



Central Services Facility

313-267-8000 • detroitmi.gov/DWSD

Date:

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.



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
21640 W. 7 Mile Road,
Detroit, Wayne County, Michigan 48219**

AECOM proposes the advancement of 15 soil borings to be developed into monitoring wells (2 monitoring wells north of 7 Mile Road and south of 21640 W. 7 Mile Road, 6 monitoring wells south of 7 Mile Road and north of 21755 W. 7 Mile Road, 1 monitoring well at the southwest corner of 7 Mile Road Lasher Avenue, 3 monitoring wells to the west of Lasher Avenue and east of 22050 W. 7 Mile Road, 2 monitoring wells to the east of Lasher Avenue and west of 21640 W. 7 Mile Road, and 1 monitoring well in the alley to the north of 21640 W. 7 Mile Road). One additional soil boring will also be in the alley to the north of 21640 W. 7 Mile Road.

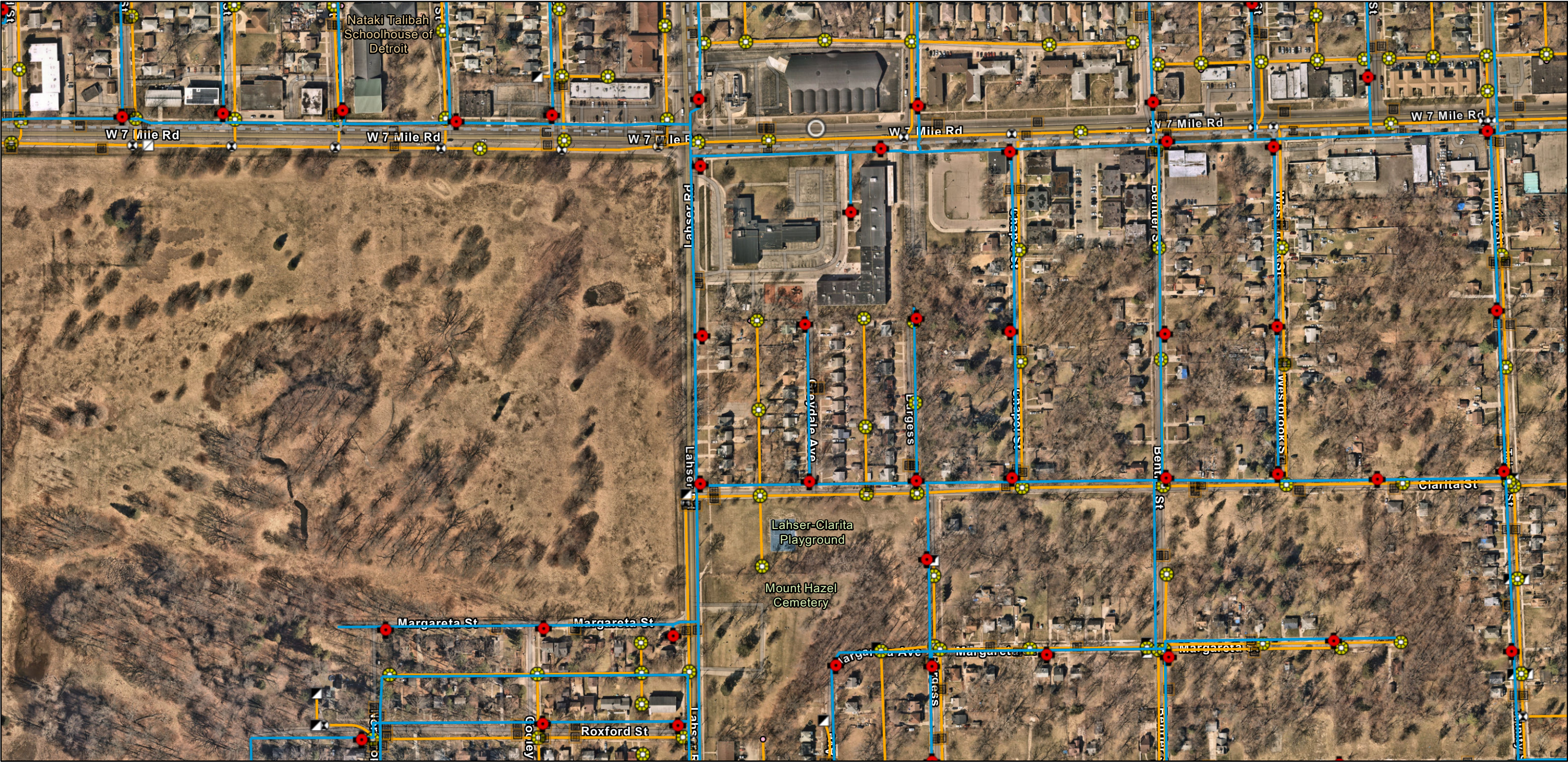
Please refer to the site map for the proposed locations.

All monitoring 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.

All investigation derived waste will be stored at 21640 W. 7 Mile Road, Detroit in 55-gallon drums until a waste pickup can be scheduled.

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

21640 W. 7 Mile Road,



11/25/2024

 Distribution System Hydrant

Distribution System Main

 Active

 Abandoned


 Wastewater Catch Basin

 Wastewater Manhole

Wastewater Fitting

 Blind Connection

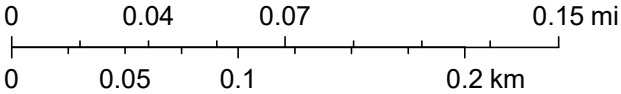
 Bulkhead/Cap

 Material/Size Change

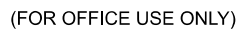
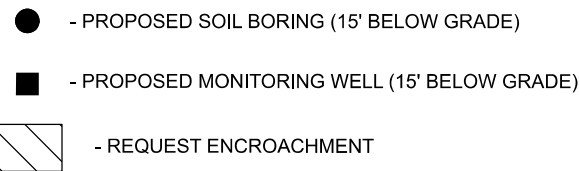
 Crown/Main Point

Wastewater GravityMain

 Active



DWSD, Esri Community Maps Contributors, Province of Ontario, SEMCOG, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



REQUEST ENCROACHMENTS INTO
THE EAST/WEST PUBLIC ALLEY, 26 FT. WD.
AT 19100 LAHSER RD.

DRWG. NO.

B						
A						
DESCRIPTION		DRWN	CHKD	APPD	DATE	
REVISIONS						
DRAWN BY		TS		CHECKED		LC
DATE		04-24-2024		APPROVED		RW

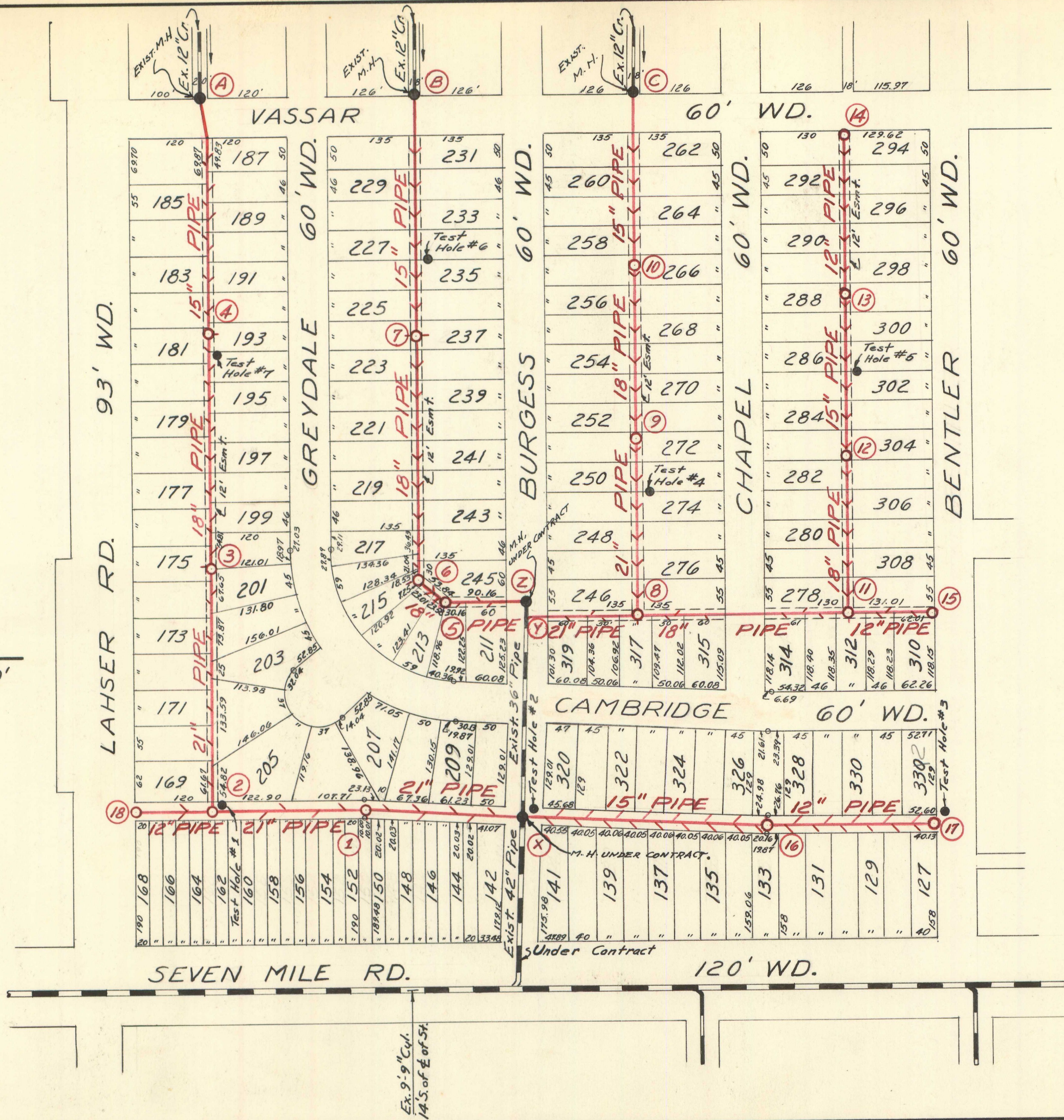






PLAN

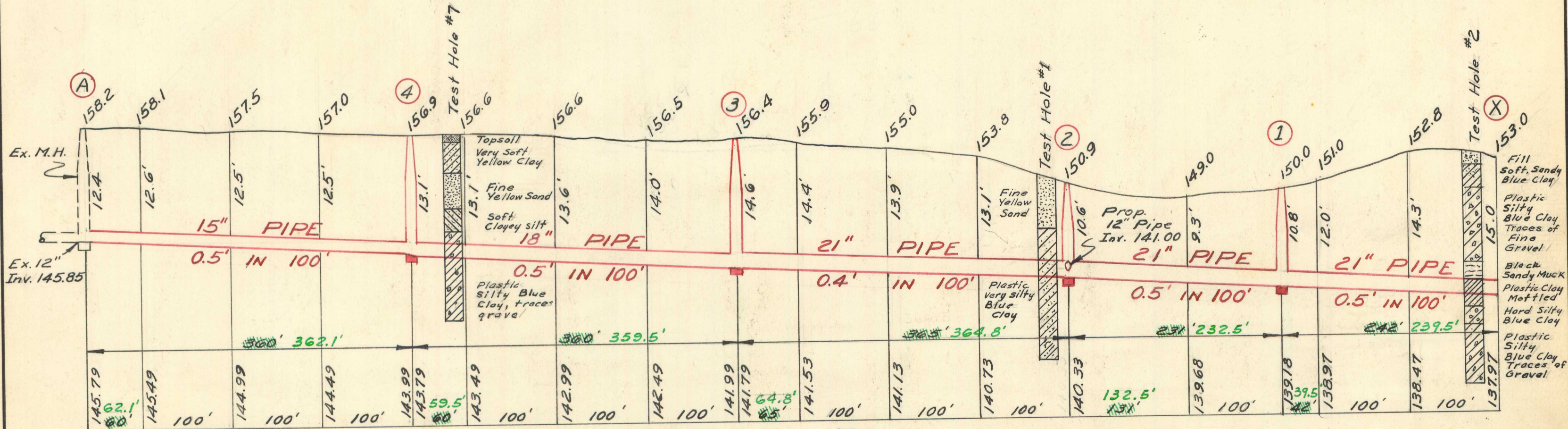
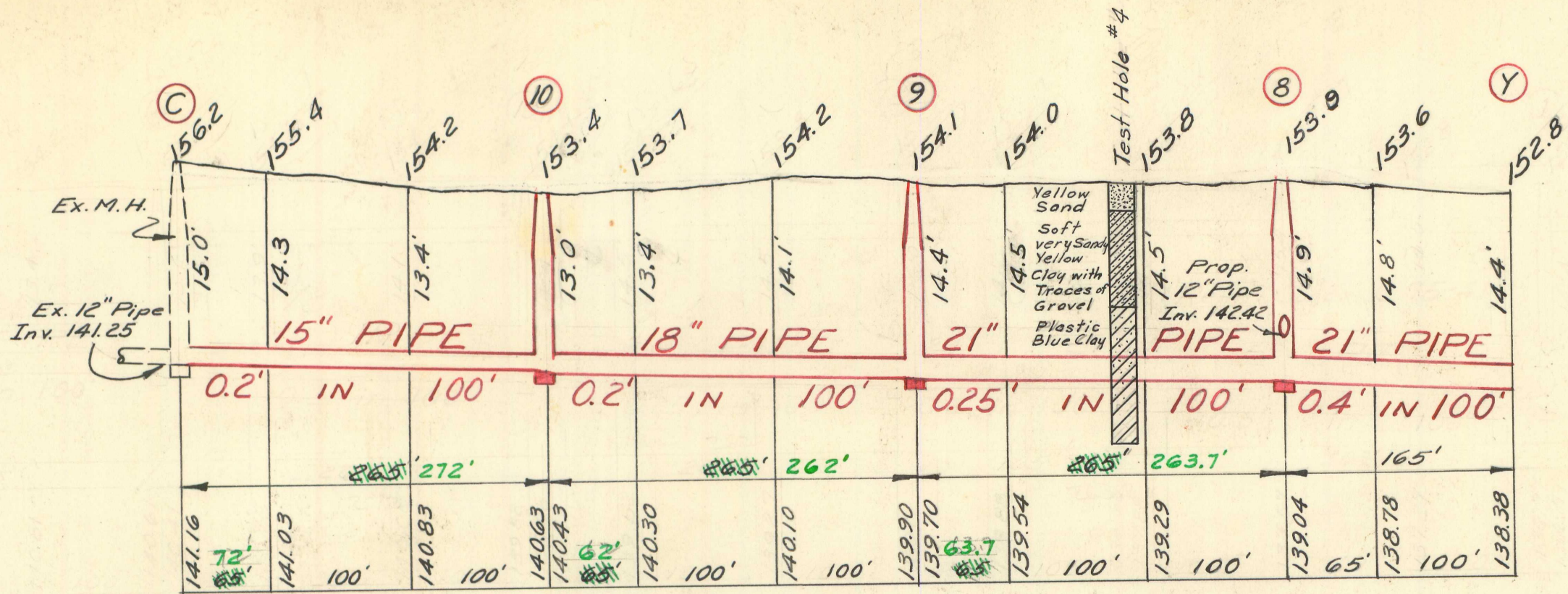
Scale - 1" = 150'



43289

Booked 4-20-54
C. H. Anderson

FIELD BOOK		DESIGNED BY	E. F. Zeimet	APPROVED	10-20-1953	DEPARTMENT OF PUBLIC WORKS		LATERAL SEWER	
No.		DRAWN BY	E. F. Zeimet	SANITARY ENGINEER	Quay L. Palmer	CITY ENGINEER'S OFFICE		LAHSEY - BENTLER - SEVEN MILE ROAD - VASSAR	
		TRACED BY	E. F. Zeimet	ASSISTANT CITY ENGINEER	W. H. H. Under Contract	DETROIT, MICHIGAN		PETITION NO.	5993
		CHECKED BY	J. Kiepah	CITY ENGINEER	W. H. H. Under Contract			DATE	6-9-53
REVISIONS		A		B				RESOLUTION	6-23-53
								CONTRACT CONFIRMED	
								COMPLETED	3-11-54
								PRICE	
								COUNTY PERMIT NO.	
								STATE PERMIT NO.	
								SEWER No.	6824
								ROLL No.	PRIVATE
								CONTRACT No.	

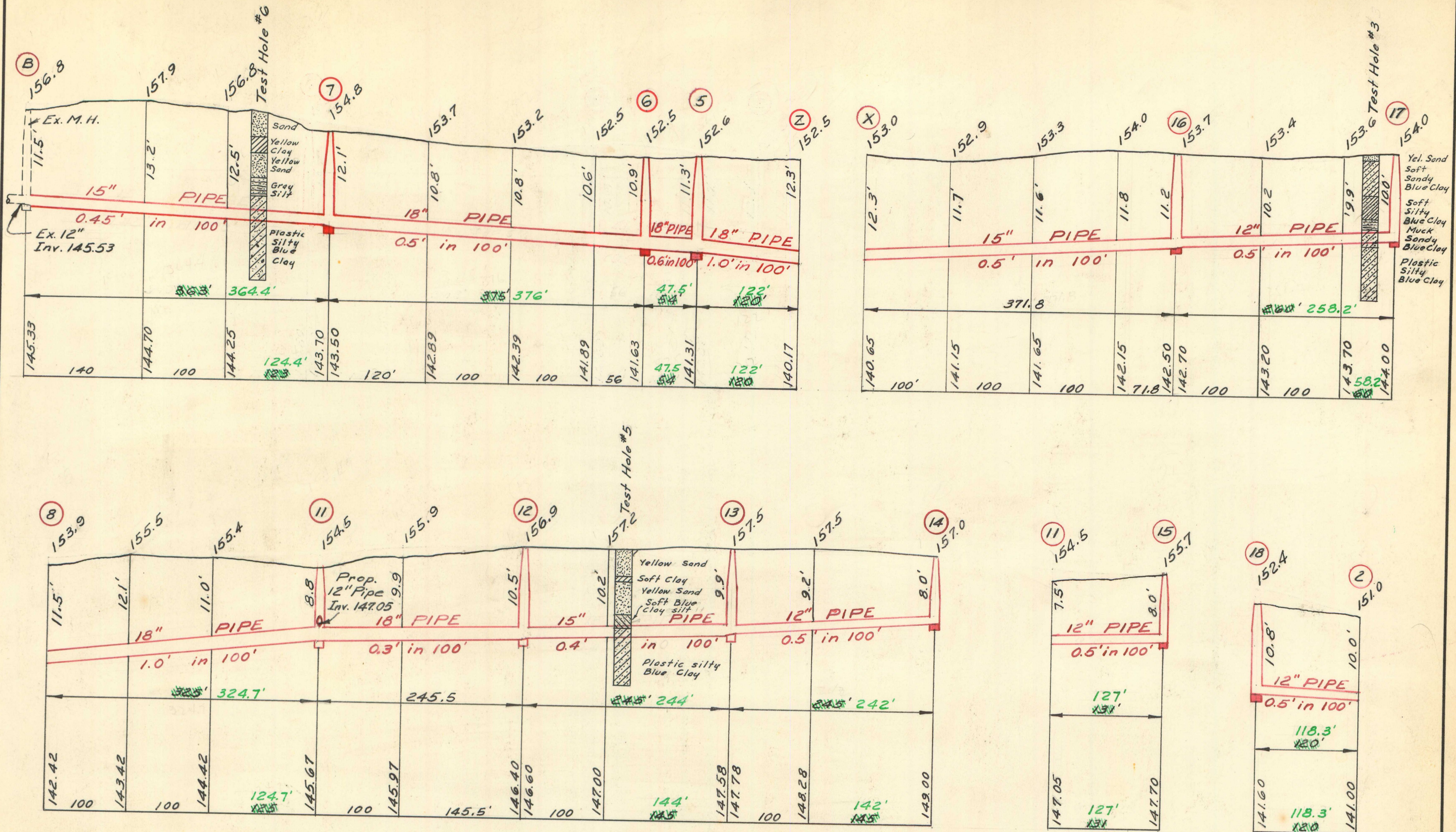


PROFILE

SCALE - VERT. 1" = 10'
HORIZ. 1" = 100'

49290

FIELD BOOK	DESIGNED BY	<i>E. F. Ziemer</i>	APPROVED	10-20-1953	DEPARTMENT OF PUBLIC WORKS CITY ENGINEER'S OFFICE DETROIT, MICHIGAN	LATERAL SEWER LAHSER - BENTLER - SEVEN MILE - VASSAR		
	DRAWN BY	<i>E. F. Ziemer</i>	SANITARY ENGINEER	<i>Clyde L. Palmer</i>		PETITION NO. 5993	DATE 6-9-53	SEWER No. 6824
	TRACED BY	<i>E. F. Ziemer</i>	ASS'T. CITY ENGINEER	<i>W. J. Thompson</i>		RESOLUTION 6-23-53	CONTRACT CONFIRMED	ROLL No. PRIVATE
	CHECKED BY	<i>J. Lepak</i>	CITY ENGINEER	<i>G. R. Thompson</i>		COMPLETED 3-11-54	PRICE	CONTRACT No.
REVISIONS		A	B		C			

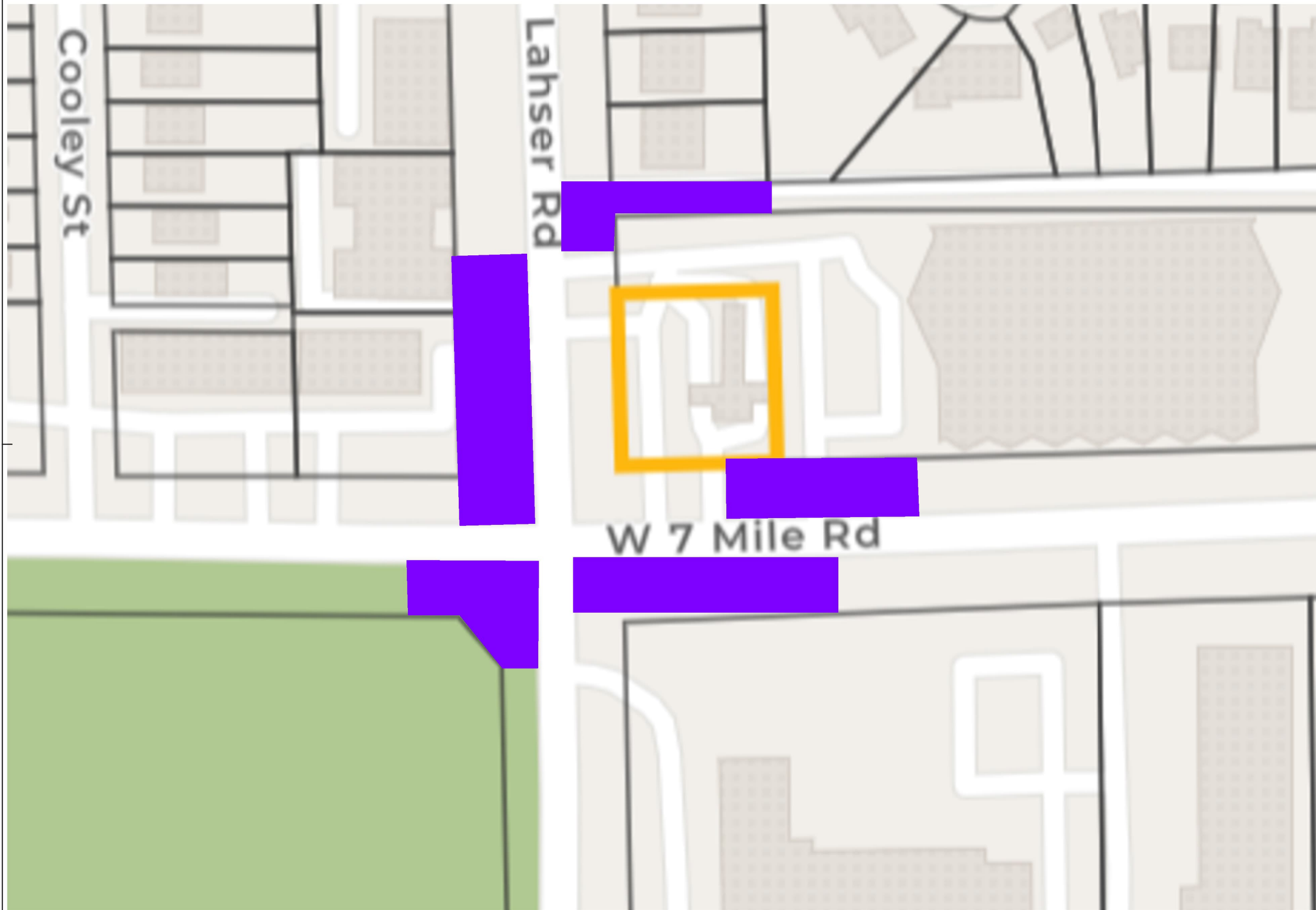


PROFILE

SCALE - VERT. 1" = 10'
HORIZ. 1" = 100'

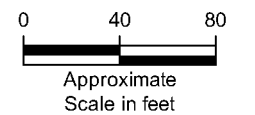
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	TRACED BY	<i>E. F. Zeimet</i>	<i>M. Magarity</i>	ASS'T. CITY ENGINEER		RESOLUTION	<i>6-23-53</i>	CONTRACT CONFIRMED		ROLL No.	<i>PRIVATE</i>
	CHECKED BY	<i>J. Kiepach</i>	<i>G. R. Thompson</i>	CITY ENGINEER		COMPLETED	<i>3-11-54</i>	PRICE		CONTRACT No.	
REVISIONS		A				B	COUNTY PERMIT NO.		STATE PERMIT NO.		

FORM C OF D 435 SH



LEGEND

= INVESTIGATION AREA



TITLE
PLAT MAP WITH INVESTIGATION AREA



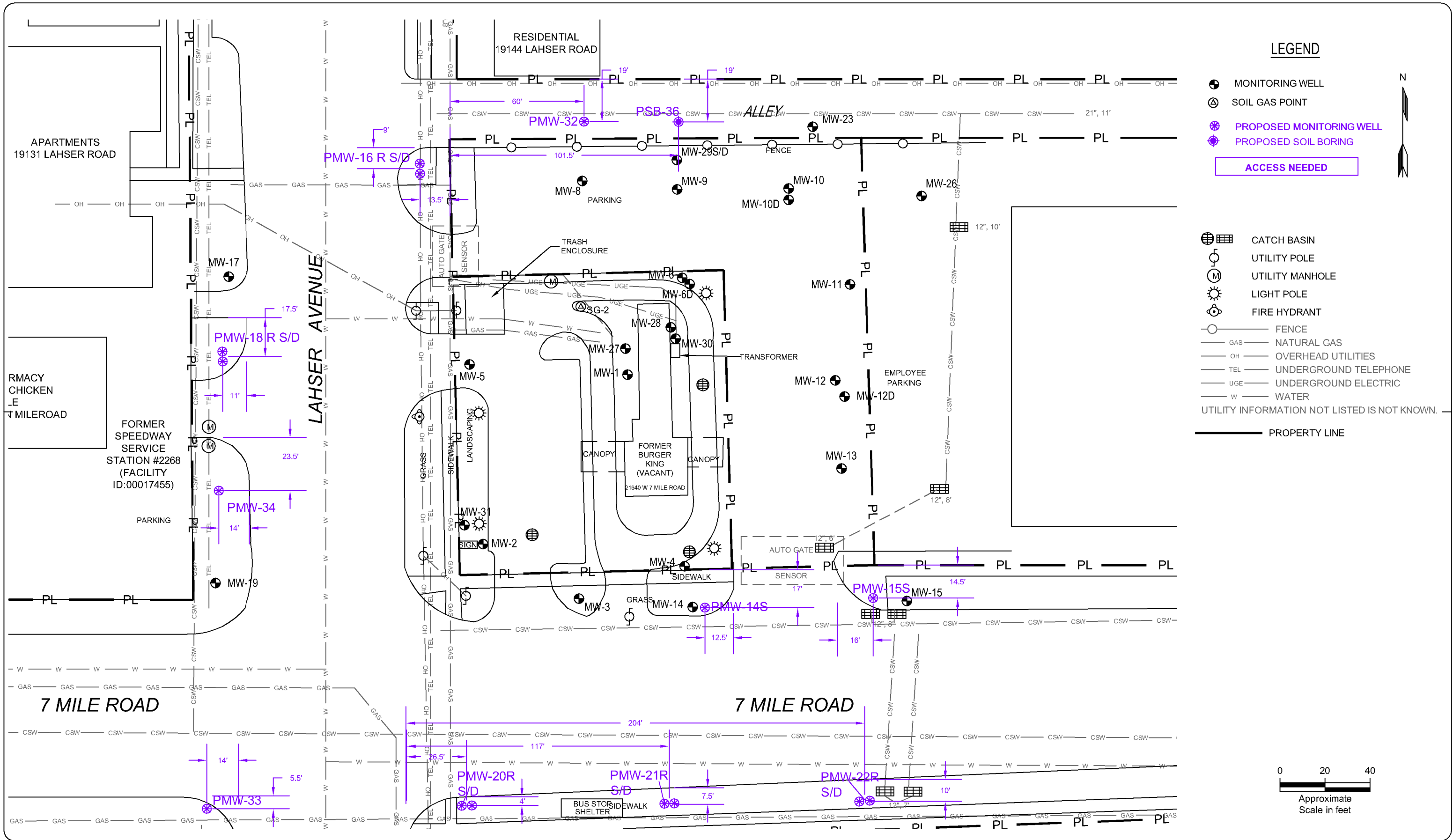
AECOM Technical Services, Inc.
Novi, Michigan, 248-204-5900

21640 W. 7 Mile Road
Detroit, Michigan 48219

NOTE: FOR INFORMATIONAL PURPOSES ONLY

NOT A PROFESSIONAL SURVEY
ALL LOCATIONS/DIMENSIONS ARE APPROXIMATE

DATE 04/15/24	JOB NO. SOPUS
DR. MT	SKETCH NO.
CK. JTB	FIG. 1



TITLE

PROPOSED SCOPE - 2024

AECOM

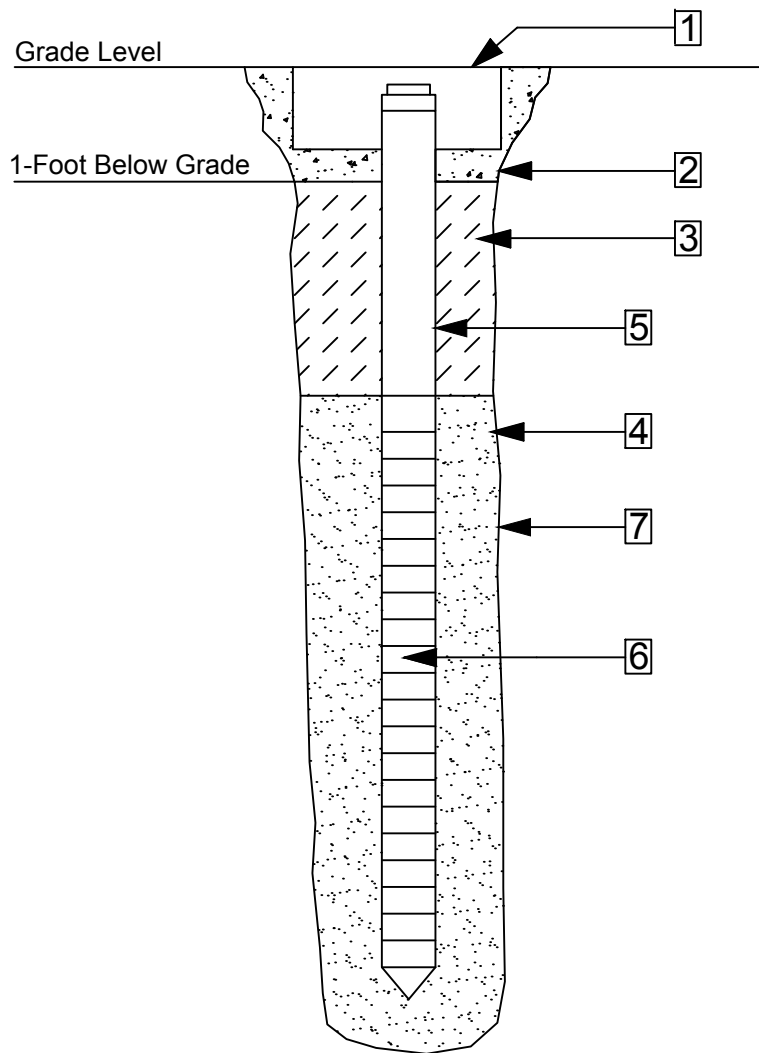
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Detroit, Michigan 48219

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DATE 12/6/23	JOB NO. SOPUS
DR. BM	SKETCH NO.
CK. JTB	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