



## Central Services Facility

313-267-8000 • [detroitmi.gov/DWSD](https://detroitmi.gov/DWSD)

## Date:

### Petition Map:

- ☐ Outright Vacation
- ☐ Conversion to Easement

- ☐ Dedication
- ☐ Encroachment

☐ Berm Use

☐ Temporary Closing

The above petition has been received and reviewed by this office. Please see below for the review status as marked.

☐ Approved Subject to Attached Provisions

☐ Not Approved

☐ Revise and Resubmit

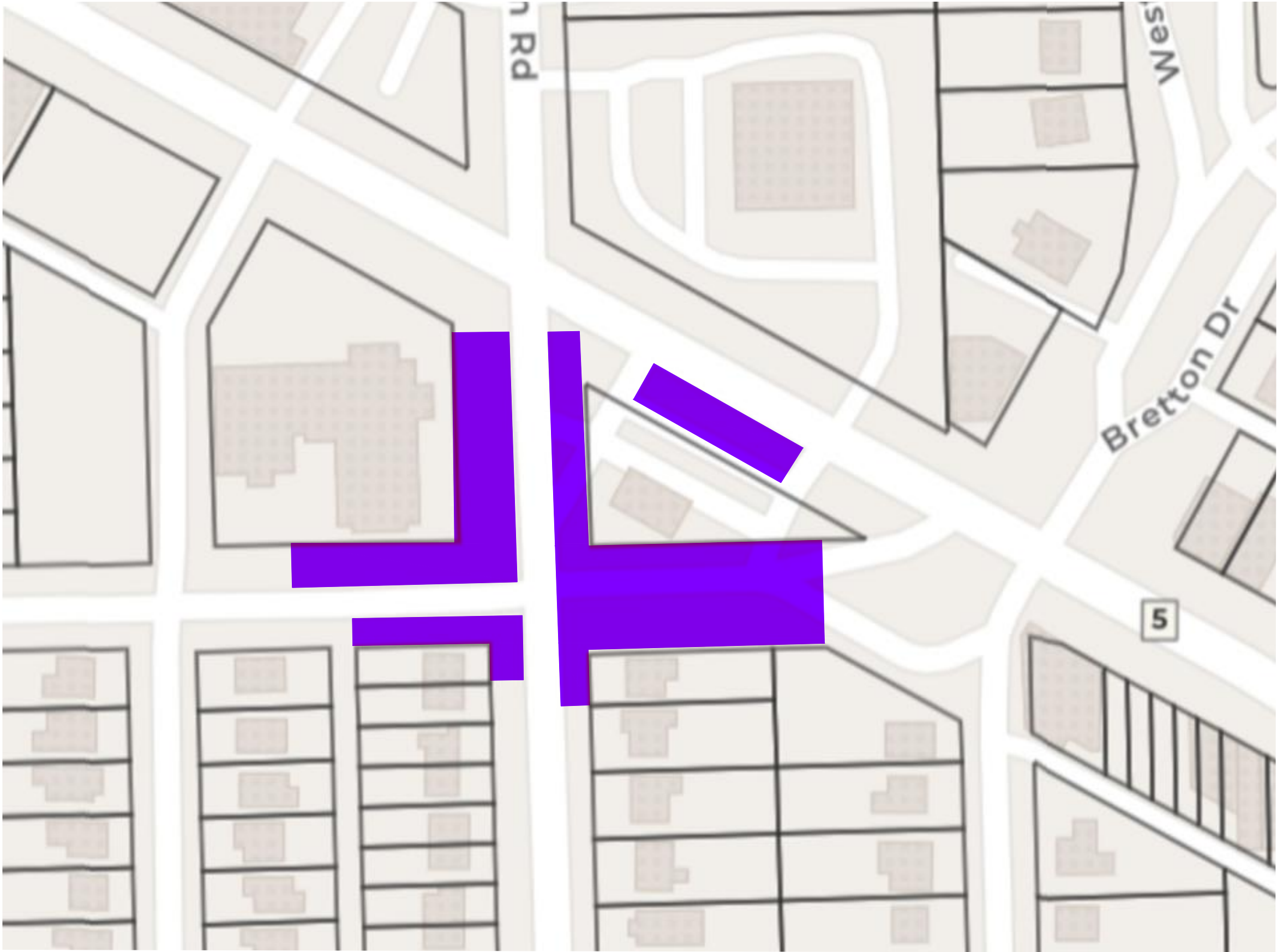
[illegible]

Attached is the DWSD provision related to the petition.

	Name	Title	Signature	Date
Reviewed by:			Mohammad Siddique	
Approved by:			Mohammad Siddique For Syed Ali	

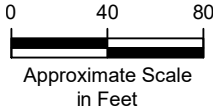
## PROVISIONS FOR ENCROACHMENT

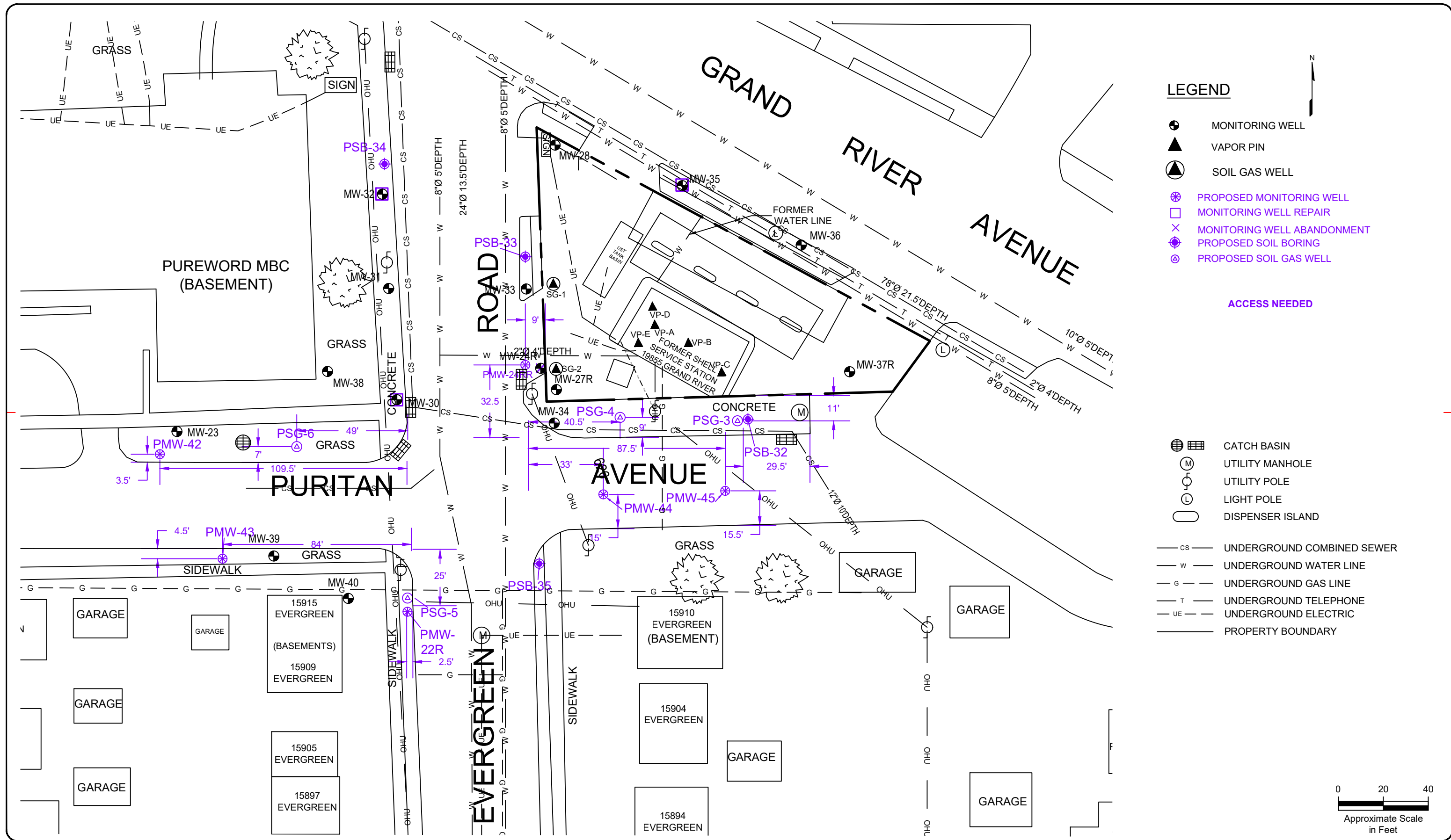
1. By approval of this petition the Detroit Water and Sewerage Department (DWSD) does not waive any of its rights to its facilities located in the right of way, and at all time, DWSD, its agents or employees, shall have the right to enter upon the right of way to maintain, repair, alter, service, inspect, 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 DWSD's facilities for maintenance, repairing, alteration, servicing, or inspection by DWSD shall be borne by the petitioner. All costs associated with gaining access to DWSD's facilities, which could normally be expected had the petitioner not encroached into the right of way shall be borne by DWSD.
2. All construction performed under this petition shall not be commenced until after five (5) days written notice to DWSD. Seventy-two (72) hour 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 petition is subject to inspection and approval by DWSD. The cost of such inspection shall, at the discretion of DWSD, be borne by the petitioner.
4. DWSD prohibits the use of heavy construction equipment or the storage of building material directly over or near DWSD facilities. DWSD also prohibits the use of cranes and balls or hydraulic rams for pavement removal where DWSD facilities are involved. If the water main or sewer facilities are broken or damaged as a result of any action on the part of the contractor, the contractor shall be liable for all costs incidental to the repair of such broken or damaged water main or sewer facilities. If DWSD facilities located within the street shall break or be damaged as the result of any action on the part of the petitioner, then in such event the petitioner agrees to be liable for all costs incident to the repair, replacement or relocation of such broken or damaged DWSD facilities.
5. The petitioner shall hold DWSD harmless for any damage to the encroaching device constructed or installed under this petition, which may be caused by the failure of DWSD's facilities.
6. If at any time in the future the petitioner shall request removal and / or relocation of DWSD's facilities in the street being encroached upon, the petitioner agrees to pay all costs for such removal and/or relocation.
7. Prior to construction, Easement Encroachment Permit (EEP) should be obtained and the insurance required by the EEP should not expire until after completion of the construction.
8. For any proposed work that involves DWSD water mains and/or sewers, an approval and a permit is required from DWSD before commencement of work.
9. It is DWSD's requirement that any proposed utility crossing DWSD water mains and/or sewers perpendicularly must maintain a minimum of 18 inches vertical clearance. Any proposed utility running adjacent to DWSD water mains and/or sewers must maintain a minimum of 10 feet lateral clearance including any conduit and/or manholes walls. No utility is allowed to run along the top of the water main or/or sewer.
10. It is DWSD's requirement that no encroachment has a vertical clearance of less than 16 feet from the ground surface over DWSD water mains and/or sewers.

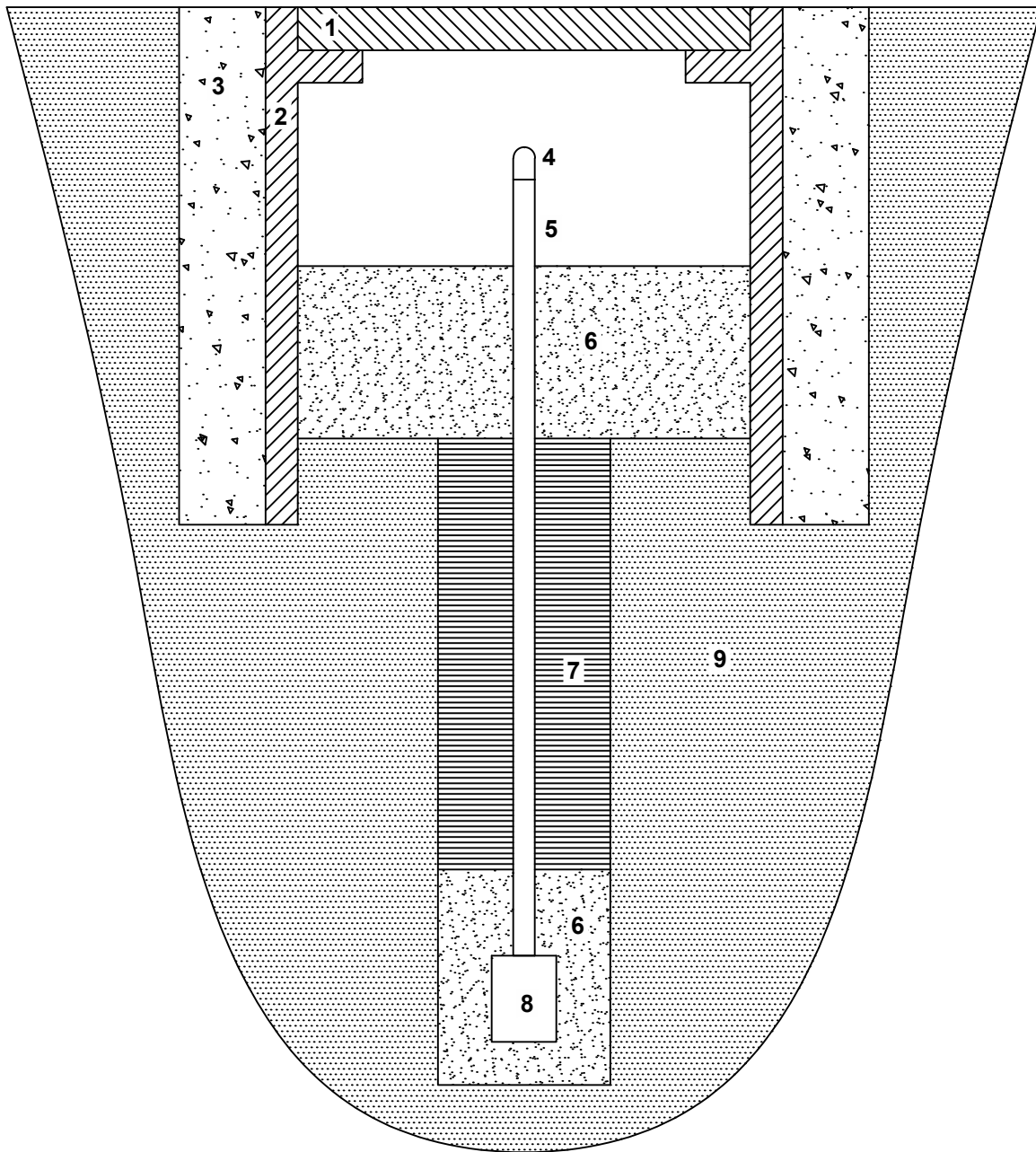


LEGEND

= INVESTIGATION AREA







#### Legend -

1. Bolted flushmount cover
2. Protective skirt
3. Concrete pad
4. Probe cap
5. Probe tubing (labeled in vault)
6. Sand pack
7. Bentonite seal
8. Soil gas probe screen
9. Native material

#### Notes -

Soil gas probe screens are 6-inches in length or less.

Multiple soil gas probes may be installed in the same location, each screen set in its own sand pack with bentonite between.

Not to scale; exact construction will vary depending on Site conditions.

TITLE

## SOIL GAS PROBE CONSTRUCTION



AECOM Technical Services, Inc.  
Novi, Michigan, 248-204-5900

DATE  
3/30/23

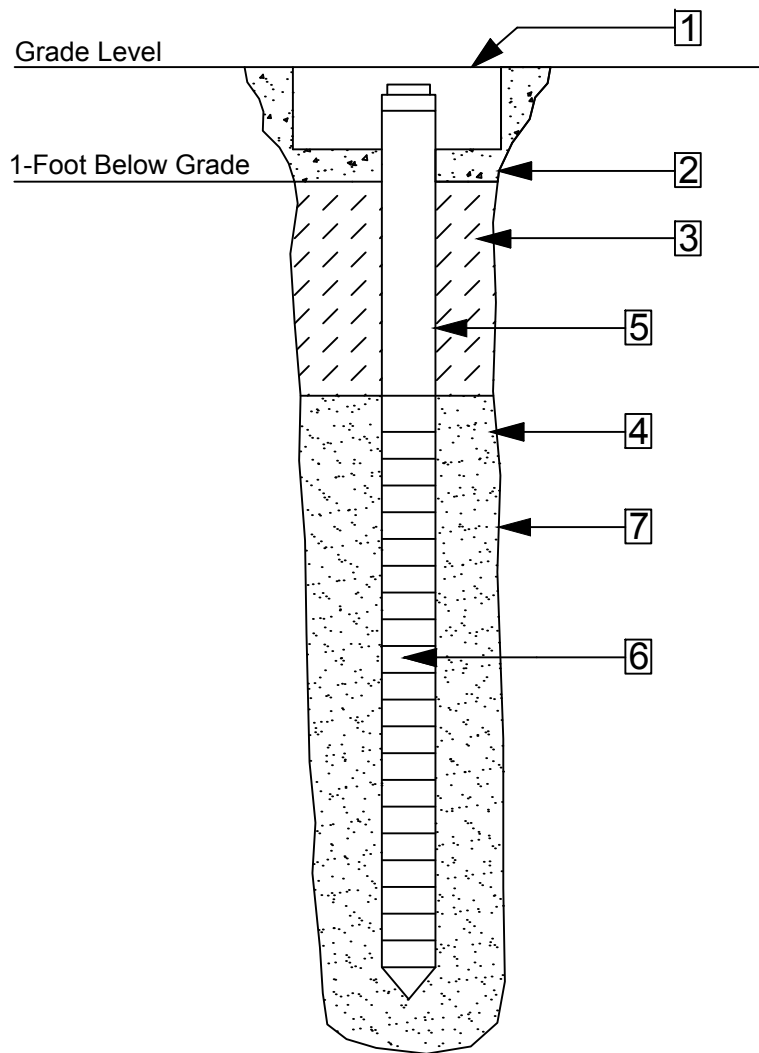
DR.  
BM

CK.  
JTB

JOB NO.  
SOPUS

SKETCH NO.

App. A



1. 10-Inch Diameter Protective Cover
2. Concrete Seal
3. Bentonite Seal
4. Silica Sand
5. 2-Inch Diameter Casing
6. Screen Data
  - A. Type - Schedule 40 PVC
  - B. 10-Slot Screen Size
7. Borehole Drilled with 4 1/4-Inch Augers

TITLE

## TYPICAL MONITORING WELL CONSTRUCTION DIAGRAM



AECOM Technical Services, Inc.  
Novi, Michigan, 248-204-5900

DATE  
11/06/21

JOB NO.  
SOPUS

DR.  
AB

SKETCH NO.

CK.  
MR

App. A



April 15, 2024

City of Detroit  
Department of Public Works –  
Maps and Records Bureau  
Coleman A Young Municipal Center  
2 Woodward Avenue, Suite 401  
Detroit, Michigan 48226

**RE: Proposed Scope of Work  
19855 Grand River Avenue,  
Detroit, Wayne County, Michigan 48223**

AECOM proposes the advancement of 10 soil borings to be developed into monitoring wells and soil gas wells (2 monitoring wells within Puritan Avenue to the south of 19855 Grand River Avenue, 1 monitoring well and 1 soil gas well to the west of Evergreen Road and east of 15915 Evergreen Road, 1 monitoring well to the south of Puritan Road and north of 15915 Evergreen Road, 1 monitoring well and 1 soil gas well to the north of Puritan Road and south of 20011 Grand River Avenue, 1 monitoring well to the west of 19855 Grand River Avenue, and east of Evergreen Road, and 2 soil gas wells to the south of 19855 Grand River Avenue and north of Puritan Avenue).

Four additional soil borings will be completed in various right-of-way locations in the area. 1 to the east of 20011 Grand River Avenue and to the west of Evergreen Road, 1 to the south of 19855 Grand River Avenue and to the north of Puritan Avenue, 1 to the west of 19855 Grand River Avenue and to the east of Evergreen Road, and 1 to the east of Evergreen Road and west of 15910 Evergreen Road.

One existing monitoring well will be abandoned, and 3 existing monitoring wells will be repaired in the area.

Please refer to the site map for the proposed locations.

All monitoring wells and soil gas wells will be permanent and finished in place with concrete, level with the surrounding area. Soil borings will also be finished in a similar fashion where appropriate, if completed in grass the soil boring will be finished with topsoil and new grass seed if necessary.

All investigation derived waste will be stored at 19855 Grand River Avenue, Detroit in 55-gallon drums until a waste pickup can be scheduled.

This work is expected to begin approximately 3<sup>rd</sup> quarter of 2024, pending approval, and be completed within a week of the start date.





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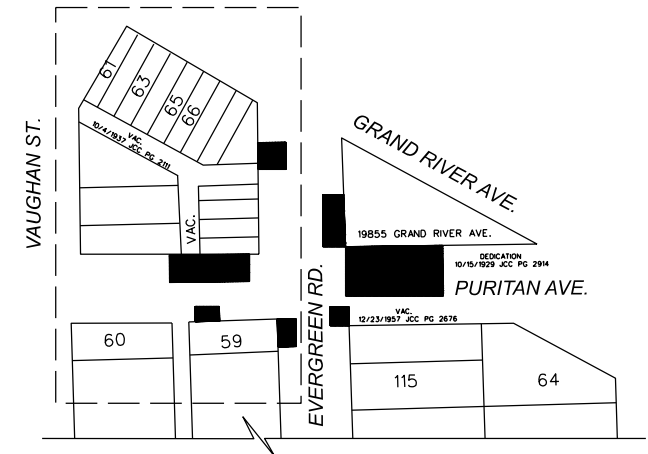
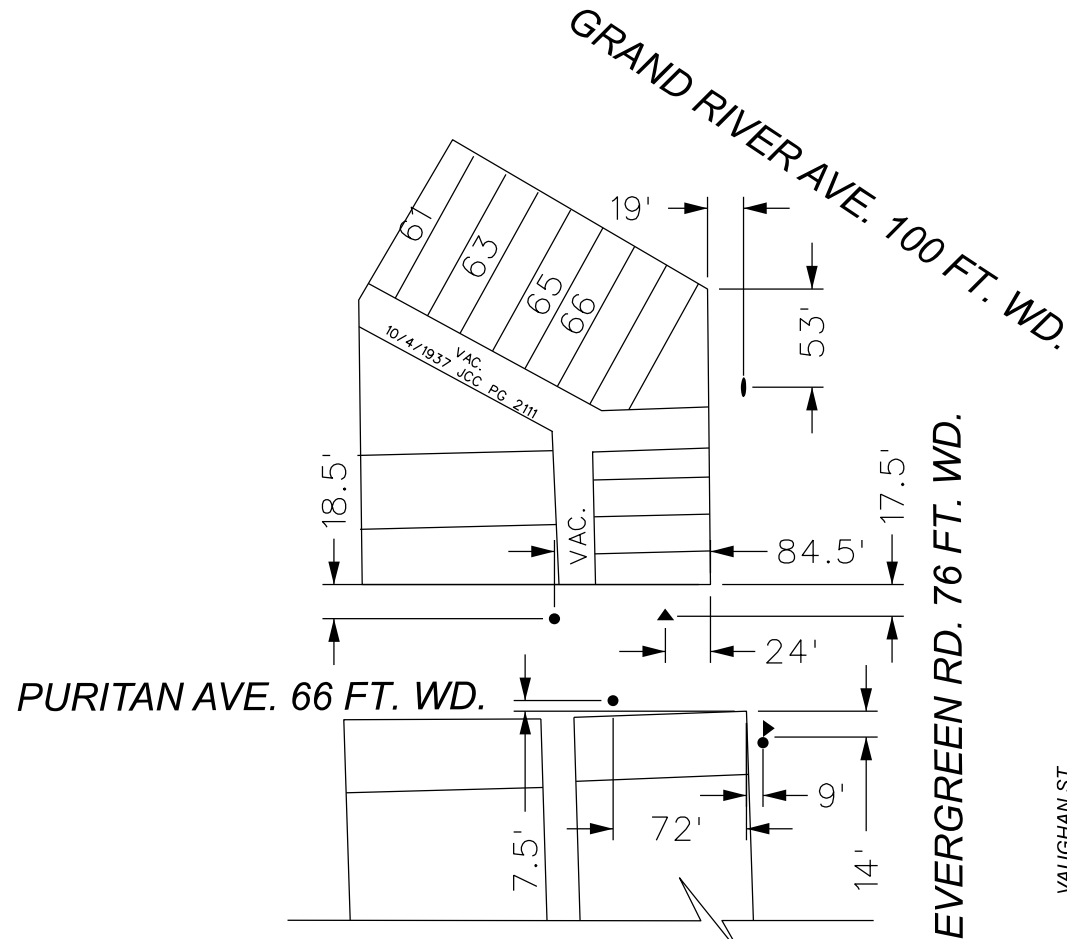
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MAP-24-65



-  - PROPOSED SOIL BORING (4 EA.)  
10" DIA., 0-15' BELOW GRADE
-  - PROPOSED SOIL GAS WELL (4 EA.)  
10" DIA., 0-5' BELOW GRADE
-  - PROPOSED MONITORING WELL (5 EA.)  
10" DIA., 0-15' BELOW GRADE
-  - REQUEST ENCROACHMENT

(FOR OFFICE USE ONLY)

CARTO 113 A B E F

B					
A					
DESCRIPTION		DRWN	CHKD	APPD	DATE
REVISIONS					
DRAWN BY		CHECKED			
AP		LC			
DATE		APPROVED			
04-29-2024		RW			

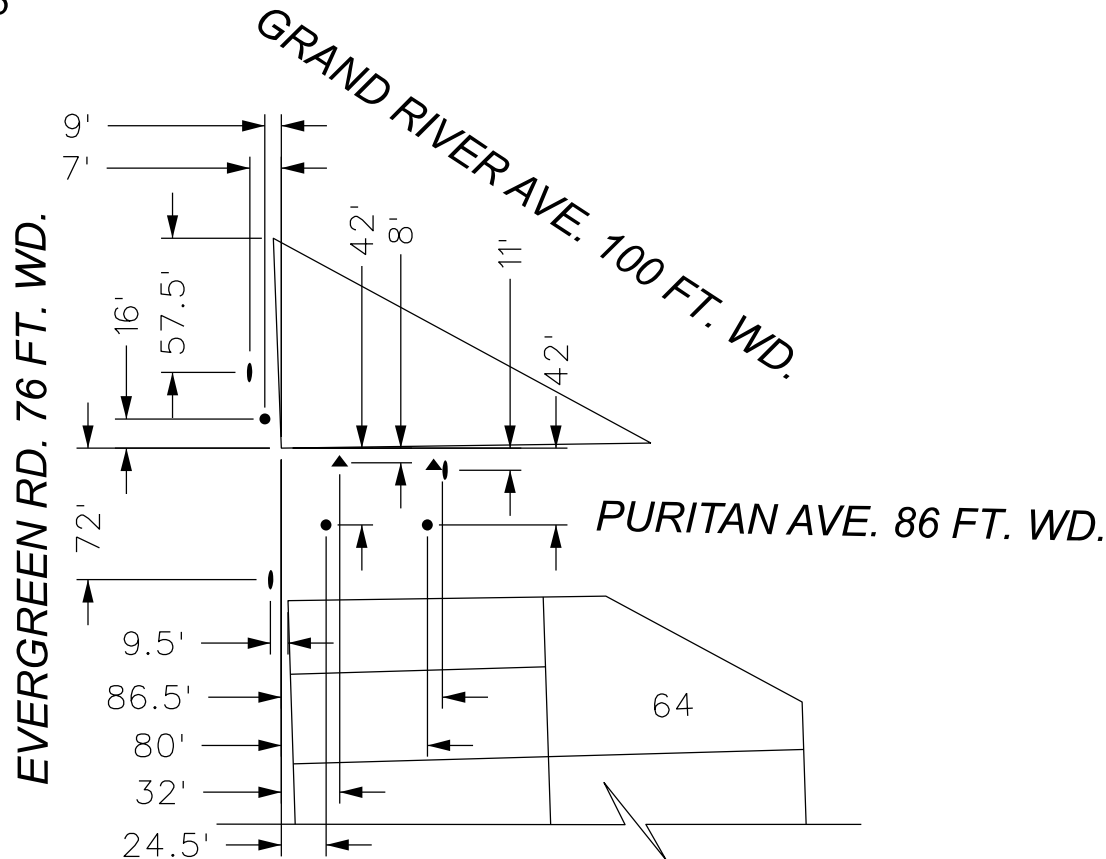
REQUEST ENCROACHMENT  
INTO EVERGREEN RD. & PURITAN AVE.  
AT 19855 GRAND RIVER AVE.

CITY OF DETROIT  
CITY ENGINEERING DIVISION  
SURVEY BUREAU

JOB NO. 24-65

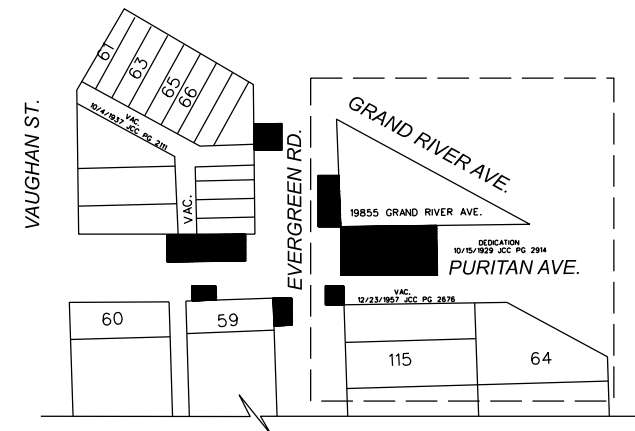
DRWG. NO. 01

MAP-24-65



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(FOR OFFICE USE ONLY)



**CARTO 113 A B E F**

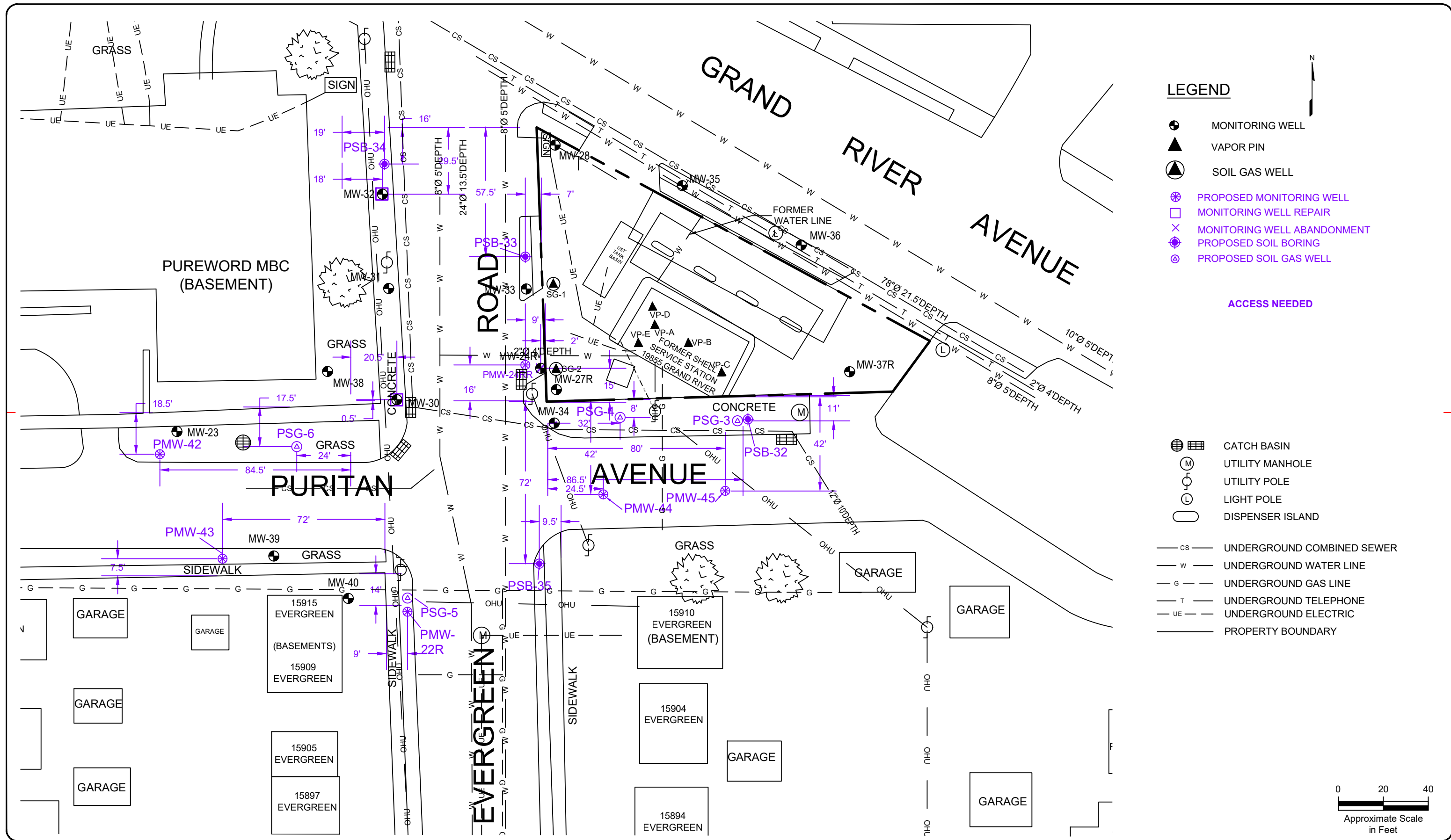
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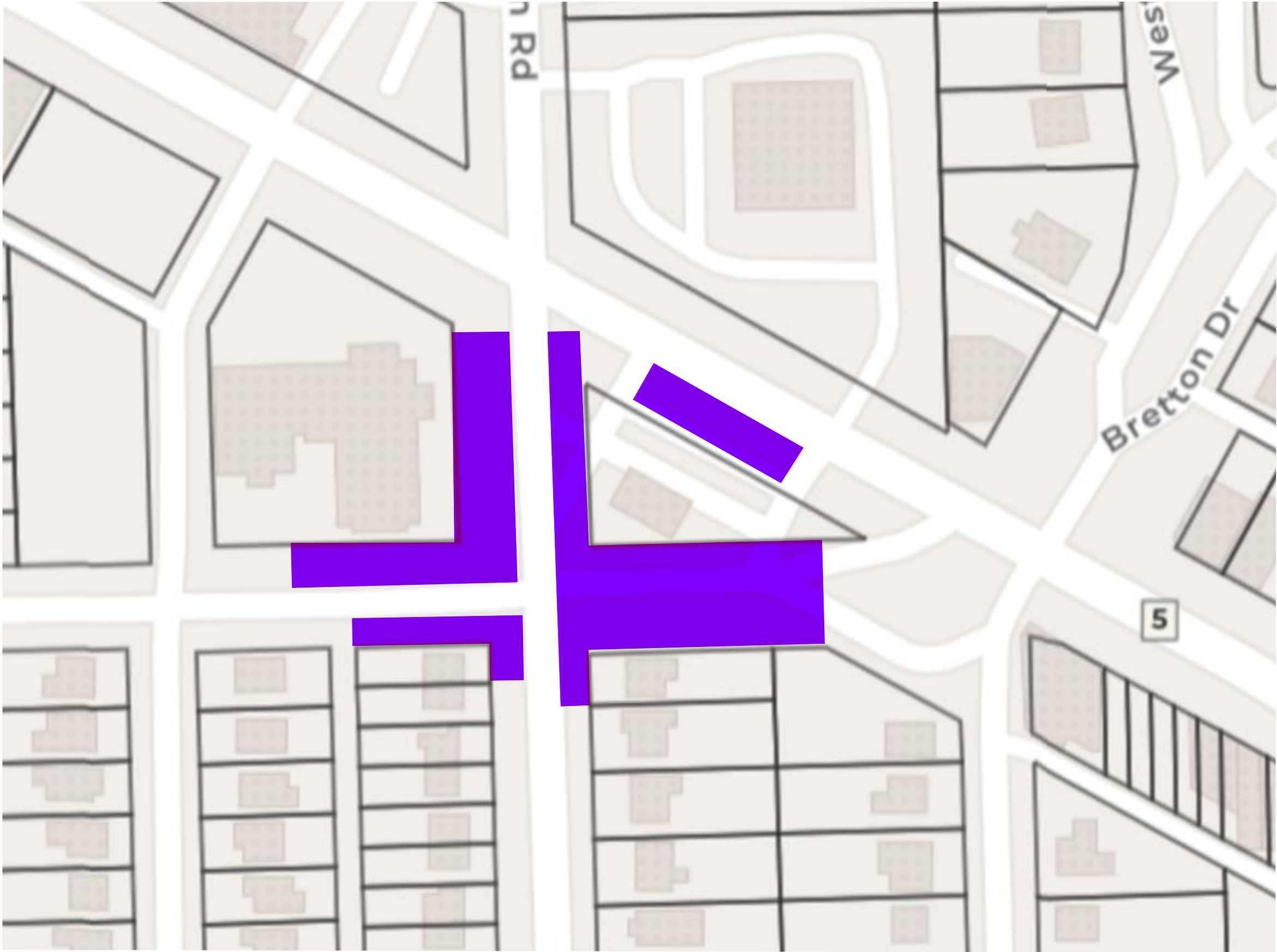
**CITY OF DETROIT  
CITY ENGINEERING DIVISION  
SURVEY BUREAU**

**JOB NO. 24-65**

**DRWG. NO. 02**

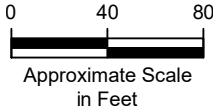
<b>B</b>					
<b>A</b>					
<b>REVISIONS</b>					
<b>DESCRIPTION</b>	<b>DRWN</b>	<b>CHKD</b>	<b>APPD</b>	<b>DATE</b>	
<b>DRAWN BY</b> AP	<b>CHECKED</b>		LC		
<b>DATE</b> 04-29-2024	<b>APPROVED</b>		RW		





LEGEND

 = INVESTIGATION AREA



TITLE

PROPOSED SCOPE - 2024



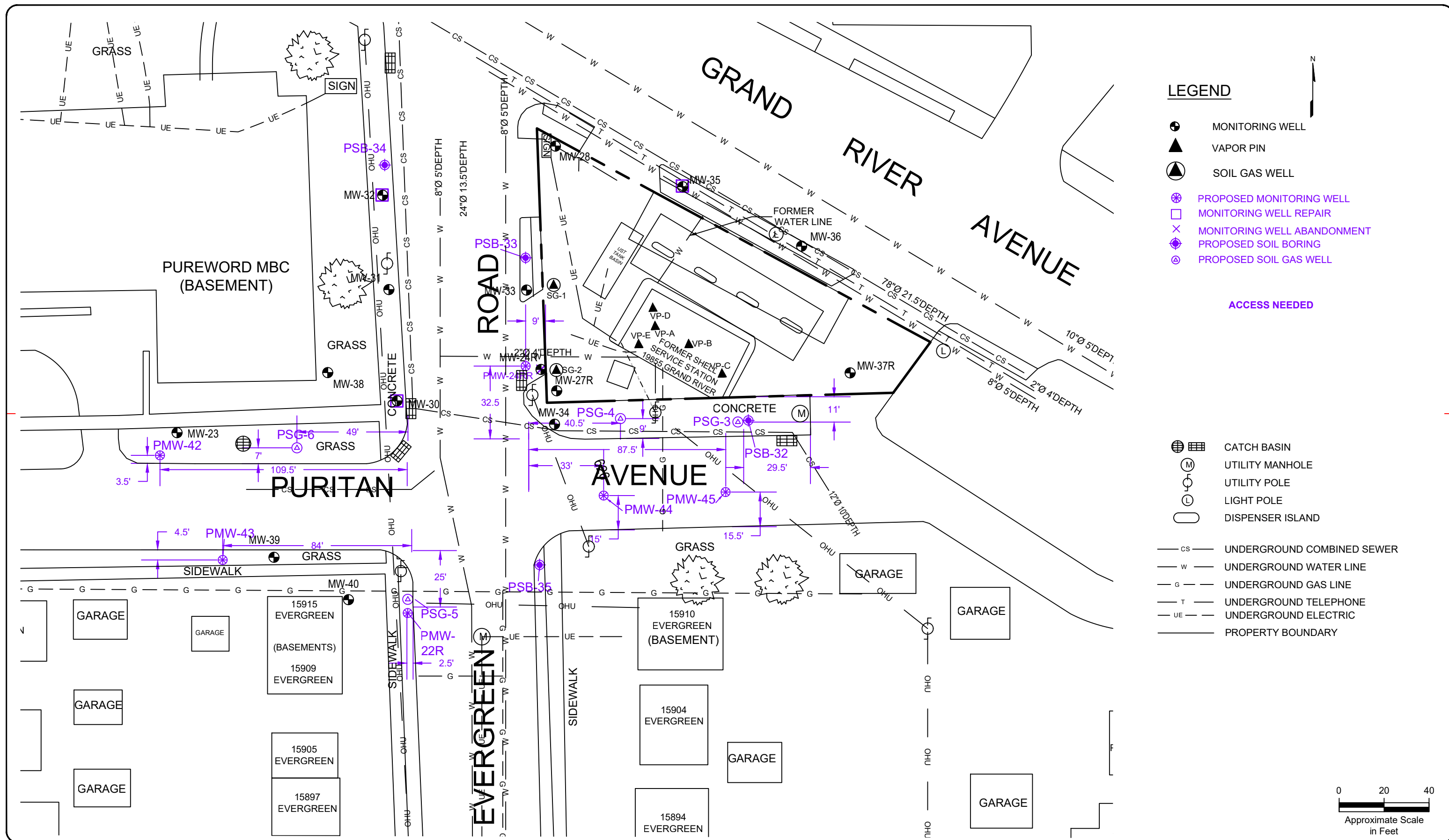
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Novi, Michigan, 248-204-5900

19855 Grand River Avenue  
Detroit, Michigan 48223

NOTE: FOR INFORMATIONAL PURPOSES ONLY  
NOT A PROFESSIONAL SURVEY  
ALL LOCATIONS/DIMENSIONS ARE APPROXIMATE

DATE  
04/15/24  
DR. MT  
CK. JTB

JOB NO. SOPUS  
SKETCH NO. Fig. 1



TITLE

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Novi, Michigan, 248-204-5900

19855 Grand River Avenue  
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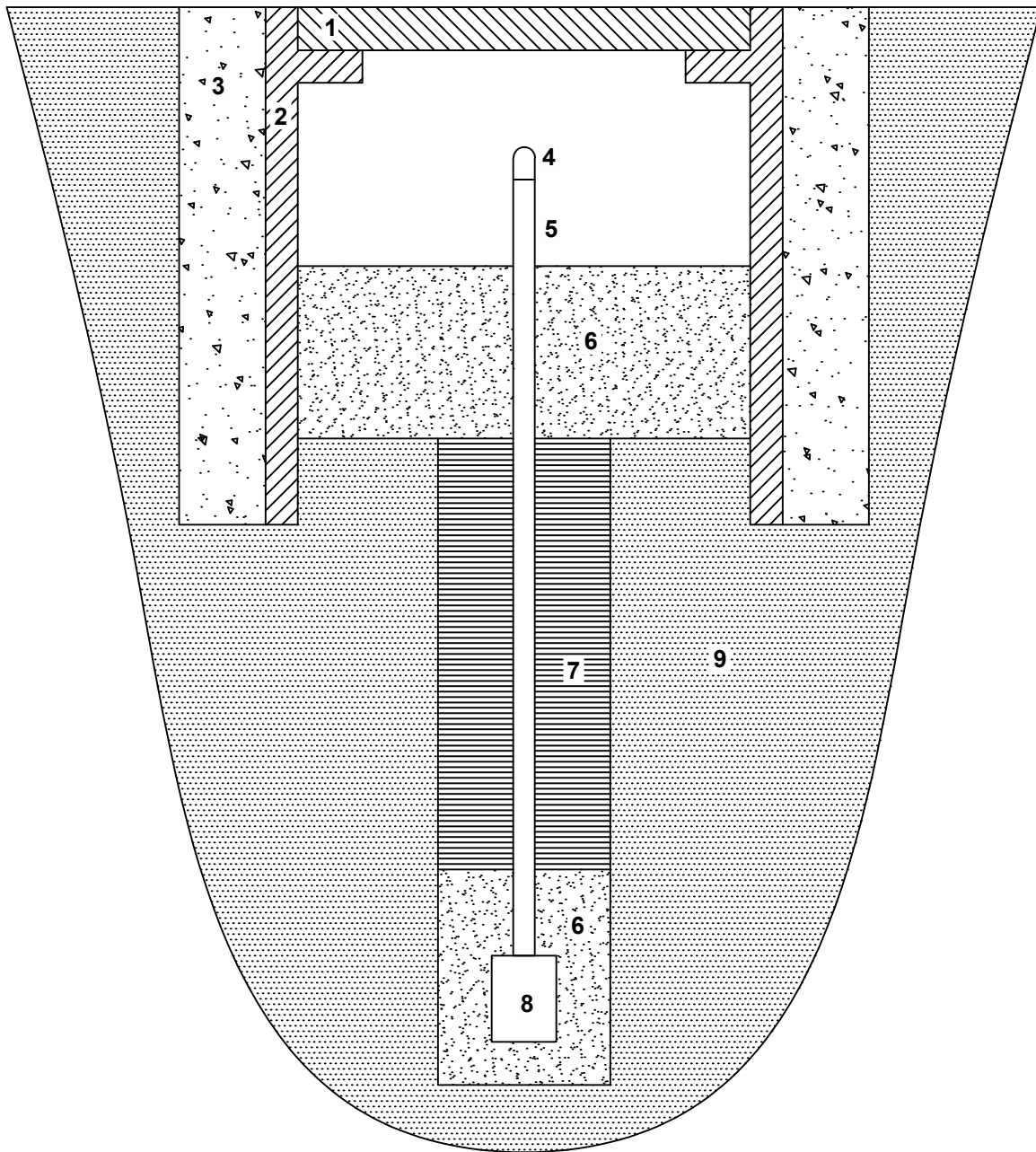
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DATE	04/15/24
DR.	MT
CK.	JTB

4	JOB NO. <b>SOPUS</b>
	SKETCH NO. <b>Fig. 1</b>





#### Legend -

1. Bolted flushmount cover
2. Protective skirt
3. Concrete pad
4. Probe cap
5. Probe tubing (labeled in vault)
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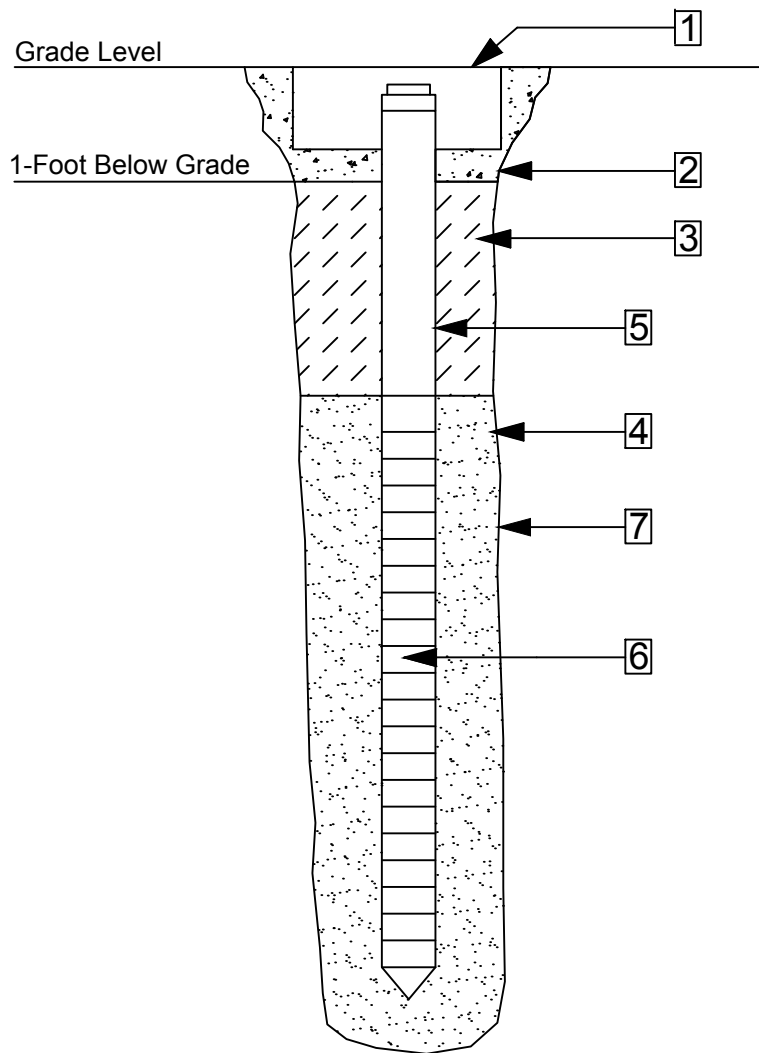
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App. A





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2. Concrete Seal
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