtenaw County will close soon, and demolition of the structure will occur soon after the closing. The Roads Committee will be re-established. It will contain four members, two from the elected township board and two citizens at large. Its purpose will be to review the condition of the roads in Superior Twp, and prioritize repairs. A contract has been drafted with farmer Steve Peach to lease 206 acres of the "Rock Property" for the price of $43.00 per acre for an annual cost in 2024 of $8,858. The purchase of trees for Clay Hill Farm costing $6,754 was approved. Trustee Lindke presented information to board members about a company name "VC3" that is an IT consultant. She spoke with representatives of VC3 at a Michigan Township Association conference and thinks they should be considered for township IT services. She also learned about a consultant company named the Woodhill Group that provides financial support services and may be able to provide HR services.

D. Board Attendee Report
Martha Kern-Boprie attended the May 20 Township Board meeting and submitted a written report. She concurred with Trustee Lindke's report.

E. Park Steward
No report.

F. Safety
Don Waligore, maintenance supervisor reported there were no accidents or injuries in the past month.

8. Communications
   A. MDHHS Press Release: Staying Healthy during Poor Air Quality Days

It was moved by Martha Kern-Boprie and supported by Greg Vessels to receive the communications. The motion carried.

9. Old Business
   A. Community Center Advisory Committee (CCAC) Update
   Juan Bradford informed the park commissioners that the next meeting of the CCAC will be held this Thursday. Closing on the purchase of the former Cheney School property by Washtenaw County will close tomorrow. The contract for demolition of the school building has been approved. Curtis Freeman asked if it would be possible to allow members of the community to walk through the building before it is demolished. Curtis noted this school was a major positive addition to the Willow Run School District when it opened in the fall of 1970. If safe to do so, some people may want to walk through it again.

   B. Ypsilanti Township recreation facilities use agreement
   There has been no progress on this proposed agreement. Officials from Ypsilanti Township express no interest in completing an agreement.

   C. Fireman's Park Improvements Update
   All play structures have been installed. Engineered wood fiber still must be installed. Pavilion construction is underway now. Sidewalk installation is underway now. Grading and grass seeding is next.

   D. Park Maintenance Staff Restroom Construction Update
   Don Waligore reported the restroom is complete. He thanked Juan Bradford, Park Commissioners and the Township Board for their support of this restroom. The presence of this restroom will save a lot of time and increase the efficiency of park staff, now that they do not have to drive to the township hall every time they need to use a restroom.

10. New Business
    A. Resolution 2024-02: Rock Property

It was moved by Martha Kern-Boprie and supported by Jack Smiley to adopt Resolution 2024-02
WHEREAS, the Superior Township Board of Trustees previously purchased 301 acres in the township commonly known as the "Rock Property" for $2.4 million; and

WHEREAS, the legal parcel numbers for the individual properties that make up the "Rock Property" are J-10-20-200-002, J-10-20-200-003, J-10-20-300-001, J-10-29-200-001, J-10-29-200-006 and J-10-30-400-037; and

WHEREAS, the Superior Township Board of Trustees purchased the property with the intent of preserving the land, woods, and cropland for environmental conservation and public recreation; and

WHEREAS, the Superior Township Parks and Recreation Commission shares the Board of Trustees' vision of preserving precious green space for future generations; and

WHEREAS, the Superior Township Parks and Recreation Commission identifies preserving, improving, and protecting valuable natural resource green spaces as part of its Mission Statement; and

WHEREAS, one of the main goals of the 2023-2027 Superior Township Parks, Recreation and Open Space Master Plan is to encourage the conservation and preservation of natural areas which includes the protection of natural corridor networks for human users, wildlife and vegetation; and

WHEREAS, two Open Houses were held in preparation of the 2023-2027 Superior Township Parks, Recreation and Open Space Plan in which 81% of participants identified preservation of natural resources as "very important"; and

WHEREAS, THE Parks and Recreation Commission will work with a local land conservation entity to establish a conservation easement on the "Rock Property" to ensure the property is maintained and protected in perpetuity by utilizing best practices.

NOW THEREFORE BE IT RESOLVED, THAT THE Superior Township Parks and Recreation Commission requests that the Superior Township Board of Trustees place the 301 acres in the Township known as the "Rock Property" which is comprised of parcel numbers J-10-20-200-002, J-10-20-200-003, J-10-20-300-001, J-10-29-200-001, J-10-29-200-006 and J-10-30-400-037 under the jurisdiction of the Superior Township Parks and Recreation Commission so that the Commission can work to establish a conservation easement on the property via resolution at the June 18, 2024 Board of Trustees meeting.

A roll call vote was taken on the resolution.

Riley Schofield	Yes
Curtis Freeman	Yes
Guy Conti	Absent
Martha Kern-Boprie	Yes
Greg Vessels	Yes
Nahid Sanii-Yahyai	Yes
Jack Smiley	Yes

The resolution was approved.

    B. Detroit Greenbelt Proposal

Jack Smiley presented information on a proposed greenbelt around the metro Detroit area. He asked the Park Commission to endorse this proposal and send a cover letter to state legislators representing districts in Washtenaw County.
It was moved by Jack Smiley and supported by Nahid Sanii-Yahyai to have the Superior Charter Township Park Commission endorse the proposal to create a Metro Detroit Greenbelt, and to send a cover letter to state legislators from Washtenaw County requesting $35 million be appropriated to Superior Charter Township to protect natural and agricultural land in the township. The motion carried.

C. Volunteers at June Events

1. Superior Day June 8 Oakbrook Park 11:00 am – 2:00 pm
   Volunteers should arrive at Oakbrook Park by 10:00 am.
   Volunteering Commissioners
   Nahid Sanii-Yahyai Jack Smiley
   Martha Kern-Boprie Greg Vessels – possibly

2. Kite & Rocket Day/Firemans Park Ribbon Cutting June 22 11:00 am – 2:00 pm
   Volunteers should arrive by 10:30 am. The ribbon cutting will take place in the first half hour of the event.
   Volunteering Commissioners
   Nahid Sanii-Yahyai Curtis Freeman
   Greg Vessels – possibly

D. Ypsilanti Juneteenth Celebration
Trische Duckworth is the organizer of the Ypsilanti Juneteenth Celebration that will take place June 22 and 23. She sent correspondence to candidates for township office, asking them to contribute financially to this event. Nahid Sanii-Yahyai proposed having the Park Fund make a contribution in order to secure a table at the event and if it permitted by law we should support it. Martha Kern-Boprie objected because public funds cannot be used for contributions. Martha noted she made a personal contribution to the Juneteenth Celebration. There was an extended discussion of what is permitted. Curtis Freeman spoke about reservations regarding celebrating Juneteenth rather than contemplating it, and what it said about America that people were kept in slavery for 18 months after it was outlawed. No action was taken by the Park Commission.

11. Bills for Payment
It was moved by Greg Vessels and supported by Martha Kern-Boprie to approve payment of the bills through 5/28/24 totaling $46,248.66. The motion carried.

12. Financial Statements
It was moved by Martha Kern-Boprie and supported by Riley Schofield to receive the April 2024 financial statements. The motion carried.

13. Pleas and Petitions
Nahid Sanii-Yahyai asked Trustee Bernice Lindke to provide a summary of the Michigan Township Association (MTA) conference she attended in April. Bernice attended a number of workshops that were very helpful. She also had the opportunity to confer with several vendors, including one that provides IT consulting services, and another that provides financial controller services. She recommended that Park Dept staff and commissioners attend these conferences in the future.

Jack Smiley commented that he runs the organic garden at the Conservancy Farm, and there are a few garden plots still available.

Bernice Lindke recommended that a portion of the “Rock” property become a park with programming.

Curtis Freeman thanked Juan Bradford and Jack Smiley for the Bird Watching Event.

14. Adjournment
    It was moved by Curtis Freeman and supported by Greg Vessels to adjourn at 7:40 pm. The motion carried.

    Submitted by,
    Martha Kern-Boprie
    Park Commissioner and Secretary

Utility Department Memorandum

To: Superior Township Board of Trustees
From: Mary Burton
Date July 15, 2024
Re: Utility Department Report

- 2023 Water Quality Report released
  The 2023 Water Quality Report was officially released on June 26, 2024 to the public. The report was posted and can be accessed on multiple media platforms that include Facebook, Instagram, Superior Township website and more. The Certificate of Distribution has been completed and filed through EGLE. Printed or electronic copies can be requested via email or by calling the Utility Admin Office.

- Water/Sewer Rate Increase
  We received notification from Ann Arbor Township and YCUA of water and sewer rate increases to take effect in July and September 2024. New rates will be presented to the Board of Trustees for final approval on July 15, 2024.

- Ann Arbor Township Connection Fees Increase
  Water and Sewer connection fees for Ann Arbor Township have been increased by 17.9%. The Ann Arbor Township Board approved the increase to go into effect July 1, 2024. This utility connection permit increase will be passed through to any new Superior Township developments that require water/sewer taps from Ann Arbor Township/Distribution 2.

- Annual Lead & Copper Testing
  Superior Township Lead and Copper testing will take place on July15th to July 17th. There are 20 participants required to provide water samples for this program.

JULY 2024 ASSESSING DEPARTMENT REPORT

TO: Superior Township Board of Trustees

FROM: Paula Calopisis, Assessor

SUBJECT: Assessing Department Activity Report for the Meeting on July 15, 2024
(not a complete list)

The assessor conducted the following business activities during the month of June:

- Provided the 2024 values to the treasurer's office to be used for the tax bills, and compared our reports with the county to confirm that we balanced
- Spoke with numerous residents and potential purchasers with questions regarding Land Divisions
- 2 FOIA Requests-Sent a copy of our database for one, and 18 pages of information for the other.
- Created 2 new addresses
- Worked with zoning to answer questions regarding land divisions.
- Public Act 660 of 2018-Attended a meeting with the State Tax Commission auditor at Washtenaw County Equalization for the final step of my township assessing audit
- I received my audit results from the state showing that I passed with 100% which is a great accomplishment to achieve. This required many long 12 to 15 hour days from January through April.
- Ran 8 reports and e-mailed them to PFM Financial Advisors, with the values broken down for 6 different school districts
- Entered adjustments for a Michigan Tax Tribunal and advised the treasurer's office and the county of the new taxable values
- Attended the Washtenaw County Assessor meeting in Scio Township.
- Checked Principal Residence Exemptions and sent 3 to the county for previous year refunds or adjustments
- Entered Veterans Exemptions

The appraisers conducted the following business activities during the month of June:

- Completed site visits for 39 final building inspections which included new construction.
- Accepted and entered 55 property transfers, principal residence exemptions, and rescinds.
- Accepted 1 veteran's exemptions.
- Accepted 3 poverty exemptions and created spreadsheets showing calculations.
- Inspected 9 homes for the 2024 summer reappraisal project mandated by the state.
- Assisted with numerous phone calls that came in to the township.

GENERAL BANK - MAY 2024 RECONCILIATION

Fund Account	Description	Balance 05/01/2024	Total Debits	Total Credits	Balance 05/31/2024
001.001	CHASE 5503 - DAILY OPERATING CHECKING	501,301.81	51,289.94	266,451.57	286,140.18
Fund 203 SIDE STREET MAINTENANCE					
001.001	CHASE 5503 - DAILY OPERATING CHECKING	12,796.64	22,342.57	3,391.46	31,747.75
Fund 211 LEGAL DEFENSE FUND					
001.001	CHASE 5503 - DAILY OPERATING CHECKING	3,172.25	3.52	1,586.00	1,589.77
Fund 219 STREET LIGHT FUND					
001.001	CHASE 5503 - DAILY OPERATING CHECKING	91,259.99	184.33	8,239.72	83,204.60
Fund 249 BUILDING					
001.001	CHASE 5503 - DAILY OPERATING CHECKING	396,496.98	81,878.34	23,952.49	454,422.83
Fund 266 LAW ENFORCEMENT FUND					
001.001	CHASE 5503 - DAILY OPERATING CHECKING	1,067,812.81	26,019.20	152,994.65	940,837.36
Fund 508 PARKS & RECREATION					
001.001	CHASE 5503 - DAILY OPERATING CHECKING	396,740.97	34,032.59	36,911.17	393,862.39
Fund 701 TRUST AND AGENCY					
001.001	CHASE 1161 - DAILY OPERATING CHECKING	461,842.30	452,526.72	914,361.99	7.03
	TOTAL - ALL FUNDS	2,931,423.75	668,270.18	1,407,889.05	2,191,811.91

Bank Balance per statement	$2,196,037.85
Outstanding Checks	-$5,087.94
Deposits/CC in Transit	$702.00
Misc Items	$160.00
Total	**$2,191,811.91**

Memorandum

To: Township Board
From: Keith Lockie
Date: July 15, 2024
Re: Controller's Report

Please find the June Balance Sheets (incomplete) for all funds in the packet. The June quarterly Income Statements will not be ready till the August board meeting.

Mary Burton will be putting through water/sewer and UC permit increases for Ann Arbor Township supplied houses. These will just be a cost pass-through from Ann Arbor Township, to maintain our markups.

Mary Burton will also be recommending a water/sewer increase for the YCUA provided houses. This increase will be the YCUA increase + 1% (per the last rate study).

Budget Amendments:

FUND	DEPT.	ACCT. #	DESCRIPTION	APPROVED AMOUNT	CHANGE +/(-)	AMENDED AMOUNT	REASON
Utility	000	421	New Cust. Fees	$20,000	$30,000	$50,000	1
		423	Cust. Call Out	150	7,000	7,150	1
		441	Interest on Bank Accts.	6,000	12,000	18,000	2
	611MF	620	R&M	20,000	15,000	35,000	3
	650	651	Uniforms	0	3,750	3,750	4
		652	Mileage	0	16,000	16,000	4
		653	Employee Training	0	10,000	10,000	4
		656	Misc. Emp. Expenses	0	100	100	4
	850	856	Transfer to Cap. Res.	301,717	4,150	305,867	

1 - Increased Building
2 - Higher Interest Rates
3 - Security Upgrades
4 - New Budget

Parks	770	985.000	Equip. Over $5,000	$0	$5,697	$5,697	1
	000	699.999	Approp. From F. B.	7,089	5,697	12,786	

1 - New Landscape Trailer

GF	000	577.002	ROW Revenue	$10,005	$5,053	$15,058	1
		688.000	Misc. Income	5,000	17,000	22,000	2
	261	805.007	Dixboro SH	15,000	55,000	70,000	3
	446	805.000	Contracting Serv.	1,000	19,000	20,000	4
	000	699.999	Approp. From F. B.	530,221	51,947	582,168	

1 - Add'l Revenue from Metro ACT Fund

2 - Drug Settlement Income

3 - Purchase of Land

4 - Final cleanup for Harris/MacArthur

Building	000	628.000	Charges for Serv.	$225,000	$70,000	$295,000	1
	000	699.999	Approp. From F. B.	141,039	70,000	71,039	

1 - Increased Building

Law	000	664.000	Interest/Dividends	$25,000	$20,000	$45,000	1
	965	965.000	Transfer to Reserves	809,059	20,000	829,059	

1 - Higher Interest Rates

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 101 GENERAL

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
101-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	651,888.76	136,205.27
101-000-001.002	HUNT 0768 CHK - GEDDES ROAD	12,173.37	12,351.88
101-000-001.003	HUNT 6873 HYB - FIRE INSURANCE WITHHOLD	9,657.32	9,657.32
101-000-001.004	COMERICA 9108 CHKG - CREDIT CARDS	7,119.63	10,633.44
101-000-001.005	COMERICA 5286 CHKG - ACCRUED ABSENCES	19,427.33	19,427.33
101-000-002.001	CHASE 5503 - NON-MOTORIZED TRAILS	30,659.02	0.00
101-000-002.002	COMERICA 6074 J-FUND GEDDES ROAD	203,134.80	25,476.61
101-000-003.001	90 DAY CD - CHASE	189,959.18	0.00
101-000-004.001	PETTY CASH	100.00	100.00
101-000-004.002	REGISTER DRAWER CASH	300.00	100.00
101-000-013.000-CTAP	CHASE 5503 - DAILY OPERATING CHECKING	38,729.50	0.00
101-000-017.001	CHASE 5503 - GOVERNMENT T-BILLS	594,461.75	589,642.72
101-000-017.002	COMERICA - GOVERNMENT T-BILLS	257,754.60	118,098.50
Cash		2,015,365.26	921,693.07
Accounts Receivable			
101-000-020.001	A/R - TAXROLL REVENUE	0.00	(165.08)
101-000-040.001	A/R - CABLE FEES AT&T AND COMCAST	147,238.17	150,913.19
101-000-040.002	A/R - OTHER	339,234.49	378,039.49
101-000-040.003	A/R - COBRA PARTICIPANTS	0.00	28.39
101-000-078.003	A/R - STATE OF MICHIGAN EVIP	33,280.00	45,822.00
Accounts Receivable		519,752.66	574,637.99
Other Assets			
101-000-056.000	A/R - ACCRUED INCOME	808.15	110.95
101-000-123.000	PRE-PAID EXPENSES MISC.	199.00	751.97
101-000-123.050	PREPAID INSURANCE	16,086.78	32,831.57
101-000-126.000	UNREALIZED GAINS/LOSSES	25,481.39	58,734.46
Other Assets		42,575.32	92,428.95
Due From Other Funds			
101-000-084.206	DUE FROM FIRE FUND	648.00	398.00
101-000-084.211	DUE FROM LEGAL DEFENSE FUND	76,648.00	98,225.50
101-000-084.249	DUE FROM BUILDING FUND	215.00	0.00
101-000-084.508	DUE FROM PARK FUND	0.00	15.99
101-000-084.592	DUE FROM UTIL	7,550.92	0.00
101-000-084.701	DUE FROM TRUST & AGENCY	0.00	100.00
101-000-084.703	DUE FROM TAX FUND-COLLECTED TAXES	14.11	57,848.11
101-000-084.704	DUE FROM PAYROLL FUND	4,937.79	4,937.79
Due From Other Funds		90,013.82	161,525.39
Total Assets		**2,667,707.06**	**1,750,285.40**
*** Liabilities ***			
Accounts Payable			
101-000-202.000	A/P - VENDORS	49,945.09	118,401.81
101-000-202.200	A/P - CREDIT CARD ACCOUNT	4,287.89	7,666.01
Accounts Payable		54,232.98	126,067.82
Liabilities-ST			
101-000-237.001	FIRE INSURANCE WITHHOLD PROGRAM	9,500.00	9,500.00
101-000-257.000	ACCURED WAGES PAYABLE	0.00	40,541.00
101-000-260.000	ACCRUED PTO	0.00	3,979.00
Liabilities-ST		9,500.00	54,020.00
Liabilities-LT (under 1 year)			
Liabilities-LT (under 1 year)		0.00	0.00

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 101 GENERAL

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Liabilities ***			
Liabilities-LT (over 1 year)			
101-000-360.001	DEFERRED REVENUE PILOT	891.04	891.04
Liabilities-LT (over 1 year)		891.04	891.04
Due To Other Funds			
101-000-214.206	DUE TO FIRE FUND	112,547.92	0.00
Due To Other Funds		112,547.92	0.00
Total Liabilities		**177,171.94**	**180,978.86**
*** Fund Balance ***			
Unassigned			
101-000-390.000	FUND BALANCE - UNDESIGNATED	1,841,735.82	1,610,485.09
Unassigned		1,841,735.82	1,610,485.09
Assigned			
101-000-385.001	FUND BALANCE - GEDDES ROAD	211,583.89	220,612.68
101-000-385.002	FUND BALANCE - NM TRAILS MAINT.	30,659.02	30,659.02
101-000-385.003	FUND BALANCE - RIGHT OF WAY	25,665.77	18,195.35
101-000-385.004	FUND BALANCE - ACCRUED ABSENCES	30,965.08	61,042.29
101-000-385.005	FUND BALANCE - TREE PRESERVATION FUND	247,500.00	247,500.00
Assigned		546,373.76	578,009.34
Total Fund Balance		**2,388,109.58**	**2,188,494.43**
Beginning Fund Balance		**2,140,609.58**	**2,188,494.43**
Net of Revenues VS Expenditures		**102,425.54**	**(619,187.89)**
Fund Balance Adjustments		**247,500.00**	**0.00**
Ending Fund Balance		**2,490,535.12**	**1,569,306.54**
Total Liabilities And Fund Balance		**2,667,707.06**	**1,750,285.40**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 203 SIDE STREET MAINTENANCE

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
203-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	4,687.66	29,601.05
203-000-003.001	90 DAY CD - CHASE	3,610.96	0.00
Cash		8,298.62	29,601.05
Accounts Receivable			
203-000-020.000	A/R - TAXROLL REVENUE	22,225.22	0.00
Accounts Receivable		22,225.22	0.00
Total Assets		**30,523.84**	**29,601.05**
*** Liabilities ***			
Accounts Payable			
Accounts Payable		0.00	0.00
Liabilities-LT (under 1 year)			
Liabilities-LT (under 1 year)		0.00	0.00
Total Liabilities		**0.00**	**0.00**
*** Fund Balance ***			
Unassigned			
203-000-390.000	FUND BALANCE - UNDESIGNATED	15,104.49	14,316.72
Unassigned		15,104.49	14,316.72
Total Fund Balance		**15,104.49**	**14,316.72**
Beginning Fund Balance		**15,104.49**	**14,316.72**
Net of Revenues VS Expenditures		**15,419.35**	**15,284.33**
Ending Fund Balance		**30,523.84**	**29,601.05**
Total Liabilities And Fund Balance		**30,523.84**	**29,601.05**

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
206-000-001.001	HUNT 6014 - DAILY OPERATING CHECKING	(1,264,786.95)	494,550.64
206-000-002.001	COMERICA 5587 J-FUND - ACCRUED ABSENCES	441,269.80	462,423.04
206-000-002.002	COMERICA 5588 J-FUND - DAILY OPERATING	939,601.91	645,587.62
206-000-013.000-AFG9	HUNT 6014 - DAILY OPERATING CHECKING	113,082.17	0.00
206-000-013.000-RITF	FM 6709 - DAILY OPERATING CHECKING	347,542.68	0.00
206-000-013.000-SAFE	HUNT 6014 - DAILY OPERATING CHECKING	555,235.90	0.00
206-000-013.000-SCBA	HUNT 6014 - DAILY OPERATING CHECKING	1,243,415.02	0.00
206-000-016.000-AFGT	COMERICA 9652 MM - DAILY OPERATING	(323,546.00)	0.00
206-000-017.001	HUNT 6014 - GOVERNMENT T-BILLS	691,976.20	347,821.13
206-000-017.002	COMERICA - GOVERNMENT T-BILLS	713,594.67	326,944.37
206-000-017.003	HUNT 5377 - GOVERNMENT T-BILLS	0.00	999,557.85
Cash		3,457,385.40	3,276,884.65
Accounts Receivable			
206-000-020.000	A/R - TAXROLL REVENUE	0.00	1,448.71
206-000-040.002	A/R - OTHER	6,690.91	0.00
Accounts Receivable		6,690.91	1,448.71
Other Assets			
206-000-056.000	A/R - ACCRUED INCOME	4,206.60	4,823.90
206-000-123.000	PRE-PAID EXPENSES MISC.	354.81	598,569.96
206-000-123.050	PREPAID INSURANCE	82,774.44	122,006.12
206-000-126.000	UNREALIZED GAINS/LOSSES	12,549.33	40,866.38
Other Assets		99,885.18	766,266.36
Due From Other Funds			
206-000-084.101	DUE FROM GENERAL FUND	112,547.92	0.00
206-000-084.592	DUE FROM UTIL	571.40	0.00
206-000-084.704	DUE FROM PAYROLL FUND	200,000.00	200.00
Due From Other Funds		313,119.32	200.00
Total Assets		**3,877,080.81**	**4,044,799.72**
*** Liabilities ***			
Accounts Payable			
206-000-202.000	A/P - VENDORS	175,323.18	17,299.13
Accounts Payable		175,323.18	17,299.13
Liabilities-ST			
206-000-257.000	ACCURED WAGES PAYABLE	0.00	58,806.00
206-000-260.000	ACCRUED PTO	0.00	43,841.00
Liabilities-ST		0.00	102,647.00
Liabilities-LT (under 1 year)			
Liabilities-LT (under 1 year)		0.00	0.00
Liabilities-LT (over 1 year)			
206-000-339.001	DEFERRED REVENUE PILOT	3,852.89	3,852.89
Liabilities-LT (over 1 year)		3,852.89	3,852.89
Due To Other Funds			
206-000-214.101	DUE TO GENERAL FUND	648.00	1,417.40
Due To Other Funds		648.00	1,417.40
Total Liabilities		**179,824.07**	**125,216.42**

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Fund Balance ***			
Unassigned			
206-000-390.000	FUND BALANCE - UNDESIGNATED	1,559,209.73	1,313,774.97
Unassigned		1,559,209.73	1,313,774.97
Assigned			
206-000-385.000	FUND BALANCE - BUILDING RESERVE	471,875.84	471,875.84
206-000-385.001	FUND BALANCE - TRUCK RESERVE	52,308.39	12,084.19
206-000-385.002	FUND BALANCE - ACCRUED ABSENCES	534,206.68	496,512.95
206-000-385.003	FUND BALANCE - BOND PAYMENT RESERVE	123,160.30	123,160.30
Assigned		1,181,551.21	1,103,633.28
Total Fund Balance		**2,740,760.94**	**2,417,408.25**
Beginning Fund Balance		**2,740,760.94**	**2,417,408.25**
Net of Revenues VS Expenditures		**956,495.80**	**1,502,175.05**
Ending Fund Balance		**3,697,256.74**	**3,919,583.30**
Total Liabilities And Fund Balance		**3,877,080.81**	**4,044,799.72**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 211 LEGAL DEFENSE FUND

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
211-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	2,607.89	1,589.77
211-000-003.001	90 DAY CD - CHASE	1,407.16	0.00
211-000-017.001	CHASE 5503 - GOVERNMENT T-BILLS	255,962.50	253,887.56
Cash		259,977.55	255,477.33
Other Assets			
211-000-126.000	UNREALIZED GAINS/LOSSES	9,019.90	19,700.05
Other Assets		9,019.90	19,700.05
Total Assets		**268,997.45**	**275,177.38**
*** Liabilities ***			
Accounts Payable			
211-000-202.000	A/P - VENDORS	0.00	1,320.00
Accounts Payable		0.00	1,320.00
Other Liabilities			
211-000-202.001	A/P - VENDORS	100.00	0.00
Other Liabilities		100.00	0.00
Due To Other Funds			
211-000-214.101	DUE TO GENERAL FUND	76,648.00	90,538.00
Due To Other Funds		76,648.00	90,538.00
Total Liabilities		**76,748.00**	**91,858.00**
*** Fund Balance ***			
Unassigned			
211-000-390.000	FUND BALANCE - UNDESIGNATED	225,753.34	193,251.70
Unassigned		225,753.34	193,251.70
Total Fund Balance		**225,753.34**	**193,251.70**
Beginning Fund Balance		**225,753.34**	**193,251.70**
Net of Revenues VS Expenditures		**(33,503.89)**	**(9,932.32)**
Ending Fund Balance		**192,249.45**	**183,319.38**
Total Liabilities And Fund Balance		**268,997.45**	**275,177.38**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 219 STREET LIGHT FUND

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
219-000-001.000	CHASE 5503 - DAILY OPERATING CHECKING	49,182.11	0.00
219-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	0.00	75,119.63
219-000-003.001	90 DAY CD - CHASE	28,347.50	0.00
Cash		77,529.61	75,119.63
Accounts Receivable			
Accounts Receivable		0.00	0.00
Other Assets			
Other Assets		0.00	0.00
Due From Other Funds			
Due From Other Funds		0.00	0.00
Total Assets		**77,529.61**	**75,119.63**
*** Liabilities ***			
Accounts Payable			
219-000-202.000	A/P - VENDORS	8,382.87	8,644.47
Accounts Payable		8,382.87	8,644.47
Liabilities-LT (under 1 year)			
Liabilities-LT (under 1 year)		0.00	0.00
Due To Other Funds			
Due To Other Funds		0.00	0.00
Total Liabilities		**8,382.87**	**8,644.47**
*** Fund Balance ***			
Unassigned			
219-000-390.000	FUND BALANCE - UNDESIGNATED	116,017.61	115,684.49
Unassigned		116,017.61	115,684.49
Total Fund Balance		**116,017.61**	**115,684.49**
Beginning Fund Balance		**116,017.61**	**115,684.49**
Net of Revenues VS Expenditures		**(46,870.87)**	**(49,209.33)**
Ending Fund Balance		**69,146.74**	**66,475.16**
Total Liabilities And Fund Balance		**77,529.61**	**75,119.63**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 249 BUILDING

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
249-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	120,201.32	473,063.02
249-000-001.002	CHASE 5503 - ACCRUE ABSENCES	20,374.56	0.00
249-000-003.001	90 DAY CD - CHASE	73,492.86	0.00
249-000-004.001	PETTY CASH	100.00	100.00
249-000-017.001	CHASE 5503 - GOVERNMENT T-BILLS	238,350.88	236,418.40
249-000-017.002	COMERICA - GOVERNMENT T-BILLS	308,187.66	141,207.29
Cash		760,707.28	850,788.71
Accounts Receivable			
Accounts Receivable		0.00	0.00
Other Assets			
249-000-123.050	PREPAID INSURANCE	1,157.22	2,283.68
249-000-126.000	UNREALIZED GAINS/LOSSES	13,820.27	33,868.61
Other Assets		14,977.49	36,152.29
Due From Other Funds			
Due From Other Funds		0.00	0.00
Total Assets		**775,684.77**	**886,941.00**
*** Liabilities ***			
Accounts Payable			
249-000-202.000	A/P - VENDORS	6,460.32	8,596.87
Accounts Payable		6,460.32	8,596.87
Liabilities-ST			
249-000-257.000	ACCURED WAGES PAYABLE	0.00	7,283.00
249-000-260.000	ACCRUED PTO	0.00	1,042.00
Liabilities-ST		0.00	8,325.00
Due To Other Funds			
249-000-214.101	DUE TO GENERAL FUND	215.00	0.00
Due To Other Funds		215.00	0.00
Total Liabilities		**6,675.32**	**16,921.87**
*** Fund Balance ***			
Unassigned			
249-000-390.000	FUND BALANCE - UNDESIGNATED	836,558.30	765,212.01
Unassigned		836,558.30	765,212.01
Assigned			
249-000-385.000	FUND BALANCE - ACCRUED ABSENCES	2,405.60	6,570.32
Assigned		2,405.60	6,570.32
Total Fund Balance		**838,963.90**	**771,782.33**
Beginning Fund Balance		**838,963.90**	**771,782.33**
Net of Revenues VS Expenditures		**(69,954.45)**	**98,236.80**

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
	Ending Fund Balance	**769,009.45**	**870,019.13**
	Total Liabilities And Fund Balance	**775,684.77**	**886,941.00**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 266 LAW ENFORCEMENT FUND

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
266-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	1,187,213.36	871,867.19
266-000-003.001	90 DAY CD - CHASE	655,210.08	0.00
266-000-017.001	CHASE 5503 - GOVERNMENT T-BILLS	1,154,972.64	3,145,051.06
266-000-017.002	COMERICA - GOVERNMENT T-BILLS	407,220.88	186,577.11
Cash		3,404,616.96	4,203,495.36
Accounts Receivable			
266-000-020.000	A/R - TAXROLL REVENUE	0.00	1,137.59
266-000-040.002	A/R - SYCAMORE REG PATROLS	33,848.68	42,351.44
266-000-040.003	A/R - DANBURY REG PATROLS	0.00	23,180.67
266-000-040.004	A/R - ST JOE HOSPITAL REG PATROLS	(11,268.00)	0.00
Accounts Receivable		22,580.68	66,669.70
Other Assets			
266-000-123.050	PREPAID INSURANCE	600.00	600.00
266-000-126.000	UNREALIZED GAINS/LOSSES	48,092.18	109,640.56
Other Assets		48,692.18	110,240.56
Due From Other Funds			
Due From Other Funds		0.00	0.00
Total Assets		**3,475,889.82**	**4,380,405.62**
*** Liabilities ***			
Accounts Payable			
266-000-202.000	A/P - VENDORS	15,367.78	4,117.30
Accounts Payable		15,367.78	4,117.30
Liabilities-ST			
Liabilities-ST		0.00	0.00
Liabilities-LT (over 1 year)			
266-000-339.001	DEFERRED REVENUE PILOT	3,027.31	3,027.31
Liabilities-LT (over 1 year)		3,027.31	3,027.31
Due To Other Funds			
Due To Other Funds		0.00	0.00
Total Liabilities		**18,395.09**	**7,144.61**
*** Fund Balance ***			
Unassigned			
266-000-390.000	FUND BALANCE - UNDESIGNATED	1,998,574.07	2,790,518.87
Unassigned		1,998,574.07	2,790,518.87
Total Fund Balance		**1,998,574.07**	**2,790,518.87**
Beginning Fund Balance		**1,998,574.07**	**2,790,518.87**
Net of Revenues VS Expenditures		**1,458,920.66**	**1,582,742.14**
Ending Fund Balance		**3,457,494.73**	**4,373,261.01**

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
	Total Liabilities And Fund Balance	**3,475,889.82**	**4,380,405.62**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 464 AMERICAN RESCUE PLAN ACT (ARPA)

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
464-000-001.001	HUNT 4758 CHK - OPERATING	1,411,069.78	74,532.94
464-000-003.002	HUNTINGTON 9243- CD	0.00	1,000,000.00
Cash		1,411,069.78	1,074,532.94
Accounts Receivable			
Accounts Receivable		0.00	0.00
Due From Other Funds			
Due From Other Funds		0.00	0.00
Total Assets		**1,411,069.78**	**1,074,532.94**
*** Liabilities ***			
Accounts Payable			
464-000-202.000	A/P - VENDORS	3,502.25	2,971.17
Accounts Payable		3,502.25	2,971.17
Liabilities-LT (over 1 year)			
464-000-339.000	DEFERRED REVENUE	1,491,637.52	1,321,703.02
Liabilities-LT (over 1 year)		1,491,637.52	1,321,703.02
Due To Other Funds			
Due To Other Funds		0.00	0.00
Total Liabilities		**1,495,139.77**	**1,324,674.19**
*** Fund Balance ***			
Unassigned			
464-000-390.000	FUND BALANCE - UNDESIGNATED	1,452.32	8,424.47
Unassigned		1,452.32	8,424.47
Assigned			
Assigned		0.00	0.00
Total Fund Balance		**1,452.32**	**8,424.47**
Beginning Fund Balance		**1,452.32**	**8,424.47**
Net of Revenues VS Expenditures		**(85,522.31)**	**(258,565.72)**
Ending Fund Balance		**(84,069.99)**	**(250,141.25)**
Total Liabilities And Fund Balance		**1,411,069.78**	**1,074,532.94**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 508 PARKS & RECREATION

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
508-000-001.001	CHASE 5503 - DAILY OPERATING CHECKING	26,483.81	380,810.99
508-000-001.002	CHASE 5503 - ACCRUED ABSENCES	3,577.69	0.00
508-000-003.001	90 DAY CD - CHASE	47,972.26	0.00
508-000-013.000-BHCG	DAILY OPERATING CHECKING	44,212.87	0.00
508-000-017.001	CHASE 5503 - GOVERNMENT T-BILLS	68,486.69	67,933.75
508-000-017.002	COMERICA - GOVERNMENT T-BILLS	403,167.43	184,720.48
Cash		593,900.75	633,465.22
Accounts Receivable			
Accounts Receivable		0.00	0.00
Other Assets			
508-000-123.050	PREPAID INSURANCE	6,640.85	8,770.91
508-000-126.000	UNREALIZED GAINS/LOSSES	9,493.63	25,554.63
Other Assets		16,134.48	34,325.54
Due From Other Funds			
Due From Other Funds		0.00	0.00
Total Assets		**610,035.23**	**667,790.76**
*** Liabilities ***			
Accounts Payable			
508-000-202.000	A/P - VENDORS	2,903.13	6,509.05
Accounts Payable		2,903.13	6,509.05
Liabilities-ST			
508-000-257.000	ACCURED WAGES PAYABLE	0.00	7,881.00
508-000-260.000	ACCRUED PTO	0.00	325.00
Liabilities-ST		0.00	8,206.00
Liabilities-LT (under 1 year)			
Liabilities-LT (under 1 year)		0.00	0.00
Other Liabilities			
Other Liabilities		0.00	0.00
Due To Other Funds			
508-000-214.592	DUE TO UTILITY FUND	49.76	0.00
Due To Other Funds		49.76	0.00
Total Liabilities		**2,952.89**	**14,715.05**
*** Fund Balance ***			
Unassigned			
508-000-390.000	FUND BALANCE - UNDESIGNATED	184,841.14	212,027.05
Unassigned		184,841.14	212,027.05
Assigned			
508-000-385.000	FUND BALANCE - BUILDING RESERVE	401,730.53	401,730.53
508-000-385.001	FUND BALANCE - ACCRUED ABSENCES	10,911.90	19,556.88

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Fund Balance ***			
508-000-385.002	FUND BALANCE - SCHROETER	2,550.00	2,550.00
Assigned		415,192.43	423,837.41
Restricted			
Restricted		0.00	0.00
Total Fund Balance		**600,033.57**	**635,864.46**
Beginning Fund Balance		**600,033.57**	**635,864.46**
Net of Revenues VS Expenditures		**7,048.77**	**17,211.25**
Ending Fund Balance		**607,082.34**	**653,075.71**
Total Liabilities And Fund Balance		**610,035.23**	**667,790.76**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 701 TRUST AND AGENCY

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
701-000-001.001	CHASE 1161 - DAILY OPERATING CHECKING	328,050.31	0.00
701-000-001.002	DAILY CHECKING - CHASE	0.00	458,262.45
Cash		328,050.31	458,262.45
Accounts Receivable			
Accounts Receivable		0.00	0.00
Other Assets			
Other Assets		0.00	0.00
Due From Other Funds			
701-000-084.703	DUE FROM TAX FUND	75.37	0.00
Due From Other Funds		75.37	0.00
Total Assets		**328,125.68**	**458,262.45**
*** Liabilities ***			
Accounts Payable			
701-000-202.000	A/P - VENDORS	22,324.50	30,351.75
Accounts Payable		22,324.50	30,351.75
Liabilities-ST			
701-000-283.035	DELINQUENT PERSONAL/MANUF PROP TAX	20,026.93	21,274.02
701-000-283.037	PARK PAVILLION SECURITY DEPOSIT	100.00	100.00
701-000-283.038	ARBOR HILLS PERFORMANCE BOND	15,000.00	15,000.00
Liabilities-ST		35,126.93	36,374.02
Other Liabilities			
701-000-283.001	9220 FORD ROAD WETLAND ESCROW	675.00	675.00
701-000-283.002	CONSTRUCTION BONDS	12,000.00	8,000.00
701-000-283.003	DG RES.-WOODSIDE VILLAGE SURETY BOND	40,000.00	40,000.00
701-000-283.004	WOODSIDE VILLAGE	7,112.50	5,463.75
701-000-283.007	TEMPORARY OCCUPANCY	5,160.00	9,160.00
701-000-283.008	HYUNDAI SITE EXPANSION	16,776.25	25,150.50
701-000-283.010	SELECTIVE GROUP 2003 UNCLAIMED BOND	42,000.00	42,000.00
701-000-283.011	GLEN OAKS COOPERATIVE OFFICE ADDITION	(148.00)	0.00
701-000-283.012	HAWTHORNE MILL AREA PLAN	1,100.00	155.00
701-000-283.013	ARBOR HILLS ANIMAL CLINIC CUP	4,537.00	3,509.50
701-000-283.014	YPSI DISTRICT LIBRARY SUPERIOR BRANCH	2,189.00	1,859.00
701-000-283.015	PROSPECT POINTE WEST - FINAL SITE PLAN	20,559.75	23,096.75
701-000-283.016	PROSPECT POINTE WEST ENGINEERING	5,352.50	0.00
701-000-283.018	HSHV SHED ADDITION	1,363.75	1,363.75
701-000-283.019	KINSLEY DEVELOPMENT	(4,763.75)	65,765.27
701-000-283.020	DIXBORO HOUSE RESTAURANT	1,578.00	1,578.00
701-000-283.021	CR DEVCO - PROSPECT & BERKSHIRE	7.50	7.50
701-000-283.022	HYUNDAI PARKING LOT 2021	7,605.00	7,605.00
701-000-283.023	BROMLEY PARK CONDOS	1,122.50	1,122.50
701-000-283.024	THE MEADOWS	31,817.75	19,390.25
701-000-283.025	AUTUMN WOODS ESCROW	1,788.92	1,788.92
701-000-283.026	HUMANE SOCIETY PARKING LOT	3,919.00	3,919.00
701-000-283.027	DG RES.(MCTAVISH) BROOKSIDE 3 TREE BOND	10,000.00	10,000.00
701-000-283.028	DG RES.(MCTAVISH) BROOKSIDE 3 UTIL. BOND	34,630.00	34,630.00
701-000-283.029	SJMH THE FARM AT ST JOES	(1,444.50)	(1,860.75)
701-000-283.031	TAX COLLECTION 2020	2,020.72	2,020.72
701-000-283.032	CLOVER GROUP	80.00	80.00
701-000-283.036	GARRETT'S SPACE	(88.00)	5,290.00
701-000-283.039	5288 GEDDES ED WATER MAIN	2,757.00	(410.25)
701-000-283.040	TEMPORARY BOND SIGNS	500.00	0.00
701-000-283.041	BROOKWOOD	(601.50)	935.00

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Liabilities ***			
701-000-283.043	BROOKSIDE LANDSCAPE BOND	20,598.36	0.00
701-000-283.044	HURON DENTAL	469.50	37,887.25
701-000-283.045	PLYMOUTH & NAPIER REZONING	0.00	440.00
701-000-283.046	PPW PH 1 UTILITY REPAIR BOND	0.00	39,215.00
701-000-283.047	PROSPECT PTE WEST PH 2	0.00	1,678.50
Other Liabilities		270,674.25	391,515.16
Due To Other Funds			
Due To Other Funds		0.00	0.00
Total Liabilities		**328,125.68**	**458,240.93**
*** Fund Balance ***			
Unassigned			
Unassigned		0.00	0.00
Total Fund Balance		**0.00**	**0.00**
Beginning Fund Balance		**0.00**	**0.00**
Net of Revenues VS Expenditures		**0.00**	**21.52**
Ending Fund Balance		**0.00**	**21.52**
Total Liabilities And Fund Balance		**328,125.68**	**458,262.45**

COMPARATIVE BALANCE SHEET FOR SUPERIOR TOWNSHIP
PREPARED BY: KEITH LOCKIE, CONTROLLER
INCOMPLETE
Fund 704 PAYROLL FUND

GL Number	Description	PERIOD ENDED 06/30/2023	PERIOD ENDED 06/30/2024
*** Assets ***			
Cash			
704-000-007.000	HUNT 9485 CHECKING	278,103.24	241,916.77
Cash		278,103.24	241,916.77
Accounts Receivable			
Accounts Receivable		0.00	0.00
Other Assets			
Other Assets		0.00	0.00
Due From Other Funds			
Due From Other Funds		0.00	0.00
Total Assets		**278,103.24**	**241,916.77**
*** Liabilities ***			
Accounts Payable			
704-000-202.000	A/P - VENDORS	0.00	6,576.00
704-000-259.003	DUE TO HCSP NON-UNION - EMPLOYEE	3,212.69	7,154.03
704-000-259.004	DUE TO HCSP FIRE UNION - EMPLOYEE	2,164.11	3,304.90
704-000-259.005	DUE TO HCSP-NON-UNION-EMPLOYER	6,000.00	9,624.00
704-000-259.006	DUE TO HCSP - UNION - EMPLOYER	3,600.00	3,400.00
704-000-262.000	DUE TO JOHN HANCOCK-EMPLOYEE	1,116.05	2,915.20
704-000-262.001	DUE TO JOHN HANCOCK-EMPLOYER	2,232.10	5,830.40
704-000-262.002	DUE TO MERS #1 FIRE MERS-EMPLOYEE	6,300.41	12,491.51
704-000-262.003	DUE TO MERS#1 FIRE -EMPLOYER	22,923.02	46,426.60
704-000-262.004	DUE TO MERS#2-EMPLOYEE	5,949.17	13,187.89
704-000-262.005	DUE TO MERS#2-EMPLOYER	19,667.90	43,335.32
Accounts Payable		73,165.45	154,245.85
Liabilities-ST			
704-000-228.002	STATE WITHHOLDING	0.00	11,374.22
704-000-229.000	FEDERAL & FICA 941 TAXES	0.00	77,734.91
Liabilities-ST		0.00	89,109.13
Due To Other Funds			
704-000-214.101	DUE TO GENERAL FUND	4,937.79	1,961.79
704-000-214.206	DUE TO FIRE FUND	200,000.00	(3,400.00)
Due To Other Funds		204,937.79	(1,438.21)
Total Liabilities		**278,103.24**	**241,916.77**
Beginning Fund Balance		**0.00**	**0.00**
Net of Revenues VS Expenditures		**0.00**	**0.00**
Ending Fund Balance		**0.00**	**0.00**
Total Liabilities And Fund Balance		**278,103.24**	**241,916.77**

Superior Township Utility Department
Balance Sheet
INCOMPLETE

	Jun 30, 24	May 31, 24	Jun 30, 23
ASSETS			
Current Assets			
Checking/Savings			
100 · CASH - O&M			
101 · Checking - Chase 205000485529	1,020,100.97	1,032,219.61	676,937.03
104 · O&M Petty Cash	100.00	100.00	100.00
Total 100 · CASH - O&M	1,020,200.97	1,032,319.61	677,037.03
120 · CASH - CAPITAL RESERVE			
125 · CR Chkg. - Chase 639918234	1,486,406.57	1,464,793.82	1,605,186.66
1251 · CR Checking-Huntington Bank4855	95,621.98	95,621.98	5,034.33
1252 · CD - Huntington - CR	1,600,000.00	1,600,000.00	
Total 120 · CASH - CAPITAL RESERVE	3,182,028.55	3,160,415.80	1,610,220.99
140 · CASH - DEBT SERVICE RESERVE			
147 · T Bills - Huntington Bank-5151	476,465.18	476,465.18	2,140,381.29
Total 140 · CASH - DEBT SERVICE RESE...	476,465.18	476,465.18	2,140,381.29
Total Checking/Savings	4,678,694.70	4,669,200.59	4,427,639.31
Accounts Receivable			
160 · A/R - Due From Other Funds			
160-GF · Due From General Fund	12.52	12.52	19.98
160-PR · Due From Parks & Rec.	49.87	122.64	49.76
Total 160 · A/R - Due From Other Funds	62.39	135.16	69.74
161 · A/R - Other Customers	59,273.74	70,819.71	47,253.93
162 · A/R - Water/Sewer Bills (UB)	528,598.91	868,206.93	1,032,174.66
Total Accounts Receivable	587,935.04	939,161.80	1,079,498.33
Other Current Assets			
163 · Res. for Bad Debts		3,426.96	3,426.96
164 · Undeposited Funds	9,487.89	20,855.19	12,228.99
166 · Prepaid Expenses	36,293.02	42,139.75	27,645.78
170 · Inventory - Meters & Parts	34,972.19	33,163.10	26,518.70
Total Other Current Assets	80,753.10	99,585.00	69,820.43
Total Current Assets	5,347,382.84	5,707,947.39	5,576,958.07

Superior Township Utility Department
Balance Sheet
INCOMPLETE

	Jun 30, 24	May 31, 24	Jun 30, 23
Fixed Assets			
174 · Buildings	3,434,386.74	3,434,386.74	3,434,386.74
175 · Acc. Dep. - Buildings	(1,907,117.08)	(1,898,069.41)	(1,798,545.04)
176 · Water & Sewer System	29,645,877.95	29,645,877.95	23,902,086.95
177 · Acc. Dep. - Water & Sewer Sys.	(10,877,210.09)	(10,829,228.92)	(10,327,911.47)
178 · Improvements & Equipment	294,591.76	294,591.76	294,591.76
179 · Acc. Dep - Imp. & Equipment	(142,798.71)	(141,897.13)	(131,979.75)
180 · Office Improvements	125,975.16	125,975.16	125,975.16
181 · Acc. Dep. - Office Improvements	(56,353.50)	(55,924.75)	(51,208.50)
182 · Office Furniture & Equipment	73,300.27	73,300.27	73,300.27
183 · Acc. Dep. - Off. Furn. & Equip.	(73,635.93)	(72,830.10)	(64,436.03)
184 · Vehicles	647,673.57	647,673.57	665,543.57
185 · Acc. Dep. - Vehicles	(548,035.46)	(544,882.08)	(536,961.20)
186 · Metering Program	45,919.87	45,919.87	54,927.87
187 · Acc. Dep. - Meter Program	(45,754.00)	(45,296.25)	(49,354.50)
188 · Land	210,462.50	210,462.50	210,462.50
190 · Const. in Progress	(24,511.72)	(25,323.72)	2,651,628.81
Total Fixed Assets	20,802,771.33	20,864,735.46	18,452,507.14
TOTAL ASSETS	26,150,154.17	26,572,682.85	24,029,465.21
LIABILITIES & EQUITY			
Liabilities			
Current Liabilities			
Accounts Payable			
200 · A/P - Due To Other Funds			
200-FF · Due To Fire Fund			571.40
200-GF · Due To General Fund		13,831.49	7,550.92
200-T&A · Due to Trust & Agency Fund	421.35		
Total 200 · A/P - Due To Other Funds	421.35	13,831.49	8,122.32
205 · A/P - Vendors	12,729.83	254,263.13	332,323.85
Total Accounts Payable	13,151.18	268,094.62	340,446.17
Other Current Liabilities			
219 · Contracts Payable			
223 · 2013 Refunded Bond			0.24
224 · Michigan Finance Authority Bond	2,649,319.00	2,649,319.00	1,355,124.00
Total 219 · Contracts Payable	2,649,319.00	2,649,319.00	1,355,124.24
225 · Accrued Vacation & Sick Pay	117,008.16	117,008.16	44,825.47
226 · Accrued Wages	31,622.00	31,622.00	
Total Other Current Liabilities	2,797,949.16	2,797,949.16	1,399,949.71
Total Current Liabilities	2,811,100.34	3,066,043.78	1,740,395.88
Total Liabilities	2,811,100.34	3,066,043.78	1,740,395.88

Superior Township Utility Department
Balance Sheet
INCOMPLETE

	Jun 30, 24	May 31, 24	Jun 30, 23
Equity			
390 · Retained Earnings	23,449,587.95	23,449,587.95	22,299,440.22
Net Income	(110,534.12)	57,051.12	(10,370.89)
Total Equity	23,339,053.83	23,506,639.07	22,289,069.33
TOTAL LIABILITIES & EQUITY	26,150,154.17	26,572,682.85	24,029,465.21

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Committee to Promote Superior Township

A Volunteer Committee

Fostering pride, unity and a sense of place among Superior Township residents

Est. 2008

C2PST July Highlights

- **Dixboro Farmers' Market:** Look out for our C2PST table, now offering additional Parks and Rec handouts, at the market every Friday throughout the season. The market was closed on July 5th.
- **Library Display:** This month's library display features Superior Township's ten small and one-room schools dating back to 1825.
- **Kite & Rocket Day Recap:** A fun-filled event uniting Superior Township families and citizens, highlighted by the ribbon-cutting for Fireman's Park improvements.
- **Podcast hosted by Alec McGowan:** A podcast with local "Movers and Shakers" who are impacting our community. The first episode featured Jason Gold, founder of The Michigan Folk School. Future episodes will include the Cox brothers discussing the Moonwinks Cafe and Tavern, and Brenda and Steve Dani on owning the Dixboro General Store.
- **Parks and Recreation:** Stay updated on upcoming summer activities (Bug Hunt and Movie Nights) through announcements on Facebook and Instagram.
- **Team Updates:** A warm welcome to our new intern, Haneen, who has fully transitioned to running our social media strategies.

SUPERIOR CHARTER TOWNSHIP

PODCAST

Special Thank you to our Working Committee

Brenda Baker, Margery Dosey, Katie Russo, Carla Bisaro, Carole Hann, Nancy Caviston

Join our committee and support your neighborhood - just email us!

C2PST@superior-twp.org

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CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE HURON RIVER WATERSHED COUNCIL (HRWC) INVOICE

RESOLUTION NUMBER: 2024-44

DATE: JULY 15, 2024

WHEREAS, the Charter Township of Superior has received an invoice from the Huron River Watershed Council (HRWC) for services rendered under the 2024-2028 Middle Huron Partners contract; and

WHEREAS, the HRWC provides essential facilitation services, watershed planning, public education, and stormwater compliance assistance to the township in support of the Middle Huron River Watershed management; and

WHEREAS, the contract period for these services spans from January 1, 2024, to December 31, 2028, with the current invoice covering the period from January 1, 2024, to December 31, 2024; and

WHEREAS, the total amount invoiced for the 2024 period is $6,535.75; and

WHEREAS, the HRWC has communicated that due to changes brought about by the COVID-19 pandemic and improved implementation efficiencies, there has been a surplus carried over from the previous contract period (2019-2023), resulting in a reduced invoice amount for 2024; and

WHEREAS, this reduction reflects a commitment to cost-effective service provision while ensuring compliance with state stormwater permit requirements and contributing to the overall water quality goals of the local watershed.

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior Board of Trustees approves the payment of the invoice in the amount of $6,535.75 to the Huron River Watershed Council for the services described.

June 21, 2024

RE: 2024 Middle Huron Partners Invoice

Dear Partner:

In continuation of the stormwater permit and phosphorus reduction services provided by the Huron River Watershed Council under our new 2024-2028 Middle Huron Partners contract, please find enclosed an invoice for the 2024 financial support provided by your organization or agency. Under our new five-year workplan, HRWC aids Washtenaw County municipalities and agencies in the Huron River watershed with state stormwater permit compliance and general stormwater improvement to comprehensively meet local water quality goals.

Due to changes from the COVID-19 pandemic and improved implementation efficiencies, HRWC has carried a surplus in Middle Huron Partners dues from the 2019-2023 contract into new 2024-2028 contract period. Our approved Middle Huron Partners budgets are always conservative cost estimates, with actual spending from 2019-2023 coming in around $30,000 below our budget. As a result, the 2024 invoiced dues amounts are reduced to account for the carryover from the previous contract period, allowing HRWC to provide promised services at a lower cost to Partners in 2024.

If you have any questions or concerns, please contact me directly or your designated Middle Huron Partners representative. Thank you for your past support, as well as your efforts to improve the water quality of the Huron River and the wellbeing of our region.

Sincerely,

Andrea L Paine

Andrea Paine
Middle Huron Partnership Coordinator
apaine@hrwc.org
734-519-0354

117 North First Street, Suite 100 • Ann Arbor, MI 48104 • (734) 769-5123 • HRWC.org

Invoice

Huron River Watershed Council
117 N. 1st St., Suite 100
Ann Arbor, MI 48104

DATE	INVOICE #
6/26/2024	2024.01.51

BILL TO

CLERK'S OFFICE
SUPERIOR TOWNSHIP
3040 N. PROSPECT RD.
YPSILANTI, MI 48198

(734) 519-0225
jkangas@hrwc.org
www.hrwc.org

TERMS
Payment due upon receipt.

DESCRIPTION	Est Amt	AMOUNT
Facilitation services, watershed planning, public education and stormwater compliance assistance pursuant to The Middle Huron Partnership for management of the Middle Huron River Watershed. Contract from January 1, 2024 to December 31, 2028. Please see attachment for more information. Thank you! Period of work covered: January 1, 2024 - December 31, 2024. For questions re. payment processing, please contact Jennifer Kangas at 734-347-3320. Thank you.		6,535.75
	Total	$6,535.75

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE INVOICE FOR ANNUAL MEMBERSHIP DUES TO THE SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS (SEMCOG)

RESOLUTION NUMBER: 2024-45

DATE: JULY 15, 2024

WHEREAS, the Charter Township of Superior has received an invoice from the Southeast Michigan Council of Governments (SEMCOG) for the 2024 Annual Membership Dues; and

WHEREAS, SEMCOG's principal purpose is to help local governments improve and maintain Southeast Michigan's transportation systems, environmental quality, economic interests, and infrastructure; and

WHEREAS, SEMCOG's coordinated efforts with its members ensure that resources are used efficiently and policies and procedures are optimized using the best and most complete data available; and

WHEREAS, SEMCOG is involved in several areas of public interest including regional transportation planning, environmental quality planning under the federal Water Pollution Control Act and the Clean Air Act, and specific housing and land use planning elements authorized by the U.S. Department of Housing and Urban Development; and

WHEREAS, SEMCOG's Work Program, which serves as the basis for all SEMCOG activities, discusses regional issues, a framework for regional decision making, and specific task activities and budgets for SEMCOG and its pass-through agencies; and

WHEREAS, the total amount due for the 2024 Annual Membership Dues is $2,786.00 as per Invoice #INV02220 dated July 1, 2024; and

WHEREAS, the payment of these membership dues is essential for maintaining the township's participation and benefit from SEMCOG's planning and improvement efforts; and

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior Board of Trustees approves the payment of the invoice in the amount of $2,786.00 to the Southeast Michigan Council of Governments for the 2024 Annual Membership Dues.

SEMCOG
Southeast Michigan Council of Governments
1001 Woodward Ave
Suite 1400
Detroit, MI 48226
Phone: 313-961-4266

INVOICE

Billed To:
Superior Charter Township
Lynette Findley
3040 N Prospect Rd
Ypsilanti, MI 48198-9426

DATE: 7/1/2024
INVOICE #: INV02220
DUE DATE: Upon Receipt
TOTAL DUE: 2,786.00

CUSTOMER ACCOUNT # : 1143

ITEM DESCRIPTION	AMOUNT
2024 Annual Membership Dues	2,786.00
TOTAL THIS INVOICE	2,786.00

If you will be paying electronically, please contact us at accountspayable@semcog.org for our banking information.

REMIT TO:
Southeast Michigan Council of Governments
1001 Woodward Ave, Suite 1400
Detroit, MI 48226

A copy of this invoice should accompany your check. Thank you!

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION TO APPROVE CHARTER TOWNSHIP OF SUPERIOR PURCHASING POLICY

RESOLUTION NUMBER: 2024-46

DATE: JULY 15, 2024

WHEREAS, the Charter Township of Superior Board of Trustees recognizes the importance of maximizing the purchasing power and value of public funds while maintaining a system of quality that promotes efficiency, effectiveness, consistency, and equity in purchasing; and

WHEREAS, the intent of the Purchasing Policy is to ensure accountability and transparency in the Township's purchases and payments; and

WHEREAS, the Purchasing Policy applies to all purchases for supplies, goods, services, construction, equipment purchases, rentals, or leases made on behalf of the Township; and

WHEREAS, the policy outlines the roles and responsibilities of Directors or Department Heads, along with elected administrators with supervisory authority over departments, in acting as purchasing agents for the Township; and

WHEREAS, the policy includes guidelines for local purchasing, cooperative purchasing, and environmental purchasing to ensure that purchases are made in the best interest of the Township; and

WHEREAS, the policy specifies purchasing authorization levels, requirements for competitive pricing, and procedures for purchasing by contract to maintain fiscal responsibility and transparency; and

WHEREAS, the policy addresses the procurement of professional services, blanket purchasing orders, and exceptions to purchasing authorization, including emergency, sole source, grant, routine operating costs, and escrow/pass-through/user fee accounts; and

WHEREAS, the policy includes provisions for requests for proposals or qualifications, competitive sealed bidding, sales tax exemption, disposal of surplus property, payment procedures, and controls to ensure proper management and oversight of Township funds; and

WHEREAS, the policy emphasizes the responsibility of employees with purchasing authority to comply with its terms and the importance of maintaining ethical standards in purchasing decisions; and

WHEREAS, the policy is maintained and reviewed by the Clerk, with any revisions subject to approval by the Board.

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Superior Board of Trustees approves the Purchasing Policy as presented.

PURCHASING POLICY

SUPERIOR CHARTER TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

ADOPTED ON:

PURCHASING POLICY

INTENT

The intent of this Policy is to maximize the purchasing power and value of public funds while maintaining a system of quality that promotes efficiency, effectiveness, consistency, and equity in purchasing. The goal is to ensure accountability and transparency in the Township's purchases and payments.

SCOPE

The Purchasing Policy adopted by the Township Board of Trustees ("Board") applies to all purchases for supplies, goods, services, construction, equipment purchases, rentals, or leases made on behalf of the Township.

PURCHASING

All Directors or Department Heads (collectively referred to as Directors) along with the elected administrators with supervisory authority over departments shall be the purchasing agents for the Township. Generally, purchasing agents shall consider price, quality, availability, reliability, and any technical requirements.

PREFERRED PURCHASING

The following guidelines shall be considered when making purchases but shall not be construed as requiring the purchase of products or services that do not perform adequately or are not available at a reasonable price.

- Local Purchasing: Purchases of goods and services should be made locally within the Township or Washtenaw County whenever financially feasible.
- Cooperative Purchasing: The Township may join in a cooperative purchasing arrangement with other governmental units if it is determined to be cost effective and in the best interest of the Township.
- Environmental Purchasing: The Township shall endeavor to purchase products whereby environmental impacts have been considered and found to be less damaging to the environment and human health when compared to competing products.

PURCHASING AUTHORIZATION

The purchasing authorizations herein shall apply to all purchases for goods and services.

0 to $3,000

All Directors can authorize purchases up to $3,000. All Departments will use their best judgment as to source of supply and number of quotations needed. Quotes may be verbal, written, or electronic.

$3,001 to $5,000

All purchases for goods and services between $3,001 and $5,000 shall be authorized by the elected administrator with supervisory authority over the department. Competitive pricing or three verbal or written quotes are required except when it is determined that no advantage to the Township would result from such a procedure or when the purchase is for the acquisition of professional services.

$5,001 and up

Purchases in the amount of $5,001 or more shall be approved by the Board of Trustees. All purchases shall be based on competitive pricing in the form of three written quotes except when it is determined that no advantage to the Township would result from such a procedure or when the purchase is for the acquisition of professional services.

PROHIBITION

No purchases may be divided for the purposes of circumventing the Purchasing Authorizations. However, a series of purchases from one vendor which individually are within the above limits, but collectively exceed those limits, shall not be considered one purchase if such a series of purchases could not reasonably have been made at one time.

PURCHASING BY CONTRACT

All contracts must be reviewed by the Township attorney and approved by the Board. Whenever possible, the contract shall be reviewed by the Township attorney prior to submitting the contract to the Board. Approved contracts with a sum certain amount and a limited term, shall be signed by the Supervisor and shall be paid in accordance with the contract terms and the stated amount.

Contracts that do not provide a sum certain dollar amount shall be subject to the Purchasing Authorization listed above. Contracts approved by the Board that do not state a specific term but have a firm and continuing annual payment shall be brought before the Board every (3) three years for reauthorization.

Administration of a contract is assigned to the Director that requests the purchase. Administration includes, but is not limited to, ensuring that the contract contains all of the required terms, obtaining the Township Attorney's approval, obtaining the required signatures on the contract, and if required, obtaining a signed contract addendum. All signed contracts and signed addendums shall be filed with the Clerk. Each Director shall maintain records that are pertinent to the performance of the contract and keep such records in accordance with the Records Management Policy.

PURCHASING OF PROFESSIONAL SERVICES

Professional services which involve extended analysis, exercise of discretion, and independent judgment, specialized type of knowledge, and expertise or training customarily acquired either by a prolonged course of study or equivalent experience in the field shall be selected by the elected administrator with supervisory authority over the department obtaining the service.

Selection of a service provider shall be based on the following:

- The expertise of the service provider.
- The costs for the services are comparable to other professionals in the same industry.
- Past performance of the service provider, if applicable.
- The historical knowledge of the service provider as it relates to the Township.
- The adequacy of insurance appropriate for the service.

Multiple quotes for these services are required only when determined by the elected administrator with supervisory authority over the department or upon authority of the Board. Purchasing Authorization and Purchasing by Contract shall also apply where applicable with respect to purchasing for professional services.

BLANKET PURCHASING ORDERS

A request for a blanket purchase order that has been approved by the Board shall expire at the end of the fiscal year. A blanket purchase order with a stated amount "not to exceed" shall be approved by the Board if the amount "not to exceed" is more than $5,001. Individual invoices related to the blanket purchase order shall be authorized by the Director in accordance with approved amounts. Blanket orders that do not have a stated approved amount shall be subject to the Purchasing Authorizations listed above.

EXCEPTIONS TO PURCHASING AUTHORIZATION

- **Emergency Purchasing**

  When life, property, or equipment endangered through imminent and unexpected circumstances, or when normal operations of a department would be severely and detrimentally hampered by a long delay, the Director upon authorization by the Supervisor, may make a purchase that exceeds the authorization limits and waive the documentation requirements in this Policy. The Director **making** the purchase under this provision shall notify the Board of Trustees at the next board meeting following the purchase.

- **Sole Source Purchasing**

  Multiple quotes will not be required when there is a purchase of a service or product that is only available from a single source or as required for existing equipment/system compatibility. The purchasing authorization dollar limits or purchasing by contract provisions shall apply.

- **Grant Purchasing**
  Grant purchasing shall follow the Purchasing Authorization stated in this Policy. In the event that a provision in this Policy is contrary to a grant requirement, the grant requirement shall control. The Director that monitors and administers the grant shall approve all invoices prior to submittal to the Clerk.
- **Routine Operating Costs**
  Routine operating costs, including **gas,** water, electric, fuel, telecommunications, and payroll shall not require multiple quotes and shall be authorized by the Director that monitors that purchase.
- **Escrow/Pass Through/User fee Accounts**
  All payments under an escrow, pass through, or user fee account as identified by the Finance Department shall be authorized by the Director that monitors that account. These items include, but are not limited to, the following accounts:
  - Planning Fees
  - Streetlighting Fees
  - Water, Sewer, and Rubbish Fees and Deposits
  - Performance Bonds
  - Refunds and Overpayments
  - Tax Collections or Collections for other Governmental Agencies or Units

REQUESTS FOR PROPOSALS OR QUALIFICATIONS

Directors shall use Request for Proposal (RFP) or Request for Qualifications (RFQ) for professional services whenever possible or as required by the Board. Each Department shall determine the requirements for the RFP or RFQ.

BIDDING

Competitive sealed bidding is required as determined by a Director or as required by the Board. Directors shall work with staff to determine qualifications for specific bids such as bonds, insurance requirements, and addendum acknowledgements. Each department will work with the Clerk's Office to schedule the public bid opening and will advertise requests for sealed bids in the appropriate forums. The Clerk shall post notices as required.

SALES TAX EXEMPTION

Each department is responsible for obtaining the sates tax exemption on all purchases whenever it is possible. A Tax Exemption Certificate shall be provided by the Finance Department.

DISPOSAL OF SURPLUS PROPERTY

Surplus property no longer needed by a department may be offered to other departments for official use.

Property not transferred to another department may be disposed of in the following manner:

By Trade-In

Items considered for trade-in, normally vehicles and large equipment, shall be clearly identified and shall indicate the value of the trade-in in the documentation or invoice for the purchase of the new item.

By Sale

Items valued at more than $5,000 shall be sold except for any specialized items that are required to be destroyed for safety purposes. Directors should seek at least two offers and obtain approval from the elected administrator with supervisory authority over the department whenever possible.

Items valued at $5,000 or less may be sold. The Director shall seek more than one offer when practicable.

Items that have no value because there are no offers to purchase or for which the cost of disposal will exceed the value or sale price of the property may be disposed of by placing in the trash or by allowing another public entity or non-profit to remove it. Directors shall maintain any documentation for the disposal of items having no value, including documentation that the item could not be sold.

All items considered a depreciable asset shall be reported to the Clerk and Finance Department by the Director upon disposal which shall include a description of the item, the method of disposal, and any amounts received for the disposal.

PAYMENT

All payment requests must be made in a reasonably prompt manner, normally within 30 days of receiving the invoice or before the due date, so that the Township will not incur a late charge or a diminished reputation. Occasionally, a payment request cannot be made in a reasonable and prompt manner due to mailing issues, discrepancies on the invoice, lost invoice, etc. When this occurs, an explanation for the late payment shall be noted on the invoice. Repeated payment requests that are late shall be brought to the attention of the elected administrator with supervisory authority over that department to work with the Director to prevent future late payments.

Payments shall be made by the Finance Department on a weekly basis. All independent contractors for professional services or labor must have a completed W-9 form, proof of workers' compensation insurance, and other proof of insurance if applicable, filed with the Township prior to commencement of the work and before any payment is released.

No payments shall be made outside of the weekly run unless it is for an extraordinary circumstance as determined by the Clerk and Finance Director. Failure to submit invoices or improper planning does not constitute an extraordinary circumstance.

CONTROLS

All payment requests shall be initialed by the Director and/or the elected administrator verifying that the charges are authorized and conform with this Policy. All signed requests indicate the following:

- that all goods or services comply with the terms of the purchase,
- contain the general ledger number the funds may be charged to,
- that funds in their departmental budgets support the payment or that arrangements have been made by the department to have unbudgeted items go before the Board to amend the budget as directed by the elected administrator with supervisory authority over that department,
- that invoices are in the name of the Township where applicable, and
- requests for payment is within the Purchasing Authorizations levels listed herein.

Initialed invoices and contracts are authorizations to proceed with payment. When these conditions have been met, the Director shall then forward the required documentation to the Clerk.

The Clerk shall determine that payments are made in accordance with this Policy and sign off on all charges. Exactness and completeness in preparing the authorizations is essential and any incomplete or improperly completed authorizations not in conformity with this Policy shall be returned to the initiator for correction or the Clerk may require the Director to bring said item before the Board. Once a purchase has been initialed by the Clerk, the Clerk shall forward the invoice or contract to the Finance Department for payment.

The Finance Department shall verify that all items have the appropriate initials and general ledger numbers. Purchases shall be charged against the general ledger in the fiscal calendar year for which the goods were delivered, or the services were rendered except any payment request submitted after the close of financial year will be charged to the next year's budget

All authorized payments shall be reported to the Board on a scheduled basis as determined by the Director of Finance along with reports of revenue and expenditures and any other reports that are required by law or requested by the Board. The Board may request, at any time, the documentation relating to any purchase through the Clerk. Nothing in this Policy shall limit the authority of the Board to require certain payments be approved by the Board in advance of the payment.

RESPONSIBILITY

It is the responsibility of any employee with purchasing authority to comply with the terms of this Policy. Detailed procedures may be written by the Directors of each department in order to enforce the requirements in this Policy. Failure to follow this Policy may result in disciplinary action or revocation of purchasing authority.

ETHICS

It shall be a violation of this Policy for any person to offer, give or agree to give any Township employee, or for any employee to solicit, demand, accept or agree to accept a gratuity, personal

benefit, or kickback in connection with any purchasing or contracting decision. To avoid any real or perceived conflict of interest, Township employees are required to avoid all actual or potential conflicts of interest and shall disclose any and all potential conflicts to the Clerk. The Clerk, upon advice from counsel, shall determine if a conflict exists. If a conflict exists, the Clerk shall bring the matter before the Board.

REFERENCE

Note: Reference other documents such as Personnel Manual, Disposal of Equipment, etc. here.

REVIEW

The Policy is maintained and reviewed by the Clerk. Any revisions shall be approved by the Board.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION APPROVING PROSPECT POINTE WEST PHASE 2 DEVELOPMENT AGREEMENT

RESOLUTION NUMBER 2024-47

DATE: JULY 15, 2024

WHEREAS, the Developer desires to develop Phase Two of a four-phase project, an overall parcel of a size totaling approximately 67.99 acres located south of Geddes Road and adjacent to the Prospect Pointe Subdivision in the northeast quarter of Section 33, in accordance with the approved Final Site Plan dated May 20, 2024 (the "**Development**") as more particularly described in the attached **Exhibit A**; and

WHEREAS, the Developer is developing the residential development pursuant to the Superior Charter Township Zoning Ordinance No. 174, as amended, and other applicable law; and

WHEREAS, the Developer desires to build all necessary on-site infrastructure for the Development, including but not limited to: water mains, sanitary sewers, non-motorized trails, open space, storm water management system, sidewalks and private roads, and similar amenities in the Development ("**Site Improvements**"); and

WHEREAS, the Developer desires to install grading and soil erosion and sedimentation control improvements to facilitate the drainage of storm water from the Development in such a manner as is not expected to result in damage to any adjacent property outside of the Development or any site, building, or residential unit within the Development from an increase in the flow of storm water or decrease in water quality of storm water from the Development, as more fully set forth in the final engineering plans approved by the Township ("**Engineering Plans**"); and

WHEREAS, all agreements, approvals, and conditions agreed to by the Developer and the Township remain in effect for the Development, including, but not limited to, conditions of all approvals by the Township regarding zoning and site plan approval for the Development and permits that may have been issued by appropriate governmental review agencies for the Development; and

WHEREAS, on May 22, 2024, the Township approved, by action of the Superior Charter Township Planning Commission, the Final Site Plan for STPC #24-01, Prospect Pointe West Phase 2, with conditions ("**Final Site Plan**") and all conditions of the Final Site Plan have been satisfactorily met; and,

WHEREAS, the approved Final Site Plan for the Development is consistent with the purposes and objectives of the Township's Zoning Ordinance pertaining to the use and development of the Development; and

WHEREAS, Section 10.05(G) of the Superior Charter Township Zoning Ordinance requires the execution of a Development Agreement in connection with the approval of the Final Site Plan for the Development; and

WHEREAS, the Development Agreement shall be binding upon the Township, the Developer of the Development, their successors-in-interest, and assigns.

NOW, THEREFORE BE IT RESOLVED, in consideration of the premises and the mutual covenants of the parties described in this Agreement, and with the express understanding that this Agreement contains important and essential terms as part of the approval of the Developer's Final Site Plan for the Development, the parties hereby agree as follows:

ARTICLE I.
GENERAL TERMS

Section 1.01 Recitals Part of Agreement.

Developer and the Township acknowledge and represent that the foregoing recitals are true, accurate and binding on the respective parties and are an integral part of this Agreement.

Section 1.02 Zoning District.

The Township acknowledges and represents that the property is zoned R-4 (Single Family Residential) for the Development and, for purposes of recordation, shall be referred to as Prospect Pointe West Phase 2, and that the Developer's intended use as described herein is a permitted use under the R-4 (Single-Family Residential) zoning district designation.

Section 1.03 Approval of Final Site Plan.

The Final Site Plan dated May 20, 2024, attached hereto as **Exhibit B** has been approved pursuant to the authority granted to and vested in the Township pursuant to the Michigan Public Act 110 of the 2006 Zoning Enabling Act, as amended.

Section 1.04 Conditions of Final Site Plan Approval.

The Developer and the Township acknowledge that the approved Final Site Plan for the Development referenced in Section 1.03 incorporates the Township's complete and final approved conditions and requirements for the Final Site Plan that were adopted by the Township Planning Commission pursuant to recommendations by the consultants and departments of the Township.

Section 1.05 Agreement Running with the Land.

The terms, provisions and conditions of this Agreement shall be deemed to be of benefit to the Development described herein, shall be deemed a restrictive covenant which shall run with the land and be binding upon and inure to the benefit of the parties and their successors and assigns, and binding upon the successors-in-interest to any portion of the Development, and may not be modified or rescinded except as provided in Section 3.01 below.

Section 1.06 Developer Responsibilities for Improvements and Assessments.

Except as otherwise provided for in this Agreement and except as dedicated by the Developer to the Township or other governmental authorities after approval of the Township, the Developer shall be responsible for the maintenance of all Site Improvements.

ARTICLE II.
PROVISIONS REGARDING DEVELOPMENT

Section 2.01 Permitted Principal Uses.

The permitted principal uses within the Development shall conform to the list of allowable land uses specified on the adopted Site Plan for the Development, along with any other accessory uses and/or amenities permitted under the Township's ordinances.

Section 2.02 Payment of Fees and Invoices.

Developer shall pay all such applicable fees and invoices as may be due and payable prior to the issuance of building permits. Construction permit fees for buildings to be constructed within the Development shall be the responsibility of the party requesting such permits.

Section 2.03 Common Elements.

As used in this Agreement the term Common Elements refers to the following items:

(a) Open space
(b) Parks
(c) Pathways
(d) Detention areas
(e) Storm water drainage; and
(f) Any other items depicted in the Final Site Plan and designated as a Common Element.

Section 2.04 Use of Detention Areas; Use of Open Space and Park Areas.

Certain portions of the Development are to be used for storm water detention and drainage; recreation, open space, wetlands as depicted in the approved drainage plan and/or Final Site Plan.

Section 2.05 Changes and Improvements.

Incidental changes to the Development, the Final Site Plan, or to the Site Improvements may be installed or constructed with the prior approval of the Township Building Official, Planning & Zoning Administrator, and the Township Supervisor per Section 10.02(C), Administrative Approval, of Zoning Ordinance No. 174, which approval shall not unreasonably be withheld. All other improvements and changes must be approved by the Township Planning Commission.

Section 2.06 Performance Guarantees.

Prior to the commencement of any work on the Site Improvements in the Development, the Developer shall deliver to the Township financial security by means of a certified check, cash, or an irrevocable letter of credit (hereafter referred to as the "**Security**") that names the Township as the beneficiary thereof in an amount equal to the estimated costs as approved by the Township consulting engineers, which approval may not be unreasonably withheld for the following items with respect to the Development:

(a) All Site Improvements to be installed pursuant to the Final Site Plan and approved Engineering Plans.
(b) Repairs to underground public utility infrastructure.
(c) Maintenance and Restoration of slopes installed by Developer may be necessary in future after initial construction, prior to the installation of adjacent phases to complete the public utilities and road through Phase 2. It is also possible that if the adjacent phase(s) do not proceed in future, the Township may need to implement some work to integrate the Phase 2 improvement as an existing condition. Therefore, this guarantee shall be held until adjacent phase(s) is installed.

The Security may be amended or replaced from time to time as expressly provided in this Agreement.

The Security may be drawn upon by the Township only as expressly permitted in this Agreement. The Security shall be fully returned by the Township to the Developer when all of the conditions to its release set forth in **Exhibit C** (the "**Security Itemization**"), attached hereto, have been satisfied.

The Security shall be reduced from time to time as those items in (a) through (b) above are completed by the Developer and approved by the Township. Further, the Developer shall receive partial reductions in the amount of the Security and/or partial returns of the Security when individual units within the Development to which the Security pertains, receives a final certificate of occupancy. The Developer shall provide written notice of completion to the Township and the Township shall inspect the items as soon as reasonably possible. The reduction or return of the Security shall be made annually and be based on the percentage of dwellings within the phase to which such the Security pertains that have received final certificates of occupancy.

Section 2.07 Completion of Site Improvements.

All Site Improvements for Phase 2 will be installed in one phase, including those necessary to connect to the existing Township water main and sanitary sewer systems. Improvements for subsequent phases will not be installed until Final Site Plans are approved for each of those phases. Site Improvements shall be installed, as depicted on the Final Site Plan and approved final Engineering Plans by no later than the time of application for the building permit for the construction of the first building. The first building permit may be issued if the franchise utilities (gas, electric, telephone, cable TV) are not installed, but no certificate of occupancy will be issued until the franchise utilities have been completed.

Section 2.08 Responsibility to Preserve, Retain, and Maintain the Development and Common Elements.

The Developer shall regularly remove, but no less frequently than once a month, all construction debris and rubbish within the Development and for maintaining the function of all Common Elements. The Developer shall be responsible for the function and maintenance of all Common Elements. No burning of any kind will be allowed on the site, including the burning of trees, brush, stumps, or vegetative materials while clearing the site, or of construction materials during construction.

In the event the Developer fails at any time to preserve, retain, or maintain the function of the Common Elements, the Township may serve written notice upon the Developer setting forth the manner in which the Developer has failed to maintain or preserve the Common Element. Such notice shall include a demand that deficiencies in maintenance or preservation be cured within thirty (30) days of the notice. If the deficiencies set forth in the original notice, or any modification thereof, are not cured within such thirty (30) day period or any extension thereof, the Township, in order to prevent the Common Element from becoming a nuisance, may, but is not obligated to, enter upon the Common Element and perform the required maintenance or otherwise cure the deficiencies. The Township's reasonable cost to perform any such maintenance or cure, together with a surcharge equal to fifteen percent (15%) for administrative costs, shall be assessed against the Developer, on the Township's tax rolls for the Development.

Section 2.09 Private Roads.

All roads within the Development shall be private roads as depicted on the approved Final Site Plan and approved Engineering Plans.

Section 2.10 Storm Water Management.

The Developer shall notify the Township in writing within thirty (30) days of the date the Washtenaw County Water Resources Commission (WCWRC) becomes responsible for the storm water management system, including its related detention basin areas, inlet and outlet areas (the "**Storm Water Management System**") as depicted on the Final Site Plan. Notwithstanding the dedication and acceptance of the Storm Water Management System by the WCWRC, the Developer shall be responsible for the maintenance and appearance of the Storm Water Management System. The detention basin(s) or components thereof, shall not be maintained in an unkempt manner.

Section 2.11 Public Sewer and Water

(a) The Development shall have public sanitary sewers and public water mains ("**Public Utilities**") installed as approved by the Charter Township of Superior, Ypsilanti Community Utilities Authority, the Great Lakes Water Authority and/or the Michigan Department of Environmental Quality, subject to applicable laws and regulations. All standard connection and inspection costs and fees imposed by the Township, or other regulatory agencies, including, but not limited to, engineering inspections, shall be paid by the Developer or its successors (e.g. builders).

(b) Developer acknowledges that the Township shall not issue utility connection permits or building permits unless and until the Public Utilities required by the Township to be constructed under this Agreement are substantially complete. Developer agrees, for itself and its successors and assigns, that neither Developer nor its successors or assigns shall do any work on or in preparation for the installation of "public water" on the site without the appropriate permits; provided, however, that Developer shall not be liable for the actions of its successors and assigns.

(c) The Developer shall provide public utility easements for the Public Utilities prior to the issuance of any building permits. Upon approval from Township staff, the public utility easements shall be recorded with the Washtenaw County Register of Deeds. Recording fees are the responsibility of the Developer.

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The Township may draw down from the Security an amount necessary to pay the out-of-pocket costs incurred by the Township to repair any damages which occur to the Public Utilities installed by the Developer after substantial completion of any portion of the Development connected to such Public Utilities but prior to final acceptance of such Public Utilities within such portion of the Development if the Developer (or the Developer's successor or assign) does not complete such repairs within a reasonable amount of time after the Township's request. The Security shall be reduced by the portion thereof allocated to the repair of Public Utilities as set forth in attached **Exhibit C** within 30 days after the Township issues final acceptance of Public Utilities.

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In accordance with Superior Township Ordinance and Superior Township Engineering Design Specifications, no construction work or grading shall be performed on the Development until Engineering Plans are reviewed and approved.

Section 2.15 Driveways.

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Section 2.16 Sidewalks and Non-Motorized Trails.

The Developer shall install all public and private sidewalks and paved pathway improvements shown on the Final Site Plan on the Development in full conformance to the Final Site Plan.

Section 2.17 Landscaping Improvements and Replacement Trees.

The Developer shall be responsible for installing landscaping improvements and replacement trees as indicated on the Final Site Plan. The Developer shall inform the Township in writing of the date of the planting of landscaping improvements and replacement trees and shall be responsible for replacing any plant material that does not survive in a healthy condition for the time period indicated in Section 14.05(F)(6) of Zoning Ordinance No. 174. The Township shall reserve the right to use the Security to pay the out-of-pocket cost incurred by the Township in replacing any such trees that the Developer fails to replace as required per Section 14.05(F)(6) and as permitted under Section 2.06 of this Agreement.

Section 2.18 Construction Access.

Developer shall take all reasonable measures requested by the Township to reduce any dirt, mud and dust created by trucks traveling to and from the Development during construction. This may include regular cleaning of streets, cleaning and replacement of the mud mat at the entrance to the Development, as well as deploying a water truck on site when dust conditions create a nuisance during the site development stage of construction, the expense of which shall be borne exclusively by the Developer.

Section 2.19 Construction Work Schedule.

Construction work within the Development (including excavation, demolition, alteration, and erection) and construction noises shall be prohibited at all times other than:

Monday through Saturday from 7:00 A.M. to 6:00 P.M.

The Township may issue a work permit for hours other than those identified immediately above upon written request of the owner or owner's representative. The request must demonstrate unusual or unique circumstances relating to the proposed construction hours.

Section 2.20 Engineering and Certification.

(a) Developer shall furnish as-built drawing plans signed and sealed by an engineer licensed in the State of Michigan indicating that the site grading, water transmission system, sanitary sewer system, storm water conveyance, soil erosion/ sedimentation and detention/retention facilities have been constructed in substantial accordance with the approved Engineering Plans. Format shall be as requested by Township Engineer. All inspections for water and sewer (sanitary and storm) installations are to be performed by the Township engineers, with applicable fees paid by Developer. The Township will review and approve improvements in accordance with the Township "Engineering Design Specification for Site Improvements" and other applicable laws and ordinances.

(b) Developer shall furnish as-built drawing plans in digital format that is in conformance with the Charter Township of Superior Standards for Submitting Digital As-Built Drawings, Revised March 2007 as amended.

Section 2.21 Underground Utilities.

The Developer shall install all electric, telephone and other communication systems underground in accordance with requirements of the applicable utility company and applicable Township Ordinances. No underground utility structures, i.e. manholes, shall be permitted in sidewalks or driveways per Superior Charter Township Engineering Standards.

Section 2.22 Site Grading

(a) The Developer or the Developer's representative shall submit as-built plot plans and certify that the as-built lot grading conforms to the Township approved site and engineering drawings within industry standards, and that building setbacks conform to the Township approved site and engineering drawings. This certification shall be prepared by and bear the seal of a professional land surveyor licensed in the State of Michigan.

(b) The Township shall have the right to spot-check certification grades at its own discretion. The final certificate of use and occupancy of each building shall be withheld until the lot grading/setback certification is received and approved by the Township. The Township shall have the right, at its own discretion, to waive some or all of the lot grading and building setback certification requirements.

ARTICLE III.
MISCELLANEOUS PROVISIONS

Section 3.01 Amendment and Modifications.

No amendment or modification to or of this Agreement shall be binding upon any party hereto until such amendment or modification is reduced to writing and executed by all parties.

Section 3.02 Governing Law.

This Agreement shall be governed in all respects, whether as to validity, construction, performance and otherwise, by the laws of the State of Michigan.

Section 3.03 Township Approval.

This Agreement has been approved through action of the Township Board at a duly scheduled meeting.

Section 3.04 Developer Approval.

The signers on behalf of the Developer below represent by their signatures that they represent and have authority to bind all owners of legal and equitable title in the Development.

Section 3.05 Execution in Counterparts.

This Agreement may be executed in multiple counterparts, each of which shall be deemed an original and all of which shall constitute one Agreement. The signature of any party to any counterpart shall be deemed to be a signature to, and may be appended to, any other counterpart.

Section 3.06 Preconstruction Meeting with Contractors.

Prior to the commencement of any grading on the Development, the Developer or such other third parties shall schedule a meeting as per the Township's engineering standards with its general contractor, construction manager and the Township's applicable departments, officials, and consultants to review the applicable policies, procedures, and requirements of the Township with respect to construction of the Development.

Section 3.07 Fees.

The Developer shall pay for any reviews reasonably necessary to determine conformance of the Development to this Agreement. This fee would include review time by the Township Engineer, Planner or Attorney.

Section 3.08 Recordation of Agreement.

The Township shall record this Agreement with the Washtenaw County Register of Deeds and shall provide a true copy to the Developer. All costs associated with the recording of this Agreement shall be borne by the Developer. This Agreement will run with the land.

Section 3.09 Mutual Cooperation.

Each party to this Agreement shall (i) take all actions required of it by the terms of this Agreement as expeditiously as possible; (ii) cooperate, to the fullest extent possible, with the other party to this Agreement and with any individual, entity or governmental agency involved in or with jurisdiction over the engineering, design, construction or operation of the Development, or any other improvements which are undertaken in connection with the foregoing, in the granting and obtaining of all easements, rights of way, permits, licenses, approvals and any other consents or permissions necessary for the construction or operation thereof, and including cooperation reasonably necessary to obtain loans or grants; (iii) execute and deliver all reasonable documents necessary to accomplish the purposes and intent of this Agreement, including, but not limited to, such documents or agreements as may be required by the lenders with respect to the Development to secure the financing from such lenders; and (iv) use its reasonable efforts to assist the other party to this Agreement in the discharge of their respective obligations hereunder.

CHARTER TOWNSHIP OF SUPERIOR
DEVELOPMENT AGREEMENT

Prospect Pointe West – Phase 2

THIS DEVELOPMENT AGREEMENT (the "**Agreement**") is made this _____ day of _____, 2024, by and between Diverse Real Estate, LLC, whose address is 13001 23 Mile Road, Suite 200, Shelby Township, MI 48315 (the "**Developer**"), and the Charter Township of Superior, a Michigan municipal corporation, whose address is 3040 N. Prospect Road, Ypsilanti, Michigan 48198 (the "**Township**").

RECITALS:

A. WHEREAS, the Developer desires to develop Phase Two of a four-phase project, an overall parcel of a size totaling approximately 67.99 acres located south of Geddes Road and adjacent to the Prospect Pointe Subdivision in the northeast quarter of Section 33, in accordance with the approved Final Site Plan dated May 20, 2024 (the "**Development**") as more particularly described in the attached **Exhibit A**; and

B. WHEREAS, the Developer is developing the residential development pursuant to the Superior Township Zoning Ordinance No. 174, as amended, and other applicable law; and

C. WHEREAS, the Developer desires to build all necessary on-site infrastructure for the Development, including but not limited to: water mains, sanitary sewers, non-motorized trails, open space, storm water management system, sidewalks and private roads, and similar amenities in the Development (**the "Site Improvements**"); and

D. WHEREAS, the Developer desires to install grading and soil erosion and sedimentation control improvements to facilitate the drainage of storm water from the Development in such a manner as is not expected to result in damage to any adjacent property outside of the Development or any site, building, or residential unit within the Development from an increase in the flow of storm water or decrease in water quality of storm water from the Development, as more fully set forth in the final engineering plans approved by the Township ("**Engineering Plans**"); and

E. WHEREAS, all agreements, approvals, and conditions agreed to by the Developer and the Township remain in effect for the Development, including, but not limited to, conditions of all approvals by the Township regarding zoning and site plan approval for the Development and permits that may have been issued by appropriate governmental review agencies for the Development; and

F. WHEREAS, on May 22, 2024, the Township approved, by action of the Superior Charter Township Planning Commission, the Final Site Plan for the STPC #24-01, Prospect Pointe West Phase 2, with conditions ("**Final Site Plan**"), and all conditions of the Final Site Plan have been satisfactorily met; and

H. WHEREAS, the approved Final Site Plan for the Development is consistent with the purposes and objectives of the Township's Zoning Ordinance pertaining to the use and development of the Development; and

I. WHEREAS, Section 10.05(G) of the Superior Charter Township Zoning Ordinance requires the execution of a Development Agreement in connection with the approval of the Final Site Plan for the Development; and

J. WHEREAS, the Development Agreement shall be binding upon the Township, the Developer of the Development, their successors-in-interest, and assigns.

NOW, THEREFORE, in consideration of the premises and the mutual covenants of the parties described in this Agreement, and with the express understanding that this Agreement contains important and essential terms as part of the approval of the Developer's Final Site Plan for the Development, the parties hereby agree as follows:

ARTICLE I.
GENERAL TERMS

Section 1.01 Recitals Part of Agreement.

Developer and the Township acknowledge and represent that the foregoing recitals are true, accurate and binding on the respective parties and are an integral part of this Agreement.

Section 1.02 Zoning District.

The Township acknowledges and represents that the property is zoned R-4 (Single Family Residential) for the Development and, for purposes of recordation, shall be referred to as Prospect Pointe West Phase 2, and that the Developer's intended use as described herein is a permitted use under the R-4 (Single-Family Residential) zoning district designation.

Section 1.03 Approval of Final Site Plan.

The Final Site Plan dated May 20, 2024, attached hereto as **Exhibit B** has been approved pursuant to the authority granted to and vested in the Township pursuant to the Michigan Public Act 110 of the 2006 Zoning Enabling Act, as amended.

Section 1.04 Conditions of Final Site Plan Approval.

The Developer and the Township acknowledge that the approved Final Site Plan for the Development referenced in Section 1.03 incorporates the Township's complete and final approved conditions and requirements for the Final Site Plan that were adopted by the Township Planning Commission pursuant to recommendations by the consultants and departments of the Township.

Section 1.05 Agreement Running with the Land.

The terms, provisions and conditions of this Agreement shall be deemed to be of benefit to the Development described herein, shall be deemed a restrictive covenant which shall run with the land and be binding upon and inure to the benefit of the parties and their successors and assigns, and binding upon the successors-in-interest to any portion of the Development, and may not be modified or rescinded except as provided in Section 3.01 below.

Section 1.06 Developer Responsibilities for Improvements and Assessments.

Except as otherwise provided for in this Agreement and except as dedicated by the Developer to the Township or other governmental authorities after approval of the Township, the Developer shall be responsible for the maintenance of all Site Improvements.

ARTICLE II.
PROVISIONS REGARDING DEVELOPMENT

Section 2.01 Permitted Principal Uses.

The permitted principal uses within the Development shall conform to the list of allowable land uses specified on the adopted Site Plan for the Development, along with any other accessory uses and/or amenities permitted under the Township's ordinances.

Section 2.02 Payment of Fees and Invoices.

Developer shall pay all such applicable fees and invoices as may be due and payable prior to the issuance of building permits. Construction permit fees for buildings to be constructed within the Development shall be the responsibility of the party requesting such permits.

Section 2.03 Common Elements.

As used in this Agreement the term Common Elements refers to the following items:

(a) Open space
(b) Parks
(c) Pathways
(d) Detention areas
(e) Storm water drainage; and
(f) Any other items depicted in the Final Site Plan and designated as a Common Element.

Section 2.04 Use of Detention Areas; Use of Open Space and Park Areas.

Certain portions of the Development are to be used for storm water detention and drainage; recreation, open space, wetlands as depicted in the approved drainage plan and/or Final Site Plan.

Section 2.05 Changes and Improvements.

Incidental changes to the Development, the Final Site Plan, or to the Site Improvements may be installed or constructed with the prior approval of the Township Building Official, Planning & Zoning Administrator, and the Township Supervisor per Section 10.02(C), Administrative Approval, of Zoning Ordinance No. 174, which approval shall not unreasonably be withheld. All other improvements and changes must be approved by the Township Planning Commission.

Section 2.06 Performance Guarantees.

Prior to the commencement of any work on the Site Improvements in the Development, the Developer shall deliver to the Township financial security by means of a certified check, cash, or an irrevocable letter of credit (hereafter referred to as the "**Security**") that names the Township as the beneficiary thereof in an amount equal to the estimated costs as approved by the Township consulting engineers, which approval may not be unreasonably withheld for the following items with respect to the Development:

(a) All Site Improvements to be installed pursuant to the Final Site Plan and approved Engineering Plans.
(b) Repairs to underground public utility infrastructure.
(c) Maintenance and Restoration of slopes installed by Developer may be necessary in future after initial construction, prior to the installation of adjacent phases to complete the public utilities and road through Phase 2. It is also possible that if the adjacent phase(s) do not proceed in future, the Township may need to implement some work to integrate the Phase 2 improvement as an existing condition. Therefore, this guarantee shall be held until adjacent phase(s) is installed.

The Security may be amended or replaced from time to time as expressly provided in this Agreement.

The Security may be drawn upon by the Township only as expressly permitted in this Agreement. The Security shall be fully returned by the Township to the Developer when all of the conditions to its release set forth in **Exhibit C** (the "**Security Itemization**"), attached hereto, have been satisfied.

The Security shall be reduced from time to time as those items in (a) through (b) above are completed by the Developer and approved by the Township. Further, the Developer shall receive partial reductions in the amount of the Security and/or partial returns of the Security when individual units within the Development to which the Security pertains, receives a final certificate of occupancy. The Developer shall provide written notice of completion to the Township and the Township shall inspect the items as soon as reasonably possible. The reduction or return of the Security shall be made annually and be based on the percentage of dwellings within the phase to which such the Security pertains that have received final certificates of occupancy.

Section 2.07 Completion of Site Improvements.

All Site Improvements for Phase 2 will be installed in one phase, including those necessary to connect to the existing Township water main and sanitary sewer systems. Improvements for subsequent phases will not be installed until Final Site Plans are approved for each of those phases. Site Improvements shall be installed, as depicted on the Final Site Plan and approved final Engineering Plans by no later than the time of application for the building permit for the construction of the first building. The first building permit may be issued if the franchise utilities (gas, electric, telephone, cable TV) are not installed, but no certificate of occupancy will be issued until the franchise utilities have been completed.

Section 2.08 Responsibility to Preserve, Retain, and Maintain the Development and Common Elements.

The Developer shall regularly remove, but no less frequently than once a month, all construction debris and rubbish within the Development and for maintaining the function of all Common Elements. The Developer shall be responsible for the function and maintenance of all Common Elements. No burning of any kind will be allowed on the site, including the burning of trees, brush, stumps, or vegetative materials while clearing the site, or of construction materials during construction.

In the event the Developer fails at any time to preserve, retain, or maintain the function of the Common Elements, the Township may serve written notice upon the Developer setting forth the manner in which the Developer has failed to maintain or preserve the Common Element. Such notice shall include a demand that deficiencies in maintenance or preservation be cured within thirty (30) days of the notice. If the deficiencies set forth in the original notice, or any modification thereof, are not cured within such thirty (30) day period or any extension thereof, the Township, in order to prevent the Common Element from becoming a nuisance, may, but is not obligated to, enter upon the Common Element and perform the required maintenance or otherwise cure the deficiencies. The Township's reasonable cost to perform any such maintenance or cure, together with a surcharge equal to fifteen percent (15%) for administrative costs, shall be assessed against the Developer, on the Township's tax rolls for the Development.

Section 2.09 Private Roads.

All roads within the Development shall be private roads as depicted on the approved Final Site Plan and approved Engineering Plans.

Section 2.10 Storm Water Management.

The Developer shall notify the Township in writing within thirty (30) days of the date the Washtenaw County Water Resources Commission (WCWRC) becomes responsible for the storm water management system, including its related detention basin areas, inlet and outlet areas (the "**Storm Water Management System**") as depicted on the Final Site Plan. Notwithstanding the dedication and acceptance of the Storm Water Management System by the WCWRC, the Developer shall be responsible for the maintenance and appearance of the Storm Water Management System. The detention basin(s) or components thereof, shall not be maintained in an unkempt manner.

Section 2.11 Public Sewer and Water

(a) The Development shall have public sanitary sewers and public water mains ("**Public Utilities**") installed as approved by the Charter Township of Superior, Ypsilanti Community Utilities Authority, the Great Lakes Water Authority and/or the Michigan Department of Environmental Quality, subject to applicable laws and regulations. All standard connection and inspection costs and fees imposed by the Township, or other regulatory agencies, including, but not limited to, engineering inspections, shall be paid by the Developer or its successors (e.g. builders).

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to secure the financing from such lenders; and (iv) use its reasonable efforts to assist the other party to this Agreement in the discharge of their respective obligations hereunder.

[Signatures appear on the following page]

IN WITNESS WHEREOF, the parties have executed this Agreement as the year and date set forth above.

DEVELOPER:

DIVERSE REAL ESTATE, LLC,
A Michigan Limited Liability Company

_____

By: Anthony Lombardo
Its: Authorized Agent

TOWNSHIP:

CHARTER TOWNSHIP OF SUPERIOR,
a Michigan Municipal Corporation

_____

By: Kenneth Schwartz
Its: Supervisor

_____

By: Lynette Findley
Its: Clerk

STATE OF MICHIGAN)
) ss
COUNTY OF MACOMB)

The foregoing instrument was acknowledged before me this ____ day of _____, 2024, by Anthony Lombardo, Authorized Agent of Diverse Real Estate, LLC, a Michigan Limited Liability Company, on behalf of the company.

_____

_____, Notary Public
_____ County, Michigan
My Commission Expires: _____
Acting in _____ County, MI

STATE OF MICHIGAN)
) ss.
COUNTY OF WASHTENAW)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Kenneth Schwartz and Lynette Findley, Supervisor and Clerk, respectively, of the Charter Township of Superior, a Michigan Municipal Corporation, on behalf of the corporation.

_____
_____, Notary Public
_____ County, Michigan
My Commission Expires: _____
Acting in _____ County, MI

When recorded return to:
Lynette Findley
Superior Charter Township Clerk
3040 N. Prospect
Ypsilanti, Michigan 48198
(734) 482-6099

Exhibits:

Exhibit A – Legal Description of Development
Exhibit B – Final Site Plan
Exhibit C – The Security Itemization

EXHIBIT A

Legal Description of the "Development"

Land located in the Charter Township of Superior, Washtenaw County, Michigan and legally described as follows:

COMMENCING AT THE EAST 1/4 CORNER OF SECTION 33, TOWN 2 SOUTH, RANGE 7 EAST, SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN; THENCE S87°25'50"W (RECORDED AS S87°41'00"W) 1079.06 FEET ALONG THE EAST-WEST 1/4 LINE OF SAID SECTION 33 FOR A PLACE OF BEGINNING; THENCE CONTINUING S87°25'50"W (RECORDED AS S87°41'00"W) 1658.89 FEET ALONG THE EAST-WEST 1/4 LINE OF SAID SECTION 33 TO THE CENTER POST OF SAID SECTION 33; THENCE N02°57'34"W (RECORDED AS N02°42'24"W) 2652.37 FEET ALONG THE NORTH-SOUTH ¼ LINE OF SAID SECTION 33 TO THE NORTH 1/4 CORNER OF SAID SECTION 33; THENCE N86°48'36"E (RECORDED AS N87°03'46"E) 833.32 FEET ALONG THE NORTH LINE OF SAID SECTION 33 AND THE CENTERLINE OF GEDDES ROAD (VARIABLE WIDTH); THENCE S03°12'30"E (PLATTED AS S02°57'20"E) 230.61 FEET ALONG THE WESTERLY LINE OF PROSPECT POINTE SUBDIVISION NO. 1, AS RECORDED IN LIBER 35 OF PLATS, PAGE 67, WASHTENAW COUNTY RECORDS, ALSO BEING THE WEST LINE OF LOT 200 OF AMENDED PLAT OF LOT 1 AND THE VACATED PORTION OF ABIGAIL DRIVE OF "PROSPECT POINTE SUBDIVISION NO. 1" AS RECORDED IN LIBER 36 OF PLATS, PAGE 64, WASHTENAW COUNTY RECORDS; THENCE N86°47'30"E 105.00 FEET; THENCE S17°39'09"E (PLATTED AS S17°23'58"E) 68.15 FEET ALONG THE WEST LINE OF HUNTERS CREEK DRIVE (100 FEET WIDE) OF SAID PROSPECT POINTE SUBDIVISION NO. 1; THENCE S86°47'30"W (PLATTED AS S87°02'40"W) 120.00 FEET ALONG THE SOUTH LINE OF SAID LOT 200, ALSO BEING THE NORTH LINE OF LOT 86 OF SAID PROSPECT POINTE SUBDIVISION NO. 1; THENCE S03°12'30"E (PLATTED AS S02°57'20"E) 86.00 FEET ALONG THE WEST LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1; THENCE ALONG THE WESTERLY LINE OF PROSPECT POINTE SUBDIVISION NO. 2, AS RECORDED IN LIBER 35 OF PLATS, PAGE 99, WASHTENAW COUNTY RECORDS, FOR THE FOLLOWING TWENTY NINE (29) COURSES: S20°03'11"W (PLATTED AS S20°18'21"W) 37.01 FEET, S34°16'37"W (PLATTED AS S34°31'47"W) 103.24 FEET, S14°36'50"W (PLATTED AS S14°52'00"W) 85.12 FEET, S04°44'49"W (PLATTED AS S05°59'59"W) 89.33 FEET, S08°01'14"E (PLATTED AS S07°46'04"E) 81.01 FEET, S19°49'12"E (PLATTED AS S19°34'02"E) 76.46 FEET, S28°36'23"E (PLATTED AS S28°21'13"E) 40.86 FEET, S36°50'24"E (PLATTED AS S36°35'14") 69.56 FEET, S47°03'42"W (PLATTED AS S47°18'52"W) 95.59 FEET, S04°56'41"W (PLATTED AS S05°11'51"W) 120.87 FEET, S14°29'11"E (PLATTED AS S14°14'10"E) 63.68 FEET, S50°10'13"E (PLATTED AS S49°55'03"E) 129.94 FEET, S89°37'53"E (PLATTED AS S89°22'43"E) 133.38 FEET, N53°09'36"E (PLATTED AS N53°24'46"E)

62.06 FEET, S36°50'24"E (PLATTED AS S36°35'14"E) 85.67 FEET, S25°39'53"E (PLATTED AS S25°24'43"E) 44.78 FEET, S12°08'48"E (PLATTED AS S11°53'38"E) 36.45 FEET, S03°10'48"W (PLATTED AS S03°25'58"W) 173.12 FEET, S13°51'38"E (PLATTED AS S13°36'28"E) 37.88 FEET, S14°58'30"E (PLATTED AS S14°43'20"E) 14.00 FEET, S16°17'53"E (PLATTED AS S16°41'17"E) 42.30 FEET, S27°56'27"E (PLATTED AS S27°41'17"E) 80.08 FEET, S40°21'48"E (PLATTED AS S40°06'38"E) 75.94 FEET, S50°50'05"E (PLATTED AS S50°34'55"E) 75.85 FEET, S57°55'06"E (PLATTED AS S57°39'56"E) 98.34 FEET, N32°04'54"E (PLATTED AS N32°20'04"E) 120.00 FEET, S57°55'06"E (PLATTED AS S57°39'56"E) 112.81 FEET, S32°04'54"W (PLATTED AS S32°20'04"W) 120.00 FEET, S61°33'56"E (PLATTED AS S61°18'46"E) 74.87 FEET; THENCE S70°08'30"E (PLATTED AS N69°53'20"W) 94.83 FEET ALONG THE SOUTH LINE OF LOT 201 OF AMENDED PLAT OF LOT 199 AND THE VACATED PORTION OF FRANCES WAY OF "PROSPECT POINTE SUBDIVISION NO. 2" AS RECORDED IN LIBER 36 OF PLATS, PAGE 65, WASHTENAW COUNTY RECORDS; THENCE 8.22 FEET ALONG THE ARC OF A 197.00 FOOT RADIUS CIRCULAR CURVE TO THE LEFT, CHORD BEARING N21°03'12"E 8.22 FEET; THENCE N19°51'30"E 111.78 FEET; THENCE S70°08'30"E (PLATTED AS S69°53'20"E) 66.00 FEET ALONG THE SOUTH LINE OF HUNTERS CREEK DRIVE (66 FEET WIDE) OF SAID PROSPECT POINTE SUBDIVISION NO. 2; THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EAST LINE OF SAID LOT 201, ALSO BEING THE WEST LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1: S19°51'30"W (PLATTED AS S20°06'40"W) 111.78 FEET AND 8.22 FEET ALONG THE ARC OF A 263.00 FOOT RADIUS CIRCULAR CURVE TO THE RIGHT, CHORD BEARING S20°45'13"W (PLATTED AS S21°00'23"W) 8.22 FEET; THENCE ALONG THE WESTERLY LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1 FOR THE FOLLOWING SEVEN (7) COURSES: 118.83 FEET ALONG THE ARC OF A 263.00 FOOT RADIUS NON TANGENTIAL CIRCULAR CURVE TO THE RIGHT, CHORD BEARING S34°35'35"W 117.82 FEET, S47°32'14"W (PLATTED AS S47°47'24"W) 48.01 FEET, S42°27'46"E 135.80 FEET (RECORDED AS S42°12'36"E 135.08 FEET AND PLATTED AS S42°12'36"E 135.80 FEET), S69°28'35"E (PLATTED AS S69°13'25"E) 162.02 FEET, S19°15'30"E (PLATTED AS S19°00'20"E) 125.77 FEET, S07°37'05"W (PLATTED AS S07°52'15") 120.86 FEET AND S39°20'09"W (PLATTED AS S39°35'19"W) 126.12 FEET TO THE PLACE OF BEGINNING, CONTAINING 67.99 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO THE RIGHTS OF THE PUBLIC OVER THE NORTHERLY 33 FEET THEREOF AS OCCUPIED BY SAID GEDDES ROAD AND SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

EXHIBIT B

Prospect Pointe West Phase 2 Final Site Plan

A copy of this Final Site Plan is also on file with
Charter Township of Superior,
located at 3040 N. Prospect Road, Ypsilanti, MI 48198.

EXHIBIT C

The Security Itemization

Site Work Financial Guarantee

Earthwork & Erosion Control	$3,100.00
Water Mains and Appurtenances	$204,700.00
Sanitary Sewers	$267,300.00
Stormwater Piping and Detention	$0.00*
Landscaping/Seeding	$3,000.00
Paving	$481,900.00
Total	$960,000.00
Site Work Financial Guarantee Amount:	**$960,000.00**

*** Value reduced as Financial Guarantee for Prospect Pointe Drainage District improvements by development to be provided to WCWRC by developer**

Public Utility Repair Bond

Water Mains and Appurtenances	$204,700.00
Sanitary Sewers	$267,300.00
Total	$472,000.00
($ x 5%)	
Public Utility Repair Bond Amount	**$23,600.00**

PROSPECT POINTE WEST

A SINGLE FAMILY DEVELOPMENT

SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN

FINAL SITE PLAN - PHASE 2

PROJECT CONTACTS

DEVELOPER / APPLICANT
DIVERSE REAL ESTATE LLC
13001 23 MILE ROAD, SUITE 200
SHELBY TWP, MICHIGAN 48315
CONTACT: AMIE ACKERMAN
PHONE: (248) 561-0001

CIVIL ENGINEER
ATWELL, LLC
311 NORTH MAIN STREET
ANN ARBOR, MICHIGAN 48104
CONTACT: MATT BUSH, P.E.
PHONE: (810) 923-6878

LEGAL DESCRIPTION

DESCRIPTION OF 67.99 ACRE PARCEL OF LAND LOCATED IN THE NORTHEAST 1/4 OF SECTION 33, TOWN 2 SOUTH, RANGE 7 EAST, SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN, INCLUDING A PORTION OF LOT 200 OF AMENDED PLAT OF LOT 1 AND THE VACATED PORTION OF ABIGAIL DRIVE OF "PROSPECT POINTE SUBDIVISION NO. 1" AS RECORDED IN LIBER 36 OF PLATS, PAGE 64, WASHTENAW COUNTY RECORDS, ALSO INCLUDING A PORTION OF LOT 201 OF AMENDED PLAT OF LOT 199 AND THE VACATED PORTION OF FRANCES WAY OF "PROSPECT POINTE SUBDIVISION NO. 2" AS RECORDED IN LIBER 36 OF PLATS, PAGE 65, WASHTENAW COUNTY RECORDS, BEING MORE PARTICULARLY DESCRIBED AS: (AS SURVEYED BY ATWELL)

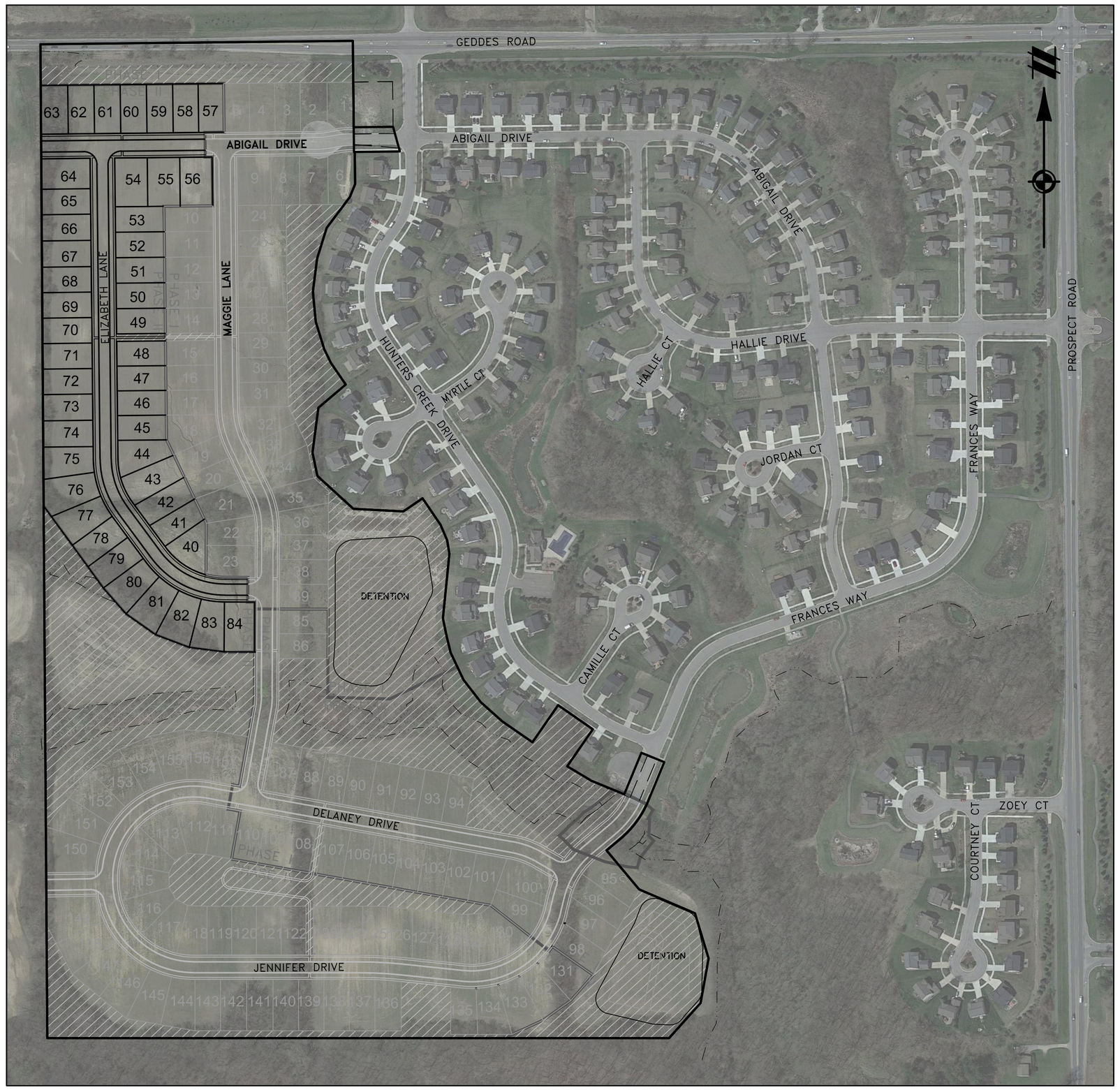
COMMENCING AT THE EAST 1/4 CORNER OF SECTION 33, TOWN 2 SOUTH, RANGE 7 EAST, SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN; THENCE S87°25'50"W (RECORDED AS S87°41'00"W) 1079.06 FEET ALONG THE EAST-WEST 1/4 LINE OF SAID SECTION 33 FOR A **PLACE OF BEGINNING**; THENCE CONTINUING S87°25'50"W (RECORDED AS S87°41'00"W) 1658.89 FEET ALONG THE EAST-WEST 1/4 LINE OF SAID SECTION 33 TO THE CENTER POST OF SAID SECTION 33; THENCE N02°57'34"W (RECORDED AS N02°42'24"W) 2652.37 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 33 TO THE NORTH 1/4 CORNER OF SAID SECTION 33; THENCE N86°48'36"E (RECORDED AS N87°03'46"E) 833.32 FEET ALONG THE NORTH LINE OF SAID SECTION 33 AND THE CENTERLINE OF GEDDES ROAD (VARIABLE WIDTH); THENCE S03°12'30"E (PLATTED AS S02°57'20"E) 230.61 FEET ALONG THE WESTERLY LINE OF PROSPECT POINTE SUBDIVISION NO. 1, AS RECORDED IN LIBER 35 OF PLATS, PAGE 67, WASHTENAW COUNTY RECORDS, ALSO BEING THE WEST LINE OF LOT 200 OF AMENDED PLAT OF LOT 1 AND THE VACATED PORTION OF ABIGAIL DRIVE OF "PROSPECT POINTE SUBDIVISION NO. 1" AS RECORDED IN LIBER 36 OF PLATS, PAGE 64, WASHTENAW COUNTY RECORDS; THENCE N86°47'30"E 105.00 FEET; THENCE S17°39'09"E (PLATTED AS S17°23'58"E) 68.15 FEET ALONG THE WEST LINE OF HUNTERS CREEK DRIVE (100 FEET WIDE) OF SAID PROSPECT POINTE SUBDIVISION NO. 1; THENCE S86°47'30"W (PLATTED AS S87°02'40"W) 120.00 FEET ALONG THE SOUTH LINE OF SAID LOT 200, ALSO BEING THE NORTH LINE OF LOT 86 OF SAID PROSPECT POINTE SUBDIVISION NO. 1; THENCE S03°12'30"E (PLATTED AS S02°57'20"E) 86.00 FEET ALONG THE WEST LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1; THENCE ALONG THE WESTERLY LINE OF PROSPECT POINTE SUBDIVISION NO. 2, AS RECORDED IN LIBER 35 OF PLATS, PAGE 99, WASHTENAW COUNTY RECORDS, FOR THE FOLLOWING TWENTY NINE (29) COURSES: S20°03'11"W (PLATTED AS S20°18'21"W) 37.01 FEET, S34°16'37"W (PLATTED AS S34°31'47"W) 103.24 FEET, S14°36'50"W (PLATTED AS S14°52'00"W) 85.12 FEET, S04°44'49"W (PLATTED AS S05°59'59"W) 89.33 FEET, S08°01'14"E (PLATTED AS S07°46'04"E) 81.01 FEET, S19°49'12"E (PLATTED AS S19°34'02"E) 76.46 FEET, S28°36'23"E (PLATTED AS S28°21'13"E) 40.86 FEET, S36°50'24"E (PLATTED AS S36°35'14") 69.56 FEET, S47°03'42"W (PLATTED AS S47°18'52"W) 95.59 FEET, S04°56'41"W (PLATTED AS S05°11'51"W) 120.87 FEET, S14°29'11"E (PLATTED AS S14°14'10"E) 63.68 FEET, S50°10'13"E (PLATTED AS S49°55'03"E) 129.94 FEET, S89°37'53"E (PLATTED AS S89°22'43"E) 133.38 FEET, N53°09'36"E (PLATTED AS N53°24'46"E) 62.06 FEET, S36°50'24"E (PLATTED AS S36°35'14"E) 85.67 FEET, S25°39'53"E (PLATTED AS S25°24'43"E) 44.78 FEET, S12°08'48"E (PLATTED AS S11°53'38"E) 36.45 FEET, S03°10'48"W (PLATTED AS S03°25'58"W) 173.12 FEET, S13°51'38"E (PLATTED AS S13°36'28"E) 37.88 FEET, S14°58'30"E (PLATTED AS S14°43'20"E) 14.00 FEET, S16°17'53"E (PLATTED AS S16°41'17"E) 42.30 FEET, S27°56'27"E (PLATTED AS S27°41'17"E) 80.08 FEET, S40°21'48"E (PLATTED AS S40°06'38"E) 75.94 FEET, S50°50'05"E (PLATTED AS S50°34'55"E) 75.85 FEET, S57°55'06"E (PLATTED AS S57°39'56"E) 98.34 FEET, N32°04'54"E (PLATTED AS N32°20'04"E) 120.00 FEET, S57°55'06"E (PLATTED AS S57°39'56"E) 112.81 FEET, S32°04'54"W (PLATTED AS S32°20'04"W) 120.00 FEET, S61°33'56"E (PLATTED AS S61°18'46"E) 74.87 FEET; THENCE S70°08'30"E (PLATTED AS N69°53'20"W) 94.83 FEET ALONG THE SOUTH LINE OF LOT 201 OF AMENDED PLAT OF LOT 199 AND THE VACATED PORTION OF FRANCES WAY OF "PROSPECT POINTE SUBDIVISION NO. 2" AS RECORDED IN LIBER 36 OF PLATS, PAGE 65, WASHTENAW COUNTY RECORDS; THENCE 8.22 FEET ALONG THE ARC OF A 197.00 FOOT RADIUS CIRCULAR CURVE TO THE LEFT, CHORD BEARING N21°03'12"E 8.22 FEET; THENCE N19°51'30"E 111.78 FEET; THENCE S70°08'30"E (PLATTED AS S69°53'20"E) 66.00 FEET ALONG THE SOUTH LINE OF HUNTERS CREEK DRIVE (66 FEET WIDE) OF SAID PROSPECT POINTE SUBDIVISION NO. 2; THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EAST LINE OF SAID LOT 201, ALSO BEING THE WEST LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1: S19°51'30"W (PLATTED AS S20°06'40"W) 111.78 FEET AND 8.22 FEET ALONG THE ARC OF A 263.00 FOOT RADIUS CIRCULAR CURVE TO THE RIGHT, CHORD BEARING S20°45'13"W (PLATTED AS S21°00'23"W) 8.22 FEET; THENCE ALONG THE WESTERLY LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1 FOR THE FOLLOWING SEVEN (7) COURSES: 118.83 FEET ALONG THE ARC OF A 263.00 FOOT RADIUS NON TANGENTIAL CIRCULAR CURVE TO THE RIGHT, CHORD BEARING S34°35'35"W 117.82 FEET, S47°32'14"W (PLATTED AS S47°47'24"W) 48.01 FEET, S42°27'46"E 135.80 FEET (RECORDED AS S42°12'36"E 135.08 FEET AND PLATTED AS S42°12'36"E 135.80 FEET), S69°28'35"E (PLATTED AS S69°13'25"E) 162.02 FEET, S19°15'30"E (PLATTED AS S19°00'20"E) 125.77 FEET, S07°37'05"W (PLATTED AS S07°52'15") 120.86 FEET AND S39°20'09"W (PLATTED AS S39°35'19"W) 126.12 FEET TO THE PLACE OF BEGINNING, CONTAINING 67.99 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO THE RIGHTS OF THE PUBLIC OVER THE NORTHERLY 33 FEET THEREOF AS OCCUPIED BY SAID GEDDES ROAD AND SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

PROJECT NARRATIVE

PROSPECT POINTE WEST IS LOCATED AT THE SOUTHWEST CORNER OF GEDDES ROAD AND PROSPECT ROAD, WEST OF HUNTERS CREEK DRIVE IN SUPERIOR TOWNSHIP. THIS PARCEL WAS ORIGINALLY PART OF THE PROSPECT POINTE DEVELOPMENT, A PLATTED SUBDIVISION, WHICH WAS PERMITTED THROUGH SUPERIOR TOWNSHIP APPROXIMATELY 10 YEARS AGO. PROSPECT POINTE WEST IS 67.99 ACRES AND IS ZONED R4, SINGLE FAMILY RESIDENTIAL DISTRICT, URBAN.

THE APPLICANT IS PROPOSING TO DEVELOP THE PROJECT AS A 157 - UNIT SITE CONDOMINIUM. THE PROPOSED LOT DIMENSIONS ARE 66' X 130' WITH A MINIMUM LOT SIZE OF 8,580 SF. THE HOMES WILL RANGE IN SIZE FROM 2,000 TO 3,200 SF WITH SALES PRICES STARTING IN THE $400,000S. THE DEVELOPMENT WILL BE CONSTRUCTED IN 4 PHASES. THIS PLAN IS FOR PHASE 1 OF THE DEVELOPMENT.

PROSPECT POINTE IS PROPOSED TO CONTAIN PRIVATE ROADS WITH SIDEWALKS ON BOTH SIDES, WHICH HAVE ALREADY RECEIVED APPROVAL FROM THE COUNTY ROAD COMMISSION BASED ON THE PREVIOUSLY APPROVED PLANS FOR THE PROJECT. THE DEVELOPMENT WILL BE SERVICED BY PUBLIC SANITARY SEWER WHICH WILL BE DESIGNED AS AN EXTENSION OFF OF THE EXISTING PROSPECT POINTE DEVELOPMENT. PUBLIC WATER WILL ALSO BE EXTENDED FROM THE EXISTING SUBDIVISION.



OVERALL DEVELOPMENT MAP
SCALE: 1" = 200'

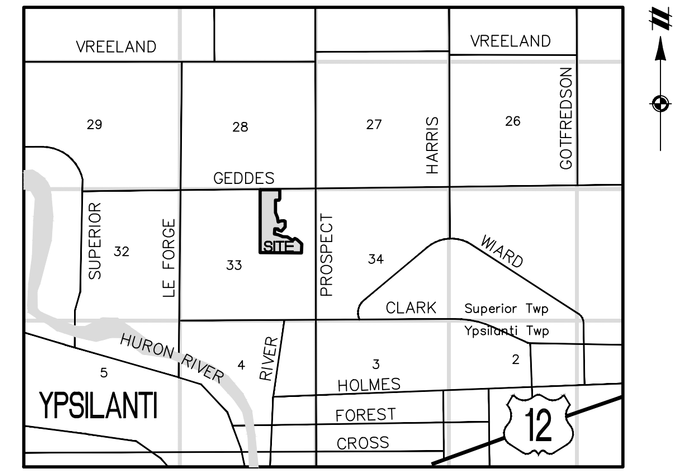
PHASING SCHEDULE

	# UNITS	START	COMPLETION
PHASE I	39	OCTOBER 2023	JULY 2024
PHASE II	45	JUNE 2024	APRIL 2025
PHASE III	26	JUNE 2025	APRIL 2026
PHASE IV	47	JUNE 2026	APRIL 2027

NOTES:
1. ACTUAL START OF PHASES II - IV SUBJECT TO ECONOMIC AND OTHER FACTORS
2. ESTIMATED DATE OF FIRST OCCUPANCY SUMMER 2024

PERMITS AND APPROVALS

Agency	Status/Date Approved	Application/Permit Number
Superior Township Preliminary Site Plan	8/26/2020	
Superior Township Engineering Plan	6/1/2023	
WCWRC SESC	4/13/2023	SESC2023-0054
EGLE Wetlands Permit	3/16/2023	WRP036295
Washtenaw County Road Commission	11/21/2022	2022-000681
WCWRC - Stormwater	7/8/2022	1524
EGLE Water Supply (PA 399)	2/26/2023	ACT-229388
EGLE Waste Water Collection (Part 41)	10/14/2022	P41003992
NPDES Construction Stormwater Discharge	5/16/2023	MIR117620



VICINITY MAP
NOT TO SCALE

SHEET INDEX

1	COVER SHEET	31	DRAINAGE AREA PLAN
2	OVERALL ORIGINAL CONDITIONS	32	STORMWATER CONVEYANCE CALCULATIONS
3	ORIGINAL CONDITIONS & DEMOLITION PLAN	33	UTILITY STRUCTURE TABLE
4	ORIGINAL CONDITIONS & DEMOLITION PLAN	34	INTERSECTION DETAILS
5	TREE LIST	35	FIRE PROTECTION PLAN
6	TREE LIST	36	INVASIVE SPECIES REMOVAL PLAN
7	NATURAL FEATURES PLAN	37	DETAIL SHEET 1
8	SOIL EROSION CONTROL PLAN	38	DETAIL SHEET 2
9	SOIL EROSION CONTROL PLAN	39	TYPICAL BUILDING DETAILS
10	TEMPORARY CONSTRUCTION ACCESS DRIVE	40	TYPICAL BUILDING DETAILS
11	SOIL EROSION CONTROL NOTES & DETAILS	41	SUPERIOR TOWNSHIP SANITARY DETAIL SHEET 1
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13	LAYOUT PLAN	43	SUPERIOR TOWNSHIP STORM DETAIL SHEET 1
14	LAYOUT PLAN	44	SUPERIOR TOWNSHIP STORM DETAIL SHEET 2
15	OVERALL GRADING PLAN	45	SUPERIOR TOWNSHIP WATER DETAIL SHEET 1
16	GRADING PLAN	46	SUPERIOR TOWNSHIP WATER DETAIL SHEET 2
17	GRADING PLAN	L-1	LANDSCAPE PLAN
18	OVERALL UTILITY PLAN	L-2	LANDSCAPE DETAILS
19	UTILITY PLAN		
20	UTILITY PLAN		
21	ABIGAIL DRIVE PLAN & PROFILE		
22	ELIZABETH LANE PLAN & PROFILE 1		
23	ELIZABETH LANE PLAN & PROFILE 2		
24	SANITARY PLAN & PROFILE 1		
25	SANITARY PLAN & PROFILE 2		
26	SANITARY PLAN & PROFILE 3		
27	STORMWATER PLAN & PROFILE 1		
28	STORMWATER PLAN & PROFILE 2		
29	STORMWATER PLAN & PROFILE 3		
30	DRAINAGE AREA PLAN		

SITE DATA

GROSS AREA:	67.99 ACRES
GEDDES ROAD ROW:	1.15 ACRES
NET AREA:	66.84 ACRES
EXISTING ZONING:	R4 - SINGLE FAMILY RESIDENTIAL
PROPOSED ZONING:	R4 - SINGLE FAMILY RESIDENTIAL
PROPOSED USE:	SINGLE FAMILY RESIDENTIAL SITE CONDOMINIUM
NUMBER OF PROPOSED LOTS TOTAL:	157
PROPOSED DENSITY (GROSS):	2.31
PROPOSED DENSITY (NET):	2.35
NUMBER OF PROPOSED LOTS PHASE 2:	45
LOT AREA PER DWELLING UNIT:	66' X 130' = 8580 SF (TYPICAL)
MINIMUM LOT WIDTH:	66'
LOT SETBACKS:	
FRONT-	25'
SIDE-	6' MIN. (16' TOTAL)
REAR-	35'
PROPOSED LOT COVERAGE:	MAX 25%
PROPOSED GENERAL COMMON ELEMENT (G.C.E.):	21.77 ACRES
WETLAND IMPACTS:	
REGULATED	0.50 ACRES
NON-REGULATED	0.06 ACRES

*FIRE DEPARTMENT NOTE: ROADWAYS AND BRIDGES TO BE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHTING 80,000 POUNDS

STATE OF MICHIGAN
KYLER SHEERIN
No. 68966
LICENSED PROFESSIONAL ENGINEER

811 Know what's below. Call before you dig.
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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ANN ARBOR, MI 48104
734.994.4000

SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
COVER SHEET

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 100 200
SCALE: 1" = 200 FEET

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO.
1

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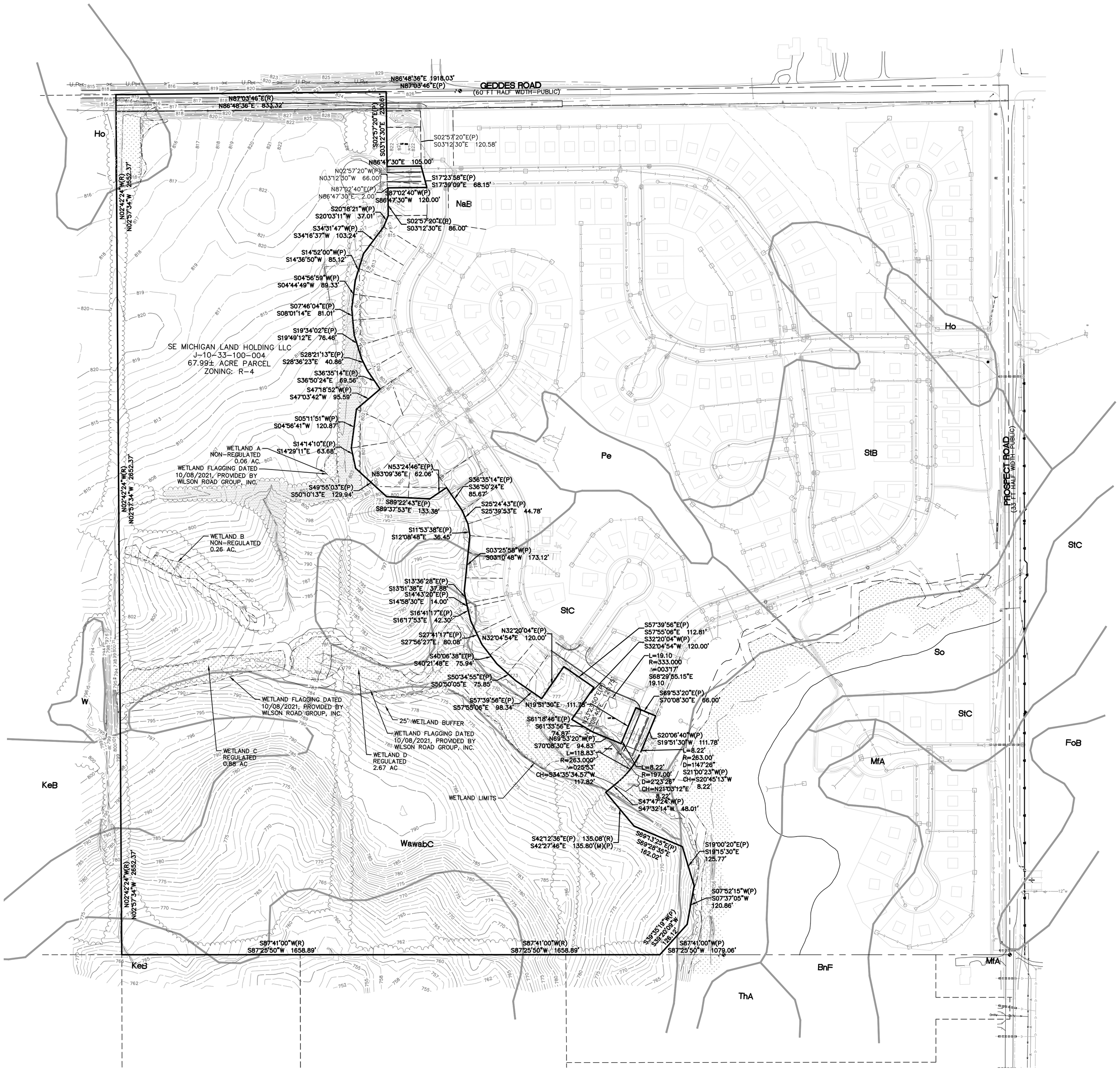

LEGEND

- BOUNDARY LINE
- EXISTING EASEMENT
- SECTION LINE
- BOUNDARY/PROPERTY LINE
- 890 EXISTING CONTOUR
- EXISTING TREE LINE
- EXISTING CURB AND GUTTER
- EXISTING FENCE
- EXISTING BUILDING
- EXISTING STRUCTURE
- EXISTING WALL
- EXISTING WATER MAIN
- EXISTING SANITARY
- EXISTING GAS
- EXISTING STORM
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXIST. CULVERT
- EXIST. CATCH BASIN/INLET
- EXIST. HYDRANT
- EXIST. VALVE
- EXIST. SANITARY SEWER
- EXIST. UNSPECIFIED UTILITY
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING SOILS LIMIT
- FoB EXISTING SOILS TYPE
- 1 EXISTING TEST PIT
- HEDGEROW TO BE REMOVED

BENCHMARKS

BM#1 ARROW ON HYDRANT SW CORNER OF LOT 1, NORTH SIDE OF ABIGAIL DR 150' WEST OF HUNTERS CREEK DR

ELEV=822.79 NAVD88

BM#2 ARROW ON HYDRANT SE CORNER OF LEAH LANE AND HUNTERS CREEK DRIVE

ELEV=798.38 NAVD88

BM#3 ARROW ON HYDRANT SW CORNER OF FRANCES WAY AND HUNTERS CREEK DRIVE

ELEV=771.22 NAVD88

TEST PIT LOCATIONS

TEST PIT ID	NORTHING (SPC MI S)	EASTING (SPC MI S)	ELEVATION (NAVD 88)
TP-1	283170.7	13327402.1	816.7
TP-2	283047.3	13327940.1	818.1
TP-3	282510.8	13327990.3	805.4
TP-4	282477.0	13327411.2	815.0
TP-5	281831.7	13327622.6	790.9
TP-6	281734.0	13328261.8	778.6
TP-7	281485.7	13328494.5	775.2
TP-8	281332.6	13328707.7	772.7
TP-9	280930.7	13329088.4	765.0
TP-10	280854.1	13328352.8	762.1
TP-11	280855.9	13328103.7	759.7
TP-12	280823.7	13327639.4	765.8

SOIL INFORMATION

BNC	BOYER LOAMY SAND, 6 TO 12 PERCENT SLOPES
BNF	BOYER LOAMY SAND, 25 TO 50 PERCENT SLOPES
FOB	FOX SANDY LOAM, TILL PLAIN, 2 TO 6 PERCENT SLOPES
HO	HOYTVILLE SILTY CLAY LOAM
KEB	KENDALLVILLE LOAM, 2 TO 6 PERCENT SLOPES
MDA	MATHERTON SANDY LOAM, 0 TO 4 PERCENT SLOPES
MFA	METAMORA SANDY LOAM, 0 TO 4 PERCENT SLOPES
NAB	NAPPANEE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES
OSB	OSHTEMO LOAMY SAND, 0 TO 6 PERCENT SLOPES
PE	PEWAMO CLAY LOAM, 0 TO 2 PERCENT SLOPES
SB	SEBEWA LOAM, DISINTEGRATION MORAINE, 0 TO 2 PERCENT SLOPES
SO	SLOAN SILT LOAM, WET
SPB	SPINKS LOAMY SAND, 0 TO 6 PERCENT SLOPES
STB	ST. CLAIR CLAY LOAM, 2 TO 6 PERCENT SLOPES
STC	ST. CLAIR CLAY LOAM, 6 TO 12 PERCENT SLOPES
THA	THETFORD LOAMY SAND, 0 TO 4 PERCENT SLOPES
W	WATER
WAWABC	WAWASEE LOAM, 6 TO 12 PERCENT SLOPES

SCHEDULE B II – EXCEPTIONS (PER TITLE COMMITMENT ISSUED BY FIRST AMERICAN TITLE INSURANCE, FILE NO.: 755321, COMMITMENT DATE SEPTEMBER 07, 2016)

6. TERMS AND CONDITIONS CONTAINED IN AGREEMENT TO ESTABLISH THE PROSPECT POINTE DRAIN DRAINAGE DISTRICT AS DISCLOSED BY INSTRUMENT RECORDED IN LIBER 4366, PAGE 973. **(COVERS SUBJECT PARCEL AND ADDITIONAL LANDS, BLANKET IN NATURE.)**

7. TERMS AND CONDITIONS CONTAINED IN SUPERIOR CHARTER TOWNSHIP DEVELOPMENT AGREEMENT AS DISCLOSED BY INSTRUMENT RECORDED IN LIBER 4320, PAGE 260; FIRST AMENDMENT TO SUPERIOR CHARTER TOWNSHIP DEVELOPMENT AGREEMENT RECORDED IN LIBER 5023, PAGE 805, ASSIGNMENT OF DEVELOPER RIGHTS RECORDED IN LIBER 5061, PAGE 898. **(L.4320, P.260 COVERS SUBJECT PARCEL AND ADDITIONAL LANDS, BLANKET IN NATURE. L.5023, P.805 COVERS PROSPECT POINTE SUBDIVISION NO. 1 AND PROSPECT POINTE SUBDIVISION NO. 2. L.5061, P.898 COVERS SUBJECT PARCEL AND ADDITIONAL LANDS, BLANKET IN NATURE.)**

8. TERMS AND CONDITIONS CONTAINED IN PLANNED COMMUNITY AGREEMENT AS DISCLOSED BY INSTRUMENT RECORDED IN LIBER 1549, PAGE 467. **(COVERS SUBJECT PARCEL AND ADDITIONAL LANDS, BLANKET IN NATURE.)**

9. TERMS AND CONDITIONS CONTAINED IN SANITARY SEWER AGREEMENT AS DISCLOSED BY INSTRUMENT RECORDED IN LIBER 1549, PAGE 462. **(COVERS SUBJECT PARCEL AND ADDITIONAL LANDS, BLANKET IN NATURE.)**

10. RIGHT OF WAY IN FAVOR OF THE MICHIGAN BELL TELEPHONE COMPANY AND THE COVENANTS, CONDITIONS AND RESTRICTIONS CONTAINED IN INSTRUMENT RECORDED IN LIBER 1330, PAGE 362 AND LIBER 1793, PAGE 509. **(L.1793, P.509 AS SHOWN. L.1330, P.362 LIES APPROX. 500' EAST OF SUBJECT PARCEL.)**

811 Know what's **below.** **Call** before you dig.

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NOTICE:
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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

OVERALL ORIGINAL CONDITIONS

DATE
MARCH 1, 2024

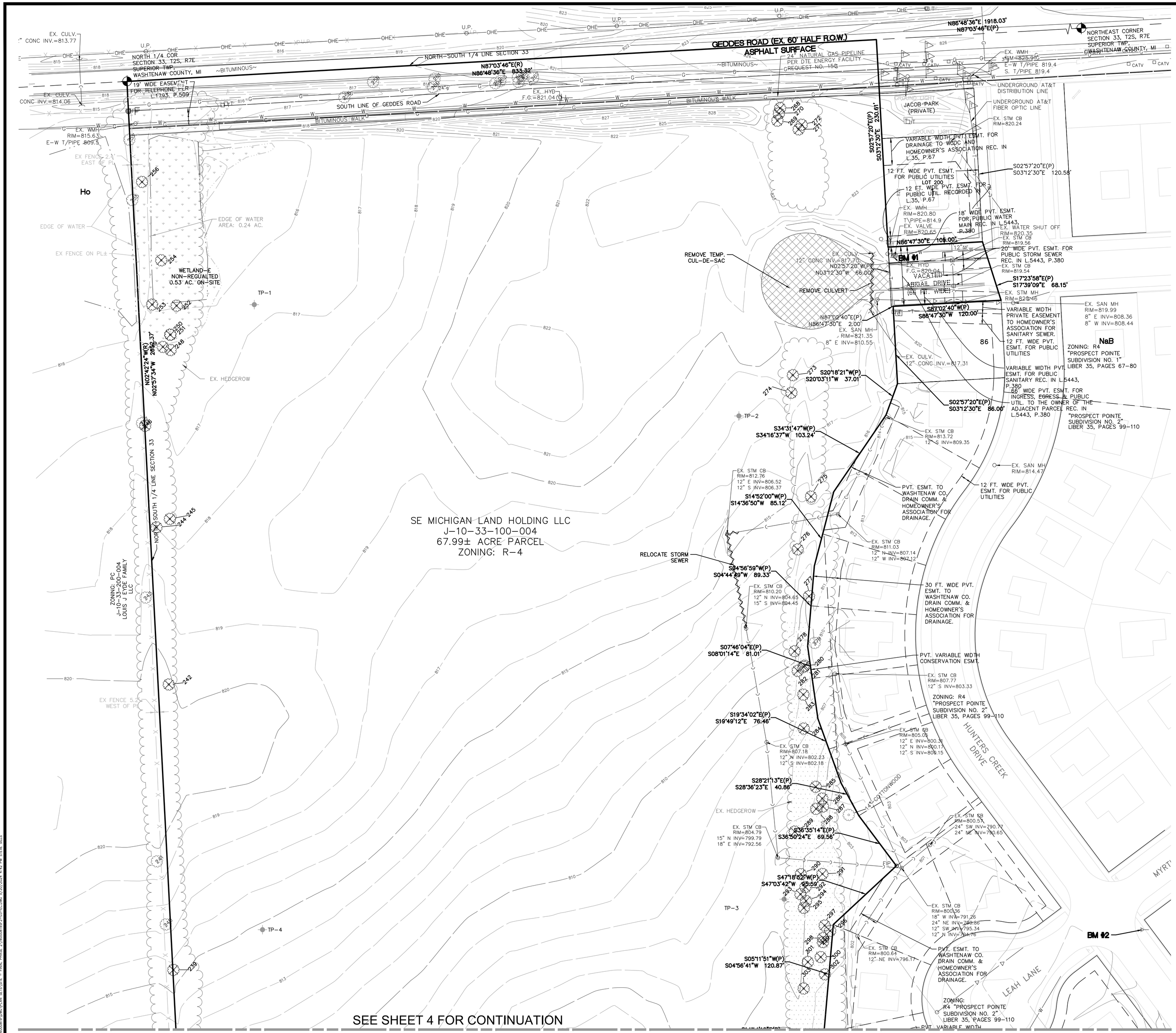
05-20-2024 PER TWP

REVISIONS

0 75 150
SCALE: 1" = 150 FEET

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 2

A:\16000819\CAD\CAD\SITE\SITE - FINAL PHASE 2\16000819FP2-02-OEC.DWG 5/20/2024 4:42 PM STEVE ELLIS



KEYMAP
SCALE: 1" = 750'

LEGEND

- BOUNDARY LINE
- EXISTING EASEMENT
- SECTION LINE
- BOUNDARY/PROPERTY LINE
- EXISTING CONTOUR
- EXISTING TREE LINE
- EXISTING CURB AND GUTTER
- EXISTING FENCE
- EXISTING BUILDING
- EXISTING STRUCTURE
- EXISTING WALL
- EXISTING WATER MAIN
- EXISTING SANITARY
- EXISTING GAS
- EXISTING STORM
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXIST. CULVERT
- EXIST. CATCH BASIN/INLET
- EXIST. HYDRANT
- EXIST. VALVE
- EXIST. SANITARY SEWER
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- EXISTING WATER EDGE
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING TREES
- EXISTING TREES TO BE REMOVED
- HEDGEROW TO BE REMOVED

BENCHMARKS

BM#1 ARROW ON HYDRANT SW CORNER OF LOT 1, NORTH SIDE OF ABIGAIL DR 150' WEST OF HUNTERS CREEK DR
ELEV=822.79 NAVD88

BM#2 ARROW ON HYDRANT SE CORNER OF LEAH LANE AND HUNTERS CREEK DRIVE
ELEV=798.38 NAVD88

BM#3 ARROW ON HYDRANT SW CORNER OF FRANCES WAY AND HUNTERS CREEK DRIVE
ELEV=771.22 NAVD88

NOTES

1) BEARINGS ARE BASED ON NAD83 MICHIGAN STATE PLANE COORDINATE SYSTEM,SOUTH ZONE, INTERNATIONAL FEET, GROUND DISTANCES. VERTICAL DATUM: NAVD88.

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3) THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED.

4) SUBJECT PROPERTY AS SHOWN AND NOTED ON SURVEY DESCRIBES THE SAME PROPERTY AS SCHEDULE C PROPERTY DESCRIPTION (PER TITLE COMMITMENT ISSUED BY FIRST AMERICAN TITLE INSURANCE,
FILE NO.: 755321, COMMITMENT DATE SEPTEMBER 07, 2016)

5) SUBJECT PROPERTY IS NOT LOCATED WITHIN A FLOODPLAIN PER FIRM MAP NUMBER 26161C0288E DATED APRIL 3, 2012.

6) PROSPECT POINTE SUBDIVISION NO. 1 PLAT WAS AMENDED TO REMOVE ABIGAIL DRIVE STUB AS PUBLIC RIGHT-OF-WAY AS RECORDED IN LIBER 35, PAGES 67-68 AS OF 12/12/22 AND PROSPECT POINT SUBDIVISION NO. 2 PLAT WAS AMENDED TO REMOVE THE FRANCES WAY STUB AS A PUBLIC RIGHT OF WAY AS RECORDED IN LIBER 5426, PAGE 892, AS OF 11/5/22, AS REQUIRED BY THE WASHTENAW COUNTY ROAD COMMISSION.

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SECTION 33
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SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN - PHASE 2

ORIGINAL CONDITIONS & DEMOLITION PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

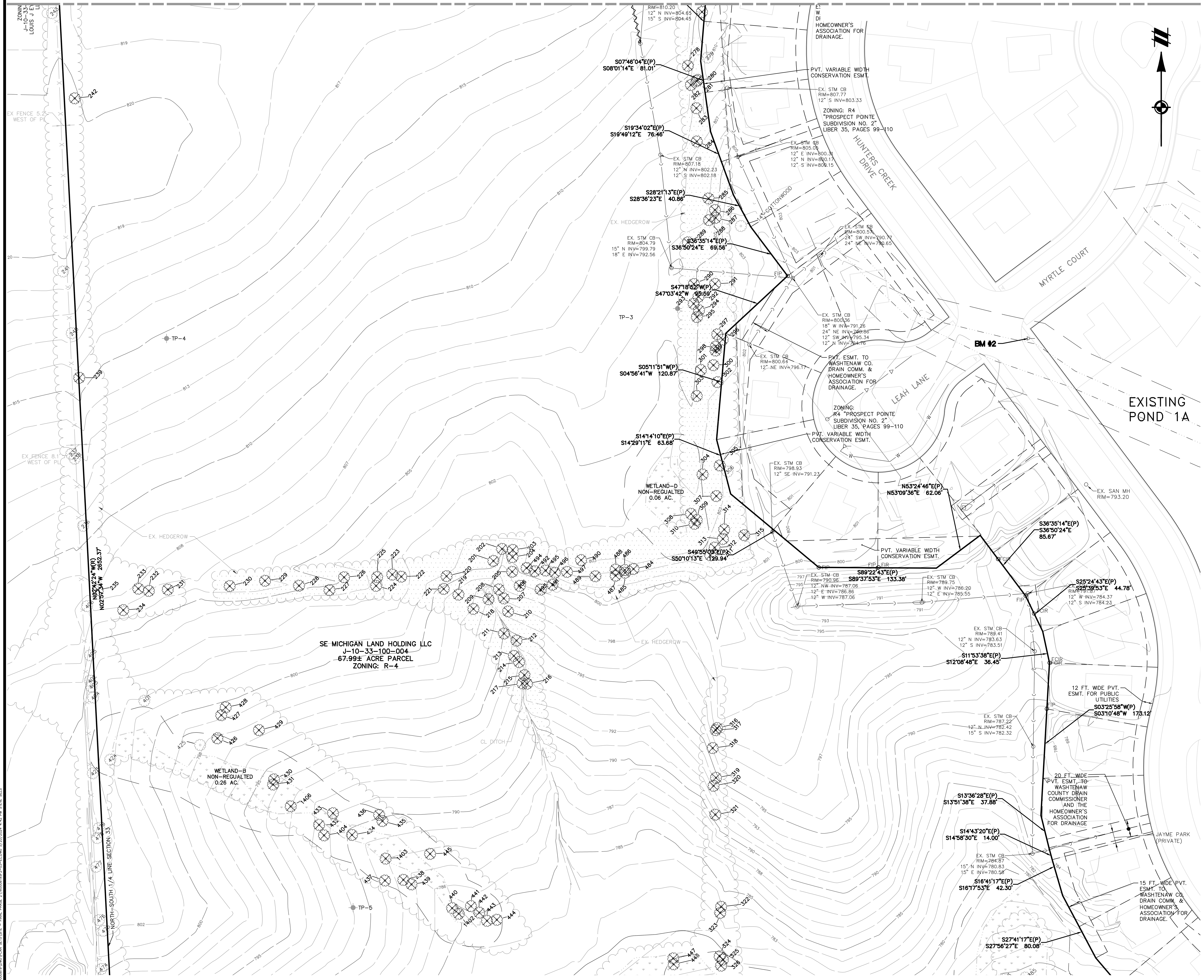
REVISIONS

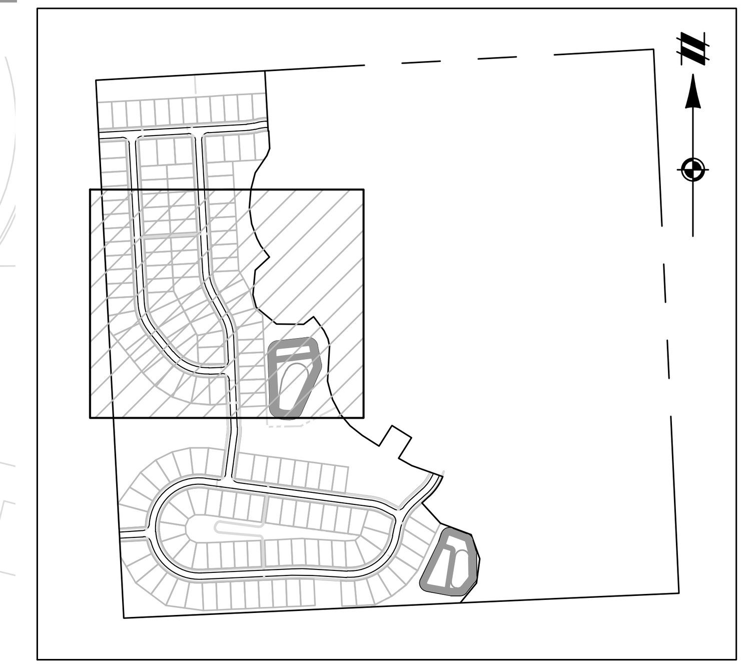
0 25 50
SCALE: 1" = 50 FEET

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	3

C:\WORKSPACE\JOBS\16000819\SITE\2-SITE\ENG\16000819SP2-SITE-ENG.DWG 5/20/2024 4:43 PM STEVE SILS

SEE SHEET 3 FOR CONTINUATION





KEYMAP
SCALE: 1" = 750'

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SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
ORIGINAL CONDITIONS & DEMOLITION PLAN

DATE
MARCH 1, 2024
05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET (0 25 50)

DR.	SK	CH.	SS
P.M.	MB		
BOOK	--		
JOB	16000819		
SHEET NO.	4		

K:\16000819\DWG\PLAN SETS\SITE - FINAL PHASE 2\16000819SF2-03-EC.DWG 5/20/2024 4:42 PM STEVE SILLS

TAG #	COMMON NAME	BOTANICAL NAME	DIAMETER (IN.)	CONDITION	LANDMARK	INVASIVE	EXEMPT	REMOVE
1	Pignut Hickory	*Carya glabra*	10	Good				
2	Black Cherry	*Prunus serotina*	21	Poor	Y		Y	
3	Red Oak	*Quercus rubra*	8.5	Good				
4	Black Walnut	*Juglans nigra*	8	Good				
5	Red Oak	*Quercus rubra*	12.5	Good				
6	Bur Oak	*Quercus macrocarpa*	20	Good	Y			
7	Pignut Hickory	*Carya glabra*	9	Fair				
8	Red Oak	*Quercus rubra*	13	Good				
9	Red Oak	*Quercus rubra*	13	Good				
10	Swamp White Oak	*Quercus bicolor*	11.5	Excellent				
11	Black Walnut	*Juglans nigra*	12	Excellent				
12	Black Walnut	*Juglans nigra*	14	Good				
13	Black Walnut	*Juglans nigra*	8.5	Good				
14	Black Cherry	*Prunus serotina*	15	Fair				
15	Box-elder	*Acer negundo*	18	Fair		Y	Y	
16	Pignut Hickory	*Carya glabra*	9	Good				
17	American Elm	*Ulmus americana*	10	Good				
18	Pignut Hickory	*Carya glabra*	12	Good				
19	Black Cherry	*Prunus serotina*	8	Fair				
20	Black Cherry	*Prunus serotina*	18	Good	Y			
21	Black Cherry	*Prunus serotina*	21	Good	Y			
22	Red Oak	*Quercus rubra*	9	Good				
23	Red Oak	*Quercus rubra*	8	Good				
24	Black Cherry	*Prunus serotina*	21	Fair	Y			
25	Apple/Crabapple	*Malus spp.*	8	Good				
26	Black Cherry	*Prunus serotina*	11	Good				
27	Black Cherry	*Prunus serotina*	18	Fair	Y			
28	Black Cherry	*Prunus serotina*	18	Good	Y			
29	Black Cherry	*Prunus serotina*	14	Good				
30	Black Walnut	*Juglans nigra*	16	Excellent				
31	Black Walnut	*Juglans nigra*	17	Good				
32	Black Walnut	*Juglans nigra*	20	Fair	Y			
33	Black Walnut	*Juglans nigra*	10	Good				
34	Black Walnut	*Juglans nigra*	19	Good	Y			
35	Red Oak	*Quercus rubra*	15	Good				
36	Red Oak	*Quercus rubra*	9	Good				
37	Red Oak	*Quercus rubra*	14	Good				
38	Red Oak	*Quercus rubra*	17	Good	Y			
39	Black Walnut	*Juglans nigra*	8.5	Good				
40	White Oak	*Quercus alba*	35	Fair	Y			
41	Black Cherry	*Prunus serotina*	8.5	Fair				
42	Black Cherry	*Prunus serotina*	16	Good				
43	Black Cherry	*Prunus serotina*	8	Good				
44	Black Cherry	*Prunus serotina*	8.5	Good				
45	Black Cherry	*Prunus serotina*	14.5	Fair				
46	White Oak	*Quercus alba*	20	Excellent	Y			
47	Black Cherry	*Prunus serotina*	17	Good				
48	American Elm	*Ulmus americana*	14.5	Good				
49	Box-elder	*Acer negundo*	14	Good		Y	Y	
50	White Oak	*Quercus alba*	42	Fair	Y			
51	Black Cherry	*Prunus serotina*	12	Good				
52	Black Cherry	*Prunus serotina*	11	Fair				
53	Black Cherry	*Prunus serotina*	17	Good				
54	Box-elder	*Acer negundo*	10.5	Good		Y	Y	
55	Black Cherry	*Prunus serotina*	18.5	Good	Y			
56	American Elm	*Ulmus americana*	13.5	Fair				
57	Black Cherry	*Prunus serotina*	24	Good	Y			
58	Black Cherry	*Prunus serotina*	12	Good				
59	Box-elder	*Acer negundo*	11.5	Fair		Y	Y	
60	Box-elder	*Acer negundo*	9.5	Fair		Y	Y	
61	American Elm	*Ulmus americana*	10	Good				
62	Black Cherry	*Prunus serotina*	11	Good				
63	Black Cherry	*Prunus serotina*	9.5	Fair				
64	Cottonwood	*Populus deltoides*	11	Good		Y	Y	
65	Cottonwood	*Populus deltoides*	19	Good		Y	Y	
66	Black Walnut	*Juglans nigra*	14	Good				
67	Bitternut Hickory	*Carya cordiformis*	8.5	Good				
68	American Elm	*Ulmus americana*	10.5	Good				
69	Black Cherry	*Prunus serotina*	9	Good				
70	Box-elder	*Acer negundo*	8	Fair		Y	Y	Y
71	Black Cherry	*Prunus serotina*	14	Fair				
72	White Mulberry	*Morus alba*	14	Good				
73	Willow species	*Salix spp.*	20	Good				
74	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
75	Cottonwood	*Populus deltoides*	33	Good	Y	Y	Y	
76	Black Walnut	*Juglans nigra*	18	Good	Y			
77	Swamp White Oak	*Quercus bicolor*	10	Good				
78	Swamp White Oak	*Quercus bicolor*	9.5	Good				
79	Basswood	*Tilia americana*	17.5	Good				
80	Black Walnut	*Juglans nigra*	17	Excellent				
81	Black Walnut	*Juglans nigra*	13.5	Excellent				
82	Swamp White Oak	*Quercus bicolor*	9	Fair				
83	Swamp White Oak	*Quercus bicolor*	9	Good				
84	Black Walnut	*Juglans nigra*	14	Excellent				
85	Box-elder	*Acer negundo*	9	Fair		Y	Y	
86	Black Walnut	*Juglans nigra*	20	Good	Y			
87	Cottonwood	*Populus deltoides*	28	Good	Y	Y	Y	Y
88	Box-elder	*Acer negundo*	13	Fair		Y	Y	Y
89	Cottonwood	*Populus deltoides*	28	Good	Y	Y	Y	Y
90	Black Walnut	*Juglans nigra*	10	Good				Y
91	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	Y
92	White Mulberry	*Morus alba*	12	Good				Y
93	Cottonwood	*Populus deltoides*	35	Good	Y	Y	Y	Y
94	American Elm	*Ulmus americana*	19	Good	Y			Y
95	Box-elder	*Acer negundo*	11	Good		Y	Y	Y
96	Black Walnut	*Juglans nigra*	9	Good				Y
97	Black Cherry	*Prunus serotina*	12.5	Good				Y
98	Box-elder	*Acer negundo*	13	Fair		Y	Y	Y
99	Box-elder	*Acer negundo*	16	Fair		Y	Y	Y
100	Pignut Hickory	*Carya glabra*	14.5	Excellent				Y
101	Willow species	*Salix spp.*	14	Good				
102	Willow species	*Salix spp.*	9.5	Good				
103	Willow species	*Salix spp.*	17.5	Good				
104	Box-elder	*Acer negundo*	8	Fair		Y	Y	
105	Box-elder	*Acer negundo*	9	Fair		Y	Y	
106	Willow species	*Salix spp.*	20	Good				
107	Willow species	*Salix spp.*	12	Fair				
108	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	
109	Red-Cedar	*Juniperus virginiana*	6.5	Good		Y	Y	
110	Box-elder	*Acer negundo*	9.5	Good		Y	Y	
111	Box-elder	*Acer negundo*	9.5	Good		Y	Y	
112	Apple/Crabapple	*Malus spp.*	9	Good				
113	Willow species	*Salix spp.*	17.5	Good				
114	Willow species	*Salix spp.*	13	Good				
115	Willow species	*Salix spp.*	11	Good				
116	Willow species	*Salix spp.*	12	Good				
117	Willow species	*Salix spp.*	17	Good				
118	Red Maple	*Acer rubrum*	8	Good				
119	Box-elder	*Acer negundo*	8	Good		Y	Y	
120	American Elm	*Ulmus americana*	17.5	Good				
121	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
122	Black Walnut	*Juglans nigra*	9.5	Good				
123	Black Cherry	*Prunus serotina*	8	Good				
124	White Oak	*Quercus alba*	11	Good				
125	Cottonwood	*Populus deltoides*	26	Good	Y	Y	Y	
126	Swamp White Oak	*Quercus bicolor*	9	Good				
127	Cottonwood	*Populus deltoides*	40	Good	Y	Y	Y	
128	American Elm	*Ulmus americana*	8.5	Good				
129	Willow species	*Salix spp.*	9.5	Good				
130	Willow species	*Salix spp.*	9	Good				
131	Willow species	*Salix spp.*	10	Good				
132	Willow species	*Salix spp.*	11.5	Good				
133	Willow species	*Salix spp.*	16.5	Good				
134	Willow species	*Salix spp.*	9	Good				
135	Willow species	*Salix spp.*	9	Good				
136	Box-elder	*Acer negundo*	10	Good		Y	Y	
137	American Elm	*Ulmus americana*	8	Poor			Y	
138	Black Cherry	*Prunus serotina*	10	Good				
139	Bitternut Hickory	*Carya cordiformis*	10.5	Good				
140	Bitternut Hickory	*Carya cordiformis*	14	Good				
141	Swamp White Oak	*Quercus bicolor*	9	Good				
142	Swamp White Oak	*Quercus bicolor*	12	Good				
143	White Mulberry	*Morus alba*	15	Fair				
144	Black Cherry	*Prunus serotina*	37	Fair	Y			
145	Apple/Crabapple	*Malus spp.*	12	Good				
146	Apple/Crabapple	*Malus spp.*	8	Good				
147	Basswood	*Tilia americana*	9.5	Good				
148	Bitternut Hickory	*Carya cordiformis*	8	Good				
149	Basswood	*Tilia americana*	16	Good				
150	Bitternut Hickory	*Carya cordiformis*	18	Excellent	Y			
151	American Elm	*Ulmus americana*	14	Excellent				
152	Basswood	*Tilia americana*	12	Good				
153	Black Walnut	*Juglans nigra*	13	Good				
154	Black Walnut	*Juglans nigra*	10.5	Good				
155	Black Walnut	*Juglans nigra*	17	Good				
156	Black Cherry	*Prunus serotina*	8	Good				
157	Bitternut Hickory	*Carya cordiformis*	8	Good				
158	Black Walnut	*Juglans nigra*	9	Good				
159	Bitternut Hickory	*Carya cordiformis*	11	Good				
160	Bitternut Hickory	*Carya cordiformis*	13	Excellent				
161	Bitternut Hickory	*Carya cordiformis*	8	Excellent				
162	American Elm	*Ulmus americana*	20	Good	Y			
163	Black Walnut	*Juglans nigra*	10	Fair				
164	Black Walnut	*Juglans nigra*	8	Good				
165	Black Walnut	*Juglans nigra*	8	Good				
166	Black Walnut	*Juglans nigra*	10	Good				
167	Swamp White Oak	*Quercus bicolor*	9	Good				
168	Black Walnut	*Juglans nigra*	15	Good				
169	Black Walnut	*Juglans nigra*	10.5	Fair				
170	Black Walnut	*Juglans nigra*	14	Excellent				
171	Box-elder	*Acer negundo*	9	Fair		Y	Y	
172	American Elm	*Ulmus americana*	8.5	Good				
173	Box-elder	*Acer negundo*	9	Good		Y	Y	
174	Black Oak	*Quercus velutina*	15	Good				
175	Black Cherry	*Prunus serotina*	10	Fair				Y
176	Box-elder	*Acer negundo*	10.5	Fair		Y	Y	Y
177	Black Cherry	*Prunus serotina*	9	Good				Y
178	Black Cherry	*Prunus serotina*	13.5	Good				Y
179	Black Cherry	*Prunus serotina*	11.5	Good				Y
180	Black Cherry	*Prunus serotina*	12	Good				Y
181	Swamp White Oak	*Quercus bicolor*	15	Good				
182	Swamp White Oak	*Quercus bicolor*	8	Good				
183	Black Cherry	*Prunus serotina*	9	Good				
184	Swamp White Oak	*Quercus bicolor*	13	Excellent				
185	Black Cherry	*Prunus serotina*	15	Fair				Y
186	Black Walnut	*Juglans nigra*	17	Good				Y
187	Black Walnut	*Juglans nigra*	21	Good	Y			Y
188	Box-elder	*Acer negundo*	15	Good		Y	Y	Y
189	Box-elder	*Acer negundo*	9	Good		Y	Y	Y
190	Box-elder	*Acer negundo*	9	Poor		Y	Y	Y
191	Black Cherry	*Prunus serotina*	11	Good				Y
192	Black Cherry	*Prunus serotina*	11	Good				Y
193	Black Cherry	*Prunus serotina*	11	Good				Y
194	Swamp White Oak	*Quercus bicolor*	8	Good				Y
195	Swamp White Oak	*Quercus bicolor*	9	Fair				Y
196	Swamp White Oak	*Quercus bicolor*	10	Good				Y
197	Black Cherry	*Prunus serotina*	8	Good				Y
198	Black Walnut	*Juglans nigra*	13	Fair				Y
199	Black Walnut	*Juglans nigra*	12.5	Good				Y
200	Bitternut Hickory	*Carya cordiformis*	8.5	Good				
201	Box-elder	*Acer negundo*	13	Poor		Y	Y	Y
202	Box-elder	*Acer negundo*	12.5	Fair		Y	Y	Y
203	Box-elder	*Acer negundo*	8	Fair		Y	Y	Y
204	Box-elder	*Acer negundo*	13	Poor		Y	Y	Y
205	Hawthorn	*Crataegus spp.*	9	Poor			Y	Y
206	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	Y
207	Box-elder	*Acer negundo*	12	Good		Y	Y	Y
208	Box-elder	*Acer negundo*	10.5	Good		Y	Y	Y
209	Box-elder	*Acer negundo*	11.5	Fair		Y	Y	Y
210	Cottonwood	*Populus deltoides*	18	Good		Y	Y	Y
211	Box-elder	*Acer negundo*	8	Good		Y	Y	Y
212	Box-elder	*Acer negundo*	8	Good		Y	Y	Y
213	Box-elder	*Acer negundo*	9	Good		Y	Y	Y
214	Box-elder	*Acer negundo*	11.5	Good		Y	Y	Y
215	Box-elder	*Acer negundo*	9.5	Fair		Y	Y	Y
216	Box-elder	*Acer negundo*	12	Good		Y	Y	Y
217	Box-elder	*Acer negundo*	9	Good		Y		Y
218	Hawthorn	*Crataegus spp.*	8	Fair				Y
219	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	Y
220	Black Cherry	*Prunus serotina*	10.5	Poor			Y	Y
221	Box-elder	*Acer negundo*	8	Good		Y	Y	Y
222	Black Cherry	*Prunus serotina*	8	Good				Y
223	Black Cherry	*Prunus serotina*	8	Good				Y
224	Common Buckthorn	*Rhamnus cathartica*	9.5	Fair		Y	Y	Y
225	Apple/Crabapple	*Malus spp.*	9.5	Fair				Y
226	Apple/Crabapple	*Malus spp.*	8	Good				Y
227	Apple/Crabapple	*Malus spp.*	17	Fair				Y
228	Common Buckthorn	*Rhamnus cathartica*	8	Fair		Y	Y	Y
229	Black Cherry	*Prunus serotina*	8.5	Fair				Y
230	Black Cherry	*Prunus serotina*	13	Fair				Y
231	Black Cherry	*Prunus serotina*	13.5	Poor			Y	Y
232	Black Cherry	*Prunus serotina*	10.5	Fair				Y
233	Black Cherry	*Prunus serotina*	14	Good				Y
234	White Mulberry	*Morus alba*	9.5	Good				Y
235	Black Cherry	*Prunus serotina*	15	Fair				Y
236	Apple/Crabapple	*Malus spp.*	14	Fair				
237	Apple/Crabapple	*Malus spp.*	10.5	Poor			Y	
238	Black Cherry	*Prunus serotina*	16	Poor			Y	
239	Box-elder	*Acer negundo*	17	Poor		Y	Y	Y
240	Black Cherry	*Prunus serotina*	15.5	Fair				
241	Black Cherry	*Prunus serotina*	11	Poor			Y	
242	American Elm	*Ulmus americana*	13	Good				Y
243	American Elm	*Ulmus americana*	12	Good				
244	Box-elder	*Acer negundo*	8.5	Good		Y	Y	Y
245	Box-elder	*Acer negundo*	8.5	Good		Y	Y	Y
246	Apple/Crabapple	*Malus spp.*	17	Fair				Y
247	Black Cherry	*Prunus serotina*	8.5	Fair				
248	Willow species	*Salix spp.*	11	Fair				Y
249	Willow species	*Salix spp.*	9	Fair				Y
250	Willow species	*Salix spp.*	13	Good				Y
251	Willow species	*Salix spp.*	11	Good				Y
252	Red Maple	*Acer rubrum*	11	Good				Y
253	Willow species	*Salix spp.*	11	Fair				Y
254	Red Maple	*Acer rubrum*	11.5	Good				Y
255	Cottonwood	*Populus deltoides*	28	Fair	Y	Y	Y	
256	Willow species	*Salix spp.*	21	Fair				Y
257	Apple/Crabapple	*Malus spp.*	8.5	Good				
258	Apple/Crabapple	*Malus spp.*	12.5	Good				
259	Siberian Elm	*Ulmus pumila*	19	Fair				
260	Common Buckthorn	*Rhamnus cathartica*	9	Poor		Y	Y	
261	Siberian Elm	*Ulmus pumila*	17.5	Fair				
262	American Elm	*Ulmus americana*	8	Good				
263	American Elm	*Ulmus americana*	10	Good				
264	American Elm	*Ulmus americana*	8.5	Fair				
265	American Elm	*Ulmus americana*	9.5	Fair				
266	American Elm	*Ulmus americana*	11.5	Fair				
267	Apple/Crabapple	*Malus spp.*	9.5	Fair				
268	American Elm	*Ulmus americana*	8	Fair				Y
269	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	Y
270	Apple/Crabapple	*Malus spp.*	10.5	Good				Y
271	Common Buckthorn	*Rhamnus cathartica*	10.5	Fair		Y	Y	Y
272	American Elm	*Ulmus americana*	13.5	Fair				Y
273	Hawthorn	*Crataegus spp.*	8	Good				Y
274	Apple/Crabapple	*Malus spp.*	10.5	Good				Y
275	Hawthorn	*Crataegus spp.*	10.5	Good				y
276	Hawthorn	*Crataegus spp.*	12.5	Fair				Y
277	Apple/Crabapple	*Malus spp.*	12.5	Fair				Y
278	Hawthorn	*Crataegus spp.*	10.5	Poor			Y	Y
279	Black Cherry	*Prunus serotina*	8.5	Fair				
280	Hawthorn	*Crataegus spp.*	8	Good				Y
281	Hawthorn	*Crataegus spp.*	9	Good				Y
282	Black Cherry	*Prunus serotina*	10.5	Fair				Y
283	Black Walnut	*Juglans nigra*	8	Excellent				Y
284	Box-elder	*Acer negundo*	10.5	Fair		Y	Y	Y
285	Hawthorn	*Crataegus spp.*	12	Good				Y
286	Box-elder	*Acer negundo*	11	Fair		Y	Y	Y
287	Box-elder	*Acer negundo*	12	Fair		Y	Y	Y
288	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	Y
289	Apple/Crabapple	*Malus spp.*	12.5	Fair				Y
290	Hawthorn	*Crataegus spp.*	10	Fair				Y
291	Hawthorn	*Crataegus spp.*	11	Fair				Y
292	Hawthorn	*Crataegus spp.*	12.5	Fair				Y
293	Black Cherry	*Prunus serotina*	9.5	Good				Y
294	Apple/Crabapple	*Malus spp.*	8	Fair				Y
295	Apple/Crabapple	*Malus spp.*	10	Fair				Y
296	Apple/Crabapple	*Malus spp.*	8.5	Good				Y
297	Apple/Crabapple	*Malus spp.*	8.5	Good				Y
298	Black Cherry	*Prunus serotina*	8	Fair				Y
299	Hackberry	*Celtis occidentalis*	14.5	Good				
300	American Elm	*Ulmus americana*	12	Fair				
301	Apple/Crabapple	*Malus spp.*	11.5	Good				
302	Hawthorn	*Crataegus spp.*	8	Poor			Y	
303	Hawthorn	*Crataegus spp.*	10.5	Fair				Y
304	American Elm	*Ulmus americana*	8	Fair				Y
305	American Elm	*Ulmus americana*	9.5	Fair				Y
306	American Elm	*Ulmus americana*	8.5	Good				
307	Hawthorn	*Crataegus spp.*	10.5	Good				Y
308	American Elm	*Ulmus americana*	9	Good				Y
309	Box-elder	*Acer negundo*	12.5	Fair		Y	Y	Y
310	Common Buckthorn	*Rhamnus cathartica*	9	Fair		Y	Y	Y
311	Apple/Crabapple	*Malus spp.*	8.5	Good				Y
312	American Elm	*Ulmus americana*	9	Good				Y
313	Hawthorn	*Crataegus spp.*	8	Fair				Y
314	Hawthorn	*Crataegus spp.*	8	Fair				Y
315	American Elm	*Ulmus americana*	10	Good				Y
316	Red-Cedar	*Juniperus virginiana*	8	Good		Y	Y	Y
317	Black Cherry	*Prunus serotina*	11	Fair				Y
318	Black Cherry	*Prunus serotina*	8.5	Fair				Y
319	Black Cherry	*Prunus serotina*	15	Fair				Y
320	Hawthorn	*Crataegus spp.*	8	Fair				Y
321	Black Cherry	*Prunus serotina*	8.5	Fair				Y
322	Black Walnut	*Juglans nigra*	14.5	Fair				Y
323	American Elm	*Ulmus americana*	20	Poor	Y		Y	Y
324	Black Walnut	*Juglans nigra*	14	Good				Y
325	Black Walnut	*Juglans nigra*	19	Poor	Y		Y	Y
326	Black Walnut	*Juglans nigra*	8.5	Good				Y
327	Willow species	*Salix spp.*	10	Good				
328	Black Walnut	*Juglans nigra*	29	Excellent	Y			
329	Black Walnut	*Juglans nigra*	14	Good				
330	Black Walnut	*Juglans nigra*	19	Fair	Y			
331	Hackberry	*Celtis occidentalis*	8	Good				
332	Hackberry	*Celtis occidentalis*	9	Good				
333	Black Walnut	*Juglans nigra*	17.5	Good				
334	Black Walnut	*Juglans nigra*	14	Fair				
335	Black Walnut	*Juglans nigra*	27	Fair	Y			
336	Black Walnut	*Juglans nigra*	10.5	Good				
337	Black Walnut	*Juglans nigra*	16.5	Good				
338	Black Walnut	*Juglans nigra*	12	Good				
339	Black Cherry	*Prunus serotina*	14.5	Fair				
340	Black Walnut	*Juglans nigra*	10	Good				
341	Black Walnut	*Juglans nigra*	11.5	Good				
342	Cottonwood	*Populus deltoides*	8	Good		Y	Y	
343	Cottonwood	*Populus deltoides*	20	Good		Y	Y	
344	Cottonwood	*Populus deltoides*	10.5	Good		Y	Y	
345	Cottonwood	*Populus deltoides*	13	Good		Y	Y	
346	Cottonwood	*Populus deltoides*	12	Fair		Y	Y	
347	Willow species	*Salix spp.*	8	Good				
348	Cottonwood	*Populus deltoides*	14.5	Good		Y	Y	
349	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
350	Cottonwood	*Populus deltoides*	9	Good		Y	Y	
351	Cottonwood	*Populus deltoides*	9	Good		Y	Y	
352	Cottonwood	*Populus deltoides*	9	Good		Y	Y	
353	Cottonwood	*Populus deltoides*	10	Good		Y	Y	
354	Cottonwood	*Populus deltoides*	22	Good		Y	Y	
355	Willow species	*Salix spp.*	15.5	Good				
356	Willow species	*Salix spp.*	8.5	Good				
357	Willow species	*Salix spp.*	10.5	Fair				
358	Cottonwood	*Populus deltoides*	12	Good		Y	Y	
359	Willow species	*Salix spp.*	8	Good				
360	Willow species	*Salix spp.*	10	Good				
361	Black Walnut	*Juglans nigra*	9.5	Good				
362	Cottonwood	*Populus deltoides*	14.5	Good		Y	Y	
363	Cottonwood	*Populus deltoides*	15	Good		Y	Y	
364	Cottonwood	*Populus deltoides*	17	Good		Y	Y	
365	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
366	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
367	Cottonwood	*Populus deltoides*	13.5	Good		Y	Y	
368	Willow species	*Salix spp.*	11.5	Good				
369	Cottonwood	*Populus deltoides*	9	Good		Y	Y	
370	American Elm	*Ulmus americana*	13	Good				
371	Cottonwood	*Populus deltoides*	10.5	Good		Y	Y	
372	Cottonwood	*Populus deltoides*	18.5	Good		Y	Y	
373	Cottonwood	*Populus deltoides*	12	Good		Y	Y	
374	Cottonwood	*Populus deltoides*	18	Good		Y	Y	
375	Cottonwood	*Populus deltoides*	12	Good		Y	Y	
376	Willow species	*Salix spp.*	12	Good				
377	Cottonwood	*Populus deltoides*	14.5	Good		Y	Y	
378	Cottonwood	*Populus deltoides*	9	Good		Y	Y	
379	Cottonwood	*Populus deltoides*	10	Good		Y	Y	
380	Willow species	*Salix spp.*	18.5	Fair				
381	Cottonwood	*Populus deltoides*	8	Good		Y	Y	
382	Willow species	*Salix spp.*	13.5	Good				
383	Cottonwood	*Populus deltoides*	11.5	Good		Y	Y	
384	Cottonwood	*Populus deltoides*	10	Good		Y	Y	
385	Willow species	*Salix spp.*	11	Fair				
386	Cottonwood	*Populus deltoides*	9.5	Good		Y	Y	
387	Cottonwood	*Populus deltoides*	9	Good		Y	Y	
388	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
389	Cottonwood	*Populus deltoides*	10.5	Good		Y	Y	
391	Cottonwood	*Populus deltoides*	10	Fair		Y	Y	
392	Cottonwood	*Populus deltoides*	16.5	Excellent		Y	Y	
393	Willow species	*Salix spp.*	25	Fair	Y			
394	American Elm	*Ulmus americana*	8.5	Fair				
395	Cottonwood	*Populus deltoides*	18	Good		Y	Y	
401	White Mulberry	*Morus alba*	12.5	Good				
402	Black Cherry	*Prunus serotina*	11	Poor			Y	
403	Common Apple	*Malus pumila*	9	Poor			Y	
404	Apple/Crabapple	*Malus spp.*	13	Poor			Y	
405	Sweet Cherry	*Prunus avium*	13	Excellent	Y			
406	Hackberry	*Celtis occidentalis*	18	Excellent				
407	Black Cherry	*Prunus serotina*	8	Good				
408	Box-elder	*Acer negundo*	8	Good		Y	Y	
409	American Elm	*Ulmus americana*	11	Excellent				
410	Apple/Crabapple	*Malus spp.*	8.5	Good				
411	Apple/Crabapple	*Malus spp.*	8	Good				
412	Apple/Crabapple	*Malus spp.*	22	Good				
413	Apple/Crabapple	*Malus spp.*	8.5	Good				
414	Apple/Crabapple	*Malus spp.*	12.5	Excellent				
415	Black Cherry	*Prunus serotina*	12.5	Fair				
415	Black Cherry	*Prunus serotina*	12.5	Fair				
416	Black Cherry	*Prunus serotina*	12.5	Poor			Y	
417	Black Cherry	*Prunus serotina*	9	Fair				
418	Peachleaf Willow	*Salix amygdaloides*	11	Good				
419	Black Cherry	*Prunus serotina*	20.5	Fair	Y			
420	Black Cherry	*Prunus serotina*	13	Good				
421	Black Cherry	*Prunus serotina*	8	Fair				
422	Black Cherry	*Prunus serotina*	8.5	Fair				
423	Common Buckthorn	*Rhamnus cathartica*	14	Fair		Y	Y	
424	Siberian Elm	*Ulmus pumila*	11.5	Good				
425	Common Pear	*Pyrus communis*	15.5	Fair				
426	Cottonwood	*Populus deltoides*	37	Fair	Y	Y	Y	Y
427	Cottonwood	*Populus deltoides*	54.5	Good	Y	Y	Y	Y
428	Box-elder	*Acer negundo*	9	Good		Y	Y	Y
429	Common Apple	*Malus pumila*	13	Good				Y
430	Apple/Crabapple	*Malus spp.*	9	Good				Y
431	Peachleaf Willow	*Salix amygdaloides*	16.5	Excellent				Y
432	Box-elder	*Acer negundo*	9.5	Fair		Y	Y	Y
433	Cottonwood	*Populus deltoides*	26	Good	Y	Y	Y	Y
434	American Elm	*Ulmus americana*	17	Good				Y
435	Black Walnut	*Juglans nigra*	9	Excellent				Y
436	Black Walnut	*Juglans nigra*	8.5	Good				Y
437	Box-elder	*Acer negundo*	13.5	Good		Y	Y	Y
438	American Elm	*Ulmus americana*	9.5	Good				Y
439	Black Walnut	*Juglans nigra*	9	Excellent				Y
440	Common Buckthorn	*Rhamnus cathartica*	16	Fair		Y	Y	Y
441	Common Buckthorn	*Rhamnus cathartica*	19	Fair		Y	Y	Y
442	Apple/Crabapple	*Malus spp.*	8.5	Good				Y
443	Hackberry	*Celtis occidentalis*	21	Good				Y
444	White Mulberry	*Morus alba*	16.5	Fair				Y
445	Black Walnut	*Juglans nigra*	8.5	Excellent				Y
446	Crack Willow	*Salix fragilis*	9.5	Good				Y
447	Crack Willow	*Salix fragilis*	11.5	good				Y
448	Crack Willow	*Salix fragilis*	14.5	Good				Y
449	Peachleaf Willow	*Salix amygdaloides*	11.5	Good				
450	Peachleaf Willow	*Salix amygdaloides*	11	Good				
451	Peachleaf Willow	*Salix amygdaloides*	9	Excellent				
452	Peachleaf Willow	*Salix amygdaloides*	10	Good				
453	Peachleaf Willow	*Salix amygdaloides*	8	Good				
454	Peachleaf Willow	*Salix amygdaloides*	8	Good				
455	Peachleaf Willow	*Salix amygdaloides*	11	Excellent				
456	Peachleaf Willow	*Salix amygdaloides*	9	Good				
457	Peachleaf Willow	*Salix amygdaloides*	9.5	Good				
458	Peachleaf Willow	*Salix amygdaloides*	10.5	Excellent				
459	Peachleaf Willow	*Salix amygdaloides*	9	Good				
460	Peachleaf Willow	*Salix amygdaloides*	11.2	Good				
461	Peachleaf Willow	*Salix amygdaloides*	11	Good				
462	Peachleaf Willow	*Salix amygdaloides*	10	Good				
463	Peachleaf Willow	*Salix amygdaloides*	8.5	Good				
464	Peachleaf Willow	*Salix amygdaloides*	9	Fair				
465	Peachleaf Willow	*Salix amygdaloides*	12	Good				
466	Peachleaf Willow	*Salix amygdaloides*	11	Good				
467	Peachleaf Willow	*Salix amygdaloides*	12	Good				
468	Box-elder	*Acer negundo*	11	Good		Y	Y	
469	Cottonwood	*Populus deltoides*	15.5	Excellent		Y	Y	
470	Box-elder	*Acer negundo*	8	Fair		Y	Y	
471	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	
472	Siberian Elm	*Ulmus pumila*	8	Fair				
473	Black Cherry	*Prunus serotina*	9	Fair				
474	Common Apple	*Malus pumila*	10	Good				
475	Common Pear	*Pyrus communis*	8	Good				
476	Common Pear	*Pyrus communis*	17.5	Good				
477	Black Cherry	*Prunus serotina*	8.5	Poor			Y	
478	Common Pear	*Pyrus communis*	8.5	Good				
479	Common Pear	*Pyrus communis*	12.5	Good				
481	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	
484	American Elm	*Ulmus americana*	12	Good				Y
485	American Elm	*Ulmus americana*	9	Good				Y
486	American Elm	*Ulmus americana*	11.5	Good				Y
487	American Elm	*Ulmus americana*	15	Good				Y
488	American Elm	*Ulmus americana*	14.5	Good				Y
489	Apple/Crabapple	*Malus spp.*	14	Excellent				Y
490	Box-elder	*Acer negundo*	9	Fair		Y	Y	Y
491	Apple/Crabapple	*Malus spp.*	8	Fair				Y
492	Apple/Crabapple	*Malus spp.*	8.5	Good				Y
493	Apple/Crabapple	*Malus spp.*	9.5	Good				Y
494	Apple/Crabapple	*Malus spp.*	11.5	Poor			Y	Y
495	Black Cherry	*Prunus serotina*	9	Fair				Y
496	Hawthorn	*Crataegus spp.*	11	Poor			Y	Y
497	Black Cherry	*Prunus serotina*	13	Poor			Y	Y
1402	Cottonwood	*Populus deltoides*	25.5	Excellent	Y	Y	Y	Y
1403	Peachleaf Willow	*Salix amygdaloides*	23	Good				Y
1404	Cottonwood	*Populus deltoides*	27.5	Good	Y	Y	Y	Y
1406	Cottonwood	*Populus deltoides*	50	Good	Y	Y	Y	Y
1435	Black Walnut	*Juglans nigra*	16.5	Good				
1436	Black Walnut	*Juglans nigra*	19	Good	Y			
1437	Black Walnut	*Juglans nigra*	22	Excellent	Y			
1439	Black Walnut	*Juglans nigra*	25	Excellent	Y			
1442	Black Walnut	*Juglans nigra*	19	Good	Y			
1451	Black Walnut	*Juglans nigra*	8.5	Good				
1452	Black Walnut	*Juglans nigra*	23.5	Excellent	Y			
1467	Black Walnut	*Juglans nigra*	12	Excellent				
1470	Cottonwood	*Populus deltoides*	24	Excellent	Y	Y	Y	
1496	Black Walnut	*Juglans nigra*	19.5	Good	Y			
1602	Black Walnut	*Juglans nigra*	20	Good	Y			
1623	Black Walnut	*Juglans nigra*	16.5	Excellent				
1633	Black Walnut	*Juglans nigra*	22	Good	Y			
1638	Black Walnut	*Juglans nigra*	9.5	Good				
1642	Cottonwood	*Populus deltoides*	14	Good		Y	Y	
1643	Cottonwood	*Populus deltoides*	13.5	Excellent		Y	Y	
1646	Black Walnut	*Juglans nigra*	14	Excellent				
1647	Black Walnut	*Juglans nigra*	10	Good				
1648	Black Walnut	*Juglans nigra*	22.5	Good	Y			
1651	Black Walnut	*Juglans nigra*	16	Excellent				
1652	Black Walnut	*Juglans nigra*	16	Excellent				
1653	Box-elder	*Acer negundo*	15	Dead		Y	Y	
1655	Cottonwood	*Populus deltoides*	13	Excellent		Y	Y	
1657	Peachleaf Willow	*Salix amygdaloides*	23	Fair				
1659	Cottonwood	*Populus deltoides*	45	Good	Y	Y	Y	
1703	Black Walnut	*Juglans nigra*	13.5	Good				
1705	Black Walnut	*Juglans nigra*	14.5	Excellent				

811 Know what's below. **Call** before you dig.

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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
TREE LIST

DATE MARCH 1, 2024
05-20-2024 PER TWP

REVISIONS
NA NA NA
N/A

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 5

K:\16000819\DWG\PLAN SETS\SITE – FINAL PHASE 2\16000819SF2-04-TL.DWG 5/21/2024 8:09 AM STEVE SILLS

TAG #	COMMON NAME	BOTANICAL NAME	DIAMETER (IN.)	CONDITION	LANDMARK	INVASIVE	EXEMPT	REMOVE
1708	Black Walnut	*Juglans nigra*	15	Good				
1726	Black Walnut	*Juglans nigra*	22	Good	Y			
1737	Black Walnut	*Juglans nigra*	19	Fair	Y			
1901	White Ash	*Fraxinus americana*	8.5	Good				
1908	Red Oak	*Quercus rubra*	19.5	Good	Y			
1909	Black Walnut	*Juglans nigra*	10	Good				
1910	Black Walnut	*Juglans nigra*	13	Good				
1911	Black Walnut	*Juglans nigra*	14	Excellent				
1912	Black Walnut	*Juglans nigra*	13	Good				
1913	American Elm	*Ulmus americana*	15	Good				
1914	Box-elder	*Acer negundo*	12	Good		Y	Y	
1915	American Elm	*Ulmus americana*	9	Good				
1916	Black Walnut	*Juglans nigra*	9	Good				
1917	Black Walnut	*Juglans nigra*	12	Good				
1918	Black Walnut	*Juglans nigra*	15	Good				
1919	Black Walnut	*Juglans nigra*	12	Good				
1920	American Elm	*Ulmus americana*	8	Good				
1921	Bitternut Hickory	*Carya cordiformis*	11	Excellent				
1923	Black Walnut	*Juglans nigra*	10.5	Fair				
1924	Black Walnut	*Juglans nigra*	9.5	Excellent				
1925	Black Walnut	*Juglans nigra*	16	Good				
1926	Box-elder	*Acer negundo*	13.5	Poor		Y	Y	
1927	Black Walnut	*Juglans nigra*	16	Good				
1928	Box-elder	*Acer negundo*	9	Fair		Y	Y	
1929	Box-elder	*Acer negundo*	11	Fair		Y	Y	
1930	Peachleaf Willow	*Salix amygdaloides*	20	Good				
1931	Box-elder	*Acer negundo*	10	Poor		Y	Y	
1932	Black Walnut	*Juglans nigra*	20	Excellent	Y			
1933	Black Walnut	*Juglans nigra*	20.5	Good	Y			
1934	Box-elder	*Acer negundo*	10	Dead		Y	Y	
1936	Box-elder	*Acer negundo*	8	Poor		Y	Y	
1937	Black Walnut	*Juglans nigra*	8.5	Good				
1938	Common Buckthorn	*Rhamnus cathartica*	11	Fair		Y	Y	
1939	American Elm	*Ulmus americana*	12	Good				
1940	Black Walnut	*Juglans nigra*	10	Good				
1941	Box-elder	*Acer negundo*	10	Dead		Y	Y	
1942	Black Walnut	*Juglans nigra*	8	Good				
1943	Black Walnut	*Juglans nigra*	16	Good				
1944	Bitternut Hickory	*Carya cordiformis*	11.5	Excellent				
1945	Red Oak	*Quercus rubra*	11	Good				
1946	Black Cherry	*Prunus serotina*	14	Poor			Y	
1947	American Elm	*Ulmus americana*	9	Fair				
1948	Black Walnut	*Juglans nigra*	12	Good				
1949	Black Walnut	*Juglans nigra*	12	Poor			Y	
1950	Box-elder	*Acer negundo*	8	Fair		Y	Y	
1951	Box-elder	*Acer negundo*	14	Good		Y	Y	
1952	Box-elder	*Acer negundo*	13	Good		Y	Y	
1953	Black Walnut	*Juglans nigra*	11	Fair				
1954	Black Walnut	*Juglans nigra*	21	Good	Y			
1955	Box-elder	*Acer negundo*	10.5	Fair		Y	Y	
1956	Box-elder	*Acer negundo*	10	Fair		Y	Y	
1957	Box-elder	*Acer negundo*	11	Good		Y	Y	
1958	Black Walnut	*Juglans nigra*	11	Fair				
1959	Box-elder	*Acer negundo*	14	Fair		Y	Y	
1960	Box-elder	*Acer negundo*	9.5	Fair		Y	Y	
1961	Box-elder	*Acer negundo*	11.5	Fair		Y	Y	
1962	Black Walnut	*Juglans nigra*	11	Excellent				
1963	Cottonwood	*Populus deltoides*	12.5	Excellent		Y	Y	
1964	Cottonwood	*Populus deltoides*	11.5	Good		Y	Y	
1965	Cottonwood	*Populus deltoides*	14	Excellent		Y	Y	
1966	Cottonwood	*Populus deltoides*	12.5	Good		Y	Y	
1967	Cottonwood	*Populus deltoides*	10.5	Good		Y	Y	
1968	Black Walnut	*Juglans nigra*	12.5	Excellent				
1969	Black Walnut	*Juglans nigra*	8	Good				
1970	Box-elder	*Acer negundo*	9	Good		Y	Y	
1971	Box-elder	*Acer negundo*	8	Poor		Y	Y	
1972	Box-elder	*Acer negundo*	15	Fair		Y	Y	
1973	Black Walnut	*Juglans nigra*	9	Good				
1974	Black Walnut	*Juglans nigra*	17.5	Good				
1975	Black Walnut	*Juglans nigra*	9	Good				
1976	Box-elder	*Acer negundo*	9.5	Fair		Y	Y	
1977	Box-elder	*Acer negundo*	14	Good		Y	Y	
1978	Box-elder	*Acer negundo*	8	Good		Y	Y	
1979	Box-elder	*Acer negundo*	11	Good		Y	Y	
1980	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	
1981	Box-elder	*Acer negundo*	8	Dead		Y	Y	
1982	Box-elder	*Acer negundo*	8	Fair		Y	Y	
4001	Red Oak	*Quercus rubra*	11.3	Good				
4002	Red Oak	*Quercus rubra*	18.2	Good	Y			
4003	Box-elder	*Acer negundo*	9.5	Poor		Y	Y	
4004	Box-elder	*Acer negundo*	8	Poor		Y	Y	
4005	Box-elder	*Acer negundo*	8.5	Poor		Y	Y	
4006	Box-elder	*Acer negundo*	8	Fair		Y	Y	
4007	Box-elder	*Acer negundo*	9	Fair		Y	Y	
4008	Box-elder	*Acer negundo*	11	Fair		Y	Y	
4009	American Elm	*Ulmus americana*	11	Good				
4010	American Elm	*Ulmus americana*	9.5	Excellent				
4011	Box-elder	*Acer negundo*	12	Fair		Y	Y	
4012	Box-elder	*Acer negundo*	12	Poor		Y	Y	
4013	Box-elder	*Acer negundo*	14.5	Fair		Y	Y	
4014	Box-elder	*Acer negundo*	19.5	Good		Y	Y	
4015	Box-elder	*Acer negundo*	10	Fair		Y	Y	
4016	Box-elder	*Acer negundo*	15	Good		Y	Y	
4017	Box-elder	*Acer negundo*	8	Good		Y	Y	
4018	Box-elder	*Acer negundo*	10.5	Poor		Y	Y	
4019	Box-elder	*Acer negundo*	10	Fair		Y	Y	
4020	Box-elder	*Acer negundo*	15	Fair		Y	Y	
4021	Box-elder	*Acer negundo*	11.5	Fair		Y	Y	
4022	Box-elder	*Acer negundo*	21	Good		Y	Y	
4023	Box-elder	*Acer negundo*	9	Fair		Y	Y	
4024	Box-elder	*Acer negundo*	12.5	Fair		Y	Y	
4025	Black Walnut	*Juglans nigra*	22	Excellent	Y			
4026	Box-elder	*Acer negundo*	20	Good		Y	Y	
4027	Hackberry	*Celtis occidentalis*	10	Fair				
4029	American Elm	*Ulmus americana*	14.5	Good				
4030	Black Walnut	*Juglans nigra*	8	Good				
4031	Black Walnut	*Juglans nigra*	8.5	Excellent				
4032	Black Walnut	*Juglans nigra*	15	Good				
4033	Black Walnut	*Juglans nigra*	14	Good				
4034	Black Walnut	*Juglans nigra*	12.5	Good				
4035	Black Walnut	*Juglans nigra*	10	Good				
4036	Box-elder	*Acer negundo*	8.5	Fair		Y	Y	
4037	Box-elder	*Acer negundo*	10	Fair		Y	Y	
4038	Box-elder	*Acer negundo*	8	Fair		Y	Y	
4039	Black Walnut	*Juglans nigra*	9.5	Good				
4040	Black Walnut	*Juglans nigra*	8	Excellent				
4041	Black Walnut	*Juglans nigra*	13	Good				
4042	Cottonwood	*Populus deltoides*	43	Good	Y	Y	Y	
4043	Black Walnut	*Juglans nigra*	10.5	Excellent				
4044	Black Walnut	*Juglans nigra*	9.5	Good				
4045	Pussy Willow	*Salix discolor*	8	Good				
4046	Hackberry	*Celtis occidentalis*	10	Excellent				
4047	Black Walnut	*Juglans nigra*	10	Excellent				
4048	Black Walnut	*Juglans nigra*	13	Excellent				
4049	Black Walnut	*Juglans nigra*	10.5	Good				
4050	Black Walnut	*Juglans nigra*	18	Good	Y			
4051	Black Walnut	*Juglans nigra*	18	Good	Y			
4052	Black Walnut	*Juglans nigra*	23	Good	Y			
4053	Black Walnut	*Juglans nigra*	8.5	Fair				
4054	Black Walnut	*Juglans nigra*	13	Good				

TAG #	COMMON NAME	BOTANICAL NAME	DIAMETER (IN.)	CONDITION	LANDMARK	INVASIVE	EXEMPT	REMOVE
4055	Black Walnut	*Juglans nigra*	22	Excellent	Y			
4056	Black Walnut	*Juglans nigra*	11.5	Good				
4057	Black Walnut	*Juglans nigra*	8	Fair				
4058	White Ash	*Fraxinus americana*	8	Fair				
4059	Apple/Crabapple	*Malus spp.*	18.5	Fair				
4060	Black Cherry	*Prunus serotina*	16	Poor			Y	
4061	Black Cherry	*Prunus serotina*	18	Fair	Y			
4062	Black Cherry	*Prunus serotina*	45	Fair	Y			
4063	Black Cherry	*Prunus serotina*	17	Poor			Y	
4064	Black Walnut	*Juglans nigra*	15.5	Good				
4065	Black Cherry	*Prunus serotina*	8	Fair				
4066	American Elm	*Ulmus americana*	10.5	Good				
4067	Apple/Crabapple	*Malus spp.*	12	Fair				
4068	Black Walnut	*Juglans nigra*	11	Good				
4069	Black Walnut	*Juglans nigra*	8	Good				
4070	Black Walnut	*Juglans nigra*	12.5	Good				
4071	Black Walnut	*Juglans nigra*	15.5	Good				
4072	Black Cherry	*Prunus serotina*	17.5	Poor			Y	
4073	Black Walnut	*Juglans nigra*	27	Good	Y			
4076	Black Walnut	*Juglans nigra*	11	Good				
4077	Black Cherry	*Prunus serotina*	15	Poor			Y	
4078	Serviceberry	*Amelanchier spp.*	8	Good				
4079	Black Cherry	*Prunus serotina*	16	Poor			Y	
4080	Black Cherry	*Prunus serotina*	14	Fair				
4081	Black Cherry	*Prunus serotina*	18	Fair	Y			
4082	Apple/Crabapple	*Malus spp.*	13	Good				
4083	Hawthorn	*Crataegus spp.*	13	Good				
4084	Black Cherry	*Prunus serotina*	15	Poor			Y	
4085	Hawthorn	*Crataegus spp.*	8	Fair				
4086	Hawthorn	*Crataegus spp.*	12	Fair				
4087	Hawthorn	*Crataegus spp.*	15.5	Fair				
4088	Black Cherry	*Prunus serotina*	12	Good				
4089	Hawthorn	*Crataegus spp.*	8	Good				
4090	Hawthorn	*Crataegus spp.*	9.5	Excellent				
4091	Black Cherry	*Prunus serotina*	27	Poor	Y		Y	Y
4092	Black Walnut	*Juglans nigra*	28	Good	Y			Y
4093	American Elm	*Ulmus americana*	11	Good				
4094	Black Cherry	*Prunus serotina*	23	Fair	Y			
4095	American Elm	*Ulmus americana*	11	Good				
4096	Black Cherry	*Prunus serotina*	19	Poor	Y		Y	
4097	Black Cherry	*Prunus serotina*	17	Fair				
4098	Shagbark Hickory	*Carya ovata*	12	Excellent				
4099	Black Walnut	*Juglans nigra*	15.5	Excellent				
4100	Black Cherry	*Prunus serotina*	20	Fair	Y			

COMMON NAME	DIAMETER (IN.)	SOVEREIGN DIAMETER (IN.)
Basswood	18	54
Beech	18	45
Ohio Buckeye	18	
Catalpa	18	45
Black Cherry	18	54
American Elm	18	50
Fir	18	
Douglas Fir	18	
Kentucky Coffee Tree	18	40
Pine	18	
Sycamore	18	54
London Plane	18	54
Spruce	18	
Tulip-tree	18	54
Black Walnut	18	54
Shagbark Hickory	18	54
Pignut Hickory	18	54
Bitternut Hickory	16	35
Red Maple	16	48
Red Oak	16	48
Bur Oak	16	48
White Oak	16	48
Black Oak	16	48
Swamp White Oak	16	48
Birch	12	36
Cherry	12	36
Sweet Cherry	12	36
American Chestnut	6	18
Butternut	6	18

COMMON NAME	
Common Buckthorn	Y
Glossy Buckthorn	Y
Autumn Olive	Y
Honeysuckle	Y
Multiflora Rose	Y
Phramites	Y
Box-Elder	Y
Silver Maple	Y
Cottonwood	Y
Cottonwood	Y
Red-Cedar	Y

TREE REMOVAL/REPLACEMENT CALCULATION

REGULATED 8"-12" TREES REMOVED	**76**	**76**	REPLACEMENT TREES REQUIRED
REGULATED 12.1"-16" TREES REMOVED	**25**	**75**	REPLACEMENT TREES REQUIRED
REGULATED 16.1" & GREATER TREES REMOVED	**9**	**54**	REPLACEMENT TREES REQUIRED
TOTAL NUMBER OF REGULATED TREES REMOVED	**110**	**205**	REPLACEMENT TREES REQUIRED
TOTAL NUMBER OF LANDMARK TREES REMOVED	**3**		
TOTAL LANDMARK DBH REMOVED (INCHES)	**68**	**68**	REPLACEMENT TREES REQUIRED
TOTAL NUMBER OF REPLACEMENT TREES		**273**	TREES

TREE SURVEY NOTES

1. REMOVALS ON SHOWN ON THIS SHEET WITHIN THE PHASE 2 AREA WERE REMOVED AS PART OF PHASE 1 MASS GRADING EFFORTS.

2. CLASSIFICATION: BASED ON SUBSECTION 14.05F (WOODLANDS AND TREE PRESERVATION) OF SUPERIOR TOWNSHIP ZONING ORDINANCE, LANDMARK CRITERIA CORRESPONDS TO LANDMARK TREE, AS REGULATED BY THIS SECTION, SHALL BE ANY TREE THAT HAS A DIAMETER AT BREAST HEIGHT (D.B.H.) OF 24 INCHES OR GREATER; OR THAT IS OF A TYPE AND D.B.H. EQUAL TO OR GREATER THAN THAT SHOWN IN THE ZONING ORDIANCE. A SOVEREIGN TREE, AS REGULATED BY THIS SECTION, SHALL BE ANY TREE THAT IS REGISTERED ON THE NATIONAL BIG TREE REGISTRY OR A SIMILAR NATIONAL OR STATE REGISTRY ACCEPTED BY THE PLANNING COMMISSION; THAT HAS BEEN DOCUMENTED BY THE TOWNSHIP, A HISTORIAN, OR OTHER MEANS ACCEPTED BY THE PLANNING COMMISSION TO BE CLOSELY ASSOCIATED WITH AN EVENT, PERSON, OR PLACE OF HISTORICAL SIGNIFICANCE TO THE TOWNSHIP; OR THAT IS OF A SPECIES AND DIAMETER AT BREAST HEIGHT (D.B.H.) EQUAL TO OR GREATER THAN THAT SHOWN UNDER SUBSECTION 14.05F4 LANDMARK & SOVEREIGN TREE STANDARDS.

3. NO REPLACEMENT NEEDED: NO REPLACEMENTS SHALL BE REQUIRED FOR FOLLOWING TREES OTHERWISE REGULATED BY THIS SECTION, SUBJECT TO DOCUMENTATION AND VERIFICATION AS PART OF THE REQUIRED PLAN INFORMATION, AND SUCH TREES SHALL NOT COUNT TOWARDS THE MINIMUM REQUIRED PERCENTAGE OF PRESERVED TREES:
   1.DYING AND DISEASED TREES.
   2.ANY INVASIVE WOODY SHRUB SPECIES LISTED IN SECTION 14.05F.3; INCLUDING COMMON BUCKTHORN (RHAMNUS CATHARTICA)
   3.ANY OF THE FOLLOWING SPECIES OF TREES: BOX ELDER (ACER NEGUNDO),SILVER MAPLE (ACER SACCHARINUM), COTTONWOOD (POPULUS DELTOIDS), AND RED CEDAR (JUNIPERUS VIRGINIANA).

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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

TREE LIST

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS
NA NA NA
N/A

DR. SK	CH. SS
P.M. MB	
BOOK --	
JOB 16000819	
SHEET NO. 6	

A:\16000819\DWG\PLAN SETS\SITE - FINAL PHASE 2\16000819P2-Site Tr.dwg 4/26/2024 4:44 PM STEVE ZELS

LEGEND

- 12%–18% SLOPES
- 18%+ SLOPES
- REMOVE WOODS
- EXISTING WETLAND
- WETLAND IMPACTS
- LIMITS OF GRADING
- EXISTING SOILS LIMIT
- FoB EXISTING SOILS TYPE

NATURAL FEATURES NARRATIVE

NATURAL FEATURES ON THE SITE CONSIST OF WETLAND, TREES, SLOPES AND AGRICULTURAL FIELD. WITH TWO MAIN HIGH POINTS ON THE SITE, ONE IN THE NORTHERN PORTION AND THE SECOND ON THE FAR SOUTH SIDE. THE TOPOGRAPHY GENERALLY SLOPES TOWARD A WETLAND SWALE IN THE LOWER THIRD OF THE PROPERTY. THERE IS APPROXIMATELY 45 FEET OF TOPOGRAPHIC RELIEF ACROSS THE SITE. THERE ARE STEEP SLOPES ON THE SITE IN THE SOUTHERN PORTION IN THE AREA OF 18%.

THERE ARE FOUR WETLANDS ON THE SITE. THE TWO LARGER REGULATED WETLANDS (C AND D) ARE HYDRAULICALLY CONNECTED VIA A 12" CULVERT AND BOTH RUN EAST TO WEST ACROSS THE PROPERTY AND LEAD ALL THE WAY TO PROSPECT ROAD, WHERE IT'S CONNECTED TO ANOTHER LARGE WETLAND, BY A 12" CULVERT THAT FLOWS EAST TO WEST. THE TWO SMALLER, POCKET WETLANDS (A AND B), ARE JUST NORTH OF THE LARGER SYSTEM; THEY ARE DEPENDENT ON AGRICULTURAL TILE RUNOFF, WHICH WHEN DISTURBED THE TILE WILL BE REMOVED AND THE RESULTANT HYDROLOGICAL PATTERN WILL BE ALTERED. WETLAND A IS PREDOMINANTLY COTTONWOOD, ELM AND BOXELDER.

TREES ON THE SITE ALTHOUGH IN GOOD CONDITION, ARE NOT NECESSARILY HIGH QUALITY WITH RESPECT TO SPECIES. THE TREES EXIST LARGELY IN HEDGE ROWS AND SCATTERED CLUSTERS. THE PREDOMINANT SPECIES ARE ELM, BOXELDER AND POPLAR RANGING FROM 6"–24" WITH THE VAST MAJORITY IN THE 7"–13" RANGE.

SOIL INFORMATION

BNC	BOYER LOAMY SAND, 6 TO 12 PERCENT SLOPES
BNF	BOYER LOAMY SAND, 25 TO 50 PERCENT SLOPES
FOB	FOX SANDY LOAM, TILL PLAIN, 2 TO 6 PERCENT SLOPES
HO	HOYTVILLE SILTY CLAY LOAM
KEB	KENDALLVILLE LOAM, 2 TO 6 PERCENT SLOPES
MDA	MATHERTON SANDY LOAM, 0 TO 4 PERCENT SLOPES
MFA	METAMORA SANDY LOAM, 0 TO 4 PERCENT SLOPES
NAB	NAPPANEE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES
OSB	OSHTEMO LOAMY SAND, 0 TO 6 PERCENT SLOPES
PE	PEWAMO CLAY LOAM, 0 TO 2 PERCENT SLOPES
SB	SEBEWA LOAM, DISINTEGRATION MORAINE, 0 TO 2 PERCENT SLOPES
SO	SLOAN SILT LOAM, WET
SPB	SPINKS LOAMY SAND, 0 TO 6 PERCENT SLOPES
STB	ST. CLAIR CLAY LOAM, 2 TO 6 PERCENT SLOPES
STC	ST. CLAIR CLAY LOAM, 6 TO 12 PERCENT SLOPES
THA	THETFORD LOAMY SAND, 0 TO 4 PERCENT SLOPES
W	WATER
WAWABC	WAWASEE LOAM, 6 TO 12 PERCENT SLOPES

NOTES

1) BEARINGS ARE BASED ON NAD83 MICHIGAN STATE PLANE COORDINATE SYSTEM,SOUTH ZONE, INTERNATIONAL FEET, GROUND DISTANCES. VERTICAL DATUM: NAVD88.

2) WATER MAIN, STORM SEWER, AND SANITARY SEWER UTILITY STRUCTURES HAVE BEEN FIELD LOCATED WHERE VISIBLE. UTILITY AND AS-BUILT MAPS HAVE BEEN REQUESTED AND SOME MAPS HAVE BEEN RECEIVED AT DATE OF THIS SURVEY. FRANCHISE UTILITY MAPS HAVE BEEN REQUESTED FROM THE APPROPRIATE FRANCHISE COMPANY, BUT NOT ALL MAPS HAVE BEEN RECEIVED AT DATE OF SURVEY. FRANCHISE UTILITY STRUCTURES HAVE BEEN FIELD LOCATED WHERE VISIBLE.

3) THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED.

4) SUBJECT PROPERTY AS SHOWN AND NOTED ON SURVEY DESCRIBES THE SAME PROPERTY AS SCHEDULE C PROPERTY DESCRIPTION (PER TITLE COMMITMENT ISSUED BY FIRST AMERICAN TITLE INSURANCE,
FILE NO.: 755321, COMMITMENT DATE SEPTEMBER 07, 2016)

5) SUBJECT PROPERTY IS NOT LOCATED WITHIN A FLOODPLAIN PER FIRM MAP NUMBER 26161C0288E DATED APRIL 3, 2012.

6) PROSPECT POINTE SUBDIVISION NO. 1 PLAT WAS AMENDED TO REMOVE ABIGAIL DRIVE STUB AS PUBLIC RIGHT-OF-WAY AS RECORDED IN LIBER 35, PAGES 67-68 AS OF 12/12/22 AND PROSPECT POINT SUBDIVISION NO. 2 PLAT WAS AMENDED TO REMOVE THE FRANCES WAY STUB AS A PUBLIC RIGHT OF WAY AS RECORDED IN LIBER 5426, PAGE 892, AS OF 11/5/22, AS REQUIRED BY THE WASHTENAW COUNTY ROAD COMMISSION.

WETLAND IMPACT SUMMARY

Wetland Impact	Wetland Area (acre)	EGLE Regulated	Regulated Wetland Impact Area (SF)	Regulated Wetland Impact Area (AC)	Estimated Cut Impact Volume (cubic yards)	Estimated Fill Impact Volume (cubic yards)	Estimated Net Impact Volume (cubic yards)
A1	3.69	Yes	14,480	0.33	0	2950	2950
A2	3.69	Yes	611	0.01	52	0	-52
B	0.72	Yes	6,892	0.16	41	295	254
D	0.06	No	0	0.00	-	-	-
Total		-	**21,983**	**0.50**	**93**	**3245**	**3152**

811
Know what's below.
Call before you dig.
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NOTICE:
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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

NATURAL FEATURES PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 150 FEET

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	7

A:\16000819\CAD\PLAN SETS\FSTE - FINAL PHASE 2\16000819FP2-05-AP.DWG 5/21/2024 8:10 AM STEVE BILS

MAINTAIN TEMPORARY ASPHALT DRIVE APPROACH AND GRAVEL DRIVE THROUGHOUT CONSTRUCTION. REPLACE STONE AS NECESSARY. TEMPORARY ACCESS TO BE REMOVED AT DIRECTION OF OWNER.

NORTH 1/4 COR SECTION 33, T2S, R7E SUPERIOR TWP. WASHTENAW COUNTY, MI

GEDDES ROAD (60 FT HALF WIDTH-PUBLIC)

NORTH-SOUTH 1/4 LINE SECTION 33

~BITUMINOUS~

772'

BITUMINOUS WALK

EX. ROW

EXTEND STONE TRACKING MAT TO BACK OF CURB, SEE SHEET 11

HUNTERS CREEK DR. (100 FT. WD.-PUBLIC)

ABIGAIL DRIVE (66' WIDE PRIVATE)

VACATED ABIGAIL DRIVE (66 FT. WIDE)

ABIGAIL DRIVE (66 FT. WIDE)

BM #1

EX. HEDGEROW

TP-1

TP-2

TP-3

TP-4

PR. CURB INLET FILTER (SEE DETAIL ON SHEET 11)

ELIZABETH LANE (66' WIDE PRIVATE)

MAGGIE LANE (66' WIDE PRIVATE)

HUNTERS CREEK DR. (66 FT. WIDE)

HUNTERS CREEK DRIVE

LEAH LANE (VARIABLE WIDTH-PUBLIC)

LEAH LANE

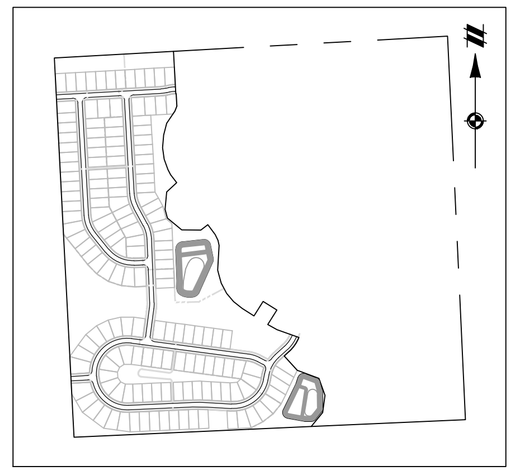
BM #2

Ho

NaB

Pe

SEE SHEET 9 FOR CONTINUATION



KEYMAP
SCALE: 1" = 750'

LEGEND

- PROPERTY LINE
- EASEMENT
- 588 EXISTING 1' CONTOUR
- 590 EXISTING 5' CONTOUR
- 588 PHASE 1 GRADING 1' CONTOUR
- 590 PHASE 1 GRADING 5' CONTOUR
- 588 PROPOSED PHASE 2 1' CONTOUR
- 590 PROPOSED PHASE 2 5' CONTOUR
- EXISTING MANHOLE/CATCH BASIN/END SECTION
- PROPOSED MANHOLE/CATCH BASIN/END SECTION
- PROPOSED SILT FENCE
- GRADING LIMITS
- TREE PROTECTION
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED SILT SACK INLET FILTER
- PROPOSED YARD INLET FILTER
- PROPOSED RIP-RAP
- EX. SOIL TYPE BOUNDARY
- Pe EX. SOIL TYPE LABEL
- PR. LIMIT OF DISTURBANCE

NOTES

IF STOCKPILING IS NECESSARY AND/OR CREATED, SILT FENCE SHALL BE INSTALLED AND MAINTAINED AROUND THE PERIMETER OF THE STOCKPILE IF THE STOCKPILE WILL BE ON-SITE FOR AN EXTENDED PERIOD OF TIME.

MASS GRADING OF THE PHASE 2 AREA WAS PERFORMED DURING PHASE 1 CONSTRUCTION.

EMERGENCY ACCESS ALONG GEDDES TO BE MAINTAINED AT ALL TIMES, INCLUDING SNOW REMOVAL, UNTIL SECONDARY SITE ACCESS AT FRANCES WAY IS CONSTRUCTED.

811 Know what's below. Call before you dig.

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SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN - PHASE 2

SOIL EROSION CONTROL PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

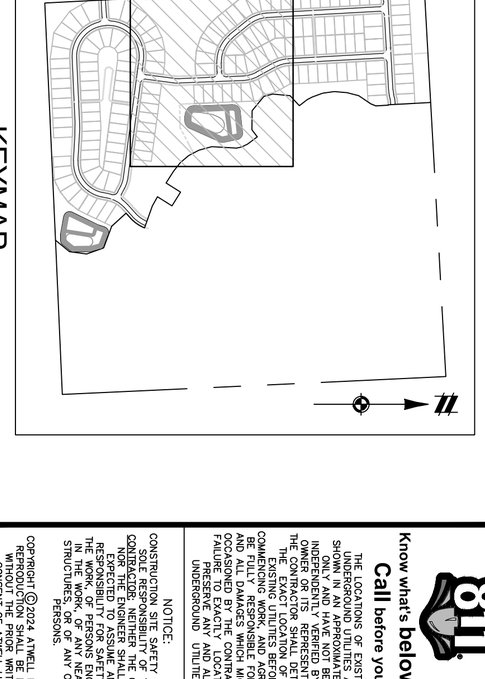
DR. SK	CH. SS
P.M. MB	
BOOK --	
JOB 16000819	
SHEET NO. 8	

A:\16000819\CIVIL\PLAN SETS\SITE - FINAL PHASE 2\16000819F2-SE-SESC.DWG 5/20/2024 4:45 PM STEVE SILLS

K:\16000819\DWG\PLAN SETS\SITE - FINAL PHASE 2\16000819SF2-06-SESC.DWG 5/20/2024 4:45 PM STEVE SILLS

KEYMAP

SCALE: 1" = 750'



LEGEND

- PROPERTY LINE
- EASEMENT
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- PHASE 1 GRADING 1' CONTOUR
- PHASE 1 GRADING 5' CONTOUR
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- PROPOSED 5' CONTOUR
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- PROPOSED MANHOLE/CATCH BASIN/END SECTION
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- TREE PROTECTION
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED SILT SACK INLET FILTER
- PROPOSED YARD INLET FILTER
- PROPOSED RIP-RAP
- EX. SOIL TYPE BOUNDARY
- EX. SOIL TYPE LABEL (Pe)
- PR. LIMIT OF DISTURBANCE
- PHASE LINE

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WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

SOIL EROSION CONTROL PLAN

DATE
MARCH 1, 2024
05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 9

K:\16000819\DWG\PLAN SETS\SITE - FINAL PHASE 2\16000819SF2-06-SESC.DWG 5/20/2024 4:45 PM STEVE SILLS

MAINTAIN TEMPORARY ASPHALT DRIVE APPROACH AND GRAVEL DRIVE THROUGHOUT CONSTRUCTION. REPLACE STONE AS NECESSARY. TEMPORARY ACCESS TO BE REMOVED AT DIRECTION OF OWNER.

~BITUMINOUS~

GEDDES ROAD

(60 FT HALF WIDTH-PUBLIC)

U.P.

"CONSTRUCTION AND EMERGENCY VEHICLE ENTRANCE" SIGN

R20'

815.67EX

815.92EX

EMERGENCY VEHICLE ACCESS TO BE MAINTAINED AT ALL TIMES, INCLUDING SNOW REMOVAL, UNTIL SECONDARY SITE ACCESS IS CONSTRUCTED AT FRANCES WAY IN PHASE 3.

WETLAND-E NON-REGULATED 0.53 AC. ON-SITE

EX. HEDGEROW

EDGE OF WATER AREA: 0.24 AC.

"CONSTRUCTION AND EMERGENCY VEHICLE EXIT" SIGN

199'

TP-1

EXTEND STONE TRACKING MAT TO BACK OF CURB. SEE SHEET 11

BITUMINOUS WALK

EX. ROW

63 62 61 60 59 58 56 55

816 817 818 819 820 821 822

KEYMAP

SCALE: 1" = 750'

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- PROPOSED YARD INLET FILTER
- PROPOSED RIP-RAP
- EX. SOIL TYPE BOUNDARY
- Pe EX. SOIL TYPE LABEL
- PR. LIMIT OF DISTURBANCE

TEMPORARY ASPHALT CROSS SECTION

NO SCALE

1-1/2" HMA LEVELING COURSE
2" HMA BASE COURSE
8" MDOT 21AA CRUSHED LIMESTONE
COMPACTED SUBGRADE
COMPACT TO 95% OF MAXIMUM UNIT WEIGHT

811 Know what's below. Call before you dig.

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PROSPECT POINTE WEST
FINAL SITE PLAN - PHASE 2

TEMPORARY CONSTRUCTION ACCESS DRIVE

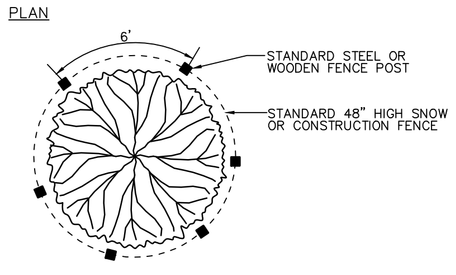
DATE
MARCH 1, 2024

REVISIONS
05-20-2024 PER TWP

SCALE: 1" = 20 FEET

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 10

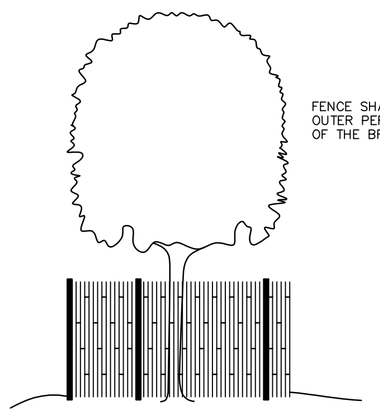
PLAN



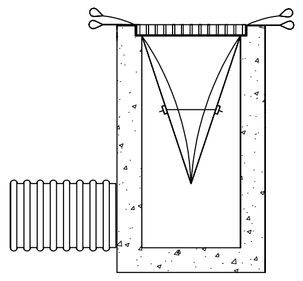
TREE PROTECTION NOTES:

1. ALL TREES TO BE REMOVED WILL BE IDENTIFIED BY RED FLAGGING.
2. TREE PROTECTION FENCING IS TO BE ERECTED PRIOR TO ANY EARTHWORK OR CONSTRUCTION AND IS TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
3. ALL DEBRIS, FILL, EQUIPMENT OR MATERIAL IS TO BE KEPT CLEAR OF AREA WITHIN PROTECTIVE FENCE. NO CLEANING OF EQUIPMENT,OR MATERIAL OR STORAGE OR DISPOSAL OF ANY MATERIAL WITHIN THE DRIP LINE OF ANY TREES TO BE SAVED.

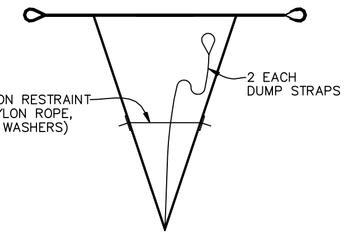
ELEVATION



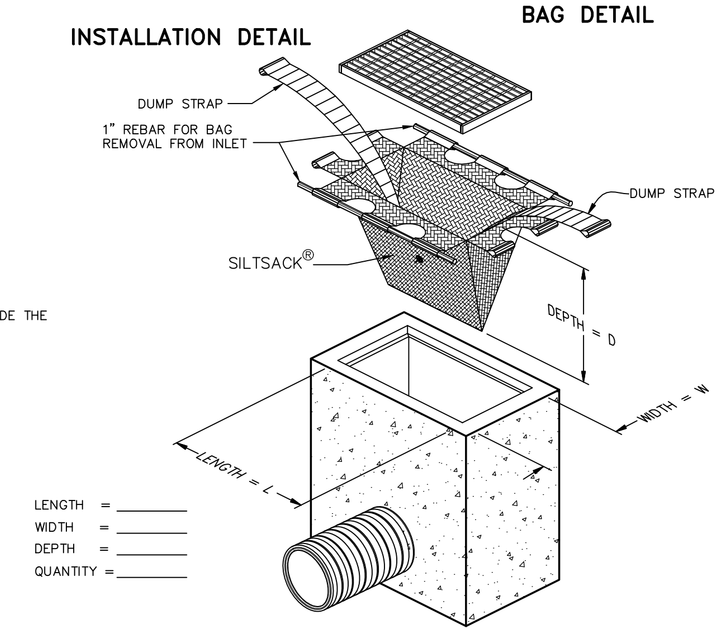
TREE PROTECTION FENCE DETAIL
NO SCALE



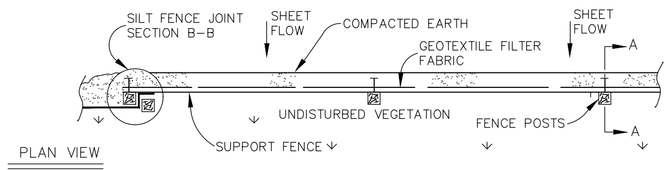
INSTALLATION DETAIL

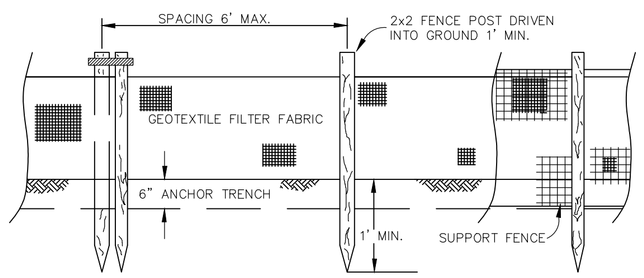


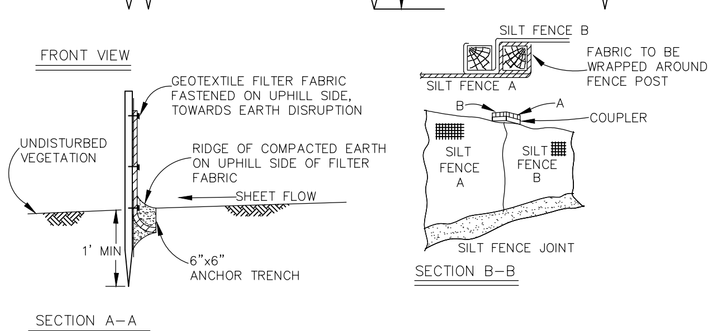
BAG DETAIL



SILTSACK DETAIL
NO SCALE







SILTFENCE DETAIL
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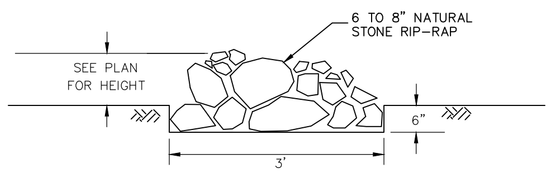
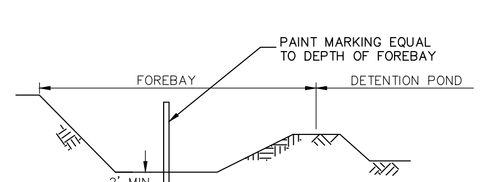
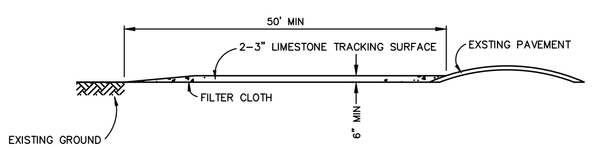
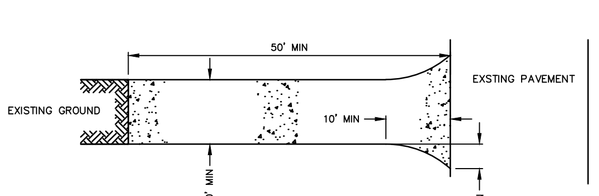


SEDIMENT FOREBAY RIP-RAP BARRIER DETAIL
NO SCALE

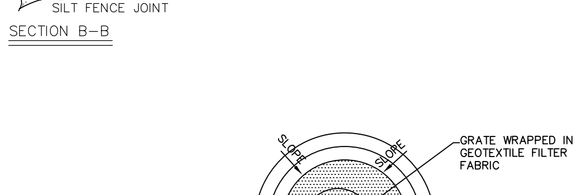


SEDIMENT FOREBAY MARKER DETAIL
NO SCALE

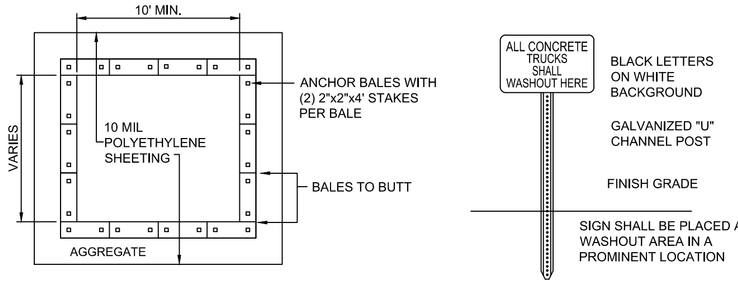


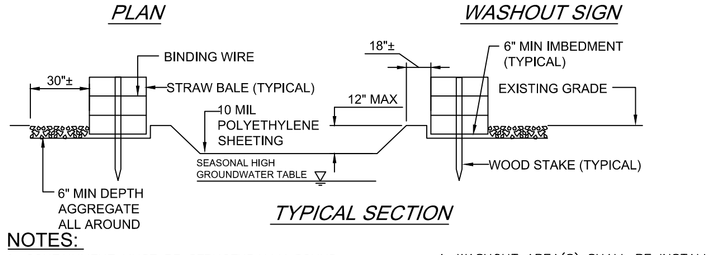


TRACKING SURFACE
NO SCALE



LOW POINT INLET FILTER
NO SCALE





NOTES:

1. CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.
2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.
3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE ASHOUT IS 75% FULL.
4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
6. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

CONCRETE WASHOUT AREA
NO SCALE

SITE INFORMATION

SITE LOCATION: NORTHEAST 1/4 OF SECTION 33, SUPERIOR TOWNSHIP, MICHIGAN.

1. ULTIMATE RECEIVING WATER: HURON RIVER, VIA SUPERIOR DRAIN NO. 1
2. SITE SOILS INFORMATION: PER THE NRCS WEB SURVEY FOR WASHTENAW COUNTY; BNC. BNF, FOB, HO, KEB, MDA, MFA, NAB, OSB, PE , SB, SO, SPB, STB, STC, THA, WAWABC
3. APPROXIMATE AREA OF DISTURBANCE: 13± ACRES IN PHASE 2
4. THIS PROJECT BOUNDARY IS APPROXIMATELY 60 FEET FROM AN UN-NAMED WATERCOURSE

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT.
2. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PERIOD OF TIME.
3. TEMPORARY VEGETATION AND/OR MULCHING SHALL BE BE USED TO PROTECT CRITICAL AREAS EXPOSED DURING DEVELOPMENT.
4. THE PERMANENT FINAL VEGETATION AND STRUCTURES SHALL BE INSTALLED AS SOON AS PRACTICAL IN DEVELOPMENT.
5. THE DEVELOPMENT PLAN SHOULD BE FITTED TO THE TOPOGRAPHY AND SOIL SO AS TO CREATE THE LEAST SOIL EROSION POTENTIAL.
6. REFER TO WASHTENAW COUNTY STANDARD DETAILS OF THE SESC BMP MEASURES AS THEY CORRESPOND WITH THIS PLAN.
7. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE TOWNSHIP AND THE WASHTENAW COUNTY DRAIN COMMISSIONER.
8. THE CONTRACTOR SHALL MAKE DAILY INSPECTIONS TO DETERMINE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES, AND ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
9. EROSION AND ANY SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
10. EROSION AND ANY SEDIMENTATION CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OF SILT OFF THE SITE.
11. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 5 CALENDAR DAYS AFTER FINAL GRADING OR THE FINAL EARTH CHANGE HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER AN EARTH CHANGE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH CHANGE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED. ALL PERMANENT SOIL EROSION CONTROL MEASURES WILL BE IMPLEMENTED AND ESTABLISHED BEFORE A CERTIFICATE OF COMPLIANCE IS ISSUED.
12. A WATER TRUCK SHALL BE AVAILABLE TO WATER DOWN THE SITE ON A DAILY BASIS FOR DUST CONTROL.
13. ALL MUD/DIRT TRACKED ONTO EXISTING CITY/COUNTY ROADS FROM THIS SITE, DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR/BUILDER, AS DIRECTED BY THE TOWNSHIP. MUD MAT DAILY MAINTENANCE WILL INCLUDE THE ADDITION OF EXTRA LAYERS OF STONE AS NECESSARY.
14. DURING CONSTRUCTION OF THE STORM SEWER SYSTEM, STRAW BALES, STONE FILTERS OR OTHER APPROVED MEANS, WILL PROTECT THE ENDS OF ALL OPEN PIPES.
15. PROMPTLY UPON THE BACKFILLING OF STORM STRUCTURES, INLET FILTERS WILL BE PLACED AROUND THE STRUCTURE PER DETAILS.
16. WITHIN FIVE (5) DAYS AFTER COMPLETION OF PAVING, A 16-FOOT STRIP AROUND PAVED AREAS SHALL BE PROTECTED FROM SOIL EROSION BY AN APPROVED METHOD CONSISTENT WITH THE GROWING SEASON.
17. ANY REMAINING DENUDED AREA SHALL BE SEEDED AND MULCHED WITHIN 5 DAYS AFTER COMPLETION OF FINAL GRADING. SEED MIX AND APPLICATION RATES SHALL BE PER MDOT CLASS A SEED.
18. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED ON A DAILY BASIS TO ENSURE PROPER FUNCTIONING. SEDIMENT DEPOSIT MUST BE REMOVED WHEN ACCUMULATION REACHES 1/3 TO 1/2 OF THE HEIGHT OF THE SILT FENCE AND SHOULD BE REMOVED AFTER EACH STORM EVENT. FABRIC SHALL BE REPLACED PROMPTLY IF IT DECOMPOSES OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USEABLE LIFE.
19. THAT ALL EROSION CONTROL MEASURES ARE INSTALLED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF CONSTRUCTION
    - 19.1. INSTALL SILT FENCE/STRAW BERMS AS SHOWN ON PLANS.
    - 19.2. STRIP AND STOCKPILE TOPSOIL AND GRADE SITE.
    - 19.3. INSTALL ON-SITE AND OFF-SITE STORM SEWER SYSTEMS COMPLETE, IMMEDIATELY INSTALL STONE FILTERS ON ALL PIPE INLETS AND CATCH BASINS AND ESTABLISH VEGETATION ON ALL DITCHES, SWALES, AND DISTURBED AREAS.
    - 19.4. INSTALL ALL PUBLIC UTILITIES (GAS, ELECTRICITY, AND TELEPHONE)
    - 19.5. INSTALL PAVEMENT COMPLETE REPAIR AND/OR REPLACE STONE FILTERS AS REQUIRED.
    - 19.6. FINISH GRADE, REDISTRIBUTE TOPSOIL, ESTABLISH VEGETATION AND/OR LANDSCAPE ALL DISTURBED AREAS.
    - 19.7. CLEAN PAVEMENT, WALKS, CULVERTS, WATERCOURSES, AND STORM SEWER SYSTEMS OF ALL SEDIMENT IN CONJUNCTION WITH THE REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURES. REESTABLISHED VEGETATION AS NECESSARY.
20. SHOULD DEWATERING BE NECESSARY, DISCHARGE SHALL BE ROUTED THROUGH A SEDIMENT FOREBAY, FILTER BAG OVER A WELL VEGETATED AREA OR OTHER APPROVED FILTERING MECHANISM PRIOR TO BEING DISCHARGED FROM THE SITE. DISCHARGE MUST BE LIMITED TO A NON-EROSIVE VELOCITY.
21. SOIL EROSION WILL BE CONTROLLED DURING AND AFTER CONSTRUCTION TO PROTECT ADJACENT PROPERTIES OR FACILITIES.
22. EROSION CONTROL BLANKET/MATTING SHALL BE INSTALLED ON SLOPES AT OR NEAR MAXIMUM ALLOWABLE GRADE AND AS NEEDED TO EFFECTIVELY ESTABLISH BOTH TEMPORARY AND PERMANENT VEGETATIVE COVER.
23. IF STOCKPILING IS NECESSARY AND/OR CREATED, SILT FENCE SHALL BE INSTALLED AND MAINTAINED AROUND THE PERIMETER OF THE STOCKPILE IF THE STOCKPILE WILL BE ON-SITE FOR AN EXTENDED PERIOD OF TIME.
24. AT THE TIME OF PLANT AND SEED DELIVERY, A WCWRC LANDSCAPE REVIEWER MUST BE PRESENT. THE QUANTITY AND SPECIES DELIVERED WILL BE REVIEWED ON SITE. CONTACT CATIE WYTYCHAK AT WYRYCHAKC@WASHTENAW.ORD OR (734) 222-6813.

NOTE: NO WORK WITHIN REGULATED WETLANDS UNTIL EGLE PERMIT IS ISSUED

SOIL EROSION CONSTRUCTION SEQUENCE

1. NOTIFY SOIL EROSION OFFICE 48 HOURS BEFORE WORK IS TO BEGIN.
2. PRIOR TO CONSTRUCTION, INSTALL TEMPORARY STONE ACCESS DRIVES AT ENTRANCE, SILT FENCE, TREE PROTECTION FENCE, AND EROSION CONTROL MEASURES ON EXISTING STORM INLETS AS DESIGNATED ON THE SESC PLAN.
3. INSTALL UNDERGROUND UTILITIES (I.E. SANITARY, STORM, AND WATER MAIN.). INSTALL INLET FILTER PROTECTION ON PROPOSED STORM SEWER STRUCTURES. (10/1/23 – 15 DAYS)
4. PAVING ACTIVITIES. REMOVE STONE ACCESS DRIVE WHEN COMPLETE. (11/01/23 – 10 DAYS)
5. INSTALL PUBLIC UTILITIES (ELECTRIC, TELEPHONE, AND CABLE T.V.). (11/15/23 – 30 DAYS)
6. FINAL GRADING AND INSTALLATION OF LANDSCAPING. ESTABLISH PERMANENT VEGETATION FOR REMAINING DISTURBED AREAS. (04/15/24 – 45 DAYS)
7. CLEAN OUT STORM SEWER SYSTEM. CLEAN OUT SEDIMENT AND RESTORE SEDIMENT FOREBAY AND DETENTION POND TO DESIGN SPECIFICATIONS. (MAY 2024 – 15 DAYS)
8. CALL SOIL EROSION OFFICE FOR FINAL INSPECTION. REMOVE TEMPORARY SOIL EROSION MEASURES UPON APPROVAL. (JULY 2024)

Maintenance Tasks and Schedule (during construction)

Tasks	Components: Storm Sewer System	Catch Basin Sumps	Catch Basin Inlet Castings	Channels	Outflow Control Structures	Rip-Rap	Storm Detention Areas	Subsurface Infiltration Bed	Wetlands	Emergency Overflow	Schedule
Inspect for sediment accumulation	*	*			*		*	*	*		Weekly
Removal of sediment accumulation	*	*			*		*	*	*		As needed* and prior to turnover
Inspect for floatables and debris	*	*	*	*	*		*	*	*	*	Quarterly
Cleaning of floatables and debris	*	*	*	*	*		*	*	*	*	Quarterly and at turnover
Inspection for erosion				*	*	*	*		*	*	Weekly
Reestablish permanent vegetation on eroded slopes				*			*		*	*	As needed* and prior to turnover
Replacement of gravel jackets					*						As needed*
Mowing				*			*			*	0 to 2 times per yr.
Inspect structural elements during wet weather and compare as-built plans (by a professional engineer reporting to the Developer)	*			*	*	*	*		*	*	Annually and at turnover
Make adjustments or replacements as determined by pre-turnover inspection	*			*	*	*	*		*	*	As needed*

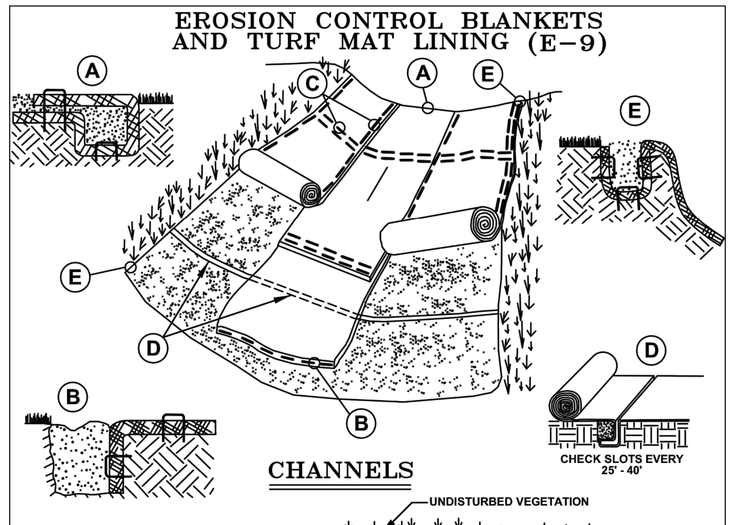
* "as needed" means when sediment has accumulated to a maximum of one foot depth.
Contractor is responsible for maintaining Soil Erosion and Sedimentation Control measures during construction

Maintenance Tasks and Schedule (following construction)

Tasks	Components: Streets	Storm Sewer System	Catch Basin Sumps	Catch Basin Inlet Castings	Channels	Outflow Control Structures	Filtration Basins	Storm Detention Areas	Subsurface Infiltration Bed	Wetlands	Woodlands	Emergency Overflow	Schedule	Annual Cost
Inspect for sediment accumulation		*	*			*	*	*	*				Annually	$300.00
Removal of sediment accumulation		*	*			*	*	*	*				Every 5-10 yrs as needed	$1,000.00
Inspect for floatables and debris		*	*	*	*	*	*	*	*			*	Annually	$300.00
Cleaning of floatables and debris		*	*	*	*	*	*	*	*			*	Annually	$400.00
Inspection for erosion					*	*	*	*		*		*	Annually	$300.00
Inspect wetlands and woodlands for invasive species. Remove or treat as needed										*	*		Annually (removal or treatment every 3-5 years as needed)	$800.00
Reestablish permanent vegetation on eroded slopes					*		*	*		*		*	As needed	$500.00
Replacement of gravel jackets						*							Every 3-5 yrs as needed	$700.00
Clean streets	*												Semi-annually	$400.00
Mowing	*				*		*	*				*	0 to 2 times per yr.	$400.00
Inspect structural elements during wet weather and compare as-built plans (by a professional engineer reporting to the condominium association)						*							Annually	$400.00
Make adjustments or replacements as determined by wet weather inspection		*			*	*	*	*	*	*		*	As needed	$500.00
Keep records of all inspections and maintenance activities and report to condominium association		*			*	*	*	*	*	*		*	Annually	
Keep records of all costs for inspections, maintenance and repairs. Report to condominium association		*	*	*	*	*	*	*	*	*	*	*	Annually	
Condominium association reviews cost effectiveness of the preventative maintenance program and makes necessary adjustments		*	*	*	*	*	*	*	*	*	*	*	Annually	
Condominium association to have a professional engineer carry out emergency inspections upon identification of severe problems.		*	*	*	*	*	*	*	*	*	*	*	As needed	$200.00
														$6,200.00

The Condominium Association will assess its members to pay for all maintenance activities on an annual basis

EROSION CONTROL BLANKETS AND TURF MAT LINING (E-9)



DEPENDING ON THE VELOCITY, SLOPE, SOILS, USE PROPER BLANKET OR TURF MAT LINING PER MANUFACTURER'S SPECIFICATIONS TO HANDLE THE SHEER STRESSES OF THE SLOPE/CHANNEL.

Know what's below. Call before you dig.
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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

SOIL EROSION CONTROL NOTES & DETAILS

DATE
MARCH 1, 2024

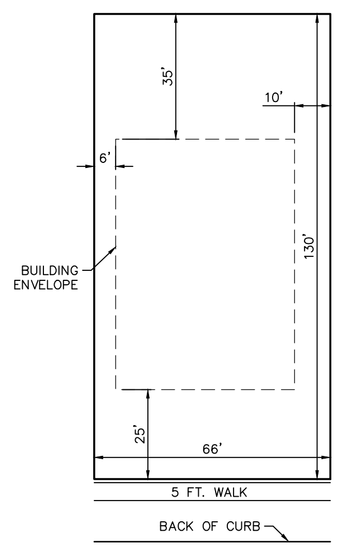
05-20-2024 PER TWP

REVISIONS
NA NA NA
N/A

DR. SK CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 11

A:\16000819\CAD\CIVIL SETS\SITE - FINAL PHASE 2\16000819P2-SE-SESC.DWG 5/29/2024 4:45 PM STEVE SILLS

Parcel Table		Parcel Table	
Parcel #	Area (S.F.)	Parcel #	Area (S.F.)
40	9,359	61	9,100
41	8,529	62	9,100
42	9,565	63	9,379
43	11,546	64	10,543
44	10,175	65	8,871
45	8,580	66	9,152
46	8,580	67	9,172
47	8,580	68	8,928
48	8,580	69	8,947
49	8,728	70	8,966
50	8,840	71	8,984
51	8,840	72	9,003
52	8,840	73	9,287
53	8,840	74	9,307
54	11,267	75	10,389
55	11,266	76	12,167
56	11,267	77	10,576
57	8,840	78	9,254
58	8,840	79	9,251
59	9,100	80	10,257
60	9,100	81	10,483
		82	10,483
		83	10,184
		84	10,776



TYPICAL 66' LOT DETAIL
N.T.S.

SITE DATA

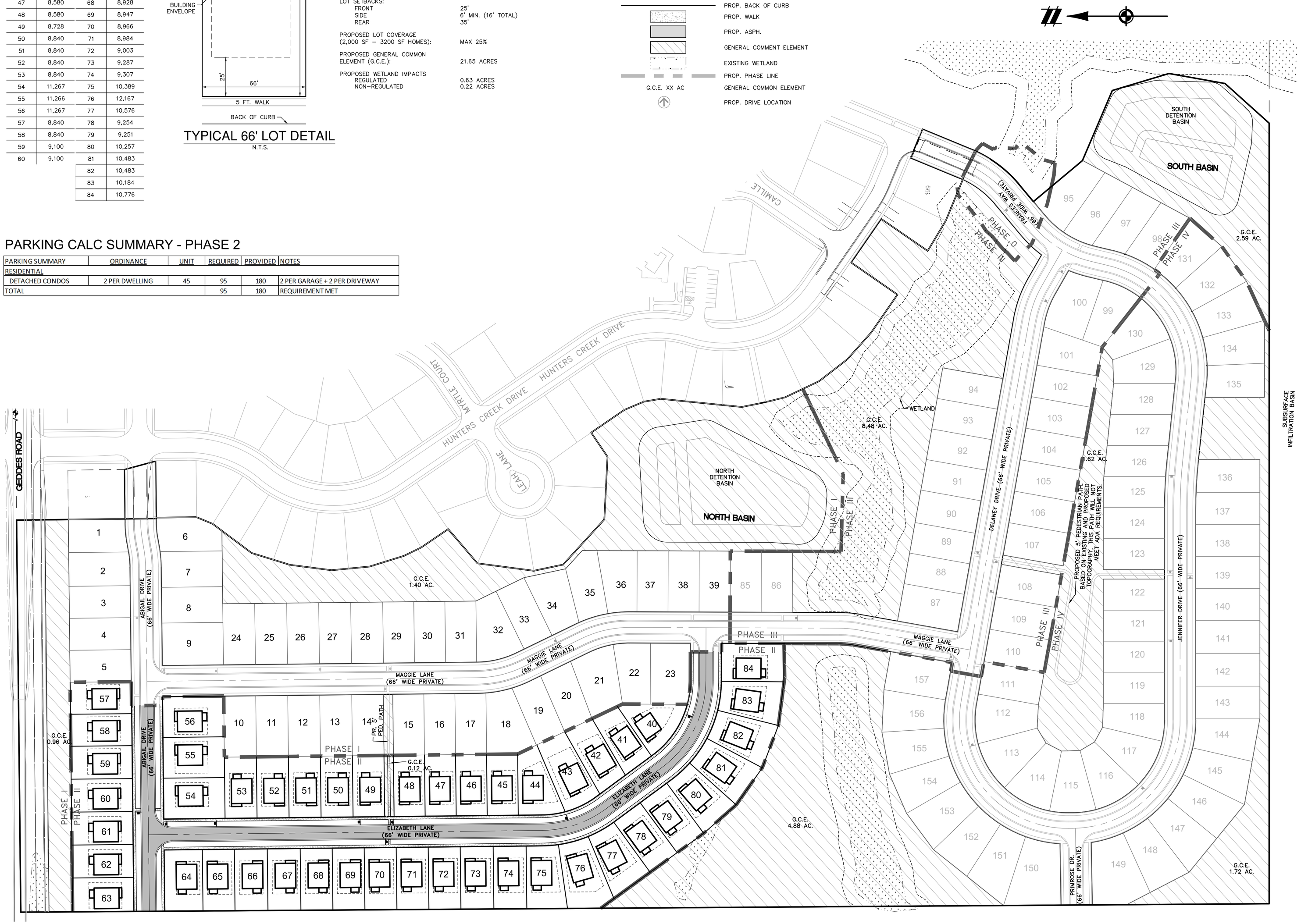
GROSS AREA:	67.99 ACRES
GEDDES ROAD ROW:	1.15 ACRES
NET AREA:	66.84 ACRES
EXISTING ZONING:	R4 SINGLE FAMILY RESIDENTIAL
PROPOSED ZONING:	R4 SINGLE FAMILY RESIDENTIAL
PROPOSED USE:	SINGLE FAMILY RESIDENTIAL SITE CONDOMINIUM
NUMBER OF PROPOSED LOTS:	157
PROPOSED DENSITY (GROSS):	2.31
PROPOSED DENSITY (NET):	2.35
LOT AREA PER DWELLING UNIT:	66' X 130' = 8580 SF (TYPICAL)
MINIMUM LOT WIDTH:	66'
LOT SETBACKS:	
FRONT	25'
SIDE	6' MIN. (16' TOTAL)
REAR	35'
PROPOSED LOT COVERAGE (2,000 SF – 3200 SF HOMES):	MAX 25%
PROPOSED GENERAL COMMON ELEMENT (G.C.E.):	21.65 ACRES
PROPOSED WETLAND IMPACTS	
REGULATED	0.63 ACRES
NON-REGULATED	0.22 ACRES

LEGEND

- BOUNDARY LINE
- EXIST. EASEMENT
- SECTION LINE
- BOUNDARY/PROPERTY LINE
- EXIST. SETBACK
- EXIST. TREE LINE
- EXIST. CURB AND GUTTER
- EXIST. BUILDING
- EXIST. WETLAND BUFFER
- PROP. SETBACK
- PROP. LOT LINE
- PROP. ROAD CENTERLINE
- PROP. BACK OF CURB
- PROP. WALK
- PROP. ASPH.
- GENERAL COMMENT ELEMENT
- EXISTING WETLAND
- PROP. PHASE LINE
- G.C.E. XX AC — GENERAL COMMON ELEMENT
- PROP. DRIVE LOCATION

PARKING CALC SUMMARY - PHASE 2

PARKING SUMMARY	ORDINANCE	UNIT	REQUIRED	PROVIDED	NOTES
RESIDENTIAL					
DETACHED CONDOS	2 PER DWELLING	45	95	180	2 PER GARAGE + 2 PER DRIVEWAY
TOTAL			95	180	REQUIREMENT MET



811
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WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

OVERALL LAYOUT PLAN

DATE
MARCH 1, 2024

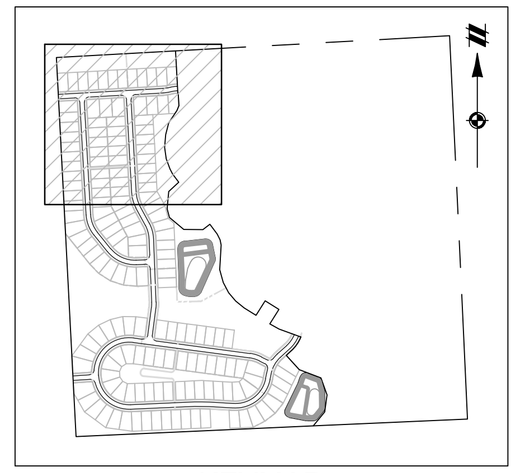
05-20-2024 PER TWP

REVISIONS

0 50 100
SCALE: 1" = 100 FEET

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	12

J:\16000819\CAD\PLAN SETS\FSP - FINAL PHASE 2\16000819FSP2-OP-PLOT.DWG 5/20/2024 4:45 PM STEVE SILLS



KEYMAP
SCALE: 1" = 750'

LEGEND

- BOUNDARY LINE
- EXIST. EASEMENT
- SECTION LINE
- BOUNDARY/PROPERTY LINE
- EXIST. SETBACK
- EXIST. TREE LINE
- EXIST. CURB AND GUTTER
- EXIST. BUILDING
- EXIST. WETLAND BUFFER
- PROP. SETBACK
- PROP. LOT LINE
- PROP. ROAD CENTERLINE
- PROP. BACK OF CURB
- PROP. WALK
- PROP. ASPH.
- GENERAL COMMON ELEMENT
- PROP. PHASE LINE
- EXIST. WETLAND
- GCE XX AC — GENERAL COMMON ELEMENT
- GARAGE/DRIVEWAY LOCATION INDICATOR

SIGN LEGEND

- (A) W11A-2 PEDESTRIAN CROSSING SIGN
- (B) R1-1 STOP SIGN
- (C) D3-1 STREET NAME SIGN
- (D) 'NO PARKING' FIRE LANE SIGN

ABIGAIL DRIVE

ALIGNMENT LINE TABLE				
Line #	Length	Direction	Start Point	End Point
L1	731.26	N86° 48' 35.57"E	(13327274.84,283145.90)	(13328004.96,283186.59)
L2	20.93	N77° 32' 06.87"E	(13328041.80,283191.65)	(13328062.24,283196.17)
L3	8.52	N86° 47' 29.57"E	(13328099.01,283201.23)	(13328107.52,283201.71)

ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	CHD. BEARING	CHORD
C1	230.00'	37.23'	9°16'29"	N82°10'21"E	37.19'
C2	230.00'	37.16'	9°15'23"	N82°09'48"E	37.12'

ELIZABETH LANE

ALIGNMENT LINE TABLE				
Line #	Length	Direction	Start Point	End Point
L4	836.40	S3° 11' 24.43"E	(13327437.45,283154.96)	(13327484.00,282319.86)
L5	149.62	S39° 00' 17.08"E	(13327534.91,282187.90)	(13327629.08,282071.63)
L6	112.85	N87° 38' 06.28"E	(13327817.30,281986.58)	(13327930.06,281991.24)

ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	CHD. BEARING	CHORD
C3	230.00'	143.77'	35°48'53"	S21°05'51"E	141.44'
C4	230.00'	214.20'	53°21'37"	S65°41'05"E	206.54'

811
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SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
LAYOUT PLAN

DATE
MARCH 1, 2024
05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET (0, 25, 50)

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	13

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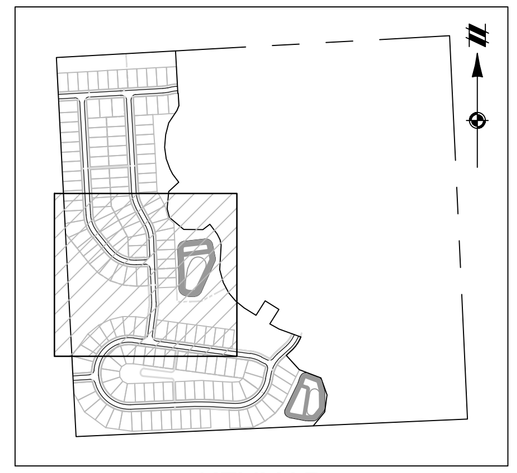
SEE SHEET 13 FOR CONTINUATION



KEYMAP
SCALE: 1" = 750'

LEGEND

- BOUNDARY LINE
- EXIST. EASEMENT
- SECTION LINE
- BOUNDARY/PROPERTY LINE
- EXIST. SETBACK
- EXIST. TREE LINE
- EXIST. CURB AND GUTTER
- EXIST. BUILDING
- EXIST. WETLAND BUFFER
- PROP. SETBACK
- PROP. LOT LINE
- PROP. ROAD CENTERLINE
- PROP. BACK OF CURB
- PROP. WALK
- PROP. ASPH.
- GENERAL COMMON ELEMENT
- PROP. PHASE LINE
- EXIST. WETLAND
- GCE XX AC — GENERAL COMMON ELEMENT
- GARAGE/DRIVEWAY LOCATION INDICATOR

SIGN LEGEND

- (A) W11A-2 PEDESTRIAN CROSSING SIGN
- (B) R1-1 STOP SIGN
- (C) D3-1 STREET NAME SIGN
- (D) 'NO PARKING' FIRE LANE SIGN

ABIGAIL DRIVE

ALIGNMENT LINE TABLE				
Line #	Length	Direction	Start Point	End Point
L1	731.26	N86° 48' 35.57"E	(13327274.84,283145.90)	(13328004.96,283186.59)
L2	20.93	N77° 32' 06.87"E	(13328041.80,283191.65)	(13328062.24,283196.17)
L3	8.52	N86° 47' 29.57"E	(13328099.01,283201.23)	(13328107.52,283201.71)

ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	CHD. BEARING	CHORD
C1	230.00'	37.23'	9°16'29"	N82°10'21"E	37.19'
C2	230.00'	37.16'	9°15'23"	N82°09'48"E	37.12'

ELIZABETH LANE

ALIGNMENT LINE TABLE				
Line #	Length	Direction	Start Point	End Point
L4	836.40	S3° 11' 24.43"E	(13327437.45,283154.96)	(13327484.00,282319.86)
L5	149.62	S39° 00' 17.08"E	(13327534.91,282187.90)	(13327629.08,282071.63)
L6	112.85	N87° 38' 06.28"E	(13327817.30,281986.58)	(13327930.06,281991.24)

ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	CHD. BEARING	CHORD
C3	230.00'	143.77'	35°48'53"	S21°05'51"E	141.44'
C4	230.00'	214.20'	53°21'37"	S65°41'05"E	206.54'

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SECTION 33 TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
LAYOUT PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	14

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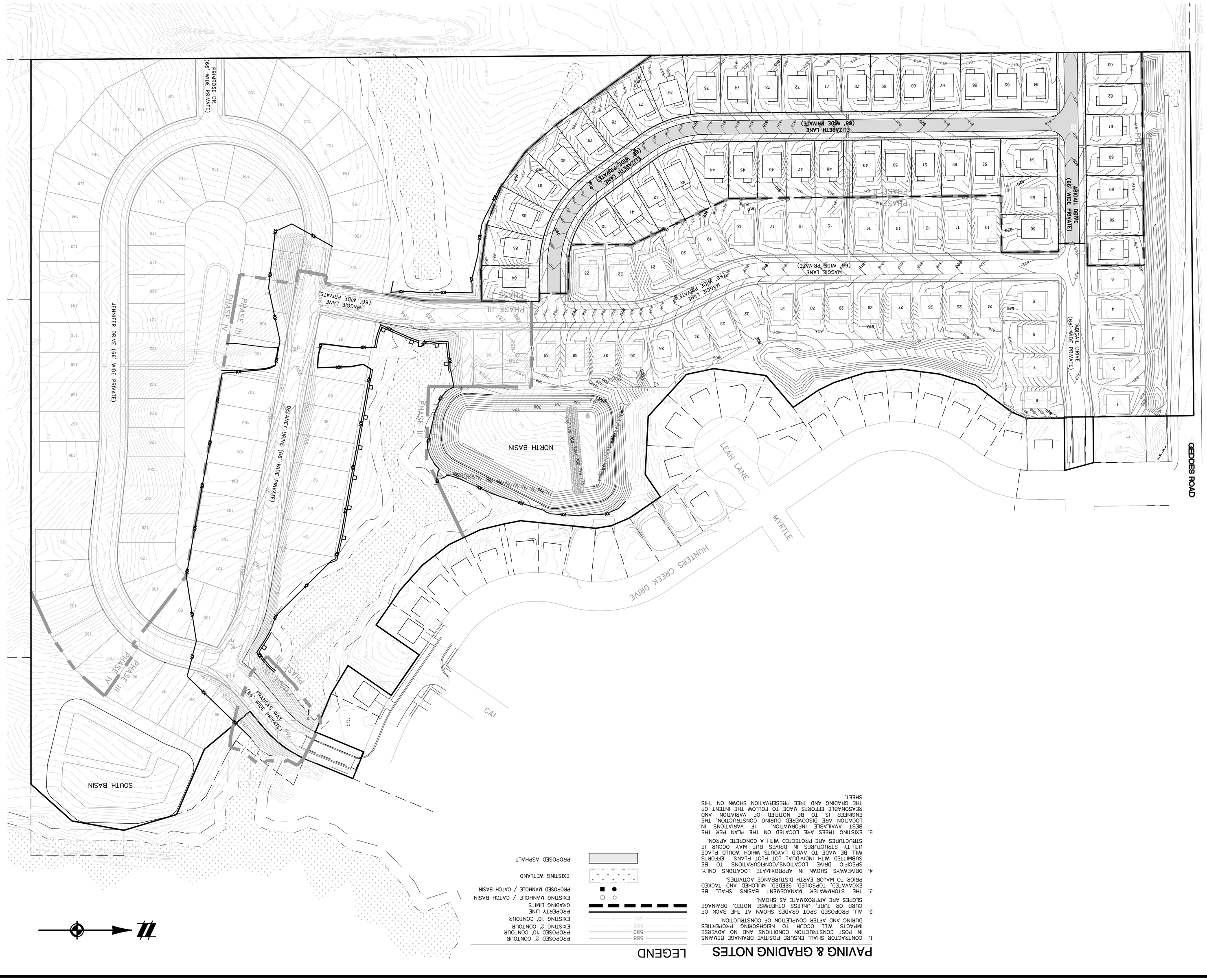

PAVING & GRADING NOTES

1. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE REMAINS IN POST CONSTRUCTION CONDITIONS AND NO ADVERSE IMPACTS WILL OCCUR TO NEIGHBORING PROPERTIES DURING AND AFTER COMPLETION OF CONSTRUCTION.
2. ALL PROPOSED SPOT GRADES SHOWN AT THE BACK OF CURB OR TURF, UNLESS OTHERWISE NOTED. DRAINAGE SLOPES ARE APPROXIMATE AS SHOWN.
3. THE STORMWATER MANAGEMENT BASINS SHALL BE EXCAVATED, TOPSOILED, SEEDED, MULCHED AND TACKED PRIOR TO MAJOR EARTH DISTURBANCE ACTIVITIES.
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LEGEND

- PROPOSED ASPHALT
- EXISTING WETLAND
- PROPOSED MANHOLE / CATCH BASIN
- EXISTING MANHOLE / CATCH BASIN
- GRADING LIMITS
- PROPERTY LINE
- EXISTING 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- EXISTING 2' CONTOUR

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OVERALL GRADING PLAN

DATE
MARCH 1, 2024

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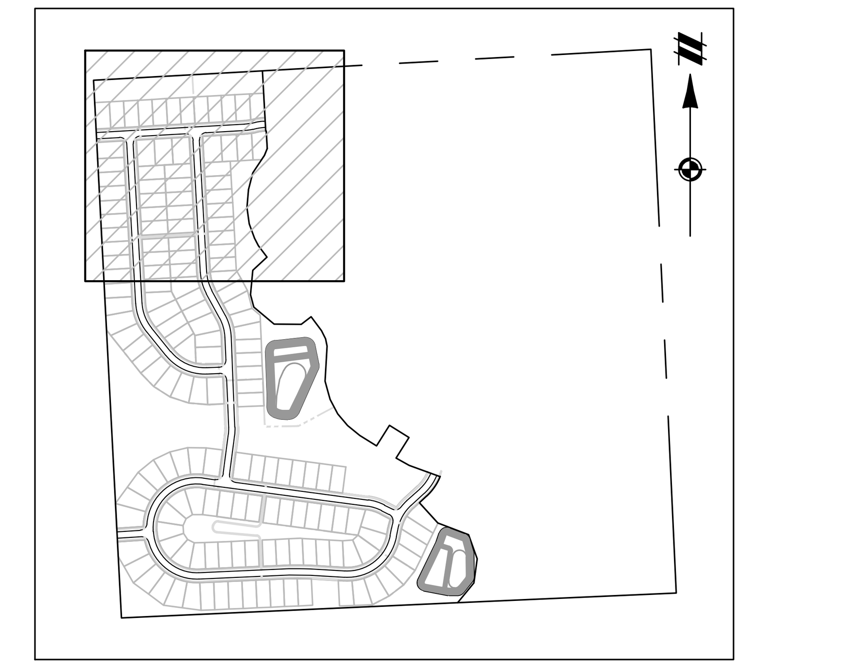
REVISIONS

SCALE: 1" = 100 FEET
0 50 100

DR.	SK	CH.	SS
P.M.	MB		

BOOK --
JOB 16000819
SHEET NO. 17



KEYMAP

SCALE: 1" = 750'

LEGEND

588	PROPOSED 1' CONTOUR
590	PROPOSED 5' CONTOUR
588	EXISTING 1' CONTOUR
590	EXISTING 5' CONTOUR
	PROPERTY LINE
	GRADING LIMITS
	EXISTING MANHOLE / CATCH BASIN
	PROPOSED MANHOLE / CATCH BASIN
	EXISTING HYDRANT
	PROPOSED HYDRANT
	EXISTING GATE VALVE & WELL
	PROPOSED GATE VALVE & WELL
	EXISTING WATER MAIN MANHOLE
	PROPOSED SANITARY SEWER MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WETLAND
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	PROPOSED EMERGENCY OVERFLOW ROUTE

SPOT GRADE DESIGNATIONS
FG = FINISH GRADE
DBL = DROP BRICK LEDGE
GV = GARDEN VIEW
DLV = DAYLIGHT VIEW
WO = WALKOUT
RIM = RIM GRADE/FLOW LINE
HP = HIGH POINT
TC = TOP OF CURB
TW = TOP OF WALK
T/WALL = TOP OF WALL
B/WALL = BOTTOM OF WALL

PAVING & GRADING NOTES

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SEE SHEET 17 FOR CONTINUATION

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SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN - PHASE 2
GRADING PLAN

DATE
MARCH 1, 2024
05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET (0, 25, 50)

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 16

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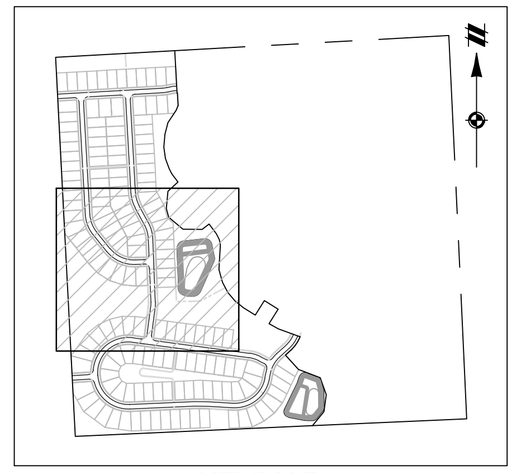
SEE SHEET 16 FOR CONTINUATION



KEYMAP
SCALE: 1" = 750'

LEGEND

- 588 / 590 — PROPOSED 1' CONTOUR / PROPOSED 5' CONTOUR
- EXISTING 1' CONTOUR
- 590 — EXISTING 5' CONTOUR
- PROPERTY LINE
- GRADING LIMITS
- EXISTING MANHOLE / CATCH BASIN
- PROPOSED MANHOLE / CATCH BASIN
- EXISTING HYDRANT
- PROPOSED HYDRANT
- EXISTING GATE VALVE & WELL
- PROPOSED GATE VALVE & WELL
- EXISTING WATER MAIN MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
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PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

GRADING PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR. SK	CH. SS
P.M. MB	
BOOK --	
JOB 16000819	
SHEET NO. 17	

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INITIAL UTILITY BASIS OF DESIGN

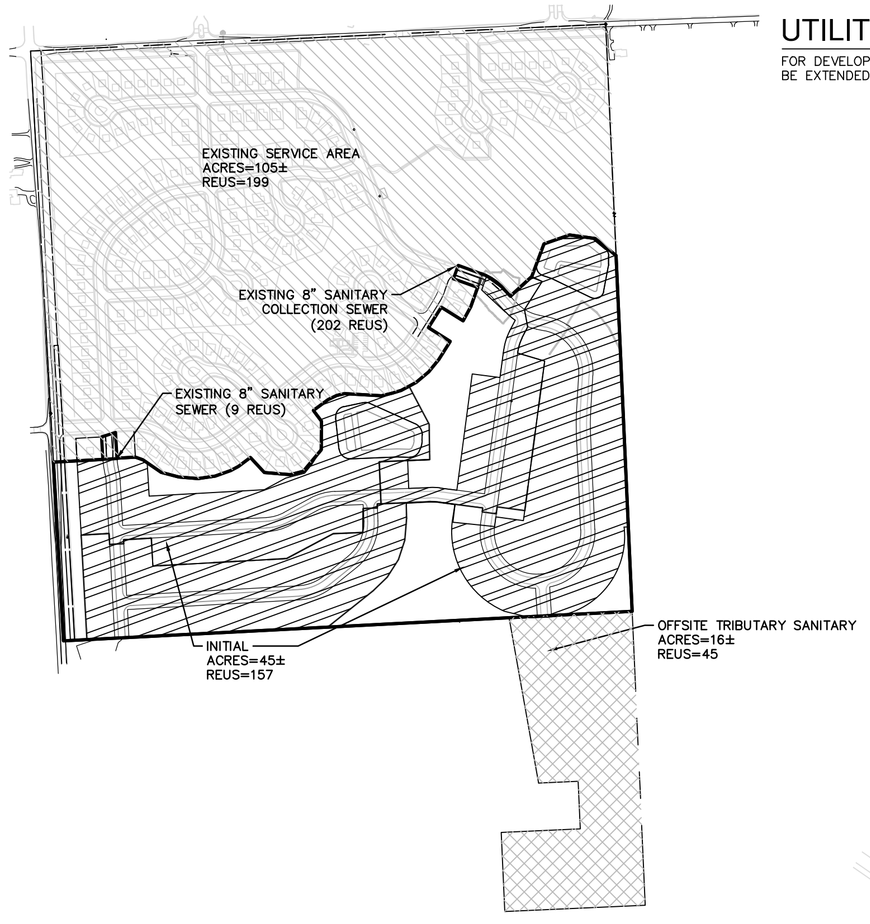
No. of Single Family Lots:			157 Lots
No. of Users per Lot:			3.5 Persons
Total Expected Population Served:			550 Persons
Average Daily Flow (per capita):			100 G.P.D.
Peaking Factor:	$18+\sqrt{(\ POP/1000)}$ / $4+\sqrt{(\ POP/1000)}$ =		3.95
Average Demand:	POP * 100 =		**55,000 G.P.D.**
	=		38.2 G.P.M.
	=		0.085 C.F.S.
Peak Demand:	55,000	* 3.95 =	**217,392 G.P.D.**
	=		151.0 G.P.M.
	=		0.336 C.F.S.

ULTIMATE UTILITY BASIS OF DESIGN

	Prospect Pointe West		157 Lots
	Future Service Area		45 Lots
Total No. of Single Family Lots:			202 Lots
No. of Users per Lot:			3.5 Persons
Total Expected Population Served:			707 Persons
Average Daily Flow (per capita):			100 G.P.D.
Peaking Factor:	$18+\sqrt{(\ POP/1000)}$ / $4+\sqrt{(\ POP/1000)}$ =		3.89
Average Flow:	POP * 100 =		**70,700 G.P.D.**
	=		49.1 G.P.M.
	=		0.109 C.F.S.
Peak Flow:	70,700	* 3.89 =	**275,169 G.P.D.**
	=		191.1 G.P.M.
	=		0.426 C.F.S.
Pipe Capacity:	8 in. diameter		A= 0.349 sf
	0.40% slope		R= 0.167 ft
	0.013 Manning's 'n'		
	Manning's Capacity =		0.766 C.F.S.
	Velocity Flowing Full =		2.20 F.P.S.

NOTES

1. ALL UTILITIES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL COORDINATE SCHEDULING AND PROCEDURES WITH THE AUTHORITY HAVING JURISDICTION PRIOR TO PERFORMING THE PROPOSED CONNECTIONS TO THE EXISTING WATER MAIN.
3. 10' HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS AND SEWERS.
4. A MINIMUM VERTICAL SEPARATION OF 18" SHALL BE MAINTAINED BETWEEN CROSSING UTILITIES, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. ALL PROPOSED STORM SEWER SHALL BE R.C.P. CL-IV UNLESS OTHERWISE NOTED.
6. LOW HEAD (FLAT TOP) STRUCTURES SHALL BE PROVIDED FOR STORM STRUCTURES WITH LESS THAN FOUR FEET OF COVER.
7. ALL PROPOSED WATER MAIN SHALL BE DUCTILE IRON THICKNESS CL-54, AS APPROVED. WATER LEADS SHALL BE 1" TYPE K COPPER, UNLESS OTHERWISE APPROVED. ALL GATE VALVES, EXCEPT HYDRANT SHUTOFFS, SHALL BE INSTALLED IN WELLS.
8. ALL WATERMAIN SHALL BE INSTALLED 5.5' DEEP. NO PIPE WILL BE ALLOWED DEEPER THAN 10' DEEP.
9. ALL SANITARY LEADS SHALL BE 6" PVC SDR 23.5 LAID AT 1% MINIMUM SLOPE.
10. ALL SANITARY SEWER PIPES SHALL BE PVC SDR 26 TO 20 FEET DEPTH AND PVC TRUSS PIPE FOR SANITARY SEWER DEEPER THAN 20 FT FROM FINISHED GRADE.
11. SANITARY SEWERS LOCATED OUTSIDE OF THE ROAD RIGHT OF WAY SHALL BE LOCATED WITHIN A 20' WIDE EASEMENT.
12. THE MINIMUM COVER OVER SANITARY SEWER IS 4'.
13. TRAFFIC CONTROL TO BE PROVIDED IN ACCORDANCE WITH THE MMUTCD & COUNTY ROAD COMMISSION.
14. M.D.O.T CLASS II SAND BACKFILL IS REQUIRED FOR ALL UTILITY BACKFILL UNDER OR WITHIN A 1:1 INFLUENCE OF PROPOSED PAVEMENT.
15. WATER MAIN STRUCTURES (GATE WELLS, CURB STOPS, ETC.) MAY NOT BE PLACED WITHIN ANY PAVED SURFACE INCLUDING ROADS, DRIVEWAYS, AND SIDEWALKS.
16. SANITARY SEWER STRUCTURES MAY NOT BE PLACED WITHIN ANY PAVED SURFACE INCLUDING ROADS, DRIVEWAYS, AND SIDEWALKS.
17. ALL STORM SEWER SHALL BE PLACED IN 20' WIDE DRAINAGE EASEMENTS. ALL STORM SEWER PIPES SHALL BE C-76 CLASS IV UNLESS OTHERWISE NOTED.
18. WATER SERVICE TAPS AND LEAD INSTALLATION SHALL OCCUR AFTER WATERMAIN TESTING.
19. SEE SHEETS 19 THROUGH 20 FOR UTILITY EASEMENTS.



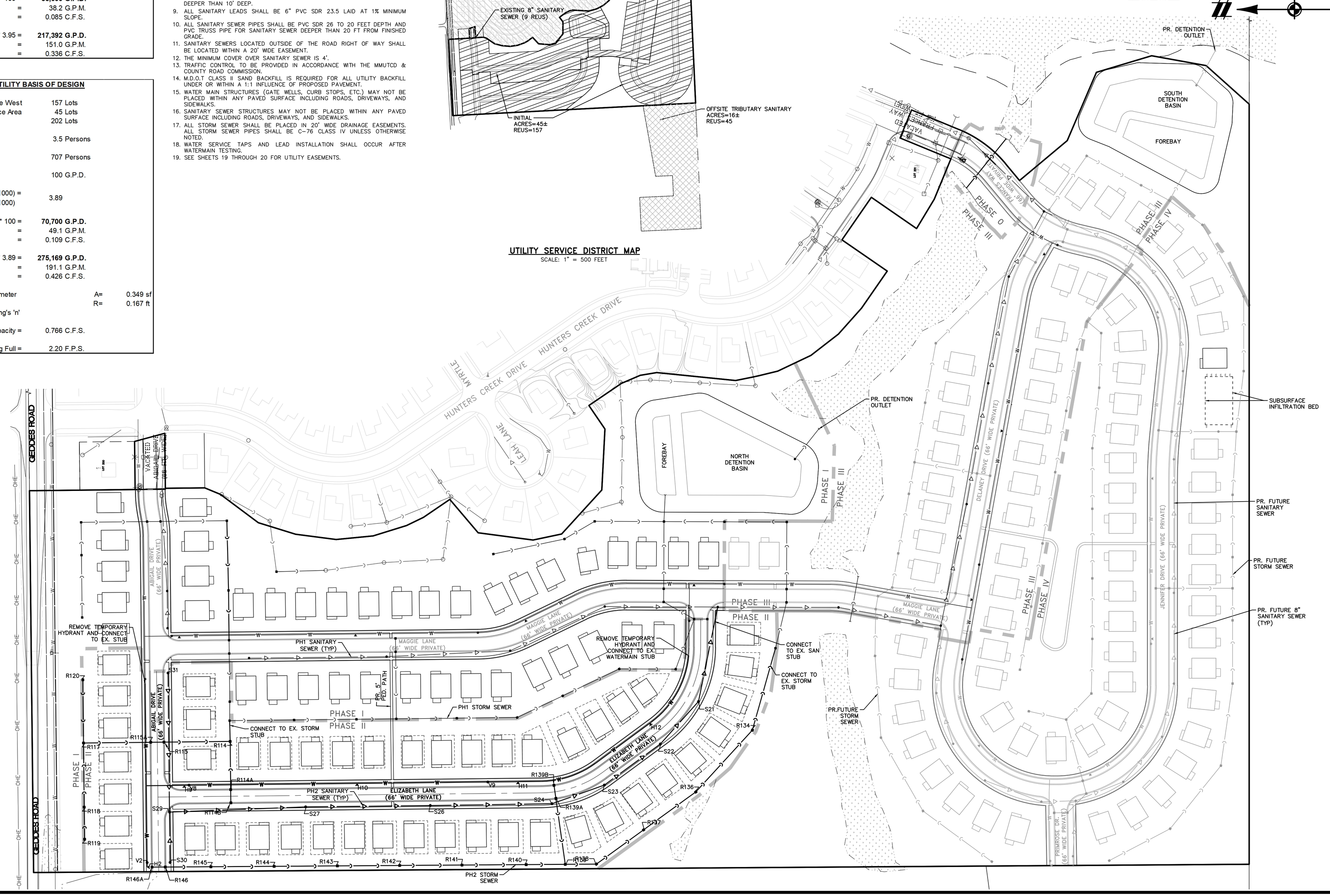
UTILITY SERVICE DISTRICT MAP
SCALE: 1" = 500 FEET

UTILITY NARRATIVE

FOR DEVELOPMENT OF PHASE 2, ALL UTILITIES NEEDED TO SERVICE LOTS 40-84 SHALL BE EXTENDED FROM THE PHASE 1 STUBS.

LEGEND

- PROPERTY LINE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING MANHOLE/CATCH BASIN/END SECTION
- PROPOSED MANHOLE/CATCH BASIN/END SECTION
- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- EXISTING HYDRANT
- PROPOSED HYDRANT
- EXISTING GATE VALVE & WELL
- PROPOSED GATE VALVE & WELL
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED EASEMENT
- EXISTING WETLAND



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0 50 100
SCALE: 1" = 100 FEET

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SHEET NO. 18	

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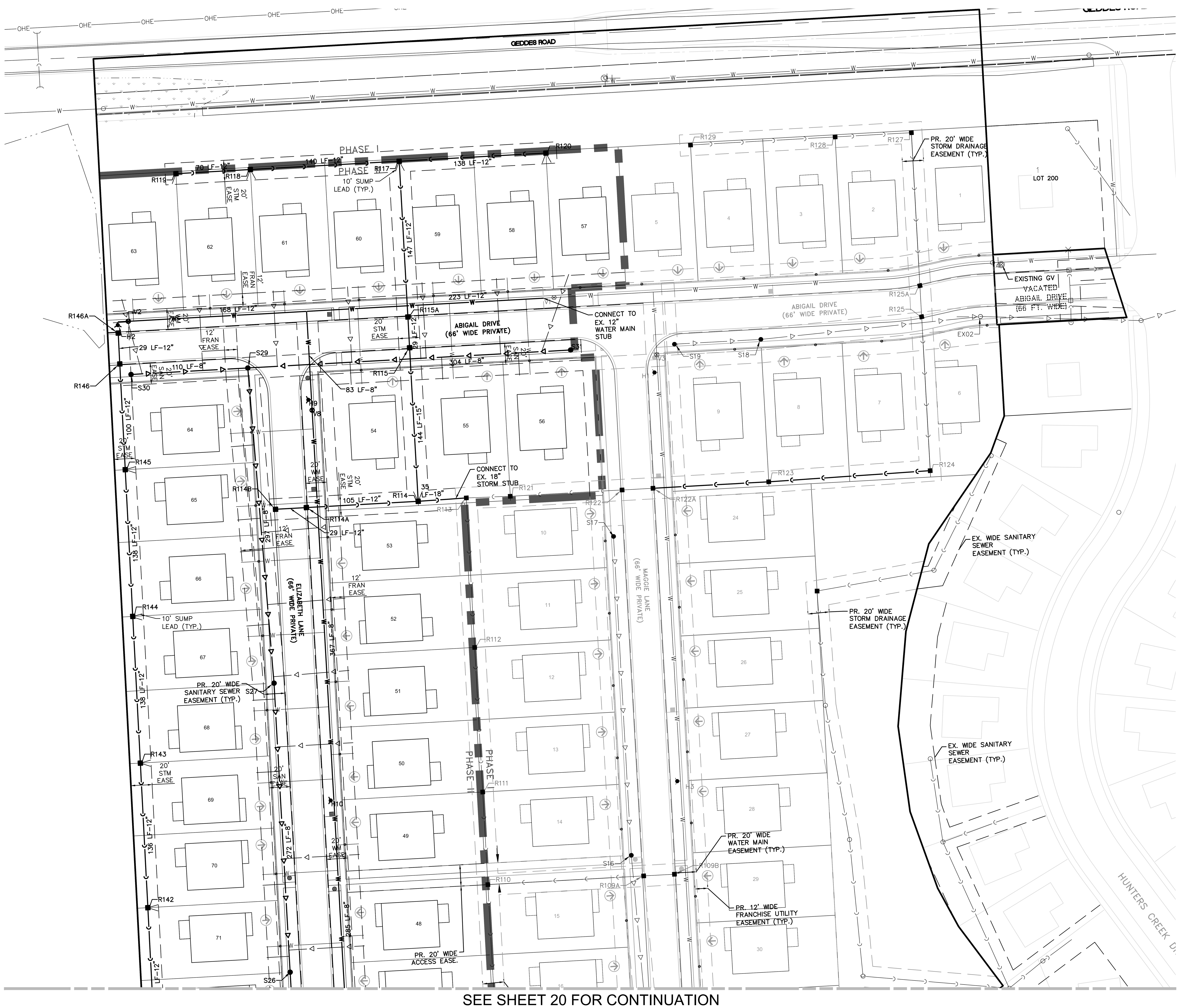

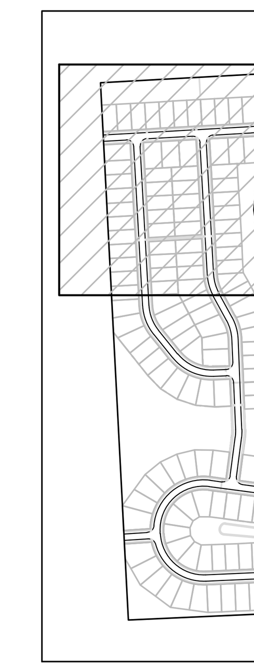

KEYMAP

SCALE: 1" = 750'

LEGEND

	PROPERTY LINE
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING MANHOLE/CATCH BASIN/END SECTION
	PROPOSED MANHOLE/CATCH BASIN/END SECTION
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	EXISTING HYDRANT
	PROPOSED HYDRANT
	EXISTING GATE VALVE & WELL
	PROPOSED GATE VALVE & WELL
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED EASEMENT
	EXISTING WETLAND

NOTES

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3. 10' HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS AND SEWERS.
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6. LOW HEAD (FLAT TOP) STRUCTURES SHALL BE PROVIDED FOR STORM STRUCTURES WITH LESS THAN FOUR FEET OF COVER.
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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
UTILITY PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR.	SK	CH.	SS
P.M.	MB		
BOOK	--		
JOB	16000819		
SHEET NO.	19		

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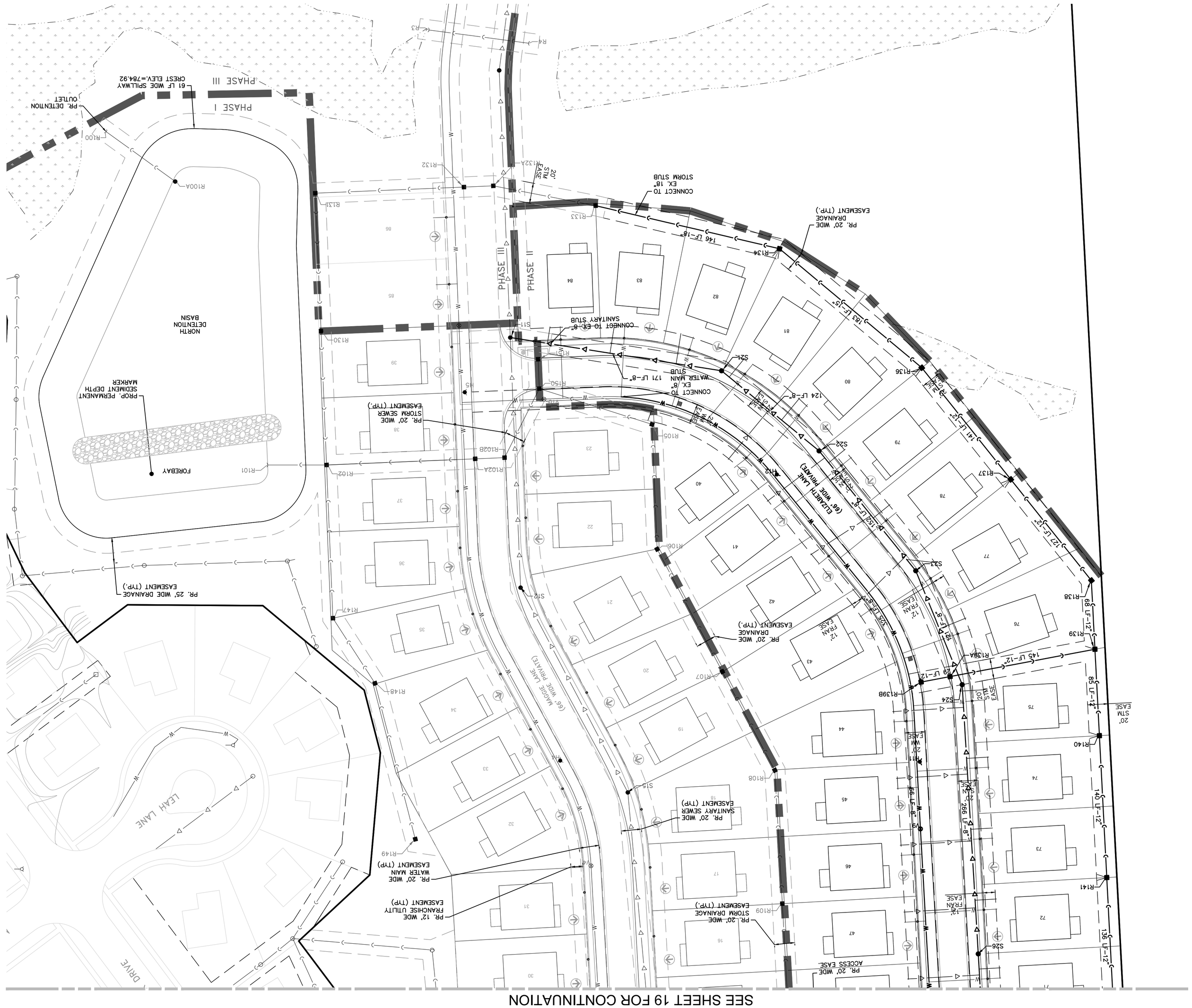

KEYMAP

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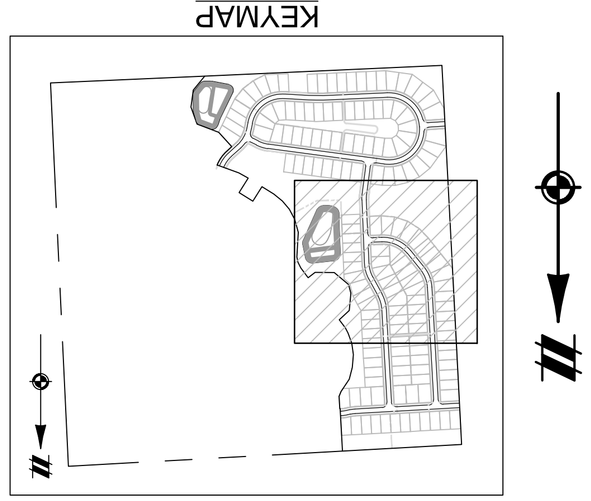

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CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

UTILITY PLAN

DATE
MARCH 1, 2024

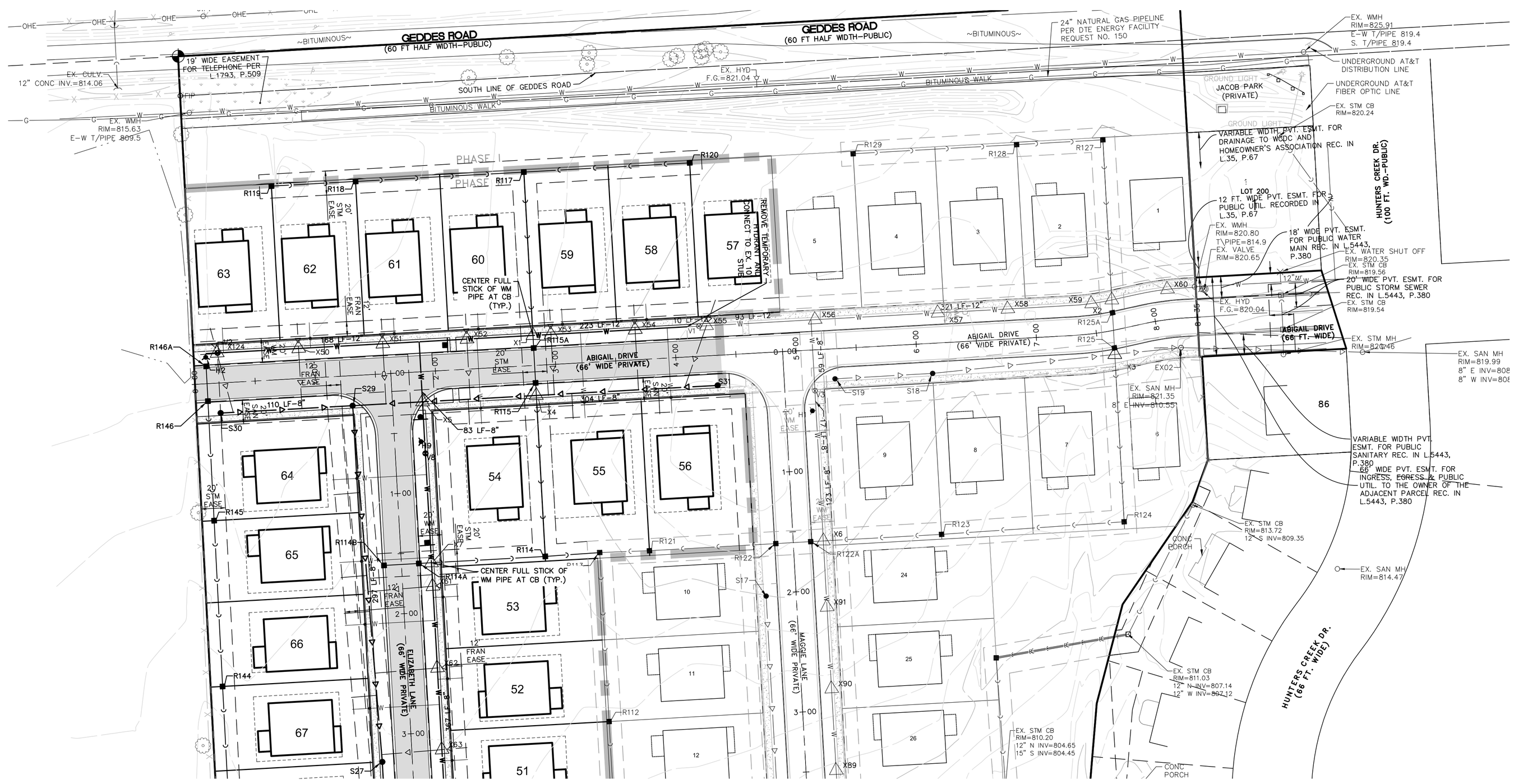
REVISIONS
05-20-2024 PER TWP

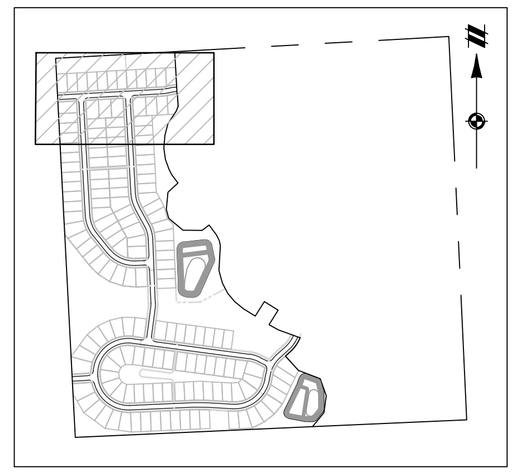
SCALE: 1" = 50 FEET
0 25 50

DR. SK	CH. SS
P.M. MB	
BOOK --	
JOB 160008019	
SHEET NO. 20	

WASHTENAW COUNTY, MICHIGAN

SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP





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SCALE: 1" = 750'

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- PROPOSED SANITARY SEWER MANHOLE
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- EXISTING WETLAND
- PROPOSED ASPHALT
- PROPOSED CONCRETE
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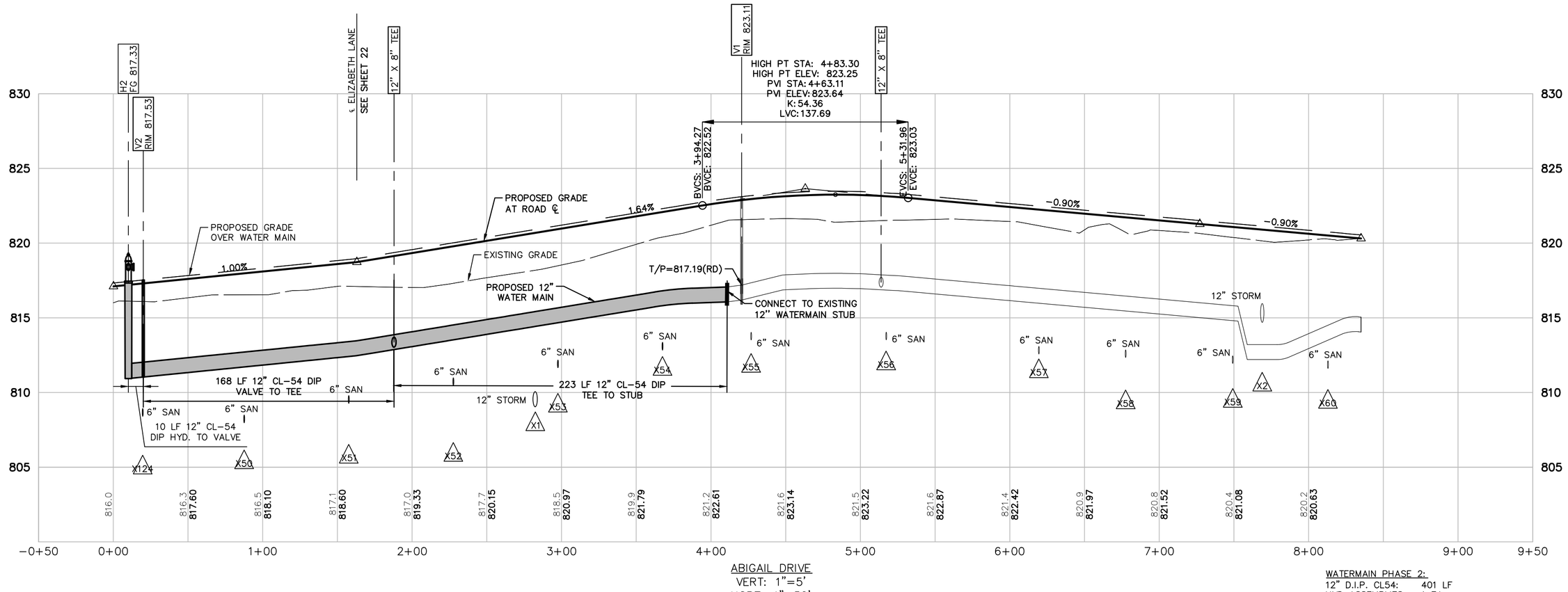

ABIGAIL DRIVE
VERT: 1"=5'
HORZ: 1"=50'

WATERMAIN PHASE 2:
12" D.I.P. CL54: 401 LF
HYD ASSEMBLIES: 1 EA
12" VALVE: 1 EA

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PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
ABIGAIL DRIVE PLAN & PROFILE

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	21

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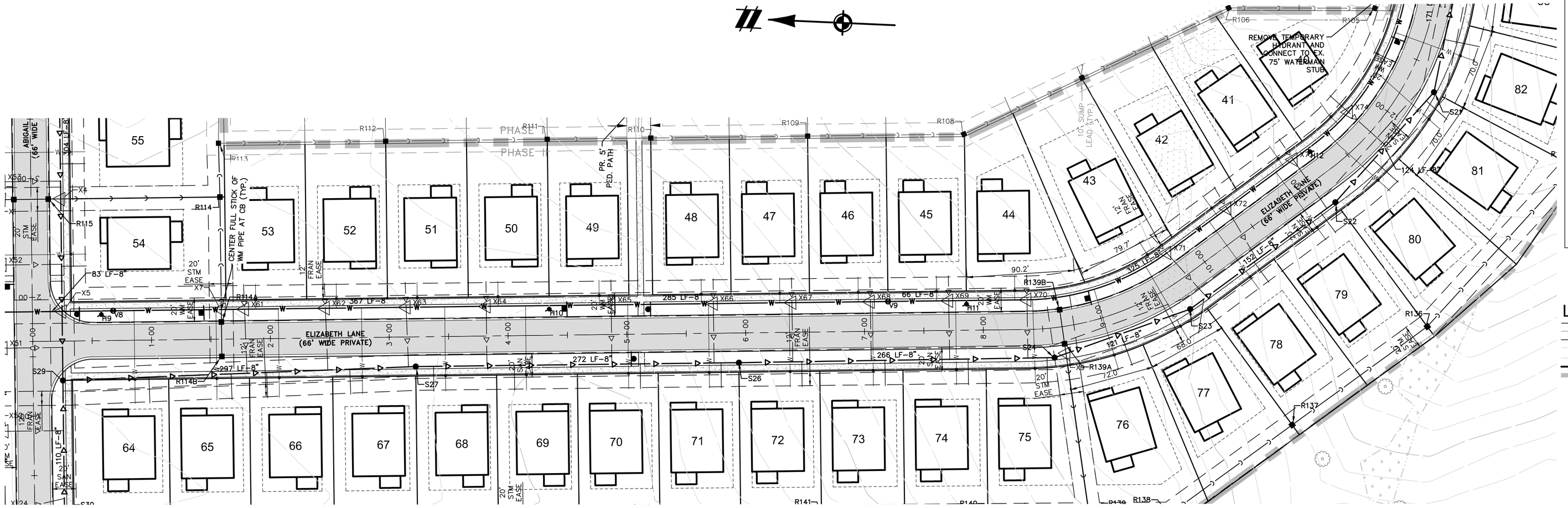

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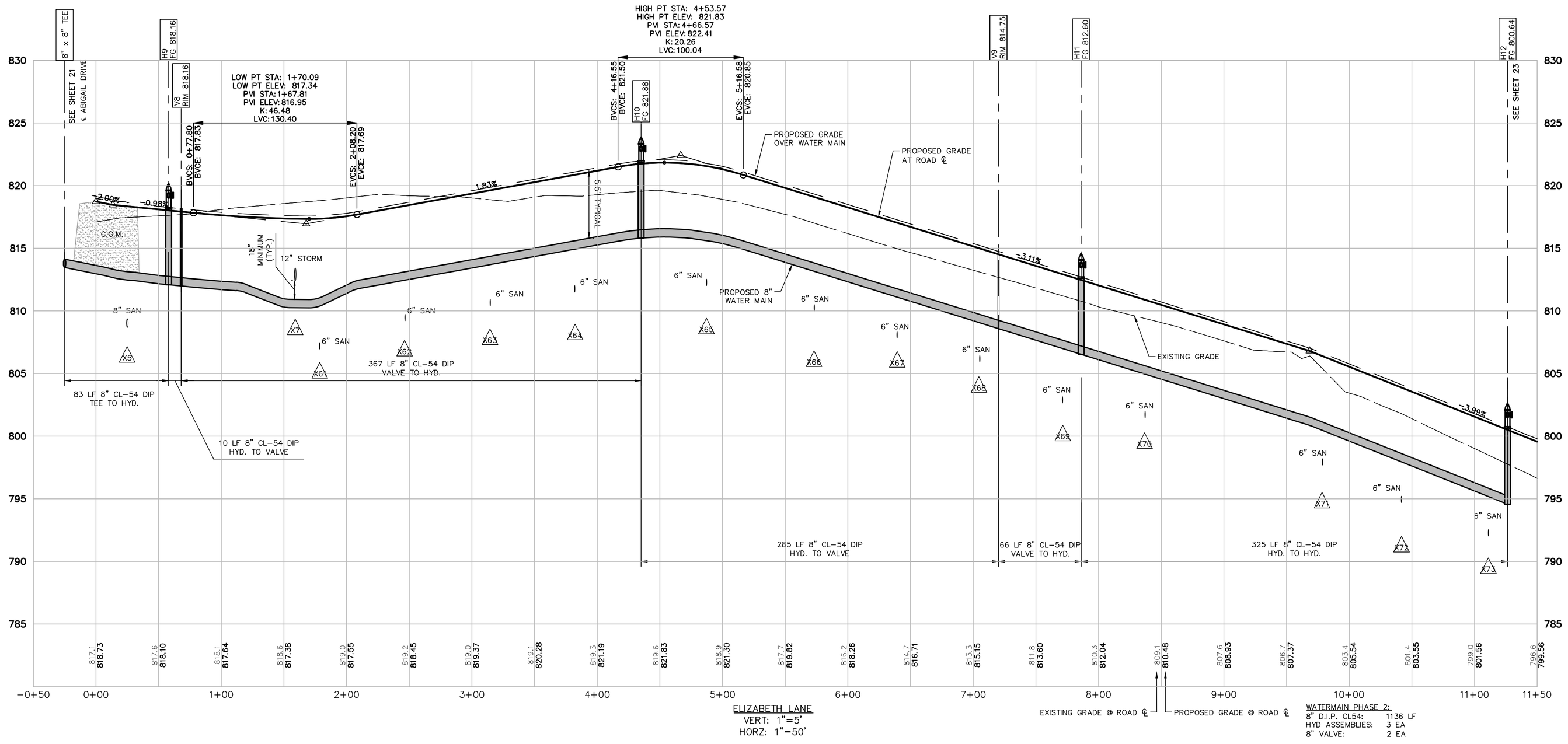

ELIZABETH LANE
VERT: 1"=5'
HORZ: 1"=50'

EXISTING GRADE @ ROAD ℄ — PROPOSED GRADE @ ROAD ℄

WATERMAIN PHASE 2:
8" D.I.P. CL54: 1136 LF
HYD ASSEMBLIES: 3 EA
8" VALVE: 2 EA

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SEE SHEET 33 FOR UTILITY CROSSING TABLE

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CLIENT: SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
ELIZABETH LANE PLAN & PROFILE 1

DATE
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05-20-2024 PER TWP

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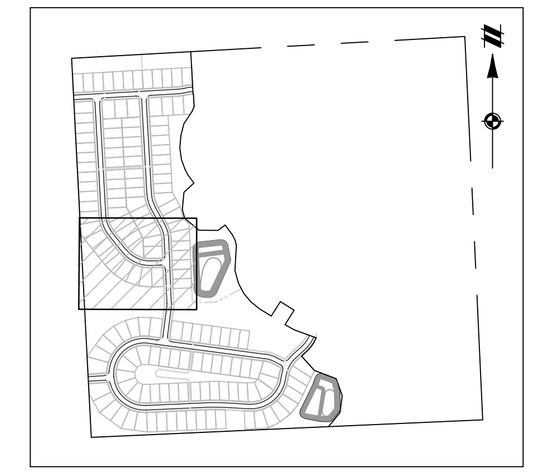

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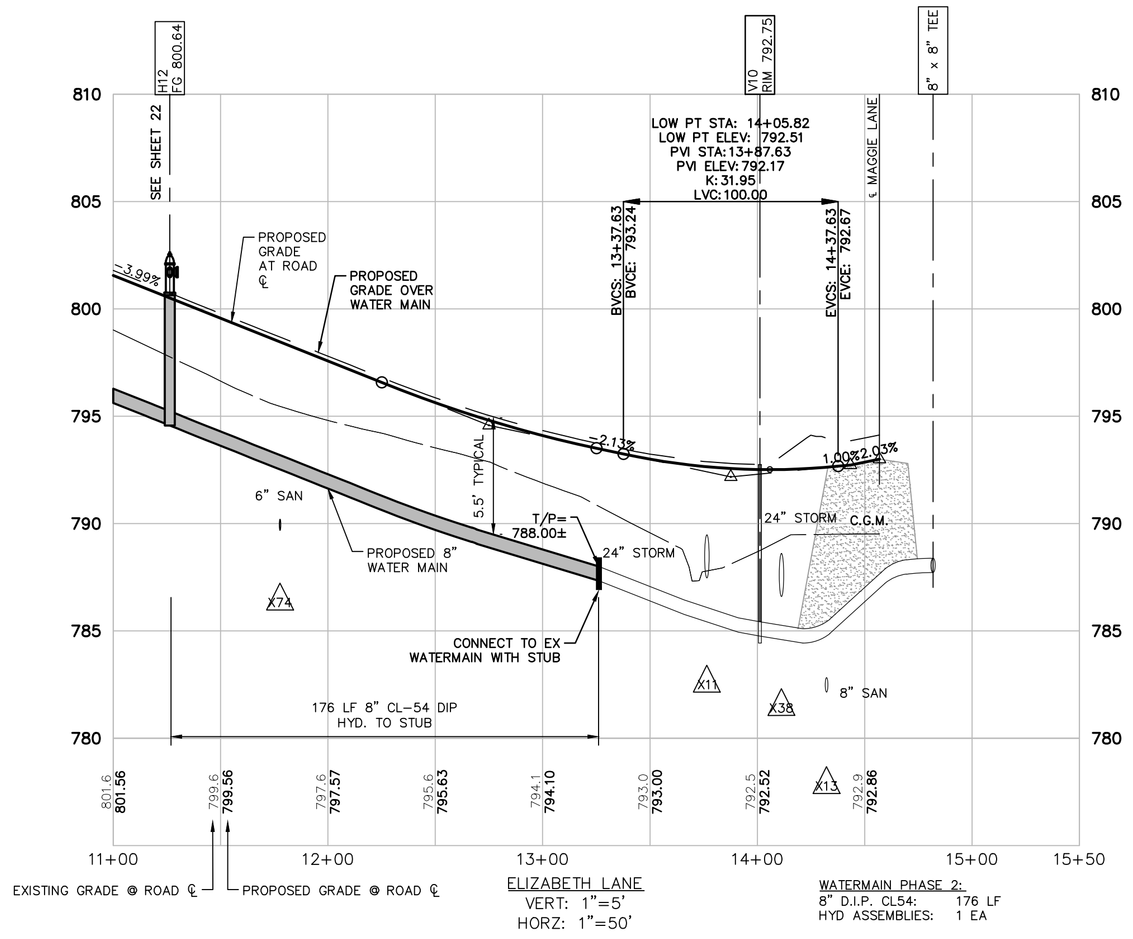

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SECTION 33 TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

ELIZABETH LANE PLAN & PROFILE 2

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 23

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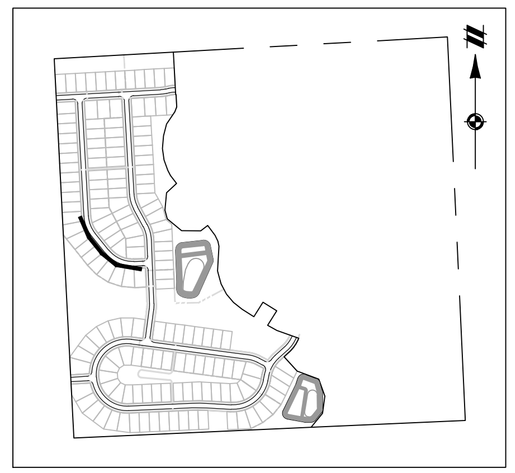

KEYMAP
SCALE: 1" = 750'

SANITARY LEAD TABLE

Lot No.	Size	Sta	Riser	Length	Invert	F.G.
L 83	6" SDR 23.5	STA 0+99	0.0' RISER	29 LF	784.00	795.00
L 82	6" SDR 23.5	STA 1+65	0.0' RISER	30 LF	786.20	797.20
L 81	6" SDR 23.5	STA 0+10	0.0' RISER	24 LF	788.40	799.40
L 40	6" SDR 23.5	STA 0+61	0.0' RISER	63 LF	790.05	801.00
L 80	6" SDR 23.5	STA 1+84	4.5' RISER	19 LF	780.80	791.80
L 41	6" SDR 23.5	STA 0+09	0.0' RISER	71 LF	792.60	803.60
L 79	6" SDR 23.5	STA 0+15	1.0' RISER	21 LF	793.40	804.40
L 42	6" SDR 23.5	STA 0+82	0.0' RISER	71 LF	795.60	806.60
L 78	6" SDR 23.5	STA 0+85	1.5' RISER	21 LF	796.20	807.20
L 43	6" SDR 23.5	STA 1+34	0.0' RISER	71 LF	798.30	809.30
L 77	6" SDR 23.5	STA 1+37	2.0' RISER	29 LF	798.60	809.60
L 76	6" SDR 23.5	STA 0+62	1.0' RISER	28 LF	800.25	811.25

SEE SHEET 33 FOR UTILITY CROSSING TABLE

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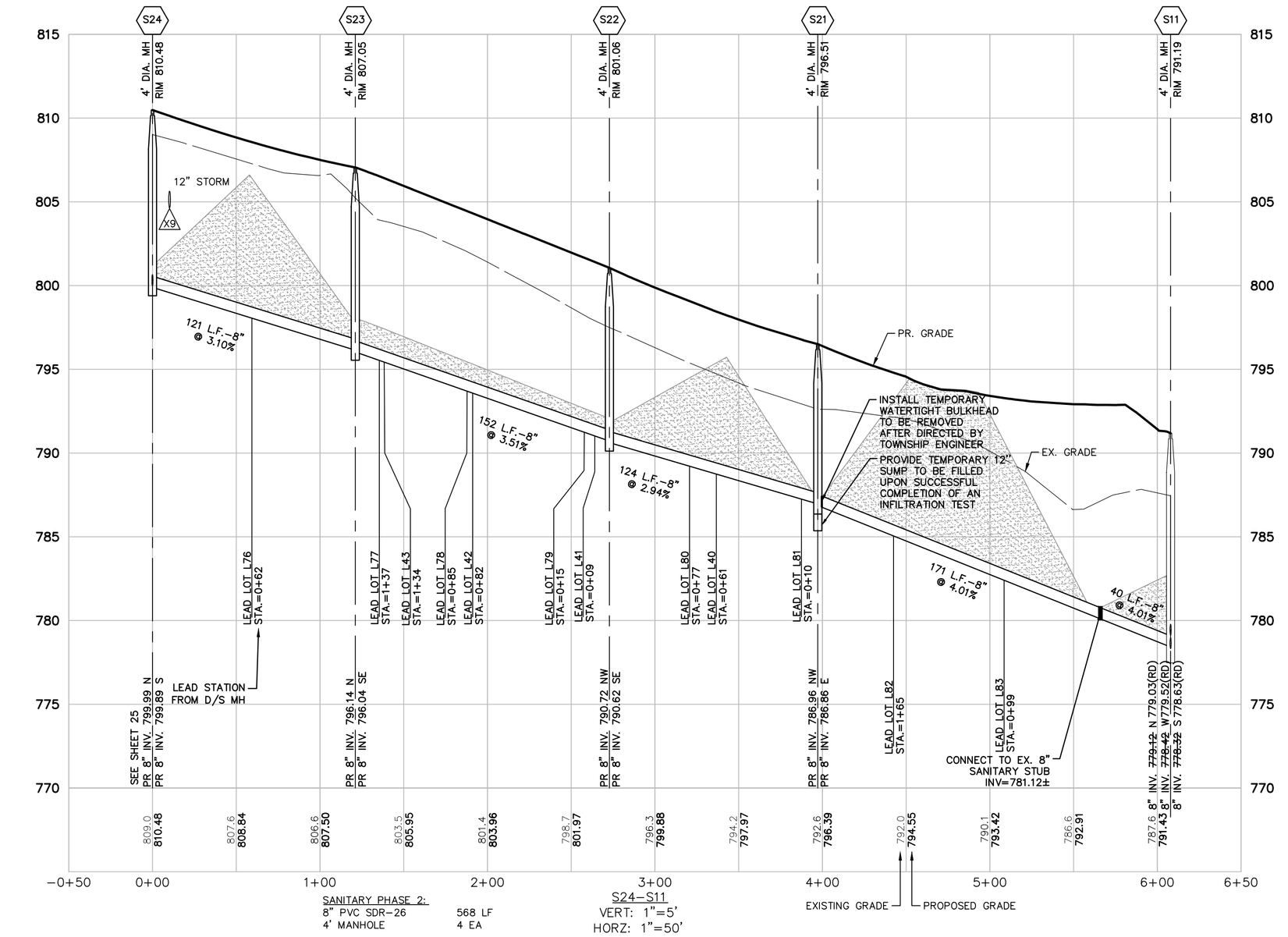

811
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WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

SANITARY PLAN & PROFILE 1

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET

DR. SK	CH. SS
P.M. MB	
BOOK --	
JOB 16000819	
SHEET NO. 24	

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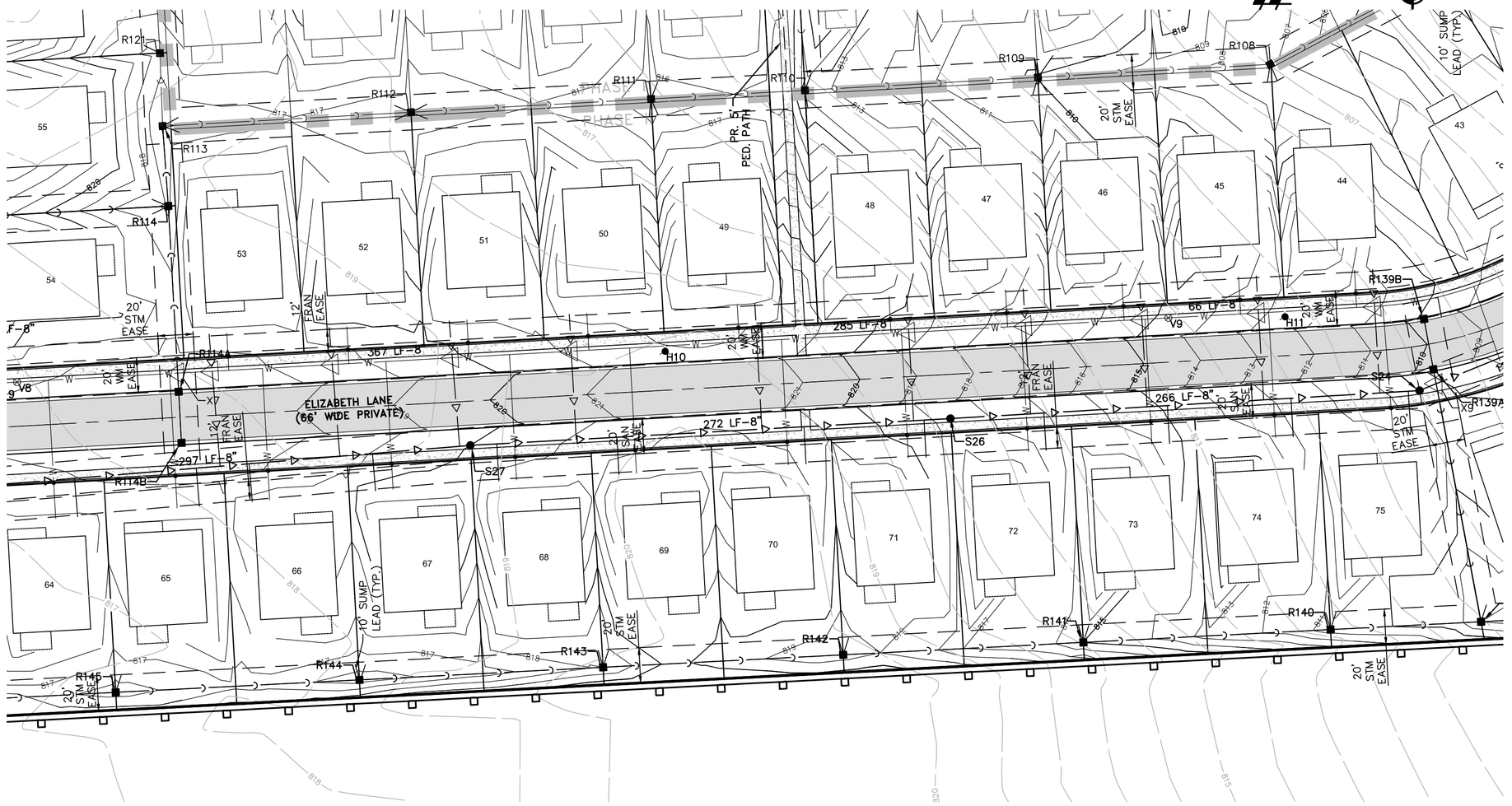

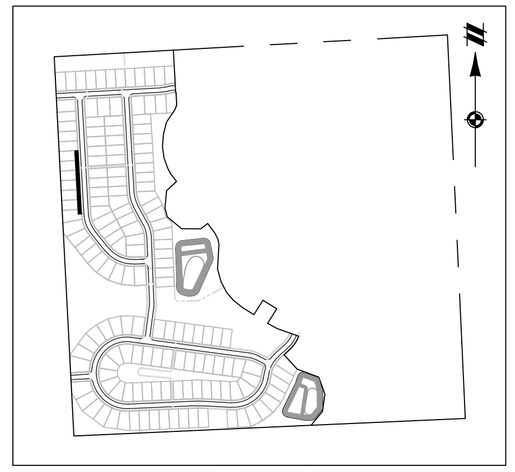

KEYMAP
SCALE: 1" = 750'

SANITARY LEAD TABLE

Lot No.	Size	Sta	Riser	Length	Invert	F.G.
L 75	6" SDR 23.5	STA 0+06	1.0' RISER	22 LF	802.00	813.00
L 44	6" SDR 23.5	STA 0+22	0.0' RISER	70 LF	802.50	813.50
L 74	6" SDR 23.5	STA 0+73	2.0' RISER	22 LF	804.10	815.10
L 45	6" SDR 23.5	STA 0+88	0.0' RISER	70 LF	804.50	815.50
L 73	6" SDR 23.5	STA 1+43	3.5' RISER	21 LF	806.30	817.30
L 46	6" SDR 23.5	STA 1+54	3.0' RISER	71 LF	806.50	817.50
L 72	6" SDR 23.5	STA 2+13	4.5' RISER	21 LF	808.50	819.50
L 47	6" SDR 23.5	STA 2+20	4.0' RISER	71 LF	808.60	819.60
L 71	6" SDR 23.5	STA 0+15	6.0' RISER	21 LF	810.50	821.50
L 48	6" SDR 23.5	STA 0+21	5.5' RISER	71 LF	810.50	821.50
L 70	6" SDR 23.5	STA 0+83	7.5' RISER	21 LF	812.50	823.50
L 49	6" SDR 23.5	STA 1+07	7.0' RISER	71 LF	812.80	823.80
L 69	6" SDR 23.5	STA 1+89	7.0' RISER	21 LF	812.60	823.60
L 50	6" SDR 23.5	STA 2+12	6.0' RISER	71 LF	812.15	823.15
L 68	6" SDR 23.5	STA 2+57	5.5' RISER	21 LF	811.45	822.45

SEE SHEET 33 FOR UTILITY CROSSING TABLE

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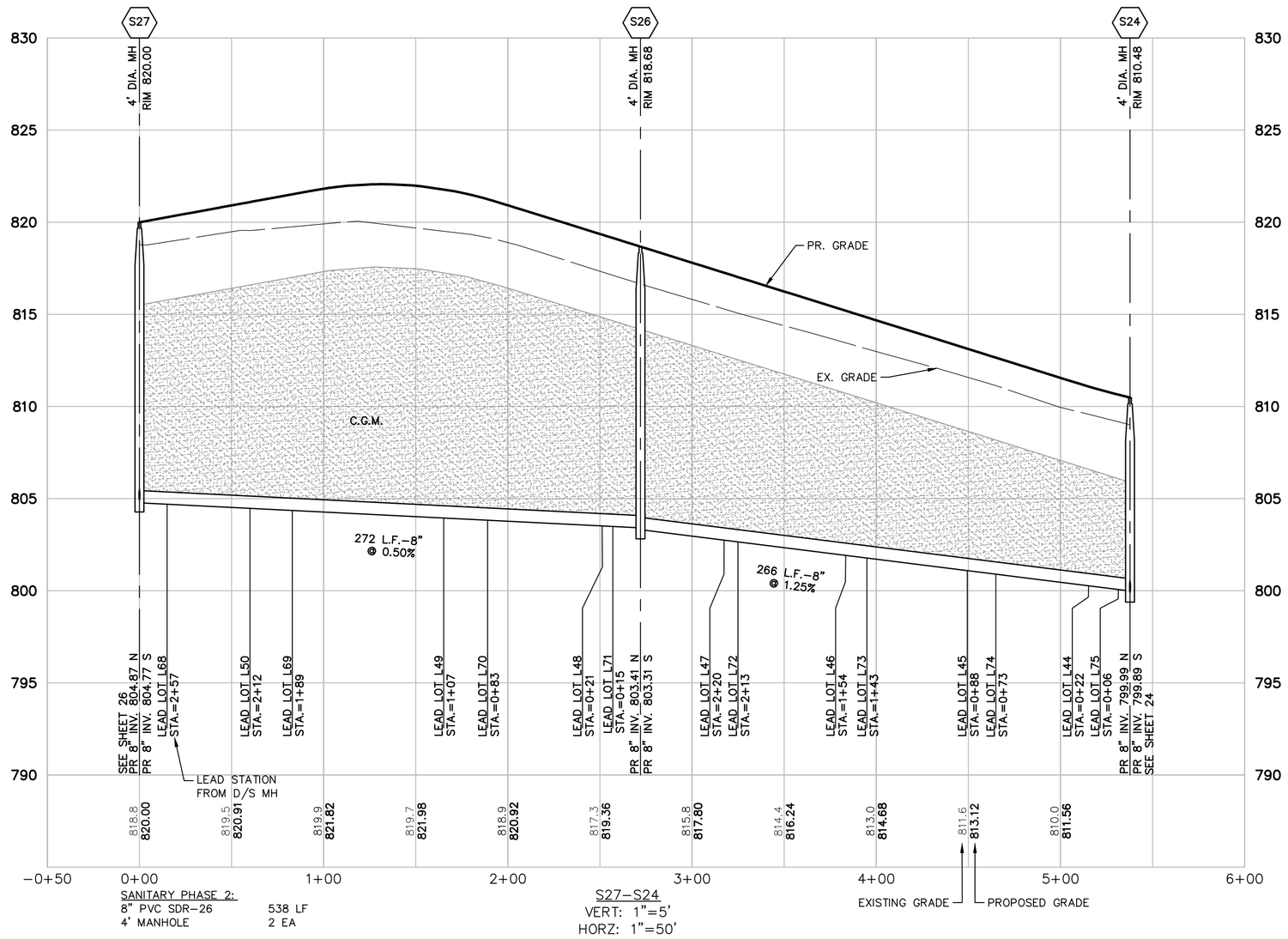

SANITARY PHASE 2:
8" PVC SDR-26 538 LF
4' MANHOLE 2 EA

S27-S24
VERT: 1"=5'
HORZ: 1"=50'

811
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CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

SANITARY PLAN & PROFILE 2

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR.	SK
CH.	SS
P.M.	MB
BOOK	--
JOB	16000819
SHEET NO.	25

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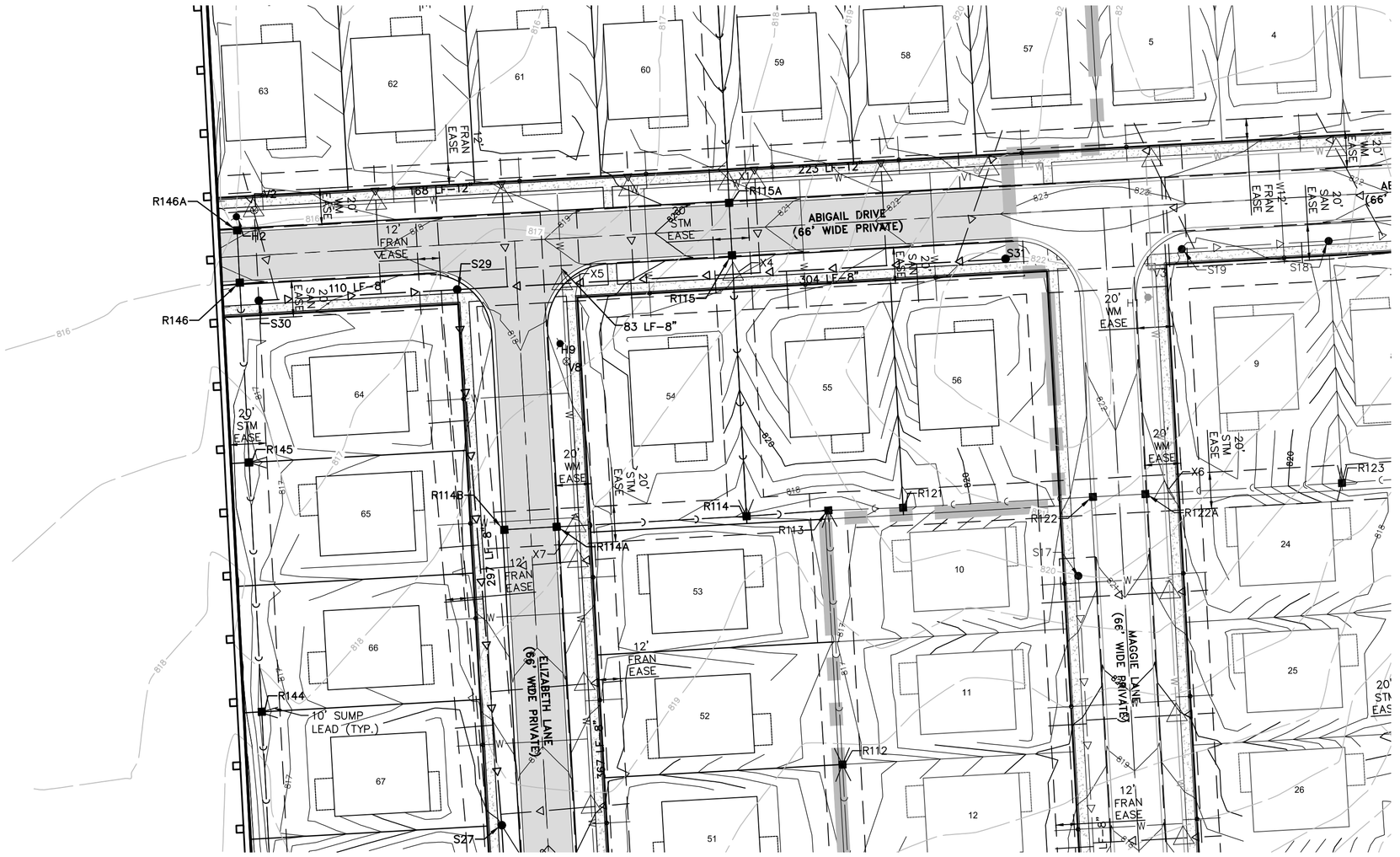

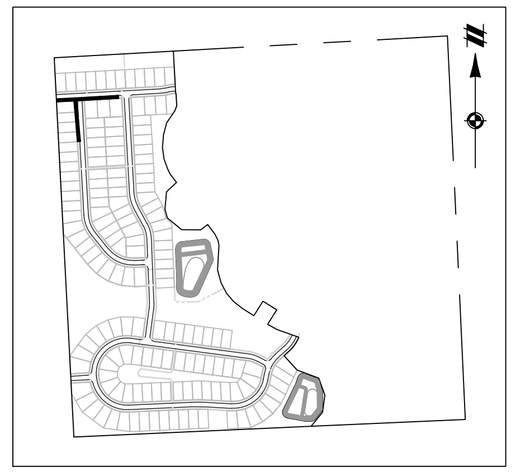

KEYMAP
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SANITARY LEAD TABLE

Lot No.	Size	Sta	Riser	Length	Invert	F.G.
L 51	6" SDR 23.5	STA 0+06	4.5' RISER	71 LF	811.00	822.00
L 67	6" SDR 23.5	STA 0+56	4.0' RISER	21 LF	810.25	821.25
L 52	6" SDR 23.5	STA 0+74	3.0' RISER	73 LF	809.75	820.75
L 66	6" SDR 23.5	STA 1+26	2.5' RISER	21 LF	808.90	819.90
L 53	6" SDR 23.5	STA 1+42	0.0' RISER	75 LF	808.55	819.55
L 65	6" SDR 23.5	STA 1+56	1.0' RISER	22 LF	808.00	819.00
L 64	6" SDR 23.5	STA 2+25	1.0' RISER	22 LF	808.30	819.30
L 62	6" SDR 23.5	STA 0+42	0.0' RISER	71 LF	808.80	819.80
L 63	6" SDR 23.5	STA 0+99	0.0' RISER	73 LF	808.85	819.25
L 61	6" SDR 23.5	STA 0+28	0.0' RISER	71 LF	809.71	820.40
L 54	6" SDR 23.5	STA 0+96	0.0' RISER	21 LF	811.10	822.10
L 60	6" SDR 23.5	STA 0+98	0.0' RISER	71 LF	810.90	821.70
L 59	6" SDR 23.5	STA 1+68	0.0' RISER	71 LF	812.09	823.00
L 55	6" SDR 23.5	STA 1+82	0.0' RISER	21 LF	812.55	823.55
L 58	6" SDR 23.5	STA 2+38	0.0' RISER	71 LF	813.30	824.30
L 56	6" SDR 23.5	STA 2+54	0.0' RISER	21 LF	813.50	824.50
L 57	6" SDR 23.5	STA 2+76	0.0' RISER	77 LF	814.00	825.00

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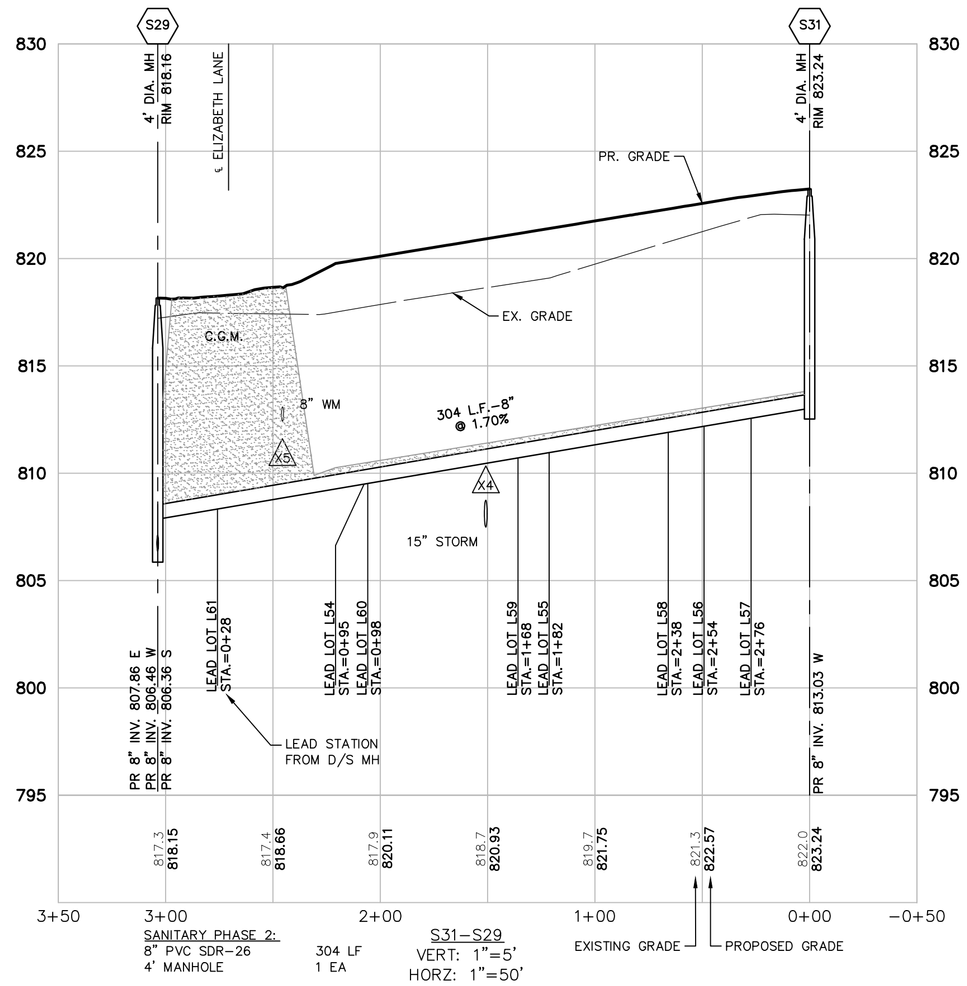

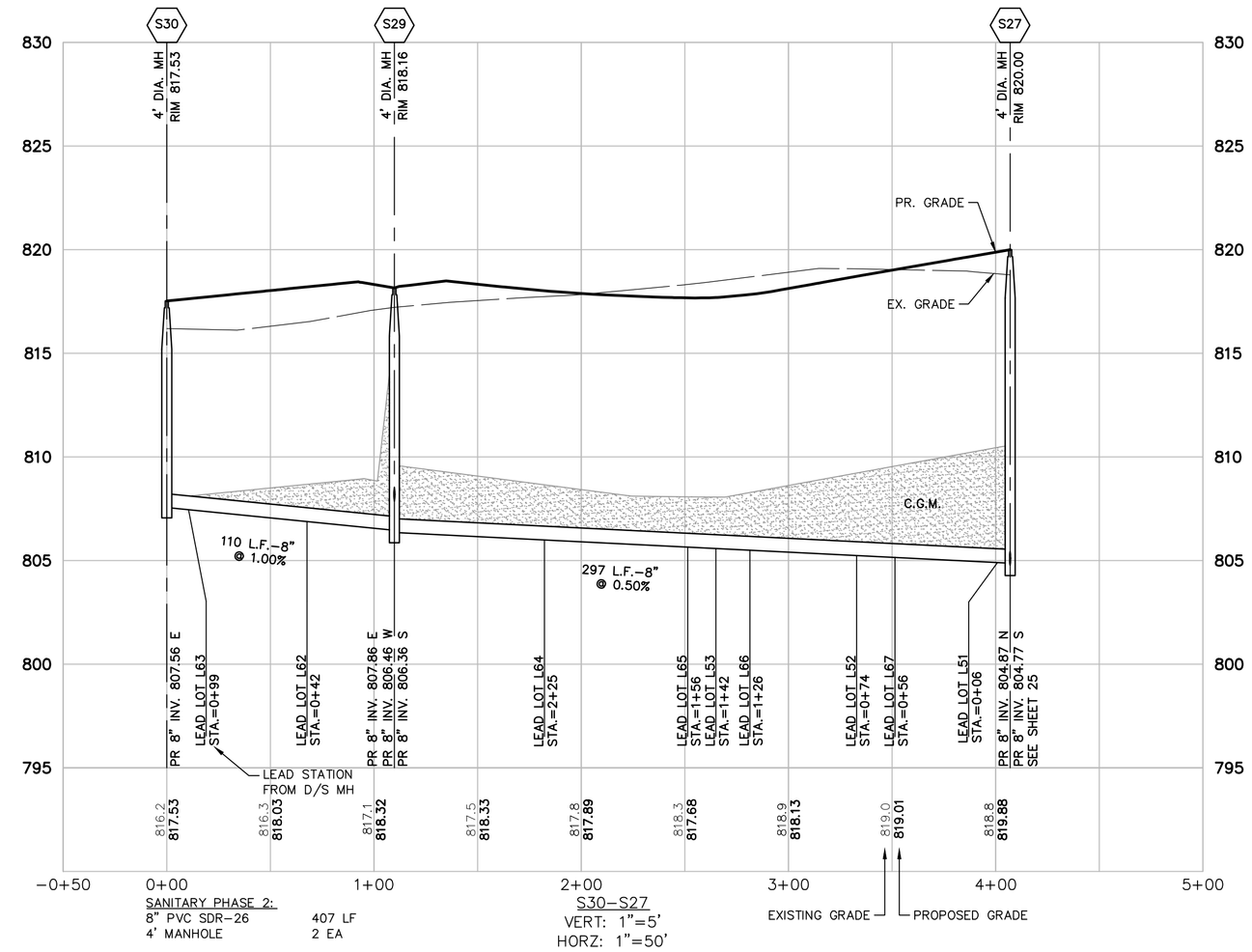

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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

SANITARY PLAN & PROFILE 3

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 25 50
SCALE: 1" = 50 FEET

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO.
26

A:\16000819\CAD\PLAN SETS\SITE - FINAL PHASE 2\16000819SP3-27-SPWC 5/20/2024 4:49 PM STEVE SELS

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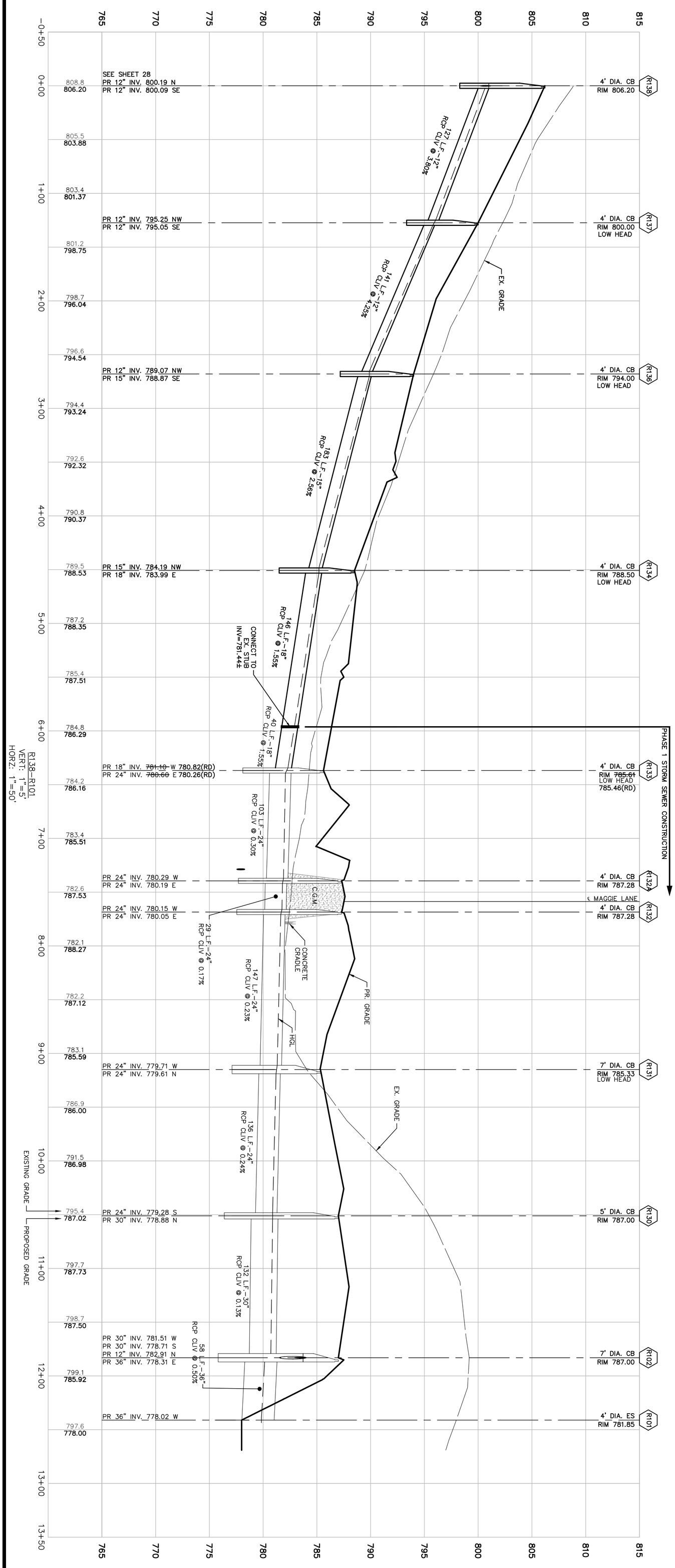
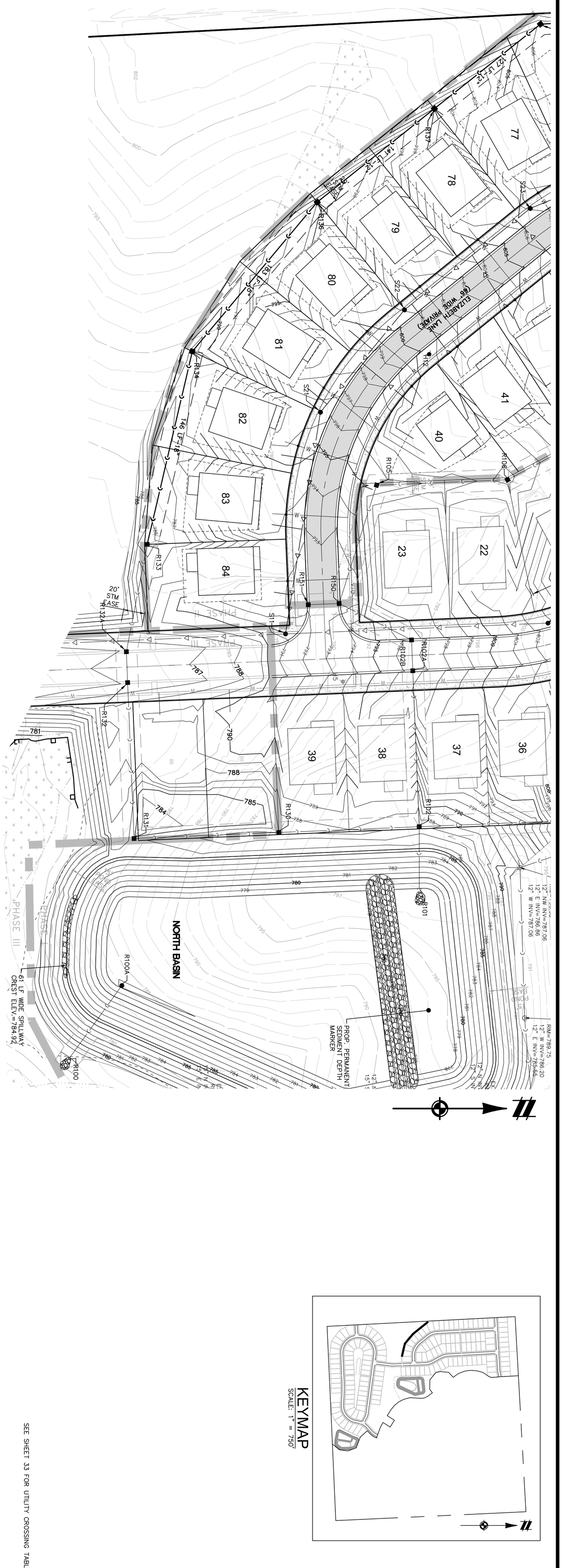


SEE SHEET 33 FOR UTILITY CROSSING TABLE



KEYMAP
SCALE: 1" = 750'

DATE	MARCH 1, 2024
CLIENT	SE MICHIGAN LAND HOLDING LLC
	PROSPECT POINTE WEST
	FINAL SITE PLAN – PHASE 2
	STORMWATER PLAN & PROFILE 1
	SECTION 33
	TOWN 2 SOUTH, RANGE 7 EAST
	SUPERIOR TOWNSHIP
	WASHTENAW COUNTY, MICHIGAN

05-20-2024 PER TWP

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SCALE: 1" = 50 FEET (0, 25, 50)

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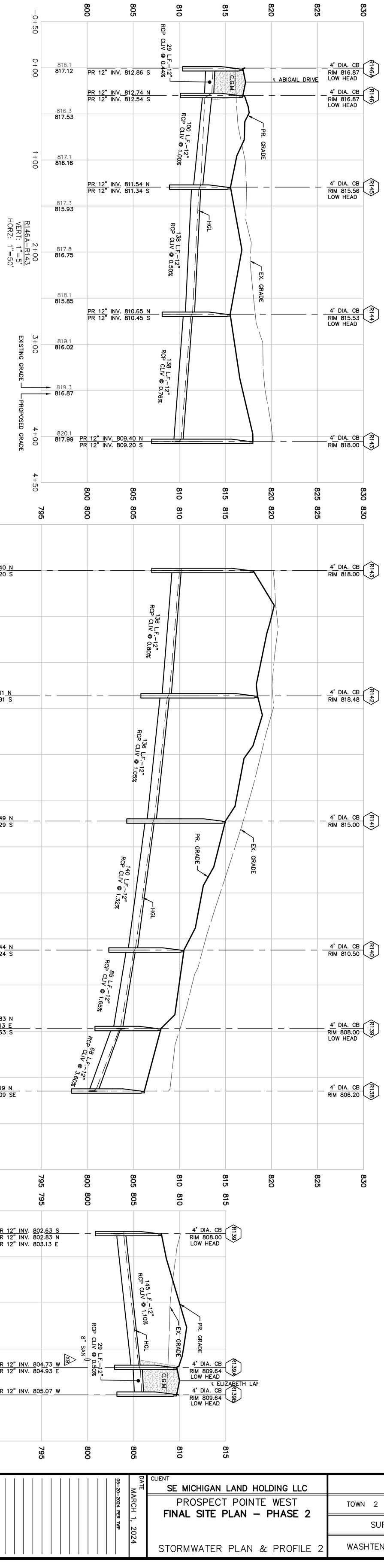

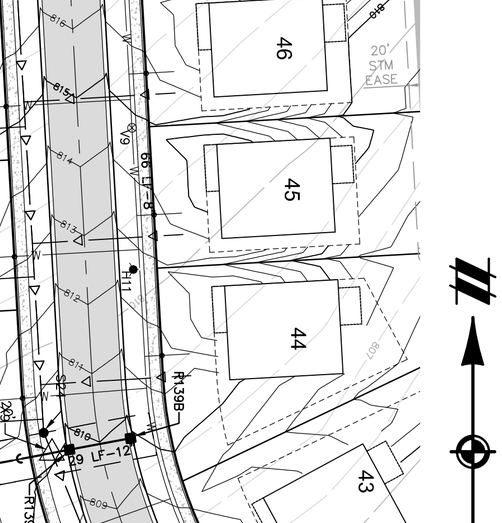

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STORMWATER PLAN & PROFILE 2

SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

DATE: MARCH 1, 2024

REVISIONS
05-20-2024 PER TWP

SCALE: 1" = 50 FEET (0, 25, 50)

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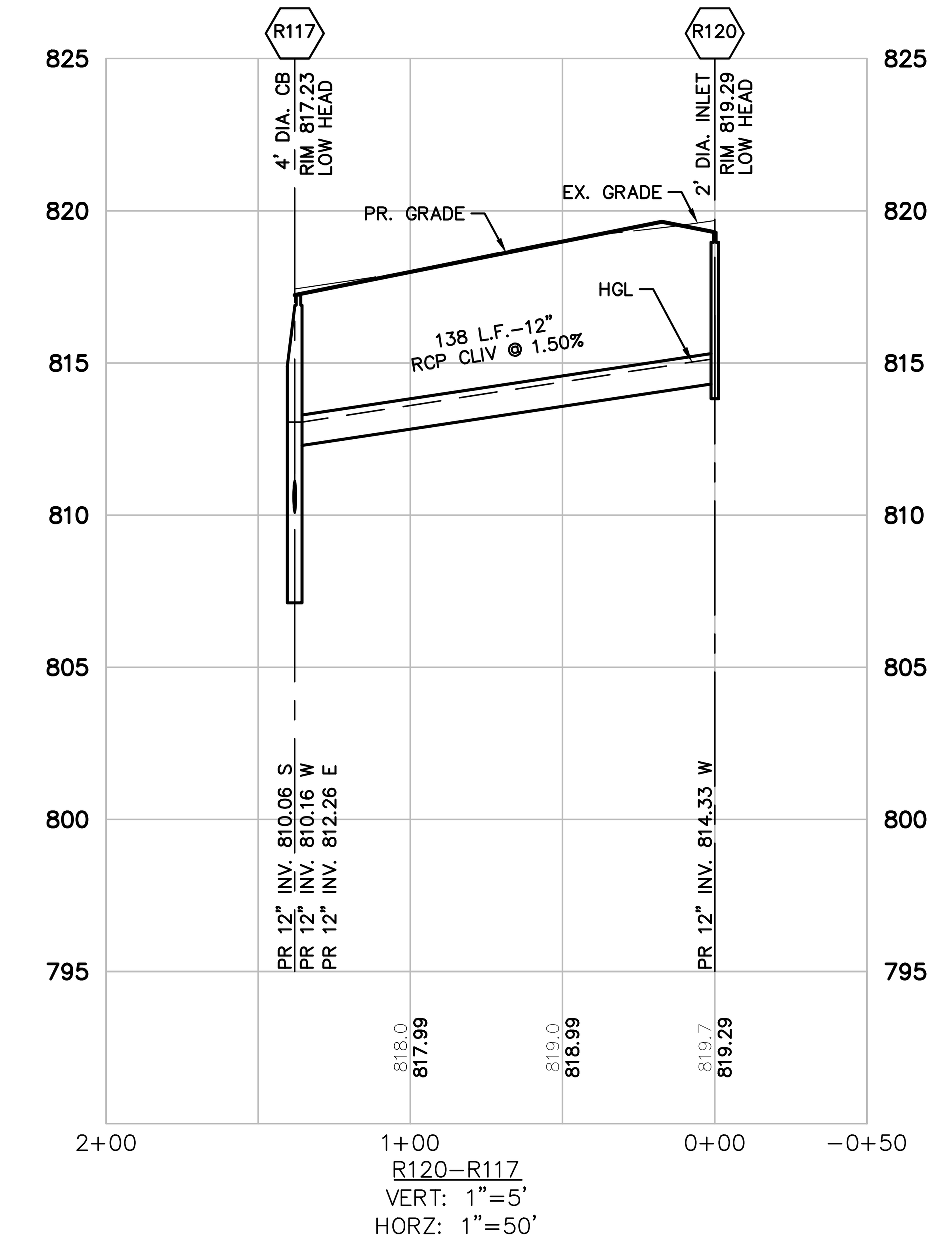
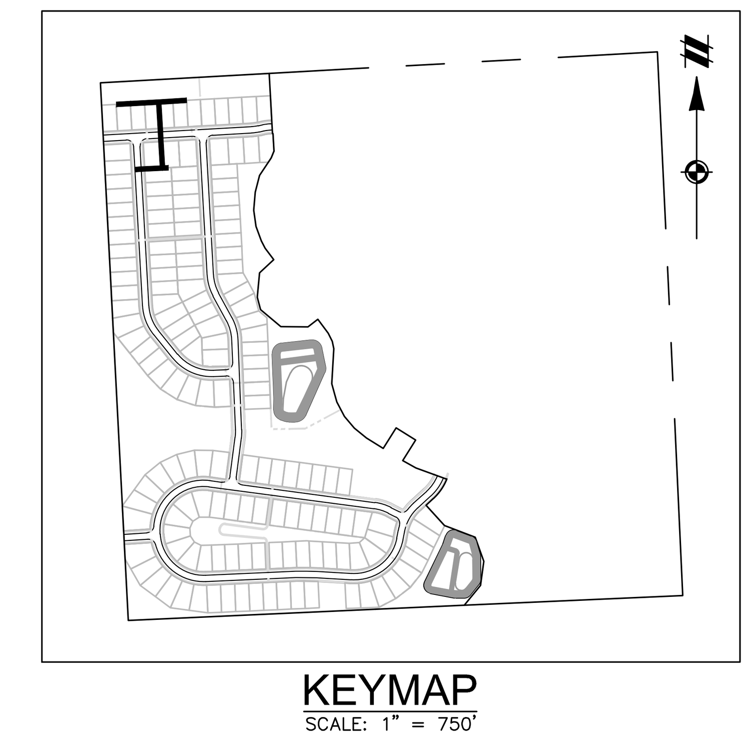
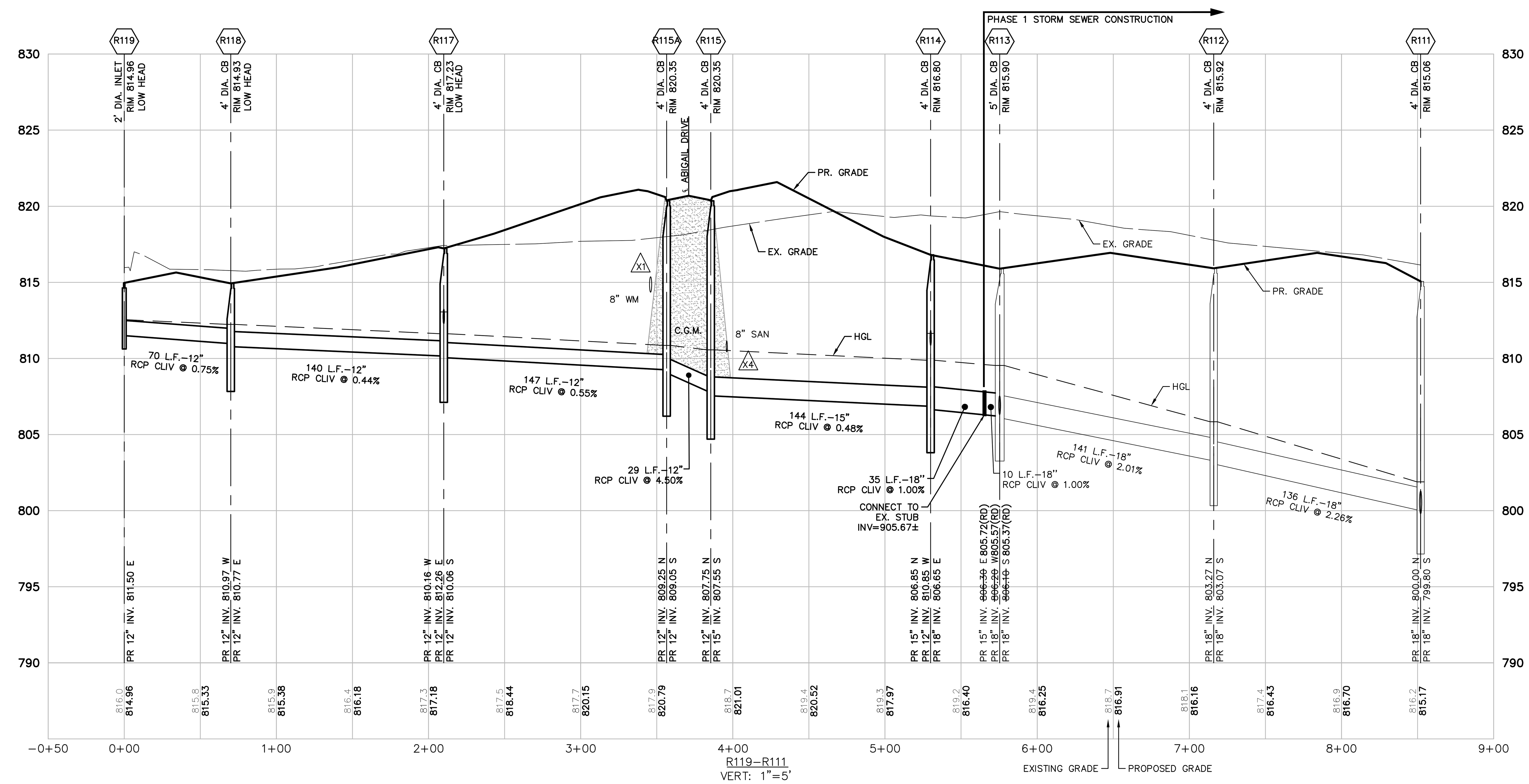
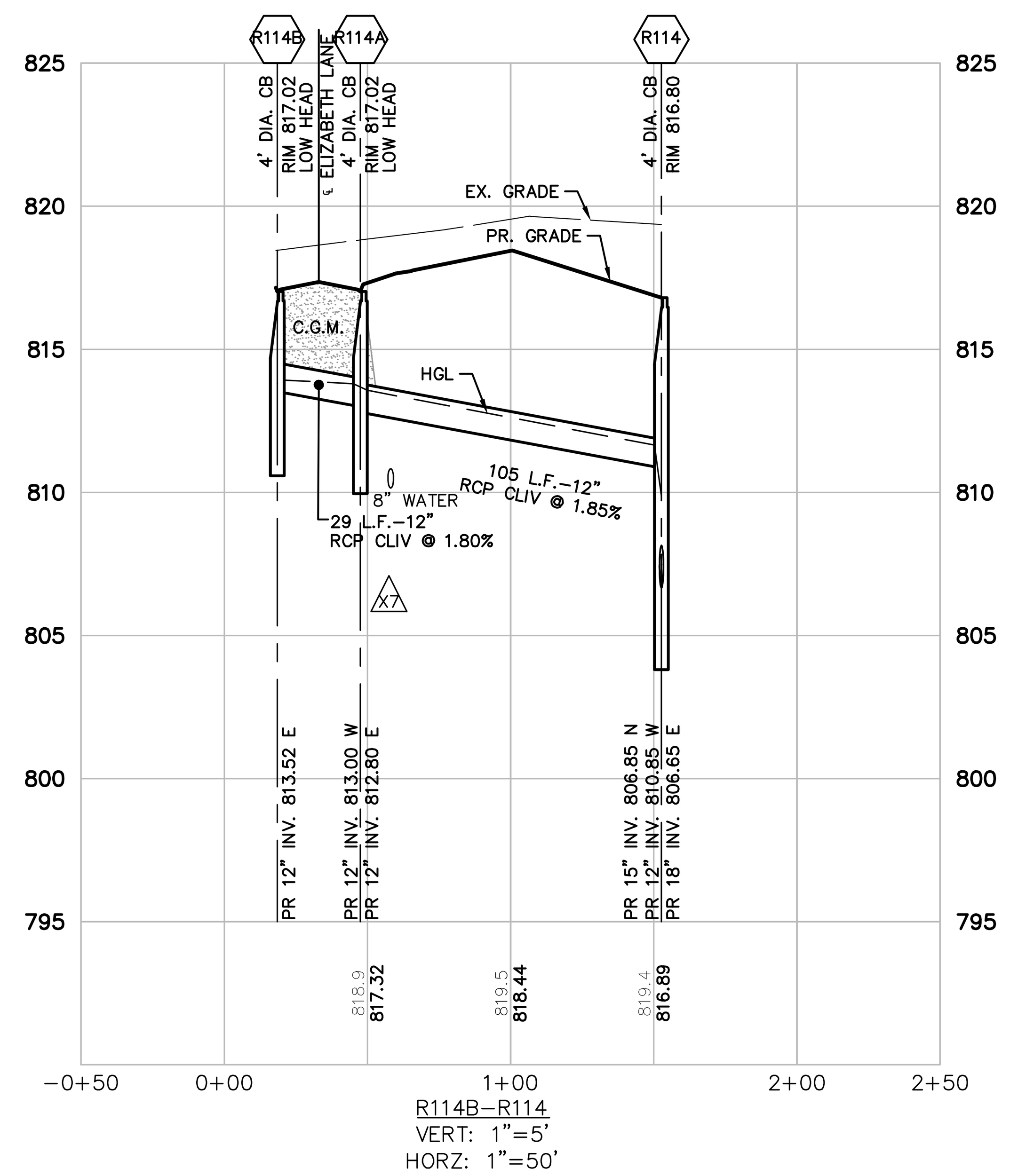




SEE SHEET 33 FOR UTILITY CROSSING TABLE





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PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
STORMWATER PLAN & PROFILE 3

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET (0, 25, 50)

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LEGEND

- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- PROPERTY LINE
- GRADING LIMITS
- EXISTING MANHOLE / CATCH BASIN
- PROPOSED MANHOLE / CATCH BASIN
- EXISTING HYDRANT
- PROPOSED HYDRANT
- EXISTING GATE VALVE & WELL
- PROPOSED GATE VALVE & WELL
- EXISTING WATER MAIN MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WETLAND
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED EMERGENCY OVERFLOW ROUTE

SCALE: 1" = 50 FEET (0, 25, 50)

REVISIONS
05-20-2024 PER TWP

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SHEET NO. 30

DATE MARCH 1, 2024

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PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

DRAINAGE AREA PLAN

SECTION 33
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LEGEND

- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- PROPERTY LINE
- GRADING LIMITS
- EXISTING MANHOLE / CATCH BASIN
- PROPOSED MANHOLE / CATCH BASIN
- EXISTING HYDRANT
- PROPOSED HYDRANT
- EXISTING GATE VALVE & WELL
- PROPOSED GATE VALVE & WELL
- EXISTING WATER MAIN MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WETLAND
- PROPOSED ASPHALT
- PROPOSED CONCRETE
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CLIENT
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PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

DRAINAGE AREA PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

SCALE: 1" = 50 FEET (0, 25, 50)

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	FROM STRUCT INPUT	TO STRUCT	A TRIB AREA (AC)	C RUNOFF COEFF	AxC EQUIV AREA	CA DESIGN SUM AxC	T TIME CONC. (MIN)	I INTEN-SITY (IN/HR)	Q FLOW CAxI (CFS)	Qc PIPE CAPAC. (CFS) * see above	D PIPE DIAM. (IN)	L PIPE LENGTH (FT)	S PIPE SLOPE (%)	HGq MIN HG for Q (%)	HGv MIN HG for Vmin (%)	HG HGL SLOPE (%)	Vf VEL. FULL (FPS)	Tf TIME OF FLOW (MIN)	H.G.L. ELEV. UPPER END	H.G.L. ELEV. LOWER END	RIM/GROUND ELEV. UPPER END	RIM/GROUND ELEV. LOWER END	INVERT ELEV. UPPER END	INVERT ELEV. LOWER END
*	R119	R118	0.27	0.44	0.12	0.12	20.0	3.89	0.47	3.09	12	70	0.75	0.02	0.44	0.44	3.9	0.3	812.55	812.24	814.96	814.93	811.50	810.97
*	R118	R117	0.48	0.50	0.24	0.36	20.3	3.86	1.39	2.36	12	140	0.44	0.15	0.44	0.44	3.0	0.8	812.24	811.63	814.93	817.23	810.77	810.16
*	R117	R115A	0.41	0.47	0.19	0.68	21.1	3.80	2.58	2.64	12	147	0.55	0.52	0.44	0.52	3.4	0.7	811.63	810.86	817.23	820.35	810.06	809.25
*	R115A	R115	0.37	0.76	0.28	0.96	21.8	3.74	3.59	7.56	12	29	4.50	1.02	0.44	1.02	9.6	0.1	810.86	810.56	820.35	820.35	809.05	807.75
*	R115	R114	0.30	0.75	0.23	1.19	21.9	3.73	4.44	4.48	15	144	0.48	0.47	0.32	0.47	3.6	0.7	810.56	809.88	820.35	816.80	807.55	806.85
*	R114	R113	0.12	0.56	0.06	2.49	22.6	3.68	9.15	10.50	18	45	1.00	0.76	0.25	0.76	5.9	0.1	809.88	809.54	816.80	815.90	806.65	806.20
	R113	R112	0.40	0.53	0.21	4.64	22.7	3.67	17.02	17.02 *	18	141	2.01	2.63	0.25	2.63	8.4	0.3	809.54	805.84	815.90	815.92	806.10	803.27
	R112	R111	0.49	0.55	0.27	4.91	23.0	3.65	17.90	17.90 *	18	136	2.26	2.90	0.25	2.90	8.9	0.3	805.84	801.89	815.92	815.06	803.07	800.00
	R111	R110	0.28	0.52	0.15	5.06	23.3	3.62	18.33	18.33 *	18	87	2.39	3.05	0.25	3.05	9.2	0.2	801.89	799.24	815.06	813.55	799.80	797.71
	R110	R109	0.35	0.54	0.19	5.72	23.5	3.61	20.64	20.64 *	24	132	0.67	0.83	0.17	0.83	5.9	0.4	799.24	798.14	813.55	809.84	797.31	796.43
	R109	R108	0.48	0.55	0.27	5.99	23.9	3.58	21.44	21.44 *	24	132	0.73	0.90	0.17	0.90	6.2	0.4	798.14	796.96	809.84	807.21	796.23	795.27
	R108	R107	0.43	0.52	0.22	6.21	24.3	3.55	22.04	22.04 *	24	110	0.78	0.95	0.17	0.95	6.4	0.3	796.96	795.91	807.21	802.00	795.17	794.31
	R107	R106	0.56	0.52	0.29	6.50	24.6	3.53	22.93	30.35	24	137	1.80	1.03	0.17	1.03	9.7	0.2	794.66	793.25	802.00	796.73	794.11	791.65
	R106	R105	0.59	0.51	0.30	6.80	24.8	3.51	23.90	29.50	24	123	1.70	1.12	0.17	1.12	9.4	0.2	792.43	791.06	796.73	795.15	791.55	789.46
	R105	R150	0.33	0.57	0.19	6.99	25.0	3.50	24.47	30.35	24	116	1.80	1.17	0.17	1.17	9.7	0.2	790.22	788.86	795.15	792.18	789.36	787.26
	R150	R102B	0.92	0.73	0.67	8.52	25.2	3.49	29.70	30.35	24	76	1.80	1.72	0.17	1.72	9.7	0.1	788.70	787.39	792.18	796.34	787.16	785.79
	R102B	R102A	1.08	0.74	0.80	9.32	25.3	3.48	32.43	46.77	30	29	1.30	0.62	0.13	0.62	9.5	0.1	787.20	787.01	796.34	796.34	785.39	785.01
	R102A	R102	1.09	0.74	0.81	10.13	25.4	3.47	35.17	46.77	30	147	1.30	0.74	0.13	0.74	9.5	0.3	784.59	783.51	796.34	787.00	783.41	781.51
	R102	R101	0.38	0.54	0.21	13.94	25.7	3.45	48.12	48.12 *	36	58	0.50	0.52	0.10	0.52	6.7	0.1	780.14	779.84	787.00	781.85	778.31	778.02
*	R120	R117	0.30	0.43	0.13	0.13	20.0	3.89	0.51	4.36	12	138	1.50	0.02	0.44	0.44	5.6	0.4	815.13	813.06	819.29	817.23	814.33	812.26
	R129	R128	0.33	0.50	0.17	0.17	20.0	3.89	0.66	2.36	12	136	0.44	0.03	0.44	0.44	3.0	0.8	817.93	817.34	820.54	820.95	816.43	815.83
	R128	R127	0.16	0.50	0.08	0.25	20.8	3.82	0.96	2.36	12	72	0.44	0.07	0.44	0.44	3.0	0.4	817.34	817.02	820.95	820.31	815.73	815.42
	R127	R125A	0.39	0.47	0.18	0.43	21.2	3.79	1.63	2.36	12	144	0.44	0.21	0.44	0.44	3.0	0.8	817.02	816.39	820.31	820.60	815.32	814.68
	R125A	R125	0.65	0.71	0.46	0.89	22.0	3.72	3.31	3.31 *	12	29	0.44	0.87	0.44	0.87	3.0	0.2	816.39	816.14	820.60	820.63	814.58	814.46
	R125	R124	0.53	0.71	0.38	1.27	22.2	3.71	4.71	5.27	12	145	2.19	1.75	0.44	1.75	6.7	0.4	816.14	813.61	820.63	814.81	814.36	811.19
	R124	R123	0.61	0.49	0.30	1.57	22.6	3.68	5.77	6.62	15	152	1.05	0.80	0.32	0.80	5.4	0.5	813.61	812.40	814.81	816.83	810.99	809.40
	R123	R122A	0.18	0.48	0.09	1.66	23.1	3.64	6.04	7.08	15	109	1.20	0.87	0.32	0.87	5.8	0.3	812.40	811.45	816.83	821.36	809.30	807.99
	R122A	R122	0.17	0.61	0.11	1.77	23.4	3.62	6.40	6.40 *	15	29	0.44	0.98	0.32	0.98	3.5	0.1	811.45	811.16	821.36	821.36	807.79	807.66
	R122	R121	0.15	0.64	0.10	1.87	23.5	3.61	6.75	6.75 *	15	105	0.85	1.09	0.32	1.09	4.9	0.4	811.16	810.01	821.36	817.53	807.56	806.67
	R121	R113	0.14	0.52	0.07	1.94	23.9	3.58	6.94	6.94 *	15	41	0.65	1.16	0.32	1.16	4.2	0.2	810.01	809.54	817.53	815.90	806.57	806.30
*	R114B	R114A	0.83	0.73	0.60	0.60	20.0	3.89	2.33	4.78	12	29	1.80	0.43	0.44	0.44	6.1	0.1	813.92	813.80	817.02	817.02	813.52	813.00
*	R114A	R114	0.92	0.70	0.64	1.24	20.1	3.88	4.81	4.85	12	105	1.85	1.82	0.44	1.82	6.2	0.3	813.57	811.65	817.02	816.80	812.80	810.85
	R109B	R109A	0.67	0.35	0.24	0.24	20.0	3.89	0.93	2.36	12	29	0.44	0.07	0.44	0.44	3.0	0.2	810.53	810.41	813.90	813.90	809.73	809.61
	R109A	R110	0.67	0.35	0.23	0.47	20.2	3.87	1.82	3.47	12	146	0.95	0.26	0.44	0.44	4.4	0.6	809.56	808.91	813.90	813.55	809.51	808.11
	R149	R148	0.12	0.35	0.04	0.04	20.0	3.89	0.16	5.40	12	159	2.30	0.00	0.44	0.44	6.9	0.4	802.02	798.37	805.22	801.54	801.22	797.57
	R148	R147	0.33	0.57	0.19	0.23	20.4	3.85	0.89	5.40	12	76	2.30	0.06	0.44	0.44	6.9	0.2	798.27	796.51	801.54	799.80	797.47	795.71
	R147	R102	0.13	0.54	0.07	0.30	20.6	3.84	1.15	7.56	12	151	4.50	0.10	0.44	0.44	9.6	0.3	790.51	783.71	799.80	787.00	789.71	782.91
	R146A	R146	0.53	0.74	0.39	0.39	20.0	3.89	1.52	2.36	12	29	0.44	0.18	0.44	0.44	3.0	0.2	813.66	813.54	816.87	816.87	812.86	812.74
*	R146	R145	0.11	0.77	0.09	0.48	20.2	3.87	1.86	3.56	12	100	1.00	0.27	0.44	0.44	4.5	0.4	812.78	812.34	816.87	815.56	812.54	811.54
*	R145	R144	0.26	0.53	0.14	0.62	20.6	3.84	2.38	2.52	12	138	0.50	0.45	0.44	0.45	3.2	0.7	812.07	811.45	815.56	815.53	811.34	810.65
*	R144	R143	0.37	0.55	0.20	0.82	21.3	3.78	3.10	3.11	12	138	0.76	0.76	0.44	0.76	4.0	0.6	811.25	810.20	815.53	818.00	810.45	809.40
*	R143	R142	0.08	0.35	0.03	0.85	21.9	3.73	3.17	3.19	12	136	0.80	0.79	0.44	0.79	4.1	0.6	809.99	808.91	818.00	818.48	809.20	808.11
*	R142	R141	0.22	0.57	0.13	0.98	22.5	3.68	3.61	3.65	12	136	1.05	1.03	0.44	1.03	4.7	0.5	808.68	807.29	818.48	815.00	807.91	806.49
*	R141	R140	0.25	0.54	0.14	1.12	23.0	3.65	4.08	4.09	12	140	1.32	1.31	0.44	1.31	5.2	0.4	807.08	805.24	815.00	810.50	806.29	804.44
*	R140	R139	0.28	0.52	0.14	1.26	23.4	3.62	4.56	4.58	12	85	1.65	1.64	0.44	1.64	5.8	0.2	805.03	803.63	810.50	808.00	804.24	802.83
*	R139	R138	0.17	0.49	0.08	1.87	23.6	3.60	6.73	6.76	12	68	3.60	3.57	0.44	3.57	8.6	0.1	803.41	800.99	808.00	806.20	802.63	800.19
*	R138	R137	0.04	0.35	0.01	1.88	23.7	3.59	6.76	6.94	12	127	3.80	3.60	0.44	3.60	8.8	0.2	800.63	796.05	806.20	800.00	800.09	795.25
*	R137	R136	0.30	0.51	0.16	2.04	23.9	3.58	7.30	7.34	12	141	4.25	4.20	0.44	4.20	9.4	0.3	795.78	789.87	800.00	794.00	795.05	789.07
*	R136	R134	0.28	0.52	0.14	2.18	24.2	3.56	7.75	10.34	15	183	2.56	1.44	0.32	1.44	8.4	0.4	789.87	785.19	794.00	788.50	788.87	784.19
*	R134	R133	0.38	0.54	0.20	2.38	24.6	3.53	8.40	13.08	18	186	1.55	0.64	0.25	0.64	7.4	0.4	785.19	782.30	788.50	785.61	783.99	781.10
*	R133	R132A	0.35	0.49	0.17	2.55	25.0	3.50	8.93	12.39	24	103	0.30	0.16	0.17	0.17	3.9	0.4	782.07	781.89	785.61	787.28	780.60	780.29
*	R132A	R132	0.16	0.67	0.11	2.66	25.4	3.47	9.24	9.33	24	29	0.17	0.17	0.17	0.17	3.0	0.2	781.80	781.75	787.28	787.28	780.19	780.15
	R132	R131	0.57	0.76	0.43	3.09	25.6	3.46	10.69	10.85	24	147	0.23	0.22	0.17	0.22	3.5	0.7	781.64	781.31	787.28	785.33	780.05	779.71
	R131	R130	0.23	0.45	0.10	3.19	26.3	3.41	10.88	11.08	24	136	0.24	0.23	0.17	0.23	3.5	0.6	781.20	780.88	785.33	787.00	779.61	779.28
	R130	R102	0.16	0.64	0.11	3.30	26.9	3.37	11.13	14.79	30	132	0.13	0.07	0.13	0.13	3.0	0.7	780.88	780.71	787.00	787.00	778.88	778.71
*	R139B	R139A	0.75	0.35	0.26	0.26	20.0	3.89	1.01	2.52	12	29	0.50	0.08	0.44	0.44	3.2	0.2	805.86	805.73	809.64	809.64	805.07	804.93
*	R139A	R139	0.77	0.35	0.27	0.53	20.2	3.87	2.05	3.74	12	145	1.10	0.33	0.44	0.44	4.8	0.5	805.53	803.93	809.64	808.00	804.73	803.13
	R151	R150	1.16	0.74	0.86	0.86	20.0	3.89	3.34	3.38	12	29	0.90	0.88	0.44	0.88	4.3	0.1	789.02	788.76	792.18	792.18	788.22	787.96
	R253D	R253C	0.64	0.64	0.41	0.41	20.0	3.89	1.59	2.52	12	29	0.50	0.20	0.44	0.44	3.2	0.2	782.13	782.00	785.38	785.38	781.35	781.20
	R253C	R253B	0.10	0.72	0.07	0.48	20.2	3.87	1.86	7.39	12	58	4.30	0.27	0.44	0.44	9.4	0.1	781.90	779.39	785.38	782.48	781.10	778.59
	R253B	R253A	0.07	0.71	0.05	0.53	20.3	3.86	2.05	2.52	12	29	0.50	0.33	0.44	0.44	3.2	0.2	779.28	779.15	782.48	782.48	778.49	778.35
	R253A	R253	0.36	0.74	0.27	0.80	20.5	3.85	3.08	7.04	12	139	3.90	0.75	0.44	0.75	9.0	0.3	778.95	773.55	782.48	777.80	778.15	772.75
	R253	R252	0.28	0.52	0.15	0.98	20.8	3.82	3.74	7.56	12	79	4.50	1.10	0.44	1.10	9.6	0.1	773.45	769.89	777.80	773.02	772.65	769.09
	R252	R251	0.33	0.49	0.16	1.14	20.9	3.81	4.35	4.65	12	119	1.70	1.49	0.44	1.49	5.9	0.3	769.54	767.76	773.02	771.39	768.99	766.96
	R251	R250	0.59	0.43	0.25	1.39	21.2	3.79	5.27	14.09	18	132	1.80	0.25	0.25	0.25	8.0	0.3	767.76	765.39	771.39	769.41	766.56	764.19
	R250	R249	0.91	0.47	0.43	1.82	21.5	3.76	6.85	9.60	24	152	0.18	0.09	0.17	0.17	3.1	0.8	765.38	765.11	769.41	770.80	763.79	763.51
	R249	R248	0.23	0.45	0.10	1.92	22.3	3.70	7.10	9.60	24	132	0.18	0.10	0.17	0.17	3.1	0.7	764.91	764.68	770.80	772.54	763.31	763.08
	R248	R247	0.42	0.46	0.19	2.11	23.0	3.65	7.69	9.60	24	133	0.18	0.12	0.17	0.17	3.1	0.7	764.57	764.34	772.54	774.28	762.98	762.74
	R247	R246	0.53	0.49	0.26	2.37	23.7	3.59	8.52	9.60	24	119	0.18	0.14	0.17	0.17	3.1	0.7	764.13	763.92	774.28	775.80	762.54	762.32
	R246	R203	0.33	0.49	0.16	2.53	24.4	3.54	8.96	10.12	24	40	0.20	0.16	0.17	0.17	3.2	0.2	763.81	763.74	775.80	775.91	762.22	762.14
	R203	R202B	0.40	0.47	0.19	3.57	24.6	3.53	12.60	20.86	24	116	0.85	0.31	0.17	0.31	6.6	0.3	763.02	762.66	775.91	781.40	762.04	761.06
	R202B	R202A	0.00	0.00	0.00	3.57	24.9	3.51	12.60	25.94	30	84	0.40	0.09	0.13	0.13	5.3	0.3	762.43	762.33	781.40	781.85	760.66	760.33
	R202A	R202	0.00	0.00	0.00	3.57	25.2	3.49	12.60	15.89	30	121	0.15	0.09	0.13	0.13	3.2	0.6	762.20	762.05	781.85	771.42	760.23	760.05
	R202	R201	0.05	0.35	0.02	13.30	25.8	3.44	45.82	46.21	36	76	0.48	0.47	0.10	0.47	6.5	0.2	757.32	756.96	771.42	758.83	755.37	755.00

* = PHASE 2 STORM SEWER RUN

FROM STRUCT INPUT	TO STRUCT	A TRIB AREA (AC)	C RUNOFF COEFF	AxC EQUIV AREA	CA DESIGN SUM AxC	T TIME CONC. (MIN)	I INTEN-SITY (IN/HR)	Q FLOW CAxI (CFS)	Qc PIPE CAPAC. (CFS) * see above	D PIPE DIAM. (IN)	L PIPE LENGTH (FT)	S PIPE SLOPE (%)	HGq MIN HG for Q (%)	HGv MIN HG for Vmin (%)	HG HGL SLOPE (%)	Vf VEL. FULL (FPS)	Tf TIME OF FLOW (MIN)	H.G.L. ELEV. UPPER END	H.G.L. ELEV. LOWER END	RIM/GROUND ELEV. UPPER END	RIM/GROUND ELEV. LOWER END	INVERT ELEV. UPPER END	INVERT ELEV. LOWER END
R254	R253	0.07	0.35	0.03	0.03	20.0	3.89	0.12	7.56	12	84	4.50	0.00	0.44	0.44	9.6	0.1	778.41	774.65	783.80	777.80	777.61	773.85
R209	R208	0.37	0.55	0.20	0.20	20.0	3.89	0.78	2.36	12	140	0.44	0.05	0.44	0.44	3.0	0.8	777.06	776.45	779.96	781.00	776.27	775.65
R208	R207	0.37	0.55	0.20	0.40	20.8	3.82	1.53	2.36	12	140	0.44	0.18	0.44	0.44	3.0	0.8	776.25	775.64	781.00	788.03	775.45	774.84
R207	R206	0.10	0.43	0.04	0.44	21.6	3.76	1.65	2.36	12	158	0.44	0.22	0.44	0.44	3.0	0.9	775.43	774.74	788.03	785.72	774.64	773.94
R206	R205	0.24	0.55	0.13	0.57	22.5	3.68	2.10	2.39	12	136	0.45	0.35	0.44	0.44	3.0	0.7	774.52	773.93	785.72	783.00	773.74	773.13
R205	R204	0.23	0.56	0.13	0.70	23.2	3.63	2.54	2.87	12	136	0.65	0.51	0.44	0.51	3.7	0.6	773.54	772.84	783.00	780.00	772.93	772.04
R204	R203	0.27	0.53	0.15	0.85	23.8	3.59	3.05	3.56	12	65	1.00	0.73	0.44	0.73	4.5	0.2	772.57	772.09	780.00	775.91	771.94	771.29
R224	R223	0.75	0.45	0.34	0.34	20.0	3.89	1.32	2.36	12	186	0.44	0.14	0.44	0.44	3.0	1.0	783.81	783.00	786.87	791.90	783.02	782.20
R223	R222	0.14	0.52	0.07	0.41	21.0	3.80	1.56	2.36	12	184	0.44	0.19	0.44	0.44	3.0	1.0	782.89	782.09	791.90	789.72	782.10	781.29
R222	R221	0.34	0.49	0.16	0.57	22.0	3.72	2.12	2.36	12	179	0.44	0.35	0.44	0.44	3.0	1.0	781.98	781.20	789.72	787.88	781.19	780.40
R221	R220B	0.25	0.54	0.14	0.71	23.0	3.65	2.59	2.64	12	102	0.55	0.53	0.44	0.53	3.4	0.5	781.08	780.54	787.88	784.67	780.30	779.74
R220B	R220A	0.93	0.72	0.67	1.38	23.5	3.61	4.98	5.04	12	29	2.00	1.95	0.44	1.95	6.4	0.1	780.42	779.86	784.67	784.67	779.64	779.06
R220A	R220	0.36	0.64	0.23	1.61	23.6	3.60	5.80	9.14	15	36	2.00	0.81	0.32	0.81	7.4	0.1	779.43	779.14	784.67	784.69	778.86	778.14
R220	R219	0.03	0.35	0.01	2.42	23.7	3.59	8.70	8.79	15	76	1.85	1.81	0.32	1.81	7.2	0.2	779.01	777.64	784.69	787.12	778.04	776.63
R219	R218	0.10	0.39	0.04	2.46	23.9	3.58	8.80	8.80 *	18	132	0.70	0.70	0.25	0.70	5.0	0.4	777.64	776.71	787.12	782.36	776.43	775.51
R218	R217	0.23	0.38	0.09	2.55	24.3	3.55	9.05	9.10	18	70	0.75	0.74	0.25	0.74	5.2	0.2	776.50	775.98	782.36	780.96	775.31	774.78
R217	R216	0.13	0.54	0.07	2.89	24.5	3.54	10.22	10.50	18	132	1.00	0.95	0.25	0.95	5.9	0.4	775.71	774.46	780.96	779.37	774.58	773.26
R216	R215	0.23	0.56	0.13	3.02	24.9	3.51	10.59	17.10	18	132	2.65	1.02	0.25	1.02	9.7	0.2	774.26	770.77	779.37	774.10	773.06	769.57
R215	R214	0.22	0.57	0.12	3.14	25.1	3.49	10.97	11.02	18	271	1.10	1.09	0.25	1.09	6.2	0.7	770.64	767.68	774.10	776.45	769.47	766.48
R214	R210B	0.67	0.74	0.50	4.27	25.8	3.44	14.71	14.85	18	115	2.00	1.96	0.25	1.96	8.4	0.2	767.54	765.29	776.45	775.88	766.38	764.09
R210B	R210A	0.00	0.00	0.00	4.79	26.0	3.43	16.44	16.61	18	143	2.50	2.45	0.25	2.45	9.4	0.3	765.12	761.62	775.88	765.00	763.99	760.42
R210A	R210	0.16	0.35	0.06	4.85	26.3	3.41	16.54	16.61	18	135	2.50	2.48	0.25	2.48	9.4	0.2	761.49	758.14	765.00	771.02	760.32	756.94
R210	R202	0.04	0.35	0.02	4.87	26.5	3.40	16.55	16.62	24	70	0.54	0.54	0.17	0.54	5.3	0.2	758.14	757.77	771.02	771.42	756.54	756.17
R227B	R227A	0.87	0.68	0.59	0.59	20.0	3.89	2.29	2.52	12	29	0.50	0.41	0.44	0.44	3.2	0.2	786.16	786.04	789.13	789.13	785.38	785.24
R227A	R220	0.30	0.70	0.21	0.80	20.2	3.87	3.10	6.12	12	139	2.95	0.76	0.44	0.76	7.8	0.3	785.94	781.84	789.13	784.69	785.14	781.04
R217B	R217A	0.15	0.73	0.11	0.11	20.0	3.89	0.43	2.36	12	29	0.44	0.01	0.44	0.44	3.0	0.2	786.84	786.72	789.87	789.87	786.04	785.92
R217A	R217	0.20	0.79	0.16	0.27	20.2	3.87	1.05	7.56	12	138	4.50	0.09	0.44	0.44	9.6	0.2	784.12	777.88	789.87	780.96	783.32	777.08
R213	R214	0.87	0.73	0.63	0.63	20.0	3.89	2.45	2.52	12	29	0.50	0.47	0.44	0.47	3.2	0.2	773.22	773.08	776.45	776.45	772.43	772.28
R212	R211	0.32	0.73	0.23	0.23	20.0	3.89	0.89	2.52	12	29	0.50	0.06	0.44	0.44	3.2	0.2	773.24	773.12	776.46	776.46	772.46	772.32
R211	R210B	0.40	0.73	0.29	0.52	20.2	3.87	2.01	3.38	12	59	0.90	0.32	0.44	0.44	4.3	0.2	772.75	772.49	776.46	775.88	772.22	771.69
R237	R236	0.00	0.00	0.00	0.00	20.0	3.89	0.00	7.56	12	150	4.50	0.00	0.44	0.44	9.6	0.3	773.67	766.92	780.97	770.06	772.87	766.12
R236	R235	0.42	0.46	0.19	0.19	20.3	3.86	0.73	5.63	12	177	2.50	0.04	0.44	0.44	7.2	0.4	766.82	762.41	770.06	765.50	766.02	761.61
R235	R234	0.53	0.53	0.28	0.47	20.7	3.83	1.80	2.36	12	181	0.44	0.26	0.44	0.44	3.0	1.0	762.30	761.51	765.50	765.71	761.51	760.71
R234	R233	0.17	0.63	0.11	0.58	21.7	3.75	2.17	2.36	12	138	0.44	0.37	0.44	0.44	3.0	0.8	761.41	760.80	765.71	764.00	760.61	760.00
R233	R232A	0.30	0.59	0.18	0.76	22.5	3.68	2.80	12.39	24	70	0.30	0.02	0.17	0.17	3.9	0.3	760.61	760.49	764.00	764.00	759.10	758.89
R232A	R232	0.13	0.54	0.07	3.20	22.8	3.66	11.72	11.75	24	68	0.27	0.27	0.17	0.27	3.7	0.3	760.29	760.11	764.00	764.00	758.69	758.51
R232	R231	0.18	0.48	0.09	3.29	23.1	3.64	11.97	15.89	30	136	0.15	0.09	0.13	0.13	3.2	0.7	760.08	759.91	764.00	764.00	758.11	757.91
R231	R230	0.26	0.54	0.14	3.43	23.8	3.59	12.30	16.41	30	138	0.16	0.09	0.13	0.13	3.3	0.7	759.76	759.58	764.00	764.17	757.81	757.58
R230	R229A	0.44	0.40	0.18	4.45	24.5	3.54	15.73	15.89	30	133	0.15	0.15	0.13	0.15	3.2	0.7	759.48	759.29	764.17	764.63	757.48	757.29
R229A	R229	0.36	0.48	0.17	4.62	25.2	3.49	16.11	16.41	30	163	0.16	0.15	0.13	0.15	3.3	0.8	759.18	758.92	764.63	771.29	757.19	756.92
R229	R228	0.43	0.46	0.20	4.82	26.0	3.43	16.54	16.91	30	180	0.17	0.16	0.13	0.16	3.4	0.9	758.81	758.52	771.29	775.00	756.82	756.52
R228	R202	0.05	0.35	0.02	4.84	26.9	3.37	16.54	16.91	30	90	0.17	0.16	0.13	0.16	3.4	0.4	758.41	758.27	775.00	771.42	756.42	756.27
R240A	R240	0.57	0.74	0.42	0.42	20.0	3.89	1.63	2.36	12	29	0.44	0.21	0.44	0.44	3.0	0.2	770.44	770.31	773.56	773.56	769.64	769.51
R240	R239	0.56	0.75	0.42	0.84	20.2	3.87	3.25	7.56	12	102	4.50	0.83	0.44	0.83	9.6	0.2	767.81	763.23	773.56	768.67	767.01	762.43
R239	R230	0.00	0.00	0.00	0.84	20.4	3.85	3.25	7.30	12	39	4.20	0.83	0.44	0.83	9.3	0.1	763.03	761.38	768.67	764.17	762.23	760.58
R241A	R241	1.56	0.73	1.14	1.14	20.0	3.89	4.43	4.51	12	29	1.60	1.55	0.44	1.55	5.7	0.1	767.94	767.49	771.13	771.13	767.15	766.69
R241	R232A	1.64	0.75	1.23	2.37	20.1	3.88	9.20	12.51	15	139	3.75	2.03	0.32	2.03	10.2	0.2	765.99	760.79	771.13	764.00	764.99	759.79
EX02	R5	0.00	0.00	0.00	0.00	20.0	3.89	0.00	2.46	12	111	0.48	0.00	0.44	0.44	3.1	0.6	807.88	807.39	811.12	815.29	807.12	806.59
R5	EX01	0.00	0.00	0.00	0.00	20.6	3.84	0.00	4.78	12	108	1.80	0.00	0.44	0.44	6.1	0.3	807.38	805.45	815.29	810.20	806.58	804.65
EX01	EX00	0.00	0.00	0.00	0.00	20.9	3.81	0.00	8.50	15	128	1.73	0.00	0.32	0.32	6.9	0.3	805.45	803.48	810.20	807.18	804.45	802.23
R4	R3	0.00	0.00	0.00	0.00	20.0	3.89	0.00	33.35	36	99	0.25	0.00	0.10	0.10	4.7	0.3	783.30	783.20	784.43	784.62	780.45	780.20
R2	R1	0.00	0.00	0.00	0.00	20.0	3.89	0.00	62.61	48	137	0.19	0.00	0.07	0.07	5.0	0.5	765.09	765.00	765.68	765.92	761.26	761.00
R100A	R100	0.00	0.00	0.00	0.00	20.0	3.89	0.00	5.56	18	84	0.28	0.00	0.25	0.25	3.1	0.4	777.83	777.62	784.42	778.33	776.35	776.12
R200A	R200	0.00	0.00	0.00	0.00	20.0	3.89	0.00	5.56	18	85	0.28	0.00	0.25	0.25	3.1	0.5	755.82	755.60	760.46	756.31	754.34	754.10

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Know what's **below.**
Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
STORMWATER CONVEYANCE CALCULATIONS

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

NA NA NA N/A

DR. SK CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 32

K:\16000819\DWG\PLAN SETS\SITE - FINAL PHASE 2\16000819SF2-14-CALCS.DWG 5/20/2024 4:51 PM STEVE SILLS

SANITARY SEWER TABLE

	NUMBER	SIZE	DESC.	ELEVATION	INVERTS	NORTHING EASTING
	EX01	4' DIA	EX MH	RIM=769.04	PR. 8" SW INV.749.49	N = 281452.169 E = 13328953.306
	EX02	4' DIA	EX MH	RIM=821.35	PR. 8" W INV.810.65	N = 283176.437 E = 13328093.851
	S3	4' DIA	MH	RIM=775.53	PR. 8" S INV.756.78 PR. 8" NE INV.756.68 PR. 8" NW INV.756.78	N = 281280.998 E = 13328800.922
	S5	4' DIA	MH	RIM=778.15	PR. 8" W INV.764.12 PR. 8" SE INV.764.02	N = 281351.117 E = 13328655.459
	S6	4' DIA	MH	RIM=785.00	PR. 8" W INV.772.88 PR. 8" E INV.772.78	N = 281385.533 E = 13328420.819
	S7	4' DIA	MH	RIM=791.85	PR. 8" W INV.774.32 PR. 8" E INV.774.22	N = 281420.768 E = 13328155.145
	S8	4' DIA	MH	RIM=789.13	PR. 8" N INV.775.77 PR. 8" E INV.775.67 PR. 8" W INV.778.92	N = 281465.319 E = 13327887.681
	S9	4' DIA	MH	RIM=786.22	PR. 8" N INV.777.01 PR. 8" S INV.776.91	N = 281689.985 E = 13327917.477
	S11	4' DIA	MH	RIM=791.19	PR. 8" N INV.779.12 PR. 8" S INV.778.32 PR. 8" W INV.778.42	N = 281953.240 E = 13327906.605
	S12	4' DIA	MH	RIM=802.78	PR. 8" NW INV.791.54 PR. 8" S INV.790.24	N = 282199.651 E = 13327896.428
	S15	4' DIA	MH	RIM=808.95	PR. 8" N INV.798.02 PR. 8" SE INV.797.92	N = 282401.433 E = 13327790.767
	S16	4' DIA	MH	RIM=814.92	PR. 8" N INV.804.06 PR. 8" S INV.803.96	N = 282670.347 E = 13327765.928
	S17	4' DIA	MH	RIM=821.44	PR. 8" S INV.810.66	N = 282969.883 E = 13327749.233
	S18	4' DIA	MH	RIM=822.54	PR. 8" W INV.811.78 PR. 8" E INV.811.68	N = 283155.006 E = 13327887.549
	S19	4' DIA	MH	RIM=823.07	PR. 8" E INV.812.60	N = 283150.486 E = 13327806.438
*	S21	4' DIA	MH	RIM=796.51	PR. 8" NW INV.786.96 PR. 8" E INV.786.86	N = 281986.022 E = 13327698.460
*	S22	4' DIA	MH	RIM=801.06	PR. 8" NW INV.790.72 PR. 8" SE INV.790.62	N = 282064.932 E = 13327602.329
*	S23	4' DIA	MH	RIM=807.05	PR. 8" N INV.796.14 PR. 8" SE INV.796.04	N = 282183.057 E = 13327507.132
*	S24	4' DIA	MH	RIM=810.48	PR. 8" N INV.799.99 PR. 8" S INV.799.89	N = 282295.245 E = 13327461.399
*	S26	4' DIA	MH	RIM=818.68	PR. 8" N INV.803.41 PR. 8" S INV.803.31	N = 282560.488 E = 13327445.545
*	S27	4' DIA	MH	RIM=820.00	PR. 8" N INV.804.87 PR. 8" S INV.804.77	N = 282832.066 E = 13327430.409
*	S29	4' DIA	MH	RIM=818.16	PR. 8" E INV.807.86 PR. 8" W INV.806.46 PR. 8" S INV.806.36	N = 283128.152 E = 13327405.736
*	S30	4' DIA	MH	RIM=817.53	PR. 8" E INV.807.56	N = 283122.041 E = 13327296.096
*	S31	4' DIA	MH	RIM=823.24	PR. 8" W INV.813.03	N = 283145.053 E = 13327708.964
	S34	4' DIA	MH	RIM=782.15	PR. 8" SW INV.758.04 PR. 8" N INV.757.94	N = 281063.434 E = 13328716.396
	S35	4' DIA	MH	RIM=780.94	PR. 8" W INV.758.86 PR. 8" NE INV.758.76	N = 280976.457 E = 13328601.412
	S36	4' DIA	MH	RIM=777.18	PR. 8" W INV.759.64 PR. 8" E INV.759.54	N = 280962.351 E = 13328466.338
	S37	4' DIA	MH	RIM=773.61	PR. 8" W INV.760.71 PR. 8" E INV.760.61	N = 280973.391 E = 13328273.206
	S39	4' DIA	MH	RIM=771.71	PR. 8" W INV.762.27 PR. 8" E INV.762.17	N = 280960.320 E = 13327981.952
	S40	4' DIA	MH	RIM=773.18	PR. 8" W INV.763.36 PR. 8" E INV.763.26	N = 280951.443 E = 13327784.151
	S41	4' DIA	MH	RIM=774.75	PR. 8" NW INV.764.06 PR. 8" E INV.763.96	N = 280972.173 E = 13327666.927
	S42	4' DIA	MH	RIM=779.65	PR. 8" NW INV.768.12 PR. 8" SE INV.768.02	N = 281052.302 E = 13327565.182
	S43	4' DIA	MH	RIM=784.06	PR. 8" N INV.772.70 PR. 8" SE INV.772.60 PR. 8" W INV.772.70	N = 281153.906 E = 13327519.032
	S43A	4' DIA	MH	RIM=786.88	PR. 8" W INV.773.40 PR. 8" E INV.773.30	N = 281154.427 E = 13327397.925
	S44	4' DIA	MH	RIM=786.90	PR. 8" N INV.775.99 PR. 8" S INV.775.89	N = 281228.837 E = 13327513.580
	S46	4' DIA	MH	RIM=791.85	PR. 8" S INV.781.00	N = 281353.897 E = 13327554.439
	S48	4' DIA	MH	RIM=791.71	PR. 8" W INV.781.67 PR. 8" E INV.781.57	N = 281468.316 E = 13327740.226
	S49	4' DIA	MH	RIM=792.67	PR. 8" E INV.782.84	N = 281426.686 E = 13327631.274
	STUB	???' DIA	STUB	RIM=773.38	PR. 8" E INV.773.60	N = 281153.186 E = 13327377.859

WATER MAIN STRUCTURE TABLE

	NUMBER	DESCRIPTION	ELEVATION	NORTHING EASTING
	H1	HYD	FG/RIM=822.68	N = 283123.903 E = 13327787.722
*	H2	HYD	FG/RIM=817.33	N = 283168.423 E = 13327283.697
	H3	HYD	FG/RIM=816.34	N = 282739.999 E = 13327809.119
	H4	HYD	FG/RIM=807.60	N = 282370.079 E = 13327857.417
	H5	HYD	FG/RIM=793.80	N = 282007.135 E = 13327951.419
	H6	HYD	FG/RIM=790.33	N = 281400.920 E = 13327947.309
	H7	HYD	FG/RIM=787.67	N = 281351.727 E = 13328318.229
	H8	HYD	FG/RIM=776.51	N = 281276.252 E = 13328707.509
*	H9	HYD	FG/RIM=818.16	N = 283098.273 E = 13327462.644
*	H10	HYD	FG/RIM=821.88	N = 282721.857 E = 13327483.624
*	H11	HYD	FG/RIM=812.60	N = 282371.261 E = 13327503.165
*	H12	HYD	FG/RIM=800.64	N = 282088.154 E = 13327644.003
	H13	HYD	FG/RIM=781.10	N = 281023.510 E = 13328592.338
	H14	HYD	FG/RIM=773.22	N = 281018.455 E = 13328229.289
	H15	HYD	FG/RIM=772.28	N = 281002.778 E = 13327879.694
	H16	HYD	FG/RIM=782.02	N = 281124.786 E = 13327577.166
	H17	HYD	FG/RIM=792.69	N = 281370.041 E = 13327629.701
	H18	HYD	FG/RIM=786.98	N = 281200.132 E = 13327375.543
	V1	GV	FG/RIM=823.11	N = 283194.259 E = 13327693.330
*	V2	GV	FG/RIM=817.53	N = 283171.975 E = 13327293.514
	V3	GV	FG/RIM=822.65	N = 283140.544 E = 13327789.799
	V4	GV	FG/RIM=810.40	N = 282473.697 E = 13327826.966
	V5	GV	FG/RIM=790.90	N = 281941.315 E = 13327957.140
	V6	GV	FG/RIM=790.51	N = 281387.670 E = 13328024.404
	V7	GV	FG/RIM=776.58	N = 281248.297 E = 13328729.120
*	V8	GV	FG/RIM=818.16	N = 283088.455 E = 13327466.196
	V9	GV	FG/RIM=814.75	N = 282437.326 E = 13327502.487
	V10	GV	FG/RIM=792.75	N = 282013.922 E = 13327873.415
	V11	GV	FG/RIM=780.82	N = 281022.119 E = 13328580.511
	V12	GV	FG/RIM=772.47	N = 281005.282 E = 13327868.570
	V13	GV	FG/RIM=790.94	N = 281415.279 E = 13327816.226
	V14	GV	FG/RIM=786.98	N = 281203.742 E = 13327385.338

UTILITY CROSSING TABLE

CROSSING	CROSSING PIPE 1	CROSSING PIPE 2
X1.	12" ST. T/P 810.50	12" W.M. B/P 814.40
X2.	12" ST. B/P 814.54	12" W.M. T/P 813.04
X3.	12" ST. B/P 814.05	8" SAN. T/P 811.64
X4.	15" ST. T/P 808.96	8" SAN. B/P 810.40
X5.	8" SAN. T/P 809.57	8" W.M. B/P 812.43
X6.	15" ST. T/P 809.57	8" W.M. B/P 815.73
X7.	12" ST. B/P 812.41	8" W.M. B/P 810.91
X8.	12" ST. B/P 809.22	8" SAN. T/P 804.24
X9.	12" ST. B/P 804.45	8" SAN. T/P 800.29
X10.	24" ST. B/P 785.93	8" SAN. T/P 784.32
X11.	24" ST. B/P 787.57	8" W.M. T/P 786.07
X12.	12" ST. B/P 779.05	8" SAN. T/P 772.79
X13.	8" SAN. T/P 782.65	8" W.M. B/P 787.83
X14.	24" ST. B/P 780.08	8" SAN. T/P 778.30
X15.	36" ST. B/P 780.05	8" SAN. T/P 777.52
X16.	8" SAN. T/P 776.14	6" W.M. B/P 782.60
X17.	36" ST. B/P 779.92	8" W.M. T/P 778.10
X18.	12" ST. B/P 784.44	8" SAN. T/P 776.02
X19.	12" ST. B/P 782.65	8" SAN. T/P 774.59
X20.	18" ST. B/P 766.54	8" SAN. T/P 763.37
X21.	18" ST. B/P 764.03	8" SAN. T/P 757.54
X22.	12" ST. B/P 777.55	8" W.M. T/P 776.05
X23.	12" ST. B/P 771.69	8" SAN. T/P 757.64
X24.	30" ST. B/P 760.09	8" SAN. T/P 758.58
X25.	12" ST. B/P 766.33	8" SAN. T/P 761.03
X26.	15" ST. B/P 764.38	8" SAN. T/P 762.84
X27.	18" ST. T/P 767.03	8" W.M. B/P 768.83
X28.	48" ST. B/P 760.70	8" W.M. T/P 759.20
X29.	48" ST. B/P 760.63	8" SAN. T/P 752.24
X30.	24" ST. B/P 779.77	8" W.M. T/P 778.27
X31.	30" ST. T/P 786.07	8" W.M. B/P 790.73
X32.	15" ST. B/P 778.24	8" W.M. T/P 776.74
X33.	8" SAN. T/P 759.75	8" W.M. B/P 768.63
X34.	30" ST. B/P 763.36	8" W.M. T/P 775.73
X35.	12" ST. B/P 779.61	8" SAN. T/P 777.17
X36.	12" ST. B/P 779.89	8" SAN. T/P 772.96
X37.	8" SAN. T/P 775.88	8" W.M. B/P 780.03
X38.	24" ST. B/P 786.70	8" W.M. T/P 785.20
X50.	6" SAN. T/P 808.48	12" W.M. B/P 811.70
X51.	6" SAN. T/P 809.77	12" W.M. B/P 812.40
X52.	6" SAN. T/P 810.96	12" W.M. B/P 813.50
X53.	6" SAN. T/P 812.15	12" W.M. B/P 814.7
X54.	6" SAN. T/P 813.35	12" W.M. B/P 815.80
X55.	6" SAN. T/P 814.02	12" W.M. B/P 816.70
X56.	6" SAN. T/P 814.03	12" W.M. B/P 816.90
X57.	6" SAN. T/P 813.08	12" W.M. B/P 816.00
X58.	6" SAN. T/P 812.85	12" W.M. B/P 815.50
X59.	6" SAN. T/P 812.45	12" W.M. B/P 814.80
X60.	6" SAN. T/P 812.11	12" W.M. B/P 814.20
X61.	6" SAN. T/P 807.46	8" W.M. B/P 811.43
X62.	6" SAN. T/P 809.71	8" W.M. B/P 812.43
X63.	6" SAN. T/P 810.91	8" W.M. B/P 813.73
X64.	6" SAN. T/P 812.00	8" W.M. B/P 814.93
X65.	6" SAN. T/P 812.53	8" W.M. B/P 815.63
X66.	6" SAN. T/P 810.49	8" W.M. B/P 813.13
X67.	6" SAN. T/P 808.33	8" W.M. B/P 811.13
X68.	6" SAN. T/P 806.42	8" W.M. B/P 809.03
X69.	6" SAN. T/P 803.13	8" W.M. B/P 807.03
X70.	6" SAN. T/P 801.97	8" W.M. B/P 804.93
X71.	6" SAN. T/P 797.31	8" W.M. B/P 800.43
X72.	6" SAN. T/P 795.20	8" W.M. B/P 797.93
X73.	6" SAN. T/P 792.52	8" W.M. B/P 795.13
X74.	6" SAN. T/P 790.18	8" W.M. B/P 792.53
X75.	6" SAN. T/P 779.11	8" W.M. B/P 781.83
X76.	6" SAN. T/P 779.74	8" W.M. B/P 782.93
X77.	6" SAN. T/P 782.82	8" W.M. B/P 784.83
X78.	6" SAN. T/P 784.49	8" W.M. B/P 788.63
X79.	6" SAN. T/P 787.44	8" W.M. B/P 791.63
X80.	6" SAN. T/P 792.08	8" W.M. B/P 793.83
X81.	6" SAN. T/P 794.31	8" W.M. B/P 796.73
X82.	6" SAN. T/P 795.12	8" W.M. B/P 798.93
X83.	6" SAN. T/P 796.72	8" W.M. B/P 800.43
X84.	6" SAN. T/P 798.50	8" W.M. B/P 801.83
X85.	6" SAN. T/P 801.60	8" W.M. B/P 804.53
X86.	6" SAN. T/P 804.47	8" W.M. B/P 807.53
X87.	6" SAN. T/P 806.12	8" W.M. B/P 809.13
X88.	6" SAN. T/P 807.56	8" W.M. B/P 810.63
X89.	6" SAN. T/P 809.12	8" W.M. B/P 812.23
X90.	6" SAN. T/P 810.60	8" W.M. B/P 813.73
X91.	6" SAN. T/P 812.02	8" W.M. B/P 815.13
X92.	6" SAN. T/P 777.77	8" W.M. B/P 783.93
X93.	6" SAN. T/P 780.66	8" W.M. B/P 783.53
X94.	6" SAN. T/P 781.82	8" W.M. B/P 784.73
X95.	6" SAN. T/P 782.59	8" W.M. B/P 785.43
X96.	6" SAN. T/P 781.27	8" W.M. B/P 783.83
X97.	6" SAN. T/P 779.46	8" W.M. B/P 782.03
X98.	6" SAN. T/P 777.60	8" W.M. B/P 780.13
X99.	6" SAN. T/P 774.04	8" W.M. B/P 778.13
X100.	6" SAN. T/P 773.47	8" W.M. B/P 776.13
X101.	6" SAN. T/P 771.54	8" W.M. B/P 774.13
X102.	6" SAN. T/P 768.21	8" W.M. B/P 771.03
X103.	6" SAN. T/P 770.97	8" W.M. B/P 772.93
X104.	6" SAN. T/P 773.43	8" W.M. B/P 776.13
X105.	6" SAN. T/P 770.36	8" W.M. B/P 772.43
X106.	6" SAN. T/P 768.32	8" W.M. B/P 769.93
X107.	6" SAN. T/P 766.13	8" W.M. B/P 768.33
X108.	6" SAN. T/P 764.96	8" W.M. B/P 767.73
X109.	6" SAN. T/P 762.91	8" W.M. B/P 767.23
X110.	6" SAN. T/P 763.02	8" W.M. B/P 766.73
X111.	6" SAN. T/P 763.10	8" W.M. B/P 766.23
X112.	6" SAN. T/P 763.37	8" W.M. B/P 765.63
X113.	6" SAN. T/P 763.52	8" W.M. B/P 765.53
X114.	6" SAN. T/P 763.96	8" W.M. B/P 765.83
X115.	6" SAN. T/P 764.29	8" W.M. B/P 766.33
X116.	6" SAN. T/P 764.62	8" W.M. B/P 766.83
X117.	6" SAN. T/P 765.41	8" W.M. B/P 768.03
X118.	6" SAN. T/P 769.47	8" W.M. B/P 772.73
X119.	6" SAN. T/P 775.46	8" W.M. B/P 778.63
X120.	6" SAN. T/P 780.73	8" W.M. B/P 783.73
X121.	6" SAN. T/P 783.93	8" W.M. B/P 786.33
X122.	6" SAN. T/P 781.89	8" W.M. B/P 784.93
X123.	6" SAN. T/P 780.82	8" W.M. B/P 784.33
X124.	6" SAN. T/P 808.90	12" W.M. B/P 811.00
X125.	6" SAN. T/P 803.06	8" W.M. B/P 806.03

STORM SEWER TABLE

	NUMBER	SIZE	DESC.	RIM ELEV.	INVERTS	NORTHING EASTING
	EX00	4' DIA.	CB	807.18	EX. 15" N 802.23	N = 282685.132 E = 13327970.823
	EX01	4' DIA.	CB	810.20	PR. 12" N 804.65 EX. 15" S 804.45	N = 282811.215 E = 13327948.149
	EX02	4' DIA.	CB	811.12	EX. 12" W 807.12	N = 282938.116 E = 13328050.132
	R1	3' DIA.	ES		48 inch Concrete Pipe. 48" NW 761.00	N = 281371.183 E = 13328954.916
	R2	3' DIA.	ES		48 inch Concrete Pipe. 48" SE 761.26	N = 281452.001 E = 13328844.654
	R3	4' DIA.	ES		PR. 60" W 778.62	N = 281650.253 E = 13327986.638
	R4	4' DIA.	ES		PR. 60" E 778.86	N = 281663.269 E = 13327888.498
	R5	4' DIA.	CB	815.29	PR. 12" S 806.58 EX. 12" E 806.59	N = 282918.597 E = 13327940.383
	R100	2' DIA.	ES		PR. 18" NW 776.12	N = 281750.420 E = 13328304.687
	R100A	4' DIA.	OCS	784.34	PR. 18" SE 776.35	N = 281799.528 E = 13328236.634
	R101	4' DIA.	ES		PR. 36" W 778.02	N = 282078.815 E = 13328145.602
	R102	7' DIA.	CB	787.00	PR. 30" W 781.51 PR. 30" S 778.71 PR. 12" N 782.91 PR. 36" E 778.31	N = 282078.815 E = 13328087.577
	R102A	4' DIA.	CB	796.34	PR. 30" W 785.01 PR. 30" E 783.41	N = 282072.770 E = 13327941.202
	R102B	4' DIA.	CB	796.34	PR. 30" E 785.39 PR. 24" SW 785.79	N = 282071.573 E = 13327912.227
	R105	4' DIA.	CB	795.15	PR. 24" N 789.46 PR. 24" E 789.36	N = 282038.814 E = 13327766.955
	R106	4' DIA.	CB	796.73	PR. 24" NW 791.65 PR. 24" S 791.55	N = 282161.770 E = 13327761.877
	R107	4' DIA.	CB	802.00	PR. 24" NW 794.31 PR. 24" SE 794.11	N = 282282.428 E = 13327697.662
	R108	4' DIA.	CB	807.21	PR. 24" N 795.27 PR. 24" SE 795.17	N = 282379.662 E = 13327645.979
	R109	5' DIA.	CB	809.84	PR. 24" N 796.43 PR. 24" S 796.23	N = 282511.015 E = 13327638.598
	R109A	4' DIA.	CB	813.90	PR. 12" E 809.61 PR. 12" W 809.51	N = 282650.963 E = 13327777.525
	R109B	4' DIA.	CB	813.90	PR. 12" W 809.73	N = 282652.577 E = 13327806.480
	R110	4' DIA.	CB	813.55	PR. 18" N 797.71 PR. 24" S 797.31 PR. 12" E 808.11	N = 282642.810 E = 13327631.252
	R111	4' DIA.	CB	815.06	PR. 18" N 800.00 PR. 18" S 799.80	N = 282729.815 E = 13327626.403
	R112	4' DIA.	CB	815.92	PR. 18" N 803.27 PR. 18" S 803.07	N = 282865.604 E = 13327618.834
	R113	5' DIA.	CB	815.90	PR. 15" E 806.30 PR. 18" S 806.10 PR. 18" W 806.20	N = 283006.076 E = 13327611.005
*	R114	4' DIA.	CB	816.80	PR. 15" N 806.85 PR. 18" E 806.65 PR. 12" W 810.85	N = 283002.865 E = 13327565.784
*	R114A	4' DIA.	CB	817.02	PR. 12" W 813.00 PR. 12" E 812.80	N = 282997.012 E = 13327460.777
*	R114B	4' DIA.	CB	817.02	PR. 12" E 813.52	N = 282995.398 E = 13327431.821
*	R115	4' DIA.	CB	820.35	PR. 12" N 807.75 PR. 15" S 807.55	N = 283147.141 E = 13327557.742
*	R115A	4' DIA.	CB	820.35	PR. 12" N 809.25 PR. 12" S 809.05	N = 283176.096 E = 13327556.128
*	R117	4' DIA.	CB	817.23	PR. 12" W 810.16 PR. 12" S 810.06 PR. 12" E 812.26	N = 283322.369 E = 13327547.976
*	R118	4' DIA.	CB	814.93	PR. 12" W 810.97 PR. 12" E 810.77	N = 283314.578 E = 13327408.193
*	R119	2' DIA.	INLET	814.96	PR. 12" E 811.50	N = 283310.682 E = 13327338.301
*	R120	2' DIA.	INLET	819.29	PR. 12" W 814.33	N = 283330.048 E = 13327685.762
	R121	4' DIA.	CB	817.53	PR. 15" E 806.67 PR. 15" W 806.57	N = 283007.627 E = 13327652.312
	R122	4' DIA.	CB	821.36	PR. 15" E 807.66 PR. 15" W 807.56	N = 283013.540 E = 13327757.316
	R122A	4' DIA.	CB	821.36	PR. 15" E 807.99 PR. 15" W 807.79	N = 283015.154 E = 13327786.271
	R123	4' DIA.	CB	816.83	PR. 15" E 809.40 PR. 15" W 809.30	N = 283021.214 E = 13327895.006
	R124	4' DIA.	CB	814.81	PR. 12" N 811.19 PR. 15" W 810.99	N = 283031.670 E = 13328046.659
	R125	4' DIA.	CB	820.63	PR. 12" N 814.46 PR. 12" S 814.36	N = 283176.216 E = 13328038.603
	R125A	4' DIA.	CB	820.60	PR. 12" N 814.68 PR. 12" S 814.58	N = 283205.468 E = 13328036.972
	R127	4' DIA.	CB	820.31	PR. 12" W 815.42 PR. 12" S 815.32	N = 283349.177 E = 13328028.962
	R128	4' DIA.	CB	820.95	PR. 12" W 815.83 PR. 12" E 815.73	N = 283345.185 E = 13327957.340
	R129	2' DIA.	INLET	820.54	PR. 12" E 816.43	N = 283337.617 E = 13327821.551
	R130	5' DIA.	CB	787.00	PR. 24" S 779.28 PR. 30" N 778.88	N = 281946.927 E = 13328093.024
	R131	7' DIA.	CB	785.33	PR. 24" W 779.71 PR. 24" N 779.61	N = 281811.043 E = 13328098.636
	R132	4' DIA.	CB	787.28	PR. 24" W 780.15 PR. 24" E 780.05	N = 281804.998 E = 13327952.261
	R132A	4' DIA.	CB	787.28	PR. 24" W 780.29 PR. 24" E 780.19	N = 281803.801 E = 13327923.285
	R133	4' DIA.	CB	785.61	PR. 18" W 781.10 PR. 24" E 780.60	N = 281823.349 E = 13327822.474
*	R134	4' DIA.	CB	788.50	PR. 15" NW 784.19 PR. 18" E 783.99	N = 281865.747 E = 13327641.369
*	R136	4' DIA.	CB	794.00	PR. 12" NW 789.07 PR. 15" SE 788.87	N = 281983.009 E = 13327501.180
*	R137	4' DIA.	CB	800.00	PR. 12" NW 795.25 PR. 12" SE 795.05	N = 282093.029 E = 13327413.516
*	R138	4' DIA.	CB	806.20	PR. 12" N 800.19 PR. 12" SE 800.09	N = 282192.657 E = 13327334.132
*	R139	4' DIA.	CB	808.00	PR. 12" N 802.83 PR. 12" S 802.63 PR. 12" E 803.13	N = 282260.398 E = 13327330.630
*	R139A	4' DIA.	CB	809.64	PR. 12" E 804.93 PR. 12" W 804.73	N = 282287.329 E = 13327473.378
*	R139B	4' DIA.	CB	809.64	PR. 12" W 805.07	N = 282292.705 E = 13327501.875
*	R140	4' DIA.	CB	810.50	PR. 12" N 804.44 PR. 12" S 804.24	N = 282345.514 E = 13327326.209
*	R141	4' DIA.	CB	815.00	PR. 12" N 806.49 PR. 12" S 806.29	N = 282485.327 E = 13327318.963

STORM SEWER TABLE

	NUMBER	SIZE	DESC.	RIM ELEV.	INVERTS	NORTHING EASTING
*	R142	4' DIA.	CB	818.48	PR. 12" N 808.11 PR. 12" S 807.91	N = 282621.146 E = 13327311.923
*	R143	4' DIA.	CB	818.00	PR. 12" N 809.40 PR. 12" S 809.20	N = 282756.965 E = 13327304.883
*	R144	4' DIA.	CB	815.53	PR. 12" N 810.65 PR. 12" S 810.45	N = 282894.781 E = 13327297.740
*	R145	4' DIA.	CB	815.56	PR. 12" N 811.54 PR. 12" S 811.34	N = 283032.603 E = 13327290.707
*	R146	4' DIA.	CB	816.87	PR. 12" N 812.74 PR. 12" S 812.54	N = 283131.971 E = 13327285.569
*	R146A	4' DIA.	CB	816.87	PR. 12" S 812.86	N = 283160.933 E = 13327284.072
	R147	4' DIA.	CB	799.80	PR. 12" NW 795.71 PR. 12" S 789.71	N = 282229.791 E = 13328081.342
	R148	4' DIA.	CB	801.54	PR. 12" N 797.57 PR. 12" SE 797.47	N = 282293.925 E = 13328039.857
	R149	2' DIA.	INLET	805.22	PR. 12" S 801.22	N = 282447.539 E = 13328000.155
	R150	4' DIA.	CB	792.18	PR. 12" S 787.96 PR. 24" W 787.26 PR. 24" NE 787.16	N = 282003.603 E = 13327878.002
	R151	4' DIA.	CB	792.18	PR. 12" N 788.22	N = 281974.627 E = 13327879.199
	R200	2' DIA.	ES		PR. 18" NW 754.10	N = 280923.346 E = 13329167.768
	R200A	4' DIA.	OCS	760.63	PR. 18" SE 754.34	N = 280960.893 E = 13329090.961
	R201	3' DIA.	ES		PR. 36" NW 755.00	N = 280974.962 E = 13328905.394
	R202	6' DIA.	CB	771.42	PR. 24" NE 756.17 PR. 30" SW 756.27 PR. 30" NW 760.05 PR. 36" SE 755.37	N = 281008.553 E = 13328837.028
	R202A	4' DIA.	MH	781.85	PR. 30" NW 760.33 PR. 30" SE 760.23	N = 281073.165 E = 13328735.189
	R202B	5' DIA.	MH	781.40	PR. 24" NW 761.06 PR. 30" SE 760.66	N = 281108.593 E = 13328659.542
	R203	6' DIA.	CB	775.91	PR. 12" W 771.29 PR. 24" SE 762.04 PR. 24" SW 762.14	N = 281175.748 E = 13328565.524
	R204	4' DIA.	CB	780.00	PR. 12" W 772.04 PR. 12" E 771.94	N = 281195.043 E = 13328503.235
	R205	4' DIA.	CB	783.00	PR. 12" W 773.13 PR. 12" E 772.93	N = 281212.924 E = 13328368.415
	R206	4' DIA.	CB	785.72	PR. 12" W 773.94 PR. 12" E 773.74	N = 281230.804 E = 13328233.596
	R207	4' DIA.	CB	788.03	PR. 12" W 774.84 PR. 12" E 774.64	N = 281251.577 E = 13328076.967
	R208	4' DIA.	CB	781.00	PR. 12" E 775.45 PR. 12" W 775.65	N = 281269.984 E = 13327938.182
	R209	2' DIA.	INLET	779.96	PR. 12" E 776.27	N = 281288.390 E = 13327799.398
	R210	4' DIA.	CB	771.02	PR. 18" NE 756.94 PR. 24" SW 756.54	N = 281071.678 E = 13328867.500
	R210A	6' DIA.	CB	765.00	PR. 18" NW 760.42 PR. 18" SW 760.32	N = 281193.133 E = 13328926.194
	R210B	5' DIA.	MH	775.88	PR. 12" SW 771.69 PR. 18" SE 763.99 PR. 18" NW 764.09	N = 281269.719 E = 13328805.473
	R211	5' DIA.	CB	776.46	PR. 12" W 772.32 PR. 12" NE 772.22	N = 281228.188 E = 13328764.127
	R212	4' DIA.	CB	776.46	PR. 12" E 772.46	N = 281236.611 E = 13328736.377
	R213	4' DIA.	CB	776.45	PR. 12" NE 772.43	N = 281294.180 E = 13328689.088
	R214	4' DIA.	CB	776.45	PR. 18" NW 766.48 PR. 12" SW 772.28 PR. 18" SE 766.38	N = 281319.959 E = 13328702.369
	R215	4' DIA.	CB	774.10	PR. 18" W 769.57 PR. 18" SE 769.47	N = 281503.744 E = 13328503.074
	R216	4' DIA.	CB	779.37	PR. 18" W 773.26 PR. 18" E 773.06	N = 281521.099 E = 13328372.220
	R217	4' DIA.	CB	780.96	PR. 18" W 774.78 PR. 18" E 774.58 PR. 12" S 777.08	N = 281538.453 E = 13328241.366
	R217A	4' DIA.	CB	789.87	PR. 12" S 785.92 PR. 12" N 783.32	N = 281401.156 E = 13328223.157
	R217B	4' DIA.	CB	789.87	PR. 12" N 786.04	N = 281372.407 E = 13328219.344
	R218	4' DIA.	CB	782.36	PR. 18" W 775.51 PR. 18" E 775.31	N = 281547.657 E = 13328171.974
	R219	4' DIA.	CB	787.12	PR. 15" W 776.63 PR. 18" E 776.43	N = 281565.011 E = 13328041.119
	R220	4' DIA.	CB	784.69	PR. 15" NW 778.14 PR. 15" E 778.04 PR. 12" S 781.04	N = 281574.946 E = 13327965.959
	R220A	4' DIA.	CB	784.67	PR. 15" SE 778.86 PR. 12" W 779.06	N = 281604.962 E = 13327946.047
	R220B	4' DIA.	CB	784.67	PR. 12" E 779.64 PR. 12" W 779.74	N = 281608.775 E = 13327917.298
	R221	4' DIA.	CB	787.88	PR. 12" W 780.40 PR. 12" E 780.30	N = 281605.641 E = 13327815.327
	R222	4' DIA.	CB	789.72	PR. 12" SW 781.29 PR. 12" E 781.19	N = 281584.700 E = 13327637.543
	R223	4' DIA.	CB	791.90	PR. 12" SW 782.20 PR. 12" NE 782.10	N = 281485.881 E = 13327481.833
	R224	2' DIA.	CB	786.87	PR. 12" NE 783.02	N = 281330.855 E = 13327378.186
	R227A	4' DIA.	CB	789.13	PR. 12" S 785.24 PR. 12" N 785.14	N = 281436.062 E = 13327959.961
	R227B	4' DIA.	CB	789.13	PR. 12" N 785.38	N = 281407.314 E = 13327956.149
	R228	5' DIA.	CB	775.00	PR. 30" SW 756.52 PR. 30" NE 756.42	N = 280934.143 E = 13328787.055
	R229	5' DIA.	CB	771.29	PR. 30" W 756.92 PR. 30" NE 756.82	N = 280837.248 E = 13328635.157
	R229A	5' DIA.	CB	764.63	PR. 30" W 757.29 PR. 30" E 757.19	N = 280829.938 E = 13328472.280
	R230	5' DIA.	CB	764.17	PR. 30" W 757.58 PR. 30" E 757.48 PR. 12" N 760.58	N = 280839.941 E = 13328339.699
	R231	5' DIA.	CB	764.00	PR. 30" W 757.91 PR. 30" E 757.81	N = 280842.043 E = 13328201.475
	R232	5' DIA.	CB	764.00	PR. 24" W 758.51 PR. 30" E 758.11	N = 280835.945 E = 13328065.612
	R232A	5' DIA.	CB	764.00	PR. 24" W 758.89 PR. 24" E 758.69 PR. 15" N 759.79	N = 280832.897 E = 13327997.680
	R233	5' DIA.	CB	764.00	PR. 12" W 760.00 PR. 24" E 759.10	N = 280829.759 E = 13327927.750
	R234	4' DIA.	CB	765.71	PR. 12" W 760.71 PR. 12" E 760.61	N = 280823.572 E = 13327789.889
	R235	4' DIA.	CB	765.50	PR. 12" NW 761.61 PR. 12" E 761.51	N = 280840.976 E = 13327609.851
	R236	4' DIA.	CB	770.06	PR. 12" NW 766.12 PR. 12" SE 766.02	N = 280945.414 E = 13327467.432

STORM SEWER TABLE

NUMBER	SIZE	DESC.	RIM ELEV.	INVERTS	NORTHING EASTING
R237	4' DIA.	CB	780.97	PR. 12" SE 772.87	N = 281075.027 E = 13327391.914
R239	4' DIA.	MH	768.67	PR. 12" N 762.43 PR. 12" S 762.23	N = 280879.019 E = 13328337.945
R240	4' DIA.	CB	773.56	PR. 12" N 769.51 PR. 12" S 767.01	N = 280980.749 E = 13328333.432
R240A	4' DIA.	CB	773.56	PR. 12" S 769.64	N = 281009.698 E = 13328335.149
R241	4' DIA.	CB	771.13	PR. 12" N 766.69 PR. 15" S 764.99	N = 280971.258 E = 13327991.471
R241A	4' DIA.	CB	771.13	PR. 12" S 767.15	N = 281000.228 E = 13327990.171
R246	5' DIA.	CB	775.80	PR. 24" W 762.32 PR. 24" NE 762.22	N = 281144.191 E = 13328541.376
R247	5' DIA.	CB	774.28	PR. 24" W 762.74 PR. 24" E 762.54	N = 281143.296 E = 13328421.939
R248	5' DIA.	CB	772.54	PR. 24" W 763.08 PR. 24" E 762.98	N = 281152.297 E = 13328289.402
R249	5' DIA.	CB	770.80	PR. 24" E 763.31 PR. 24" W 763.51	N = 281146.381 E = 13328157.535
R250	5' DIA.	CB	769.41	PR. 24" E 763.79 PR. 18" W 764.19	N = 281139.564 E = 13328005.688
R251	4' DIA.	CB	771.39	PR. 12" W 766.96 PR. 18" E 766.56	N = 281133.646 E = 13327873.821
R252	4' DIA.	CB	773.02	PR. 12" NW 769.09 PR. 12" E 768.99	N = 281130.314 E = 13327754.511
R253	4' DIA.	CB	777.80	PR. 12" N 773.85 PR. 12" SE 772.65 PR. 12" W 772.75	N = 281182.608 E = 13327695.294
R253A	4' DIA.	CB	782.48	PR. 12" W 778.35 PR. 12" E 778.15	N = 281140.526 E = 13327563.342
R253B	4' DIA.	CB	782.48	PR. 12" E 778.49 PR. 12" NW 778.59	N = 281131.715 E = 13327535.713
R253C	4' DIA.	CB	785.38	PR. 12" N 781.20 PR. 12" SE 781.10	N = 281170.798 E = 13327492.484
R253D	4' DIA.	CB	785.38	PR. 12" S 781.35	N = 281199.742 E = 13327490.693
R254	2' DIA.	INLET	783.80	PR. 12" S 777.61	N = 281264.968 E = 13327709.736

* = PHASE 2 STRUCTURE

811 Know what's below. Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2
UTILITY STRUCTURE TABLES

DATE MARCH 1, 2024
05-20-2024 PER TWP

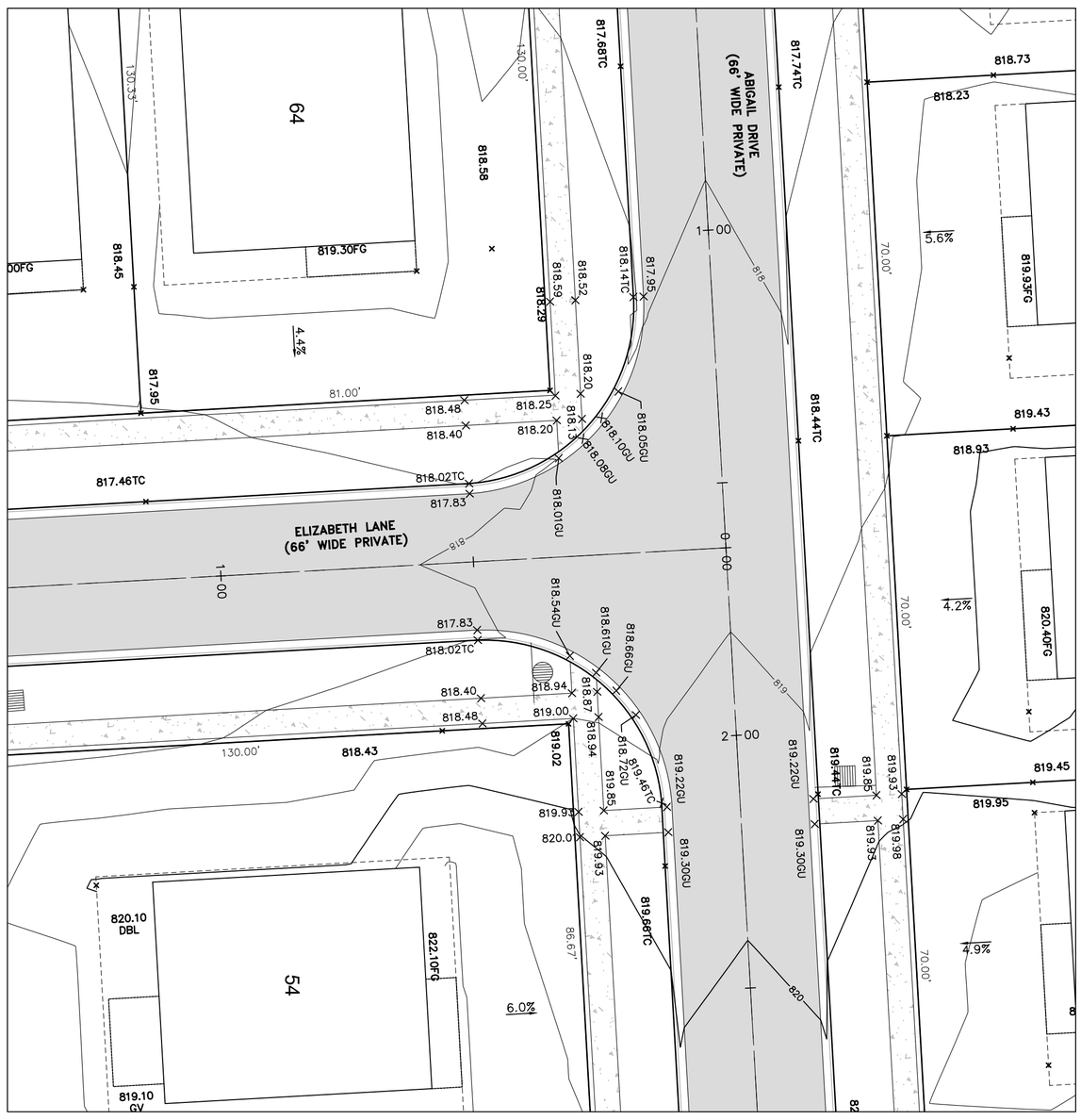
REVISIONS
NA NA NA
N/A

DR.	SK	CH.	SS
P.M.	MB		
BOOK	--		
JOB	16000819		
SHEET NO.	33		

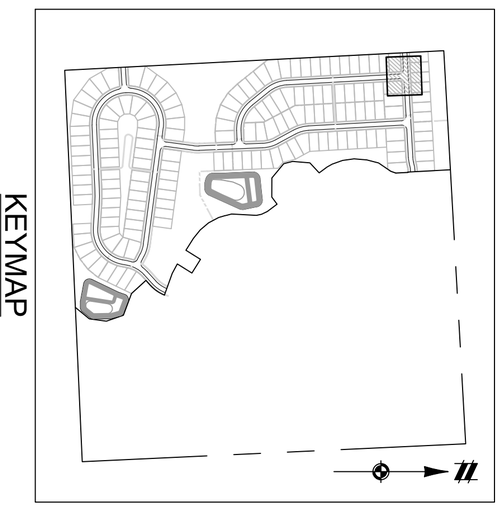
K:\16000819\DWG\PLAN SETS\SITE – FINAL PHASE 2\16000819SF2-14-CALCS.DWG 5/20/2024 4:52 PM STEVE SILLS

K:\16000819\DWG\PLAN SETS\SITE - FINAL PHASE 2\16000819SF2-11-INT.DWG 5/21/2024 1:52 PM KYLER SHEERIN

ABIGAIL DRIVE + MAGGIE LANE



KEYMAP
SCALE: 1" = 750'



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SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

INTERSECTION DETAILS

DATE
MARCH 1, 2024

REVISIONS
05-20-2024 PER TWP

SCALE: 1" = 20 FEET
0 10 20

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 34

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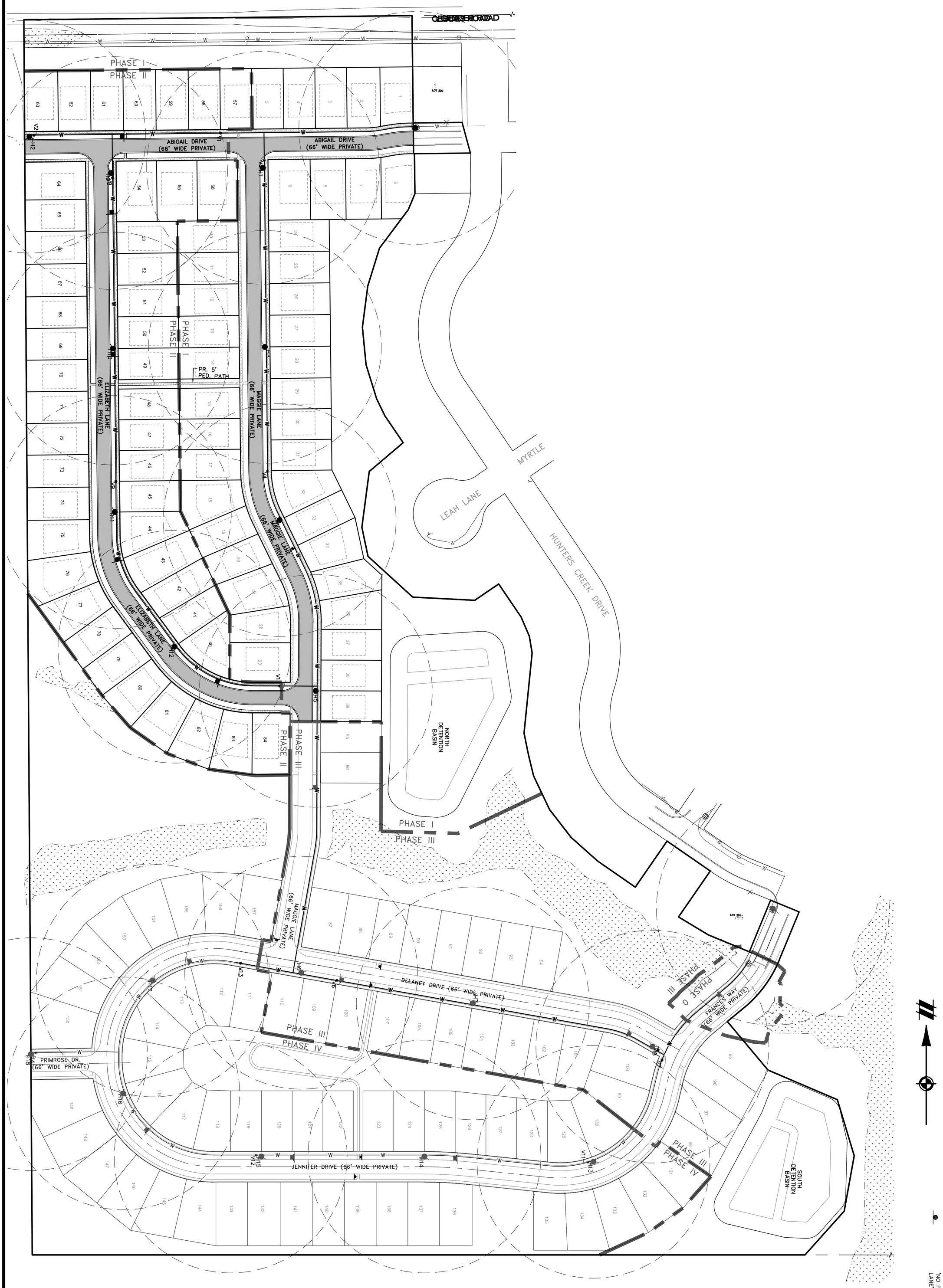

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PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

FIRE PROTECTION PLAN

DATE
MARCH 1, 2024

REVISIONS
05-20-2024 PER TWP

0 50 100
SCALE: 1" = 100 FEET

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JOB 16000819
SHEET NO. 35

INVASIVE SHRUB ERADICATION AND MANAGEMENT PLAN FOR PROSPECT POINTE WEST

1.0 PLAN GOALS AND OBJECTIVES

As part of the development project, an invasive shrub inventory and management plan is proposed. The inventory and management plan are required for a development plan defined by the Superior Charter Township's Woodlands & Tree Preservation, subsection 14.05F of *Article 14 Special Development Provisions* of the Township's zoning ordinance. The goal of the management plan is to eliminate or reduce the presence and growth of four (4) species of invasive woody shrubs during and after the construction of the Project.

Atwell conducted a site visit to inventory the general locations of the following four (4) invasive woody shrub species within the Site boundaries: common (European) and glossy buckthorn (*Rhamnus cathartica* and *Frangula alnus*, respectively), autumn-olive (*Elaeagnus umbellata*), honeysuckle (*Lonicera tatarica*), and multi-flora rose (*Rosa multiflora*). Atwell also noted the percentage of the site covered by these species and their growth extent, range, condition, and size.

2.0 INVENTORY FINDINGS

Atwell conducted the invasive shrub inventory site visit on February 28, 2017 and identified 14 areas containing a predominance (>50%) of the above-listed invasive shrub species within scrub-shrub, forested, or tree line areas. These areas are located particularly along the perimeter of the property boundary and along the tree lines that intersect the agricultural fields. The southern periphery of the Site also contains a shrub layer dominated by those four invasive shrubs.

Along the perimeter of the Site, common buckthorn is especially prolific, although these areas contain a few individual honeysuckle, autumn-olive, and occasional multi-flora rose plants. These areas contain many common buckthorn seedlings and saplings. The larger buckthorns are scattered, with small multi-stem trees, and with diameters varying in size from about 1.0 inch to 12.0 inches diameter at breast height (dbh). Overall, these invasive buckthorn shrub plants appear to be in fair to good condition, with little to no evidence of decay or damage.

There are select areas, particularly in the tree lines within the eastern portion of the Site, that contain a dominance of invasive honeysuckle (>50%) shrubs, with scattered buckthorn, multi-flora rose, and autumn-olive sapling plants. The honeysuckle shrubs in these areas vary in size from 2.0 dbh inches to 7.0 inches dbh. Overall, these shrub plants appear to be in fair to good condition, with little to no evidence of decay or damage.

The forested areas along the southern perimeter of the Site contain a dense invasive shrub understory consisting primarily of buckthorn, honeysuckle, and multi-flora rose. These areas contain small (less than 10 feet tall) shrubs that are in fair to good health; with little to no evidence of decay or damage. Trees observed along the southern property boundary include: oaks (*Quercus spp.*), maples (*Acer spp.*), hickories (*Carya spp.*), cottonwood, American elm (*Ulmus americana*), and basswood (*Tilia americana*).

Overall, Atwell noted that invasive shrub density was inversely proportional to native herbaceous, shrub, and tree sapling growth, which indicates that these invasive shrubs are suppressing the vigor of native plants.

3.0 CONTROL METHODS

3.1 Developed Areas

Mechanical Control

Equipment, such as bulldozers will be used for on-site grading and vegetation removal in the developed areas. Vegetation removal, site grading, and construction will eradicate the invasive shrubs in developed areas.

Stockpiled soils will be kept on-site, and a construction barrier will be placed around the perimeter of stockpiles to prevent spread of invasive species and sediment.

1.1 Undeveloped Areas

Herbicide & Stump Cut Treatment

Undeveloped areas can be defined as those lands that will not be subject to buildings, permanent infrastructure, or maintained landscape planting and management. The undeveloped areas include planned natural areas and natural grade buffers, wetlands, wetland and stream setbacks, etc., that are planned to remain in the aftermath of construction.

Invasive shrubs tend to increase in undeveloped and natural areas following ground disturbance or vegetation disturbance. As a result, undeveloped areas that are to be permanently retained will not be subject to soil or vegetation disturbance during construction and development activities; the only exception will be the invasive shrub removal in undeveloped areas.

The four (4) invasive shrub species will be controlled through two rounds of treatments—one during the initial construction phases and a second follow-up control visit. The first control round will consist of stump cutting and herbicide treatments within all undeveloped areas during construction phases. In undeveloped areas, stump cutting with herbicidal application will be an effective means to eradicate/control the four (4) invasive shrub species. While cutting removes the canopy of invasive shrubs, the herbicide treatment is necessary to kill roots and prevent re-sprout. Cut stump treatments are usually preferred over broadcast herbicidal spraying, because stump treatments can more easily avoid non-target species during herbicide application. The most effective time to cut and chemically treat the stumps is from late summer through the fall; however, cutting and herbicidal application can be conducted during winter as well.

In construction areas, a construction barrier will be placed around the drip line perimeter of protected trees in order to protect them from damage. However, removal of the four (4) invasive shrub species will still need to occur near and beneath these trees. Removal of invasive shrub species and other site grading activities within the protected zone of a landmark tree or sovereign tree shall be done with care.

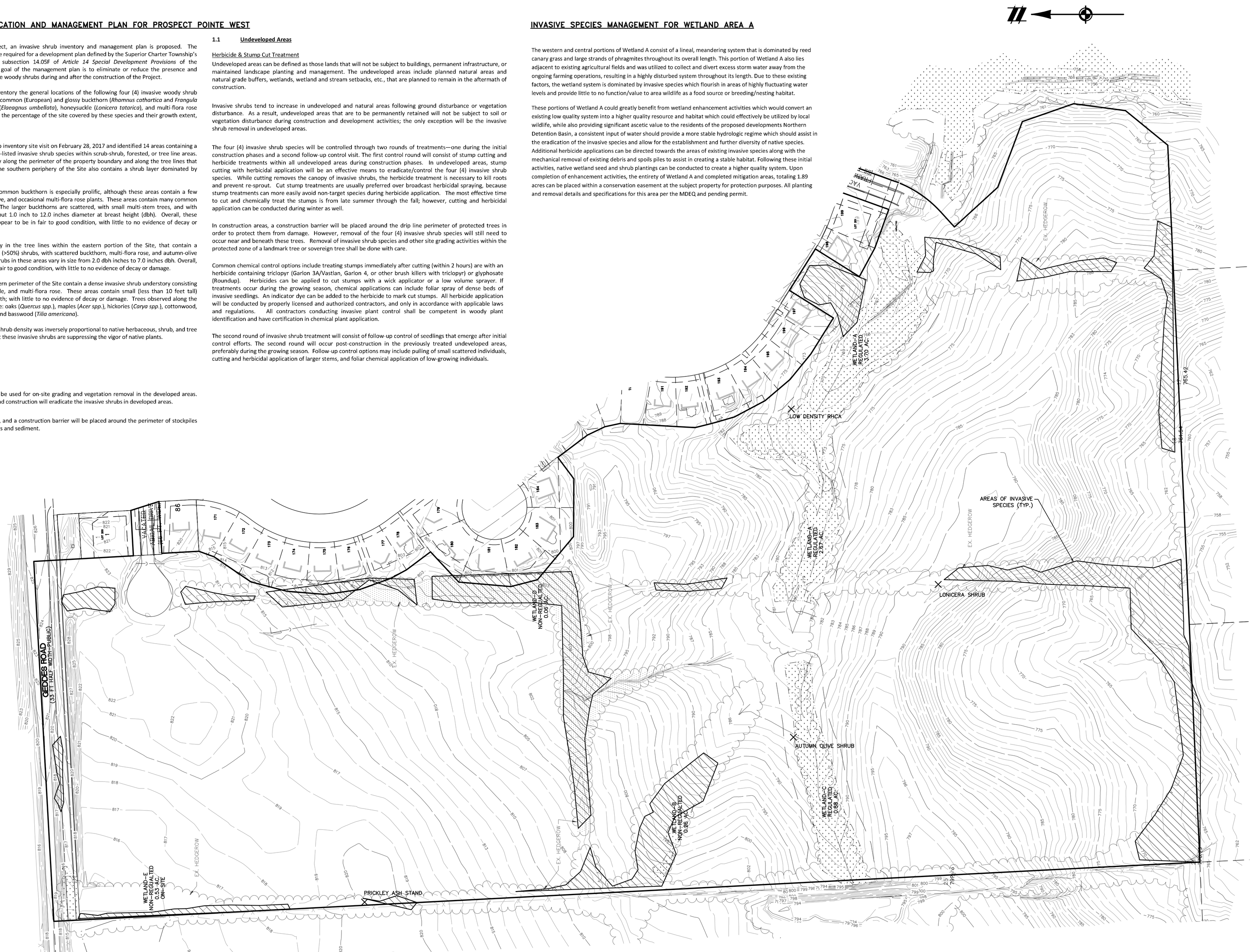
Common chemical control options include treating stumps immediately after cutting (within 2 hours) are with an herbicide containing triclopyr (Garlon 3A/Vastlan, Garlon 4, or other brush killers with triclopyr) or glyphosate (Roundup). Herbicides can be applied to cut stumps with a wick applicator or a low volume sprayer. If treatments occur during the growing season, chemical applications can include foliar spray of dense beds of invasive seedlings. An indicator dye can be added to the herbicide to mark cut stumps. All herbicide application will be conducted by properly licensed and authorized contractors, and only in accordance with applicable laws and regulations. All contractors conducting invasive plant control shall be competent in woody plant identification and have certification in chemical plant application.

The second round of invasive shrub treatment will consist of follow-up control of seedlings that emerge after initial control efforts. The second round will occur post-construction in the previously treated undeveloped areas, preferably during the growing season. Follow-up control options may include pulling of small scattered individuals, cutting and herbicidal application of larger stems, and foliar chemical application of low-growing individuals.

INVASIVE SPECIES MANAGEMENT FOR WETLAND AREA A

The western and central portions of Wetland A consist of a lineal, meandering system that is dominated by reed canary grass and large strands of phragmites throughout its overall length. This portion of Wetland A also lies adjacent to existing agricultural fields and was utilized to collect and divert excess storm water away from the ongoing farming operations, resulting in a highly disturbed system throughout its length. Due to these existing factors, the wetland system is dominated by invasive species which flourish in areas of highly fluctuating water levels and provide little to no function/value to area wildlife as a food source or breeding/nesting habitat.

These portions of Wetland A could greatly benefit from wetland enhancement activities which would convert an existing low quality system into a higher quality resource and habitat which could effectively be utilized by local wildlife, while also providing significant ascetic value to the residents of the proposed developments Northern Detention Basin, a consistent input of water should provide a more stable hydrologic regime which should assist in the eradication of the invasive species and allow for the establishment and further diversity of native species. Additional herbicide applications can be directed towards the areas of existing invasive species along with the mechanical removal of existing debris and spoils piles to assist in creating a stable habitat. Following these initial activities, native wetland seed and shrub plantings can be conducted to create a higher quality system. Upon completion of enhancement activities, the entirety of Wetland A and completed mitigation areas, totaling 1.89 acres can be placed within a conservation easement at the subject property for protection purposes. All planting and removal details and specifications for this area per the MDEQ and pending permit.



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FINAL SITE PLAN – PHASE 2
INVASIVE SPECIES REMOVAL PLAN

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS

0 50 100
SCALE: 1" = 100 FEET

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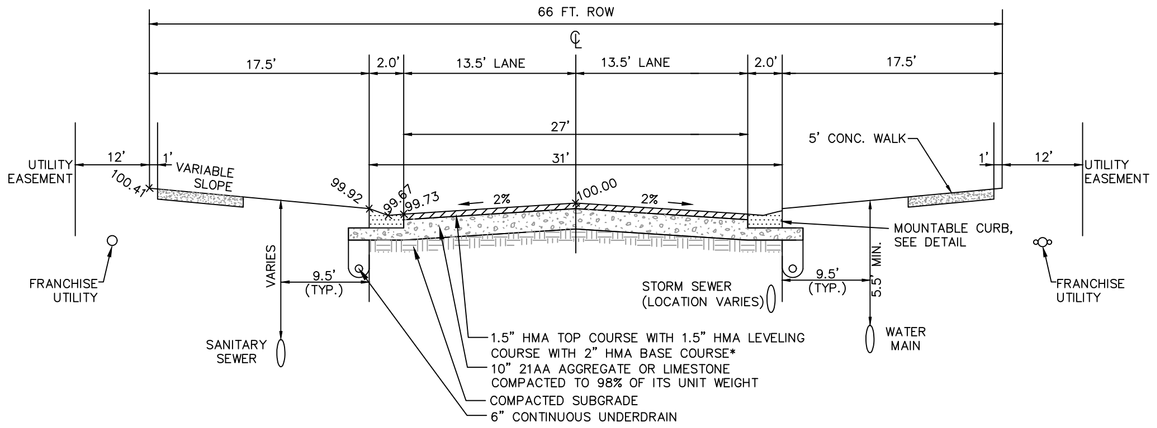
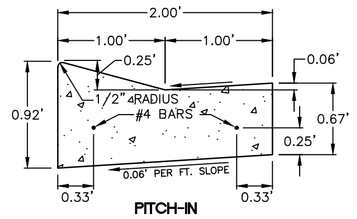


RESIDENTIAL ROADWAYS (PRIVATE)

NOT TO SCALE

* NOTES:
1. REFER TO CURRENTLY APPROVED WCRC HMA MIX DESIGNS AND BINDER REQUIREMENTS PRIOR TO CONSTRUCTION.
2. ALL PROPOSED UTILITIES SHALL BE WITHIN THE RIGHT-OF-WAY OR WITHIN AN EASEMENT OUTSIDE OF THE RIGHT-OF-WAY.

ASSUMED SECTION:
1.5" LVSP WEARING COURSE with 3% max air voids
1.5" LVSP LEVELING COURSE
2" 4E1 BASE COURSE
All HMA shall limit RAP to 25%



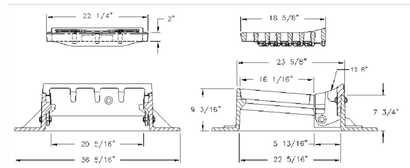
PITCH-IN

MOUNTABLE CURB & GUTTER

NO SCALE

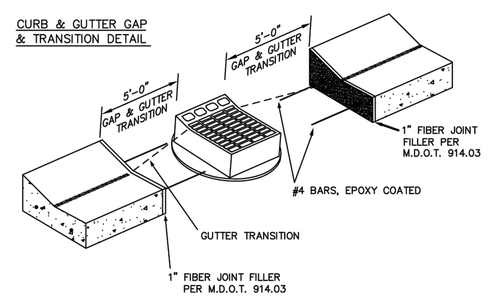
NOTE:
1. BASE AND SUBBASE AGGREGATES TO EXTEND MINIMUM 1'-0" BEHIND BACK OF CURB.
2. CURB CATCH BASIN CASTING TO BE EJIW 7065 WITH M1 GRATE OR APPROVED ALTERNATE, SEE BELOW.

7065 CATCH BASIN CURB INLET
Heavy duty
With 7045 Type M1 grate and 7060 T1 back
Approximate 195 sq. in. open area
Accepts 7045 grates
Special lettered grate
"DUMP NO WASTE!" lettering and fish image



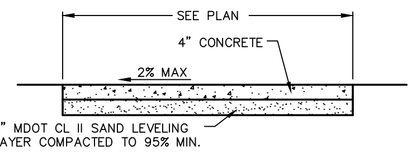
7065 CATCH BASIN CURB CASTING

NO SCALE



CURB & GUTTER GAP & TRANSITION DETAIL

NO SCALE



NOTE: WALKS TO BE 6" THICK THROUGH DRIVES

CONCRETE SIDEWALK SECTION

NOT TO SCALE

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FINAL SITE PLAN – PHASE 2

DETAIL SHEET 1

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS
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N/A

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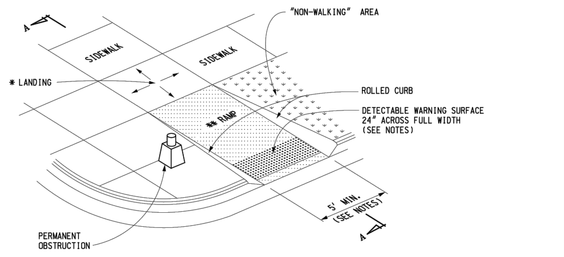
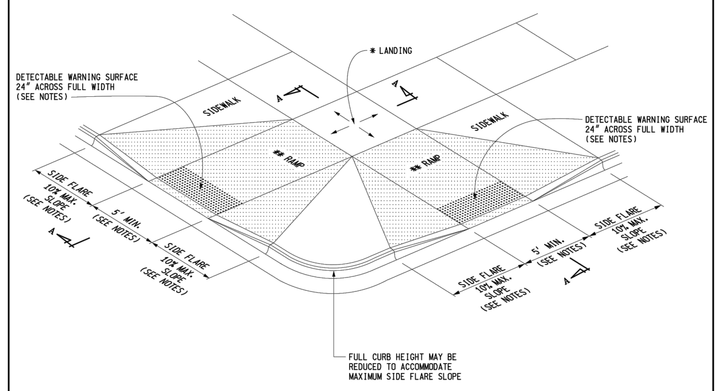
* MAXIMUM LANDING SLOPE IS 2.0% IN EACH DIRECTION OF TRAVEL. MINIMUM DIMENSIONS 5' x 5'. SEE NOTES.

** MAXIMUM RAMP CROSS SLOPE IS 2.0%. RUNNING SLOPE 5% - 7% (8.3% MAXIMUM). SEE NOTES.



SIDEWALK RAMP TYPE R
(ROLLED SIDES)



SIDEWALK RAMP TYPE F
(FLARED SIDES, TWO RAMPS SHOWN)

MDOT	DEPARTMENT DIRECTOR Kirk T. Steudle	MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS		
PREPARED BY DESIGN DIVISION	APPROVED BY: DIRECTOR, BUREAU OF FIELD SERVICES			
DRAWN BY: B.L.T.	APPROVED BY: DIRECTOR, BUREAU OF DEVELOPMENT	T.R.N.S. APPROVAL	3-15-2016 PLAN DATE	R-28-J
CHECKED BY: K.K.T.				SHEET 1 OF 7

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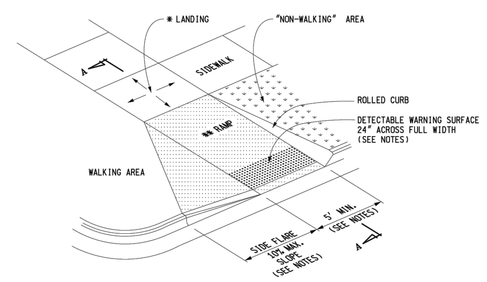
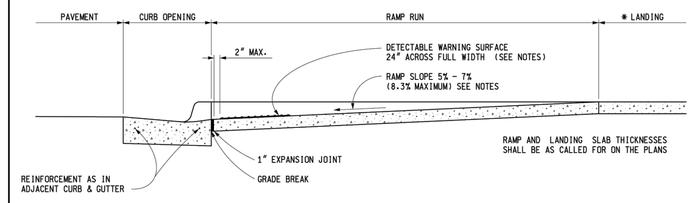
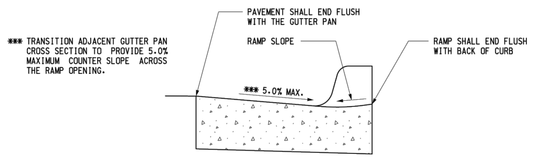


SIDEWALK RAMP TYPE RF
(ROLLED / FLARED SIDES)



SECTION A-A



SECTION THROUGH CURB OPENING
(TYPICAL ALL RAMP TYPES)

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
T.R.N.S. APPROVAL	3-15-2016 PLAN DATE	R-28-J	SHEET 2 OF 7

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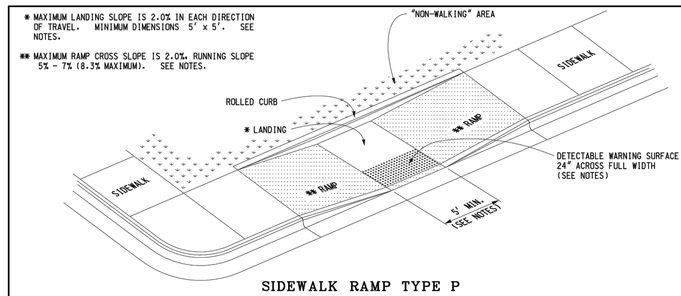
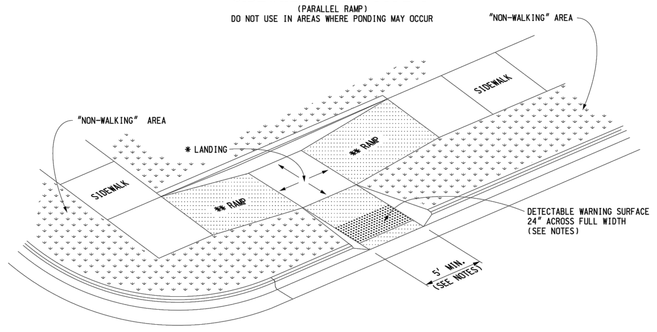
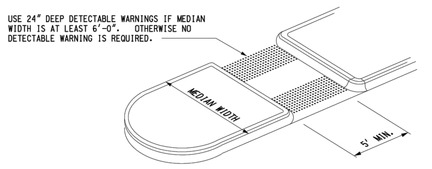


SIDEWALK RAMP TYPE P
(PARALLEL RAMP)

DO NOT USE IN AREAS WHERE PONDING MAY OCCUR



SIDEWALK RAMP TYPE C
(COMBINATION RAMP)



SIDEWALK RAMP TYPE M
(MEDIAN ISLAND)

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
T.R.N.S. APPROVAL	3-15-2016 PLAN DATE	R-28-J	SHEET 3 OF 7

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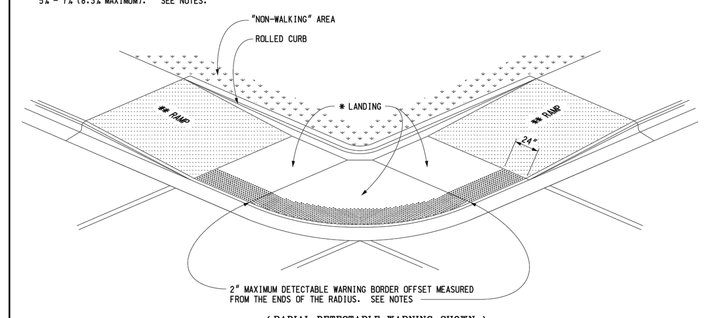
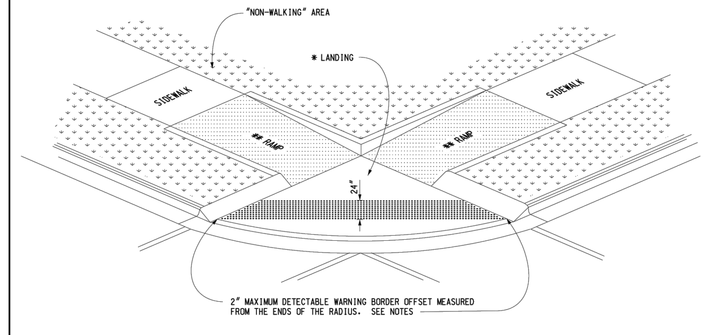


(RADIAL DETECTABLE WARNING SHOWN)

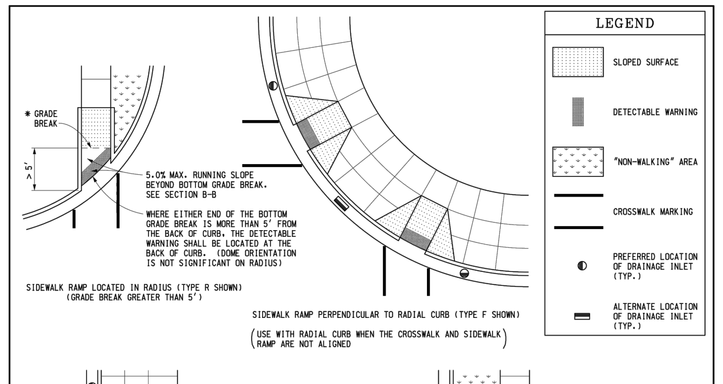


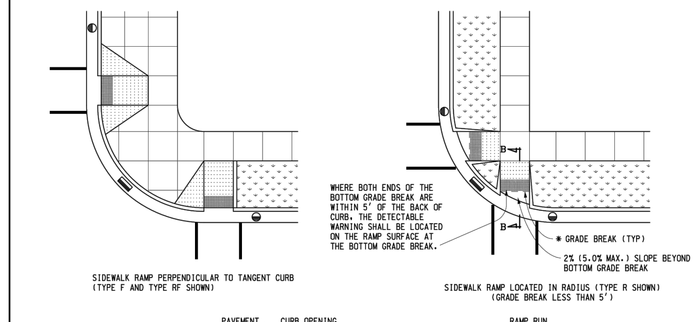
(TANGENT DETECTABLE WARNING SHOWN)

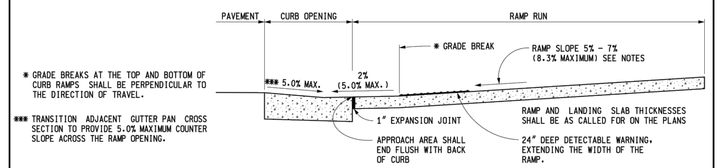
SIDEWALK RAMP TYPE D
(DEPRESSED CORNER)

USE ONLY WHEN INDEPENDENT DIRECTIONAL RAMPS CAN NOT BE CONSTRUCTED FOR EACH CROSSING DIRECTION

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
T.R.N.S. APPROVAL	3-15-2016 PLAN DATE	R-28-J	SHEET 4 OF 7



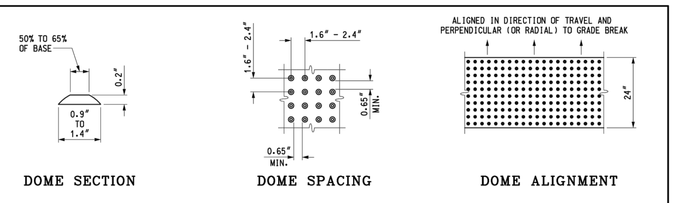




SECTION B-B

SIDEWALK RAMP ORIENTATION

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
T.R.N.S. APPROVAL	3-15-2016 PLAN DATE	R-28-J	SHEET 6 OF 7



DOME SECTION | DOME SPACING | DOME ALIGNMENT

DETECTABLE WARNING DETAILS

NOTES:

DETAILS SPECIFIED ON THIS PLAN APPLY TO ALL CONSTRUCTION, RECONSTRUCTION, OR ALTERATION OF STREETS, CURBS, OR SIDEWALKS IN THE PUBLIC RIGHT OF WAY.

SIDEWALK RAMPS ARE TO BE LOCATED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

RAMPS SHALL BE PROVIDED AT ALL CORNERS OF AN INTERSECTION WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB. RAMPS SHALL ALSO BE PROVIDED AT MARKED AND/OR SIGNALIZED MID-BLOCK CROSSINGS.

SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING, TRANSVERSE TO THE RUNNING SLOPE.

SIDEWALK SHALL BE RAMPED WHERE THE DRIVEWAY CURB IS EXTENDED ACROSS THE WALK.

CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP, WHERE CONDITIONS PERMIT, IT IS DESIRABLE THAT THE SLOPE OF THE RAMP BE IN ONLY ONE DIRECTION, PARALLEL TO THE DIRECTION OF TRAVEL.

RAMP WIDTH SHALL BE INCREASED, IF NECESSARY, TO ACCOMMODATE SIDEWALK SNOW REMOVAL EQUIPMENT NORMALLY USED BY THE MUNICIPALITY.

WHEN 5' MINIMUM WIDTHS ARE NOT FEASIBLE, RAMP WIDTH MAY BE REDUCED TO NOT LESS THAN 4' AND LANDINGS TO NOT LESS THAN 4' x 4'.

DETECTABLE WARNING SURFACE COVERAGE IS 24" MINIMUM IN THE DIRECTION OF RAMP/PATH TRAVEL AND THE FULL WIDTH OF THE RAMP/PATH OPENING EXCLUDING FLARED OR FLARED CURB TRANSITIONS. DETECTABLE WARNING SHALL NOT EXTEND BEYOND THE BACK OF CURB ALONG THE EDGES OF THE DETECTABLE WARNING IS ALLOWABLE. FOR RADIAL CURB THE OFFSET IS MEASURED FROM THE ENDS OF THE RADIUS.

FOR NEW ROADWAY CONSTRUCTION, THE RAMP CROSS SLOPE MAY NOT EXCEED 2.0%. FOR ALTERATIONS TO EXISTING ROADWAYS, THE CROSS SLOPE MAY BE TRANSITIONED TO MEET AN EXISTING ROADWAY GRADE. THE CROSS SLOPE TRANSITION SHALL BE APPLIED UNIFORMLY OVER THE FULL LENGTH OF THE RAMP.

THE MAXIMUM RUNNING SLOPE OF 8.3% IS RELATIVE TO A FLAT (0%) REFERENCE. HOWEVER, IT SHALL NOT REQUIRE ANY RAMP OR SERIES OF RAMPS TO EXCEED 15 FEET IN LENGTH.

DRAINAGE STRUCTURES SHOULD NOT BE PLACED IN LINE WITH RAMPS. THE LOCATION OF THE RAMP SHOULD TAKE PRECEDENCE OVER THE LOCATION OF THE DRAINAGE STRUCTURE. WHERE EXISTING DRAINAGE STRUCTURES ARE LOCATED IN THE RAMP PATH OF TRAVEL, USE A MANUFACTURER'S ADA COMPLIANT GRATE. OPENINGS SHALL NOT BE GREATER THAN ½". ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

TRANSITION THE GUTTER PAN CROSS SECTION SUCH THAT THE COUNTER SLOPE IN THE DIRECTION OF RAMP TRAVEL IS NOT GREATER THAN 5.0%. MAINTAIN THE NORMAL GUTTER PAN CROSS SECTION ACROSS DRAINAGE STRUCTURES.

THE TOP OF THE JOINT FILLER FOR ALL RAMP TYPES SHALL BE FLUSH WITH THE ADJACENT CONCRETE.

CROSSWALK AND STOP LINE MARKINGS, IF USED, SHALL BE SO LOCATED AS TO STOP TRAFFIC SHORT OF RAMP CROSSINGS. SPECIFIC DETAILS FOR MARKING APPLICATIONS ARE GIVEN IN THE "MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

FLARED SIDES WITH A SLOPE OF 10% MAXIMUM, MEASURED ALONG THE ROADSIDE CURB LINE, SHALL BE PROVIDED WHERE AN UNOBSTRUCTED CIRCULATION PATH LATERALLY CROSSES THE SIDEWALK RAMP. FLARED SIDES ARE NOT REQUIRED WHERE THE RAMP IS BORDERED BY LANDSCAPING, UNPAVED SURFACE OR PERMANENT FIXED OBJECTS. WHERE THEY ARE NOT REQUIRED, FLARED SIDES CAN BE CONSIDERED IN ORDER TO AVOID SHARP CURB RETURNS AT RAMP OPENINGS.

DETECTABLE WARNING PLATES MUST BE INSTALLED USING FABRICATED OR FIELD CUT UNITS CAST AND/OR ANCHORED IN THE PAVEMENT TO RESIST SHIFTING OR HEAVING.

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR SIDEWALK RAMP AND DETECTABLE WARNING DETAILS			
T.R.N.S. APPROVAL	3-15-2016 PLAN DATE	R-28-J	SHEET 7 OF 7

NOTE: CONTRACTOR RESPONSIBLE TO USE THE MOST CURRENT MDOT DETAILS AND SPECIFICATIONS, AS APPLICABLE.

Know what's below. Call before you dig.
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NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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SECTION 33
TOWN 2 SOUTH, RANGE 7 EAST
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

CLIENT
SE MICHIGAN LAND HOLDING LLC
PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

DETAIL SHEET 2

DATE
MARCH 1, 2024

05-20-2024 PER TWP

REVISIONS
NA NA NA
N/A

DR. SK | CH. SS
P.M. MB
BOOK --
JOB 16000819
SHEET NO. 38

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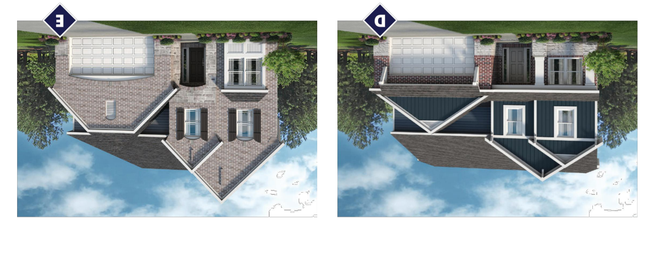
Nature Series
THE BLOOMINGTON
2,185-2,276 Sq. Ft. | 3-4 Bedrooms | 2.5-3 Baths

Lombardo H · O · M · E · S



Nature Series
THE AUSTIN
2,708-3,121 Sq. Ft. | 4-5 Bedrooms | 2.5-3 Baths

Lombardo H · O · M · E · S

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	WASHTENAW COUNTY, MICHIGAN

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BOOK	--
P.M.	MB
DR.	SK
CH.	SS
SHEET NO.	39

N/A

REVISIONS		
NA	NA	NA

05-20-2024 PER TWP

DATE
MARCH 1, 2024

CLIENT
SE MICHIGAN LAND HOLDING LLC

PROSPECT POINTE WEST
FINAL SITE PLAN – PHASE 2

TYPICAL BUILDING DETAILS

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TYPICAL ELEVATIONS AND FLOORPLANS SHOWN - FOR REPRESENTATIVE PURPOSES ONLY

Nature Series
THE COLUMBIA
2,432-2,782 Sq. Ft. | 4 Bedrooms | 2.5-3 Baths

Lombardo H•O•M•E•S

Nature Series
THE COLUMBIA
2,432-2,782 Sq. Ft. | 4 Bedrooms | 2.5-3 Baths

Lombardo H•O•M•E•S

Second Floor Plan

First Floor Plan

This depiction represents an artist's conception of the elevation and floor plan and is not intended to be an exact representation or show specific detailing. Plans remain subject to change without notice. Drawings are not to scale. All measurements shown are approximate and not necessarily to scale. Location, size and construction of doors, windows, wall, fireplaces and any other items depicted may vary depending on elevation preference or choice of options and are subject to change without notice. Some options and elevations shown may not be available in every neighborhood; see Sales Manager for details. Due to normal construction tolerances, the room sizes shown may vary slightly. The Builder may change home design, materials, features and methods of construction without prior notice. Model homes may contain some optional features not available through the Builder.

Rev. 3/4/21

Nature Series
THE COLUMBIA
First Floor Options

Lombardo H•O•M•E•S

Garage options vary by community. Please see sales manager for details.

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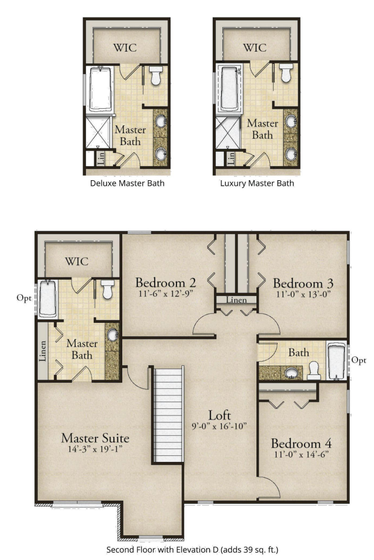
Rev. 3/20/21

Nature Series
THE COLUMBIA
Second Floor Options

Lombardo H•O•M•E•S



Second Floor with Elevation D (adds 39 sq. ft.)

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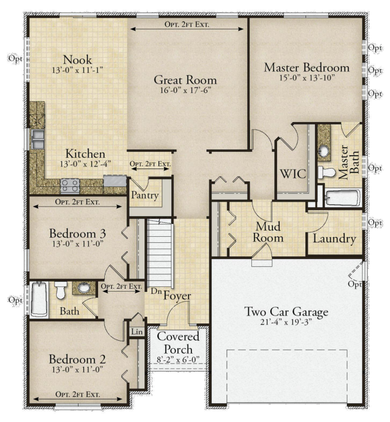
Rev. 3/4/21

Nature Series
THE DAVENPORT
1,856-2,005 Sq. Ft. | 3 Bedrooms | 2 Baths

Lombardo H•O•M•E•S

Nature Series
THE DAVENPORT
1,856-2,005 Sq. Ft. | 3 Bedrooms | 2 Baths

Lombardo H•O•M•E•S



First Floor Plan

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Rev. 3/4/21

Nature Series
THE DAVENPORT
Floor Plan Options

Lombardo H•O•M•E•S

Garage options vary by community. Please see sales manager for details.

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Rev. 3/20/21

TYPICAL ELEVATIONS AND FLOORPLANS SHOWN - FOR REPRESENTATIVE PURPOSES ONLY

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TYPICAL BUILDING DETAILS

DATE
MARCH 1, 2024
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REVISIONS
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N/A

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P.M. MB
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SHEET NO. 40

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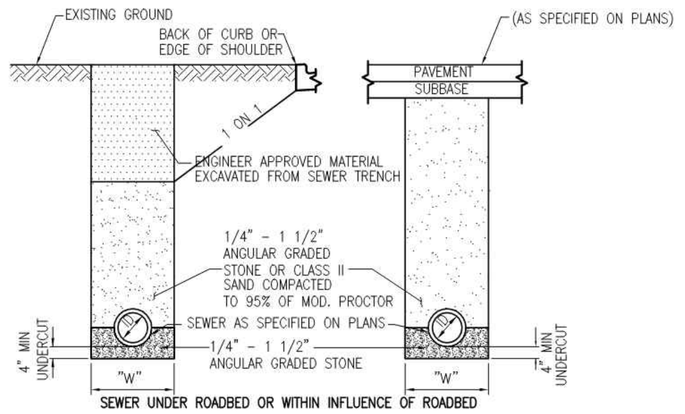
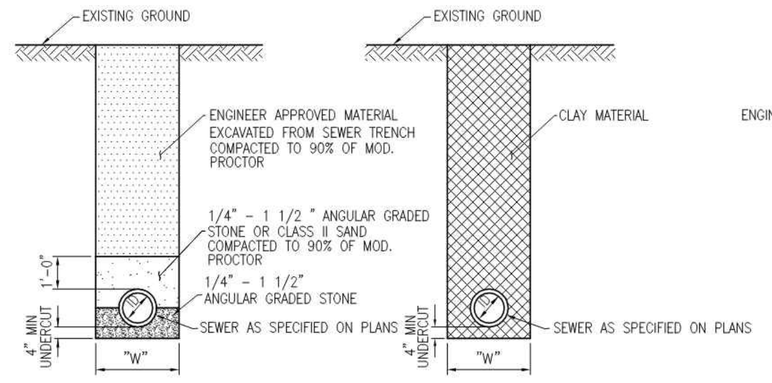


PLASTIC PIPE TRENCH DETAIL A



PLASTIC PIPE TRENCH DETAIL B

PLASTIC PIPE CLAY BACKFILL TRENCH DETAIL

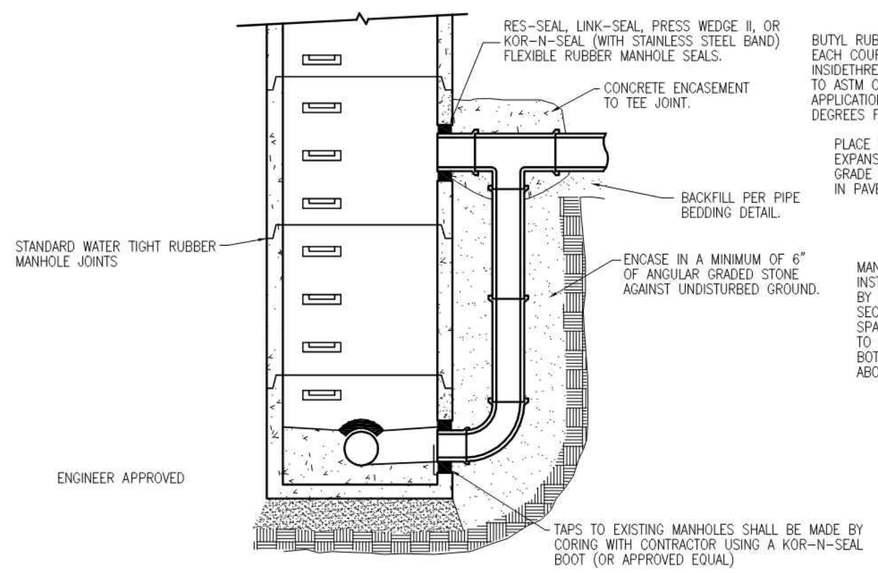
THE FOLLOWING ARE MINIMUM TRENCH WIDTHS:

I.D. PIPE SIZE (INCHES)	LESS THAN 18	21	24	30	36
"W" TRENCH WIDTH (FEET)	3.0	3.5	4.0	5.0	6.0

I.D. PIPE SIZE (INCHES)	42	48	54	60	66	72	78
"W" TRENCH WIDTH (FEET)	7.0	8.0	9.5	10.0	10.5	11.0	11.5

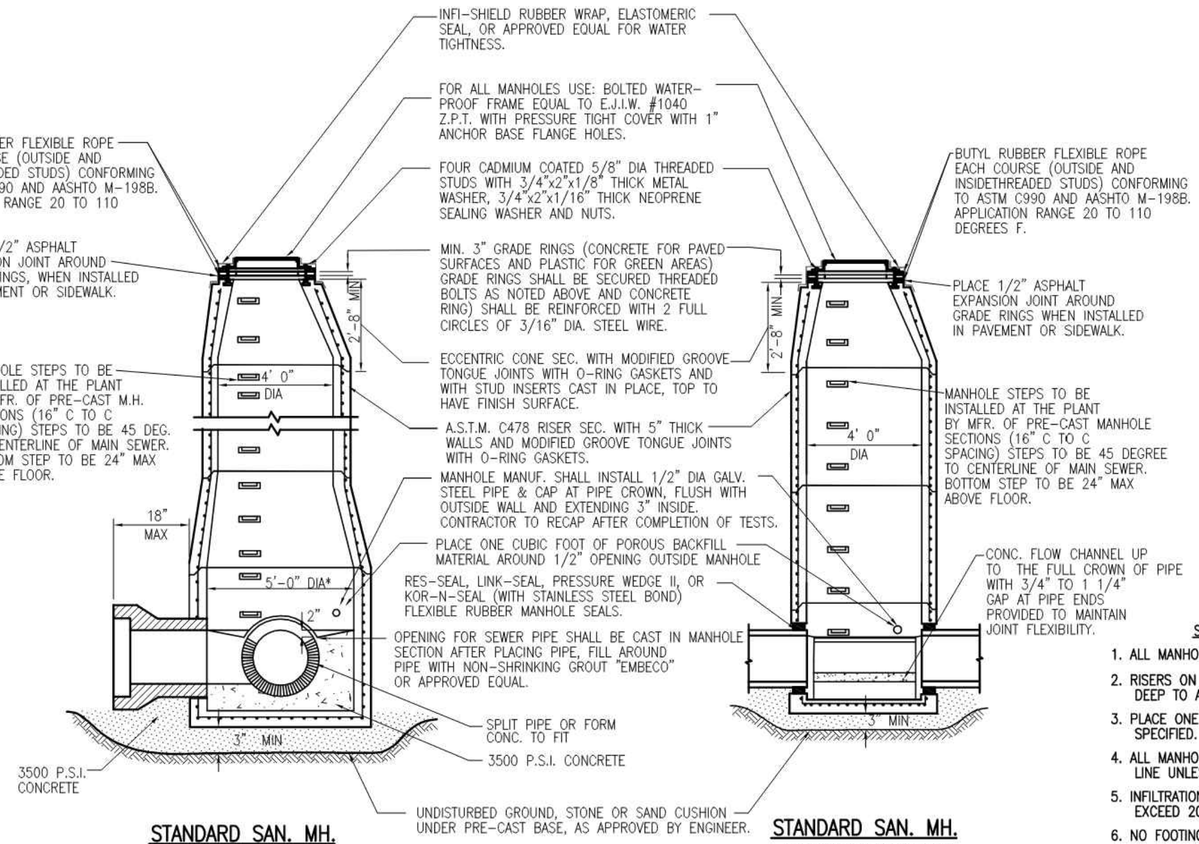
I.D. PIPE SIZE (INCHES)	84	90	96	102	108
"W" TRENCH WIDTH (FEET)	12.0	12.5	13.0	13.5	14.0

ESTIMATED PAVEMENT REMOVAL WIDTH IS TO BE TRENCH WIDTH "W" PLUS 1' EACH SIDE OF THE TRENCH (6' MINIMUM).



EXTERNAL DROP CONECTION
(HYDROGEN SULFIDE PROTECTION)

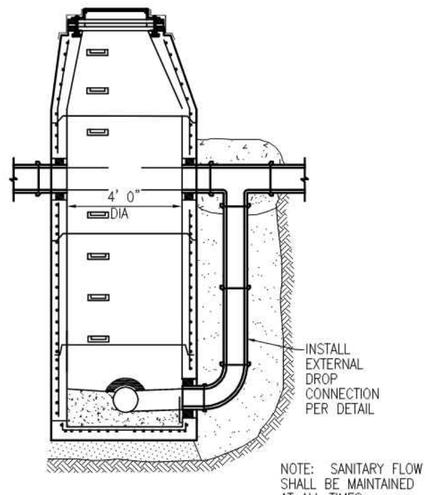
DIA OF SEWER	DIA OF DROP CONNECTION
8" & 10"	8"
12",15" & 18"	12"
21",24" & 30"	18"
36" & 42"	24"



STANDARD SAN. MH.
FOR SEWERS 24" THRU 42"

* MANHOLE DIAMETER TO MEET MANUFACTURERS REQUIREMENTS FOR BOTH STRAIGHT THRU & RIGHT ANGLE INSTALLATION

STANDARD SAN. MH.
FOR SEWERS 8" THRU 21"

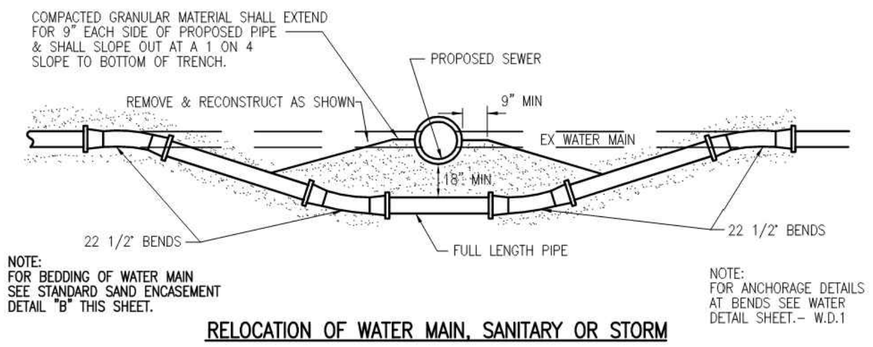


NOTE: SANITARY FLOW SHALL BE MAINTAINED AT ALL TIMES.

SANITARY MH. BUILT OVER EX SANITARY LINE
(SAME AS STANDARD SAN MH EXCEPT AS INDICATED HERE)
(HYDROGEN SULFIDE PROTECTION)

SANITARY SEWER CONSTRUCTION NOTES

1. ALL MANHOLE RIMS SHALL BE SET TO GRADE AS FURNISHED BY THE ENGINEER.
2. RISERS ON SANITARY SEWERS SHALL BE INSTALLED WHERE SEWER ARE OVER 10' DEEP TO A DEPTH OF 10'.
3. PLACE ONE 6" WYE FOR EACH LOT ON SANITARY SEWERS UNLESS OTHERWISE SPECIFIED.
4. ALL MANHOLES SHALL USE ECCENTRIC CONES PLACED TOWARD THE PROPERTY LINE UNLESS OTHERWISE NOTED.
5. INFILTRATION FOR ANY SECTION OF SEWERS BETWEEN MANHOLES SHALL NOT EXCEED 200 GALLONS PER INCH IN DIAMETER PER MILE OF SEWER PER 24 HRS.
6. NO FOOTING OR ROOF DRAINS SHALL BE CONNECTED TO THE PROPOSED SEWER.
7. DIFFERENTIAL OF EXCAVATION AROUND EXISTING MANHOLES SHALL NOT EXCEED 6 FEET.
8. NO CONNECTION RECEIVING STORM WATER, SURFACE WATER, OF GROUND WATER SHALL BE MADE TO SANITARY SEWERS.
9. ALL SEWERS SHALL BE SUBJECT TO TELEVISION INSPECTION AND AIR INFILTRATION OR EXFILTRATION TESTS, OR A COMBINATION OF SAME WITHIN 30 DAY OF BACKFILL, PRIOR TO ACCEPTANCE. ALL SEWERS OVER 24" DIAMETER SHALL BE SUBJECTED TO INFILTRATION TESTS. ALL SEWERS OF 24" DIAMETER OR SMALLER, WHERE THE GROUND WATER LEVEL ABOVE THE TOP OF THE SEWER IS OVER 2 FEET, SHALL BE SUBJECTED TO INFILTRATION TESTS. ALL SEWERS OF 24" DIAMETER OR LESS, WHERE THE GROUND WATER LEVEL ABOVE THE TOP OF THE SEWER IS 2 FEET OR LESS, SHALL BE SUBJECTED TO AIR TESTS OR EXFILTRATION TESTS.
10. ALL SEWER SYSTEM CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND GENERAL SPECIFICATIONS OF THE AGENCY OR AGENCIES HAVING JURISDICTION OF THE SEWER SYSTEM AND CONSTRUCTION AREA.
11. ALL SEWERS SHALL BE TELEVISED, WITH TEST RESULTS APPROVED BY THE TOWNSHIP UTILITY DEPARTMENT PRIOR TO PLACING THE SEWER IN SERVICE.
12. NO SEWER SHALL BE CONSTRUCTED LESS THAN 8" IN DIAMETER.
13. ALL STUBS SHALL HAVE A WATER AND AIR TIGHT BULKHEAD.
14. ALL ELEVATIONS ARE BASED ON NAVD 88 (ORIGINAL)
15. THE MINIMUM DIAMETER OF MANHOLES SHALL BE 48 INCHES, LARGER DIAMETERS ARE PREFERABLE FOR LARGER DIAMETER SEWERS. A MINIMUM ACCESS DIAMETER OF 22 INCHES SHALL BE PROVIDED.
16. CONTRACTOR SHALL PERFORM 9 POINT MANDREL TESTING PER SECTION V, OPEN CUT SEWERS OF THE SPECIFICATIONS.
17. SANITARY SEWER SHALL BE COMPOSITE ABS OR PVC TRUSS PIPE CONFORMING TO REQUIREMENTS OF ASTM D-2680 OR, PVC PIPE CONFORMING TO ASTM D-3034 (SDR 26) MAY BE USED WHERE DEPTH IS LESS THAN 15'.
18. JOINTS FOR PLASTIC PIPE SHALL BE PUSH-ON TYPE OR IN SPECIAL APPLICATIONS SOLVENT JOINTS, WHERE SPECIFIED, SHALL CONFORM TO ASTM D-3112 AND F-477. SOLVENT-CEMENTED JOINTS, WHERE SPECIFIED, SHALL CONFROM TO ASTM D-2855.
19. JOINTS ON TRUSS PIPE SHALL CONSIST OF ABS PLASTIC COUPLINGS CHEMICALLY CEMENTED TO THE ENDS OF THE PIPE BEING CONNECTED. SOLVENTS AND METHODS USED IN MAKING THE CHEMICAL BOND SHALL BE IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS, AND THE INSTALLATION TECHNIQUE SHALL CONFORM TO ASTM D - 2321, OR LATEST REVISION.
20. MANHOLE STEPS TO BE PLASTIC COATED MEETING THE REQUIREMENTS IN ASTM D2146, TYPE II, GRADE 49108, M.A. INDUSTRIES P.S.I. POLYPROPYLENE, OR E.J.I.W. 8502.
21. A VIDEOTAPE (WITH LOG AND LEAD LOCATIONS) SHALL BE SUBMITTED AND APPROVED BY THE TOWNSHIP PRIOR TO THE FINAL ACCEPTANCE. SAID VIDEOTAPE SHALL BE PERFORMED PRIOR TO FINAL ACCEPTANCE OF THE SYSTEM.
22. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL TELEPHONE MISS DIG (800-482-7171) A MINIMUM OF 30 DAYS AFTER DAYS AFTER COMPLETION OF BACKFILL. FOR THE LOCATION IF UNDER GROUND PIPELINE AND CABLE FACILITIES AND SHALL ALSO NOTIFY REPRESENTATIVES.
23. MINIMUM DEPTH TO TOP OF PIPE SHALL BE 4 FEET.
24. THE MAXIMUM DEPTH TO INVERT OF ANY SANITARY SEWER SHALL NOT EXCEED THE DEPTH RECOMMENDED BY THE MANUFACTURER FOR EACH SIZE AND CLASS AND PIPE.
25. INLET AND OUTLET PIPES SHALL BE JOINED TO THE MANHOLE WITH A GASKETED FLEXIBLE WATERTIGHT CONNECTION THAT ALLOWS DIFFERENTIAL SETTLEMENT OF THE PIPE AND MANHOLE WALL TO TAKE PLACE.
26. A BENCH SHALL BE PROVIDED ON EACH SIDE OF ANY MANHOLE CHANNEL WHEN THE PIPE DIAMETER IS LESS THAN THE MANHOLE DIAMETER. THE BENCH SHOULD BE SLOPED NO LESS THAN 1/2 INCH PER FOOT. NO LATERAL SEWER, SERVICE CONNECTION, OR DROP MANHOLE PIPE SHALL DISCHARGE ONTO THE SURFACE OF THE BENCH.
27. WHERE WORK IS TO BE PERFORMED IN THE VICINITY OF A SUPERIOR TOWNSHIP MAIN, CONTRACTOR SHALL NOTIFY THE SUPERIOR TOWNSHIP UTILITY DEPARTMENT AT (734) 480-5500 AT LEAST 3 WORKING DAYS PRIOR TO START OF CONSTRUCTION AS WELL AS TOWNSHIP ENGINEER TO SCHEDULE INSPECTION.
28. AN ELASTOMERIC SEAL OR RUBBER WRAP SHALL BE PLACED AROUND EACH MANHOLE FRAME AND CONE SECTION FOR WATER TIGHTNESS.

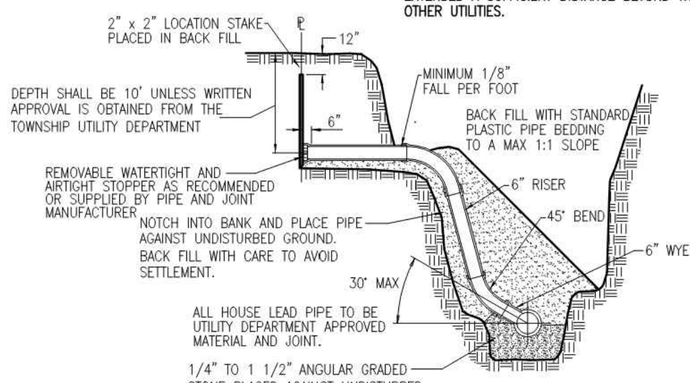


NOTE:
FOR BEDDING OF WATER MAIN SEE STANDARD SAND ENCASEMENT DETAIL "B" THIS SHEET.

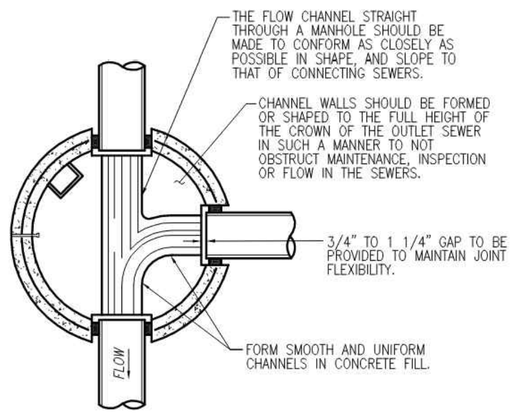
NOTE:
FOR ANCHORAGE DETAILS AT BENDS SEE WATER DETAIL SHEET.- W.D.1

RELOCATION OF WATER MAIN, SANITARY OR STORM

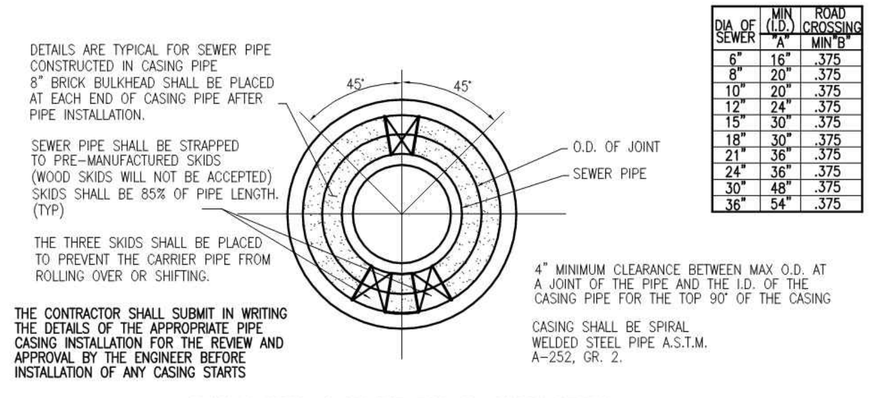
NOTE:
IN THE EVENT THAT OTHER UTILITIES ARE TO BE INSTALLED IN THE EASEMENT ADJACENT TO THE THE PROPERTY LINE, THE SEWER LEAD SHALL BE EXTENDED A SUFFICIENT DISTANCE BEYOND THE OTHER UTILITIES.



HOUSE LEAD DETAIL

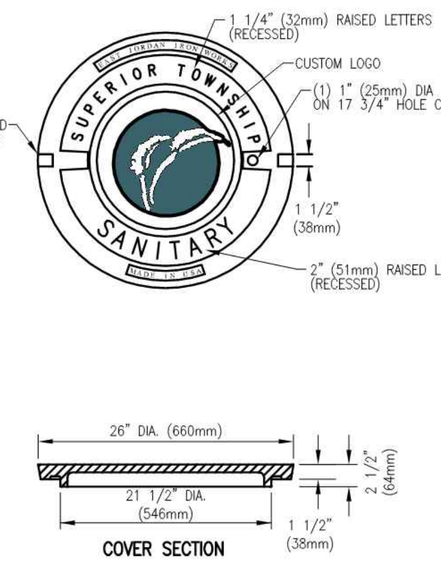


CHANNEL DETAIL



DIA OF SEWER	MIN (I.D.) "A"	ROAD CROSSING MIN "B"
6"	16"	.375
8"	20"	.375
10"	20"	.375
12"	24"	.375
15"	30"	.375
18"	30"	.375
21"	36"	.375
24"	36"	.375
30"	48"	.375
36"	54"	.375

PIPE BARREL SUPPORT FOR SANITARY SEWER CONSTRUCTED IN CASING PIPE

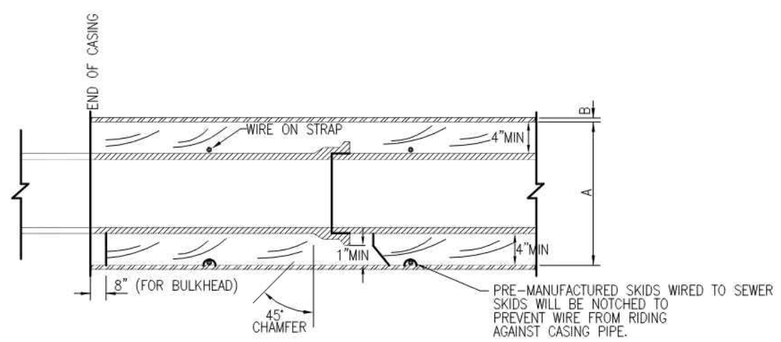


COVER SECTION

BOTTOM VIEW

PICKHOLE DETAIL

STANDARD COVER & FRAME



STANDARD CASING SECTION

OHM

COUNTY: WASHTENAW
CITY/VILLAGE/TOWNSHIP: CHARTER TOWNSHIP OF SUPERIOR
SCALE: H: NTS V: N/A*
HORIZ DATUM: N/A
VERT DATUM: N/A
REVISIONS:

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DESIGNED: CJP
DRAWN: DK
CHKD: DK
APP'D: DLG/JGL
DATE: OCT 2003
PROJ MGR: CJP
ENG/ARCH: DLG/JGL
SECTION: 000-00-0000
TOWN: CHARTER TOWNSHIP OF SUPERIOR
RANGE:
REVISIONS:

CHARTER TOWNSHIP OF SUPERIOR
STANDARD SANITARY DETAILS

SHEET
1
OF 2

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SANITARY SEWER ACCEPTANCE TESTS

GENERAL

ALL SANITARY SEWERS SHALL BE SUBJECTED TO INFILTRATION, EXFILTRATION OR LOW PRESSURE AIR TESTS, OR A COMBINATION THEREOF PRIOR TO FINAL ACCEPTANCE BY THE TOWNSHIP. IN ADDITION, ALL PVC AND ABS PLASTIC SEWERS SHALL BE SUBJECTED TO DEFLECTION TESTING BY MEANS OF A NINE-POINT MANDREL DEFLECTION TEST.

THE TOWNSHIP'S INSPECTION SHALL BE PRESENT FOR ALL TESTING OPERATIONS. IF TESTING IS TO BE DONE BY THE CONTRACTOR, ONLY PROPERLY TRAINED PERSONNEL SHALL BE ALLOWED TO PERFORM THE TESTING WORK. IF TESTING IS TO BE DONE BY MUNICIPAL AGENCY WORK FORCES, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE INSPECTOR IN ORDER TO SCHEDULE THE TESTING.

IN THE EVENT THAT THE SEWER PIPE FAILS ANY OF THE REQUIRED TESTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING THE PIPE AND REPEATING THE TEST UNTIL ACCEPTABLE RESULTS ARE ACHIEVED.

THE METHOD OF TESTING AND MEASUREMENT SHALL BE APPROVED BY THE TOWNSHIP. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR MAKING THE TESTS.

INFILTRATION TEST

ALL SANITARY SEWERS THAT ARE OVER TWENTY-FOUR (24) INCHES IN DIAMETER SHALL BE SUBJECTED TO AN INFILTRATION TEST. ALSO, ALL SANITARY SEWERS THAT ARE TWENTY-FOUR (24) INCHES IN DIAMETER AND SMALLER AND WHERE THE GROUND WATER LEVEL IS MORE THAN TWO (2) FEET ABOVE THE TOP OF THE SEWER SHALL BE SUBJECTED TO AN INFILTRATION TEST.

THE INFILTRATION RATE FOR ALL SANITARY SEWERS SHALL NOT EXCEED A MAXIMUM OF TWO HUNDRED (200) GALLONS PER INCH DIAMETER PER MILE OF SEWER PER TWENTY-FOUR (24) HOURS.

LOW PRESSURE AIR TEST

ALL SANITARY SEWERS THAT ARE TWENTY-FOUR (24) INCHES IN DIAMETER OR SMALLER AND WHERE THE GROUND WATER LEVEL IS TWO (2) FEET OR LESS ABOVE THE TOP OF THE SEWER SHALL BE SUBJECTED TO A LOW PRESSURE AIR TEST.

THE PROCEDURE FOR AIR TESTING OF SEWERS SHALL BE AS FOLLOWS:

THE SEWER LINE SHALL BE TESTED IN INCREMENTS BETWEEN MANHOLES. THE LINE SHALL BE CLEANED AND PLUGGED AT EACH MANHOLE. SUCH PLUGS SHALL BE DESIGNED TO HOLD AGAINST THE TEST PRESSURE AND SHALL PROVIDE AN AIRTIGHT SEAL. ONE OF THE PLUGS SHALL HAVE AN ORIFICE THROUGH WHICH AIR CAN BE INTRODUCED INTO THE SEWER. AN AIR SUPPLY LINE SHALL BE CONNECTED TO THE ORIFICE. THE SUPPLY LINE SHALL BE FITTED WITH SUITABLE CONTROL VALVES AND A PRESSURE GAUGE FOR CONTINUALLY MEASURING THE AIR PRESSURE IN THE SEWER. THE PRESSURE GAUGE SHALL HAVE A MINIMUM DIAMETER OF THREE AND ONE-HALF (3-1/2) INCHES AND A RANGE OF 0 – 10 PSIG. THE GAUGE SHALL HAVE MINIMUM DMSIONS OF 0–10 PSIG AND ACCURACY OF PLUS OR MINUS (+/–) 0.04 PSIG.

THE SEWER SHALL BE PRESSURIZED TO 4 PSIG GREATER THAN THE GREATEST BACK PRESSURE CAUSED BY GROUND WATER OVER THE TOP OF THE SEWER PIPE. AT LEAST TWO (2) MINUTES SHALL BE ALLOWED FOR THE AIR PRESSURE TO STABILIZE BETWEEN THREE AND ONE HALF (3.5) AND FOUR (4) PSIG. IF NECESSARY, AIR SHALL BE ADDED TO THE SEWER TO MAINTAIN A PRESSURE OF 3.5 PSIG OR GREATER.

AFTER THE STABILIZATION PERIOD, THE AIR SUPPLY CONTROL VALVE SHALL BE CLOSED SO THAT NO MORE AIR WILL ENTER THE SEWER. THE SEWER AIR PRESSURE SHALL BE NOTED AND TIMING FOR THE TEST BEGUN. IF THE AIR PRESSURE IS LESS THAN THREE AND ONE HALF (3.5) PSIG, OR SUCH OTHER PRESSURE AS IS NECESSARY TO COMPENSATE FOR GROUND WATER LEVEL.

THE TIME REQUIRED FOR THE AIR PRESSURE TO DECREASE ONE (1.0) PSIG DURING THE TEST SHALL NOT BE LESS THAN THE TIME SHOWN IN THE FOLLOWING AIR TEST TABLES. THE CONTRACTOR SHALL USE THE APPROPRIATE TEST TABLE BASED UPON THE SEWER PIPE MATERIAL.

AIR TEST TABLE FOR VITRIFIED CLAY AND CONCRETE PIPE

SPECIFICATION TIME (MIN:SEC) REQUIRED FOR PRESSURE DROP FROM 3-1/2 TO 2-1/2 PSIG WHEN TESTING ONE PIPE DIAMETER ONLY

PIPE DIAMETER, INCHES

LENGTH OF LINE, FEET	4	6	8	10	12	15	18	21	24	27	30	33	36	39	42
25	0:04	0:10	0:18	0:22	0:27	0:36	0:45	1:03	0:54	1:03	1:12	1:21	1:30	1:39	1:50
50	0:09	0:21	0:36	0:45	0:54	1:03	1:12	1:30	1:48	2:06	2:42	2:42	3:00	3:18	3:39
75	0:14	0:32	0:54	1:08	1:21	1:34	1:48	2:15	2:42	3:09	3:36	4:03	4:30	4:57	5:29
100	0:18	0:42	1:12	1:30	1:48	2:06	2:24	3:00	3:36	4:12	4:48	5:24	6:00	6:36	7:18
125	0:22	0:52	1:30	1:52	2:15	2:38	3:00	3:45	4:30	5:15	6:00	6:45	7:30	8:15	9:08
150	0:27	1:03	1:48	2:15	2:42	3:09	3:36	4:30	5:24	6:18	7:12	8:06	9:00	9:54	10:57
175	0:32	1:14	2:06	2:38	3:09	3:40	4:12	5:15	6:18	7:21	8:24	9:27	10:30	11:33	12:47
200	0:36	1:24	2:24	3:00	3:36	4:12	4:48	6:00	7:12	8:24	9:36	10:48	12:00	13:12	14:36
225	0:40	1:34	2:42	3:22	4:03	4:44	5:24	6:45	8:06	9:27	10:48	12:09	13:30	14:51	16:26
250	0:45	1:45	3:00	3:45	4:30	5:15	6:00	7:30	9:00	10:30	12:00	13:30	15:00	16:30	18:16
275	0:50	1:56	3:18	4:08	4:57	5:46	6:36	8:15	9:54	11:33	13:12	14:51	16:30	18:09	20:06
300	0:54	2:06	3:36	4:30	5:24	6:18	7:12	9:00	10:48	12:36	14:24	16:12	18:00	19:48	21:54
350	1:03	2:27	4:12	5:15	6:18	7:21	8:24	10:30	12:36	14:42	16:48	18:54	21:00	23:06	25:33
400	1:12	2:48	4:48	6:00	7:12	8:24	9:36	12:00	14:24	16:48	19:12	21:36	24:00	26:24	29:12
450	1:21	3:09	5:24	6:45	8:06	9:27	10:48	13:30	16:12	18:54	21:36	24:18	27:00	29:42	32:51
500	1:30	3:30	6:00	7:30	9:00	10:30	12:00	15:00	18:00	21:00	24:00	27:00	30:00	33:00	36:30

NOTE: THIS TABLE IS TAKEN FROM THE NATIONAL CLAY PIPE INSTITUTE (NCPI) TABLES WHICH ARE BASED UPON ASTM C828 "TEST METHOD FOR LOW PRESSURE AIR TEST FOR VITRIFIED CLAY PIPE LINES" AND ASTM C924 "STANDARD PRACTICE FOR TESTING CONCRETE PIPE SEWER LINES BY LOW PRESSURE AIR TEST METHOD."

AIR TEST TABLE FOR PVC AND ABS PIPE

MINIMUM SPECIFIED TIME REQUIRED FOR A 1.0 PSIG PRESSURE DROP FOR SIZE AND LENGTH OF PIPE INDICATED FOR Q=0.0015*

THE MINIMUM HOLDING TIME FOR THE PRESSURE TO DROP FROM 3.5 TO 2.5 PSIG (GREATER THAN ADDED GROUND WATER PRESSURE) SHALL NOT BE LESS THAN THAT GIVEN IN THE FOLLOWING TABLE FOR EACH TESTED RUN OF SEWER BETWEEN MANHOLES:

NOTE: AIR TESTING SHOULD NOT BE USED IF THE AIR PRESSURE REQUIRED FOR THE TEST EXCEEDS 9 PSIG.

PIPE DIAMETER INCHES	MINIMUM TIME MINUTES	LENGTH FOR MINIMUM TIME, FT.	TIME FOR LONGER LENGTH, S	SPECIFICATION TIME FOR LENGTH (L) SHOWN, MINUTES						
				100 FT	150 FT	200 FT	250 FT	300 FT	350 FT	400 FT	450 FT
4	3:46	597	0.380 L	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46
6	5:40	398	0.854 L	5:40	5:40	5:40	5:40	5:40	5:40	5:42	6:24
8	7:34	298	1.520 L	7:34	7:34	7:34	7:34	7:36	8:52	10:08	11:24
10	9:26	239	2.374 L	9:26	9:26	9:26	9:53	11:52	13:51	15:49	17:48
12	11:20	199	3.418 L	11:20	11:20	11:24	14:15	17:05	19:56	22:47	25:38
15	14:10	159	5.342 L	14:10	14:10	17:48	22:15	26:42	31:09	35:36	40:04
18	17:00	133	7.692 L	17:00	19:13	25:38	32:03	38:27	44:52	51:16	57:41
21	19:50	114	10.470 L	19:50	26:10	34:54	43:37	52:21	61:00	69:48	78:31
24	22:40	99	13.674 L	22:47	34:11	45:34	56:58	68:22	79:46	91:10	102:33
27	25:30	88	17.306 L	28:51	43:16	57:41	72:07	86:32			
30	28:20	80	21.366 L	35:37	53:25	71:13	89:02	106:50			
33	31:10	72	25.852 L	43:05	64:38	86:10	107:43	129:16			
36	34:00	66	30.768 L	51:17	76:55	102:34	128:12	153:50			

NOTE: THIS TABLE IS TAKEN FROM ASTM F1417 "STANDARD TEST METHOD FOR INSTALLATION AND ACCEPTANCE OF PLASTIC GRAVITY SEWER LINES USING LOW PRESSURE AIR TEST." ASTM F1417 CONFORMS TO UNI-BELL "RECOMMENDED PRACTICE FOR LOW PRESSURE AIR TESTING OF INSTALLED SEWER PIPE" (UNI-B-6-98)

* Q IS THE ALLOWABLE LEAKAGE RATE IN CUBIC FEET/MINUTE/SQUARE FOOT OF INSIDE SURFACE AREA OF PIPE

EXFILTRATION TEST

EXFILTRATION OR LEAKAGE FROM THE SEWER LINE CAN BE MEASURED BY RECORDING THE WATER LEVEL DROP OVER A GIVEN PERIOD OF TIME IN A STANDPIPE PLACED AND CONNECTED IN THE UPSTREAM MANHOLE. THE MEASURED DROP IN THE TIME PERIOD CAN BE CONVERTED BY CALCULATIONS TO THE LEAKAGE RATE IN TERMS OF GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY.

7) THE MEASURED DROPS IN THE STANDPIPE ARE CONVERTED TO LEAKAGE IN TERMS OF GALLONS PER INCH DIAMETER PER MILE PER DAY.

8) ANOTHER COMMONLY USED METHOD OF CONDUCTING WATER EXFILTRATION TESTING IS TO UTILIZE MANHOLE IN LIEU OF A STANDPIPE. THE TEST PROCEDURE IS EXACTLY AS OUTLINED FOR USING THE STANDPIPE, HOWEVER, SINCE THE MANHOLE IS LARGER IN DIAMETER THAN THE STANDPIPE, THIS METHOD NORMALLY REQUIRES A MINIMUM TWO (2) HOUR TEST PERIOD IN ORDER TO BE ABLE TO RECORD A MEASURABLE WATER LEVEL DROP. MANHOLE LEAKAGE MUST ALSO BE CONSIDERED IN THE LEAKAGE RATE AND TEST RESULTS.

9) CAUTION SHOULD BE TAKEN ABOUT CONDUCTING EXFILTRATION TESTS ON SEWER LINES LAID ON STEEP GRADES. CONSIDERATION MUST BE GIVEN TO THE DOWNSTREAM PORTION OF THE SYSTEM TO PREVENT EXCESSIVE PRESSURES IN THESE LOWER LINES. FOR THESE INSTALLATIONS AND WHERE THE UPSTREAM MANHOLES ARE VERY DEEP, IT IS NOT ADVISABLE TO FILL THE STANDPIPE OR MANHOLE TO THE TOP WHEN PERFORMING THE TEST.

DEFLECTION TEST FOR PLASTIC PIPE

DEFLECTION GAUGE (MANDREL): MANDREL TESTING SHALL TAKE PLACE TO ENSURE THE FLEXIBLE PIPE HAS BEEN PROPERLY EMBEDDED AND BACK-FILLED. THE DEFLECTION TEST MUST BE CONDUCTED NO LESS THAN 30 DAYS AFTER INSTALLATION OF THE FINAL BACKFILL. THE MAXIMUM ALLOWABLE DEFLECTION IS 5 PERCENT. INSTALLATION SHALL CONFORM TO ASTM 2321–89. A NINE–ARM (POINT) MANDREL SHALL BE USED. CHERNE FIXED STEEL DEFLECTION OR APPROVED EQUAL.

AS A MEANS OF INSURING THAT PIPE LAYING WAS PROPERLY DONE AND THAT ALL JOINTS ARE IN A "HOME" POSITION, THE CONTRACTOR SHALL PROVIDE VIDEOTAPING OF ALL OF THE PIPE LAID THAT IS THIRTY-SIX (36) INCHES IN DIAMETER AND SMALLER. THIS VIDEOTAPING SHALL BE DONE NO SOONER THAN THIRTY (30) DAYS AFTER COMPLETION OF BACKFILL. THE CONTRACTOR SHALL PROVIDE FORTY-EIGHT (48) HOURS NOTICE TO THE TOWNSHIP PRIOR TO VIDEOTAPING SO THAT A REPRESENTATIVE MAY BE PRESENT. A SATISFACTORY REVIEW OF THE VIDEOTAPE BY THE TOWNSHIP SHALL BE A CONDITION FOR SEWER ACCEPTANCE BY THE TOWNSHIP. TYPICAL ITEMS TO BE REVIEWED ON THE VIDEOTAPE WILL INCLUDE PIPE DEFLECTION, PIPE SETTLEMENT, LEAD CONNECTIONS, JOINTS AND CLEANLINESS. IF THE VIDEOTAPE REVIEW REVEALS UNSATISFACTORY CONDITIONS, THE CONTRACTOR SHALL CORRECT THE CONDITIONS AND SHALL RE-VIDEOTAPE THE AFFECTED PIPE SECTIONS FOR REVIEW BY THE TOWNSHIP.

VIDEOTAPING

1) ALL SERVICE LATERALS, STUBS AND FITTINGS INTO THE SEWER LINE(S) BEING TESTED SHOULD BE PROPERLY CAPPED OR PLUGGED, AND CAREFULLY BRACED TO RESIST THE THRUST ACTIONS DEVELOPED BY THE INTERNAL WATER PRESSURE. IN PREPARING THE BLOCKING OF PLUGS OR END CAPS, IT IS EXTREMELY IMPORTANT TO RECOGNIZE THAT THE FIVE (5) TO TEN (10) FEET OF HEAD IN THE STANDPIPE WILL EXERT CONSIDERABLE THRUST AGAINST THE PLUGS OR CAPS.

2) A PLUG IS INSERTED AND TIGHTENED IN THE INLET PIPE OF THE DOWNSTREAM MANHOLE TO WHICH THE WATER SUPPLY CONNECTION IS MADE FOR FILLING THE PIPE.

3) THE UPPER MANHOLE IS PLUGGED AND SECURELY TIGHTENED FOR CONNECTION TO THE STANDPIPE. THE STANDPIPE IS THEN PLACED IN THIS MANHOLE AND CONNECTED TO THE TAPPED PLUG. THE STANDPIPE MUST BE CAPABLE OF HANDLING FROM FIVE (5) TO TEN (10) FEET OF WATER HEAD TO DETERMINE THE TIGHTNESS AND SOUNDNESS OF THE SEWER LINE, AS SPECIFIED AND DIRECTED BY THE ENGINEER.

4) WATER IS INTRODUCED INTO THE LINE AT THE DOWNSTREAM (LOWER) MANHOLE UNTIL THE STANDPIPE IN THE UPSTREAM MANHOLE HAS BEEN COMPLETELY FILLED. BY FILLING THE LINE FROM THE LOWEST LEVEL, ALL AIR IN THE LINE IS EASILY PURGED AHEAD AND, FINALLY, DISCHARGED THROUGH THE STANDPIPE AT THE UPPER END OF THE TEST SECTION. CARE SHOULD BE TAKEN TO MINIMIZE ENTRAPPED AIR THAT WILL GIVE DISTORTED TEST RESULTS. THE RATE OF DROP IN THE STANDPIPE MAY BE QUITE RAPID UNTIL THE AIR HAS BEEN EXPELLED.

5) AFTER FILLING WITH WATER, THE LINE MUST BE ALLOWED TO STAND FOR AT LEAST FOUR (4) HOURS BEFORE BEGINNING THE TEST. DURING THIS TIME SOME WATER ABSORPTION INTO THE MANHOLE STRUCTURES AND SEWER PIPE WILL TAKE PLACE. AFTER THE WATER ABSORPTION HAS STABILIZED, THE WATER LEVEL IN THE STANDPIPE IS CHECKED AND WATER ADDED IF NECESSARY.

6) THE TEST IS NOW READY TO BEGIN. THE DROP IN THE STANDPIPE IS MEASURED AND RECORDED OVER A FIFTEEN (15) MINUTE PERIOD. TO VERIFY THE FIRST RESULTS, A SECOND FIFTEEN (15) MINUTE TEST WILL ALSO VERIFY WHETHER A STABLE CONDITION EXISTS IN THE LINE.

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	DATE
REVISIONS:	

DESIGN	CADD	ENG / ARCH	PROJ MGR	SECTION	TOWN	RANGE	QUAD	COUNTY
	DK	DLG/JDL						WASHTENAW

CHARTER TOWNSHIP OF SUPERIOR

CITY/VILLAGE/TOWNSHIP
CHARTER TOWNSHIP OF SUPERIOR

SCALE	V:	N/A	HORIZ DATUM	VERT DATUM
H: NTS			N/A	N/A

JOB NO. 000-00-0000

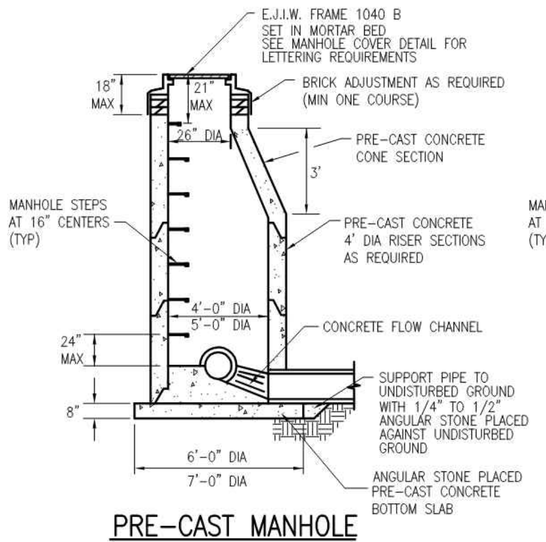
REVISIONS:

REVISIONS:

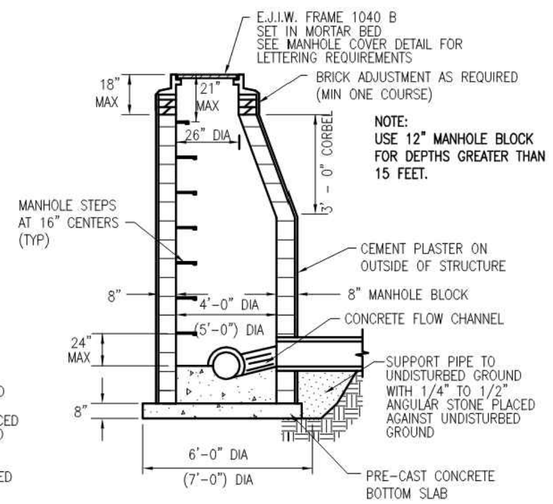
REVISIONS:

CHARTER TOWNSHIP OF SUPERIOR
STANDARD SANITARY DETAILS

SHEET 2 OF 2

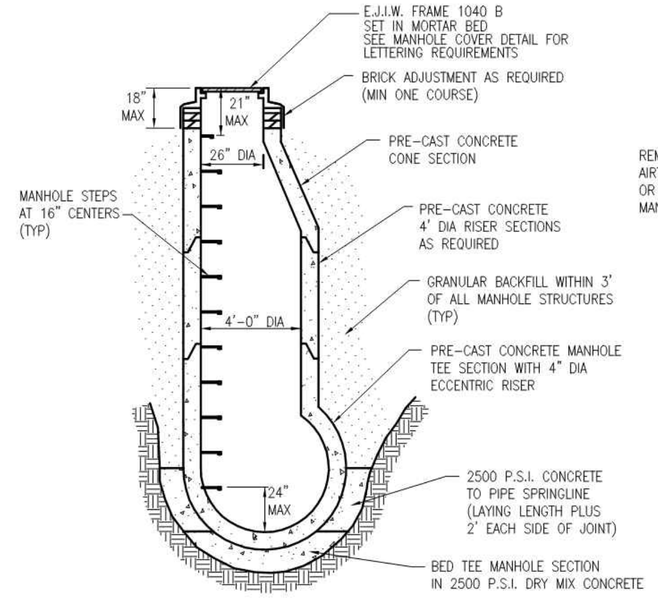


PRE-CAST MANHOLE

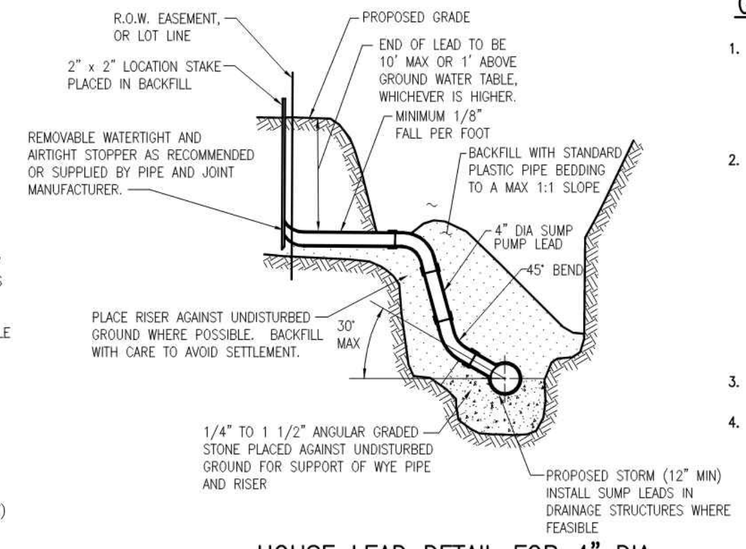


BLOCK MANHOLE

STANDARD MANHOLE DETAILS



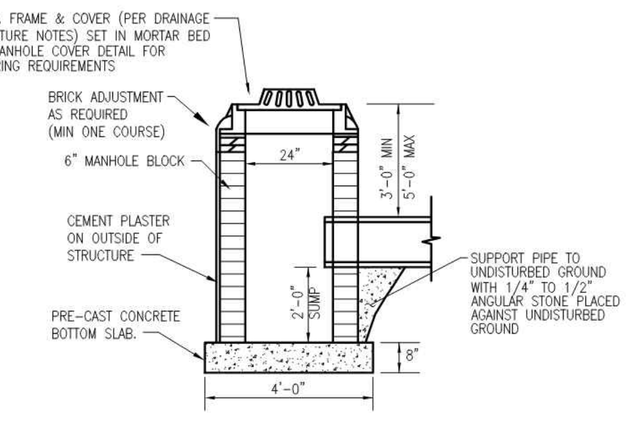
PRE-CAST TEE MANHOLE DETAIL



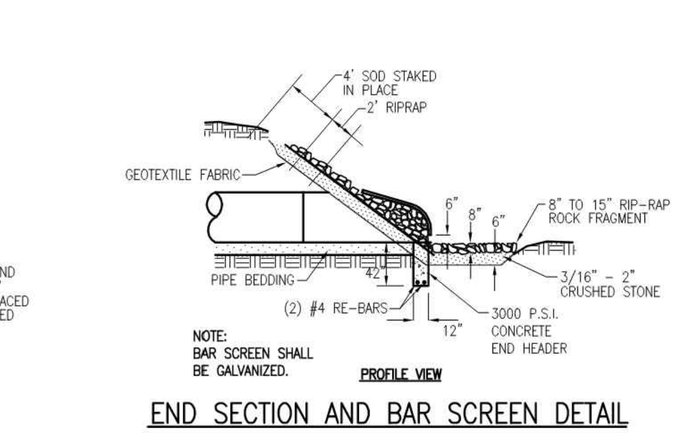
HOUSE LEAD DETAIL FOR 4" DIA
PLASTIC SUMP PUMP LEADS

GENERAL NOTES FOR STORM SEWER CONSTRUCTION

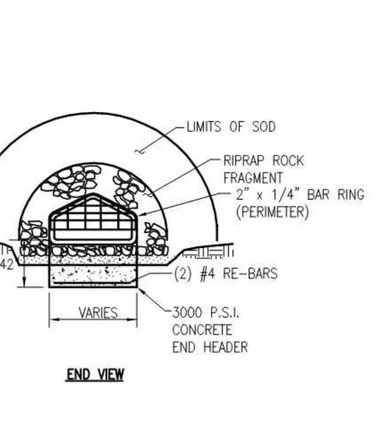
1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF CHARTER TOWNSHIP OF SUPERIOR.
   A. TYPE AND CLASS OF PIPE SHALL BE AS SPECIFIED ON PLANS.
   B. SAND BEDDING SHALL BE USED THROUGHOUT, UNLESS OTHERWISE SPECIFIED ON THE PLAN.
   C. ALL END SECTIONS 18" AND LARGER SHALL BE PROVIDED WITH A GALVANIZED BAR SCREEN.
2. CONTRACTOR SHALL CONSTRUCT MANHOLES WITH PRECAST REINFORCED CONCRETE IN LIEU OF CONCRETE, BRICK AND BLOCK MANHOLES IN ACCORDANCE WITH THE FOLLOWING CONDITIONS:
   A. NO OPENINGS SHALL BE MADE IN PRECAST UNITS WHICH WOULD LEAVE LESS THAN 12" OF UNDISTURBED PRECAST STRUCTURE WALL BETWEEN PIPES (AS MEASURED BETWEEN OUTSIDE PIPE WALLS) OR WOULD REMOVE MORE THAN 40% OF THE CIRCUMFERENCE ALONG ANY HORIZONTAL PLANE.
   B. STRUCTURES FOR SEWERS LARGER THAN 18", OR THOSE NOT MEETING THE OPENING REQUIREMENTS, MAY BE BUILT OF BLOCK OR BRICK UP TO A MINIMUM OF 8" ABOVE THE TOP OF SEWER, WITH PRECAST UNITS BEING USED ABOVE THIS POINT. WHERE PRECAST UNITS REST ON THE BLOCK OR BRICK, THE GROOVE IN THE PRECAST UNIT SHALL BE FILLED WITH MORTAR.
   C. OPENINGS FOR THE OUTLET SEWER SHALL BE PRECAST WITH A DIAMETER OF 3 INCHES LARGER THAN THE OUTSIDE DIAMETER OF THE OUTLET PIPE. ALL OTHER OPENINGS SHALL BE MADE IN THE FIELD AFTER THE MANHOLE HAS BEEN CONSTRUCTED.
3. ALL VERTICAL OPENINGS IN CONCRETE BLOCK STRUCTURE WALLS SHALL BE COMPLETELY FILLED WITH MORTAR. ALL VERTICAL WALL JOINTS SHALL BE CEMENT POINTED.
4. CONCRETE PIPE REQUIREMENTS:
   A. THE CONTRACTOR SHALL PROVIDE REINFORCED CONCRETE PIPE AS SPECIFIED ON THE PLANS.
   B. ALL ROUND REINFORCED CONCRETE PIPE SHALL HAVE MODIFIED GROOVE TONGUE JOINTS WITH O-RING TYPE RUBBER GASKET, PER A.S.T.M. SPECIFICATIONS C443. ALL ELLIPTICAL CONCRETE PIPE SHALL HAVE GROOVE TONGUE JOINTS WITH BITUMINOUS (DEWITT #10) JOINT MATERIAL AND INSIDE MORTAR POINTING. ELLIPTICAL CONCRETE PIPE JOINTS SHALL ALSO BE WRAPPED PER A.S.T.M. SPECIFICATION C877 FOR EXTERNAL SEALING BANDS FOR NON-CIRCULAR CONCRETE PIPE.
   C. THE INSIDE JOINT OF PIPE SIZES OVER 27" DIAMETER SHALL BE POINTED UP WITH MORTAR UPON COMPLETION OF BACKFILLING OPERATIONS.
   D. WHERE UNSTABLE GROUND CONDITIONS ARE ENCOUNTERED, STONE BEDDING SHALL BE USED AS DIRECTED BY THE ENGINEER IN ORDER TO PROVIDE A STABLE FOUNDATION FOR PIPE AND MANHOLES.
   E. ALL PIPES ENTERING OR LEAVING A MANHOLE SHALL BE ADEQUATELY SUPPORTED WITH 1/4" TO 1/2" ANGULAR GRADED STONE FILL FROM UNDISTURBED EARTH TO SPRINGLINE OR WITH APPROVED CRUSHED AGGREGATE.



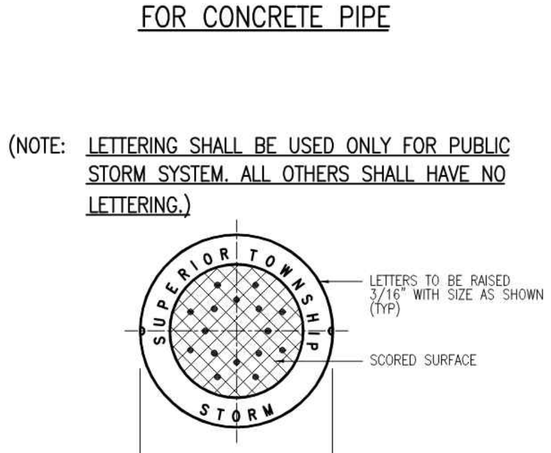
CATCH BASIN DETAIL



LOW HEAD MANHOLE AND CATCH BASIN DETAIL



PRE-CAST CONCRETE TOP
SLAB DETAIL, 8" THICK



CONNECTION DETAIL FOR DIRECT
TAPS TO PIPE WALL OF EXISTING
DRAINS.

KOR-N-TEE TAP
FOR CONCRETE PIPE

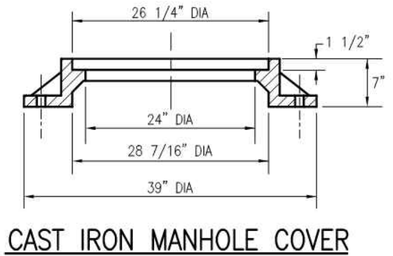
DRAINAGE STRUCTURE REQUIREMENTS:

1. ALL STRUCTURE(S) SHALL BE 4' IN DIAMETER UNLESS OTHERWISE INDICATED ON CONSTRUCTION DRAWINGS. 2' DIAMETER CATCH BASINS AND INLETS SHALL BE USED ONLY WITH PRIOR TOWNSHIP APPROVAL.
2. MANHOLE STEPS SHALL BE STEEL, ENCASED WITH POLYPROPYLENE PLASTIC OR APPROVED EQUIVALENT TO M.A. INDUSTRIES, INC., PS-1 FOR BRICK, OR PS-1B FOR BLOCK, EAST JORDAN IRON WORKS 8503 (OR APPROVED EQUAL). MANHOLE STEPS AT 16" CENTERS.
3. CATCH BASIN STEPS SHALL BE EAST JORDAN IRON WORKS 8502 PLASTIC COATED (OR APPROVED EQUAL).
4. MANHOLE COVERS AND FRAMES SHALL BE EAST JORDAN IRON WORKS 1040, TYPE "B" COVER OR AS PER CONSTRUCTION DRAWINGS.
5. CATCH BASIN AND INLET FRAME AND COVER SHALL BE:
   A. EAST JORDAN IRON WORKS 5080, TYPE "M1" COVER WITH STRAIGHT FACE CURB AND GUTTER (OR AS APPROVED EQUAL).
   B. EAST JORDAN IRON WORKS 5080, TYPE "M1" COVER WITH MOUNTABLE CURB AND GUTTER AND INTEGRAL CURB AND GUTTER (OR AS APPROVED EQUAL).
   C. EAST JORDAN IRON WORKS 1040, TYPE "02" COVER (BEEHIVE) TO BE USED ON OPEN DITCHES AND SWALES, REAR YARD CATCH BASIN (OR AS APPROVED EQUAL). IF WITHIN 8' OF ROAD, TYPE "N" COVER (LOW BEEHIVE) SHALL BE USED.
   D. FRAMES SHALL BE SET IN FULL BED OF MORTAR AND THE SIDE SHALL BE OVERLAPPED TO PREVENT LEAKAGE.
6. A PROPER CHANNEL SHALL BE CONSTRUCTED WITHIN THE EXISTING MANHOLE OR OTHER STRUCTURE AT WHICH THE CONNECTION IS TO BE MADE TO DIRECT THE FLOW TO THE EXISTING OUTLET IN A MANNER WHICH WILL TEND TO CREATE THE LEAST AMOUNT OF TURBULENCE. THE CHANNEL SHALL BE CONSTRUCTED TO THE SAME SIZE AS THE INSIDE DIAMETER OF THE EXISTING PIPES, AND SHALL BE BUILT TO HEIGHT OF 1/3 THE EXISTING PIPE DIAMETER WITH A MINIMUM OF 2% SLOPE ON THE BENCHES.
7. STANDARD BRICK ADJUSTMENT: MINIMUM OF ONE COURSE AND A MAXIMUM OF 5 COURSES OF BRICK.
   A. ALL BRICKS AND BLOCKS USED FOR ADJUSTMENT SHALL BE CONCRETE.
   B. BLOCK USED FOR STANDARD CATCH BASINS AND MANHOLES SHALL BE 8" (FOR 0'-15' DEEP) AND 12" (FOR 15'-25' DEEP). BLOCK USED FOR 2' DIAMETER INLETS AND CATCH BASINS SHALL BE 6".
   C. PRECAST REINFORCED CONCRETE SECTION AS MINIMUM SHALL CONFORM TO A.S.T.M. C-478.
   D. CONCRETE BASE FOR MANHOLE, CATCH BASIN, AND INLET SHALL BE MDOT GRADE 30P (MIN), 8" THICK, 3000 PSI.
8. PLASTER ALL OUTSIDE MASONRY SURFACES WITH 1:2 1/2 MASONRY CEMENT (TYPE II) 1/2" THICK.
9. WHEN TAPPING INTO AN EXISTING STRUCTURE A BRICK COLLAR SHALL BE PLACED 12" THICK AROUND THE PIPE AND EXTENDED 12" BEYOND THE OPENING. IF PRE-CAST SECTION IS TAPPED, BEND MESH AND USE AS REINFORCEMENT WITH BRICK COLLAR.
10. ALL PRECAST RISER(S) SHALL BE PLACED IN A FULL BED OR MORTAR. ALL JOINTS & LIFTHOLES SHALL BE POINTED UP WITH MORTAR ON THE OUTSIDE AND INSIDE.
11. HINGED BAR GRATES WILL BE REQUIRED FOR HEADWALLS PER W.C.D.C. AND/OR MDOT STANDARDS, WHICHEVER IS STRICTER.
    A. ALL VERTICAL AND HORIZONTAL BARS SHALL BE TACK-WELDED TO THE ANGLE FRAME.
    B. THE BAR GRATE SCREEN SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IS COMPLETE.

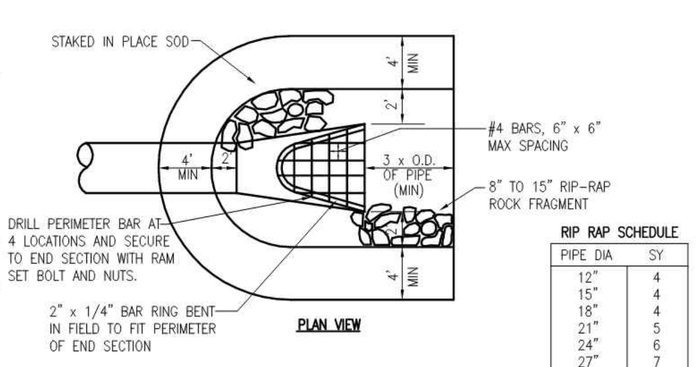
2' DIA CATCH BASIN DETAIL
NOT TO SCALE
(NOTE: 2' DIA CATCH BASIN SHALL NOT BE USED UNLESS PRIOR APPROVAL IS OBTAINED FROM TOWNSHIP ENGINEER.)

END SECTION AND BAR SCREEN DETAIL

(NOTE: LETTERING SHALL BE USED ONLY FOR PUBLIC STORM SYSTEM. ALL OTHERS SHALL HAVE NO LETTERING.)



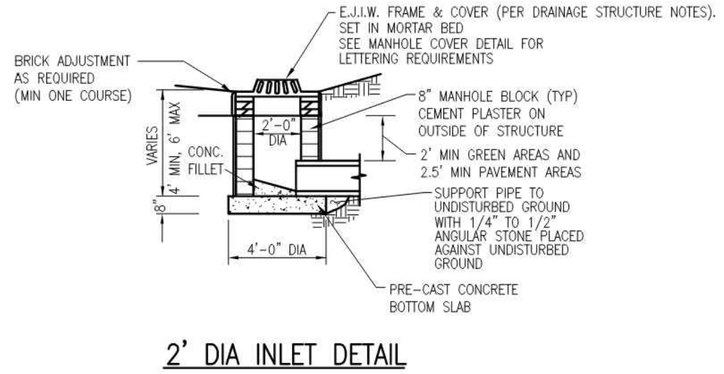
CAST IRON MANHOLE COVER
E.J.I.W. 1040



RIP RAP SCHEDULE

PIPE DIA	SY
12"	4
15"	4
18"	4
21"	5
24"	6
27"	7
30"	8
36"	10
42"	12
48"	14

(NOTE: MINIMUM REQUIREMENTS FOR RIP-RAP MATERIAL SHALL MEET MDOT SPECIFICATION 8.19.02.)



2' DIA INLET DETAIL

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CITY/VILLAGE/TOWNSHIP: CHARTER TOWNSHIP OF SUPERIOR
COUNTY: WASHTENAW
T1N R7E SEC 30
CHARTER TOWNSHIP OF SUPERIOR
HORZ DATUM: N/A
VERT DATUM: N/A
SCALE: HZ: NTS VT: N/A
000-00-0000
DESIGN: DLG/JGL
DRAWN: DLG/JGL
CADD: DK
DATE: OCT 2003
REVISIONS:

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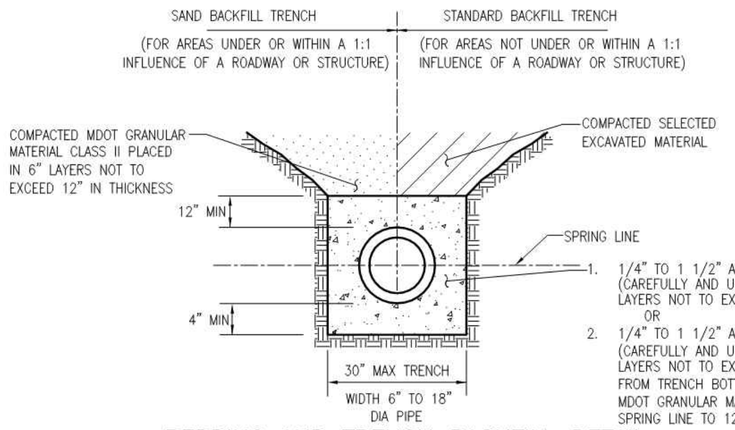
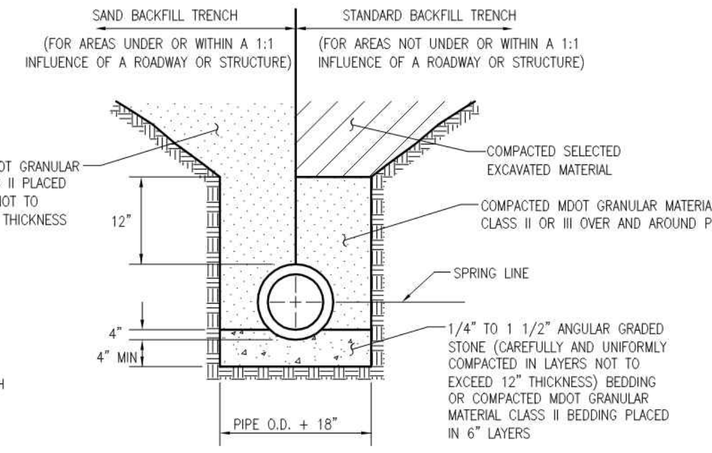
CHARTER TOWNSHIP OF SUPERIOR
STANDARD STORM SEWER DETAILS

SHEET
1
OF 2

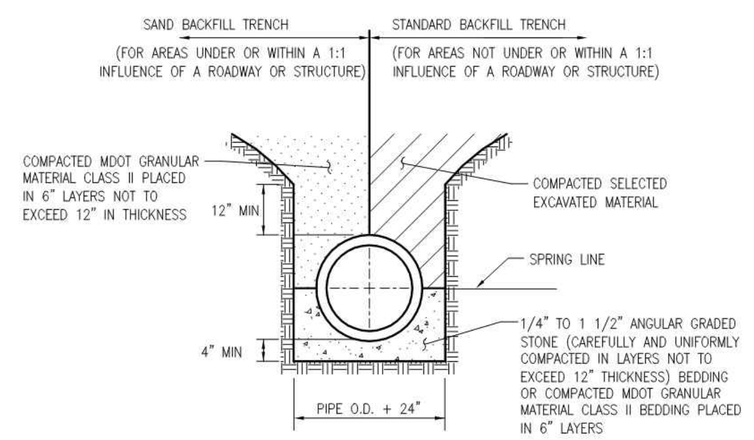
DRAWING PATH: S:\CV\Superior Twp\Standards\CADD\STORM\SuperiorStnd1.dwg May 27, 2010 - 9:25am



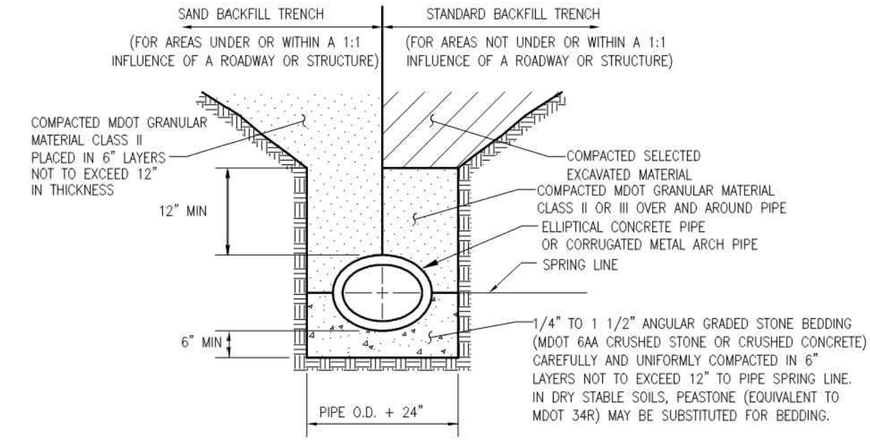
BEDDING AND TRENCH BACKFILL DETAIL
FOR 18" DIAMETER AND SMALLER PIPE
(PVC SOLID WALL, AND TRUSS PIPE)



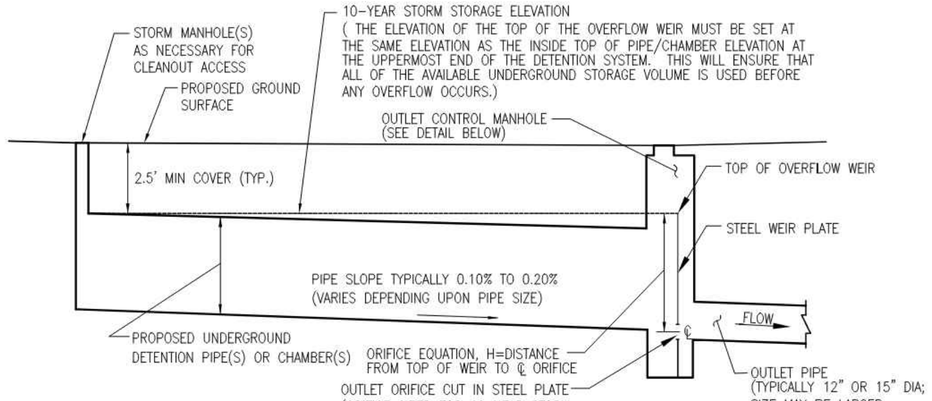
BEDDING AND TRENCH BACKFILL DETAIL
FOR 24" DIAMETER AND SMALLER PIPE



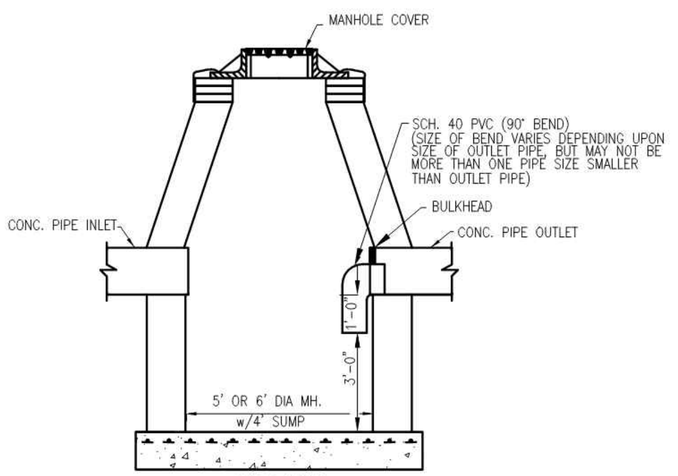
BEDDING AND TRENCH BACKFILL DETAIL
FOR 27" DIAMETER AND LARGER PIPE



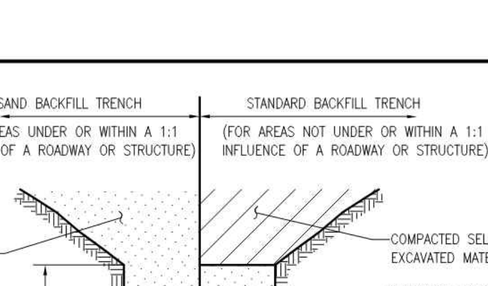
BEDDING AND TRENCH BACKFILL DETAIL
FOR ELLIPTICAL CONCRETE PIPE OR CORRUGATED METAL ARCH PIPE



DETENTION SYSTEM PROFILE

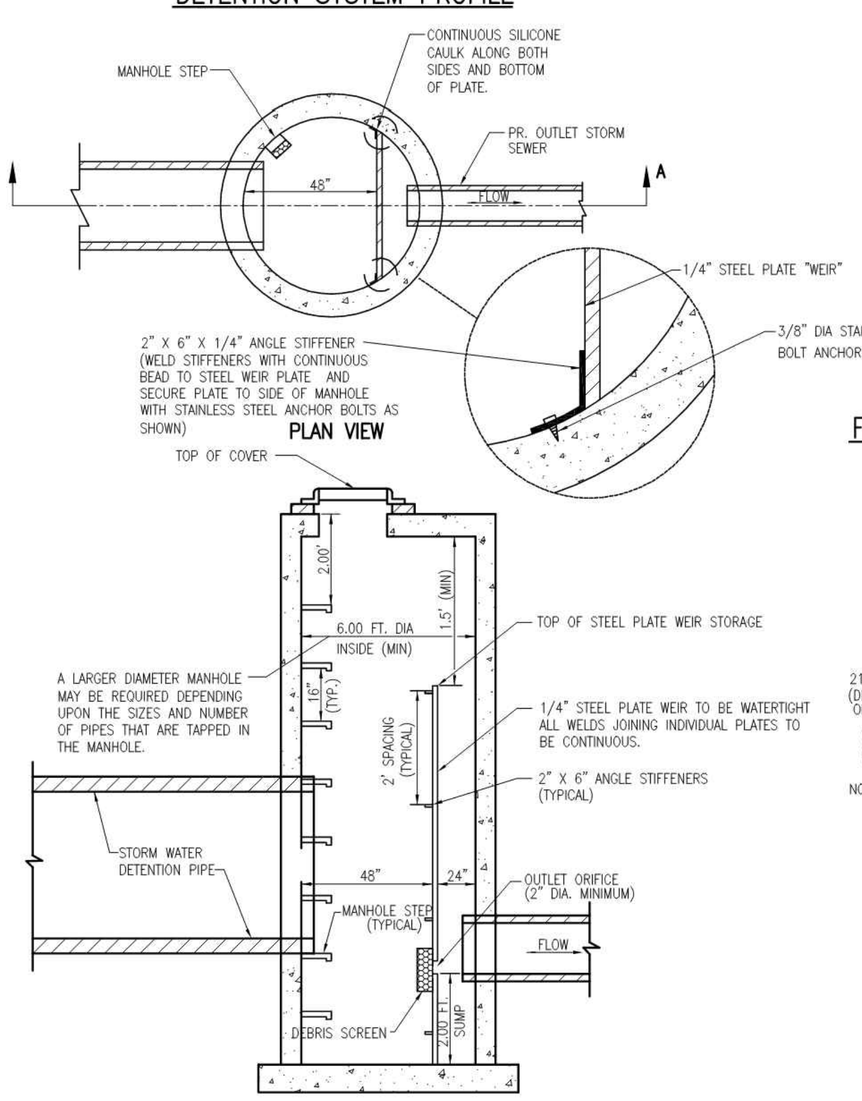


SIDE VIEW



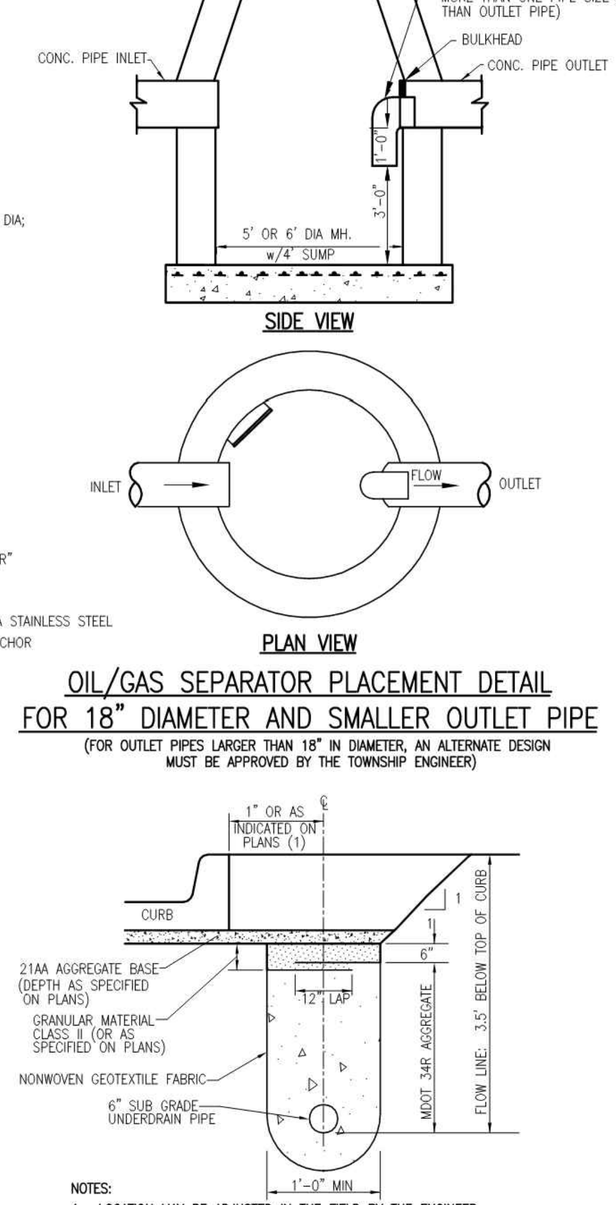
PLAN VIEW

OIL/GAS SEPARATOR PLACEMENT DETAIL
FOR 18" DIAMETER AND SMALLER OUTLET PIPE
(FOR OUTLET PIPES LARGER THAN 18" IN DIAMETER, AN ALTERNATE DESIGN MUST BE APPROVED BY THE TOWNSHIP ENGINEER)



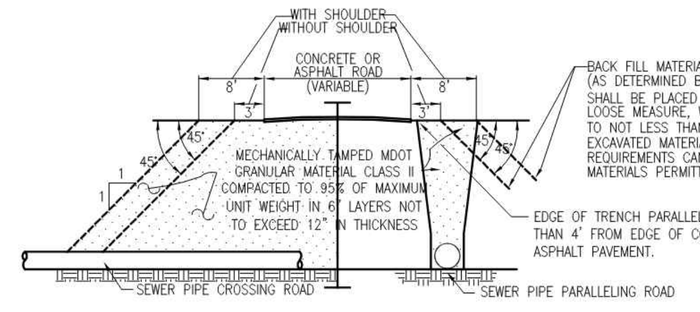
6 FT. DIA OUTLET MANHOLE

TYPICAL UNDERGROUND DETENTION AND OUTLET MANHOLE DETAILS

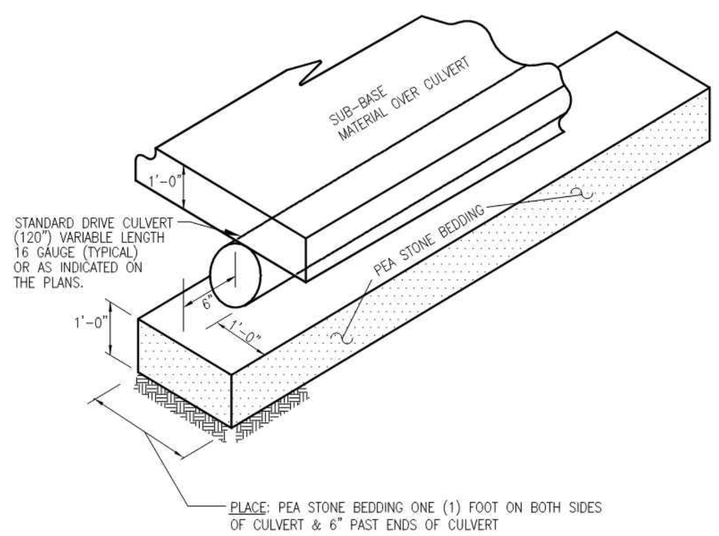


NOTES:
1. LOCATION MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
2. ALL UNDERDRAIN SHALL BE APPROVED PLASTIC PIPE. METAL PIPE SHALL NOT BE USED.
3. ALL UNDERDRAIN SHALL OUTLET TO DRAINAGE STRUCTURE.
4. UNDERDRAIN CONNECTIONS (AT LOW POINTS) SHALL BE MADE AS CLOSE TO THE STRUCTURE INVERT AS PRACTICAL, WITH A SPIRAL WRAP OF THE STRUCTURE USED TO MAKE THE TRANSITION FROM THE REQUIRED FLOW LINE DEPTH TO STRUCTURE INVERT.

SUBGRADE UNDERDRAIN, 6"



SAND OR GRAVEL BACKFILL DETAILS FOR SEWERS
UNDER CONCRETE OR ASPHALT PAVEMENTS,
SIDEWALKS, DRIVEWAYS AND PARKING AREAS



DRIVE CULVERT BEDDING DETAIL

GENERAL NOTES FOR STORM SEWER CONSTRUCTION

1. PIPE BEDDING AND BACKFILLING:

BEDDING SHALL EXTEND A MINIMUM OF 4" BELOW PIPE, UNLESS OTHERWISE NOTED ON CONSTRUCTION PLANS. BEDDING SHALL BE UNIFORM IN GRADE. HOWEVER, IF THE EXISTING NATIVE SOILS MEET THE REQUIREMENTS FOR MDOT GRANULAR MATERIAL CLASS II (MINIMUM 4" THICK), THEN STORM STORM SEWER MAY BE LAID DIRECTLY ON COMPACTED NATIVE SUBGRADE SOILS.

BACKFILL SHALL BE COMPACTED ABOVE PIPE OR AS INDICATED ON CONSTRUCTION DRAWINGS. TRENCH BACKFILL SHALL BE OF A SUITABLE MATERIAL AND SHALL BE FREE OF ANY ORGANIC MATERIALS AND ROCKS LARGER THAN 3" IN SIZE. BACKFILL SHALL BE RAMPED INTO TRENCH AND COMPACTED WITH A SMALL DOZER OR OTHER, APPROVED METHODS. WHERE TRENCH IS WITHIN A 1:1 INFLUENCE OF STREETS, ALLEYS, SIDEWALKS, DRIVEWAYS AND PARKING AREAS, SAND BACKFILL SHALL BE USED WHICH SHALL CONSIST OF MDOT GRANULAR MATERIAL CLASS II OR III COMPACTED IN 6" LAYERS NOT TO EXCEED 12" TO A DENSITY OF 95% AS DETERMINED BY AASHTO T99. ALL BACKFILL PLACED WITHIN A 1:1 INFLUENCE OF STRUCTURES SHALL BE APPROVED SAND, PLACED IN 1' LAYERS AND COMPACTED. NO FROZEN MATERIAL SHALL BE BURIED MORE THAN 4' BELOW THE FINAL ELEVATION OF THE GROUND.

TRENCHES WHICH ARE TO BE LEFT OPEN OVERNIGHT SHALL BE ENCLOSED WITH SUITABLE FENCING AND LIGHTED BARRICADES, UNLESS OTHERWISE APPROVED BY THE TOWNSHIP.

2. SUMP PUMP LEAD REQUIREMENTS:

ALL SUMP PUMP LEADS CONNECTED TO A DRAIN SHALL BE PRE-MANUFACTURED.

SUMP PUMP MAINS AND LEADS SHALL BE A SDR 35, NON-PERFORATED, SOLID WALL, PVC, ARMCO TRUSS PIPE, OR APPROVED EQUAL, WITH PREMIUM JOINTS.

TAPS TO 12" STORM SEWER SHALL BE MADE WITH A FERNCO EZ TAP OR APPROVED EQUAL. TAPS TO OTHER SIZE STORM SEWER SHALL BE MADE WITH A ROMAC SADDLE, KOR-N-TEE LATERAL CONNECTOR FOR CONCRETE PIPE, OR APPROVED EQUAL.

ENDS OF ALL 4" SUMP PUMP LEADS SHALL BE TEMPORARILY CAPPED AND THEIR LOCATION STAKED, WITNESSED AND RECORDED.

ALL SUMP PUMP LEADS TO BE TAKEN TO THE PROPERTY LINE, EASEMENT LINE OR AS INDICATED ON THE PLAN.

SUMP PUMP CLEANOUTS SHALL BE A MINIMUM INSIDE DIAMETER OF 24" AND BE CONSTRUCTED AT CHANGES OF ALIGNMENT, ENDS OF SUMP PUMP MAINS OR AS INDICATED ON THE PLAN.

3. RESTORATION REQUIREMENTS:

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE RESTORED AS FOLLOWS, UNLESS OTHERWISE NOTED ON CONSTRUCTION DRAWINGS:

FINISH GRADE

PLACE 3" THICKNESS OF "QUALITY" TOPSOIL ACCEPTABLE TO THE ENGINEER.

APPLY SOD OR SEED AND FERTILIZER AS FOLLOWS:

	LOCATION	SODDING/ SEEDING REQUIREMENTS	FERTILIZER REQUIREMENT
SEED AND FERTILIZER	SLOPES & DITCH BANKS, ETC.	MDOT "ROADSIDE" MIX (50% PERENNIAL RYE, 15% KENTUCKY BLUE, 35% RED FESCUE) APPLIED AT 100 LBS/ACRE	240 LBS/ACRE OF CHEMICAL FERTILIZER NUTRIENTS IN EQUAL PROPORTIONS OF NITROGEN, PHOSPHORIC ACID AND POTASH. (MUST BE A SLOW-RELEASE FERTILIZATION)
	OTHER AREAS	MDOT "CLASS A" MIX (30% PERENNIAL RYE, 30% KENTUCKY BLUE, 40% RED FESCUE) APPLIED AT 100 LBS/ACRE	240 LBS/ACRE OF CHEMICAL FERTILIZER NUTRIENTS IN EQUAL PROPORTIONS OF NITROGEN, PHOSPHORIC ACID AND POTASH. (MUST BE A SLOW-RELEASE FERTILIZATION)
SOD	DITCH BOTTOMS, SLOPES EXCEEDING 3:1, AND AT STRUCTURES	3" TOPSOIL WITH CLASS A SOD	

APPLY STRAW MULCH AT THE RATE OF 2-3 BALES/1000 SQUARE FEET.

THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THE GROWTH OF ALL SEEDED AREAS, AND SHALL RE-SEED AS NECESSARY TO ACCOMPLISH THIS.

DRAWING PATH: S:\CVT\Superior Twp\Standards\CAD\STORM\SuperiorStnd2.dwg May 27, 2010 - 8:26am

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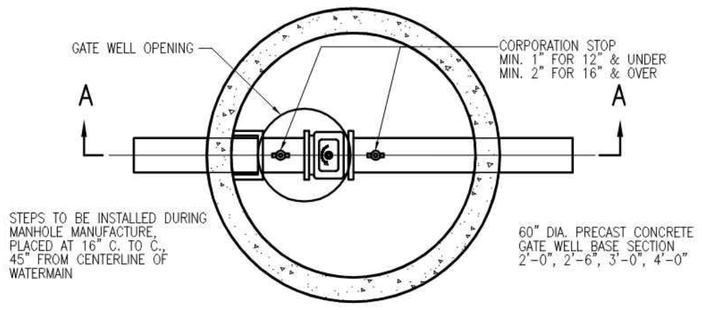
DATE OCT 2003 | CADD DK | ENG'I ARCH DLG/JGL | PROJ MGR | SECTION | TOWN | RANGE | CITY/VILLAGE/TOWNSHIP CHARTER TOWNSHIP OF SUPERIOR | COUNTY WASHTENAW | H: NTS | V: N/A | SCALE | HORIZ DATUM N/A | VERT DATUM N/A | JOB NO. 000-00-0000

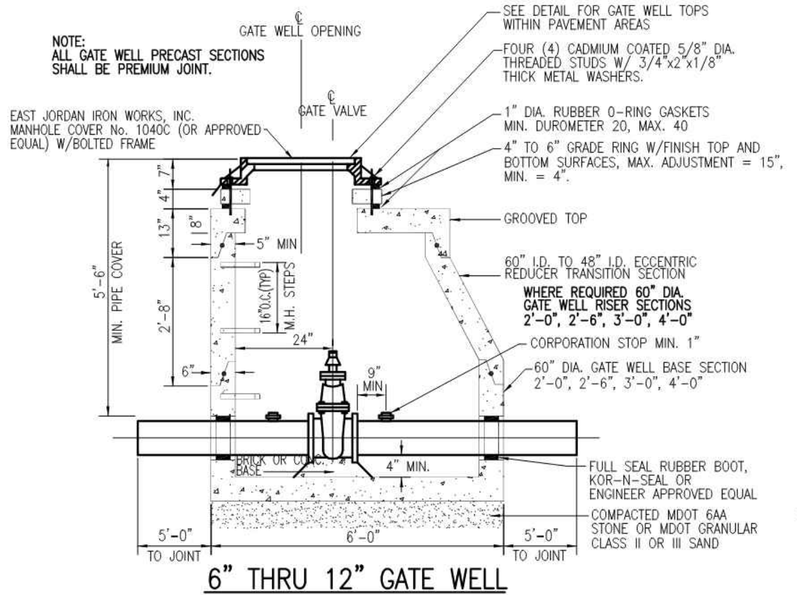
REVISIONS:

CHARTER TOWNSHIP OF SUPERIOR
STANDARD STORM SEWER DETAILS

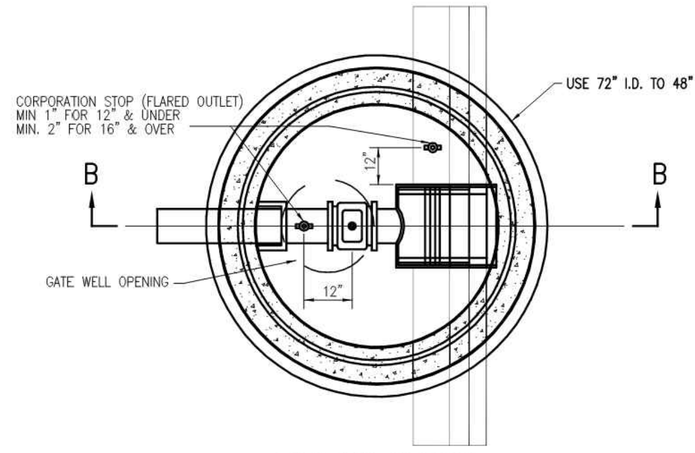
SHEET 2 OF 2



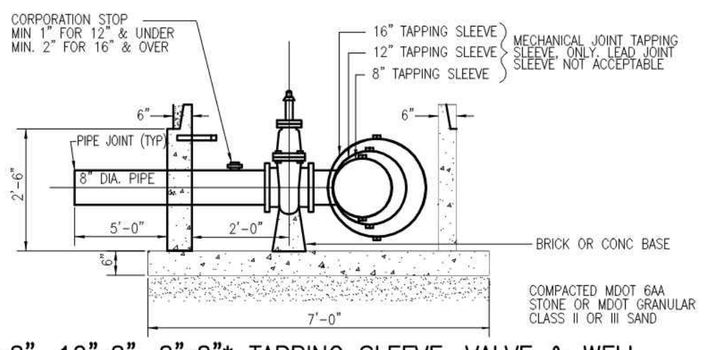
PLAN GATE WELL TYPICAL



6" THRU 12" GATE WELL



TAPPING SLEEVE VALVE & WELL TYPICAL

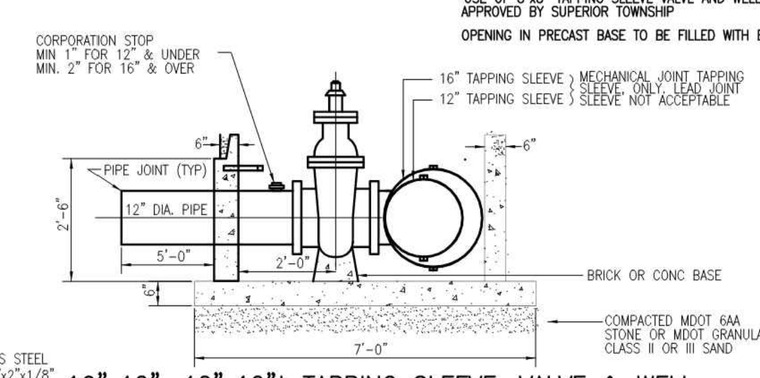


16"x8", 12"x8", 8"x8"* TAPPING SLEEVE, VALVE & WELL

NOTES:
TAPPING SLEEVE VALVE AND WELL FOR WATER MAIN LARGER THAN 16" DIAMETER SHALL BE PER Y.C.U.A AND D.W.S.D. STANDARDS, AND MUST BE SHOWN ON THE PLANS.

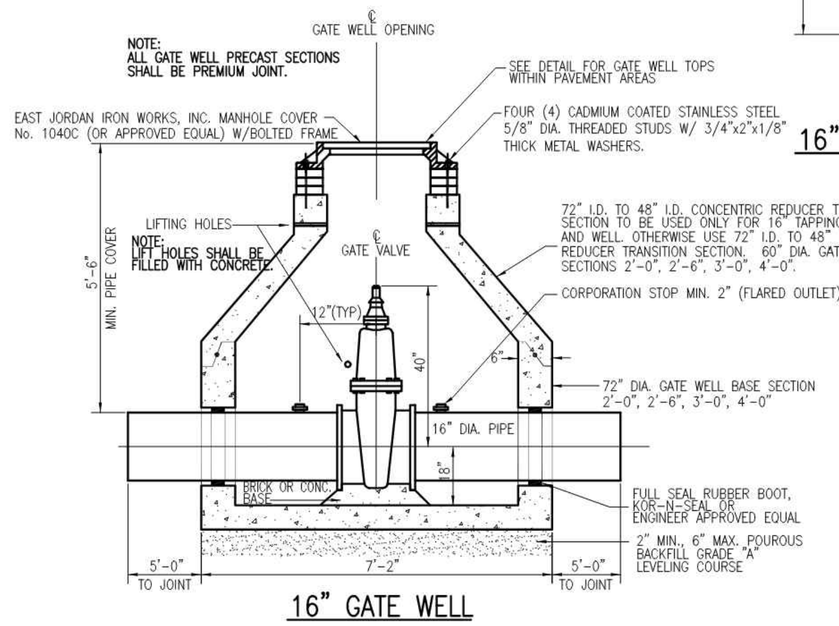
*USE OF 8"x8" TAPPING SLEEVE VALVE AND WELL MUST BE APPROVED BY SUPERIOR TOWNSHIP

OPENING IN PRECAST BASE TO BE FILLED WITH BRICK.

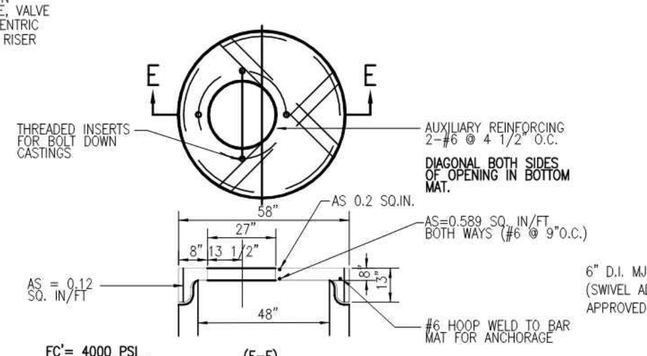


16"x12", 12"x12"* TAPPING SLEEVE, VALVE & WELL

*NOTE:
USE OF 12"x12" TAPPING SLEEVE VALVE AND WELL MUST BE APPROVED BY SUPERIOR TOWNSHIP D.P.W.

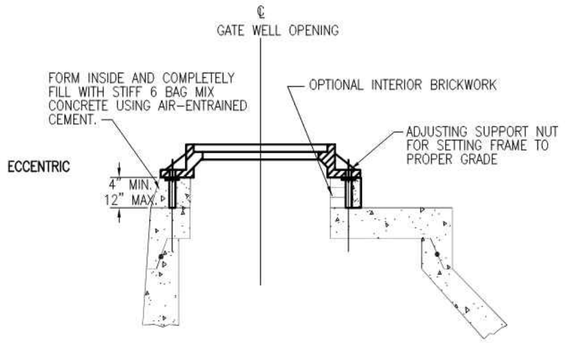


16" GATE WELL



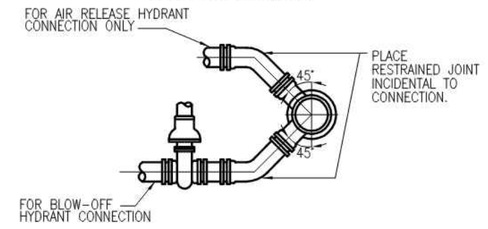
GROOVED TOP DETAIL

NOTE:
AS=CROSS-SECTION AREA OF REINFORCING STEEL, IN SQUARE INCHES PER FOOT.

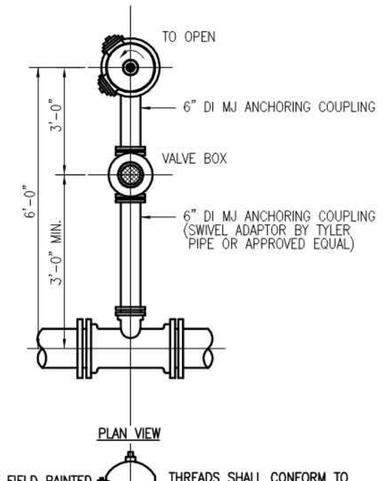


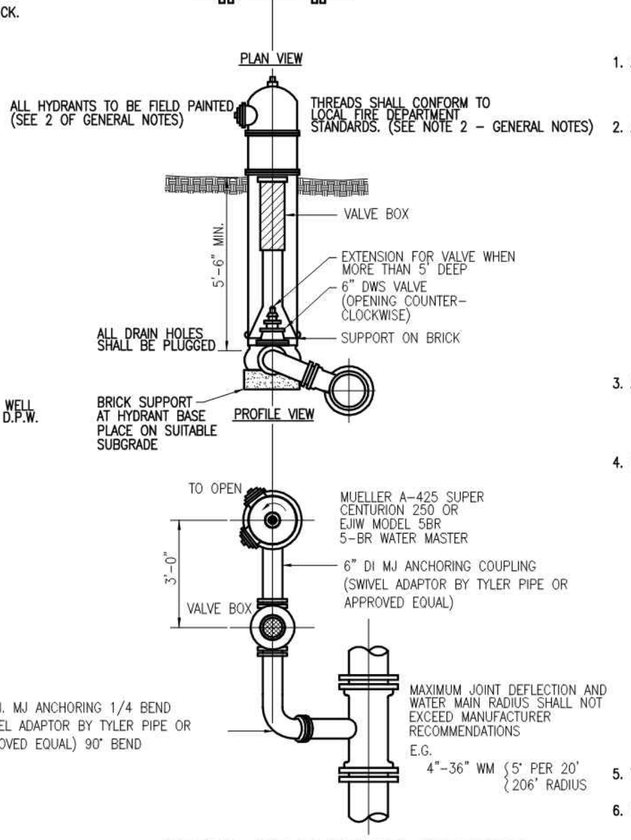
GATE WELL TOPS WITHIN PAVEMENT AREAS

RUBBER 'O' RINGS SHALL NOT BE USED IN PAVEMENT



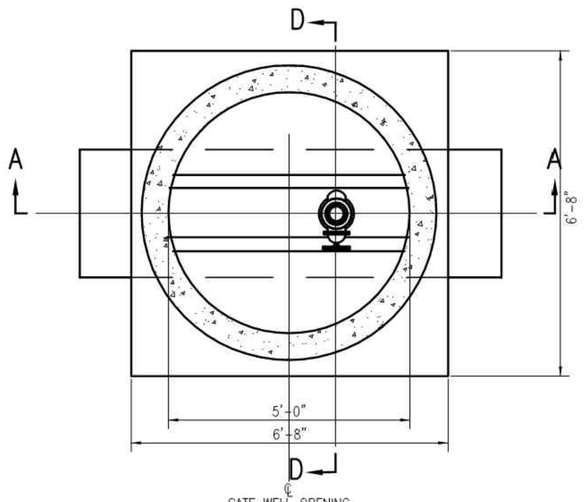
AIR RELEASE AND BLOW-OFF CONNECTION



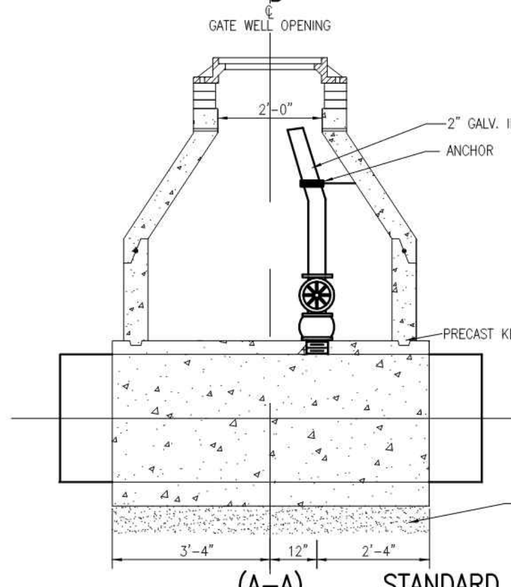


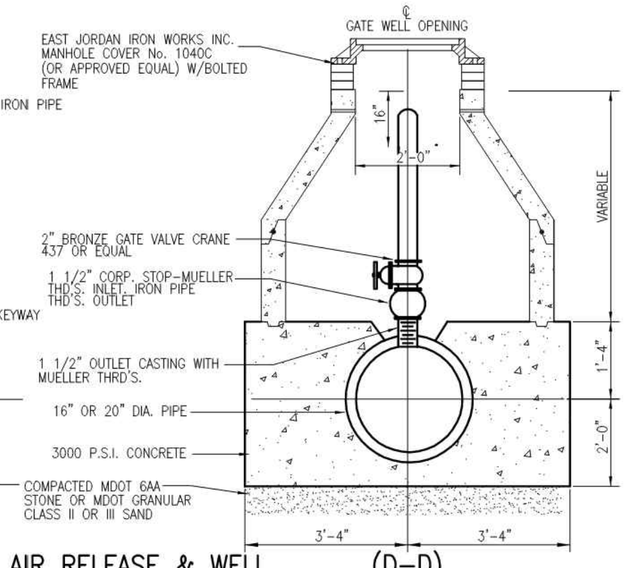
DETAIL OF HYDRANT SETTINGS

NOTE:
ALL HYDRANTS TO BE FULLY RESTRAINED BY MECHANICAL JOINTS APPROVED BY TOWNSHIP ENGINEER.



NOTES:
ALL AIR RELEASE WELLS SHALL BE PRECAST STRUCTURES.
ALL AIR RELEASE VALVES SHALL BE AUTOMATIC.





STANDARD AIR RELEASE & WELL FOR 16" & 20" WATER MAIN

WATER MAIN NOTES

1. All construction procedures and materials used on all water main projects shall conform to Ypsilanti Community Utilities Authority (Y.C.U.A), Detroit Water System Department (D.W.S.D.), and The Charter Township of Superior current Standards and Specifications.
2. All hydrants shall be Mueller A-425-Super-Centurion 250 or E.J.I.W. 5-BR Water Master and shall conform to AWWA current standards and shall have a 5 1/4" valve opening which closes with the water pressure. Hydrants shall be traffic style with breakable flange and coupling. Hydrants shall have a swivel flange to allow bonnet to be turned 360 degrees without removing the bonnet, and barrel flanges shall be integrally cast with the barrel. Inlet shoe shall have a bronze valve seat, which can be removed without digging. Inlet connection shall be 6" mechanical joint, ASA-A21-11. Stem threads shall be sealed with double "O" rings and shall be permanently lubricated with all weather grease. Hose connections: Two (2) 4 1/2" pumper nozzles facing the centerline of the road unless otherwise directed by the Township. Pumper connections shall have: National Standard Threads on one pumper connection (4 1/2" I.D., 4 threads per inch, 5.389 minor dia., 5.761 major dia., 5.586 pitch dia.) and Storz Fitting on the other pumper connection (RLS' Manufacturing). Operating Nut: (1) 1 1/2" P-F pentagon, open left. Drain holes in hydrant shall be plugged and watertight. Hydrants shall be painted red above the ground and black below. All hydrants shall be constructed with companion valve in a three piece piece adjustable cast iron valve box.
3. All water mains shall be ductile iron as per the following specification. Ductile iron pipe shall be ANSI 1-A21.51 (AWWA-C151) std. wall thickness, cement lined with bituminous seal coat Class 54 for sizes 6" through 16" Class 55 for 24" pipe, pipe sizes larger than 24" in nominal diameter shall meet all the requirements of the current AWWA C100 for ductile iron pipe.
4. Gate Valves shall be iron body, fully bronze mounted, E.J.I.W. resilient wedge, non-rising stem, opening counterclockwise with 2" square operating nut conforming to Y.C.U.A. and D.W.S.D. specifications. All gate valves with operating nuts at a distance greater than 5' below ground surface shall be provided with an extension stem. The length of the extension shall be such that it will be within 5' of ground surface when an extension stem is used. It shall be held in place by two extension stem guide assemblies. Each assembly shall be comprised of a "J" bracket and "L" bracket supplied by E.J.I.W. The stem guides shall be located opposite from each other, and shall be suitably fastened to the wall of the gate well. In addition, a "stop" shall be welded to the extension stem in a location that will prevent the extension stem from slipping off the operating nut. Details of extension stem and method of installation shall be approved by the engineer prior to installation. All precast concrete gate well sections shall be manufactured to conform with ASTM C478, standard specifications for precast reinforced concrete manhole sections, except wall thickness, shall be shown on these details. All joints for precast concrete gate well sections shall be "modified grooved tongue" with gasket manufactured to conform with ASTM C443, standard specification for joints for circular concrete sewer and culvert pipe rubber gaskets. All gate well covers shall be E.J.I.W. #1040C with bolted frame and have words "Superior Township Water Main and Logo" in raised letters on the frame cover, or approved equal.
5. Tapping sleeve shall be mechanical joint with DWS Mechanical Joint Tapping Gate Valve. Lead joint sleeves shall not be used.
6. No installation of water main is to be attempted without Township's inspector being present. Unless otherwise specified on plans, top of all water mains shall be 5.5 ft. below existing or proposed road centerline, or 5.5 ft. below existing or proposed ground, whichever results in lower elevation. An 18" minimum vertical clearance between storm or sanitary sewer shall be maintained.
7. Three (3) working days before you dig, dial MISS DIG at 1-800-482-7171.
8. All required cross connection devices shall be installed as required by the local plumbing inspector and in accordance with the standards of the Michigan Department of Public Health.
9. The design engineer shall furnish Superior Township with mylar "Record" water main plans along with a computer disk using the most recent release of AutoCAD, upon job completion. Plans shall locate all water mains, hydrants and gate valves and wells.
10. Where work is to be performed in the vicinity of a Superior Township main, contractor shall notify the Superior Township Utility Deprtment at (734) 480-5500 at least 3 working days prior to start of construction as well as township engineer to schedule inspection.
11. All pipe and all pipe fittings shall be made in the U.S.A.
12. All bolts on all flanged and mechanical joint fittings shall be domestic origin high strength, low alloy COR-BLUE steel bolts or approved equal. These bolts shall meet the current provisions of American National Standard ANSI/AWWA C111/A21.11-90 for rubber gasket joints for ductile iron pressure pipes and fittings. Bolt manufacturer's certificate of compliance must accompany each shipment.
13. BACKFILL NOTE: Under road surfaces, pavement, sidewalk, curb, driveways and where the edge of the trench is within 3 (three) feet of the pavement or as called for on the plans, the trench depth shall be 4 (four) inches lower than the proposed water main elevation. The trench width shall be the outside diameter plus 16 (sixteen) inches for pipe diameters up to 36 (thirty-six) inches and larger. The trench shall be backfilled by placing granular material by the "controlled Density Method" or other means having approval of the engineer and compacting it to 95 (ninety-five) percent of its maximum unit weight.
14. "Mega Lugs," "Field Lock Gaskets," or a mechanical joint restraint system shall be used instead of concrete thrust blocks for joint restraint.
15. All bolts used in securing fittings to the water main shall be "COR-BLUE" bolts or approved equal.
16. All buried bolts, nuts and washers shall be "COR-BLUE" or equivalent and poly-wrapped.
17. Like size to like size tapping sleeves shall not be used with transite pipe.
18. Where water main is located under pavement, the Township shall not be responsible for repairing pavement within the easement in the event that maintenance or repairs to the water main become necessary.
19. Mechanical and slip-on joints for ductile iron shall be in accordance with AWWA C111 (ANSI A21.11)
20. All fire hydrant joints shall be totally restrained by use of "Mega Lugs" or other approved restrained joint.
21. Fittings for ductile iron pipe shall be ductile iron or cast iron and shall meet requirements of AWWA C110 (ANSI A21.10) or AWWA C153 (ANSI A21.53). Ductile iron fittings shall be rated for 350 psi, pipe 24" diameter and less and 250 psi for pipe sizes over 24" diameter, except that ductile iron flanged fitting shall be rated for 250 psi for all pipe diameters.
22. Manhole steps shall be steel encased with polypropylene plastic or approved equivalent to M.A. Industries, Inc., PS-1 for brick, or PS-1B for block, East Jordan Iron Works 8502 (or approved equal). Manhole steps at 16" centers.
23. Maximum joint deflection and water main radius shall not exceed manufacturer recommendations (e.g. 4"-36" WM - 5° per 20' or 206' radius).

DRAWING PATH: S:\CVT\Superior Twp\Standards\CAD\watermain\Superior\WM01.dwg May 27, 2010 - 8:18am

OHM

HORIZ DATUM	N/A
VERT DATUM	N/A
SCALE	HOR. N/A VERT. N/A
JOB NO.	000-00-0000
CITY/VILLAGE/TOWNSHIP	CHARTER TOWNSHIP OF SUPERIOR
COUNTY	WASHTENAW
T,R,S#	
TOWN	
RANGE	
SECTION	
PROJ MGR	
ENG / ARCH	DLG/JGL
CADD	DK
DATE	OCT 2003

REVISIONS:

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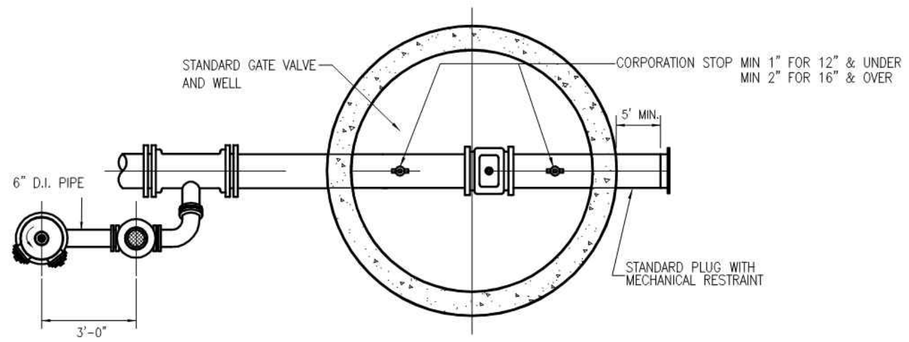
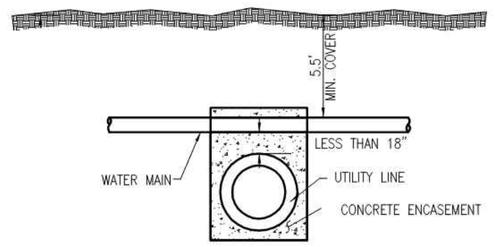
CHARTER TOWNSHIP OF SUPERIOR

CHARTER TOWNSHIP OF SUPERIOR
STANDARD WATER MAIN DETAILS

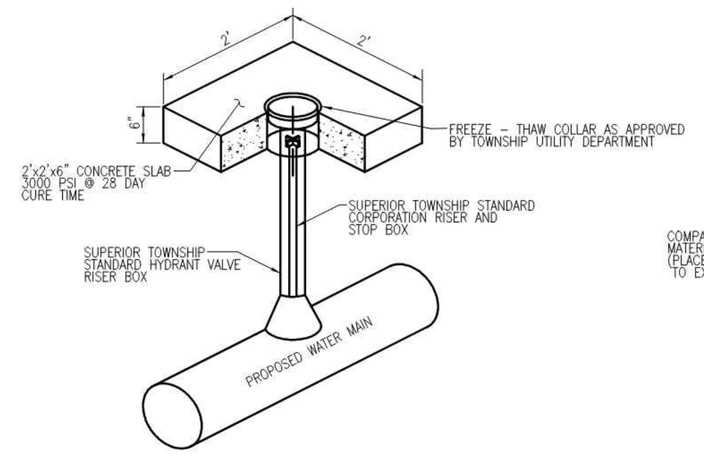
SHEET
1
OF 2



END OF WATER LINE ASSEMBLY FOR WATER MAINS



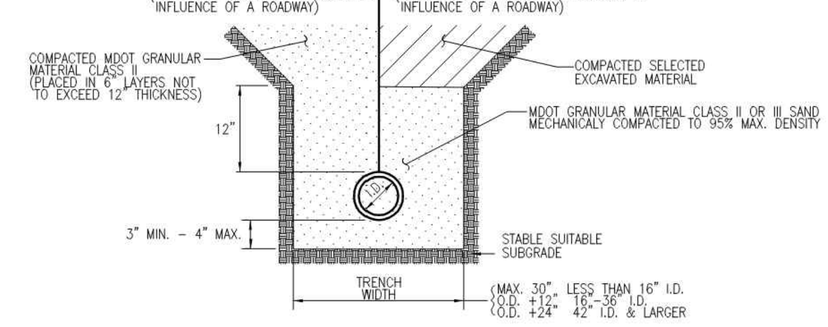
UTILITY CROSSING WITH LESS THAN 18" CLEARANCE



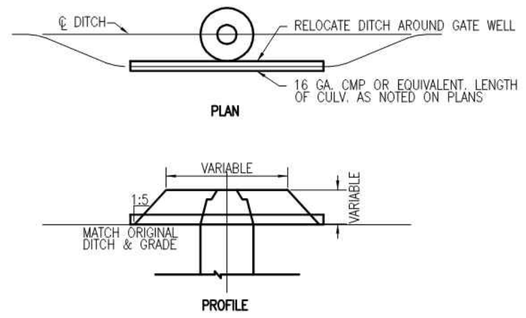
STOP BOX IN PAVEMENT

WATER STOP BOX REQUIREMENTS

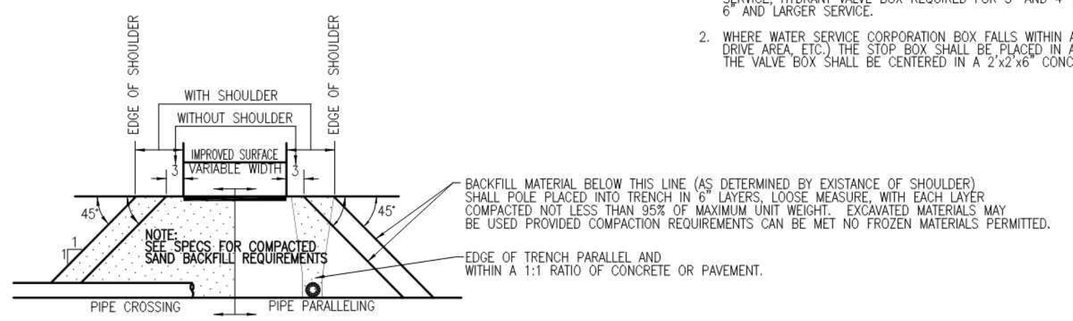
1. TWO HOLE ARCH PATTERN (ERIE PATTERN) TYPE WITH 1" UPPER AND 5' EXTENDED LENGTH WITH 42" ROD (FORD STOP BOX PART NO. EA1-50-40-42R OR APPROVED EQUAL). SMALL BOX REQUIRED FOR 3/4" AND 1" SERVICE; LARGE BOX REQUIRED FOR 1-1/2" AND 2" SERVICE; HYDRANT VALVE BOX REQUIRED FOR 3" AND 4" SERVICE; GATE WELL REQUIRED FOR 6" AND LARGER SERVICE.
2. WHERE WATER SERVICE CORPORATION BOX FALLS WITHIN A PAVED AREA (PARKING LOT, SERVICE DRIVE AREA, ETC.) THE STOP BOX SHALL BE PLACED IN A STANDARD HYDRANT VALVE BOX. THE VALVE BOX SHALL BE CENTERED IN A 2'x2'x6" CONCRETE SLAB.



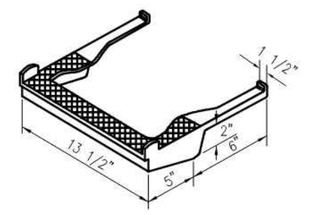
STANDARD BEDDING AND TRENCH BACKFILL DETAIL FOR WATER MAIN



DITCH ENCLOSURE AT GATE WELL

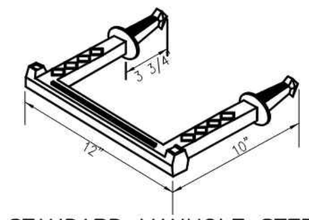


BACKFILL IN THE AREA OF STREETS, ALLEYS SIDEWALKS, DRIVES & PARKING LOTS



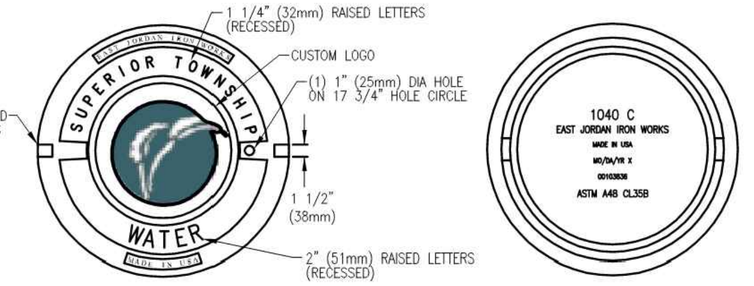
E.J.I.W. 8502

OR

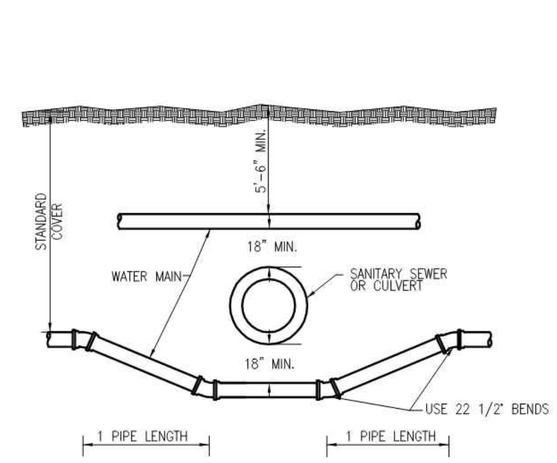


STANDARD MANHOLE STEP

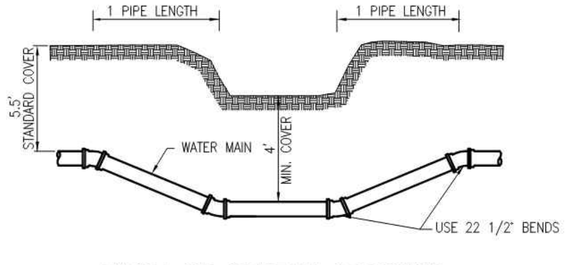
M.A. PSI-375



STANDARD COVER & FRAME

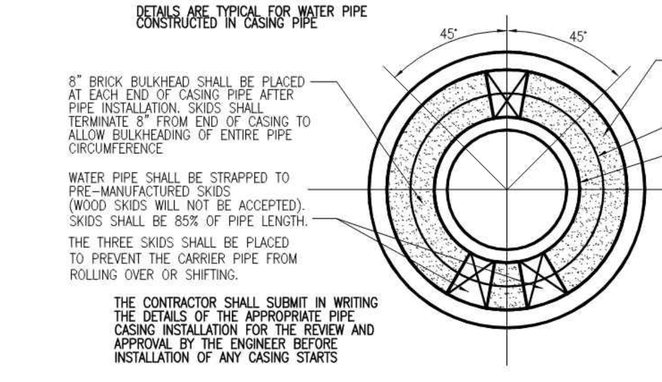


SEWER OR CULVERT CROSSING



DITCH OR STREAM CROSSING

DETAILS ARE TYPICAL FOR WATER PIPE CONSTRUCTED IN CASING PIPE



DIA. OF WATER MAIN	MIN. (I.D.) "A"	ROAD CROSSING MIN. "B"	RAILROAD CROSSING MIN. "B"
6"	16"	.375	.312
8"	16"	.375	.375
12"	20"	.375	.438
16"	24"	.375	.500
20"	30"	.375	.500
24"	36"	.375	.500

A=INSIDE DIAMETER
B=WALL THICKNESS

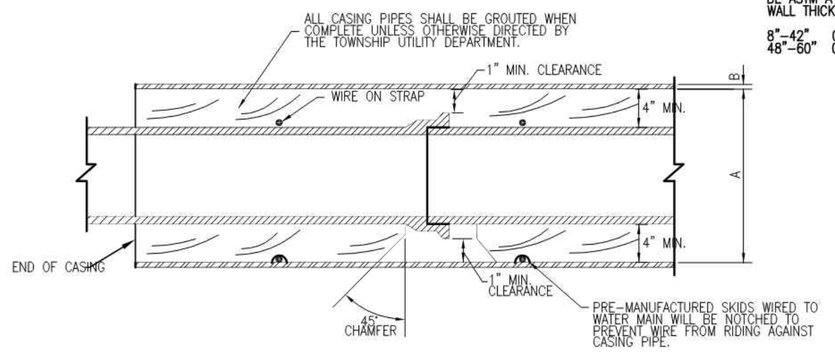
4" MINIMUM CLEARANCE BETWEEN MAX. O.D. AT A JOINT OF THE PIPE AND THE I.D. OF THE CASING PIPE FOR THE TOP 90° OF THE CASING

PIPE BARREL SUPPORT FOR WATER MAIN CONSTRUCTED IN CASING PIPE

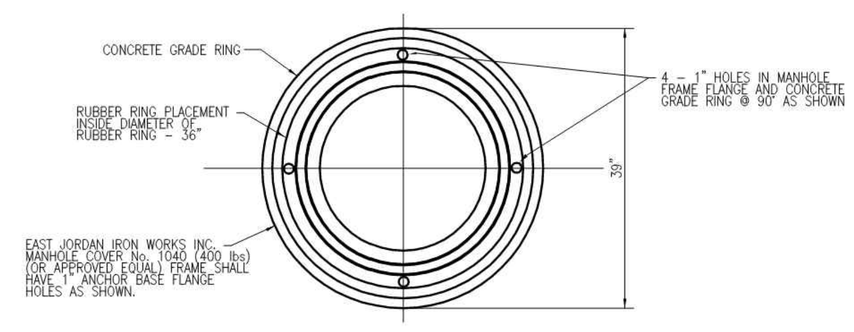
CASING SHALL BE SPIRAL WELDED STEEL PIPE A.S.T.M. A-252, GR. 2.

UNLESS OTHERWISE SPECIFIED, MINIMUM CASING PIPE SHALL BE ASTM A-139 GRADE B, WALL THICKNESS AS FOLLOWS:

8"-42"	0.375
48"-60"	0.500



STANDARD CASING SECTION



CAST IRON GATE WELL COVER AND GRADE RING

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CITY/VILLAGE/TOWNSHIP: CHARTER TOWNSHIP OF SUPERIOR
COUNTY: WASHTENAW
CLIENT: CHARTER TOWNSHIP OF SUPERIOR
JOB #: 000-00-0000
SCALE: H: NTS V: N/A
HORZ DATUM: N/A
VERT DATUM: N/A
RANGE
TOWN
SECTION
PROJ MGR
ENG / ARCH: DLG/JGL
CADD: DK
DATE: OCT 2003
REVISIONS:

CHARTER TOWNSHIP OF SUPERIOR
STANDARD WATER MAIN DETAILS

SHEET 2 OF 2

DRAWING PATH: S:\CVT\Superior Twp\Standards\CADD\watermain\SuperiorWM02.dwg May 27, 2010 - 9:23am

Landscape Summary - Phase 2

Street Trees

Total Street Frontage	3,595'
Street Trees Required	59.9 Trees (3,595' / 60')
Street Trees Provided	60 Trees

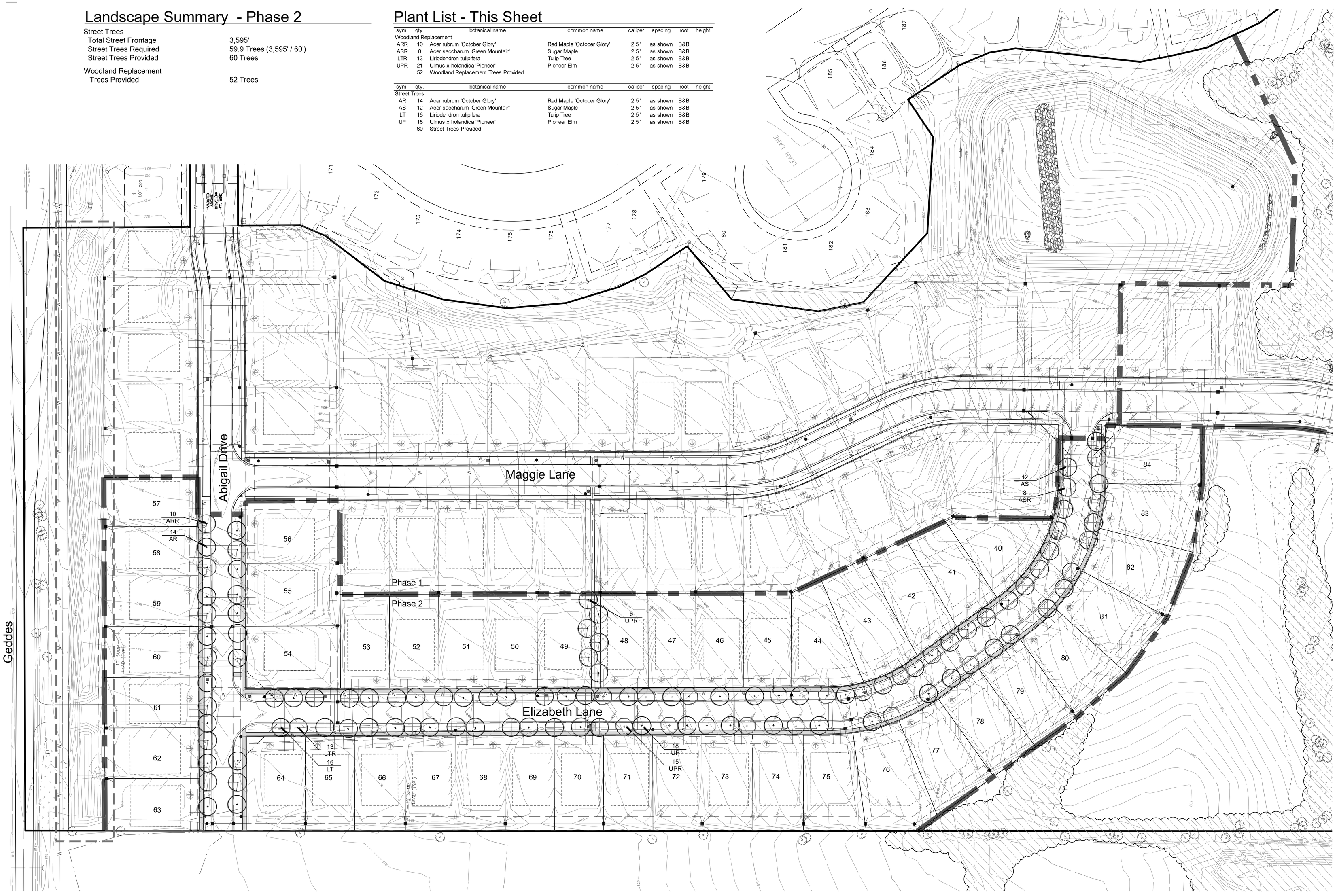
Woodland Replacement

Trees Provided	52 Trees

Plant List - This Sheet

sym.	qty.	botanical name	common name	caliper	spacing	root	height
Woodland Replacement							
ARR	10	Acer rubrum 'October Glory'	Red Maple 'October Glory'	2.5"	as shown	B&B	
ASR	8	Acer saccharum 'Green Mountain'	Sugar Maple	2.5"	as shown	B&B	
LTR	13	Liriodendron tulipifera	Tulip Tree	2.5"	as shown	B&B	
UPR	21	Ulmus x holandica 'Pioneer'	Pioneer Elm	2.5"	as shown	B&B	
	52	Woodland Replacement Trees Provided					

sym.	qty.	botanical name	common name	caliper	spacing	root	height
Street Trees							
AR	14	Acer rubrum 'October Glory'	Red Maple 'October Glory'	2.5"	as shown	B&B	
AS	12	Acer saccharum 'Green Mountain'	Sugar Maple	2.5"	as shown	B&B	
LT	16	Liriodendron tulipifera	Tulip Tree	2.5"	as shown	B&B	
UP	18	Ulmus x holandica 'Pioneer'	Pioneer Elm	2.5"	as shown	B&B	
	60	Street Trees Provided					



ALLENDESIGN
LAND PLANNING / LANDSCAPE ARCHITECTURE
557 Carpenter
Northville, Michigan 48167
e. jca@wideopenwest.com
t. 248.467.4668

Seal:

JAMES C. ALLEN Landscape Architect 901068 STATE OF MICHIGAN REGISTERED LANDSCAPE ARCHITECT

Title:

Landscape Plan

Project:

Propsect Point Phase 2
Superior Township, Michigan

Prepared for:

SE Michigan Land Holdings LLC
13001 23 Mile Road, Suite 200
Shelby Township, Michigan 48315

Revision:	Issued:
Review	March 1, 2024

Job Number:

21-075

Drawn By:	Checked By:
jca	jca

0' 15' 30' 60'

NORTH
1"=60'

Sheet No.

L-1

Know what's below. Call before you dig.

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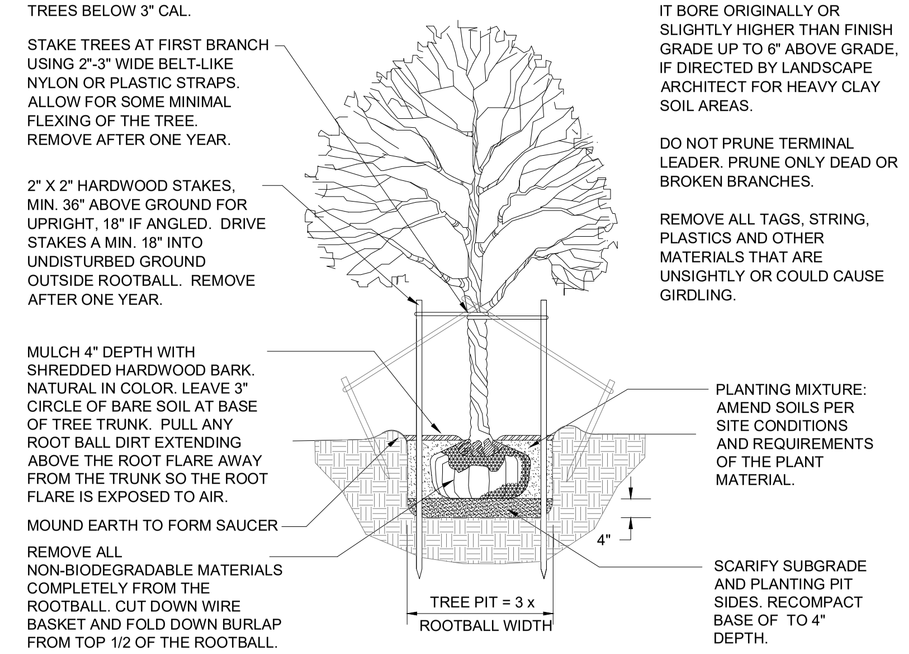
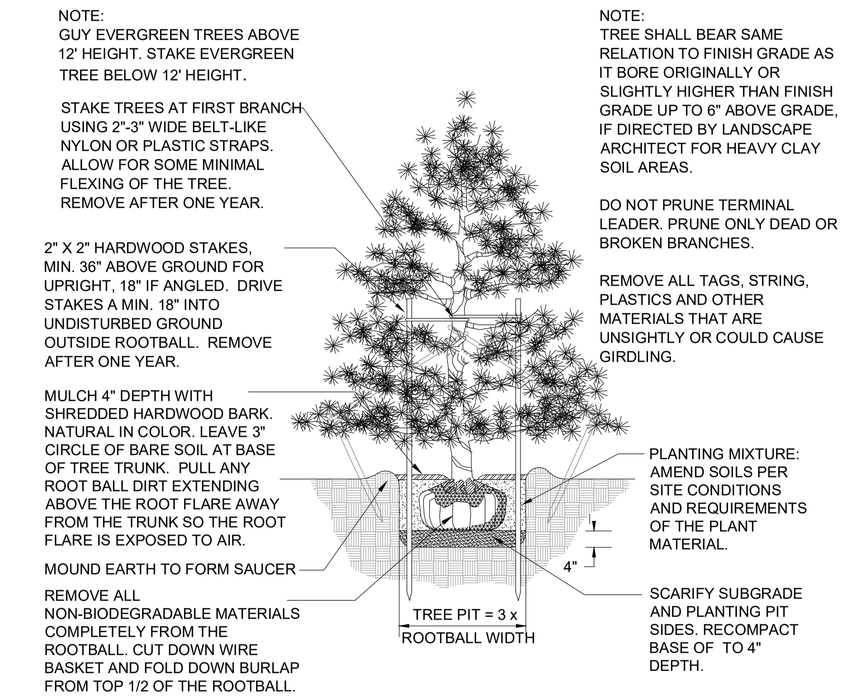


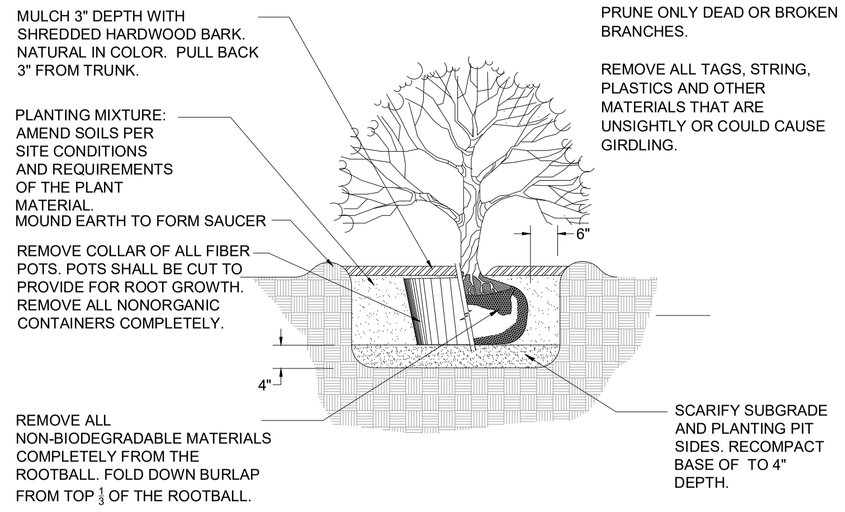
DECIDUOUS TREE PLANTING DETAIL

Not to scale



EVERGREEN TREE PLANTING DETAIL

Not to scale



SHRUB PLANTING DETAIL

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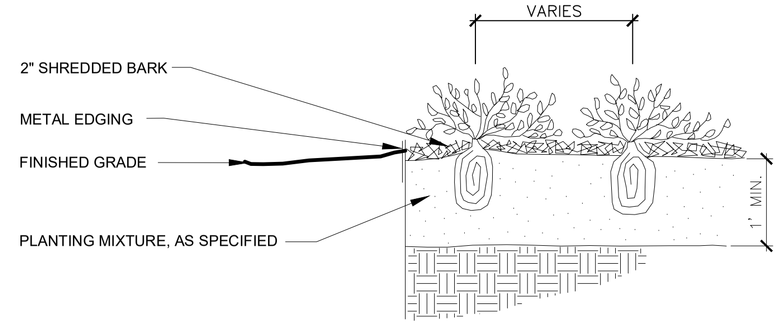
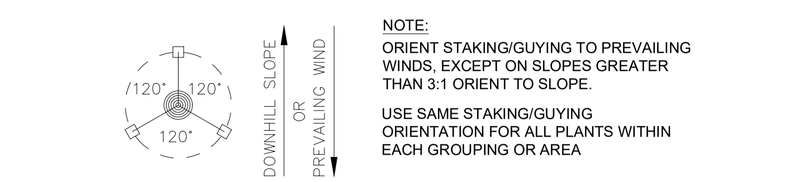
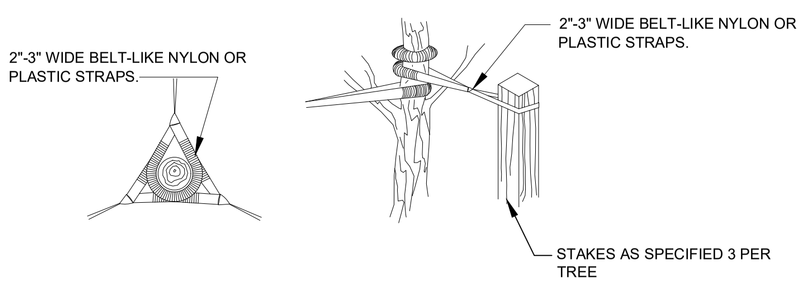


PERENNIAL PLANTING DETAIL

Not to scale



STAKING/GUYING LOCATION



GUYING DETAIL

STAKING DETAIL

TREE STAKING DETAIL

Not to scale

MAINTENANCE NOTES

a. Maintenance procedures and frequencies to be followed shall be specified on the site plan, along with the manner in which the effectiveness, health, and intended functions of the screening elements and plant materials on the site will be ensured.
b. Adequate provisions shall be made to regularly supply water to all required plant materials as necessary to ensure proper growth and development.
c. Plant materials shall be kept in a neat, orderly and healthy growing condition, free from weeds, debris and refuse. Tree stakes, guy wires and tree wrap shall be removed after one (1) year.
d. Pruning of plant materials shall be limited to the minimum necessary to ensure proper maturation of plants to achieve their intended purpose.
e. All required screening elements and plant materials shall be planted and maintained in accordance with an approved site plan. Failure to maintain required screening, including the removal and replacement of dead or diseased plant materials, shall be a violation of this Ordinance.
f. The replacement or removal of plant materials in a manner not consistent with an approved site plan shall be a violation of this Ordinance.

LANDSCAPE NOTES

1. All plants shall be north Midwest American region grown, No. 1 grade plant materials, and shall be true to name, free from physical damage and wind burn.
2. Plants shall be full, well-branched, and in healthy vigorous growing condition.
3. Plants shall be watered before and after planting is complete.
4. All trees must be staked, fertilized and mulched and shall be guaranteed to exhibit a normal growth cycle for at least two (2) full years following Township approval.
5. All material shall conform to the guidelines established in the most recent edition of the American Standard for Nursery Stock.
6. Provide clean backfill soil, using material stockpiled on site. Soil shall be screened and free of any debris, foreign material, and stone.
7. "Agriform" tabs or similar slow-release fertilizer shall be added to the planting pits before being backfilled.
8. Amended planting mix shall consist of 1/3 screened topsoil, 1/3 sand and 1/3 peat, mixed well and spread to the depth as indicated in planting details.
9. All plantings shall be mulched per planting details located on this sheet.
10. The Landscape Contractor shall be responsible for all work shown on the landscape drawings and specifications.
11. No substitutions or changes of location, or plant types shall be made without the approval of the Landscape Architect.
12. The Landscape Architect shall be notified in writing of any discrepancies between the plans and field conditions prior to installation.
13. The Landscape Contractor shall be responsible for maintaining all plant material in a vertical condition throughout the guaranteed period.
14. The Landscape Architect shall have the right, at any stage of the installation, to reject any work or material that does not meet the requirements of the plans and specifications, if requested by owner.
15. Contractor shall be responsible for checking plant quantities to ensure quantities on drawings and plant list are the same. In the event of a discrepancy, the quantities on the plans shall prevail.
16. The Landscape Contractor shall seed and mulch or sod (as indicated on plans) all areas disturbed during construction, throughout the contract limits.
17. A pre-emergent weed control agent, "Preen" or equal, shall be applied uniformly on top of all mulching in all planting beds.
18. Sod shall be two year old "Baron/Cheriadelphi" Kentucky Blue Grass grown in a sod nursery on loam soil.

© 2024 Allen Design L.L.C.

ALLENDESIGN
LAND PLANNING / LANDSCAPE ARCHITECTURE
557 Carpenter
Northville, Michigan 48167
e. jca@wideopenwest.com
t. 248.467.4668

Seal:

STATE OF MICHIGAN
JAMES C. ALLEN
Landscape Architect
No. 1548
REGISTERED LANDSCAPE ARCHITECT

Title:

Landscape Details

Project:

Propsect Point Phase 2
Superior Township, Michigan

Prepared for:

SE Michigan Land Holdings LLC
13001 23 Mile Road, Suite 200
Shelby Township, Michigan 48315

Revision:	Issued:
Review	March 1, 2024

Job Number:

21-075

Drawn By:	Checked By:
jca	jca

Know what's below. Call before you dig.

Sheet No.

L-2

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION AMENDING THE RATES, FEES AND CHARGES RELATED TO WATER SERVICES PROVIDED BY THE TOWNSHIP'S UTILITY DEPARTMENT (YPSILANTI COMMUNITY UTILITY AUTHORITY WATER DISTRICT)

RESOLUTION NUMBER: 2024-48

DATE: JULY 15, 2024

WHEREAS, this Board is authorized by statute and by the provisions of Township Ordinance No. 169 to determine by resolution rates, fees and charges for services and benefits by Township's sewer and water systems, and;

WHEREAS, the Ypsilanti Community Utilities Authority has increased the charge for water by 3.07% and sewer by 4.59%, and;

WHEREAS, the Superior Charter Township Utility Fund may not operate at a deficit, and;

WHEREAS, after an analysis of the effect of the new charges for water, it was determined that it would be adequate to increase our water rates by 4.07%, and sewer rates by 5.59%, and;

WHEREAS, this Board finds that the amended proposed schedule of fees is reasonable and necessary for the continuing operations of the Township Utility System and consistent with the past practices and policies of the Township.

NOW, THEREFORE, BE IT RESOLVED, that the Superior Charter Township Board does hereby determine that the fees for services and benefits furnished by the Township's water and sewer systems shall be amended per the attached Schedule A and Appendix B; and

BE IT FURTHER RESOLVED that this Resolution and attached schedule shall be published pursuant to Section 8 of the Charter Township Act being MCL 42.8 by posting in the Office of the Clerk, 3040 N. Prospect, Ypsilanti 48198 and on the Township website – www.superiortownship.org – with notice of such in *MLive*, an online newspaper of general circulation in the Township qualified under state law to publish legal notices, said rate changes shall be effective immediately upon publication thereof.

Memorandum

To: Board of Trustees
From: Mary Burton, Utility Director
Date: July 15, 2024
Subject: Water and Sewer Rate Increase

Background

The Township recently received notification of a water and sewer rate increase, effective September 1, 2024, beginning with September usage, from the Ypsilanti Community Utilities Authority (YCUA), one of our suppliers. As a direct result, it will be necessary for us to pass along a rate increase to our residents, who reside in the YCUA Water District.

Attached is a resolution amending the rates, fees and charges related to water and sewer services provided by the Township through the Utility Department. Also attached are a press release and a Schedule A showing the new rates.

The amendment addresses price increases for our residents who receive their water and sewer services from us through YCUA only.

YCUA Provided Water and Sewer Services (Note: All rates are in Hundred Cubic Feet(ccf))

* Water Rate Increase to the Township = 3.07%
* Water Rate Increase to the Residents = 4.07%
* Sewer Rate Increase to the Township = 4.59%
* Sewer Rate Increase to the Residents = 5.59%

The new rate for YCUA provided water will be $7.56 per ccf (from $7.26) and the new rate for sewer will be $5.28 (from $5.00). An average monthly residential water bill of 900 cubic feet will increase by $5.22. A minimum water/sewer billing of 333 cubic feet will go from $40.82 to $42.75 per month. The increase will affect bills to customers dated September 1, 2024 or later.

Recommended Action

It is recommended that the Charter Township of Superior approve the Resolution to increase the water and sewer rates.

/attachments (Resolution, Press Release, Schedule A)

Agenda Date: July 15, 2024

Township Supervisor Approval:_____

SCHEDULE A

SUPERIOR CHARTER TOWNSHIP
UTILITY DEPARTMENT FEES
575 EAST CLARK ROAD
YPSILANTI, MI 48198
734-480-5500

RESOLUTION ADOPTED FEBRUARY 27, 1996 AND AS AMENDED THROUGH JULY 15, 2024, SCHEDULE OF RATES, FEES AND CHARGES RELATED TO WATER AND SEWER SERVICES PROVIDED BY THE TOWNSHIP'S UTILITY DEPARTMENT.

Service Rates:

A. Water and sewer (including wastewater treatment) rates for Township customers served from the Ypsilanti Community Utilities Authority.

Effective September 1, 2024	
Water	$7.56 per 100 cubic feet
Minimum monthly billing	$25.17 (333 cubic feet)
Effective September 1, 2024	
Sewer	$5.28 per 100 cubic feet
Minimum monthly billing	$17.58 (333 cubic feet)

NOTE: All sewer rates are based on water usage, except to the extent of water metered through a separate "water-only" meter including irrigation, sprinkler and deduct meters.

PRESS RELEASE

On July 15, 2024, the Board of Trustees for the Charter Township of Superior approved a price increase for water and sewer for users who receive their services through Superior Township from the Ypsilanti Community Utilities Authority (YCUA).

The new rates will be effective on bills to Superior's customers dated September 1, 2024, or later.

The increase for Superior's YCUA supplied customers will be 4.07% for water and 5.59% for sewer. An average monthly residential bill of 900 cubic feet will go up $5.22 A minimum water billing of 333 cubic feet of water/sewer usage will go from $40.82to $42.75 per month.

For further information, contact the Superior Township Utility Department at 734-480-5500 or visit the Superior Township website at www.superior-twp.org.

Dedicated to Providing Top Quality, Cost Effective, and
Environmentally Safe Water and Wastewater Services to Our Customers

YPSILANTI COMMUNITY UTILITIES AUTHORITY

2777 STATE ROAD
YPSILANTI, MICHIGAN 48198-9112
TELEPHONE: 734-484-4600
WEBSITE: www.ycua.org

July 1, 2024

VIA ELECTRONIC and FIRST-CLASS MAIL

Mr. Kenneth Schwartz, Supervisor
SUPERIOR CHARTER TOWNSHIP
3040 North Prospect
Ypsilanti, Michigan 48198

Re: **Water Rate Increase**

Dear Mr. Schwartz:

Please be advised that the Ypsilanti Township water rate will increase by 3.07% effective for all bills dated on or after September 1, 2024. Therefore, pursuant to Superior Township's Water Service Contract with the Ypsilanti Community Utilities Authority, please consider this notification that the rate for water service will increase by 3.07% to $3.88 per 100 cubic feet. The new water rate will become effective for all invoices dated on or after September 1, 2024. Please note that the Great Lakes Water Authority has increased its rate to YCUA by 3.07% effective July 1, 2024.

Please contact me with any questions or concerns regarding this information by email at lblackburn@ycua.org or by phone at 734-484-4600 ext. 116.

Sincerely,

Luther Blackburn

LUTHER BLACKBURN, Executive Director
Ypsilanti Community Utilities Authority

cc: Ms. Lynette Findley, Clerk
Mr. Dwayne R. Harrigan
Ms. Gail M. Thomas

Appendix B

7/8/2024

YPSILANTI COMMUNITY UTILITIES AUTHORITY

Superior Township estimated/projected rate computation

For the year ending August 31, 2025
Based on data from August 31, 2025 budget

PROJECTED OPERATING AND MAINTENANCE COSTS

WWTP O&M costs	$	13,182,843
Collection System O&M		2,926,140
Total	$	16,108,983

ESTIMATED FLOWS

City	140,000,000	cu.ft.	11.8%
Township	415,000,000	cu.ft.	34.9%
WTUA	590,000,000	cu.ft.	49.6%
Superior	45,000,000	cu.ft.	3.8%
Total	1,190,000,000	cu.ft.	100.0%

User Charge- Superior	**2024/25 Rate per 100 cu.ft.**	**2024/25 Projected Revenue**
O & M rate - WWTP	$ 1.10780	$ 498,511
O & M rate - Collection system	0.63612	286,253
Contingency charge - WWTP O&M	0.05539	24,926
Contingency charge - Collec Sys O&M	0.03181	14,313
Pay as you go - Capital expenditures	0.10712	48,205
EPA reserve	0.01597	7,185
WWTP reserve	0.02325	10,464
Environmental reserve	0.03261	14,674
Collection system reserve	0.04348	19,565
Total	**$ 2.05354**	**$ 924,095**

Superior's share of existing and future WWTP debt service and collection system debt service will be billed in addition to the rate above.

Existing Collection System Debt	$	671.77
New WWTP Debt	$	11,504.93
Total	$	12,176.70

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION AMENDING THE RATES, FEES AND CHARGES RELATED TO WATER SERVICES PROVIDED BY THE TOWNSHIP'S UTILITY DEPARTMENT (ANN ARBOR TOWNSHIP WATER DISTRICT)

RESOLUTION NUMBER: 2024-49

DATE: JULY 15, 2024

WHEREAS, this Board is authorized by statute and by the provisions of Township Ordinance No. 169 to determine by resolution rates, fees and charges for services and benefits by Township's sewer and water systems, and;

WHEREAS, Ann Arbor Township has increased the charge for water by 4.95%, and sewer by 3.16%, and;

WHEREAS, the Superior Charter Township Utility Fund may not operate at a deficit, and;

WHEREAS, after an analysis of the effect of the new charges for water, it was determined that it would be adequate to increase our water rates by 4.95%, and sewer rates by 3.16%, and;

WHEREAS, this Board finds that the amended proposed schedule of fees is reasonable and necessary for the continuing operations of the Township Utility System and consistent with the past practices and policies of the Township.

NOW, THEREFORE, BE IT RESOLVED, that the Superior Charter Township Board does hereby determine that the fees for services and benefits furnished by the Township's water systems shall be amended per the attached Schedule A, Exhibit A; and

BE IT FURTHER RESOLVED that this Resolution and attached schedule shall be published pursuant to Section 8 of the Charter Township Act being MCL 42.8 by posting in the Office of the Clerk, 3040 N. Prospect, Ypsilanti 48198 and on the Township website – www.superiortownship.org – with notice of such in *MLive*, an online newspaper of general circulation in the Township qualified under state law to publish legal notices, said rate changes shall be effective immediately upon publication thereof.

Ann Arbor Charter Township

3792 Pontiac Trail
Ann Arbor, Michigan 48105-9656
734-663-3418 Fax 734-663-6678
www.aatwp.org

Diane O'Connell, Supervisor
Rena Basch, Clerk
Della DiPietro, Treasurer

John E. Allison, Trustee
Michael C. Moran, Trustee
Kris Olsson, Trustee
Rodney W. Smith, Trustee

June 19, 2024

Mary Burton
Utility Administrator
Superior Township

Dear Mary,

On June 17, 2024, the Ann Arbor Township Board of Trustees established the following water and sewer rates effective July 1, 2024:

Water: $8.90 per 100 Cubic Feet of Water
Sewer: $9.15 per 100 Cubic Feet of Water

Sincerely,

Iomar Whitt
Deputy Treasurer

EXHIBIT A TO RESOLUTION
ADOPTING WATER AND WASTEWATER SYSTEM RATES AND FEES

CONNECTION FEES

Water Connection Fees

Tap Size	Fee Per Tap*
1"	$6,164
1-1/2"	$13,869
2"	$24,656
4"	$98,625
6"	$221,907
8"	$394,501
10"	$616,407
12"	$887,627

* Exclusive of City of Ann Arbor connection and other related fees, all of which will be added to the fee.

Wastewater Connection Fees

Tap Size	Fee Per Tap*
1"	$1,300
1-1/2"	$2,925
2"	$5,200
4"	$20,800
6"	$46,801
8"	$83,202
10"	$130,003
12"	$187,204

* Exclusive of City of Ann Arbor connection and other related fees, all of which will be added to the fee.

Memorandum

To: Lynette Findley, Superior Township Clerk
From: Mary Burton, Utility Director
Date: July 15, 2024
Subject: Water and Sewer Rate Increase

Background

The Township recently received notifications of water and sewer rate and connection fee increases from Ann Arbor Township effective July 1, 2024, which is one of our suppliers. As a direct result, it will be necessary to pass along rate increases to our residents who reside in the Ann Arbor Township water district.

Attached is a Resolution amending (increasing) the rates, fees and charges related to water and sewer services provided by the Township through the Utility Department. In addition to the Ann Arbor Township rate increase, the new rate to our customers also recoups monthly costs the township incurs to cover cloud-based meter readings. Also attached are a press release, Exhibit A (connection fee schedule) and a Schedule A showing the new rates.

The amendment addresses price increases for our residents who receive their water/sewer services from us through Ann Arbor Township.

Ann Arbor Township Provided Water and Sewer Services (Note: All rates are in Hundred Cubic Feet (ccf))

* Water Rate Increase to the Township = 4.95% * Water Rate Increase to the Residents = 4.95%
* Sewer Rate Increase to the Township = 3.19% * Sewer Rate Increase to the Residents = 3.19%
* Water Connection Fee to the Township = 17.9% * Water Connection Fee to the Residents = 17.9%

The new rate for Ann Arbor Township provided water will be $11.40 per ccf (from $10.85) and for sewer will be $10.81 per ccf (from $10.48), for a total of $22.21 per ccf (from $21.33). An average monthly residential water bill of 900 cubic feet will increase by $7.83. A minimum water/sewer billing of 333 cubic feet will go from $71.03 to $73.92 per month. The increase will affect bills to customers dated August 1, 2024, or later.

Recommended Action

It is recommended that the Charter Township of Superior approve the Resolution to increase the water/sewer rates and connection fees.

/attachments (Resolution, Press Release, Schedule A, Exhibit A)

Agenda Date: July 15, 2024

Township Supervisor Approval:_____

SCHEDULE A

SUPERIOR CHARTER TOWNSHIP
UTILITY DEPARTMENT FEES
575 EAST CLARK ROAD
YPSILANTI, MI 48198
734-480-5500

RESOLUTION ADOPTED FEBRUARY 27, 1996 AND AS AMENDED THROUGH JULY 15, 2024, SCHEDULE OF RATES, FEES AND CHARGES RELATED TO WATER AND SEWER SERVICES PROVIDED BY THE TOWNSHIP'S UTILITY DEPARTMENT.

Service Rates:

A. Water and Sewer (including wastewater treatment) rates for Township customers served from the Ann Arbor Township water district.

Effective August 1, 2024	
Water	$11.40 per 100 cubic feet
Minimum monthly billing	$37.96 (333 cubic feet)

Effective August 1, 2024	
Sewer	$10.81 per 100 cubic feet
Minimum monthly billing	$36.00 (333 cubic feet)

NOTE: All sewer rates and surcharges are based on water usage, except to the extent of water metered through a separate "Water-only" meter.

PRESS RELEASE

On July 15, 2024, the Board of Trustees for the Charter Township of Superior approved a price increase for water and sewer users who receive their services through Superior Township from the Ann Arbor Township Water District.

The new rate will be effective on bills to Superior's customers dated August 1, 2024, or later.

The increase for Ann Arbor Township supplied customers will be 4.95% for water and 3.16% for sewer. An average monthly residential bill of 900 cubic feet will go up by $7.84. A minimum water billing of 333 cubic feet of water/sewer usage will go from $71.03 to $73.93 per month.

For further information, contact the Superior Township Utility Department at 734-480-5500 or visit the Superior Township website at www.superior-twp.org.

CHARTER TOWNSHIP OF SUPERIOR
WASHTENAW COUNTY, MICHIGAN

RESOLUTION REALLOCATING AMERICAN RESCUE PLAN ACT (ARPA) FUNDS

RESOLUTION NUMBER: 2024-50

DATE: JULY 15, 2024

WHEREAS, the Charter Township of Superior Board of Trustee's has carefully reviewed the American Rescue Plan Act ("ARPA") obligations, and;

WHEREAS, the Charter Township of Superior Board of Trustees recognizes its responsibility to the citizens of the Charter Township of Superior to carefully monitor the funds, and;

WHEREAS, the Board of Trustees of the Charter Township of Superior has carefully reviewed the revenues and expenditures for 2024 and offers the following ARPA allocations.

$64,000 change		
Expanded Scope for OHM		$ 37,500.00
Preliminary engineering paid by General		$ 12,500.00
Add'l funding orginally from General		$ 14,000.00
Total		$ 64,000.00

NOW THEREFORE BE IT RESOLVED that the Charter Township of Superior Board of Trustees adopt the proposed ARPA allocation of $64,000.00 as set forth in the attached report.

Original Resolution

Youth Arts Alliance	2023-02	$ 85,000.00
Firemans Park Improvements	2023-01	$ 293,450.00
WISD - Trusted Parent Advisors	2023-03	$ 50,000.00
Mighty Oak Project - CLR	2023-04	$ 85,000.00
Willow Run Acres - Clay Hill Farm	2023-05	$ 190,000.00
		$ 703,450.00
Community Center		$ 797,952.52
Total Arpa Funds		$ 1,501,402.52

Changes with additional $ to Fireman's Park			**Add'l $**	**Project totals**
Youth Arts Alliance	2023-02	$ 85,000.00		$ 85,000.00
Firemans Park Improvements	2023-01	$ 293,450.00	$ 64,000.00	$ 357,450.00
WISD - Trusted Parent Advisors	2023-03	$ 50,000.00		$ 50,000.00
Mighty Oak Project - CLR	2023-04	$ 85,000.00		$ 85,000.00
Willow Run Acres - Clay Hill Farm	2023-05	$ 190,000.00		$ 190,000.00
		$ 703,450.00		$ 767,450.00
			$ to Fireman's Park	
Community Center		$ 797,952.52	$ (64,000.00)	$ 733,952.52
Total Arpa Funds		$ 1,501,402.52		$ 1,501,402.52

$64,000 change	
Expanded Scope for OHM	$ 37,500.00
Preliminary engineering paid by General	$ 12,500.00
Add'l funding orginally from General	$ 14,000.00
	$ 64,000.00

TRANSIENT AND AMUSEMENT ENTERPRISES ACTIVITY PERMIT APPLICATION

Request is hereby made for a permit to operate a Transient and Amusement Enterprise as permitted in Section 6.05 of the Superior Township Zoning Ordinance.

APPLICANT INFORMATION

Organization Name Willow Run Acres

I.R.S.501(c) (3)
84-2973789

Contact Person T.C. Collins

Contact Address 111 South Wallace Blvd

Telephone (734) 717-4849 Fax _____ Email willowrunacres@gmail.com

Is the property owned by the organization? † YES ■ NO

If "NO", what is the organization's interest in the property? ~~Farming and education~~

Name, address and telephone number of property owner(s):

Superior Charter Township
3040 North Prospect
Ypsilanti, MI 48198

DESCRIPTION OF THE ACTIVITY

Proposed activity (describe each separate activity) Farming, education, farmer's market, community and health fairs/events, selling produce, selling arts and crafts items.

Date and time of activity April 1st, 2024 to November 1st, 2024. Mon, Wed, Fri 10 am - 2 pm; Sat, Sun 12 am - 3 pm

Location of activity 9045 MacArthur Blvd; 1850 North Harris; 1855 North Harris

Staff person(s) in charge of activity T.C. Collins

Describe staff supervision of activity Project manager and farm manager

Permits required by other agencies _____

DESCRIPTION OF THE SITE

Size of activity site 40' x 80' Size of buildings (if any) _____

Tax code number(s) of the property _____

Adjoining land uses: North_____ South_____

East _____ West_____

Availability of bathroom, hygiene facilities. Please describe._____

_____

Clean-up and removal of waste. Please describe. We will use our own trash cans and receptacles,

and we will remove the collected waste off-site.

The following items are required as part of the Transient and Amusement Enterprises Use Permit Application:

1. A letter of authority, or power of attorney, in case the application is made by a person other than the actual owner of the property.

   ↑ CHECK IF ATTACHED

2. A complete legal description of the premises (as stated on the deed or tax bills available in the Treasurer's Office).

   ■ CHECK IF ATTACHED

3. An accurate plot plan, drawn to scale, which indicates all access drives, buildings and other existing features of the site as well as all proposed features (parking, etc.) for the activity.

   ■ CHECK IF ATTACHED

4. A detailed description of the proposed activity.

   ■ CHECK IF ATTACHED

5. A copy of the property owner's liability insurance policy covering the proposed activity.

   ■ CHECK IF ATTACHED

APPLICANT

I hereby depose and say that all the statements in this application and statements contained in the documents and papers submitted herewith are true and correct.

Signature of Applicant: Tobin Collis

Signature of Notary: Nancy L Mason

Sworn to before me this 13TH day of MAY 2024

My commission expires 6-16-2027
(Notary Public, Washtenaw County, Michigan)

Signature of Property Owner (if other than applicant): _____

****

To be filled in by Township Clerk (or designated Township Officer/Personnel)

I hereby state that this petition was properly received and filed on _____ (date)

Signature of Clerk (or designee)

_____

NANCY L. MASON
NOTARY PUBLIC, STATE OF MI
COUNTY OF WASHTENAW
MY COMMISSION EXPIRES Jun 16, 2027
ACTING IN COUNTY OF Washtenaw

SUPERIOR CHARTER TOWNSHIP
3040 NORTH PROSPECT, YPSILANTI, MI 48198
TELEPHONE (734) 482-6099 FAX (734) 482-3842

Certificate of Zoning Compliance

This application must be accompanied by a site plan which is drawn to scale and contains the following information: 1) scale, date and north point. 2) location, shape and dimensions of the lot. 3) dimensioned location, outline and dimensions of all existing and proposed structures, and location and extent of uses not involving structures.

Address of Property: 9045 MacArthur Blvd; 1850 North Harris; 1855 North Harris

Applicant Name: T.C. Collins

Address: 111 South Wallace Blvd

City, State, Zip Code: Ypsilanti, Michigan, 48197

Phone Number: (734) 717-4849 Alternate Number: _____

Provide a complete description of existing and intended uses of the property and structures, existing and proposed:

The property and its structures will be used for Willow Run Acres' farming, community and youth education, community events and fairs, and selling produce and crafts items through a farmers market.

The undersigned certifies that he/she is the owner or agent of the owner authorized to submit this application.

TC Collins May 16th, 2024

Applicant Signature Date

****

Township Use Only

Parcel Number: _____

Site Plan Number: _____

Parcel Zoning District: _____

Zoning Administrator: _____

_____ Zoning Compliance Approved

_____ Zoning Compliance Denied

Reason for Denial: _____

Farmer's Market

Purpose:

The Farmers Market will be a community market, owned and operated by Willow Run Acres, a private non-profit 501 (c)(3) corporation. The Farmers Market will offer MacArthur and Harris residents access to locally grown fruits, vegetables, other farm products, and arts/crafts. Offering welcoming spaces for gathering, the Market will also help build the local community to foster the necessary relationships, collaboration, and engagement for the advancement of any community.

Market Description:

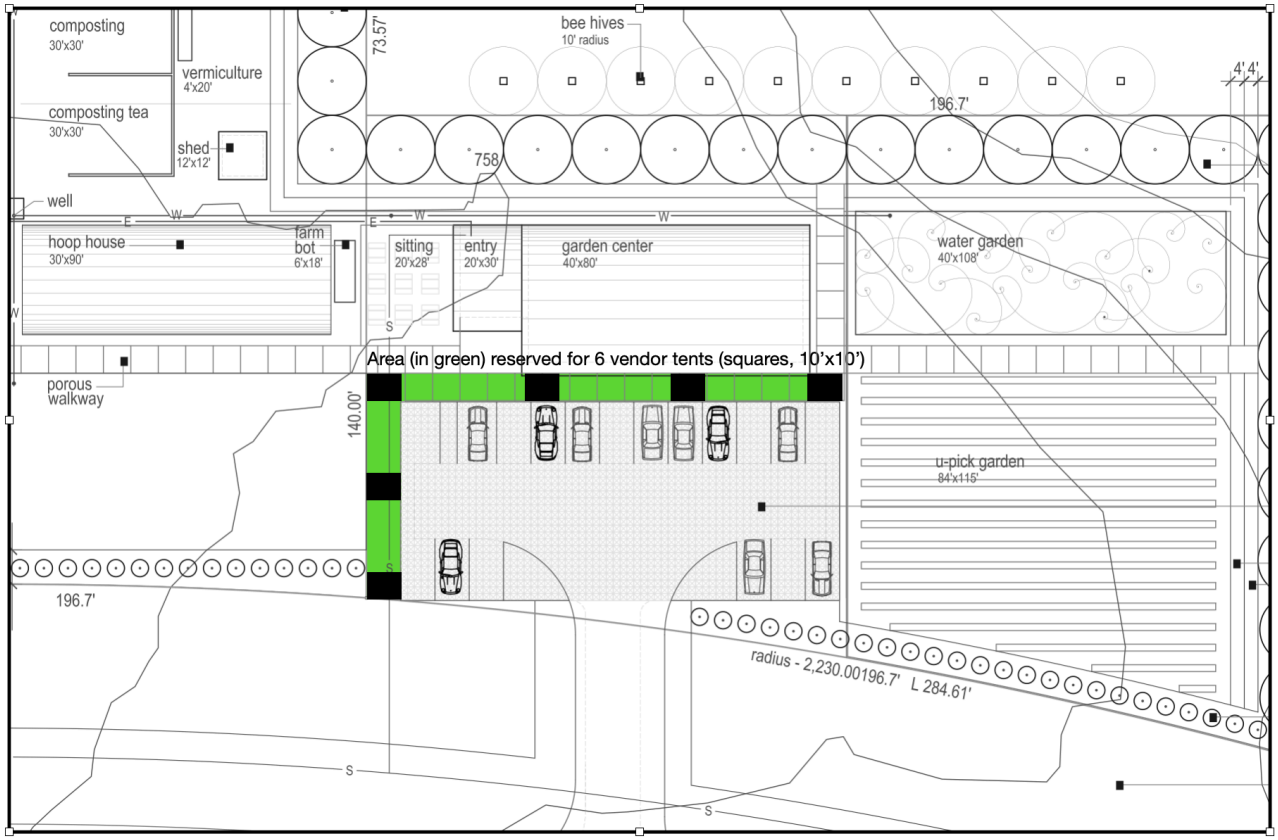
Willow Run Acres' Farmers Market will consist of an outdoor market located in Clay Hill Community Farm & Garden on MacArthur and Harris. The Clay Hill Farmers Market will Mon, Weds, Friday, from 10 am to 2 pm, as well as Sat, Sun, 12 pm to 3 pm. The season will run from April 1st through November 1st, 2024. The Market will offer fresh fruits, vegetables, arts, and crafts while also being a space for education, community events, and fairs.

10x10' Vendor stalls/tents will be arranged as shown on the accompanying site plan. It is anticipated there will be 6 vendors participating each week.

Parking for market patrons will be provided at the Clay Hill Community Farm & Garden parking lot. There are no restrooms on site, however, within walking distance (~1-2 min) are restrooms in Fireman's Park or the Superior Twp Library adjacent to the Market.

Attached on the following page is a site plan illustrating the layout of the Farmers Market.

WRA Farmers Market Site Plan



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SUPERIOR TOWNSHIP
Record of Disbursements

Date: July 15, 2024

*Contains all checks written since last report for the following funds:

General Bank - includes all checks written from the following funds:

101 - General Fund
203 - Side Street Maintenance Fund
211 - Legal Defense Fund
219 - Streetlight Fund
249 - Building Fund
266 - Law Fund
508 - Park Fund

206 - Fire Fund
592 - Utility Dept.
701 - Trust & Agency Fund

Total amount for all disbursements - $ 1,110,853.53

Note: Some of these checks were presented to the board for approval. All others are either pre-approved or under $3,000.00 for Government Funds and $5,000 for Utility Dept.

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank GENL GENERAL BANK					
Check Type: Paper Check					
06/18/2024	GENL	47959	JALEEN WILSON	TRASH PICK-UP MACARTHUR/WIARD/ROW	221.00
06/18/2024	GENL	47960	ROBERT ACTON	54- MECH/PLUMB INSPECTIONS 6/1-6/14/24	2,700.00
06/18/2024	GENL	47961	SUPERIOR TWP PAYROLL FUND	CASH TRANSFER 6/20/24 PAY	63,608.11
06/18/2024	GENL	47962	TGI DIRECT	POSTAGE FOR SPRING NEWSLETTER	875.71
06/20/2024	GENL	47963	A-PARKWAY SERVICES	PORTAJOHN -SUPERIOR DAYS	450.00
06/20/2024	GENL	47964	ABSOPURE WATER COMPANY	COOLER RENTAL - 2024	36.00
				SPRING WATER	82.95
					118.95
06/20/2024	GENL	47965	ANTHONY PACE	DUMP TICKET REIMBURSEMENT	50.00
06/20/2024	GENL	47966	BILL BALMES	CELL PHONE STIPEND - JUNE	50.57
06/20/2024	GENL	47967	BLUE CROSS/BLUE SHIELD-M	MEDICAL INSURANCE - JULY 2024	6,503.59
06/20/2024	GENL	47968	BOULLION SALES, INC.	SMALL EQUIPMENT PARTS	116.93
06/20/2024	GENL	47969	CINTAS CORPORATION - 300	RUG SERVICE MONTH OF JUNE	313.60
06/20/2024	GENL	47970	DELTA DENTAL	DENTAL INSURANCE - JULY 2024	787.14
06/20/2024	GENL	47971	DOG WASTE DEPOT	DOG WASTE STATION @ FIREMAN'S PARK	329.97
06/20/2024	GENL	47972	GFL ENVIRONMENTAL	RECYCLE BIN EXCHANGE - FIRE STATION	464.00
				RECYCLE BIN EXCHANGE - TOWN HALL	464.00
					928.00
06/20/2024	GENL	47973	GMAR MLS	2024 QUARTERLY MLS DUES	99.00
06/20/2024	GENL	47974	JENNIFER BANDYK	CELL PHONE STIPEND - JUNE	50.57
06/20/2024	GENL	47975	JOHN KENNETH PIATT	SURVEY OF VACANT LAND	1,800.00
06/20/2024	GENL	47976	LANDIS SMITH	CELL PHONE STIPEND - JUNE	50.57
06/20/2024	GENL	47977	LISA LEWIS	CELL PHONE STIPEND - JUNE	50.57
06/20/2024	GENL	47978	MEDMUTUAL LIFE	LIFE INSURANCE - JULY 2024	175.94
06/20/2024	GENL	47979	MICHIGAN TOWNSHIP'S ASSOCIATION	RECORDINGS OF MTA CONFERENCE	50.00
06/20/2024	GENL	47980	MIKE SHEPARD EXCAVATION, INC.	EXCAVATE LAND FOR SOIL EVALUATION	700.00
06/20/2024	GENL	47981	MLIVE MEDIA GROUP	POSTINGS APRIL-MAY	566.20
06/20/2024	GENL	47982	NANCY MASON	CELL PHONE STIPEND - JUNE	50.57
06/20/2024	GENL	47983	OHM ADVISORS	ENGINEERING SERVICES - FIRE STATION BATH	2,355.00
06/20/2024	GENL	47984	PAULA CALOPISIS	CELL PHONE STIPEND - JUNE	50.57
06/20/2024	GENL	47985	PETTY CASH	LOAN FOR TAX SEASON	200.00
06/20/2024	GENL	47986	QUADIENT LEASING USA, INC.	POSTAGE METER/FOLDING MACHINE LEASE	1,055.46
06/20/2024	GENL	47987	SPARTAN DISTRIBUTORS INC	PTO MOWER BELT	65.80
06/20/2024	GENL	47988	STEVEN BARTH	DUMP TICKET REIMBURSEMENT	22.00
06/20/2024	GENL	47989	SUPERIOR TOWNSHIP CREDIT CARD ACCT	SHINE N BRIGHT - CAR WASH COUPONS	56.00
06/20/2024	GENL	47990	SUPERIOR TWP PAYROLL FUND	HSA FEES - JUNE 2024	25.50
06/20/2024	GENL	47991	VSP INSURANCE CO	VISION INSURANCE - JULY 2024	232.32
06/20/2024	GENL	47992	YPSILANTI ACE HARDWARE	DOOR KEYS	3.84
06/25/2024	GENL	47993	ALJ SOLUTIONS LLC	TROUBLESHOOT INTERNET IN BOARD ROOM	164.00
06/25/2024	GENL	47994	BRENTWOOD ELECTRIC	OVERPAYMENT OF PERMIT -3847 NAPIER RD	273.00
06/25/2024	GENL	47995	DON WALIGORE	CELL PHONE STIPEND - MAY 24	40.03
06/25/2024	GENL	47996	GORDON FOOD SERVICE, INC.	KITE & ROCKET DAY FOOD	39.48
				KITE & ROCKET DAY FOOD	265.01
				BUILDING SUPPLIES	344.19
					648.68
06/25/2024	GENL	47997	JALEEN WILSON	TRASH PICK-UP MACARTHUR/WIARD/ROW	204.00
06/25/2024	GENL	47998	MIDSTATES RECREATION	EWF @ PARKS	3,953.00
06/25/2024	GENL	47999	O'SHEA CONSTRUCTION LLC	OVERAYMENT OF PERMIT - 5670 E STONE VALL	4,701.00

Check Date	Bank	Check	Vendor Name	Description	Amount
06/25/2024	GENL	48000	PARKWAY SERVICES	PORTAJOHN FOR KITE & ROCKET DAY	130.00
06/25/2024	GENL	48001	PROFESSIONAL BUILDING MAINTENANCE	CLEANING OF TOWNHALL - JUNE 2024	1,792.25
06/25/2024	GENL	48002	ROBERT BUTLER	ORDINANCE VIOLATION MOWING	700.00
				2024 CONTRACT - #5	1,695.73
					2,395.73
06/25/2024	GENL	48003	SUMMIT SUPPLY CORPORATION	SWING SEATS - COMMUNITY PARK	477.75
06/25/2024	GENL	48004	SUPERIOR TOWNSHIP CREDIT CARD ACCT	QUICKBOOKS -JUNE 2024	281.50
				SMARTSHEET -JUNE	9.00
				2024 ANNUAL CLERK CONFERENCE	475.00
				HOTEL STAY FOR CLERK'S CONFERENCE	482.10
					1,247.60
06/25/2024	GENL	48005	SUPERIOR TWP PAYROLL FUND	PENSION /HCSP - JUNE 2024	19,715.06
06/25/2024	GENL	48006	SUPERIOR TWP TRUST & AGENCY	$ OWED AFTER ADJUSTING ENTRIES FROM AUDI	7.03
06/25/2024	GENL	48007	SUPERIOR TWP UTILITY DEPARTMENT	JUAN CELL PHONE - JUNE 2024	49.87
				CELL PHONE - LOCKIE JUNE 2024	12.52
					62.39
06/25/2024	GENL	48008	WASHTENAW COUNTY TREASURER	2024 CONTRACT - JUNE	147,741.70
06/25/2024	GENL	48009	YPSILANTI ACE HARDWARE	SHOP SUPPLIES	25.16
06/27/2024	GENL	48010	U.S. POSTAL SERVICE	POSTAGE - ELECTIONS 2024	4,000.00
07/02/2024	GENL	48011	AMAZON CAPITAL SERVICES	DVD'S FOR MOVIES ON THE GREEN	59.97
07/02/2024	GENL	48012	AMAZON CAPITAL SERVICES, INC	3 RING BINDER DIVIDERS FOR BOARD BOOKS	22.53
07/02/2024	GENL	48013	ANN ARBOR AREA TRANSPORTATION AUTH.	2024 - JUNE	8,819.59
07/02/2024	GENL	48014	CANON FINANCIAL SERVICES INC.	LEASE ON (2) COPY MACHINES & COPIES	524.32
07/02/2024	GENL	48015	CARLISLE WORTMAN ASSOCIATES	2024 ZONING ORDINANCE REWRITE	460.00
				CLAY HILL FARM	140.00
				ZONING/PLANNING	9,700.00
					10,300.00
07/02/2024	GENL	48016	CASTLEBERRY & LUCAS	LEGAL SERVICES	6,540.00
07/02/2024	GENL	48017	CONKLIN LANDSCAPING, INC	RIDGE & GEDDES ROUNDABOUT MOWING-MAY	160.00
				SUPERIOR & GEDDES ROUNDABOUT MOWING-MAY	500.00
					660.00
07/02/2024	GENL	48018	FUNFLICKS OF MICHIGAN	MOVIES ON THE GREEN - SOUND & PROJECTOR	380.01
07/02/2024	GENL	48019	HOME DEPOT CREDIT SERVICES	SHOP SUPPLIES, AUGER & POST FOR FIREMAN'	638.99
07/02/2024	GENL	48020	JALEEN WILSON	TRASH PICK-UP MACARTHUR/WIARD/ROW	187.00
07/02/2024	GENL	48021	JAMEEL S WILLIAMS	LEGAL SERVICES - JUNE 24	2,507.00
07/02/2024	GENL	48022	JOSEPH JOHNSON	DUMP TICKET REIMBURSEMENT	24.00
07/02/2024	GENL	48023	LISA LEWIS	MILEAGE REIMBURSEMENT 5/7-6/24/24	127.30
07/02/2024	GENL	48024	LOWE'S	SHOP SUPPLIES - GRAFITTI REMOVER	151.34
07/02/2024	GENL	48025	LYNETTE FINDLEY	MILEAGE REIMBURSEMENT - MARCG 6-6-27/24	710.82
07/02/2024	GENL	48026	PFEFFER, HANNIFORD & PALKA	2023 AUDIT & ADD'L CONSULTING ISSUES	17,050.00
07/02/2024	GENL	48027	ROBERT ACTON	59 - MECH/PLUMB INSPECTIONS 6/15-28/24	2,950.00
07/02/2024	GENL	48028	SAM'S CLUB/SYNCHRONY BANK	SUPERIOR DAY - KITE AND ROCKET DAY	1,558.26
07/02/2024	GENL	48029	SHONDA BROWN	DUMP TICKET REIMBURSEMENT	22.00
07/02/2024	GENL	48030	STAPLES CREDIT PLAN	OFFICE SUPPLIES	217.52
07/02/2024	GENL	48031	SUPERIOR TOWNSHIP CREDIT CARD ACCT	ZOOM -JUNE 2024	71.98
07/02/2024	GENL	48032	SUPERIOR TWP PAYROLL FUND	CASH TRANSFER 7/3/24 PAY	66,822.39
07/02/2024	GENL	48033	TAZ NETWORKS, INC	INTERNET DOWN	217.50
				MANAGE FIREWALL -JULY	303.00

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Check Date	Bank	Check	Vendor Name	Description	Amount
				SET UP NEW USER - CARLISLE	302.08
				NETWORK FLAT FEE -JULY 2024	1,246.79
					2,069.37
07/02/2024	GENL	48034	TERMINIX PROCESSING CENTER	PEST CONTROL -JUNE 2024	127.00
07/02/2024	GENL	48035	TGI DIRECT	2024 SPRING NEWSLETTER DATA & MAIL PROCE	5,743.74
07/02/2024	GENL	48036	TRUGREEN PROCESSING CENTER	LAWN SERVICE -JUNE 2024	152.43
07/02/2024	GENL	48037	ULINE	PICNIC TABLES @ FIREMAN'S PARK	2,257.60
07/09/2024	GENL	48038	WEX BANK	FUEL - JUNE 2024	100.17
07/09/2024	GENL	48039	WEX BANK	FUEL - JUNE 2024	164.57
07/09/2024	GENL	48040	WEX BANK	FUEL - JUNE 2024	623.14
07/09/2024	GENL	48041	ABSOPURE WATER COMPANY	COOLER RENTAL - JUNE 2024	36.00
				SPRING WATER	69.95
					105.95
07/09/2024	GENL	48042	AMAZON CAPITAL SERVICES	SANDLOT DVD	13.67
07/09/2024	GENL	48043	COMCAST	INTERNET -JUNE 24	164.32
07/09/2024	GENL	48044	CONKLIN LANDSCAPING, INC	RIDGE & GEDDES ROUNDABOUT MOWING-JUNE	160.00
				SUPERIOR & GEDDES ROUNDABOUT MOWING-JUNE	680.00
				PROSPECT ROAD BRIDGE AREA	960.00
					1,800.00
07/09/2024	GENL	48045	DR TRAILER SALES	LANDSCAPE TRAILER	5,697.00
07/09/2024	GENL	48046	DTE ENERGY	GEN/LAW SPLIT/OLD TOWN HALL ELEC -JUNE	1,173.63
				APT "1" GAS-- JUNE 24	57.05
				OLD TOWN HALL GAS- JUNE 24	57.05
				GEN/LAW SPLIT/GENERATOR-GAS -JUNE 24	135.25
				ELECTRIC - PARKS BARN - JUNE 24	29.46
				DIXBORO VILLAGE GREEN ELECTRIC JUNE	25.60
				SIREN @ 1989 PROSPECT -- JUNE 24	24.57
					1,502.61
07/09/2024	GENL	48047	VOID		V
			Void Reason: Created From Check Run Process		
07/09/2024	GENL	48048	DTE ENERGY	STREETLIGHTS -JUNE 24	8,044.47
07/09/2024	GENL	48049	GFL ENVIRONMENTAL	RECYCLE BIN EXCHANGE - TOWN HALL/FIRE ST	928.00
07/09/2024	GENL	48050	JALEEN WILSON	TRASH PICK-UP MACARTHUR/WIARD/ROW	204.00
07/09/2024	GENL	48051	JAMES WARREN	DUMP TICKET REIMBURSEMENT - FINAL FOR YE	28.00
07/09/2024	GENL	48052	JUAN BRADFORD	MILEAGE REIMBURSEMENT 5/1-6/20/24	215.74
07/09/2024	GENL	48053	O'REILLY AUTOMOTIVE, INC.	TRUCK/SHOP SUPPLIES	10.37
07/09/2024	GENL	48054	OHM ADVISORS	ENGINEERING SERVICES	56,298.75
				ENGINEERING SERVICES	1,570.00
				ENGINEERING SERVICES	18,338.00
					76,206.75
07/09/2024	GENL	48055	PFM FINANCIAL ADVISORS LLC	ANNUAL DISCLOSURE STATEMENT 2023	1,000.00
07/09/2024	GENL	48056	ROBERT BUTLER	2024 CONTRACT - #6	1,695.73
07/09/2024	GENL	48057	SUPERIOR TOWNSHIP CREDIT CARD ACCT	TRAINING - LEWIS MTA	15.00
				MI ASSESSORS ASSOCIATION CONFERENCE - (3	845.64
					860.64
07/09/2024	GENL	48058	SUPERIOR TWP PAYROLL FUND	HSA FEES - JULY 2024	25.50
07/09/2024	GENL	48059	SWANK MOTION PICTURES, INC	2 - MOVIE LICENSES	810.00
07/09/2024	GENL	48060	TAZ NETWORKS, INC	INTERNET IN BOARD ROOM	507.50

Check Date	Bank	Check	Vendor Name	Description	Amount
07/09/2024	GENL	48061	TRUGREEN PROCESSING CENTER	LAWN SERVICE -JUNE 2024	152.43
07/09/2024	GENL	48062	WASHTENAW CTY ENVIRONMENTAL HEALTH	WELL PERMIT FOR LAND FOR SALE	309.00
				Total Paper Check:	504,156.58

GENL TOTALS:

Total of 104 Checks:	504,156.58
Less 1 Void Checks:	0.00
Total of 103 Disbursements:	504,156.58

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank FIRE FIRE FUND					
Check Type: Paper Check					
06/18/2024	FIRE	27359	SUPERIOR TWP PAYROLL FUND	CASH TRANSFER 6/20/24 PAY	64,392.10
06/20/2024	FIRE	27360	ANN ARBOR CLEANING SUPPLY	BUILDING SUPPLIES	262.00
06/20/2024	FIRE	27361	BLUE CROSS/BLUE SHIELD-M	MEDICAL INSURANCE - JULY 2024	13,541.80
06/20/2024	FIRE	27362	COMCAST	ADD'L OUTLET STATION #1 -JUNE 24	10.53
06/20/2024	FIRE	27363	CORRIGAN OIL COMPANY	182.70 GALLONS DIESEL	496.88
06/20/2024	FIRE	27364	DELTA DENTAL	DENTAL INSURANCE - JULY 2024	1,060.02
06/20/2024	FIRE	27365	ELITE TRAUMA CLEAN-UP	DISPOSAL OF MEDICAL WASTE	80.00
06/20/2024	FIRE	27366	ESO SOLUTIONS, INC.	FIRE/EMS REPORTING RENEWAL - JUL 24-JUL	3,168.16
06/20/2024	FIRE	27367	GABBYS BP	REC FUEL	48.31
06/20/2024	FIRE	27368	JEFFREY KUJAWA	MILEAGE REIMBURSEMENT 5/8-6/16/24	198.32
06/20/2024	FIRE	27369	MEDMUTUAL LIFE	LIFE INSURANCE - JULY 2024	136.20
06/20/2024	FIRE	27370	MUNICIPAL EMERGENCY SERVICES	FACE CAP	73.97
				HELMET	486.71
					560.68
06/20/2024	FIRE	27371	PHILIP W. DICKINSON	HEALTH INSURANCE REIMBURSEMENT 2024	271.76
06/20/2024	FIRE	27372	SAFEWARE, INC.	02, CO SENSORS	1,950.00
06/20/2024	FIRE	27373	SUPERIOR TWP PAYROLL FUND	HSA FEES - JUNE 2024	51.00
06/20/2024	FIRE	27374	VSP INSURANCE CO	VISION INSURANCE - JULY 2024	240.79
06/25/2024	FIRE	27375	BLUEBEAM, INC.	SUBSCRIPTION UPGRADE - KIMBALL	174.00
06/25/2024	FIRE	27376	CANON FINANCIAL SERVICES INC.	LEASE ON COPY MACHINE - COPY USAGE	205.80
06/25/2024	FIRE	27377	COMCAST	INTERNET - STATION #2 -JULY 24	387.69
06/25/2024	FIRE	27378	HOME DEPOT CREDIT SERVICES	STATION SUPPLIES	537.06
06/25/2024	FIRE	27379	JIM KOVALAK EXCAVATING INC.	SEPTIC TANK CLEANING - STATION #1	530.00
06/25/2024	FIRE	27380	SUPERIOR TOWNSHIP CREDIT CARD ACCT	OIL CHANGE - CHIEF VEHICLE	89.11
				ICC SUBSCRIPTION	794.00
				RESTAURANT DEPOT - WATER	45.18
				ADOBE YEARLY SCRIPT	1,019.40
				CREDIT INVOICE WAS NOT PAID BY CREDIT CA	(1,552.50)
					395.19
06/25/2024	FIRE	27381	SUPERIOR TWP PAYROLL FUND	PENSION/HCSP - JUNE 2024	27,949.87
06/25/2024	FIRE	27382	VARSITY FORD	REPAIR OF TRUCK DAMAGED IN ACCIDENT	4,148.15
07/02/2024	FIRE	27383	ALJ SOLUTIONS LLC	MOVING OF PHONES AT STATION	347.06
07/02/2024	FIRE	27384	AMERICAN AQUA, INC.	WATER SOFTNER SUPPLIES	386.14
07/02/2024	FIRE	27385	AMERICAN SPRINKLER	SPRINKLER SERVICE - STATION #1	775.00
07/02/2024	FIRE	27386	ASSOCIATED PLUMBING & SEWER INC.	INSTALL WATER METERS @ STATION #2	2,356.00
07/02/2024	FIRE	27387	BATTERIES PLUS - 389	BATTERIES	98.00
07/02/2024	FIRE	27388	COMCAST	INTERNET SERVICES - ST #1 -JULY 2024	373.30
07/02/2024	FIRE	27389	DTE ENERGY	ELECTRIC @ STATION #1 -JUNE 24	844.15
				GAS - STATION #1 -JUNE 24	85.72
					929.87
07/02/2024	FIRE	27390	LINDE GAS & EQUIPMENT, INC	OXYGEN CYLINDER RENTAL	54.56
07/02/2024	FIRE	27391	PFEFFER, HANNIFORD & PALKA	2023 AUDUT	2,550.00
07/02/2024	FIRE	27392	POSITIVE PROMOTIONS, INC.	PUBLIC EDUCATION BOOKS	199.45
07/02/2024	FIRE	27393	STAPLES CREDIT PLAN	OFFICE SUPPLIES	395.67
07/02/2024	FIRE	27394	SUB-AQUATICS, INC	SEMI ANNUAL PREVENTATIVE MAINTENANCE	787.41
07/02/2024	FIRE	27395	SUPERIOR TWP GENERAL FUND	ACCOUNTING FEES 2024 - 2ND QTR	6,250.00
07/02/2024	FIRE	27396	SUPERIOR TWP PAYROLL FUND	CASH TRANSFER 7/3/24 PAY	60,589.40
07/02/2024	FIRE	27397	SUPERIOR TWP UTILITY DEPARTMENT	WATER -STATION #2	40.82

Check Date	Bank	Check	Vendor Name	Description	Amount
07/02/2024	FIRE	27398	TAZ NETWORKS, INC	DOWNLOAD SECURITY FOOTAGE	36.25
				NETWORK FLAT FEE -JULY 2024	707.78
				INTERNET OUTAGE	60.41
				FIREWALL MANAGEMENT - JULY 2024	298.00
					1,102.44
07/02/2024	FIRE	27399	TIMOTHY WINTERS	HEALTH INSURANCE REIMBURSEMENT - JULY 20	313.18
07/02/2024	FIRE	27400	WASHTENAW AREA MUTUAL AID ASSOC	TRAINING - HYDRANT OPERATIONS	200.00
07/02/2024	FIRE	27401	WASHTENAW CO. SOIL EROSION	STATION #1 DRIVEWAY PROJECT	25.00
07/09/2024	FIRE	27402	BATTERIES PLUS - 389	BATTERIES	271.20
07/09/2024	FIRE	27403	CORRIGAN OIL COMPANY	261.30 GALLONS DIESEL FUEL	806.39
07/09/2024	FIRE	27404	DTE ENERGY	ELECTRIC & GAS - STATION #2- JUNE 2024	805.12
07/09/2024	FIRE	27405	EMERGENT HEALTH PARTNERS	2024 - JULY	3,486.50
07/09/2024	FIRE	27406	PRIORITY ONE EMERGENCY	WINTER SHIRT	77.99
07/09/2024	FIRE	27407	SUPERIOR TWP PAYROLL FUND	HSA FEES - JULY 2024	51.00
07/09/2024	FIRE	27408	VERIZON WIRELESS	CELL PHONES -JUNE 2024	560.96
07/09/2024	FIRE	27409	WEX BANK	FUEL - JUNE 2024	363.42
				Total Paper Check:	204,992.19

FIRE TOTALS:

Total of 51 Checks:	204,992.19
Less 0 Void Checks:	0.00
Total of 51 Disbursements:	204,992.19

Superior Township Utility Department
Check Register
June 18 through July 15, 2024

Date	Num	Name	Memo	Amount
100 · CASH - O&M				
101 · Checking - Chase 205000485529				
06/18/24	14928	Superior Twp. Payroll Fund	Payroll 6/20/24	(31,103.36)
06/20/24	14929	Amazon Capital Services, Inc.	Work Clothes	(254.93)
06/20/24	14930	Blue Cross Blue Shield	Medical Insurance -JULY 24	(12,788.73)
06/20/24	14931	Bostwick Co., Inc.	Driveway Repair - 1708 Dover Ct.	(6,400.00)
06/20/24	14932	Corrigan Oil Co.	202.7 Gallons Diesel	(520.99)
06/20/24	14933	Delta Dental Plan of Michigan	Dental Insurance - July 24	(816.48)
06/20/24	14934	Live Voice	Answering Service	(338.55)
06/20/24	14935	Mary Burton	Car Rental, Meals, Fuel & Baggage - AWWA - M. Burton	(936.29)
06/20/24	14936	MedMutual Life	Life Insurance - July 24	(90.80)
06/20/24	14937	SiteOne Landscape Supply	Weed Killer	(135.00)
06/20/24	14938	Superior Township Credit Card Accou...	Hotel - Conference Burton	(1,668.47)
06/20/24	14939	Superior Twp. Payroll Fund	HSA Fees - June	(12.75)
06/20/24	14940	Taz Networks Inc.	QuickBooks Issue	(48.33)
06/20/24	14941	Terminix Processing Center	Pest Control	(77.00)
06/20/24	14942	UIS	Cellular Modem for SCADA	(2,585.00)
06/20/24	14943	Verizon	Cell Phones - May24	(559.23)
06/20/24	14944	Vision Service Plan	Vision Insurance - July 24	(186.34)
06/20/24	14945	Ypsilanti Comm. Utilities Authority	W/S Purch. - May24	(233,912.69)
06/25/24	14946	Comcast	Internet - Maint. Fac. - Jun24	(373.30)
06/25/24	14947	DTE	Gas/Elect - June 24	(1,485.43)
06/25/24	14948	Superior Township Credit Card Accou...	QB monthly charge for users -June	(281.50)
06/25/24	14949	Superior Twp. Payroll Fund	Pension - HCPS - June 2024	(10,858.74)
06/28/24		Advance Title Agency	Account turned over to Escheats	0.00
06/28/24		David & Lakisha Prince	Account turned over to Escheats	0.00
06/28/24		Dong Sun	Account turned over to Escheats	0.00
06/28/24		Michael Compau	Account turned over to Escheats	0.00
07/02/24		Miscellaneous Vendor	Account turned over to Escheats	0.00
07/02/24	14950	Amazon Capital Services, Inc.	Office supplies	(718.71)
07/02/24	14951	Carlin Cookman	Refund Excess W/S - 1187 Stamford	(66.68)
07/02/24	14952	Cedric Washington	Refund excess W/S	(592.62)
07/02/24	14953	Cintas Corporation	First Aid Cabinet Resupply	(157.17)
07/02/24	14954	Dawn Taylor	Refund W/S Overpayment	(168.24)
07/02/24	14955	DTE	Gas/Electric - June 24	(924.72)
07/02/24	14956	Fastenal	Building Supplies	(107.41)
07/02/24	14957	Heikkinen Productions	Uniform Logos	(104.00)
07/02/24	14958	Infinity Acquisitions LLC	Refund Excess W/S	(7.53)
07/02/24	14959	Marco	Printer Copies	(157.07)
07/02/24	14960	Nicolas Contracting	Meter Usage - Refund	(3,922.20)
07/02/24	14961	OHM Engineering Advisors	Consumers confidence report	(4,059.50)
07/02/24	14962	Paragon Laboratories	Bacti Samples	(75.00)
07/02/24	14963	Pfeffer, Hanniford & Palka	2022	(6,700.00)
07/02/24	14964	Quadient Leasing USA, Inc.	Folder Lease	(1,271.10)
07/02/24	14965	Sam's Club	Yearly membership	(275.81)
07/02/24	14966	Superior Twp. Payroll Fund	Payroll 7/3/24	(29,736.41)

Superior Township Utility Department
Check Register
June 18 through July 15, 2024

Date	Num	Name	Memo	Amount
07/02/24	14967	Superior Twp. Trust & Agency	Chase Acct. 101 W/S Refunds to Escheats	(421.35)
07/02/24	14968	Taz Networks Inc.	Monthly admin fee	(746.99)
07/02/24	14969	TruGreen	Lawn service - June 24	(402.86)
07/02/24	14970	Ypsilanti Comm. Utilities Authority	W/S Purch. - AR Properties - Jun24	(263.61)
07/09/24	14971	Badger Meter	Monthly Services -Jun24	(3,135.86)
07/09/24	14972	DTE	Electric @ 810 W. Clark - June 24	(907.21)
07/09/24	14973	Superior Township Credit Card Accou...	Adobe Monthly Charge	(21.19)
07/09/24	14974	Superior Twp. Payroll Fund	HSA Fees - July	(12.75)
07/09/24	14975	Wex Bank	Fuel - June	(367.26)
Total 101 · Checking - Chase 205000485529				(360,757.16)
Total 100 · CASH - O&M				(360,757.16)
120 · CASH - CAPITAL RESERVE				
125 · CR Chkg. - Chase 639918234				
06/20/24	978	Deneweth, Vittiglio & Sassak, P.C.	LaSalle Lawsuit	(6,501.50)
07/02/24	979	OHM Engineering Advisors	Stamford Water Main Replacement	(812.00)
Total 125 · CR Chkg. - Chase 639918234				(7,313.50)
Total 120 · CASH - CAPITAL RESERVE				(7,313.50)
TOTAL				(368,070.66)

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank TRUST TRUST & AGENCY					
Check Type: Paper Check					
07/02/2024	TRUST	1000	CARLISLE WORTMAN ASSOCIATES	PLANNING SERVICES	630.00
				PLANNING SERVICES	360.00
				PLANNING SERVICES	250.00
					1,240.00
07/02/2024	TRUST	1001	OHM ADVISORS	ENGINEERING SERVICES	1,004.00
				ENGINEERING SERVICES	1,810.00
				ENGINEERING SERVICES	1,771.00
				ENGINEERING SERVICES	2,345.25
				ENGINEERING SERVICES	2,079.00
				ENGINEERING SERVICES	2,243.50
				ENGINEERING SERVICES	150.00
					11,402.75
07/02/2024	TRUST	1002	STATE OF MICHIGAN	2023 UNCLAIMED PROPERTY - ESCHEATS	421.35
07/02/2024	TRUST	1003	SUPERIOR TWP GENERAL FUND	TRAILER FEES - MAY 2024	394.00
				PAY BACK "BORROWED" MONEY TILL ACCT ESTA	493.00
					887.00
07/02/2024	TRUST	1004	WASHTENAW COUNTY TREASURER	TRAILER FEES - MAY 2024	1,970.00
07/09/2024	TRUST	1005	ERIK BODKER	TEMP C/O BOND REFUND -2022 HUNTERS CREEK	500.00
07/09/2024	TRUST	1006	OHM ADVISORS	ENGINEERING SERVICES	13,106.00
				ENGINEERING SERVICES	672.50
				ENGINEERING SERVICES	461.50
				ENGINEERING SERVICES	612.00
					14,852.00
07/09/2024	TRUST	1007	SUPERIOR TWP GENERAL FUND	TRAILER FEES - JUNE 2024	393.50
07/09/2024	TRUST	1008	WASHTENAW COUNTY TREASURER	TRAILER FEES - JUNE 2024	1,967.50
				Total Paper Check:	33,634.10

TRUST TOTALS:

Total of 9 Checks:	33,634.10
Less 0 Void Checks:	0.00
Total of 9 Disbursements:	33,634.10