

Property Act No. \_\_\_\_\_

File No. \_\_\_\_\_

**BOARD OF WATER COMMISSIONERS OF THE CITY OF DETROIT**

**EASEMENT ENCROACHMENT PERMIT:**

WHEREAS, application is hereby made for an Easement Encroachment Permit ("PERMIT") to the Board of Water Commissioners of the City of Detroit, a municipal corporation, acting through the Detroit Water and Sewerage Department ("CITY"), whose address is 735 Randolph Street, Detroit, Michigan 48226, and its agent Great Lakes Water Authority ("GLWA"), a Michigan municipal authority and public body corporate created pursuant to Act 233 of 1955, by

Waterfront Terminal Holdings, LLC

whose address is 5431 W. Jefferson Ave, Detroit, MI, 48209

hereafter called APPLICANT, to use an easement under the jurisdiction of the CITY described and located at:

5431 W. Jefferson Ave, Detroit, MI, 48209 Parcel ID: 16000004

for the purpose of

Work is in two easements; 1- GLWA Storm Sewer Outfall B-36 easement L 57874, P. 877 work consists of directional boring one 4" HDPE water service line perpendicular above (see provided profiles) the existing 3 barrels in the easement. All pits/connections for boring operations will be outside of easement. All clearances will be maintained per the profiles provided and all existing surface conditions within the easement will not be altered. 2- GLWA Storm Sewer Outfall B-38 easement L 57874, P. 863 work consists of sawcut, removal of existing asphalt surface and excavation of one boring pit located on the north/east side of the four barrels of outfall. One 1.5" HDPE SDR 11 Force Main pipe will be bored into this pit from the southeast, then turn direction and cross perpendicular above (see provided profiles) the existing 4 barrels in the easement. Finally this 1.5" FM line will tie into EX. SAN MH #13 as indicated on provided plans and profiles. All clearances will be maintained per the profiles provided and all existing surface conditions within the easement will be restored to their original condition.

NOW, THEREFORE, upon payment by APPLICANT of a Preparation Fee of \$ **\$70.00**, the CITY grants permission to APPLICANT and its successors and assigns, to use the above described easement in accordance with the approved plans and specifications attached hereto and made a part hereof. All work shall be done in accordance with the CITY's or GLWA's approved standards.

**LIABILITY**

APPLICANT shall hold harmless the CITY and GLWA, their officers, employees, agents, and successors and assigns from any and all liability, claims, suits, actions, or causes of action for damages and injuries or otherwise and shall assume the defense and bear all costs and expense for actions which may be brought against the CITY and GLWA and their officers, employees, agents, successors and assigns by reason of the permission herein granted; provided, however, that nothing contained herein may be construed as rendering APPLICANT liable for acts of negligence by the CITY or GLWA or their officers, employees or agents. APPLICANT shall furnish proof of insurance coverage as indicated below and for the period that the construction work herein permitted is carried out or required.

**INSURANCE REQUIREMENTS (as satisfied in the attached Certificate of Liability Insurance)**

- Contractor's Public Liability and Property Damage Insurance
- Owner's Protective Insurance
- Public Liability (bodily and personal injury) \$ 2,000,000.00 each occurrence; Property Damage and Contractual liability \$ 2,000,000.00 each occurrence; \$ 2,000,000.00 aggregate; automobile liability Insurance and worker's compensation insurance; and additional hazard coverage as the CITY/GLWA may require.
- For all policies: the CITY and GLWA shall be named as "additional insureds"; reflected as certificate holders; and given thirty (30) days' prior written notice if policies are modified or terminated.

**ADDITIONAL CONDITIONS**

Additional conditions of this Permit are listed on the reverse and are numbered "Additional Conditions" 1 through 11.

In making application for the foregoing Permit, APPLICANT acknowledges and agrees to abide with the terms and conditions of this Permit.

STATE OF MICHIGAN)

By: [Signature]

) SS. COUNTY OF Oakland

TITLE: VICE PRESIDENT

Subscribed and sworn to before me this 10<sup>th</sup> day of December, 2025.

Commission expires 08/04/2029 DATE Katherine Mary White NOTARY PUBLIC Oakland COUNTY

Insurance Coverage Acceptable	Preparation Fee Paid	Permit Recommended	P/L	Date
			R/W	Date
Date	Date	Gen. Supt.		Date

THIS PERMIT is issued this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

WITNESSES \_\_\_\_\_

Oakland  
 Katherine Mary White  
 NOTARY PUBLIC - STATE OF MICHIGAN  
 County of Oakland  
 My Commission Expires 08/04/2029  
 Acting in the County of Oakland

\_\_\_\_\_  
CITY OF DETROIT  
BOARD OF WATER COMMISSIONERS

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_

**EASEMENT ENCROACHMENT PERMIT**  
(Continued)

ADDITIONAL CONDITIONS: (Those marked **X** apply to this permit)

- 1a. A specific condition and limitation of this permit is that if BOARD deems it necessary at any time to construct, reconstruct, maintain, repair, or operate its facilities or perform any other BOARD function that may necessitate, either permanently or temporarily, the raising or lowering, moving or changing, or removing and replacing the construction or installation herein permitted within the easement, APPLICANT, its successors and assigns, shall perform such labor with reasonable dispatch, at its own expense, upon notice from BOARD (it being intended hereby that the right of BOARD to the use and occupancy of the easement shall be paramount in all respects to APPLICANT, its successors or assigns). If the APPLICANT cannot perform such labor with reasonable dispatch, then BOARD shall have the right to perform such labor, all at the cost and expense of APPLICANT.
- 1b. Approval of this permit, BOARD does not waive any of its rights to its facilities located in the easement, and at all time, BOARD, its agents or employees, shall have the right to enter upon the easement to maintain, repair, alter, service, inspect, or install its facilities. All costs incident to the damaging, dismantling, demolishing, removal and replacement of structures or other improvements herein permitted and incurred in gaining access to the Board's facilities for maintenance, repairing, alteration, servicing or inspection by BOARD shall be borne by APPLICANT. All costs associated with gaining access to the BOARD's facilities which could normally be expected had APPLICANT not encroached into the easement shall be borne by BOARD.
- 2. **All construction performed under this permit shall not be commenced until after (10) days written notice to the City. Seventy-two (72) hours' notice shall also be provided in accordance with P.A. 53 1974, as amended, utilizing the MISS DIG one-call system.**
- 3. Construction under this permit is subject to inspection and approval by BOARD forces. The cost of such inspection shall, at the discretion of the BOARD, be borne by APPLICANT.
- 4. This permit applies only to the easement interest of BOARD and APPLICANT is hereby put on notice that other grants and/or permits may be required.
- 5. If the BOARD facilities located within the easement shall break or be damaged as the result of any action on the part of APPLICANT, then in such event APPLICANT agrees to be liable for all costs incident to the repair, replacement or relocation of such broken or damaged BOARD facilities.
- 6. APPLICANT shall hold BOARD harmless for any damage to the encroaching device constructed or installed under this permit which may be caused by the failure of BOARD's facilities.
- 7. If at any time in the future APPLICANT shall request removal and/or relocation of the BOARD's facilities in the easement being encroached upon, APPLICANT agrees to pay all costs for such removal and/or relocation.
- 8. The surface of the easement shall be restored to the same condition that existed prior to the Construction or installation herein permitted insofar as is practical.
- 9. **Prior to the start of construction the contractor shall notify GLWA Field Services, at (313) 267-8958, at least three (3) working days to arrange for an inspector to be present.**
- 10. A minimum vertical clearance of 18-inches shall be maintained between DWSD's facilities and any proposed utility. A minimum horizontal clearance of 10 feet shall be maintained between DWSD's facilities and any proposed utility.

- ⊗ 11. The City, through its Detroit Water and Sewerage Department shall be permitted to assign this Contract to any successor in interest without the prior consent of the APPLICANT. As soon as practicable thereafter, the City shall provide written notice to APPLICANT of the assignment.

**72 HOURS BEFORE YOU DIG CALL MISS-DIG (1-800) 482-7171)**



**URAP**  
**Utility Review and Permits**  
**A Field Services Department**  
GLWA GEEP 2509

December 9<sup>th</sup>, 2025

Waterfront Terminal Holdings, LLC  
5431 W Jefferson Ave  
Detroit, MI 48209

Attention: Ms. Shayann Thomas

Regarding: Easement Encroachment Permit – Waterfront Terminal Holdings to install a force main and a water service pipe  
5431 W Jefferson Ave  
City of Detroit - MI

We received an electronic submittal from APPLICANT Ms. Shayann Thomas on December 3rd 2025, to request an encroachment permit to install a 1.5" HDPE force main over existing outfall sewer B-38 within an easement for outfall sewer B-38. The applicant also requests encroachment to install a 4" HDPE water service pipe over existing GLWA sewer outfall B-36, within an easement for outfall B-36. A review of the proposed plans with our department records indicates that an easement encroachment permit is required.

- ✓ One (1) 4" HDPE water service line perpendicular above (see provided profiles) the existing 3 barrels in the easement
- ✓ One 1.5" HDPE SDR 11 Force Main pipe to cross perpendicular above (see provided profiles) the existing 4 barrels in the easement

**LIABILITY:**

APPLICANT shall hold harmless the City of Detroit (CITY), DWSD and GLWA, their officers, employees, agents, and successors and assigns from any and all liability, claims, suits, actions, or causes of action for damages and injuries or otherwise and shall assume the defense and bear all costs and expense for actions which may be brought against the CITY, DWSD and GLWA and their officers, employees, agents, successors and assigns by reason of the permission herein granted; provided, however, that nothing contained herein may be construed as rendering APPLICANT liable for acts of negligence by the CITY, DWSD or GLWA or their officers, employees or agents. APPLICANT shall furnish proof of insurance coverage as indicated below and for the period that the construction work herein permitted is carried out or required.

Page 2 of 4

Easement Encroachment Permit (EEP) must be obtained before construction:
1. Five [5] copies of the EEP application with applicant's signature made to the Board of Water Commissioners.
2. A permit fee of \$70.00 payable to the City of Detroit.
3. An insurance certificate for \$2,000,000.00 liability insurance
4. One paper copy of GLWA approval letter. (GLWA GEEP 2202)
Mail above (4) originals documents (hard copies) to: Mr. Syed Ali, PE Permits Manager (DWSD), 735 Randolph Street, Room 104 Detroit, MI 48226
Email (copy): <a href="mailto:Permits@glwater.org">Permits@glwater.org</a>

**GLWA has no objections to the proposed project subject to the following conditions:**

Please note that Great Lakes Water Authority (GLWA) prohibits the use of heavy construction equipment (bulldozers, backhoes, extremely large rollers, etc.) and/or storage of building material or trailers directly over or near our facilities. GLWA also prohibits the use of cranes and balls or hydraulic rams for pavement removal, where the GLWA facilities are involved. If the water main or sewer facilities are broken or damaged because of any action on the part of the contractor, then the contractor shall be liable for all costs incidental to the repair of such broken or damaged water mains/sewer facilities and appurtenances. The contractor shall waive all claims for damages under such circumstances.

**ADDITIONAL CONDITIONS:**

- 1a. A specific condition and limitation of this permit is that if City of Detroit Board of Water Commissioners (BOARD) deems it necessary at any time to construct, reconstruct, maintain, repair, or operate its facilities or perform any other BOARD function that may necessitate, either permanently or temporarily, the raising or lowering, moving or changing, or removing and replacing the construction or installation herein permitted within the easement, APPLICANT, its successors and assigns, shall perform such labor with reasonable dispatch, at its own expense, upon notice from BOARD (it being intended hereby that the right of BOARD to the use and occupancy of the easement shall be paramount in all respects to APPLICANT, its successors or assigns). If the APPLICANT cannot perform such labor with reasonable dispatch, then BOARD shall have the right to perform such labor, all at the cost and expense of the APPLICANT

- 1b. Approval of this permit, BOARD does not waive any of its rights to its facilities located in the easement, and at all time, BOARD, its agents or employees, shall have the right to enter upon the easement to maintain, repair, alter, service, inspect, or install its facilities. All costs incident to the damaging, demolishing, removal and replacement of structures or other improvements herein permitted and incurred in gaining access to the Board's facilities for maintenance, repairing, alteration, or inspection by BOARD shall be borne by APPLICANT. All costs associated with gaining access to the BOARD's facilities which could normally be expected had APPLICANT not encroached into the easement shall be borne by BOARD.
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6. APPLICANT shall hold BOARD harmless for any damage to the encroaching device constructed or installed under this permit which may be caused by the failure of BOARD's facilities.
7. If at any time in the future APPLICANT shall request removal and/or relocation of the BOARD's facilities in the easement being encroached upon, APPLICANT agrees to pay all costs for such removal and/or relocation.
8. The surface of the easement shall be restored to the same condition that existed prior to the construction or installation herein permitted insofar as is practical.



**URAP**  
**Utility Review and Permits**  
**A Field Services Department**

9. **Prior to the start of construction, the contractor shall notify GLWA Field Services, at (313) 267-8958, at least three (3) working days to arrange for an inspector to be present.**
10. A minimum vertical clearance of 18-inches shall be maintained between DWSD's facilities and any proposed utility. A minimum horizontal clearance of 10 feet shall be maintained between DWSD's facilities and any proposed utility.
11. The City, through its Detroit Water and Sewerage Department shall be permitted to assign this Contract to any successor in interest without the prior consent of the APPLICANT. As soon as practicable thereafter, the City shall provide written notice to APPLICANT of the assignment

**Construction shall not commence without inspections, please arrange for the inspections as follows:**

- ✓ 10 Day Written Notice with GLWA Job Number - GLWA GEEP 2509 at [Permits@glwater.org](mailto:Permits@glwater.org)
- ✓ 3 Day Phone Call Notice at URAP Inspection Line [\(313\) 267-8958](tel:(313)267-8958)

For locations regarding water and sewer facilities owned and operated by communities other than Great Lakes Water Authority (GLWA), contact the local community/authority or private concern involved for updated information: **Detroit Water & Sewerage Department (DWSD)**

Our records indicate that you, Shayann Thomas, can be reached at 734-417-4482. If this has changed, please update by email. One set of as-built prints, with dimensions from property lines and other permanent field identifiable objects locating water main, manholes, etc. shall be sent to: GLWA Field Services -URAP, North Administration Building – CSF, 6425 Huber Street, 4th Floor, Detroit, MI 48211-1677

If you have questions regarding the above, please call (313) 229-6373 or email: [hadeel.rass@glwater.org](mailto:hadeel.rass@glwater.org) .

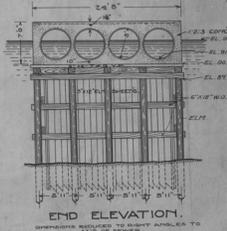
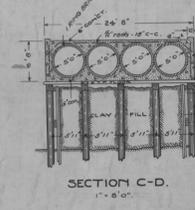
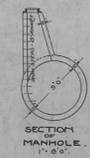
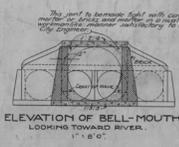
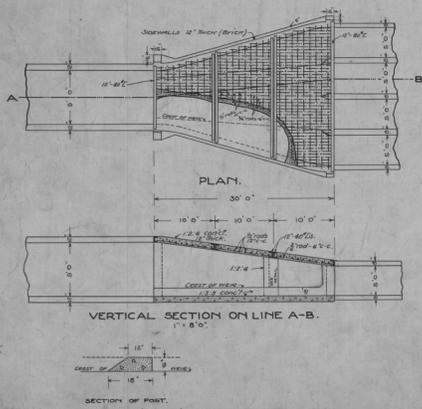
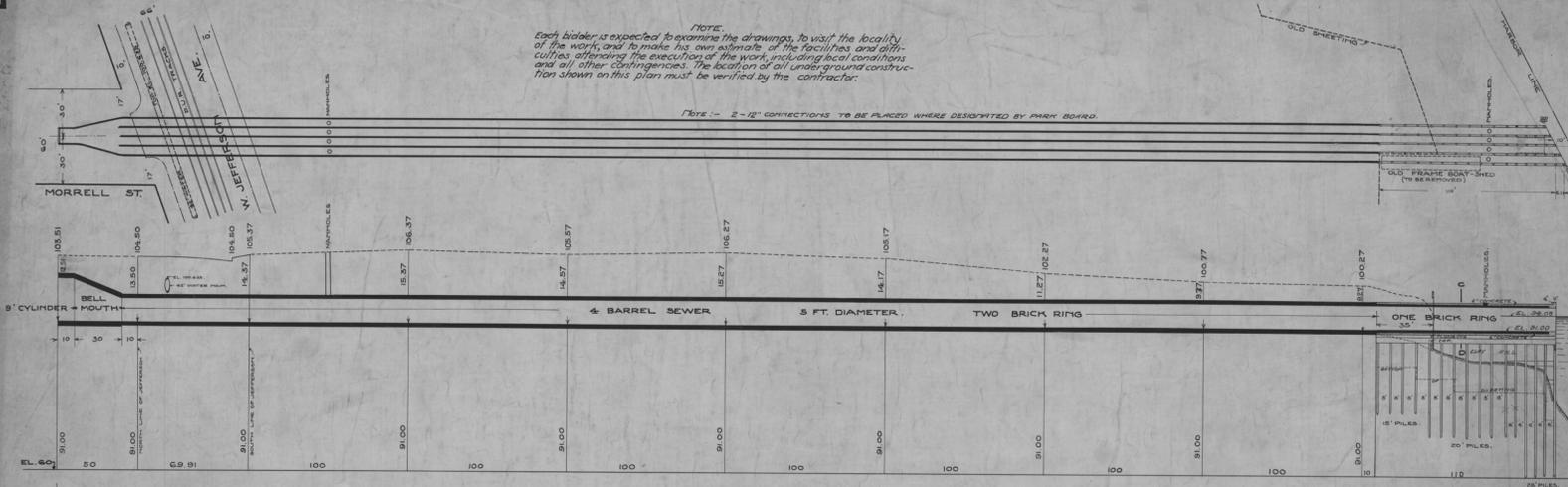
Sincerely,

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Engineer, GLWA – URAP

NOTE:  
 Each bidder is expected to examine the drawings, to visit the locality of the work, and to make his own estimate of the facilities and difficulties attending the execution of the work, including local conditions and all other contingencies. The location of all underground construction shown on this plan must be verified by the contractor.

NOTE: - 2-12" CONNECTIONS TO BE PLACED WHERE DESIGNATED BY PARK BOARD.

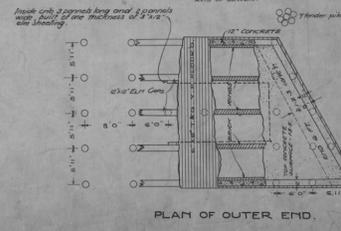


# MORRELL ST. SEWER.

## SECTION 1.

IN LINE OF MORRELL ST. NORTH OF WEST JEFFERSON AVENUE  
 EXTENDED SOUTHERLY TO A POINT 10 FT. NORTHERLY OF THE  
 HARBOR LINE.

CITY ENGINEER'S OFFICE.  
 HORIZONTAL SCALE 1" = 30'.  
 VERTICAL SCALE 1" = 10'.  
 AUG. 6, 1912.







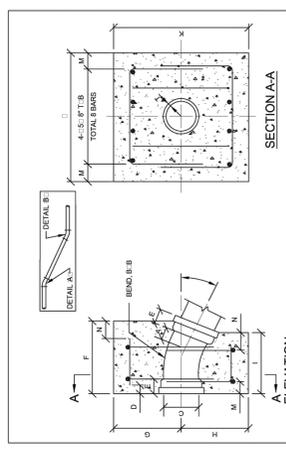


9	GLWA SUBMITTAL	08.17.2025
8	DWSD REVIEW	10.29.2025
8	DWSD REVIEW	09.17.2025
7	DWSD REVIEW	08.06.2025
6	DWSD REVIEW	07.11.2025
5	CLIENT REVIEW	07.07.2025
4	CLIENT REVIEW	06.30.2025
3	CLIENT REVIEW	06.20.2025
2	CLIENT REVIEW	06.09.2025
1	CLIENT REVIEW	06.06.2025
NO.	SUBMITTAL	DATE

**WATERFRONT TERMINAL FACILITY**  
 5431 WEST JEFFERSON AVENUE,  
 DETROIT, MI, 48209

**UTILITY PLAN**

**C5.0**  
 23001



SCHEDULE OF THRUST BLOCK DIMENSIONS

THRUST BLOCK TYPE	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
2	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
3	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
4	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
5	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
6	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
7	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
8	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
9	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
10	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
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14	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
15	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
16	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
17	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
18	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00

**DETAIL 'A'**  
 1. THE THRUST BLOCK SHALL BE POWERED AGAINST UNDISTURBED EARTH.  
 2. THE THRUST BLOCK SHALL BE REINFORCED WITH STEPPERS THAT ARE SUITABLE FOR THE  
 3. THE THRUST BLOCK SHALL BE REINFORCED WITH STEPPERS THAT ARE SUITABLE FOR THE  
 4. THE THRUST BLOCK SHALL BE REINFORCED WITH STEPPERS THAT ARE SUITABLE FOR THE



**NOTES:**  
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NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04



**NOTES:**  
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3	ISSUED	05/22/2025
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2	ISSUED	05/22/2025
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4	ISSUED	05/22/2025

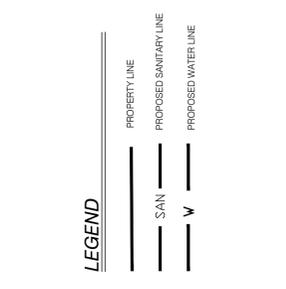
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4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
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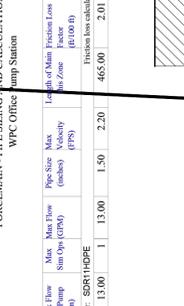
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3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04



June 4, 2025

Zone	Length of Main (ft)	Minimum Pump Head (ft)	Maximum Pump Head (ft)	Friction Loss (ft/100 ft)	Friction Loss (ft)	Total Head (ft)
1	1.00	1.00	1.00	1.00	1.00	1.00
2	1.00	1.00	1.00	1.00	1.00	1.00
3	1.00	1.00	1.00	1.00	1.00	1.00
4	1.00	1.00	1.00	1.00	1.00	1.00
5	1.00	1.00	1.00	1.00	1.00	1.00
6	1.00	1.00	1.00	1.00	1.00	1.00
7	1.00	1.00	1.00	1.00	1.00	1.00
8	1.00	1.00	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00	1.00	1.00
10	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00
12	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00
14	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00
16	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00
18	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00
20	1.00	1.00	1.00	1.00	1.00	1.00



**NOTE: CONTRACTOR TO CONFIRM WITH GEO-TECH PRIOR TO CONSTRUCTION.**  
**CONCRETE PAVEMENT DETAIL**

**UTILITY QUANTITIES**

ELECTRICAL 3" CONDUIT	372 LF
4" D.I. CL 54 WATER SERVICE	45 LF
4" HOPE WATER SERVICE	887 LF
6" SCH 40 PVC 40	12 LF
1.5" FORCE MAIN	496 LF
GRINDER PUMP ASSEMBLY	1

**UTILITY NOTES**  
 1. ALL CONSTRUCTION PROCEDURES AND MATERIALS SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF CITY OF DETROIT A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY CITY OF DETROIT AND HELD PRIOR TO THE START OF CONSTRUCTION.  
 2. CONTRACTOR SHALL VERIFY LOCATION & DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS BEFORE CONSTRUCTION.  
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 10. CONTRACTOR SHALL VERIFY LOCATION & DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS BEFORE CONSTRUCTION.

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

NO.	DESCRIPTION	DATE
1	ISSUED	05/22/2025
2	ISSUED	05/22/2025
3	ISSUED	05/22/2025
4	ISSUED	05/22/2025

**CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT**  
 DIVISION:   
 SHEET:   
 DATE:   
 DRAWING NO. 23143-04

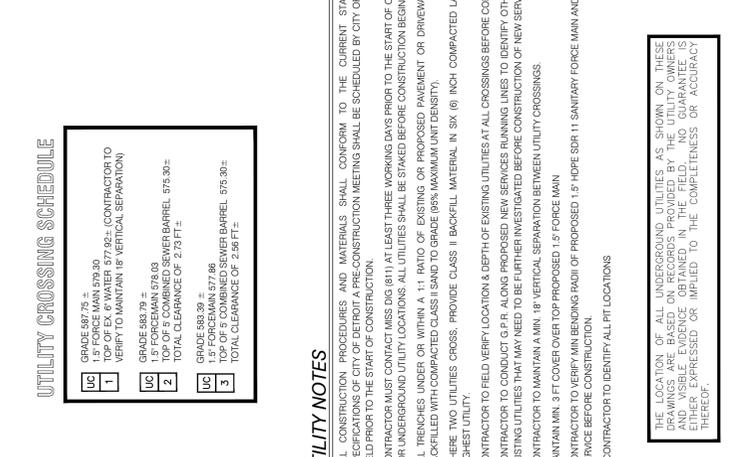
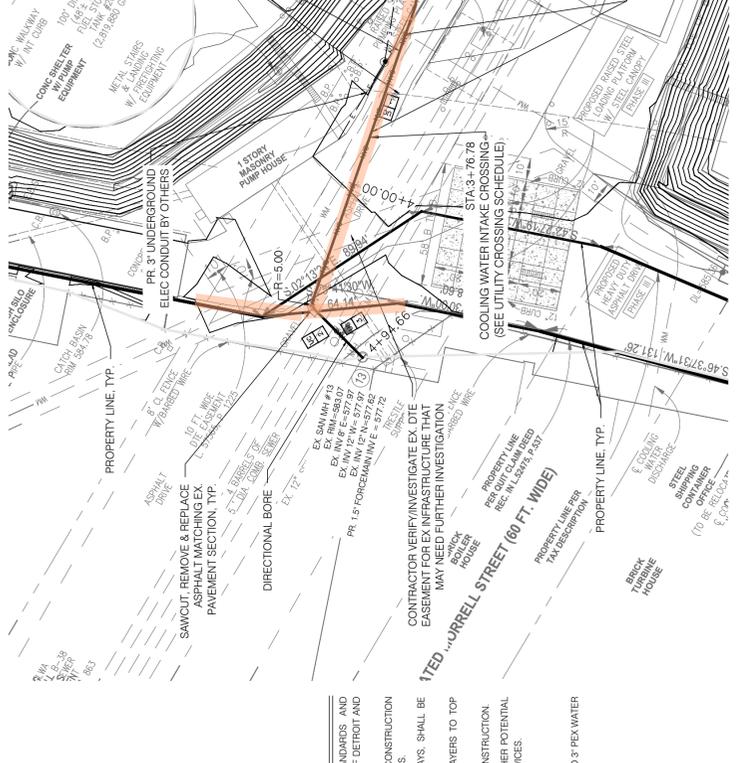
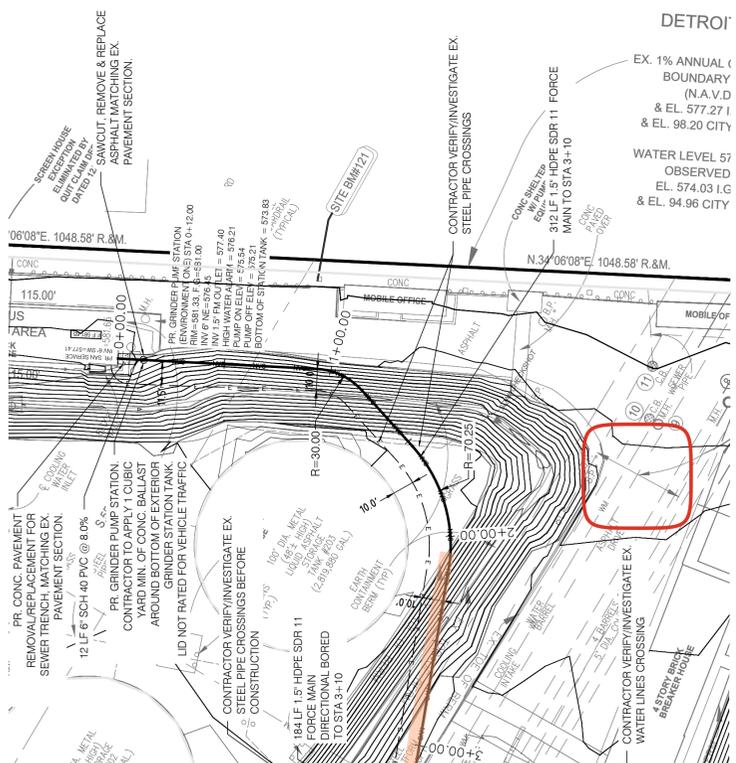
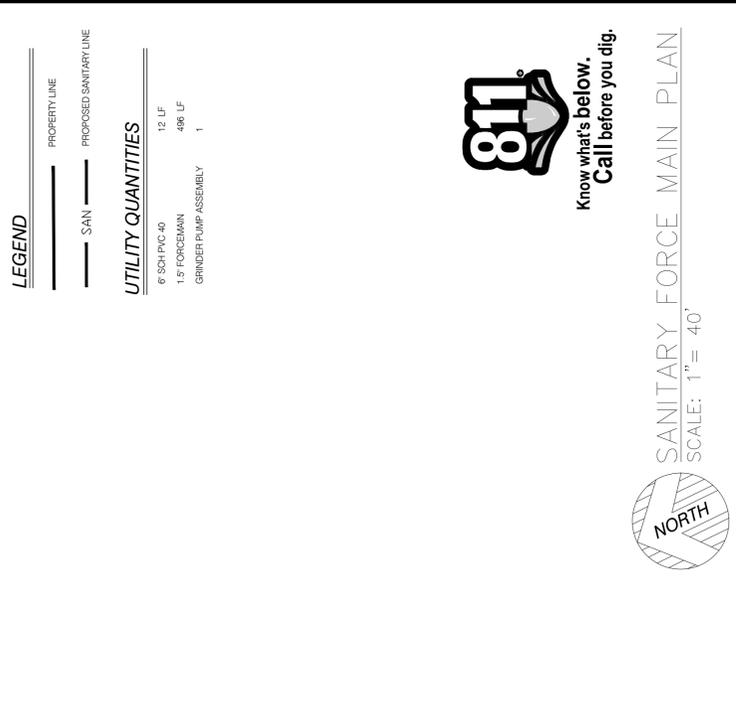
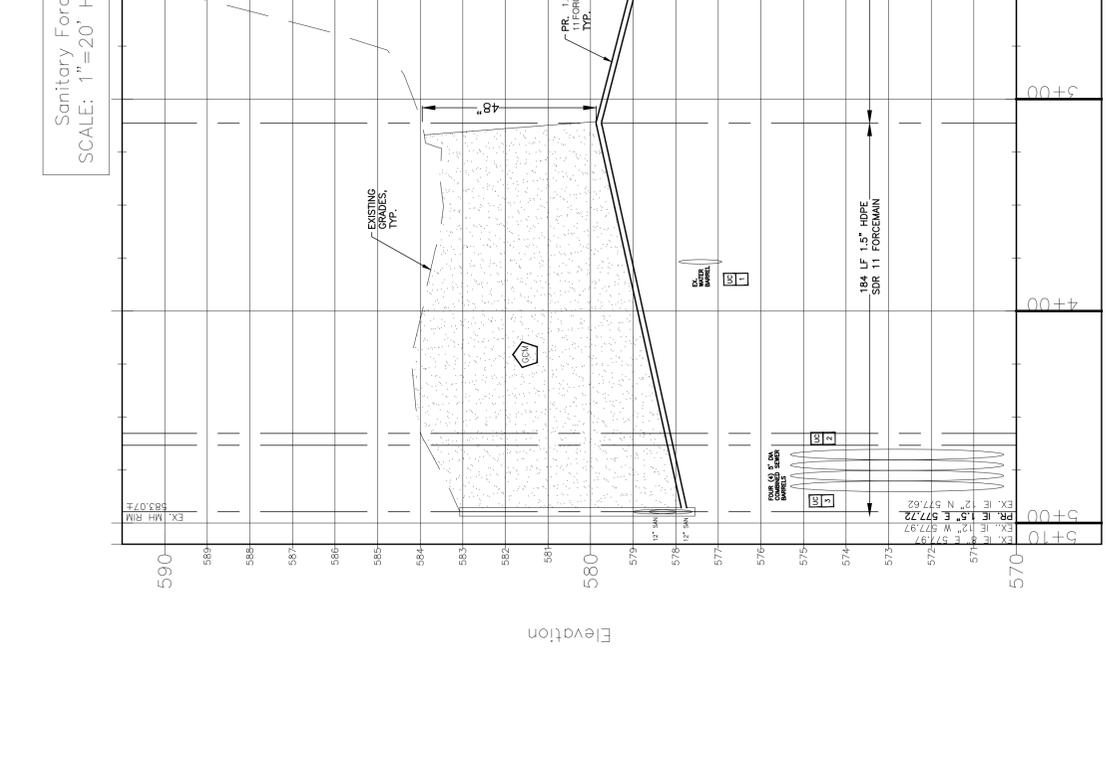
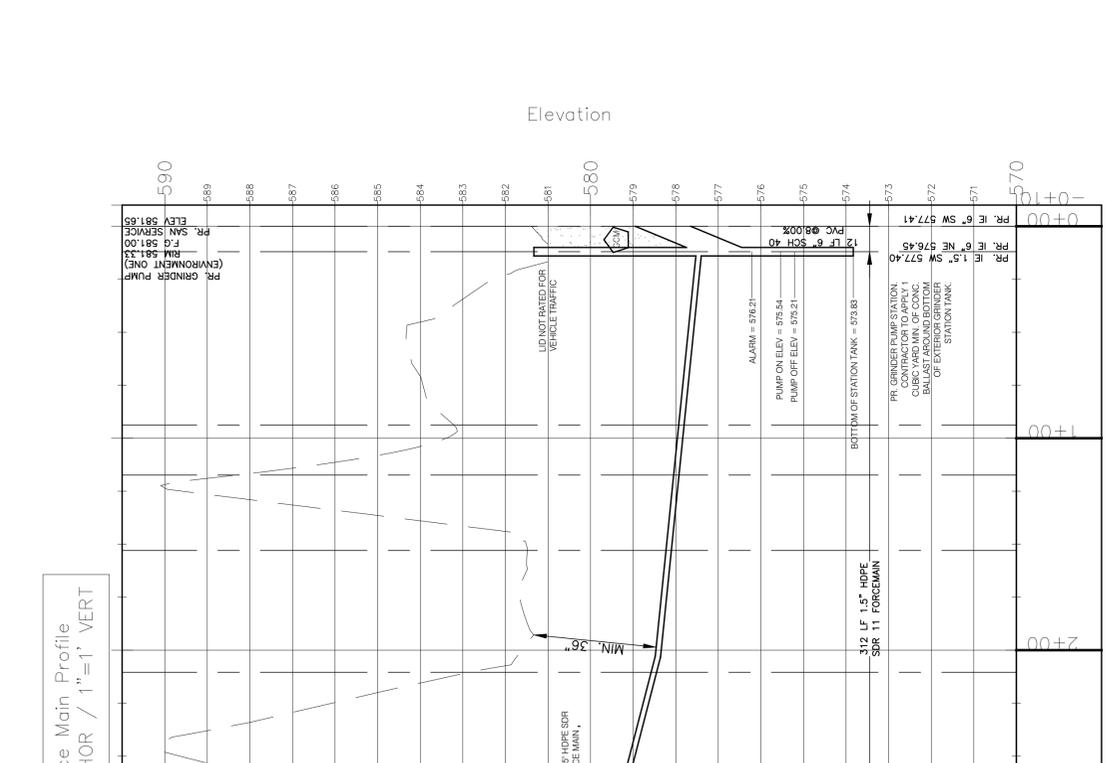


NO.	SUBMITTAL	DATE
9	GLWA SUBMITTAL	08.17.2025
8	DWSD REVIEW	08.17.2025
7	DWSD REVIEW	08.06.2025
6	DWSD REVIEW	07.11.2025
5	CLIENT REVIEW	07.07.2025
4	CLIENT REVIEW	06.30.2025
3	CLIENT REVIEW	06.20.2025
2	CLIENT REVIEW	06.09.2025
1	CLIENT REVIEW	06.06.2025

**WATERFRONT TERMINAL FACILITY**  
 5431 WEST JEFFERSON AVENUE,  
 DETROIT, MI, 48209

**SANITARY FORCE MAIN PLAN AND PROFILE**

**C5.1**  
 23001



**UTILITY CROSSING SCHEDULE**

UC	DESCRIPTION	GRADE	DEPTH	SEPARATION
1	6\"/>			
2	1.5\"/>			
3	1.5\"/>			

- UTILITY NOTES**
- ALL CONSTRUCTION PROCEDURES AND MATERIALS SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF CITY OF DETROIT. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY CITY OF DETROIT AND HELD PRIOR TO THE START OF CONSTRUCTION.
  - CONTRACTOR MUST CONTACT MISS DIG (811) AT LEAST THREE WORKING DAYS PRIOR TO THE START OF CONSTRUCTION FOR UNDERGROUND UTILITY LOCATIONS. ALL UTILITIES SHALL BE STAKED BEFORE CONSTRUCTION BEGINS.
  - ALL TRENCHES UNDER OR WITHIN A 1:1 RATIO OF EXISTING OR PROPOSED PAVEMENT OR DRIVEWAYS SHALL BE BACKFILLED WITH COMPACTED CLASS II SAND TO GRADE (95% MAXIMUM UNIT DENSITY).
  - WHERE TWO UTILITIES CROSS, PROVIDE CLASS II BACKFILL MATERIAL IN SIX (6) INCH COMPACTED LAYERS TO TOP HIGHEST UTILITY.
  - CONTRACTOR TO FIELD VERIFY LOCATION & DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS BEFORE CONSTRUCTION.
  - CONTRACTOR TO CONDUCT G.P.P. ALONG PROPOSED NEW SERVICES RUNNING LINES TO IDENTIFY OTHER POTENTIAL EXISTING UTILITIES THAT MAY NEED TO BE FURTHER INVESTIGATED BEFORE CONSTRUCTION OF NEW SERVICES.
  - CONTRACTOR TO MAINTAIN A MIN. 18\"/>

THE LOCATION OF ALL UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORD DRAWINGS, FIELD SURVEY AND VISIBLE EVIDENCE OBTAINED IN THE FIELD. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED TO THE COMPLETENESS OR ACCURACY THEREOF.

**LEGEND**

PROPERTY LINE  
 PROPOSED SANITARY LINE  
 SAN

**UTILITY QUANTITIES**

6\"/>

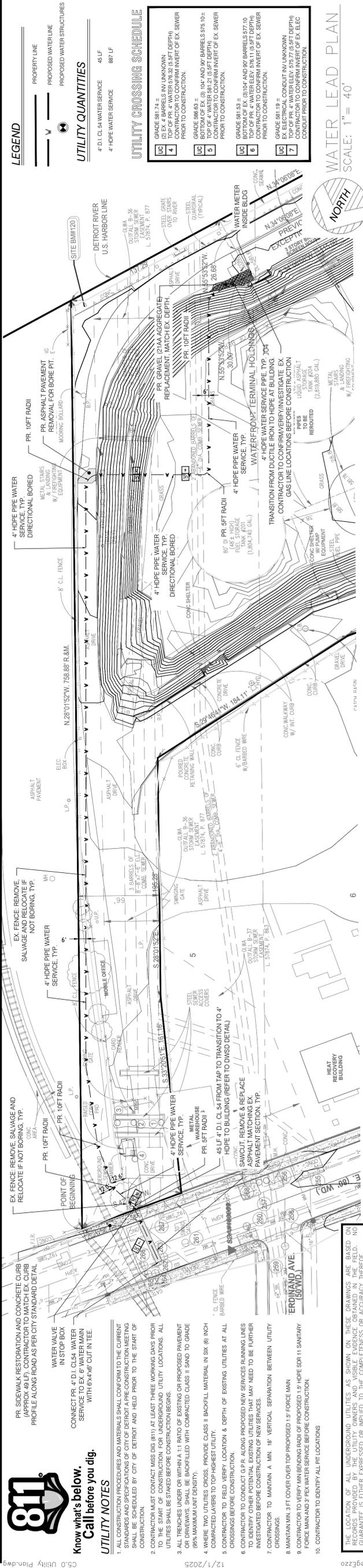
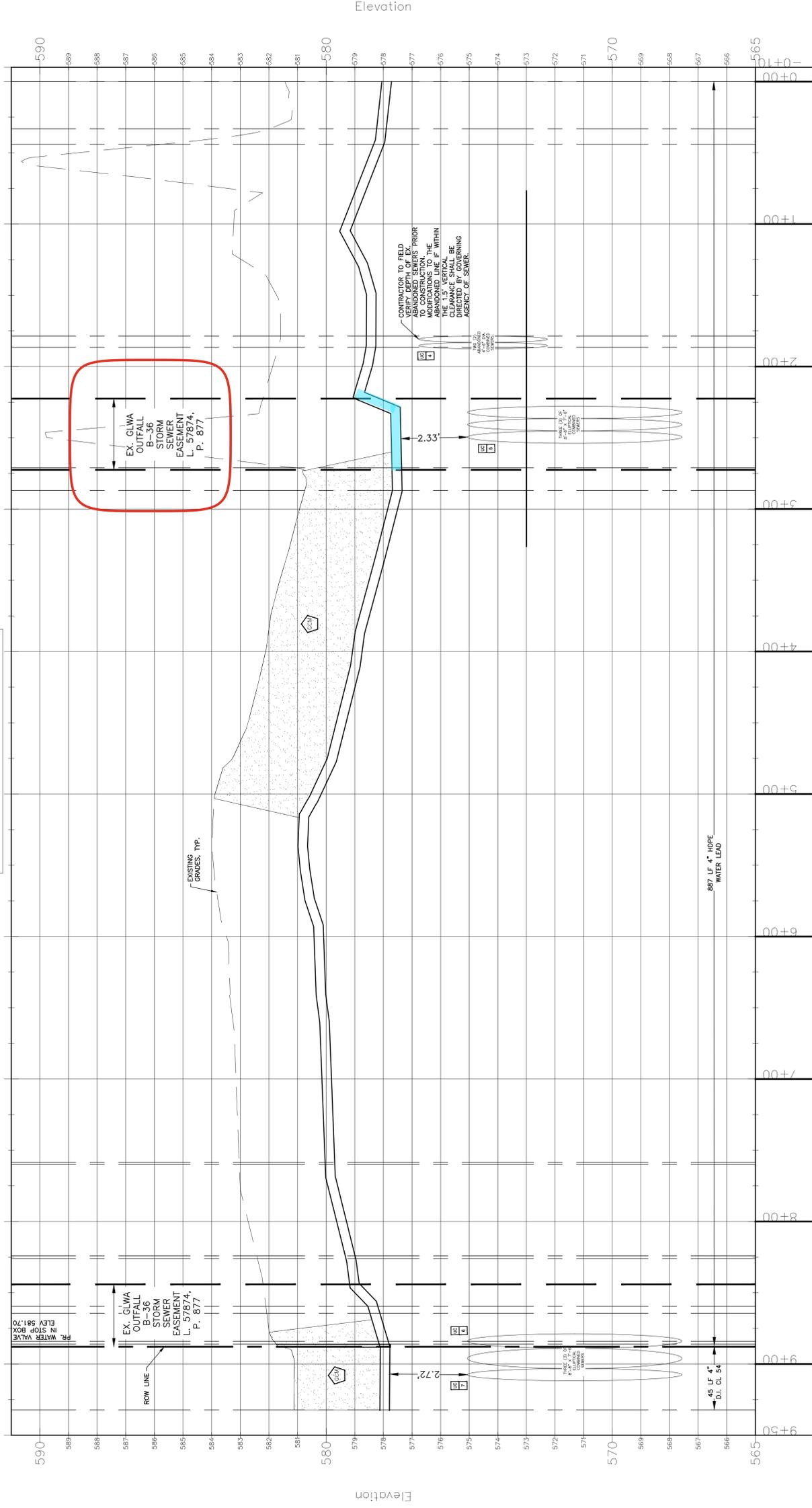


**SANITARY FORCE MAIN PLAN**  
 SCALE: 1" = 40'



DETROIT  
 EX. 1% ANNUAL ( N.A.V.D. & EL. 577.27 I & EL. 98.20 CITY  
 WATER LEVEL 57 OBSERVED EL. 574.03 I.G. & EL. 94.96 CITY

Water Lead Profile  
SCALE: 1"=20' HOR / 1"=1' VERT



Know what's below.  
Call before you dig.

UTILITY NOTES

1. ALL CONSTRUCTION PROCEDURES AND MATERIALS SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF CITY OF DETROIT A PRECONSTRUCTION MEETING SHALL BE SCHEDULED BY CITY OF DETROIT AND HELD PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR MUST CONTACT MISS DIG (811) AT LEAST THREE WORKING DAYS PRIOR TO THE START OF CONSTRUCTION FOR UNDERGROUND UTILITY LOCATIONS. ALL UTILITIES SHALL BE STAKED BEFORE CONSTRUCTION BEGINS.
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4. WHERE TWO UTILITIES CROSS, PROVIDE CLASS II BACKFILL MATERIAL IN SIX (6) INCH COMPACTED LAYERS TO TOP-HIGHEST UTILITY.
5. CONTRACTOR TO FIELD VERIFY LOCATION & DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS BEFORE CONSTRUCTION.
6. CONTRACTOR TO CONDUCT G.P.R. ALONG PROPOSED NEW SERVICES RUNNING LINES TO IDENTIFY OTHER POTENTIAL EXISTING UTILITIES THAT MAY NEED TO BE FURTHER INVESTIGATED BEFORE CONSTRUCTION OF NEW SERVICES.
7. CONTRACTOR TO MAINTAIN A MIN. 18" VERTICAL SEPARATION BETWEEN UTILITY CROSSINGS.
8. MAINTAIN MIN. 3 FT COVER OVER TOP PROPOSED 1.5" FORCE MAIN.
9. CONTRACTOR TO VERIFY MIN BENDING RADIUS OF PROPOSED 1.5" HDPE SDR 11 SANITARY FORCE MAIN AND 3" FLEX WATER SERVICE BEFORE CONSTRUCTION.
10. CONTRACTOR TO IDENTIFY ALL PIT LOCATIONS.

THE LOCATION OF ALL UNDERGROUND UTILITIES, AS SHOWN ON THESE DRAWINGS, ARE BASED ON RECORDS PROVIDED BY THE UTILITY OWNERS AND VISIBLE EVIDENCE OBTAINED IN THE FIELD. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED TO THE COMPLETENESS OR ACCURACY THEREOF.

**S.M. ENGINEERS**  
CIVIL ENGINEER/SURVEY/  
LAND PLANNER/  
LANDSCAPE ARCHITECT

1939 LINCOLNSHIRE DR,  
ROCHESTER HILLS, MI  
T: 248.835.3553

NO.	SUBMITTAL	DATE
9	GLWA SUBMITTAL	08.17.2025
8	DWSD REVIEW	08.17.2025
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1	CLIENT REVIEW	06.06.2025



**WATERFRONT TERMINAL FACILITY**  
5431 WEST JEFFERSON AVENUE,  
DETROIT, MI, 48209

**WATER LEAD PLAN AND PROFILE**

**C5.2**  
23001

WATER LEAD PLAN  
SCALE: 1"= 40'



NORTH

12/1/2025

C5.0 Utility Plans.dwg

9812020

**DH152/DR152**

**General Features**

The model DH152 or DR152 grinder pump station is a complete unit that includes the grinder pump, pump motor, control panel, alarm horn, and alarm siren. The DH152 or DR152 is designed to fit into a standard alarm horn and can be used for up to 12 average single-family homes where codes allow and with consent of the factory.

- Rated for flows of 3000 gpd (11,356 lpd)
- Standard outdoor heights range from 92 inches to 160 inches
- Includes 120V AC power supply
- Includes 120V AC power supply

The DH152 is the "hardwired" or "wired" model where a cable connects the motor controls to the level controls through watertight penetrations. The DR152 is the "radio frequency identification" (RFID), or "wireless" model that uses wireless technology to communicate between the level controls and the motor controls.

**Operational Information**

**Motor**  
1 hp, 1725 rpm, high torque, capacitor start, thermally protected, 240V, 60 Hz, single phase

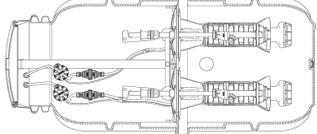
**Inter Connections**  
Inter Connect grommet for PVC pipe. Other inter configurations available from the factory.

**Pump Discharge**  
Pump discharge terminates in 1.25-inch NPT female thread. Can easily be adapted to 1.25-inch PVC pipe or any other material required by local codes.

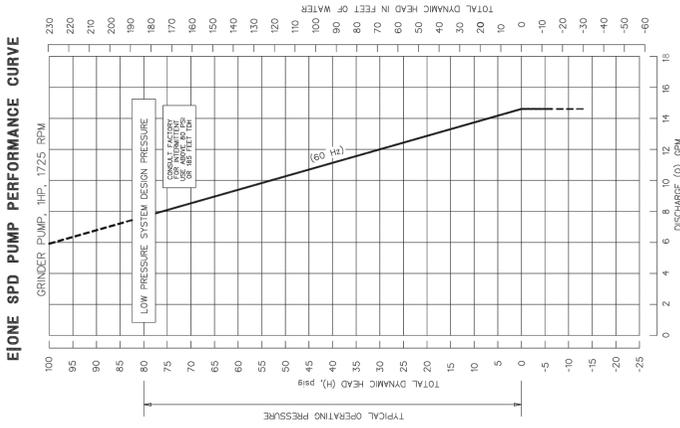
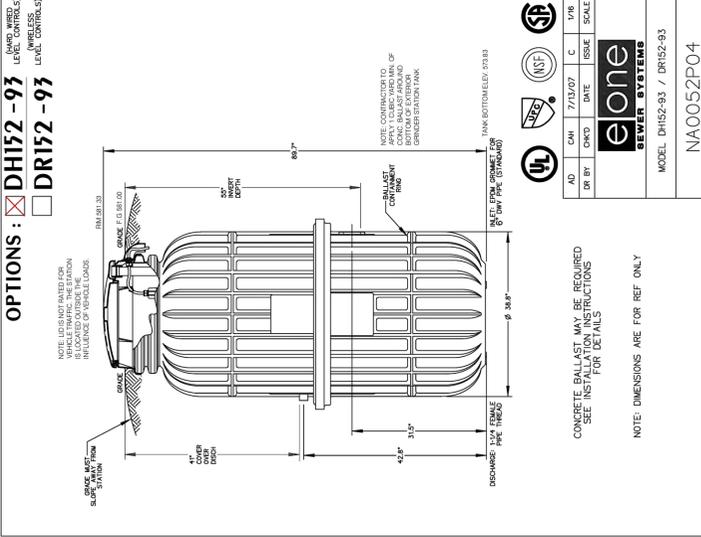
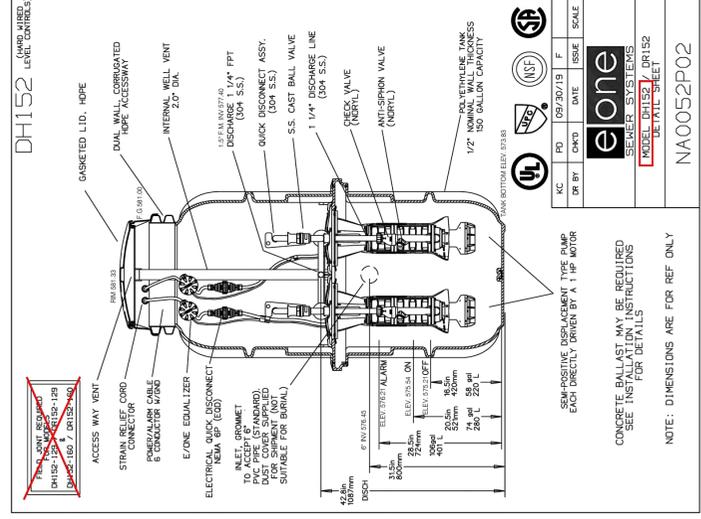
**Discharge**  
19 gpm at 0 gage (0.86 lps at 0 m)  
15 gpm at 40 gage (0.68 lps at 2.78 m)  
7.5 gpm at 80 gage (0.48 lps at 5.48 m)

**Accessories**  
EOne requires that the Uni-Lateral, EOne's own stainless steel check valve, be installed on the discharge line from the pump station and the street main for added protection against backflow.

Alarm panels are available with a variety of options, from basic monitoring to advanced notice of service requirements.



NA005P01 Rev E



**E/One Sentry™ Alarm Panel — Duplex Protect Plus Package**

**Description**  
The E/One Sentry Protect Plus panels are custom designed for use with Environment One Duplex grinder pump stations. They can be configured to provide audible and visual alarm notification to the homeowner in the event of a pump failure. The alarm notification is provided by a siren and flashing lights. The alarm is activated by a microprocessor that monitors the pump's operation and provides an alarm notification to the homeowner in the event of a pump failure.

**E/One Sentry Protect Plus panels are supplied with audible and visual high level alarms. They are easily installed in accordance with relevant national and local codes. The alarm is activated by a microprocessor that monitors the pump's operation and provides an alarm notification to the homeowner in the event of a pump failure. The alarm is activated by a microprocessor that monitors the pump's operation and provides an alarm notification to the homeowner in the event of a pump failure.**

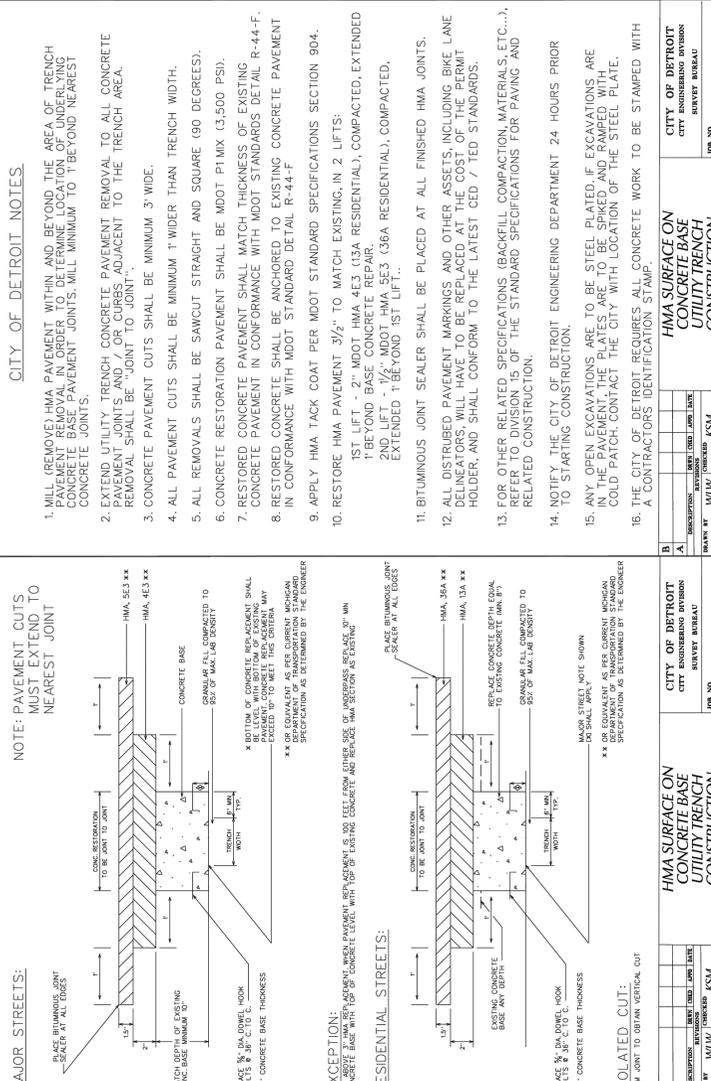
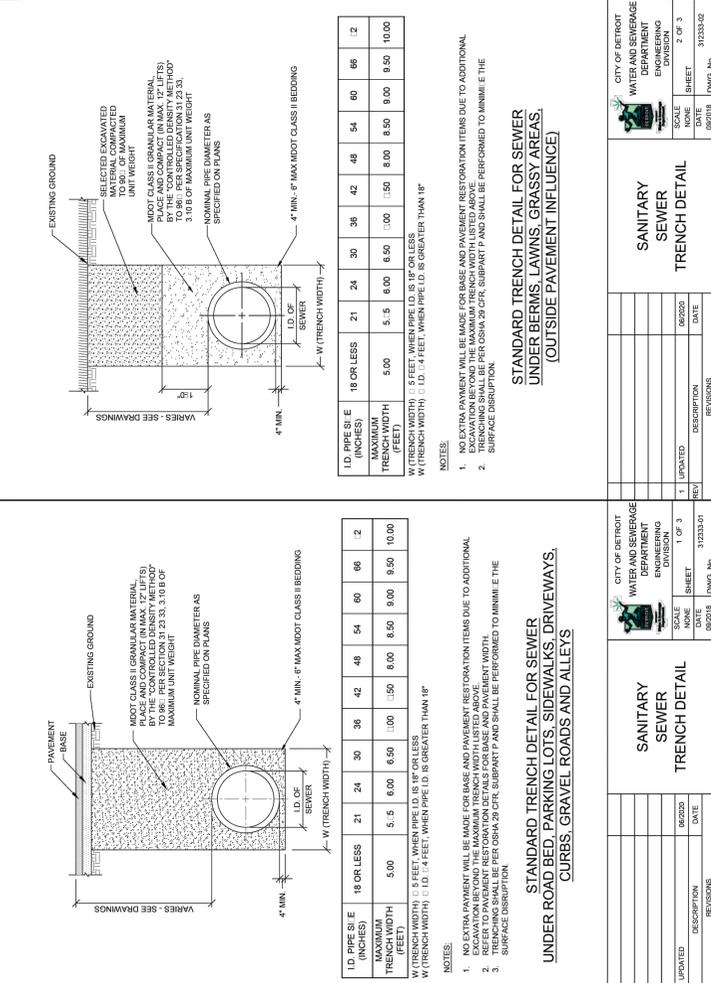
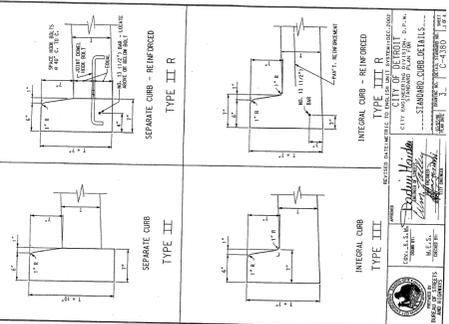
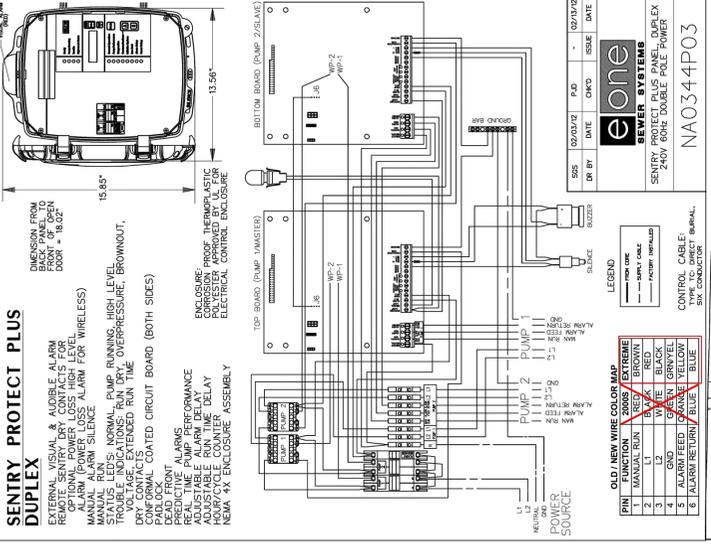
**Features**  
Includes all features of the basic configuration of the E/One Sentry Simplex Alarm Panel, including:  
- High level alarm with manual silence, manual run feature and run indicator, safety front, conformal coated board and overvoltage protection.  
- Includes all features of the E/One Sentry Simplex Protect package, including:  
- Real-time status display  
- Predictive status display module  
- Pre-alarm indication for major operating parameters  
- Alarm indications for major operating parameters  
- Hour meter, cycle counter and alarm delay  
- LCD display and user-friendly interface  
- Line color coding  
- Contact group — dry contacts and Remote Sentry contacts  
- Programmable User settings

**Materials:** Rev. 01/2018  
- ABS/PC POLYMER ALUMINUM PANEL ELECTRICAL HOUSING  
- STAINLESS STEEL CHECK VALVE  
- 1/2" NPT FEMALE 80 GALLON CAPACITY  
- 1/2" NPT FEMALE 80 GALLON CAPACITY  
- 1/2" NPT FEMALE 80 GALLON CAPACITY  
- 1/2" NPT FEMALE 80 GALLON CAPACITY

1939 LINCOLNSHIRE DR,  
ROCHESTER HILLS, MI  
T: 248.835.3553

**E/One Sentry™**

Alarm Panel — Duplex Protect Plus Package



CITY OF DETROIT WATER AND SEWERAGE ENGINEERING DIVISION		CITY OF DETROIT ENGINEERING DIVISION	
DATE: 08/29/18	SCALE: 1/8" = 1'-0"	DATE: 08/29/18	SCALE: 1/8" = 1'-0"
PROJECT: SANITARY SEWER TRENCH DETAIL	PROJECT: SANITARY SEWER TRENCH DETAIL	PROJECT: SANITARY SEWER TRENCH DETAIL	PROJECT: SANITARY SEWER TRENCH DETAIL
DESIGNER: WJW	DESIGNER: WJW	DESIGNER: WJW	DESIGNER: WJW
CHECKED: KSM	CHECKED: KSM	CHECKED: KSM	CHECKED: KSM
APPROVED: [Signature]	APPROVED: [Signature]	APPROVED: [Signature]	APPROVED: [Signature]
NO. 08/29/18	NO. 08/29/18	NO. 08/29/18	NO. 08/29/18
REV. NO. 1 OF 2	REV. NO. 1 OF 2	REV. NO. 2 OF 2	REV. NO. 2 OF 2



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/16/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Arthur J. Gallagher Risk Management Services, LLC 22930 Nine Mile Rd Saint Clair Shores MI 48080	<b>CONTACT NAME:</b> <b>PHONE (A/C. No. Ext):</b> 586-774-5300		<b>FAX (A/C. No):</b> 586-778-2814	
	<b>E-MAIL ADDRESS:</b>  			
<b>INSURED</b> Friedman Construction and Design Company dba: Premier Construction & Design Company 34975 W. 12mile Rd Ste 100 Farmington MI 48331-3275	FRIEREA-03	<b>INSURER(S) AFFORDING COVERAGE</b>		
		<b>INSURER A:</b> Trumbull Insurance Company		<b>NAIC #</b> 27120
		<b>INSURER B:</b> Hartford Accident and Indemnity Company		22357
		<b>INSURER C:</b> Valley Forge Insurance Company		20508
		<b>INSURER D:</b> Continental Insurance Company		35289
		<b>INSURER E:</b> Lexington Insurance Company		19437
		<b>INSURER F:</b>		

**COVERAGES**

CERTIFICATE NUMBER: 330476957

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y		8019344820	6/5/2025	6/5/2026	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 15,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			81UENBG0N37	6/5/2025	6/5/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
D	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			8018491849	6/5/2025	6/5/2026	EACH OCCURRENCE	\$ 10,000,000
							AGGREGATE	\$ 10,000,000
								\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	81WEBJ4TFX	8/27/2025	8/27/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
E	Professional Liability			015136162	6/5/2025	6/5/2026	Limit \$2,000,000	Retention \$15,000
A	Pollution			CH25ECPZ0LRCYIC	6/10/2025	6/10/2026	Limit \$1,000,000	Retention \$10,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

Detroit Water and Sewerage Department  
 6425 Huber Street  
 Detroit MI 48211

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/2/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Arthur J. Gallagher Risk Management Services, LLC 22930 Nine Mile Rd Saint Clair Shores MI 48080	<b>CONTACT NAME:</b> <b>PHONE (A/C, No, Ext):</b> 586-774-5300		<b>FAX (A/C, No):</b> 586-778-2814
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b> Friedman Construction & Design Company DBA: Premier Construction Companies, Inc. 34975 W. 12 Mile Rd. Ste 100 Farmington MI 48331-3275	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A:</b> Trumbull Insurance Company		27120
	<b>INSURER B:</b> Hartford Accident and Indemnity Company		22357
	<b>INSURER C:</b> Valley Forge Insurance Company		20508
	<b>INSURER D:</b> Continental Insurance Company		35289
	<b>INSURER E:</b> Lexington Insurance Company		19437
<b>INSURER F:</b>			

**COVERAGES**

CERTIFICATE NUMBER: 2045583534

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y		8019344820	6/5/2025	6/5/2026	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 15,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			81UENBG0N37	6/5/2025	6/5/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
D	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			8018491849	6/5/2025	6/5/2026	EACH OCCURRENCE	\$ 10,000,000
							AGGREGATE	\$ 10,000,000
								\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	81WEBJ4TFX	8/27/2025	8/27/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
E A	Professional Liability Pollution			015136162 CH25ECPZ0LRCYIC	6/5/2025 6/10/2025	6/5/2026 6/10/2026	Limit \$2,000,000 Limit \$1,000,000	Retention \$15,000 Retention \$10,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

Great Lakes Water Authority  
 6425 Huber Street  
 Detroit MI 48211-1677

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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