



MEMORANDUM

To: Richard Doherty, PE, City Engineer
DPW- City Engineering Division (CED)

From: Hosam Hassaniien, PG, CPG, Environmental Specialist III
BSEED-Environmental Affairs (EA) HH

Date: 02/05/2024

Re: Public Highway Institutional Control (PHIC) Notification
Knight #316
15464 Livernois Avenue, Detroit, MI 48238
EGLE REF. NUMBER: PHIC-RRD-213-23-053
FACILITY ID NUMBER: 00005953

On behalf of Knight Enterprises, Inc., BLDI, Inc., has conducted environmental investigation, assessment, and remediation activities at the property located at 15464 Livernois Avenue, Detroit, MI 48238 (the subject property). The attached PHIC notification is being submitted to the City BSEED-EA for review as a result of a petroleum confirmed release filed with EGLE in October 2017 (REL-0251-17). Note, EGLE requires the legal entity proposing to implement the PHIC, as an alternative mechanism to site closure, to notify the local unit of government to confirm that the City of Detroit has no current plans to relocate, vacate or abandon the affected public roadways.

Based on a review of the proposed PHIC and supporting documentation, the investigative and remedial activities conducted at the subject property appear to be consistent with the rules and regulations of P.A. 451 of 1994, Part 213, Leaking Underground Storage Tanks Act, as amended; however residual petroleum contamination exceeding Part 213 Risk-Based Screening Levels, including non-aqueous phase liquid (NAPL), remain in the subsurface soil within the City of Detroit-owned and maintained roads of Livernois Avenue and John C. Lodge Service Drive north and east of the intersection of Livernois Avenue and John C. Lodge Service Drive, and Alley located along eastern boundary at 15464 Livernois Avenue, north of John C. Lodge Service Drive. As such, Knight Enterprises, Inc. has prepared the subject PHIC notification to serve as an institutional control for reliance on existence of the unaltered use of Livernois Avenue and John C. Lodge Service Drive north and east of the intersection of Livernois Avenue and John C. Lodge Service Drive, and Alley located along eastern boundary at 15464 Livernois Avenue, north of John C. Lodge Service Drive and associated rights-of-way (ROWS) as a public highway for the foreseeable future.

Based on its review, BSEED-EA recommends that DPW-CED sign off on the attached proposed PHIC form (EQP4506 (05/2020)) provided that the City has no current plans to relocate, vacate or abandon the above-listed affected public roadways. Upon signoff, please make sure the subject PHIC is filed in your record for future reference.

Michael E. Duggan, MAYOR

December 19, 2023

City of Detroit Department of Public Works
City Engineering Division
2 Woodward Avenue, Room 642
Detroit, MI 48226

RE: Public Highway Institutional Controls
Knight #316
15464 Livernois Avenue, City of Detroit, MI
Facility ID No: 00005953
EGLE Reference Number: PHIC-RRD-213-23-053

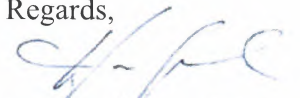
To Whom it May Concern:

An application for utilizing institutional controls for soil and groundwater corrective action is being submitted for the Knight Enterprises, Inc. Site K-316, located at 15464 Livernois Avenue, City of Detroit, Wayne County, Michigan (Site). The Site is utilized as a gasoline station with a convenience store. BLDI, LLC (BLDI) is currently retained as the environmental consultant for the Site.

The soil contamination remaining at this Site exists at concentrations that exceeds the applicable Part 213 Risk-Based Screening Levels (RBSLs) and/or Site-Specific Target Levels (SSTLs) in locations beyond the Site property boundary along and beneath the adjacent Livernois Avenue and John C. Lodge Service Drive rights-of-way (ROWs) and east adjacent Alley.

The application for institutional control includes the completed Public Highway Institutional Control form. Upon your review, you will note that the Site conditions may present an exposure risk to employees or subcontractors working within the ROWs and/or Alley. If potential construction activities would require removal of contaminated soil, the contaminated media will need to be characterized and disposed of properly, and additional precautions should be taken to prevent workers from the exposure to contaminated soil. Funding for disposal of contaminated media associated with a refined petroleum underground storage tank release and located within a public highway is available from the State of Michigan through the Michigan Underground Storage Tank Authority (MUSTA), public highway cleanup fund.

Regards,



Heidi A. Vogel, EP
Senior Project Manager

Attachment

cc: Mr. John Denton Knight Enterprises, Inc. (via email)

Corporate Office
150 Fountain Street NE
Grand Rapids, MI 49503
616.459.3737

PUBLIC HIGHWAY INSTITUTIONAL CONTROL

When environmental contamination is proposed to remain in place within a public highway owned or controlled by a county road commission or local unit of government, the "Public Highway Institutional Control" may be used to satisfy all of the requirements under Section 21310a(3)(c) of Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). In addition, the "Public Highway Institutional Control" may serve as an alternative instrument, with department approval, pursuant to Section 20121(9) of Part 201, Environmental Remediation, of the NREPA. The party proposing this Institutional Control (IC) shall submit the completed form and all attachments with a Closure Report pursuant to Part 213 or a No Further Action Report pursuant to Part 201 to the appropriate District Office. Multiple signature pages may be necessary if there is more than one authority that owns or controls the public highway. The EGLE Reference Number can be obtained by contacting the Remediation and Redevelopment Division at deq-rrd@michigan.gov, or by calling 517-284-5153.

SECTION 1. FACILITY INFORMATION:		EGLE REF. NUMBER PHIC-RRD-213-23-053	
SITE OR FACILITY NAME: Knight #316		SITE OR FACILITY ID NUMBER: 00005953	
STREET ADDRESS: 15464 Livernois Avenue			
CITY: City of Detroit		ZIP: 48238	COUNTY: Wayne
NAME OF PARTY PROPOSING PUBLIC HIGHWAY IC: Knight Enterprises, Inc.		EMAIL ADDRESS: jdenton@knightenterprisesinc.com	
STREET ADDRESS: 47705 West Road, Suite B-102		CITY: Wixom	STATE: MI ZIP: 48393
CONTACT PERSON: John Denton		PHONE: 248-478-3651	FAX: [REDACTED]
EGLE District Office: <input type="checkbox"/> Cadillac <input type="checkbox"/> Gaylord <input type="checkbox"/> Grand Rapids <input type="checkbox"/> Jackson <input type="checkbox"/> Kalamazoo <input type="checkbox"/> Lansing <input type="checkbox"/> Saginaw Bay <input checked="" type="checkbox"/> SE Michigan <input type="checkbox"/> Upper Peninsula			

SECTION 2. AFFECTED PUBLIC HIGHWAY INFORMATION:	
1. Name of affected public highway(s) and nearest intersection: Livernois Avenue and John C. Lodge Service Drive north and east of the intersection of Livernois Avenue and John C. Lodge Service Drive; and Alley located along eastern boundary at 15464 Livernois Avenue, north of John C. Lodge Service Drive	
2. Known or suspected contaminant(s) type (Check all that apply): <input checked="" type="checkbox"/> Petroleum <input checked="" type="checkbox"/> Volatile organic compounds <input type="checkbox"/> Metals <input type="checkbox"/> Other [REDACTED]	
3. Is residual/mobile nonaqueous-phase liquid present in the affected public highway: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
4. Media contaminated: a. <input checked="" type="checkbox"/> Soil Depth to contaminated soil: ~1.0 foot below ground surface b. <input type="checkbox"/> Groundwater Depth to contaminated groundwater: [REDACTED] Predominant groundwater flow direction: [REDACTED]	
5. Provide a scaled drawing of the portion of the public highway subject to the institutional control that depicts the area impacted by regulated substances and the location of utilities in the impacted area, including storm water systems and municipal separate storm water systems. At a minimum, the scaled drawing should include: a. A north arrow. b. A graphical scale bar and scale statement (e.g. 1"=50'). c. The limits of the source property plotted, to scale, showing the relationship to the county road commission or local unit of government and other affected parcels. d. The public highway(s) name identified. e. A statement identifying the Township, Range, Section, and Quarter Section where the parcel is located. f. The limits of the affected public highway plotted to scale. This area should be hatched and labeled appropriately. g. The location of significant site features such as buildings, drives, parking lots, and road surface. h. Cross section illustrating affected public highway, media, utilities, and location and depth of contaminated media. i. Most recent analytical data illustrating contaminant compounds and concentrations within the contaminated media	

6. Provide a complete list that identifies all parties with ownership and possessory or use property interests related to the public highway (including owners of real property, easement holders, utility franchise holders, and owners or operators of public utilities):

DTE Energy, City of Detroit Department of Public Works, City of Detroit Water and Sewage Department

a. Are any of the parties listed above affected by the contamination: YES NO

b. Have all of the parties above affected by the contamination received notification of the existing conditions as part of a corrective action plan or pursuant to the due care requirements: YES NO

7. Exposure risks:

a. Due to groundwater contamination (Check all that apply):

Drinking water Indoor air inhalation Surface water

b. Due to soil contamination (Check all that apply):

Direct contact Ambient air Inhalation Indoor air inhalation Leaching from soil to groundwater

Direct transport to surface water Soil excavation/relocation

Soil contamination was documented to be present in the Livernois Avenue and John C. Lodge Service Drive rights-of-way (ROWs) and the Alley located along the eastern boundary at the Site, resulting from a confirmed release of gasoline from the underground storage tank (UST) system that occurred in October 2017 (C-0251-17). Risks due to the soil contamination include soil excavation/relocation and volatilization to indoor air inhalation. Although the detected concentrations of soil contamination also exceed their applicable indoor air inhalation criteria, no buildings are present within the ROWs or Alley; therefore, there is no current risk via this pathway. The soil in the ROWs and Alley is assumed to contain concentrations of residual non-aqueous phase liquid (NAPL) based on detections of gasoline range organics (GRO) and/or contaminants of concern (COCs) in soil samples collected from locations adjoining to and/or within the ROWs and Alley. Any soil excavation deeper than 1.0 foot below ground surface may encounter contaminated soils. Any contaminated soil encountered should be handled and disposed of properly. Workers should be notified about the potential risks associated with encountering contaminated soils.

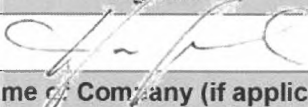
SECTION 3. STORM SEWER SYSTEM CERTIFICATION:

Is contamination present in or does the contamination have the potential to enter the storm sewer system (including separate storm sewer systems and combined sewers) as a result of the release from the underground storage tank system: YES NO

If yes, please provide information below and attach any drawings, tables, etc. that clearly identifies the nature and extent of the contamination that enters or has the potential to enter the storm sewer system.

SECTION 4. SUBMITTER INFORMATION:

I, as the submitter identified in Section 1, or the qualified consultant authorized to complete this document on the submitter's behalf, hereby attest to the accuracy of the statements in this document and all attachments, and have provided this document to the county road commission or local unit of government.

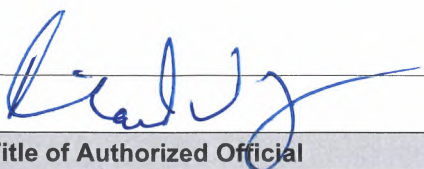
Signature	Print	Date
	Heidi A. Vogel, EP	12/19/2023
Name of Company (if applicable)	Address, City, State, Zip	
BLDI, LLC	150 Fountain St NE, Grand Rapids, MI 49503	
Phone Number	Fax Number	Email Address
616-459-3737	616-459-5357	hvogel@bldi.com

SECTION 5. COUNTY ROAD COMMISSION OR LOCAL UNIT OF GOVERNMENT CONFIRMATION:

Name of county road commission or local unit of government: City of Detroit Department of Public Works

The aforementioned **City of Detroit Department of Public Works** hereby confirms that there are no current plans to relocate, vacate, or abandon the public highway. With my signature below, I certify that I am legally authorized to sign on behalf of **City of Detroit Department of Public Works**.

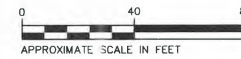
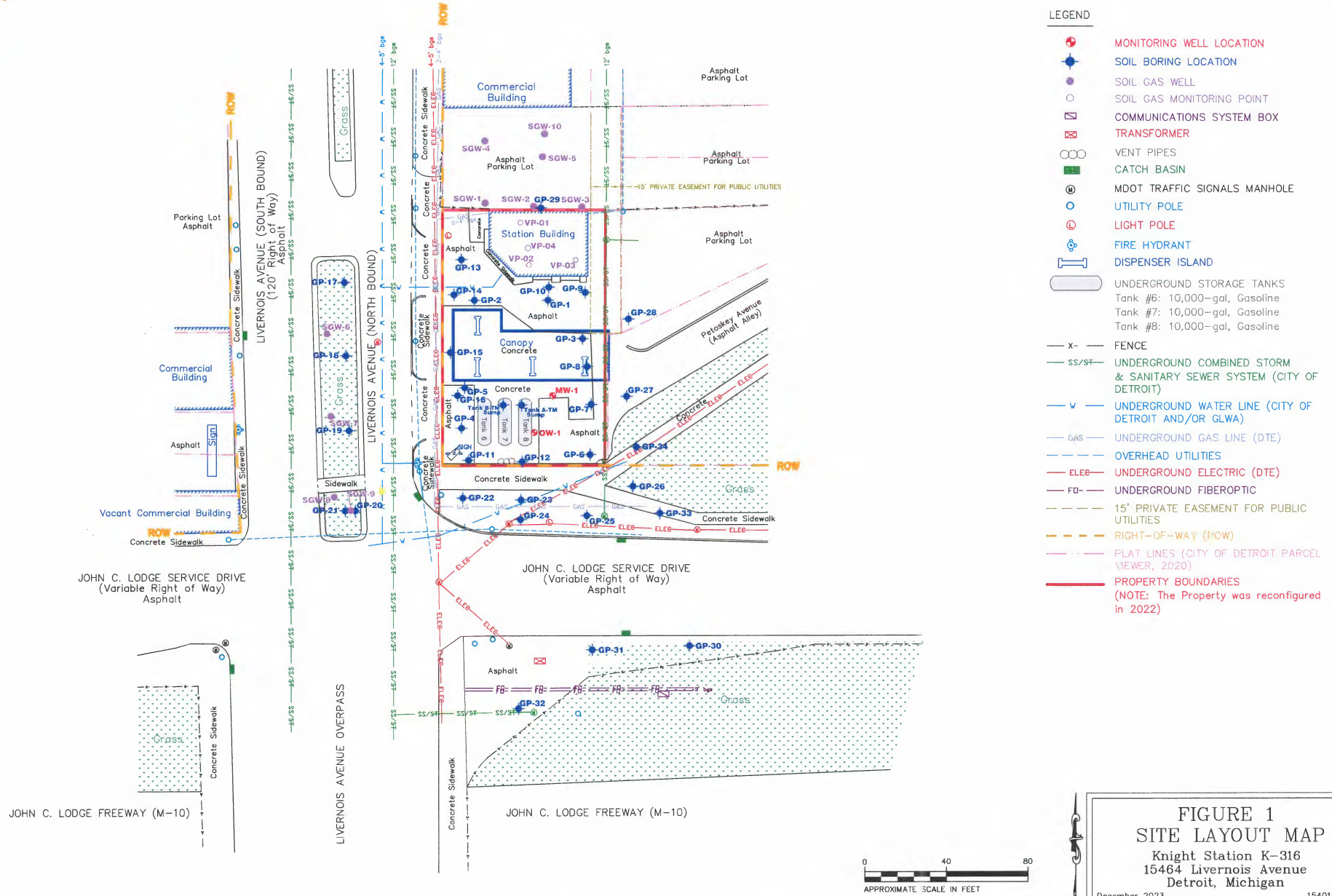
Signature of Authorized Official	Print Authorized Official
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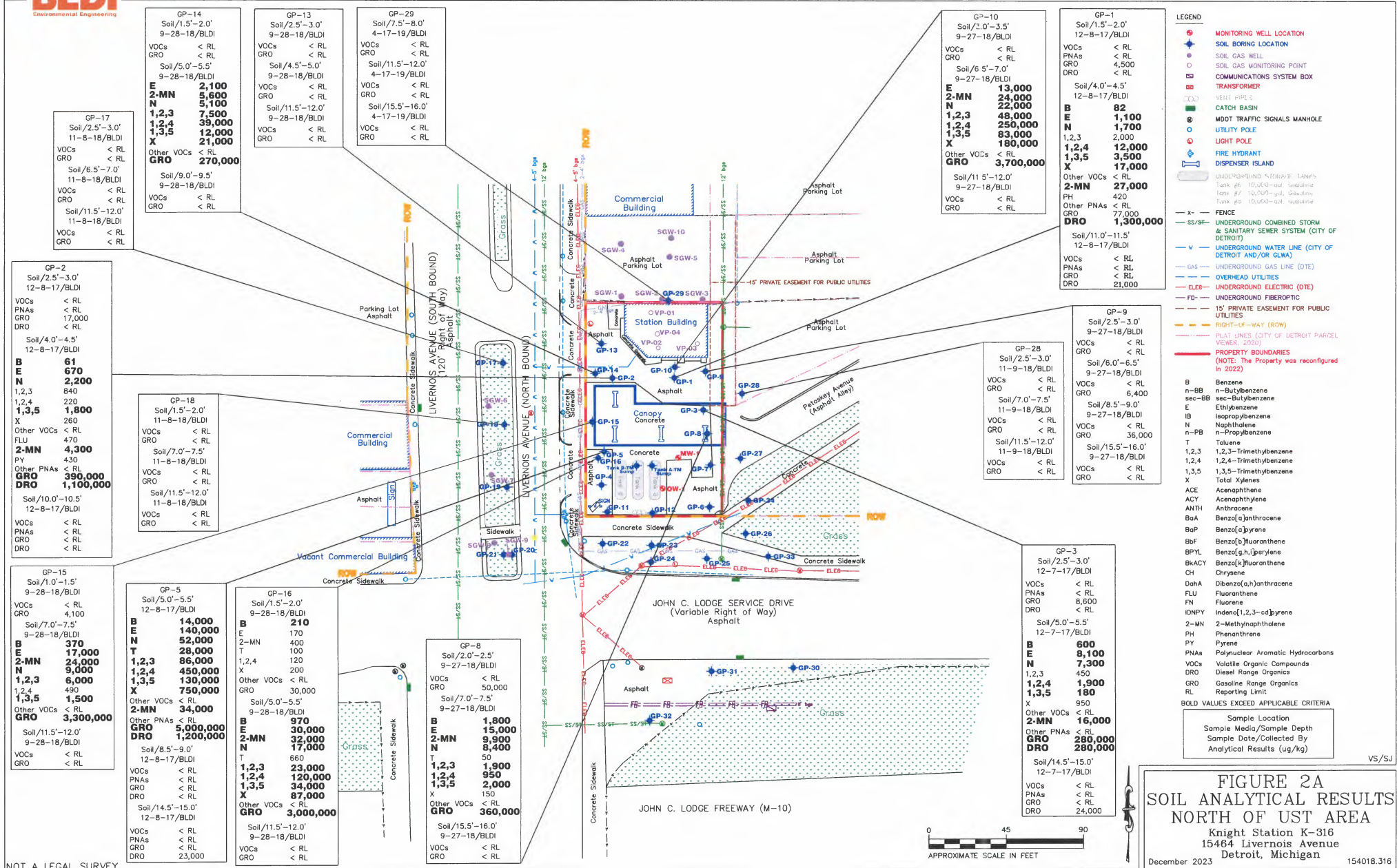
		2-7-2024
Title of Authorized Official		Date
City Engineer		Richard Doherty
Name of county road commission or local unit of government		Address, City, State, Zip
Phone Number	Fax Number	Email Address

FIGURES

BLDI

Public Highway Institutional Control





- LEGEND**
- MONITORING WELL LOCATION
 - SOIL BORING LOCATION
 - ⊕ SOIL GAS WELL
 - SOIL GAS MONITORING POINT
 - ⊠ COMMUNICATIONS SYSTEM BOX
 - ⊞ TRANSFORMER
 - VENT PIPE
 - ⊞ CATCH BASIN
 - ⊕ MDT TRAFFIC SIGNALS MANHOLE
 - UTILITY POLE
 - LIGHT POLE
 - ⊕ FIRE HYDRANT
 - ⊞ DISPENSER ISLAND
 - UNDERGROUND WATER LINE (CITY OF DETROIT)
 - UNDERGROUND GAS LINE (DTE)
 - OVERHEAD UTILITIES
 - UNDERGROUND ELECTRIC (DTE)
 - UNDERGROUND FIBEROPTIC
 - 15' PRIVATE EASEMENT FOR PUBLIC UTILITIES
 - RIGHT-OF-WAY (ROW)
 - PLAT LINES (CITY OF DETROIT PARCEL VIEWER, 2020)
 - PROPERTY BOUNDARIES (NOTE: The Property was reconfigured in 2022)

- B** Benzene
n-BB n-Butylbenzene
sec-BB sec-Butylbenzene
E Ethylbenzene
IB Isopropylbenzene
N Naphthalene
n-PB n-Propylbenzene
T Toluene
1,2,3 1,2,3-Trimethylbenzene
1,2,4 1,2,4-Trimethylbenzene
1,3,5 1,3,5-Trimethylbenzene
X Total Xylenes
ACE Acenaphthene
ACY Acenaphthylene
ANTH Anthracene
BaA Benzo(a)anthracene
BaP Benzo(a)pyrene
BbF Benzo(b)fluoranthene
BbFL Benzo(b)fluoranthene
BkACy Benzo(k)fluoranthene
CH Chrysene
DahA Dibenz(a,h)anthracene
FLU Fluoranthene
FN Fluorene
IDNPY Indeno(1,2,3-cd)pyrene
2-MN 2-Methylnaphthalene
PH Phenanthrene
PY Pyrene
PNAAs Polynuclear Aromatic Hydrocarbons
VOCs Volatile Organic Compounds
DRO Diesel Range Organics
GRO Gasoline Range Organics
RL Reporting Limit
- BOLD VALUES EXCEED APPLICABLE CRITERIA**
- Sample Location
Sample Media/Sample Depth
Sample Date/Collected By
Analytical Results (ug/kg)

NOT A LEGAL SURVEY

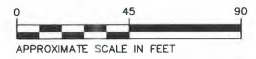


FIGURE 2A
SOIL ANALYTICAL RESULTS
NORTH OF UST AREA
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan
December 2023 154018.316

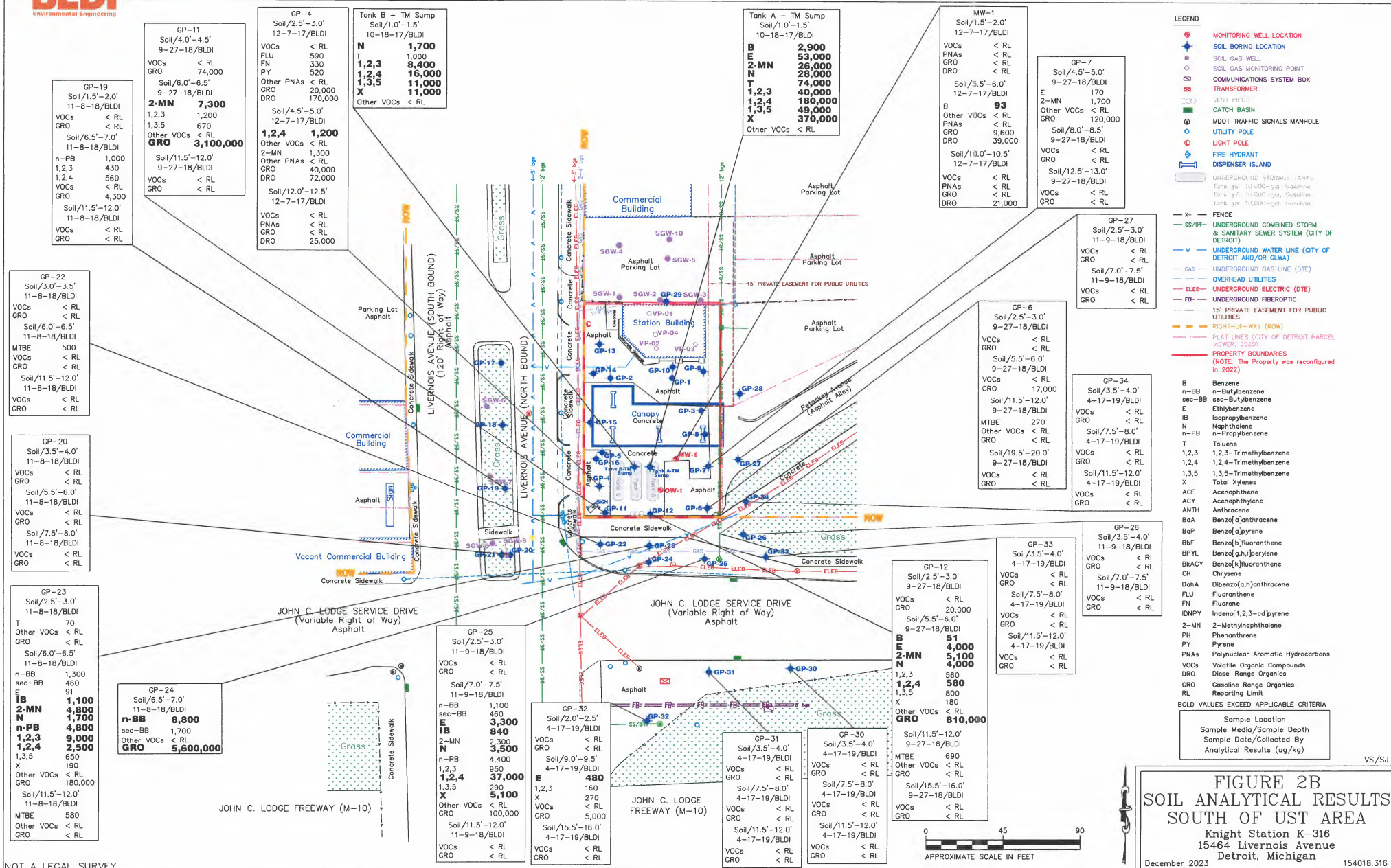
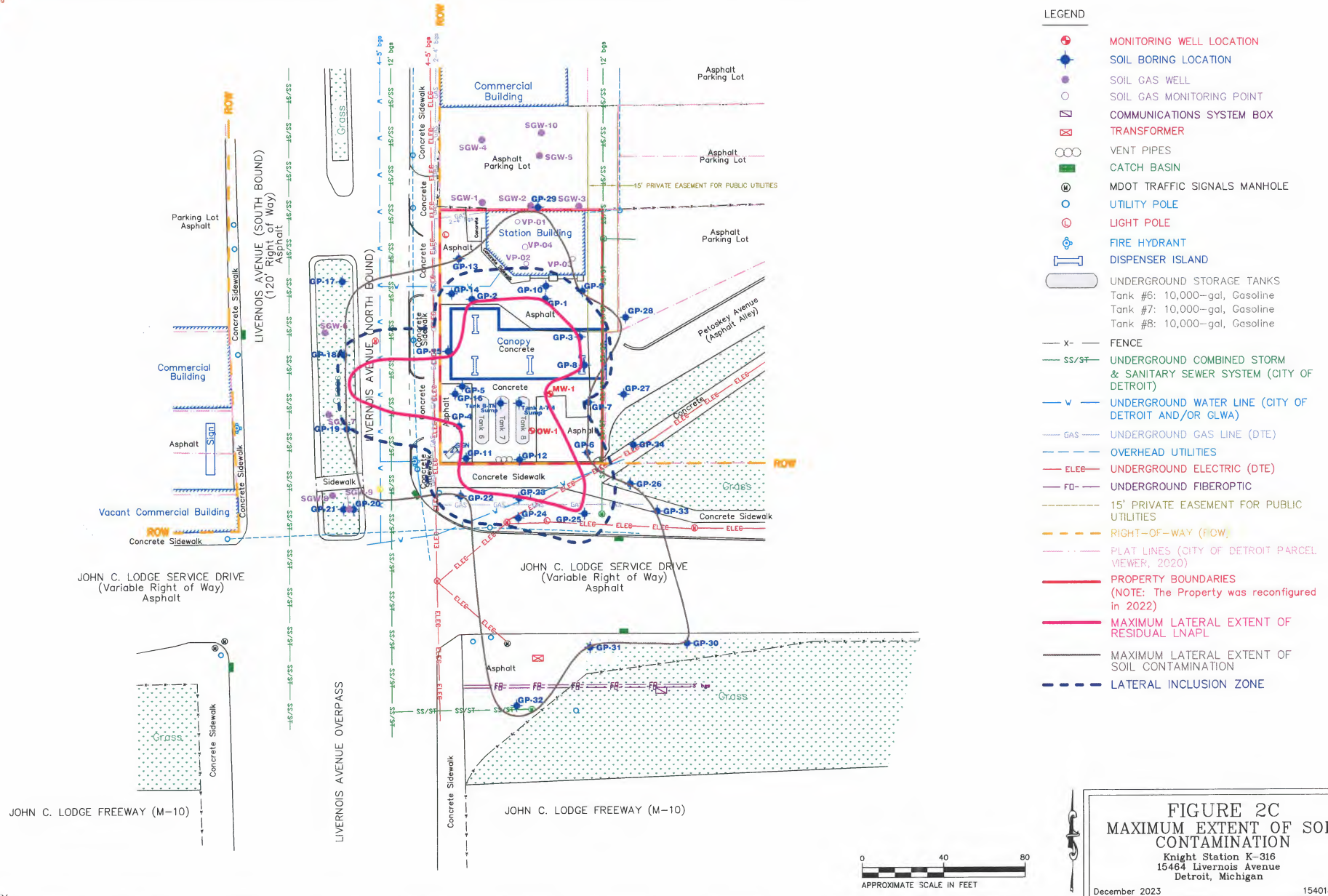
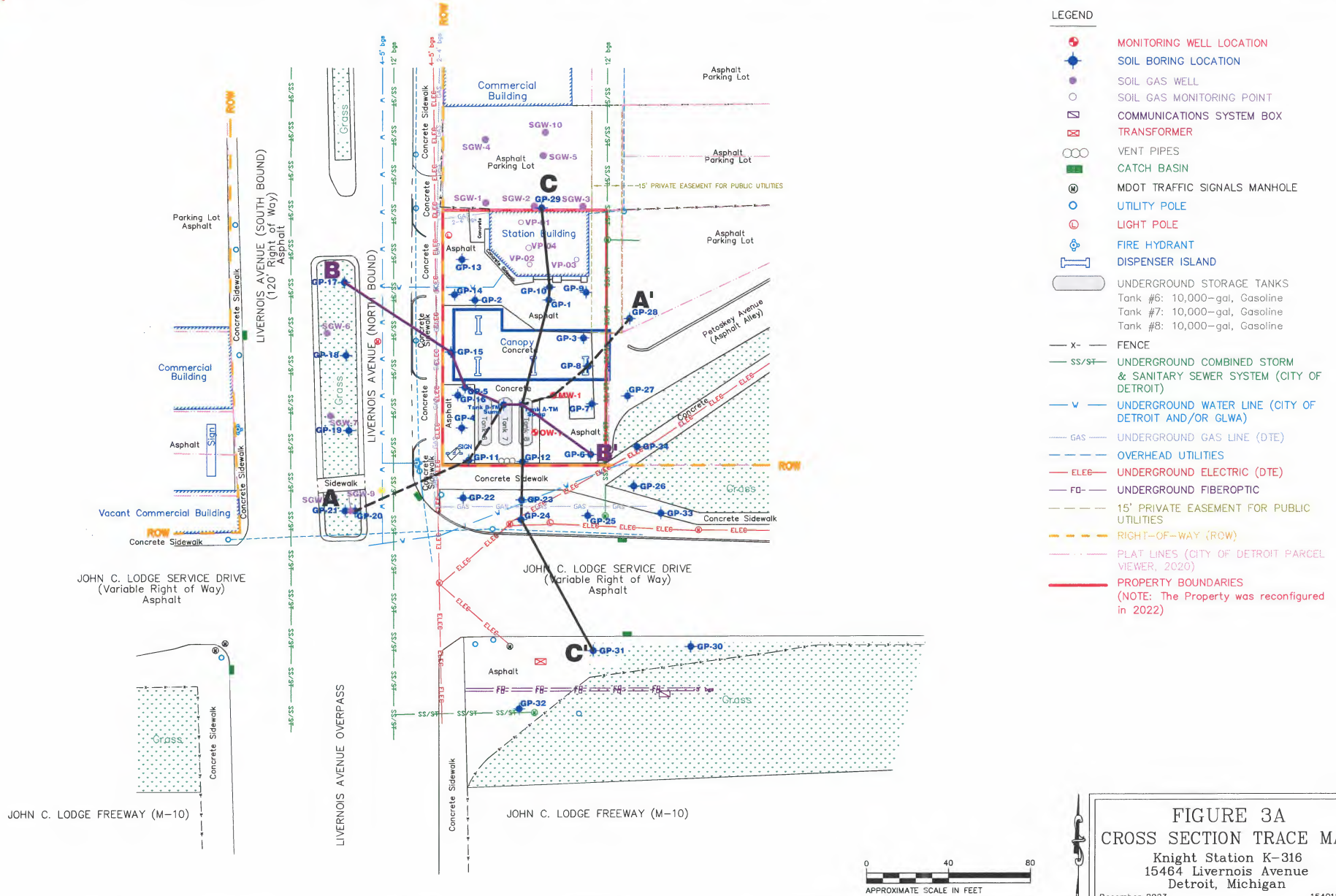


FIGURE 2B
SOIL ANALYTICAL RESULTS
SOUTH OF UST AREA
Knight Station K-316
15464 Livornois Avenue
Detroit, Michigan

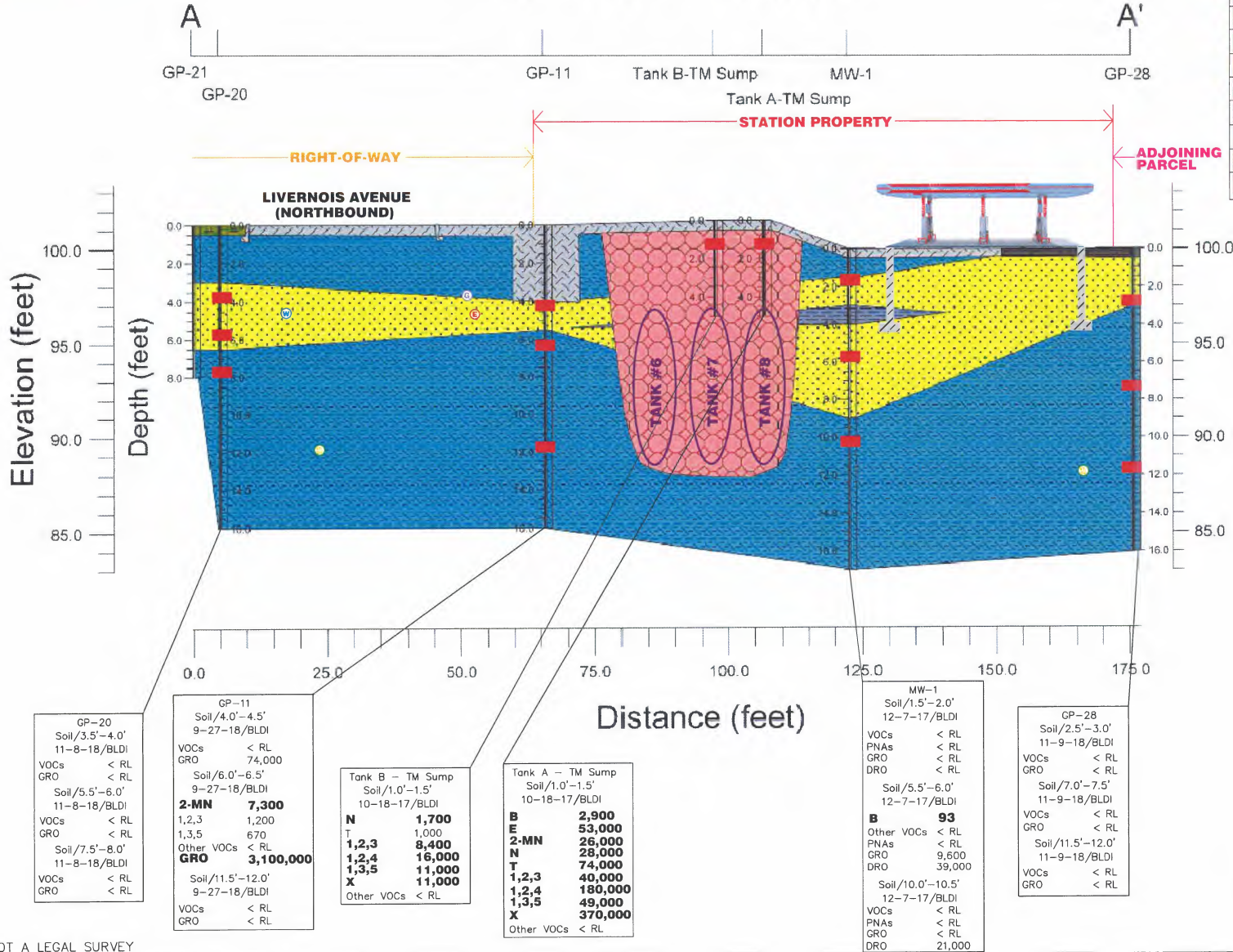


- LEGEND**
- ⊕ MONITORING WELL LOCATION
 - ⊕ SOIL BORING LOCATION
 - SOIL GAS WELL
 - SOIL GAS MONITORING POINT
 - COMMUNICATIONS SYSTEM BOX
 - TRANSFORMER
 - VENT PIPES
 - CATCH BASIN
 - MDTOT TRAFFIC SIGNALS MANHOLE
 - UTILITY POLE
 - LIGHT POLE
 - FIRE HYDRANT
 - DISPENSER ISLAND
 - UNDERGROUND STORAGE TANKS
Tank #6: 10,000-gal, Gasoline
Tank #7: 10,000-gal, Gasoline
Tank #8: 10,000-gal, Gasoline
 - x — FENCE
 - SS/ST — UNDERGROUND COMBINED STORM & SANITARY SEWER SYSTEM (CITY OF DETROIT)
 - v — UNDERGROUND WATER LINE (CITY OF DETROIT AND/OR GLWA)
 - GAS — UNDERGROUND GAS LINE (DTE)
 - — OVERHEAD UTILITIES
 - ELEE — UNDERGROUND ELECTRIC (DTE)
 - FB — UNDERGROUND FIBEROPTIC
 - — 15' PRIVATE EASEMENT FOR PUBLIC UTILITIES
 - — RIGHT-OF-WAY (ROW)
 - — PLAT LINES (CITY OF DETROIT PARCEL VIEWER, 2020)
 - — PROPERTY BOUNDARIES
(NOTE: The Property was reconfigured in 2022)
 - — MAXIMUM LATERAL EXTENT OF RESIDUAL LNAPL
 - — MAXIMUM LATERAL EXTENT OF SOIL CONTAMINATION
 - — LATERAL INCLUSION ZONE

FIGURE 2C
MAXIMUM EXTENT OF SOIL CONTAMINATION
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan
December 2023 154018.316



Cross-Section A-A'



Soil / Media Index	
[Pattern]	Clay, Silty Clay, Sandy Clay
[Pattern]	Clay Loam, Silty Clay Loam, Sandy Clay Loam
[Pattern]	Silt; Silt Loam; Loam
[Pattern]	Sandy Loam
[Pattern]	Sand, Loamy Sand
[Pattern]	Gravel
[Pattern]	Asphalt
[Pattern]	Concrete
[Pattern]	Topsoil/Grass
[Pattern]	UST Backfill

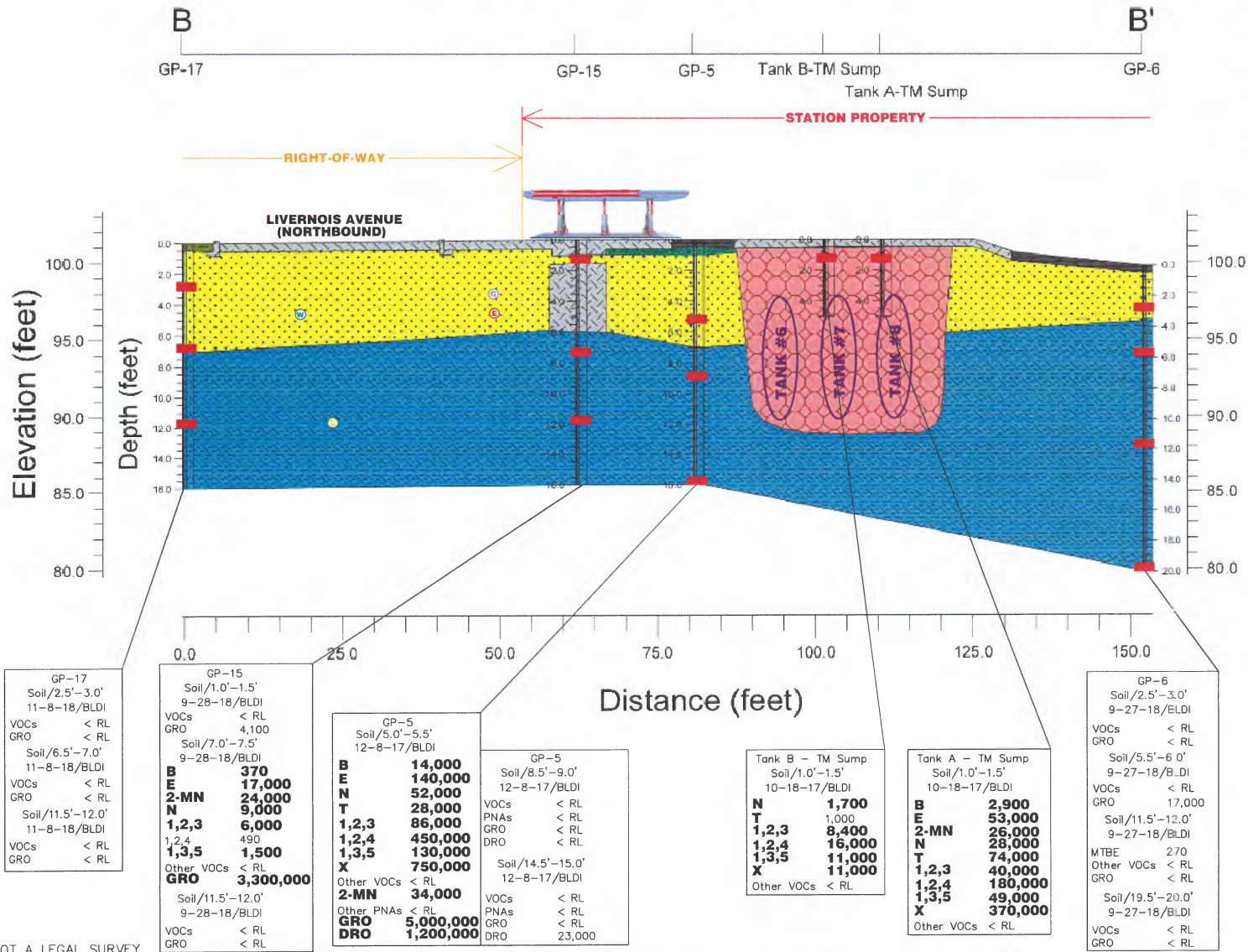
LEGEND	
[Red Box]	SOIL SAMPLE INTERVAL
[Red Box]	USTs
[Red Box]	TANK 6: 10,000-GAL, GASOLINE
[Red Box]	TANK 7: 10,000-GAL, GASOLINE
[Red Box]	TANK 8: 10,000-GAL, GASOLINE
[Red Box]	COMBINED UNDERGROUND SANITARY/ STORM SEWER LINE
[Blue Circle]	UNDERGROUND ELECTRIC LINE
[Blue Circle]	UNDERGROUND WATER LINE
[Blue Circle]	UNDERGROUND GAS LINE
[B]	Benzene
[E]	Ethylbenzene
[N]	Naphthalene
[T]	Toluene
[1,2,3]	1,2,3-Trimethylbenzene
[1,2,4]	1,2,4-Trimethylbenzene
[1,3,5]	1,3,5-Trimethylbenzene
[X]	Total Xylenes
[ACE]	Acenaphthene
[ACY]	Acenaphthylene
[ANTH]	Anthracene
[BaA]	Benzo[a]anthracene
[BaP]	Benzo[a]pyrene
[BbF]	Benzo[b]fluoranthene
[BPYL]	Benzo[g,h,i]perylene
[BkACY]	Benzo[k]fluoranthene
[CH]	Chrysene
[DahA]	Dibenzo(a,h)anthracene
[FLU]	Fluoranthene
[FLU]	Fluorene
[IDNPY]	Indeno[1,2,3-cd]pyrene
[2-MN]	2-Methylnaphthalene
[PH]	Phenanthrene
[PY]	Pyrene
[PNAs]	Polynuclear Aromatic Hydrocarbons
[VOCs]	Volatile Organic Compounds
[DRO]	Diesel Range Organics
[GRO]	Gasoline Range Organics
[RL]	Reporting Limit

BOLD VALUES EXCEED APPLICABLE CRITERIA	
Sample Location	
Sample Media/Sample Depth	
Sample Date/Collected By	
Analytical Results (ug/kg)	

FIGURE 3B
CROSS SECTION A-A'
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan
November 2023 154018.316

NOT A LEGAL SURVEY

Cross-Section B-B'



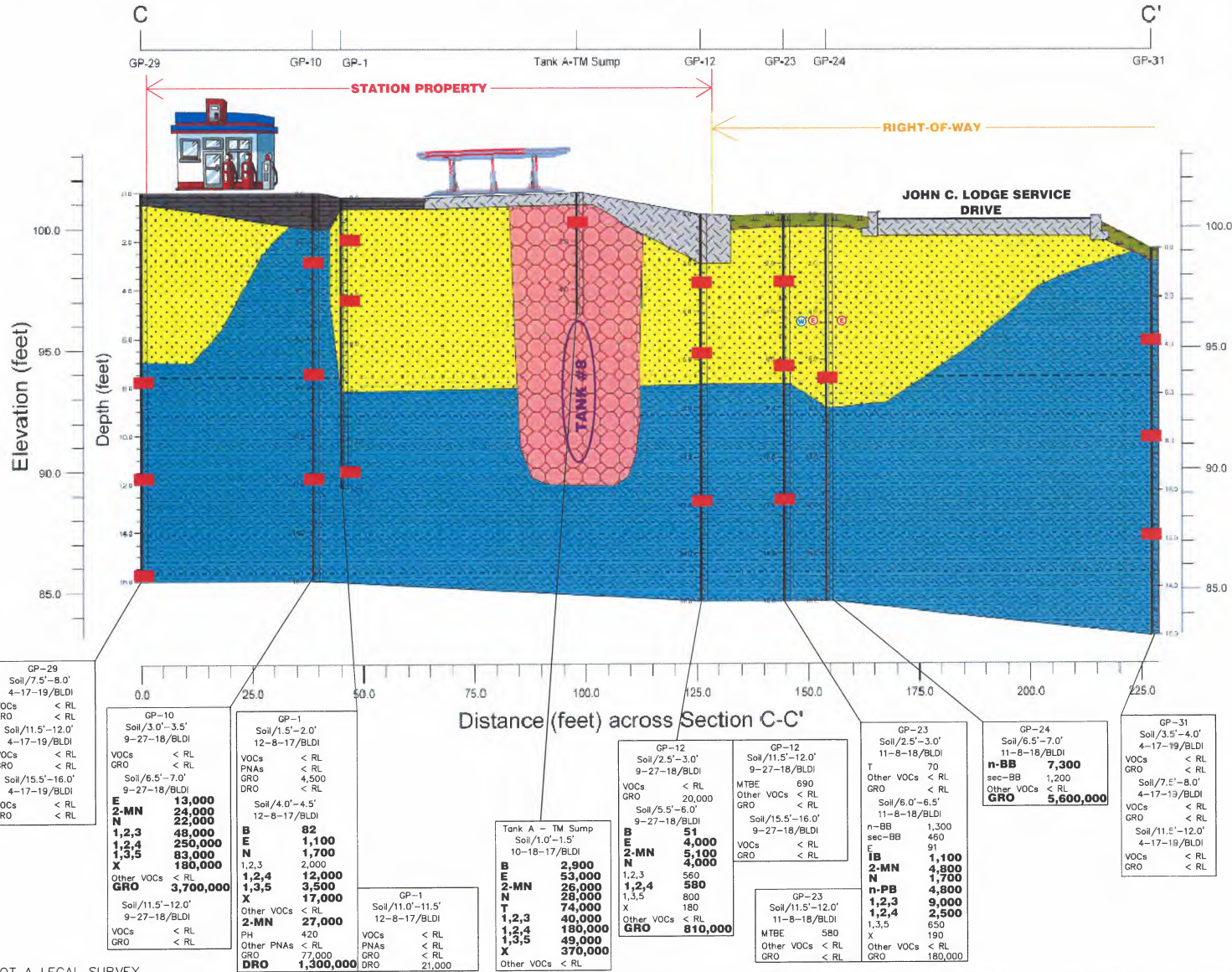
NOT A LEGAL SURVEY

FIGURE 3C
CROSS SECTION B-B'
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan

November 2023

154018.316

Cross-Section C-C'



Soil / Media Index	
[Blue w/white dots]	Clay, Silty Clay, Sandy Clay
[Blue w/darker blue dots]	Clay Loam, Silty Clay Loam, Sandy Clay Loam
[Green w/white dots]	Silt, Silt Loam, Loam
[Green w/darker green dots]	Sandy Loam
[Yellow w/white dots]	Sand, Loamy Sand
[Green w/darker green dots]	Gravel
[Dark grey]	Asphalt
[Light grey]	Concrete
[Green w/white dots]	Topsoil/Grass
[Pink w/white dots]	UST Backfill

LEGEND

- [Red square] SOIL SAMPLE INTERVAL
- [Red square] USTs
- [Red square] TANK 6: 10,000-GAL, GASOLINE
- [Red square] TANK 7: 10,000-GAL, GASOLINE
- [Red square] TANK 8: 10,000-GAL, GASOLINE
- [Red square] COMBINED UNDERGROUND SANITARY/STORM SEWER LINE
- [Blue circle] UNDERGROUND ELECTRIC LINE
- [Blue circle] UNDERGROUND WATER LINE
- [Blue circle] UNDERGROUND GAS LINE
- [B] Benzene
- [E] Ethylbenzene
- [N] Naphthalene
- [T] Toluene
- [1,2,3] 1,2,3-Trimethylbenzene
- [1,2,4] 1,2,4-Trimethylbenzene
- [1,3,5] 1,3,5-Trimethylbenzene
- [X] Total Xylenes
- [ACE] Acenaphthene
- [ACY] Acenaphthylene
- [ANTH] Anthracene
- [BaA] Benzo[a]anthracene
- [BaP] Benzo[a]pyrene
- [BbF] Benzo[b]fluoranthene
- [BPYL] Benzo[g,h,i]perylene
- [BkACy] Benzo[k]fluoranthene
- [CH] Chrysene
- [DahA] Dibenzo[a,h]anthracene
- [FLU] Fluoranthene
- [FN] Fluorene
- [IDNPY] Indeno[1,2,3-cd]pyrene
- [2-MN] 2-Methylnaphthalene
- [PH] Phenanthrene
- [PY] Pyrene
- [PNAs] Polynuclear Aromatic Hydrocarbons
- [VOCs] Volatile Organic Compounds
- [DRO] Diesel Range Organics
- [GRO] Gasoline Range Organics
- [RL] Reporting Limit

BOLD VALUES EXCEED APPLICABLE CRITERIA

Sample Location
Sample Media/Sample Depth
Sample Date/Collected By
Analytical Results (ug/kg)

FIGURE 3D
CROSS SECTION C-C'
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan
November 2023 154018.316

NOT A LEGAL SURVEY

Cross-Section A-A'

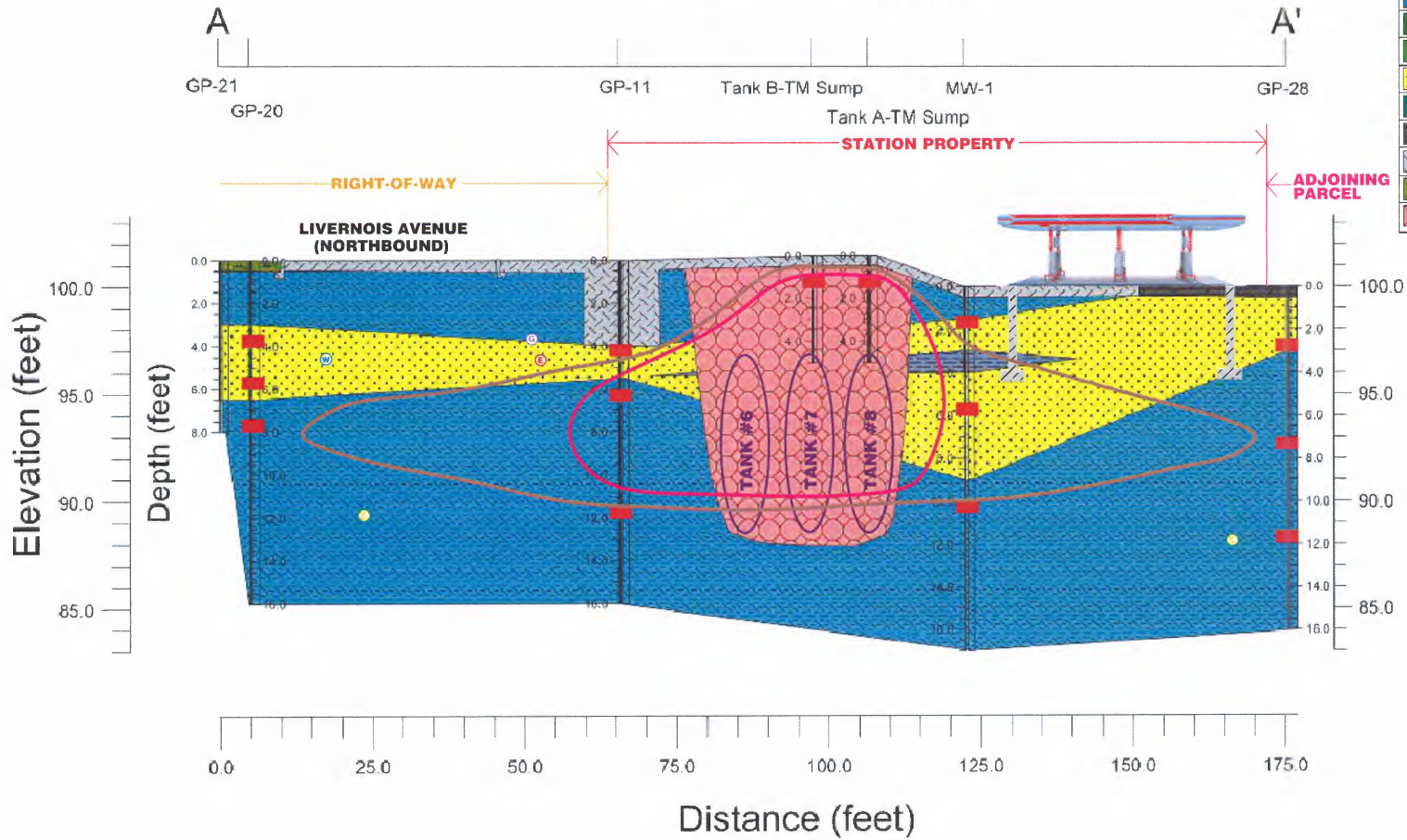
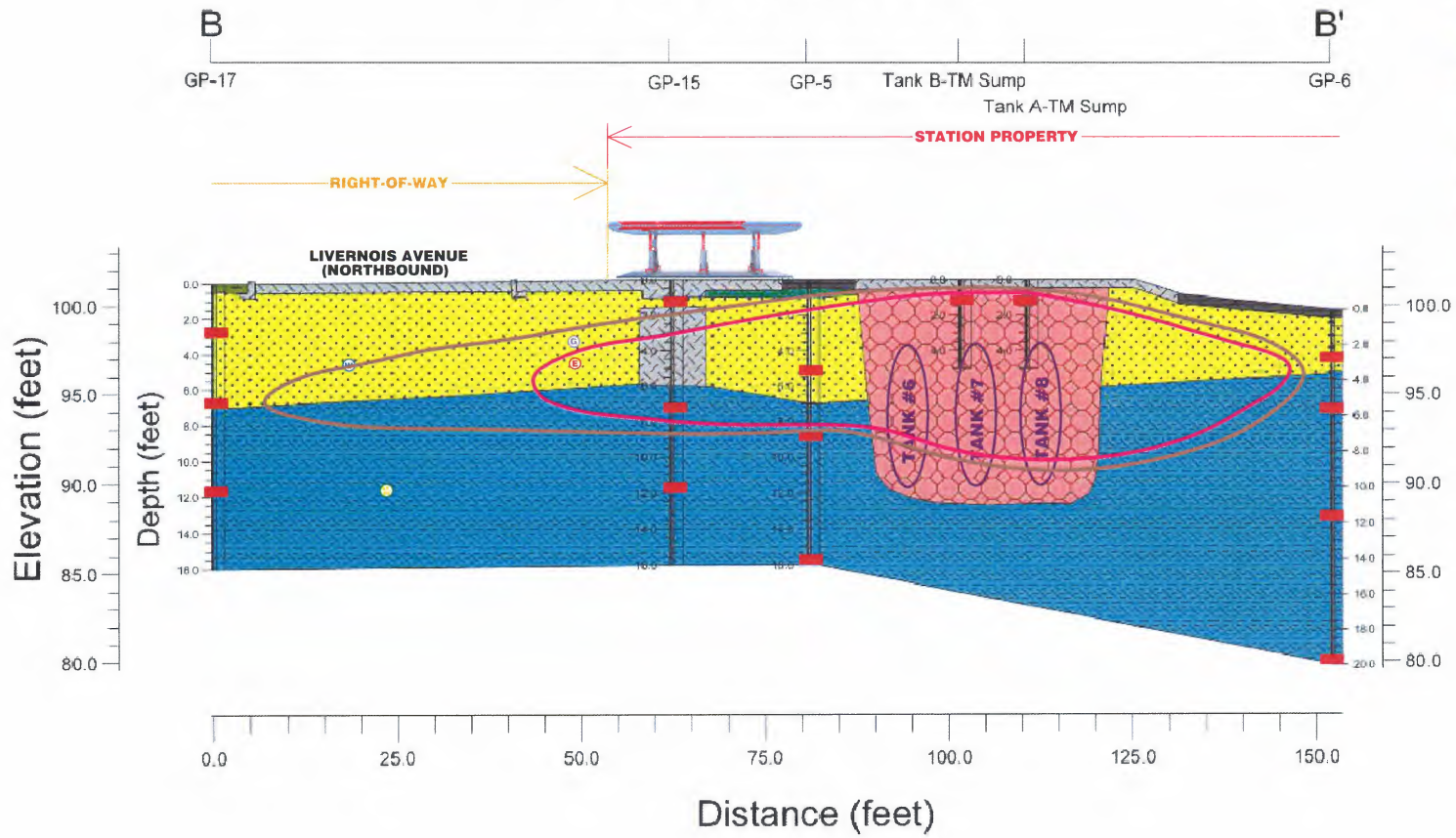


FIGURE 3E
LNAPL CSM A-A'
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan

Cross-Section B-B'

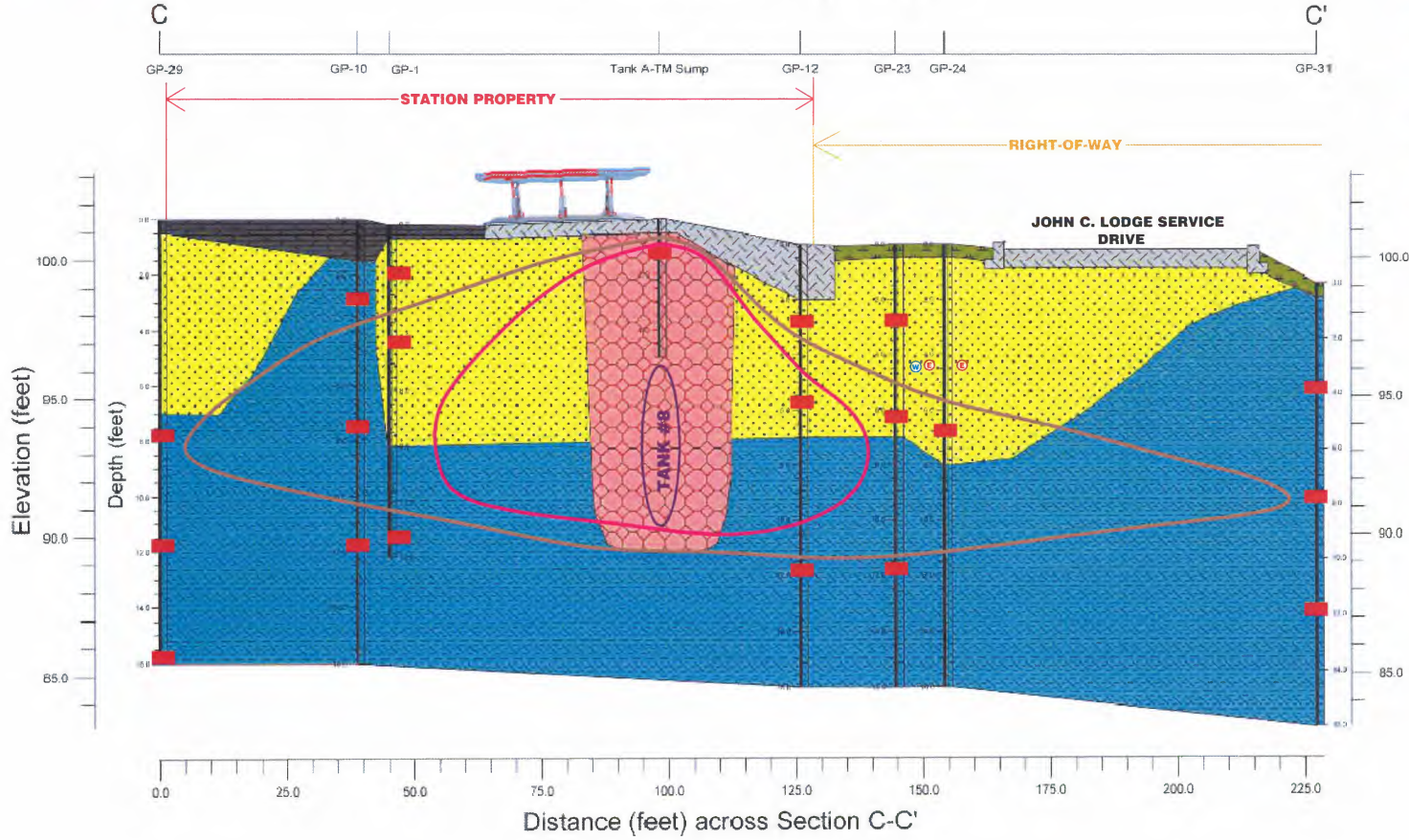


Soil / Media Index	
	Clay, Silty Clay, Sandy Clay
	Clay Loam, Silty Clay Loam, Sandy Clay Loam
	Silt, Silty Loam, Loam
	Sandy Loam
	Sand; Loamy Sand
	Gravel
	Asphalt
	Concrete
	Topsoil/Grass
	UST Backfill

LEGEND	
	SOIL SAMPLE INTERVAL
	USTs
	TANK 6: 10,000-GAL. GASOLINE
	TANK 7: 10,000-GAL. GASOLINE
	TANK 8: 10,000-GAL. GASOLINE
	COMBINED UNDERGROUND SANITARY/STORM SEWER LINE
	UNDERGROUND ELECTRIC LINE
	UNDERGROUND WATER LINE
	UNDERGROUND GAS LINE
	MAXIMUM EXTENT OF LNAPL CONTAMINATION
	MAXIMUM EXTENT OF SOIL CONTAMINATION

FIGURE 3F
LNAPL CSM SECTION B-B'
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan

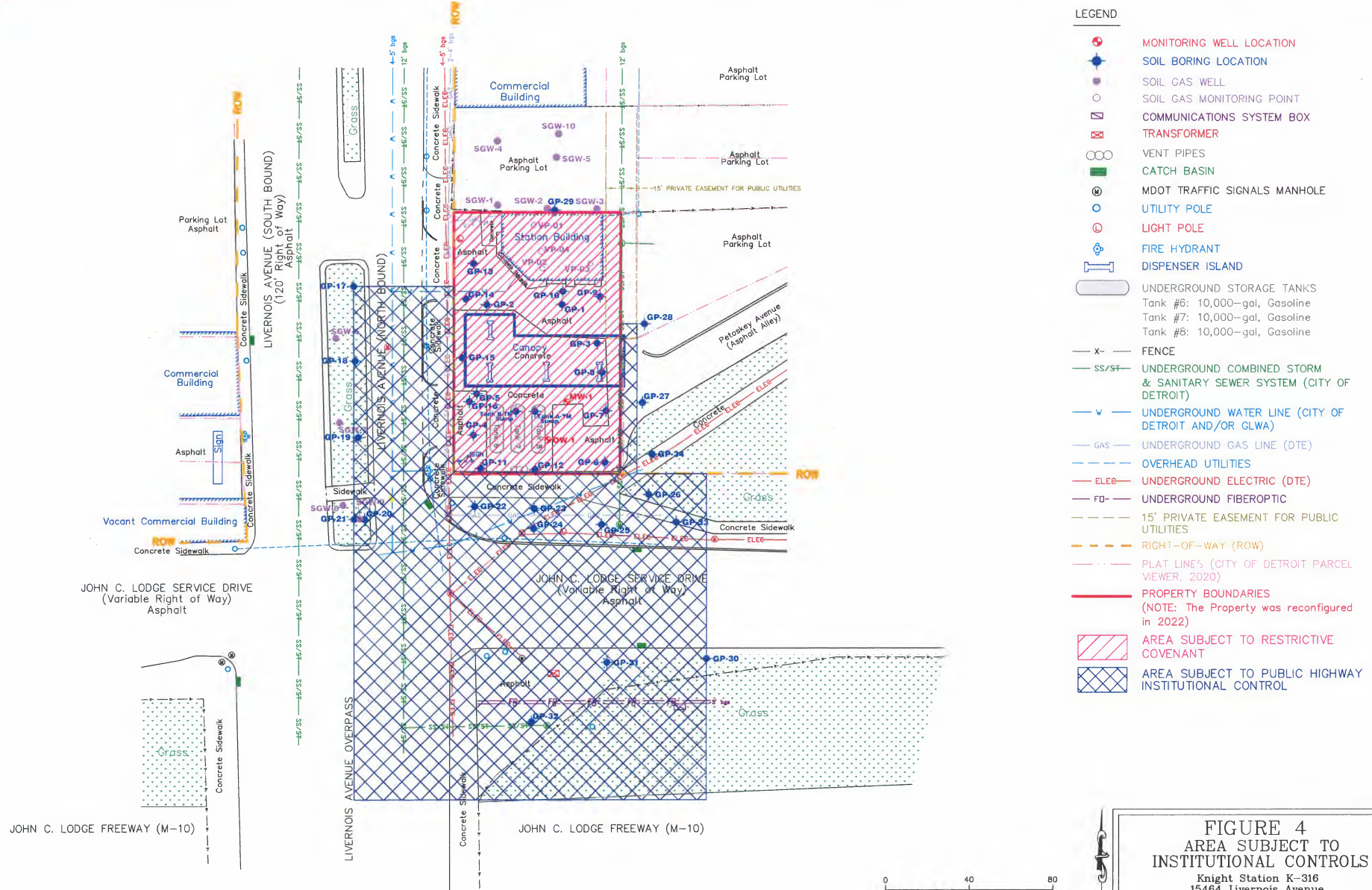
Cross-Section C-C'



Soil / Media Index	
	Clay, Silty Clay, Sandy Clay
	Clay Loam, Silty Clay Loam, Sandy Clay Loam
	Silt, Silt Loam, Loam
	Sandy Loam
	Sand; Loamy Sand
	Gravel
	Asphalt
	Concrete
	Topsoil/Grass
	UST Backfill

LEGEND	
	SOIL SAMPLE INTERVAL
	UST#
	TANK 6: 10,000-GAL. GASOLINE
	TANK 7: 10,000-GAL. GASOLINE
	TANK 8: 10,000-GAL. GASOLINE
	COMBINED UNDERGROUND SANITARY/ STORM SEWER LINE
	UNDERGROUND ELECTRIC LINE
	UNDERGROUND WATER LINE
	UNDERGROUND GAS LINE
	MAXIMUM EXTENT OF LNAPL CONTAMINATION
	MAXIMUM EXTENT OF SOIL CONTAMINATION

FIGURE 3G
LNAPL CSM SECTION D-D'
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan



- LEGEND**
- MONITORING WELL LOCATION
 - SOIL BORING LOCATION
 - SOIL GAS WELL
 - SOIL GAS MONITORING POINT
 - COMMUNICATIONS SYSTEM BOX
 - TRANSFORMER
 - VENT PIPES
 - CATCH BASIN
 - MDOT TRAFFIC SIGNALS MANHOLE
 - UTILITY POLE
 - LIGHT POLE
 - FIRE HYDRANT
 - DISPENSER ISLAND
 - UNDERGROUND STORAGE TANKS
Tank #6: 10,000-gal, Gasoline
Tank #7: 10,000-gal, Gasoline
Tank #8: 10,000-gal, Gasoline
 - x — FENCE
 - SS/ST — UNDERGROUND COMBINED STORM & SANITARY SEWER SYSTEM (CITY OF DETROIT)
 - W — UNDERGROUND WATER LINE (CITY OF DETROIT AND/OR GLWA)
 - GAS — UNDERGROUND GAS LINE (DTE)
 - — OVERHEAD UTILITIES
 - ELEE — UNDERGROUND ELECTRIC (DTE)
 - FO — UNDERGROUND FIBEROPTIC
 - — 15' PRIVATE EASEMENT FOR PUBLIC UTILITIES
 - — RIGHT-OF-WAY (ROW)
 - — PLAT LINES (CITY OF DETROIT PARCEL VIEWER, 2020)
 - — PROPERTY BOUNDARIES
(NOTE: The Property was reconfigured in 2022)
 - AREA SUBJECT TO RESTRICTIVE COVENANT
 - AREA SUBJECT TO PUBLIC HIGHWAY INSTITUTIONAL CONTROL

NOT A LEGAL SURVEY

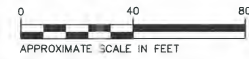


FIGURE 4
AREA SUBJECT TO
INSTITUTIONAL CONTROLS
Knight Station K-316
15464 Livernois Avenue
Detroit, Michigan

December 2023 VS 154018.316