



Central Services Facility

313-267-8000 • detroitmi.gov/DWSD

Date:

- ☐ Outright Vacation
- ☐ Conversion to Easement

- ☐ Dedication
- ☐ Encroachment

☐ Berm Use

☐ Temporary Closing

☐ Approved Subject to Attached Provisions

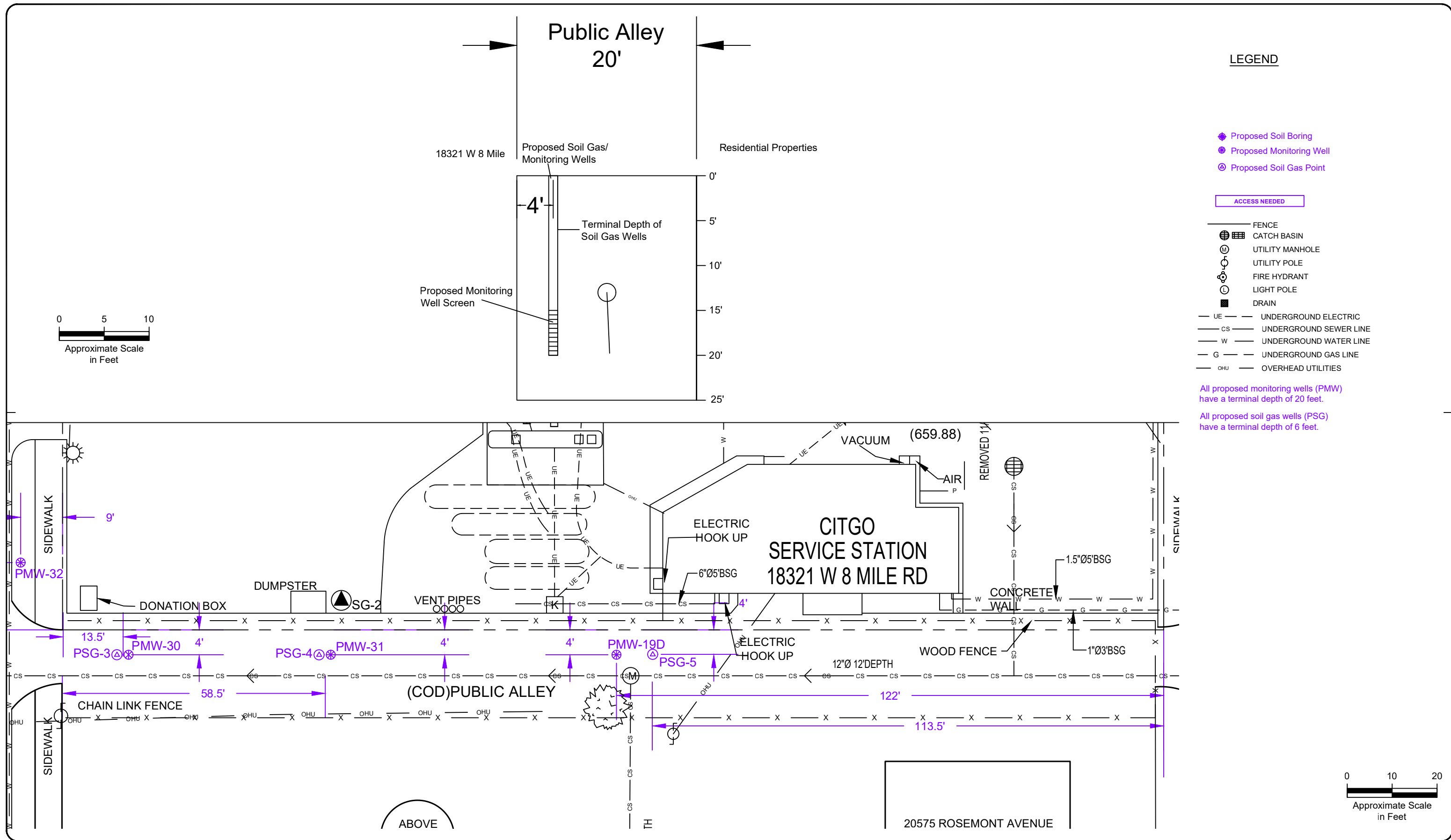
☐ Not Approved

[illegible]

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

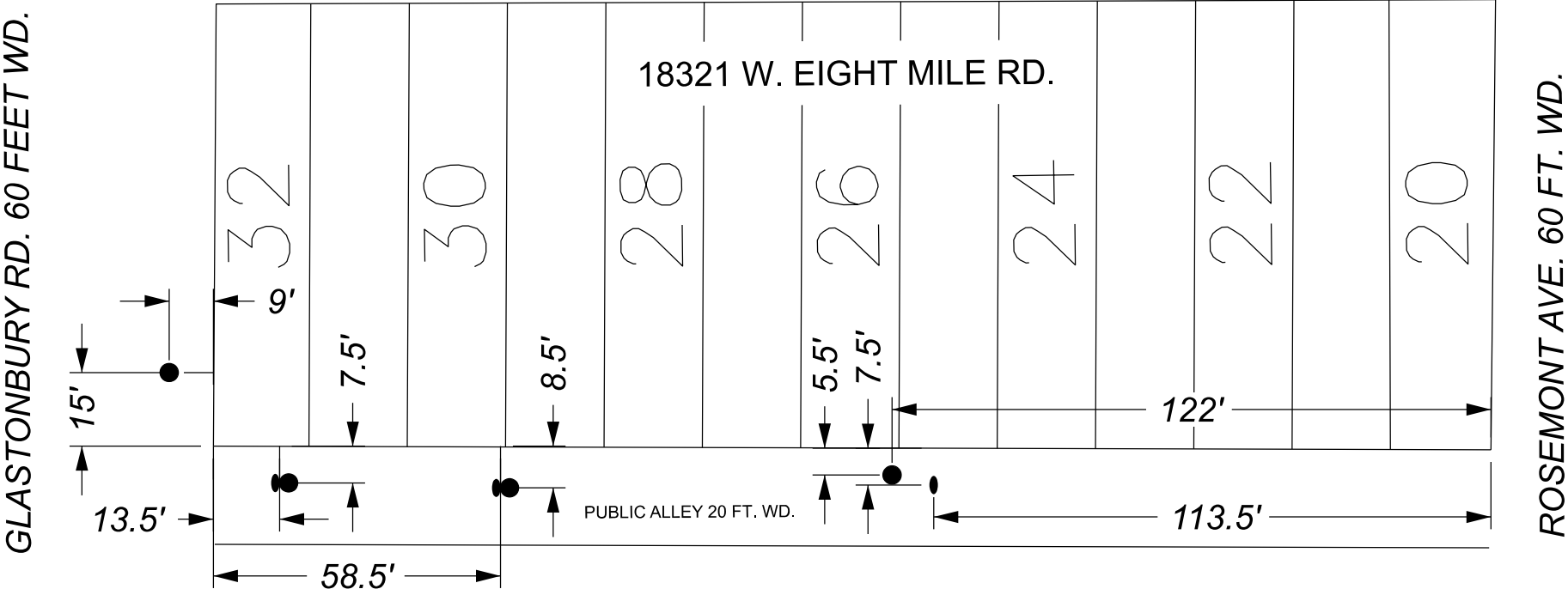
PROVISIONS FOR ENCROACHMENT

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.





W. EIGHT MILE RD. 204 FT. WD.



- - PROPOSED SOIL GAS POINT (3 EA)
10" DIA., 0'-6' BELOW GRADE
- - PROPOSED MONITORING WELL (4 EA)
10" DIA., 0'-20' BELOW GRADE

CARTO 105 C

(FOR OFFICE USE ONLY)

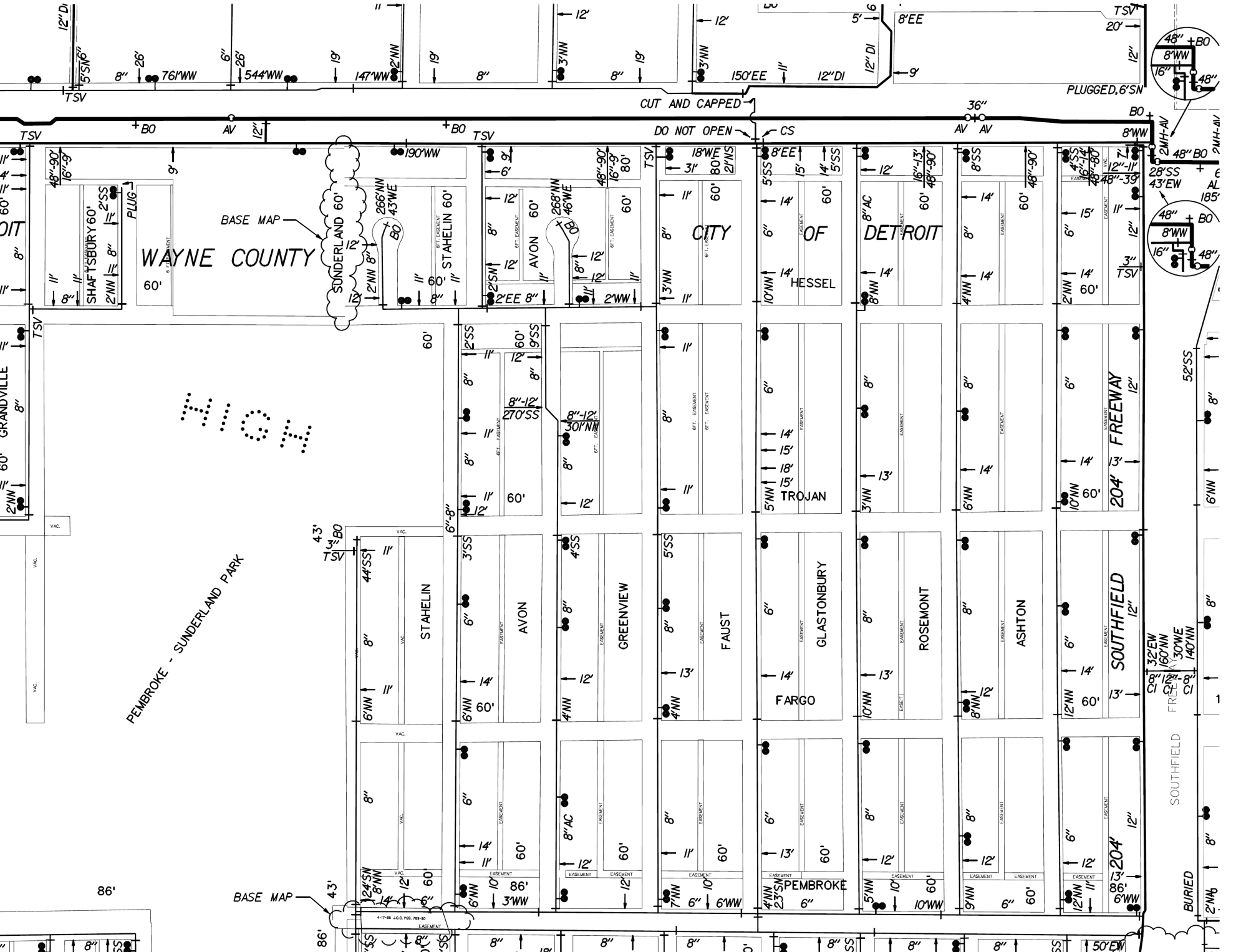
B					
A					
DESCRIPTION		DRWN	CHKD	APPD	DATE
REVISIONS					
DRAWN BY	LC	CHECKED		AP	
DATE	04-23-2024	APPROVED		RW	

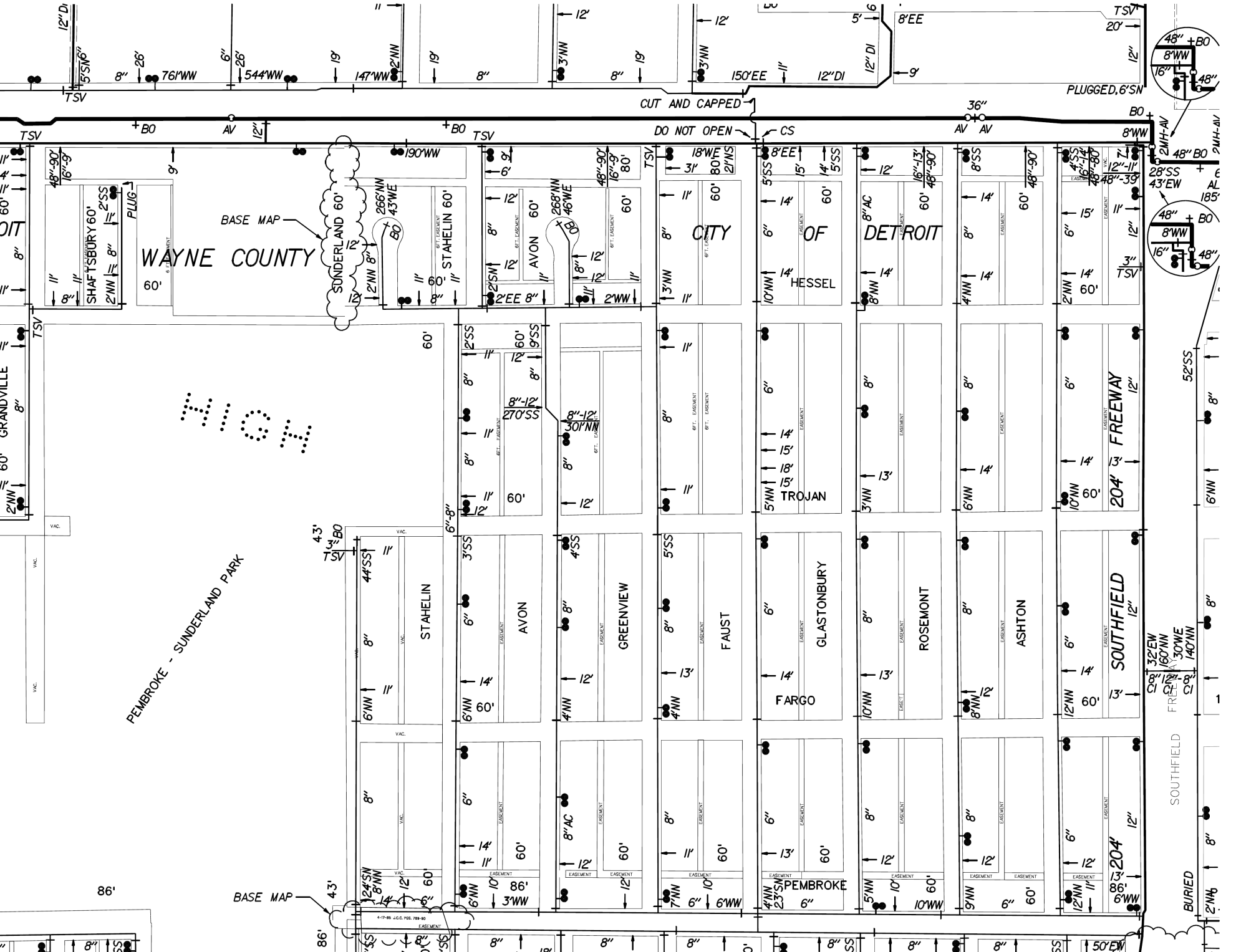
REQUEST ENCROACHMENT FOR INSTALLATION OF
MONITORING WELLS AND SOIL GAS WELLS
IN THE ALLEY AND ALONG GLASTONBURY RD.
AT 18321 W. EIGHT MILE RD.

CITY OF DETROIT
CITY ENGINEERING DIVISION
SURVEY BUREAU

JOB NO. 24-62

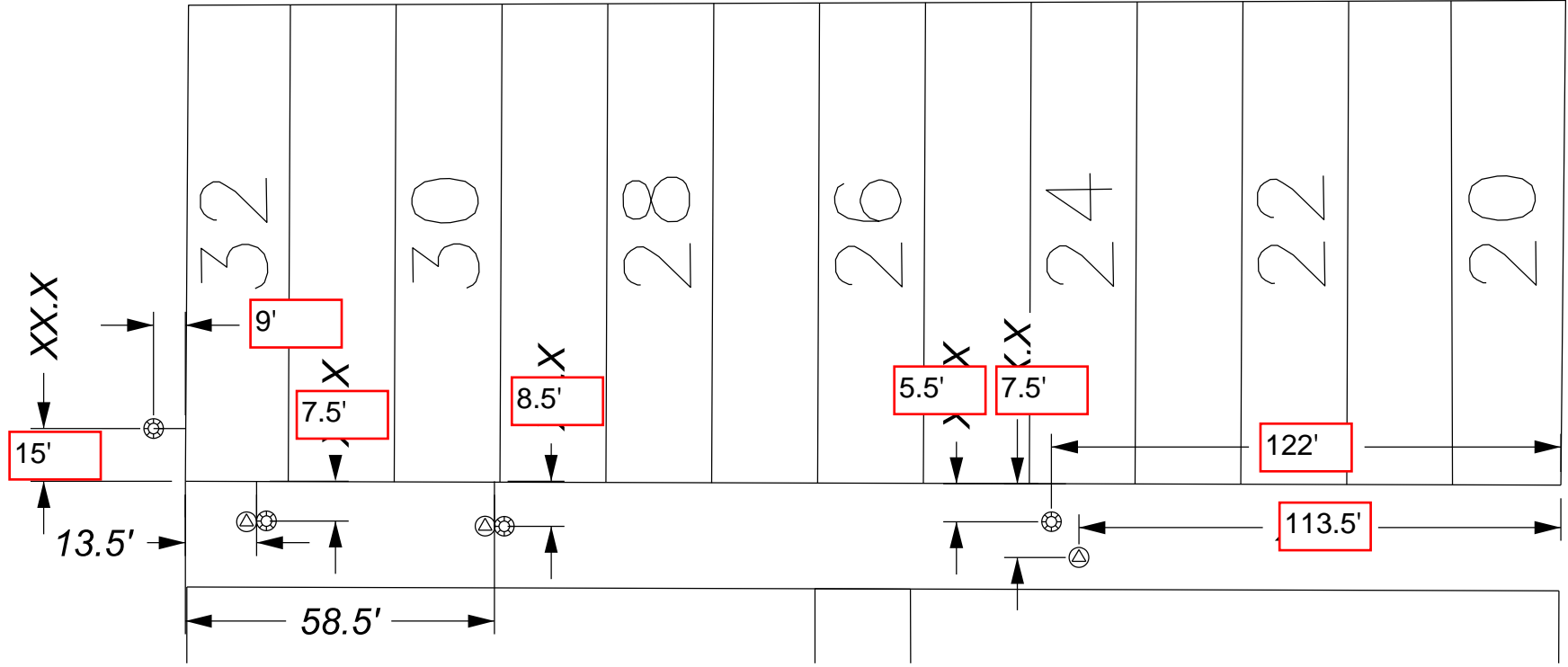
DRWG. NO.



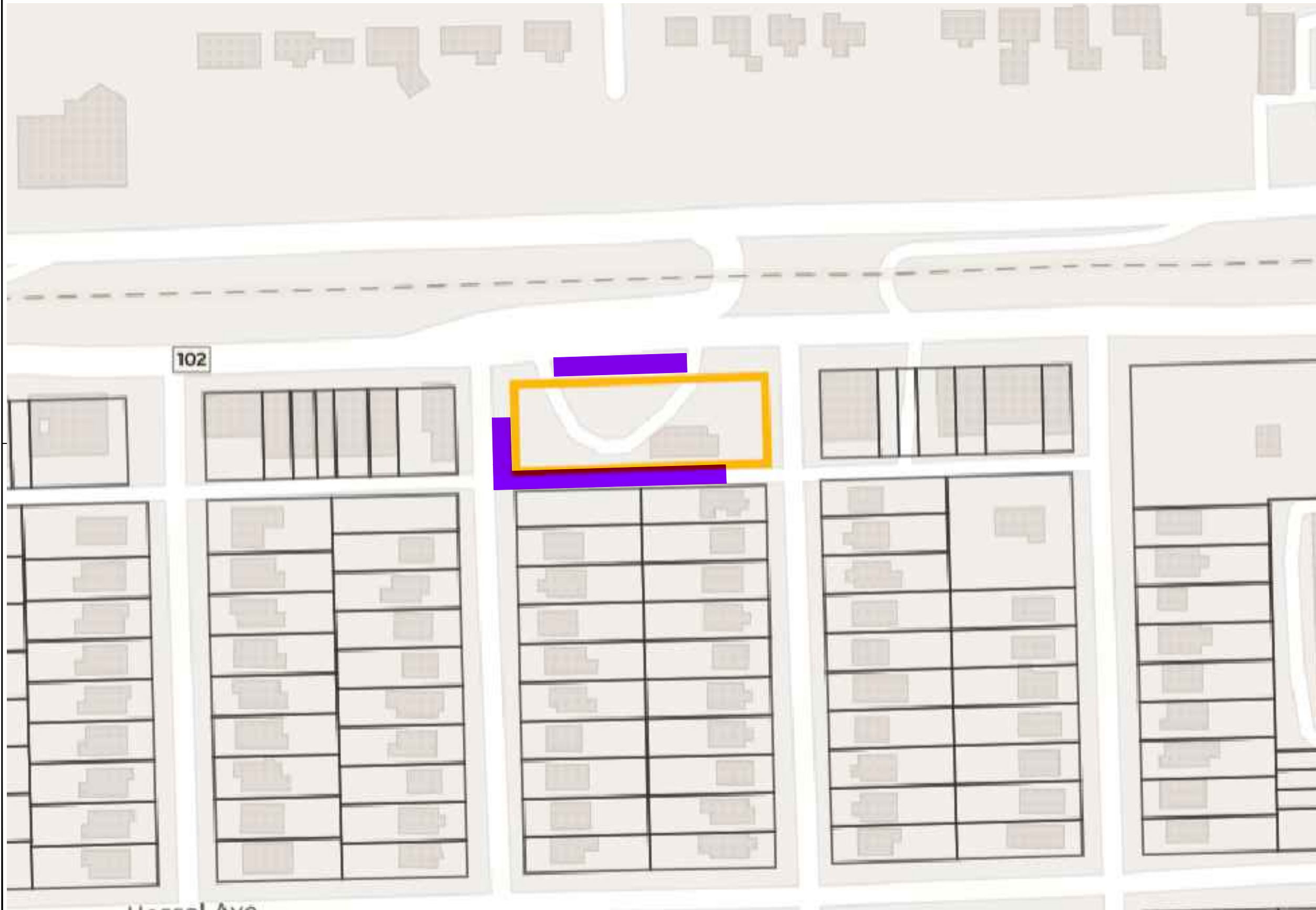


GLASTONBURY RD. 60 FEET WD.

EIGHT MILE RD. 204 FT. WD.



ROSEMONT AVE. 60 FT. WD.



LEGEND

= INVESTIGATION AREA



0 50 100
Approximate Scale
in Feet

TITLE

PLAT MAP WITH INVESTIGATION AREA



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

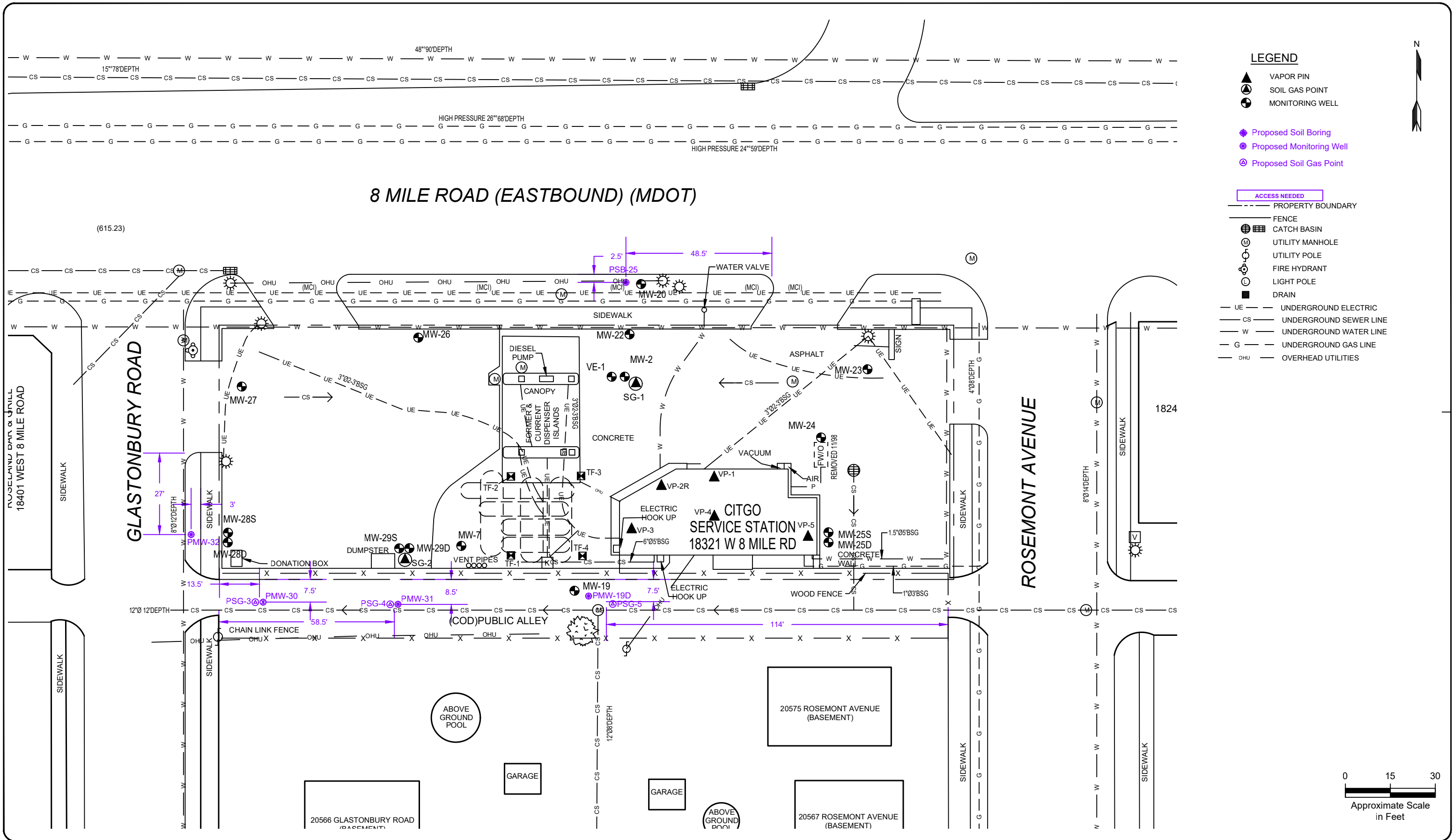
18321 W. 8 Mile Road
Detroit, Michigan 48219

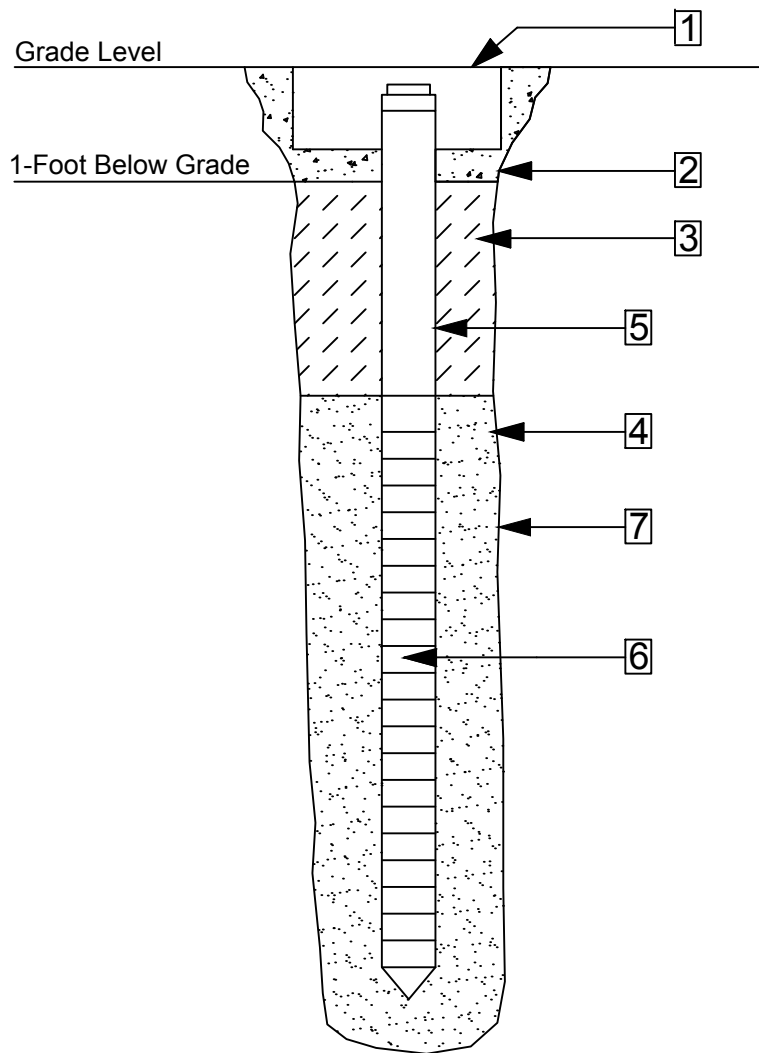
NOTE: FOR INFORMATIONAL PURPOSES ONLY

NOT A PROFESSIONAL SURVEY
ALL LOCATIONS/DIMENSIONS ARE APPROXIMATE

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

JOB NO. SOPUS
SKETCH NO.
Fig. 1





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

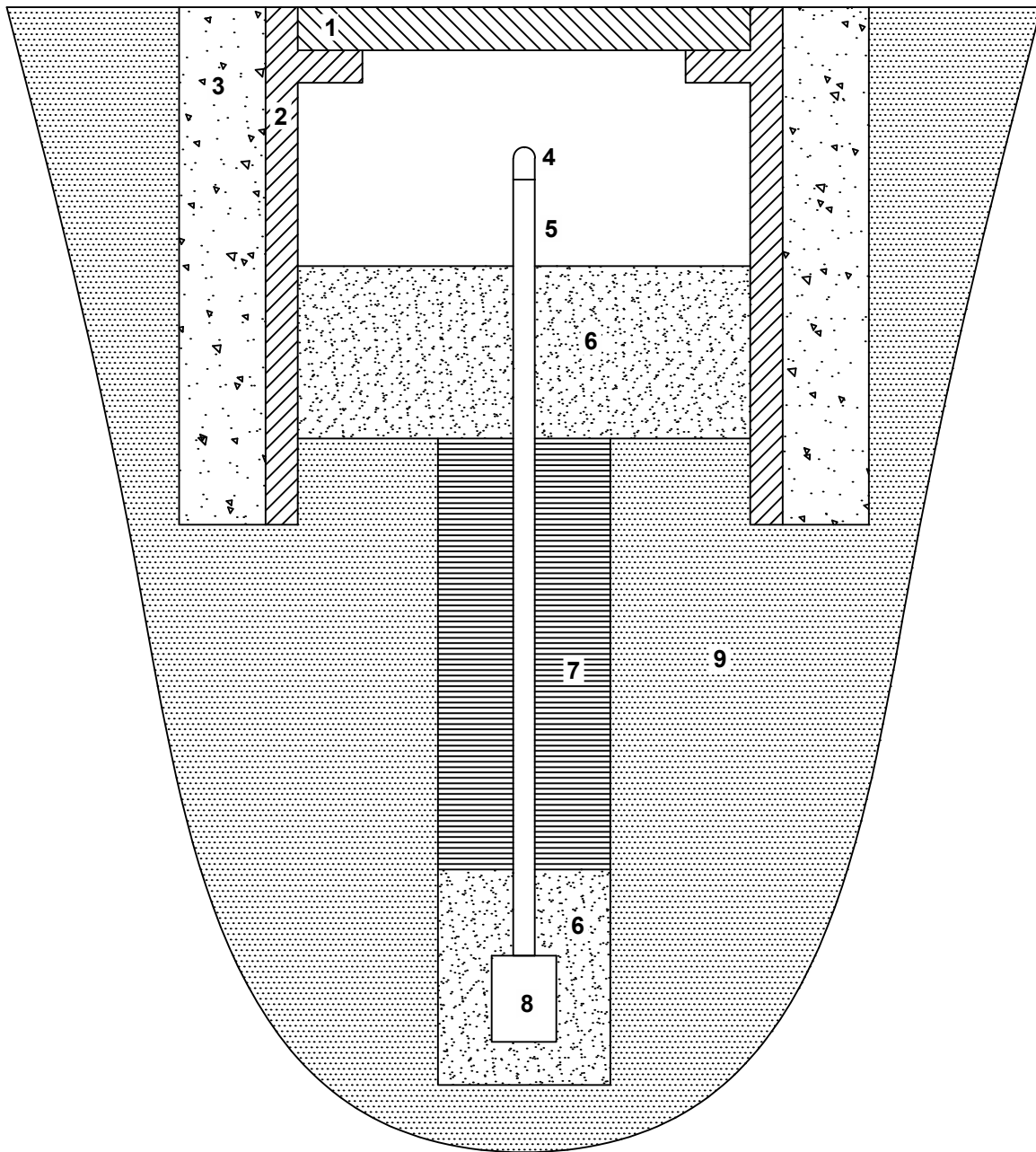
JOB NO.
SOPUS

DR.
AB

SKETCH NO.

CK.
MR

App. A



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

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

DATE
3/30/23

DR.
BM

CK.
JTB

JOB NO.
SOPUS

SKETCH NO.

App. A