



City of Detroit  
Inter-Departmental Communication

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**TO:** Richard Doherty, City Engineer  
City Engineering/Department of Public Works

**FROM:** Debra Singleton, Engineer  
Detroit Water and Sewerage Department

**DATE:** October 4, 2018

**RE:** Petition No. 296  
Requested Encroachment Into The East/West and North/South Alleys With  
Monitoring Wells In The Block Bound By East Eight Mile, Dequindre, Winchester,  
and Marx

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We have reviewed the above Petition received by this office. Our records indicate there are sewers in the area of encroachments. With regard to DWSD's interests, our comments are as follows:

- DWSD has no objections to the requested encroachments provided that the attached Provisions for Encroachment are strictly followed.

If you have any questions, please call me at (313) 267-8309 or Mohammed Fa Siddique at (313)-964-9245.

Sincerely,

Debra Singleton  
Engineer  
Permits

DS/MS/gl

Attachments

CC: Mohamad Farhat, CSF

Michael Duggan, Mayor

City of Detroit  
**City Engineering Division, Department of Public Works  
Survey Bureau**

**NOTICE OF PROPOSED CHANGE IN PROPERTY**

Date: 05/29/2018

Petition: x296

- |  |   |
|--|---|
| <input type="checkbox"/> AT&T Telecommunication            | <input type="checkbox"/> Berm Use               |
| <input type="checkbox"/> Comcast Television (CATV)         | <input type="checkbox"/> Conversion to Easement |
| <input type="checkbox"/> Detroit Edison (DTE)              | <input type="checkbox"/> Dedication             |
| <input type="checkbox"/> Fire Department                   | <input type="checkbox"/> Encroachment           |
| <input type="checkbox"/> Great Lakes Water Authority       | <input type="checkbox"/> Outright Vacation      |
| <input type="checkbox"/> Land Bank Authority               | <input type="checkbox"/> Temporary Closing      |
| <input type="checkbox"/> Michcon (DTE)                     |   |
| <input type="checkbox"/> Planning & Development Department |   |
| <input type="checkbox"/> Public Lighting Authority         |   |
| <input type="checkbox"/> Public Lighting Department        |   |
| <input type="checkbox"/> Police Department                 |   |
| <input type="checkbox"/> Solid Waste Division, DPW         |   |
| <input type="checkbox"/> Street Design Bureau, DPW         |   |
| <input type="checkbox"/> Street Maintenance Division, DPW  |   |
| <input type="checkbox"/> Traffic Engineering Division, DPW |   |
| <input type="checkbox"/> Water and Sewerage Department     |   |
| <input type="checkbox"/> _____                             |   |

A petition drawing is attached. Property shown on the attached print is proposed to be changed as indicated. Kindly report (using the back of this sheet) the nature of your services, if any affected by the proposed change and the estimated costs of removing and rerouting such services (if necessary).

Please return one copy to City Engineering Division, DPW within two weeks of the submittal date. Retain one copy and print for you file.

Ron Brundidge, Director, Department of Public Works

By: Richard Doherty, CED DPW  
City Engineer

**TO: City Engineering Division, DPW  
2 Woodward Ave., Suite 642  
Detroit, Michigan 48226-3462  
Survey Bureau: 313-224-3970**

**Petition: x296**

The proposed change in property (referred to on the other side of this sheet) would affect our services as follows:

- Not Involved
  
- Involved; but asking you to hold action on this petition until further notice.
  
- Involved; but no objections to the property change.
  
- Involved; objection to the property change.
  
- Involved; but no objections to the property change...provided as easement of the full width of the public right-of-way (street, alley or other public place) is reserved.
  
- Involved; the nature of our services and the estimated costs of removing and/or rerouting such services are:

\_\_\_\_\_  
(Utility or City Department)

\_\_\_\_\_  
By

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

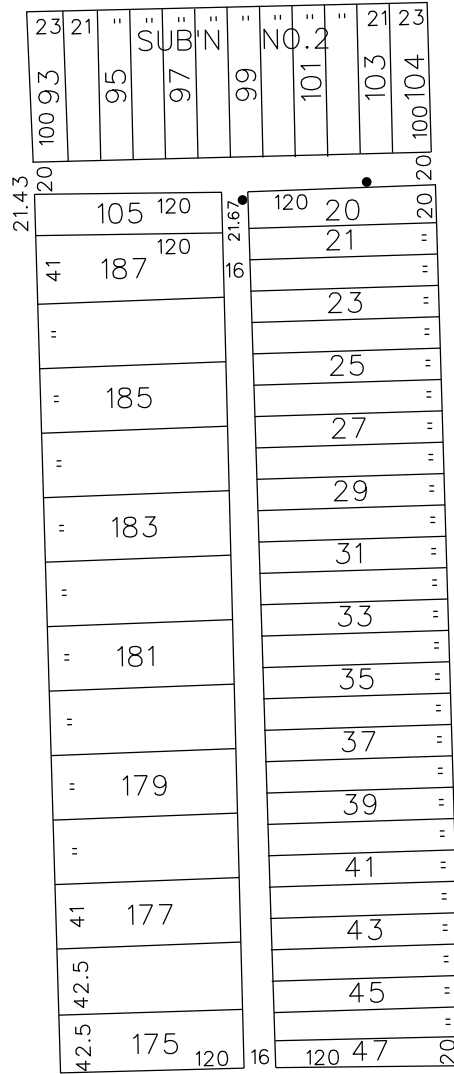
\_\_\_\_\_  
Area code – Telephone number

PETITION NO. 296  
 PM ENVIRONMENTAL  
 3340 RANGER RD.  
 LANSING, MICHIGAN 48906  
 C/O LENÁ PAPPAS  
 PHONE NO. 248 336-9988



**E. EIGHT MILE RD. 204 FT. WD.**

**MARX AVE. 75 FT. WD.**



**DEQUINDRE ST. 66 FT. WD.**

**WINCHESTER AVE. 50 FT. WD.**



- REQUEST ENCROACHMENT  
 (With Monitoring Wells)

(FOR OFFICE USE ONLY)

CARTO 37 A

B					
A					
DESCRIPTION		DRWN	CHKD	APPD	DATE
REVISIONS					
DRAWN BY	WLW	CHECKED	KSM		
DATE	05-29-18	APPROVED			

REQUEST ENCROACHMENT  
 INTO THE EAST/WEST AND NORTH/SOUTH  
 PUBLIC ALLEYS VARIOUS WIDTHS  
 IN THE BLOCK BOUND BY  
 DEQUINDRE ST., WINCHESTER, MARX AVE.  
 AND E. EIGHT MILE RD.  
 (With Monitoring Wells)

CITY OF DETROIT CITY ENGINEERING DEPARTMENT SURVEY BUREAU	
JOB NO.	01-01
DRWG. NO.	X 296



CITY OF HAZEL PARK

WEST EIGHT MILE ROAD

CITY LINE

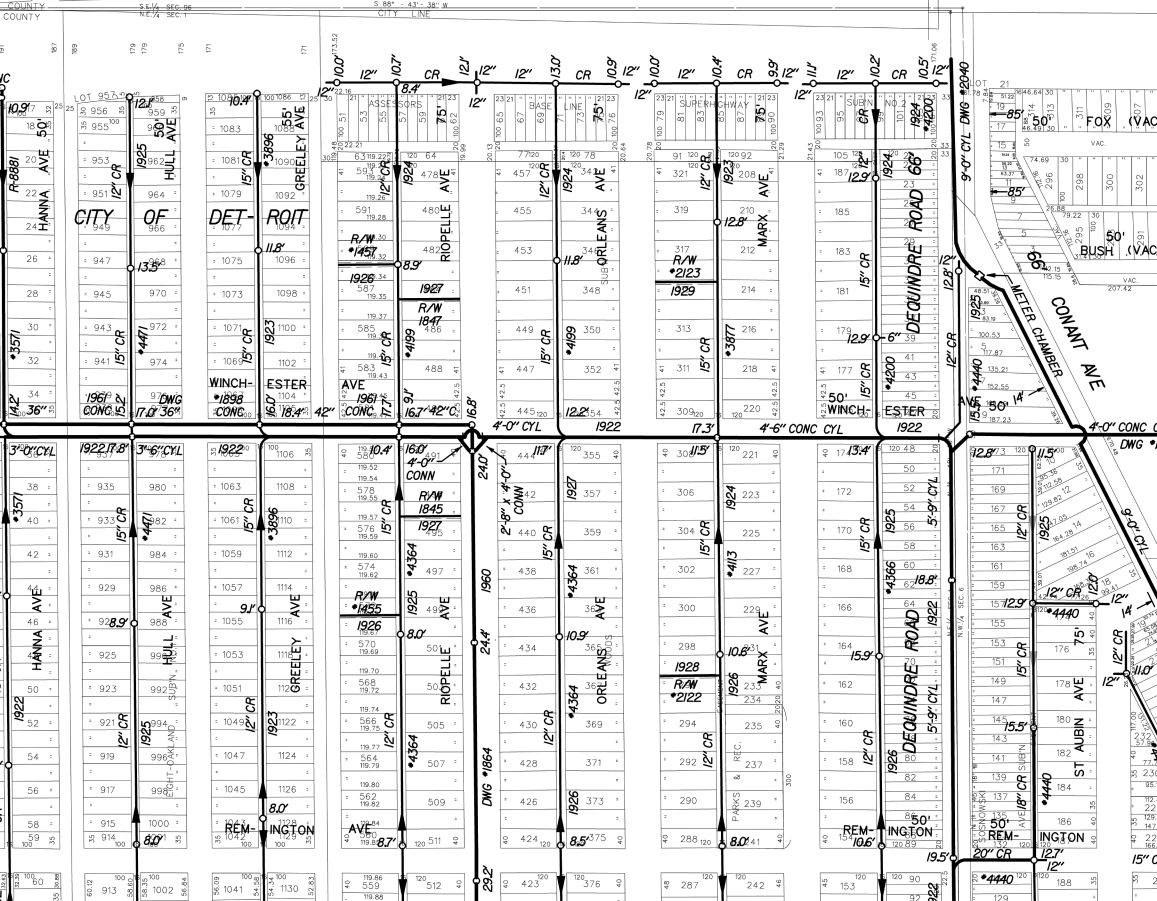
204'

120'

204'

204'

204'







**Corporate Headquarters**  
Lansing, Michigan  
3340 Ranger Road, Lansing, MI 48906  
f: 877.884.6775  
t: 517.321.3331

**Michigan Locations**  
Berkley                      Bay City  
Grand Rapids              Detroit  
Chesterfield                Lansing

April 12, 2018

The Honorable City Council  
200 Coleman A. Young Municipal Center  
Detroit, MI 48226

**RE: Request to Install One Groundwater Monitoring Well and Two Soil Gas Sampling Points Within the Alley South of 1830 East 8 Mile Road, Detroit, Wayne County, Michigan**

Dear Honorable City Council,

PM Environmental, Inc. (PM) is under contract with Barrick Enterprises, Inc. (Owner) to investigate the extent of impact resulting from an open leaking underground storage tank (LUST) gasoline release (C-0191-17) at the BP gasoline dispensing station located at 1830 East 8 Mile Road in Detroit, Wayne County, Michigan (herein referred to as the Site).

PM is requesting approval to conduct subsurface work within the alley south of 1830 East 8 Mile Road as shown in the attached Figure 1. PM will install three soil borings to a total depth of 20 feet below ground surface to collect soil samples. Should groundwater be encountered, two of the soil boring locations will be converted to permanent groundwater monitoring wells. In addition, two in-boring soil gas sampling points will be installed adjacent to the soil boring locations (Figure 1). The investigation will begin as soon as the permit has been granted and will continue until Michigan Department of Environmental Quality regulatory closure is achieved. Following closure, all well and vapor point materials will be removed from the ground and the area returned to normal conditions.

If you have any questions related to this petition, please do not hesitate to contact our office at (248) 336-9988 or via email at [pappas@pmenv.com](mailto:pappas@pmenv.com).

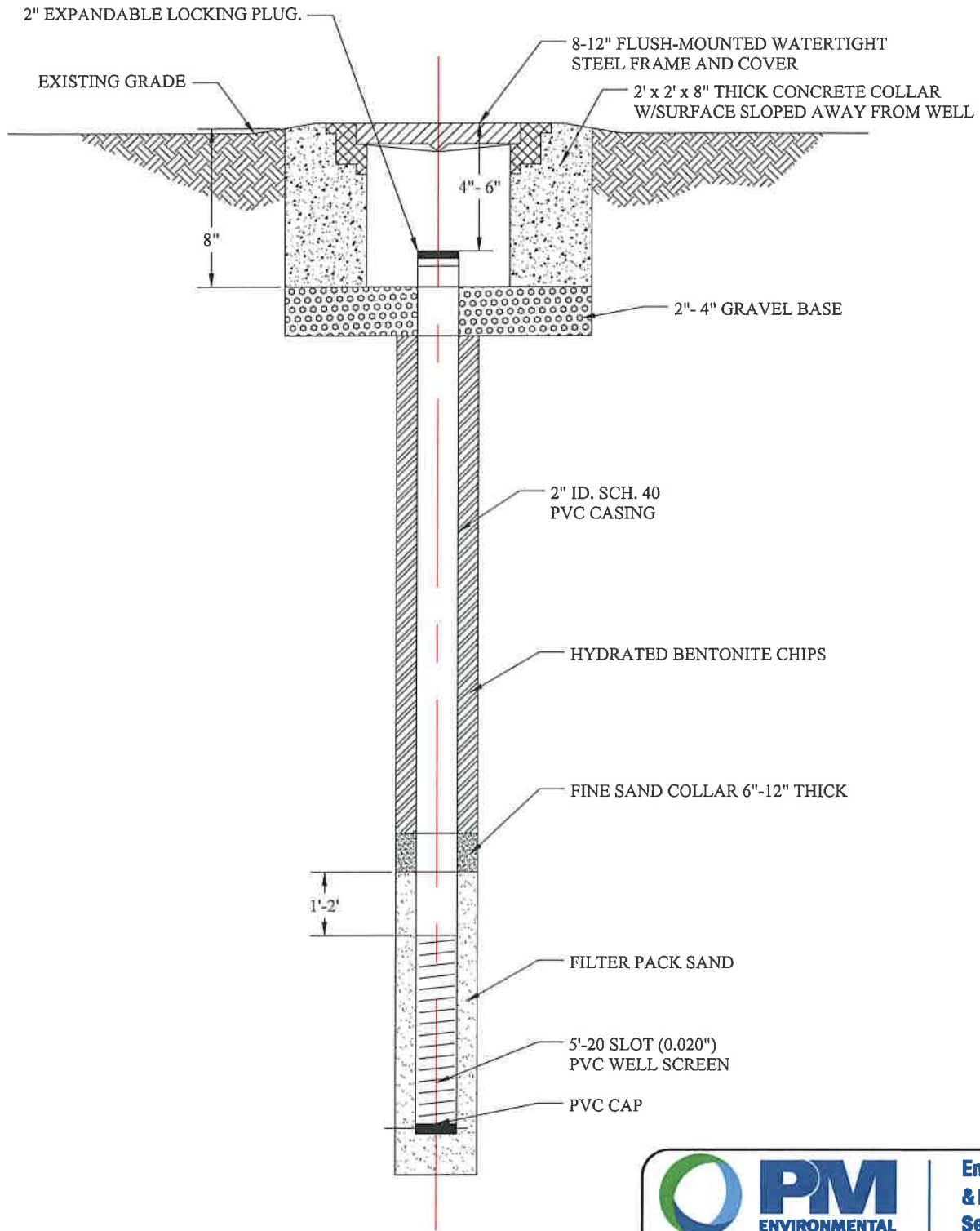
Sincerely,  
**PM Environmental, Inc.**

Lena Pappas  
Staff Geologist

Attached:

Figure 1: Proposed Soil Boring/ Permanent Monitoring Well/ Soil Gas Sample Location Map  
Typical Soil Gas Sampling Point Diagram  
Typical Monitoring Well Construction Detail





**WELL DETAIL**  
TYPICAL MONITORING WELL CONSTRUCTION  
DETAIL

PROJ: TYPICAL

THIS IS NOT A LEGAL SURVEY VERIFY SCALE 0 NTS	DRN BY: KS	DATE: 3/8/2018
	CHKD BY: SZ	SCALE: NTS
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		
FILE NAME: MONITORING WELL DETAIL		

TYPICAL SOIL GAS DIAGRAM

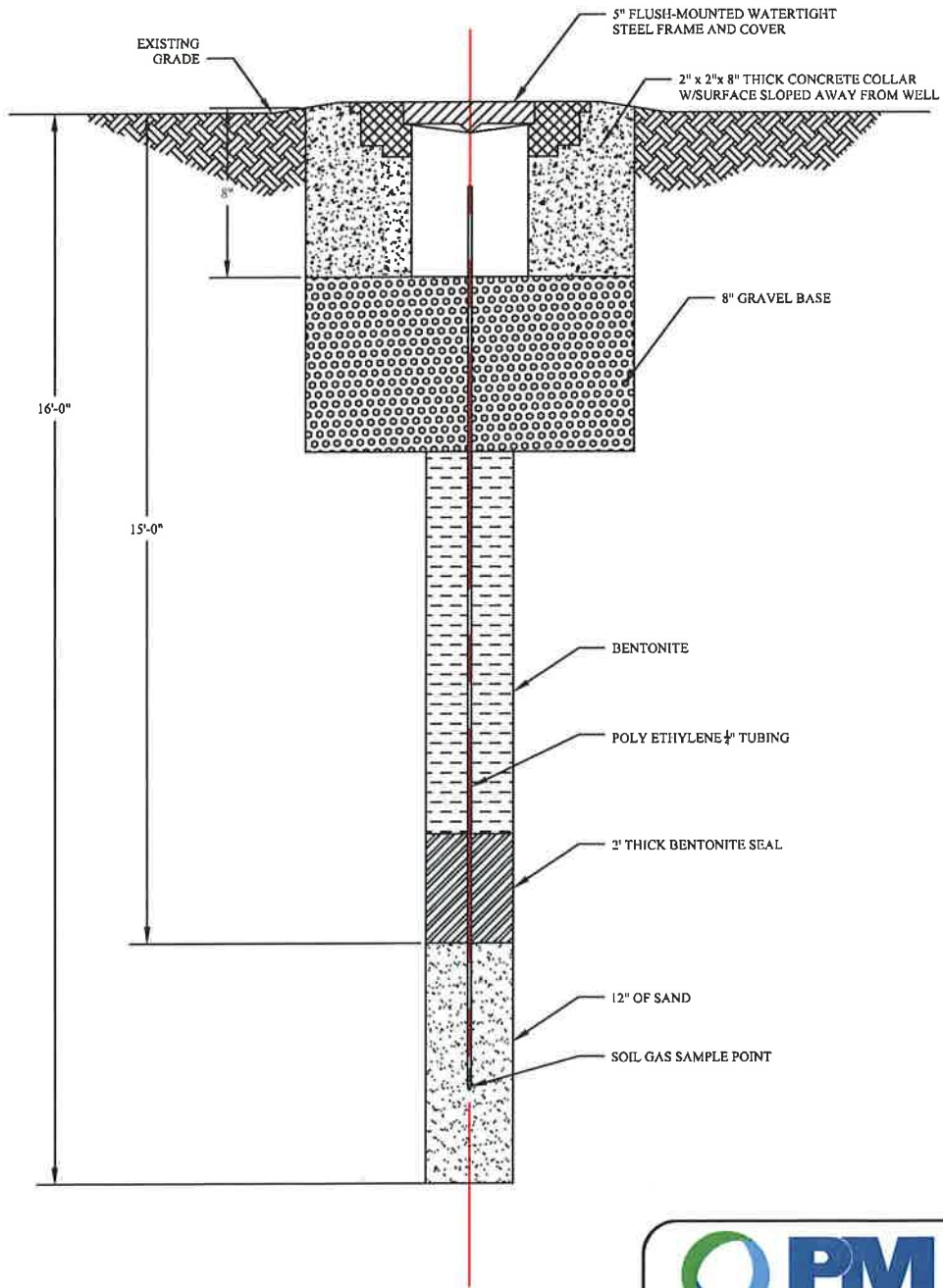
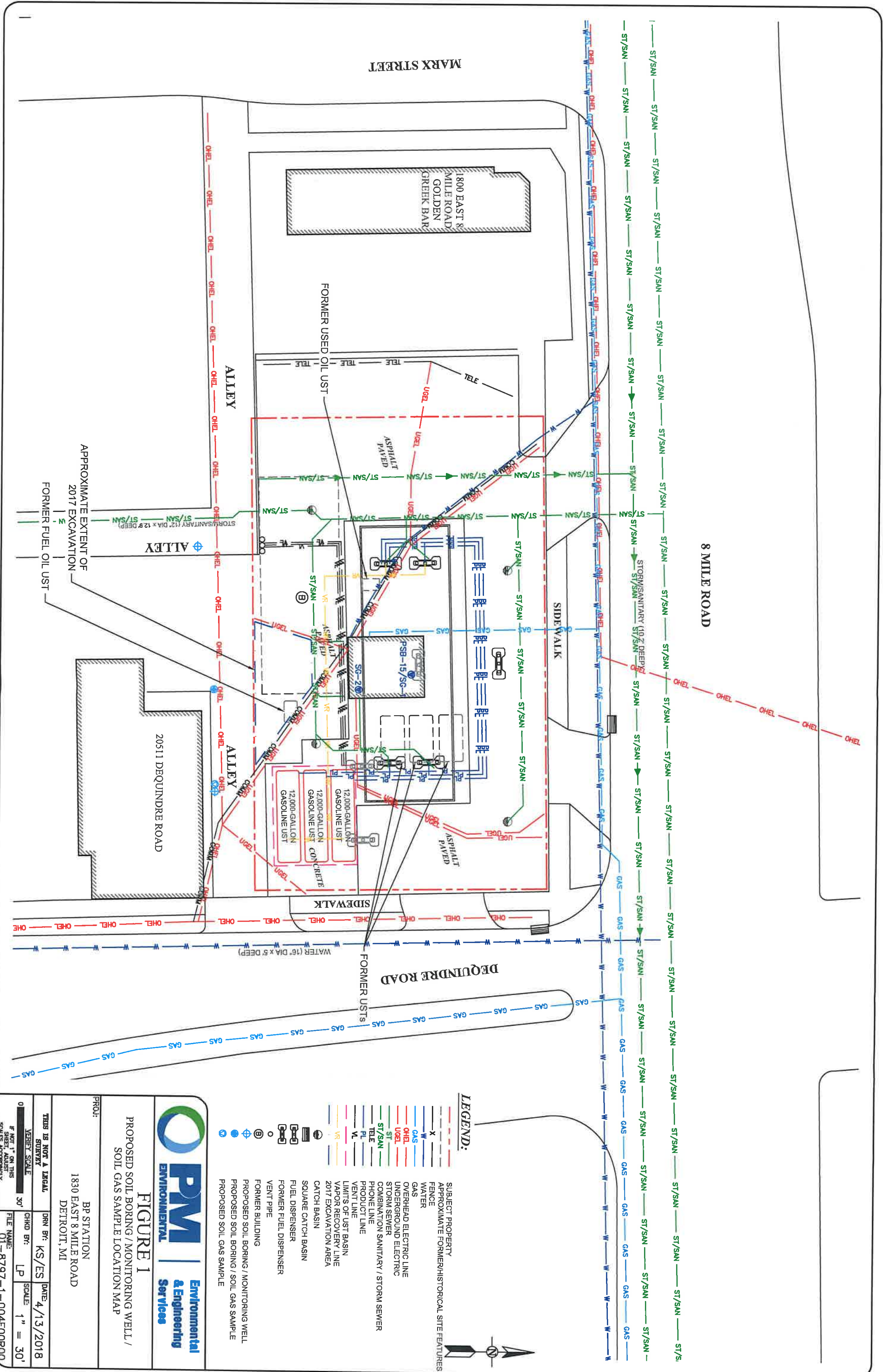


FIGURE X  
TYPICAL SOIL GAS DIAGRAM

PROJ: SOIL GAS DIAGRAM

<p><b>THIS IS NOT A LEGAL SURVEY</b></p> <p>VERIFY SCALE</p> <p>0 NTS</p> <p>IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.</p>	<p>DRN BY: CS</p>	<p>DATE: 4/12/2018</p>
	<p>CHKD BY: LP</p>	<p>SCALE: NTS</p>
<p>FILE NAME: SOIL GAS_1_17983_7856</p>		



**LEGEND:**

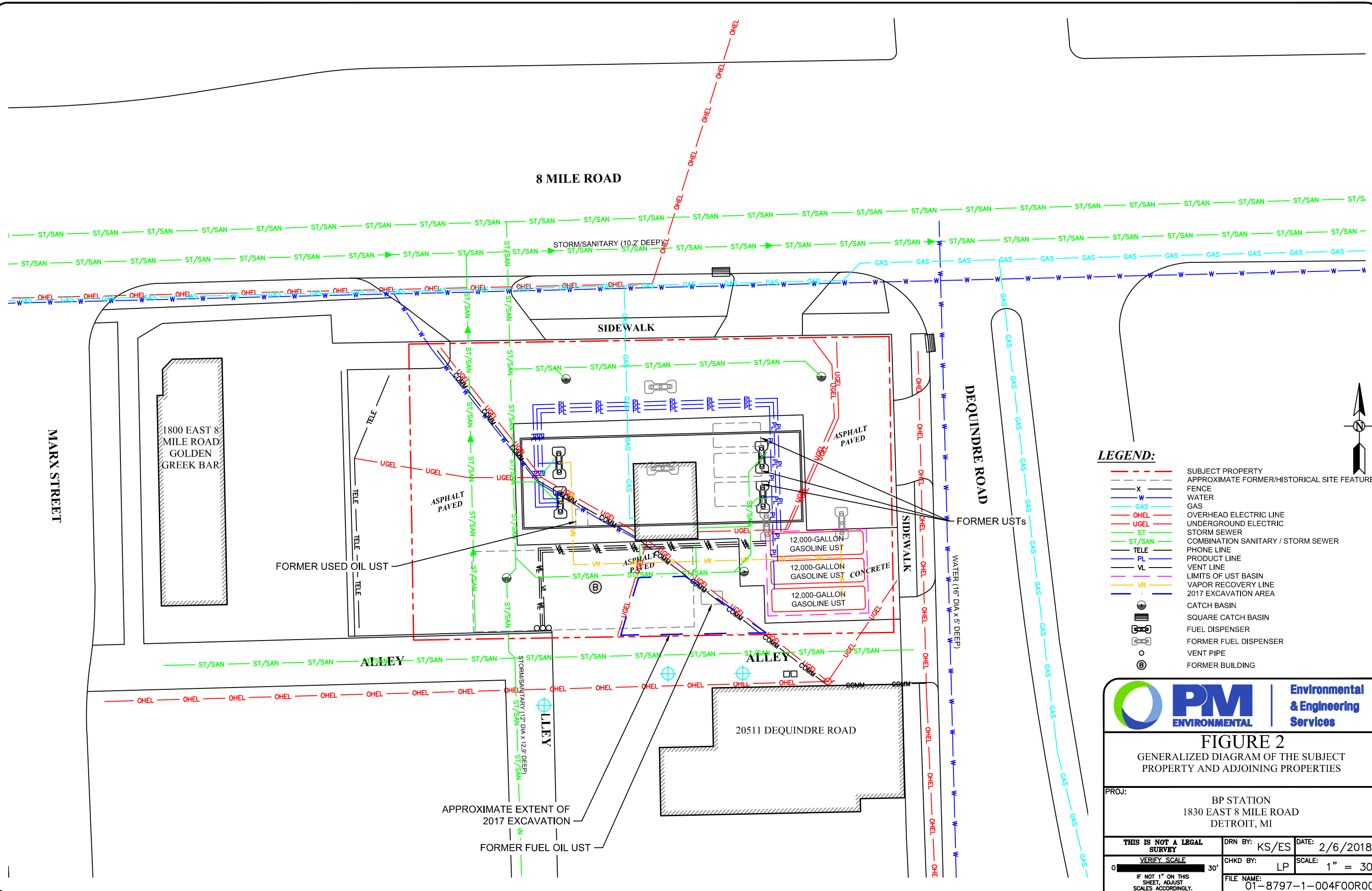
- SUBJECT PROPERTY
- - - APPROXIMATE FORMER/HISTORICAL SITE FEATURES
- - - FENCE
- - - WATER
- - - GAS
- - - OVERHEAD ELECTRIC LINE
- - - UNDERGROUND ELECTRIC
- - - STORM SEWER
- - - COMBINATION SANITARY / STORM SEWER
- - - PHONE LINE
- - - PRODUCT LINE
- - - VENT LINE
- - - LIMITS OF UST BASIN
- - - VAPOR RECOVERY LINE
- - - 2017 EXCAVATION AREA
- - - CATCH BASIN
- - - SQUARE CATCH BASIN
- - - FUEL DISPENSER
- - - FORMER FUEL DISPENSER
- - - VENT PIPE
- - - FORMER BUILDING
- - - PROPOSED SOIL BORING / MONITORING WELL
- - - PROPOSED SOIL BORING / SOIL GAS SAMPLE
- - - PROPOSED SOIL GAS SAMPLE

**FIGURE 1**  
 PROPOSED SOIL BORING / MONITORING WELL /  
 SOIL GAS SAMPLE LOCATION MAP



PROJ: BP STATION  
 1830 EAST 8 MILE ROAD  
 DETROIT, MI

THIS IS NOT A LEGAL SURVEY	DWN BY: KS/ES	DATE: 4/13/2018
VERTICAL SCALE 30'	CHD BR: LP	SCALE: 1" = 30'
FILE NAME: 01-8797-1-004F00R00		



- LEGEND:**
- SUBJECT PROPERTY
  - APPROXIMATE FORMER/HISTORICAL SITE FEATURES
  - FENCE
  - WATER
  - GAS
  - OVERHEAD ELECTRIC LINE
  - UNDERGROUND ELECTRIC
  - STORM SEWER
  - COMBINATION SANITARY / STORM SEWER
  - TELE
  - PRODUCT LINE
  - VENT LINE
  - LIMITS OF UST BASIN
  - VAPOR RECOVERY LINE
  - 2017 EXCAVATION AREA
  - CATCH BASIN
  - SQUARE CATCH BASIN
  - FUEL DISPENSER
  - FORMER FUEL DISPENSER
  - VENT PIPE
  - FORMER BUILDING



**FIGURE 2**  
GENERALIZED DIAGRAM OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

PROJ: BP STATION  
1830 EAST 8 MILE ROAD  
DETROIT, MI

THIS IS NOT A LEGAL SURVEY	DRN BY: KS/ES	DATE: 2/6/2018
VERIFY SCALE	CHKD BY: LP	SCALE: 1" = 30'
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		
FILE NAME: 01-8797-1-004F00R00		