

GIS REGISTRY INFORMATION

SITE NAME: Dane Cnty Hwy Garage #5
BRRTS #: 02-13-354362 **FID # (if appropriate):** _____
COMMERCE # (if appropriate): _____
CLOSURE DATE: 11-Jun-2007
STREET ADDRESS: 7299 State Highway 19
CITY: Springfield

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 556296 Y= 301657

CONTAMINATED MEDIA: Groundwater Soil Both
OFF-SOURCE GW CONTAMINATION >ES: Yes No

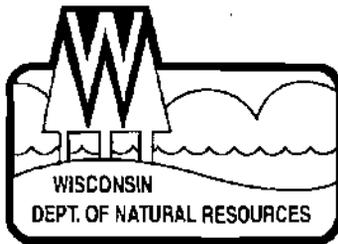
IF YES, STREET ADDRESS 1: _____
GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): Yes No
IF YES, STREET ADDRESS 1: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____
CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties	X
County Parcel ID number, if used for county, for all affected properties	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	NA
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.	NA
GW: Table of water level elevations, with sampling dates, and free product noted if present	NA
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	NA
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, if required for SI. (8.5x14" if paper copy)	NA
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	X
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure	NA
Copy of any maintenance plan referenced in the deed restriction.	X



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

June 11, 2007

Bob Pearson
4802 Sheboygan Avenue
PO Box 7965
Madison WI 53707-7965

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Dane Cnty Hwy Garage #5, 7299 State Highway 19, Springfield, WI
WDNR BRRTS Activity #: 02-13-354362

Dear Mr. Pearson:

On June 4, 2007, the South Central Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

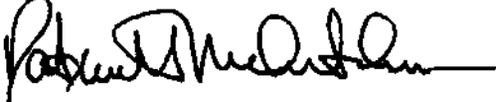
Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement and soil cap that currently exists in the location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result

special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Randy Maass at (608) 275-3224.

Sincerely,



Patrick McCutcheon
South Central Region Remediation & Redevelopment Team Supervisor

cc: Betty Socha, BT2 Inc., 2830 Dairy Drive, Madison, WI 53718-6751
Wendy Weihemuller, DNR

February 12, 2007

To: Wisconsin Department of Natural Resources

Subject: Statement that the Legal Description for the Property within the Contaminated Site Boundary has been Included
Former Dane County Garage #5 -
Soil Management during US Highway 12 Reconstruction
Springfield Corners, Wisconsin
WDNR BRRTS # 02-13-354362
BT² Project #2496A

To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the attached property information the legal description for each property within, or partially within the contaminated site boundary has been included with the closure request.

The attached property information includes the Deed and Legal Description for the Wisconsin Department of Transportation property located at the southeast corner of US Highway 12 and State Trunk Highway 19 (7299 STH 19), Springfield Corners, Wisconsin.

If you need additional information, please contact me at (608) 266-7980.

Sincerely,



Mr. Robert E. Pearson, P.G.
Wisconsin Department of Transportation

John Mason - RE: Notification of Soil Contamination in USH 12 ROW

From: "TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>
To: "John Mason" <jmason@bt2inc.com>, "TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>
Date: 2/8/2007 1:47 PM
Subject: RE: Notification of Soil Contamination in USH 12 ROW
CC: Betty Socha <bsocha@bt2inc.com>, <maassrr@dnr.state.wi.us>

Thanks John,

I've received the notification of contamination for the former Dane Co. Highway Garage # 5 site. Please keep a copy of this e-mail for your file.

Randy - this is confirmation WisDOT has been notified.

Shar

Shar Te Beest
 Hazardous Materials Specialist
 Wisconsin Department of Transportation
 Division of Transportation Systems Development
 Bureau of Equity and Environmental Services
 Phone (608) 266-1476; Fax (608) 266-7818;
 Cell (608) 692-4546
 e-mail: sharlene.tebeest@dot.state.wi.us

-----Original Message-----

From: John Mason [mailto:jmason@bt2inc.com]
Sent: Thursday, February 08, 2007 12:28 PM
To: sharlene.tebeest@dot.state.wi.us
Cc: Betty Socha; maassrr@dnr.state.wi.us
Subject: Notification of Soil Contamination in USH 12 ROW

Sharlene,
 Attached and below is the notification of soil contamination within the USH 12 right-of-way associated the former Dane County Garage #5 site, located in Springfield Corners. This notification is a requirement for case closure. Please contact me or Betty Socha at BT-Squared if you have any questions. Thank you.

 County: Dane
 Highway: US Highway 12
 Site Name: Former Dane County Highway Garage #5
 Site Address: USH 12 ROW at SE corner of intersection with STH 19 - Formerly 7299 STH 19, Springfield Corners, Wisconsin
 BRRTS Number: 02-13-354362
 PECFA Number: None
 FID Number: None
 Owner's Name: Wis DOT Transportation District 1
 Owner's Address: 2101 Wright Street, Madison, WI 53704
 Consulting Firm: BT-Squared
 Consultant Contact: Betty Socha
 Consultant Address: 2830 Dairy Drive, Madison, WI 53718

Consultant Phone: (608) 224-2830

Consultant Fax: (608) 224-2839

Consultant E mail: bsocha@bt2inc.com

Soil contamination? Yes

Depth to contaminated soil: approximately 2 feet

Vertical extent of contaminated soil: (approximately 2 to 25 feet below ground surface)

Groundwater contamination? Yes, but associated with a closed out petroleum underground storage tank project (BRRTS# 03-13-002261), and therefore will not be reported here.

Depth to water table: 24 to 32 feet below ground surface

Describe the type(s) of contamination present: Primarily petroleum-related constituents such as polynuclear aromatic hydrocarbons and diesel range organic compounds. Some tetrachloroethene detected in soil that is present beneath the USH 12 eastbound lane.

Brief summary of cleanup activity: Soil management and capping during the expansion of US Highway 12 and construction of adjacent bike path and park and ride parking lot. Capped areas include USH 12 pavement, bike path, park and ride parking lot, and landscaped areas in between.

Current map of soil contamination extent is attached.

CC: Betty Socha, BT², bsocha@bt2inc.com
Randy Maass, WDNR, maassrr@dnr.state.wi.us

John Mason, P.G.

Hydrogeologist

BT², Inc.

2830 Dairy Drive

Madison, WI 53718 6751

phone: (608) 216-7380

cell: (608) 220-2276

fax: (608) 224 2839

email: jmason@bt2inc.com

G-2 PAVEMENT AND SOIL COVER MAINTENANCE PLAN

March 22, 2007

Property Located at:

7299 County Trunk Highway 19, Springfield Corners, Wisconsin

(Southeast Corner of the Intersection of US Highway 12 and State Trunk Highway 19, including US Highway 12 and Right-of-Way, Bike path, and Park and Ride Parking Lot)

WDNR BRRTS #02-13-354362

LEGAL DESCRIPTION

(See Exhibit A)

PARCEL ID # (0808-092-9550-5 and 0808-092-9560-3) (two parcels).

Introduction

This document is the Maintenance Plan for pavement and soil cover at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing soil cover and paved surfaces occupying the area over the contaminated soil on-site. The contaminated soil is impacted by gasoline range organics, diesel range organics, polynuclear aromatic hydrocarbons (benzo (a)anthracene, benzo (b)fluoranthene, benzo (a)pyrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo (a,h)anthracene, indeno (1,2,3-cd)pyrene, naphthalene, and phenanthrene), and tetrachloroethene. The location of the paved surfaces and soil cover to be maintained in accordance with this Maintenance Plan, as well as the estimated extent of soil contamination are identified in the attached map (Exhibit B).

Soil Cover and Pavement Barrier Purpose

The paved surfaces and soil cover over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health.

Annual Inspection

The paved surfaces and soil cover overlying the contaminated soil as depicted in Exhibit B will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner, and is included as Exhibit C, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be sent to the Wisconsin Department of Natural Resources ("WDNR") at least annually after every inspection, unless otherwise directed in the case closure letter.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the paved surfaces or soil cover overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the paved surfaces and soil cover will maintain a copy of this Maintenance Plan and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

Contact Information March 2007

Site Owner:	Wisconsin Department of Transportation Attention: Ms. Jennifer Grimes 2101 Wright Street Madison, WI 53704-2583 608-245-2630
Consultant:	BT ² , Inc. 2830 Dairy Drive Madison, WI 53718 608-224-2830
WDNR:	Mr. Randy Maass Wisconsin Department of Natural Resources 3911 Fish Hatchery Road Fitchburg, WI 53711 608-275-3224

Exhibit A

000032

LEGAL DESCRIPTION

Highway easement for the owner's interest in land contained within the following described tract located in the Southeast 1/4 of the Northwest 1/4 of Section 9, T8N, R8E, Town of Springfield, Dane County, Wisconsin.

Beginning at the northwest corner of Section 9, T.8N., R.8E.;

Thence S 00°29'31" W, 273.84 feet along the west line of the Northwest 1/4 of said Section 9;

Thence continuing S 00°29'31" W, 94.08 feet along said west line;

Thence S 79°06'42" E, 28.00 feet;

Thence S 72°45'35" E, 252.55 feet;

Thence S 59°19'19" E, 638.79 feet;

Thence S 52°12'06" E, 317.11 feet to the existing west right-of-way line of USH 12;

Thence S 39°33'34" E, 183.42 feet;

Thence continuing S 39°33'34" E, 206.57 feet along said west existing right-of-way line to an iron pipe;

Thence S 39°27'32" E, 155.45 feet along said west line;

Thence S 34°10'05" E, 235.64 feet;

Thence S 13°53'39" W, 115.43 feet;

Thence S 10°12'09" W, 151.21 feet to the existing west right-of-way line of Baltes Road;

Thence N 41°35'23" E, 164.38 feet to the existing east right-of-way line of Baltes Road;

Thence N 41°35'03" E, 68.05 feet to the existing west right-of-way line of USH 12;

Thence S 39°27'32" E, 80.66 feet along said existing west line;

Thence S 39°37'18" E, 773.20 feet along said existing west line;

Thence S 40°04'58" E, 146.14 feet along said existing west line;

Thence S 32°48'23" E, 191.31 feet to the east - west quarter line of Section 9;

Thence N 88°30'25" E, 156.17 feet along said quarter line;

Thence continuing N 88°30'25" E, 310.23 feet along said quarter line;

Thence N 40°02'00" W, 603.19 feet;

Thence N 53°29'32" W, 334.70 feet;

Thence N 04°44'17" W, 587.14 feet to the southerly existing right-of-way line of STH 19;

Thence N 33°50'30" W, 126.41 feet to the northerly existing right-of-way of STH 19;

Thence N 70°11'27" W, 41.88 feet;

Thence S 85°51'07" W, 228.64 feet to the existing north right-of-way line of STH 19;

Thence S 87°57'07" W, 265.00 feet along said north line;

Thence N 33°23'11" W, 124.86 feet;

Thence N 22°57'52" W, 104.40 feet;

Thence N 43°36'12" W, 177.68 feet;

Thence continuing N 43°36'12" W, 371.70 feet;

Thence N 55°11'06" W, 909.02 feet;

Thence N 71°36'03" W, 314.66 feet;

Thence N 39°50'50" W, 101.59 feet;

Thence N 64°08'48" W, 48.49 feet;

Thence S 00°00'26" E, 65.62 feet to the point of beginning.

Said parcel contains 0.68 acres of land already in use for highway purposes and 5.31 acre of additional land.

107

1000

Exhibit C
Barrier INSPECTION LOG

Inspection Date	Inspector	Condition of Cap	Recommendations	Have Recommendations from previous inspection been implemented?

ATTACHMENT I

Required GIS Registry Information

Copy of Most Recent Deed
Copy of Certified Survey Map
Parcel Identification Number
 # 056-0808-092-9550-5, 056-0808-092-9560-3
 Geographic Position
 WTM 556296, 301657
Site Location Map
 Hazmat Detail – Dane County Garage #5
 Cap Area to be Maintained
 Soil Analytical Results (Table)
 Former LUST Area Site Investigation
 Soil Analytical Results (Table)
 Former Active UST and AST Site Assessment
 Soil Analytical Results (Table)
Boring Location Plan
Geologic Cross Sections
Responsible Party Statement Regarding
 Legal Description
Written Notification to WisDOT Regarding Contamination
 Beneath Highway Right-of-Way

DANE COUNTY REGISTER OF DEEDS

DOCUMENT # 3743591

06/26/2003 07:52:29AM

Trans. Fee: Exempt #: 2R

Rec. Fee: 13.00 Pages: 2

000031

Document Number DEED BY CORPORATION

Exempt from fee: s.77.25(2r) Wis. Stats. DT1546 98 (Replaces RE3005)

THIS DEED, made by County of Dane

a corporation duly organized and existing under the laws of the State of Wisconsin and duly authorized to transact business in the State of Wisconsin, with its principal place of business at 2302 Fish Hatchery Rd City of Madison County of Dane

State of Wisconsin GRANTOR, conveys and warrants the property described below to the State of Wisconsin Department of Transportation, GRANTEE, for the sum of One Million One Hundred Ninety Two Thousand Five Hundred and 00/100 Dollars (\$ 1,192,500.00).

Any person named in this deed may make an appeal from the amount of compensation within six months after the date of recording of this deed as set forth in s.32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on the deed shall be treated as the award, and the date the deed is recorded shall be treated as the date of taking and the date of evaluation.

Other persons having an interest of record in the property:

LEGAL DESCRIPTION IS ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

The undersigned certify that this instrument is being executed pursuant to a resolution of the board of directors (or shareholders, if authorized by law) of GRANTOR corporation.

Easement granted for transportation related purposes as set forth in Para. 84.09 (1), Wis. Stats.

This space is reserved for recording data Return to TRANSPORTATION DISTRICT 1 2101 Wright Street Madison, WI 53704-2583 Parcel Identification Number / Tax Key Number 056-0808-092-9550-5; 056-0808-092-9560-3

CORPORATE ACKNOWLEDGEMENT

County of Dane

(Corporation Name)

[Signature] (Officer - Signature)

Dane County Executive (Print Name, Title)

[Signature] (Officer - Signature)

Dane County Clerk (Print Name, Title)

(Officer - Signature)

(Print Name, Title)

(Officer - Signature)

(Print Name, Title)

6/24/03 (Date)

State of Wisconsin)) ss. Dane County)

On the above date, this instrument was acknowledged before me by the named person(s).

[Signature] (Signature, Notary Public, State of Wisconsin)

Gina Hill (Print or Type, Notary Public, State of Wisconsin)

8/7/05 (Date Commission Expires)

(Date Commission Expires)

2/13

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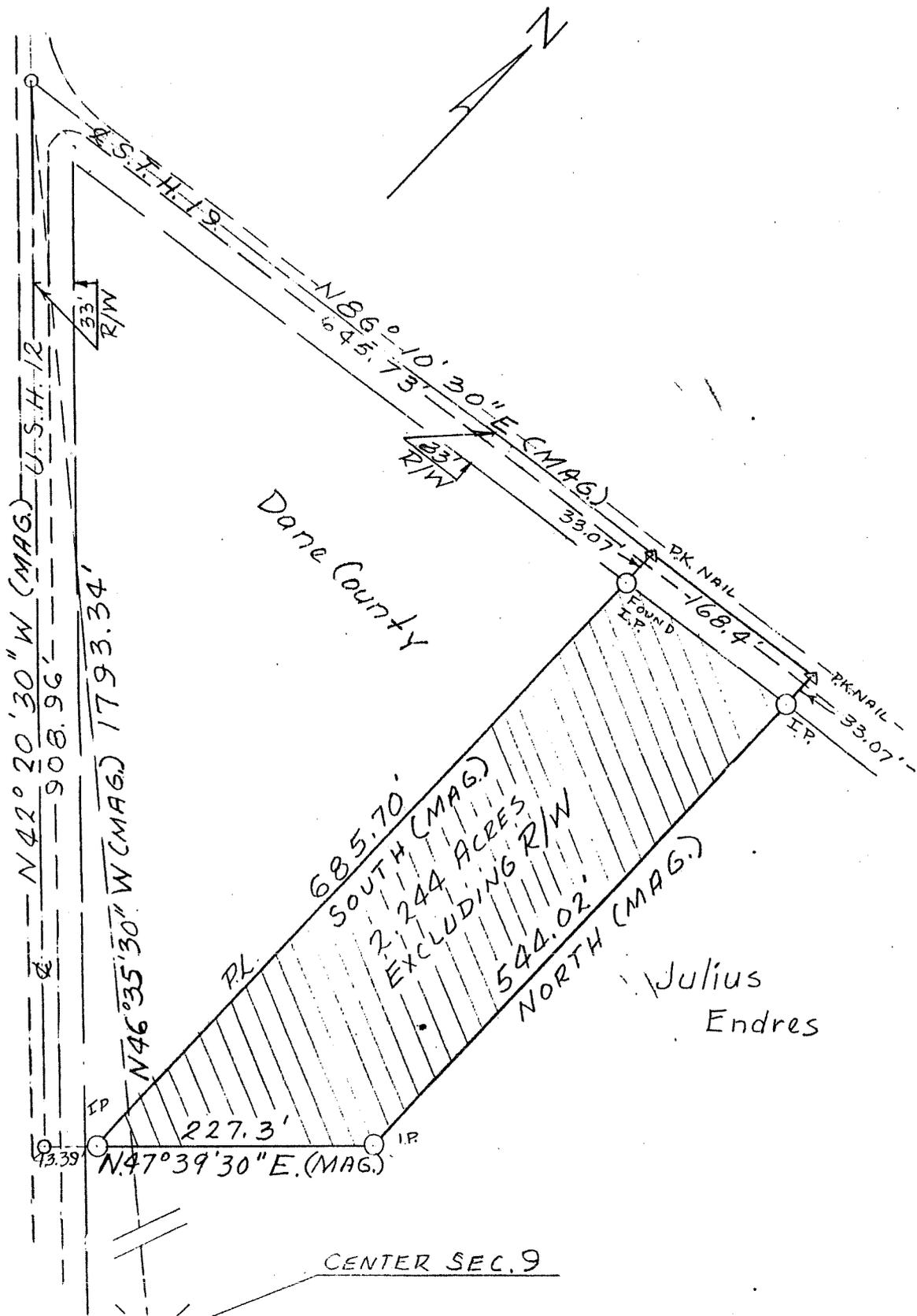
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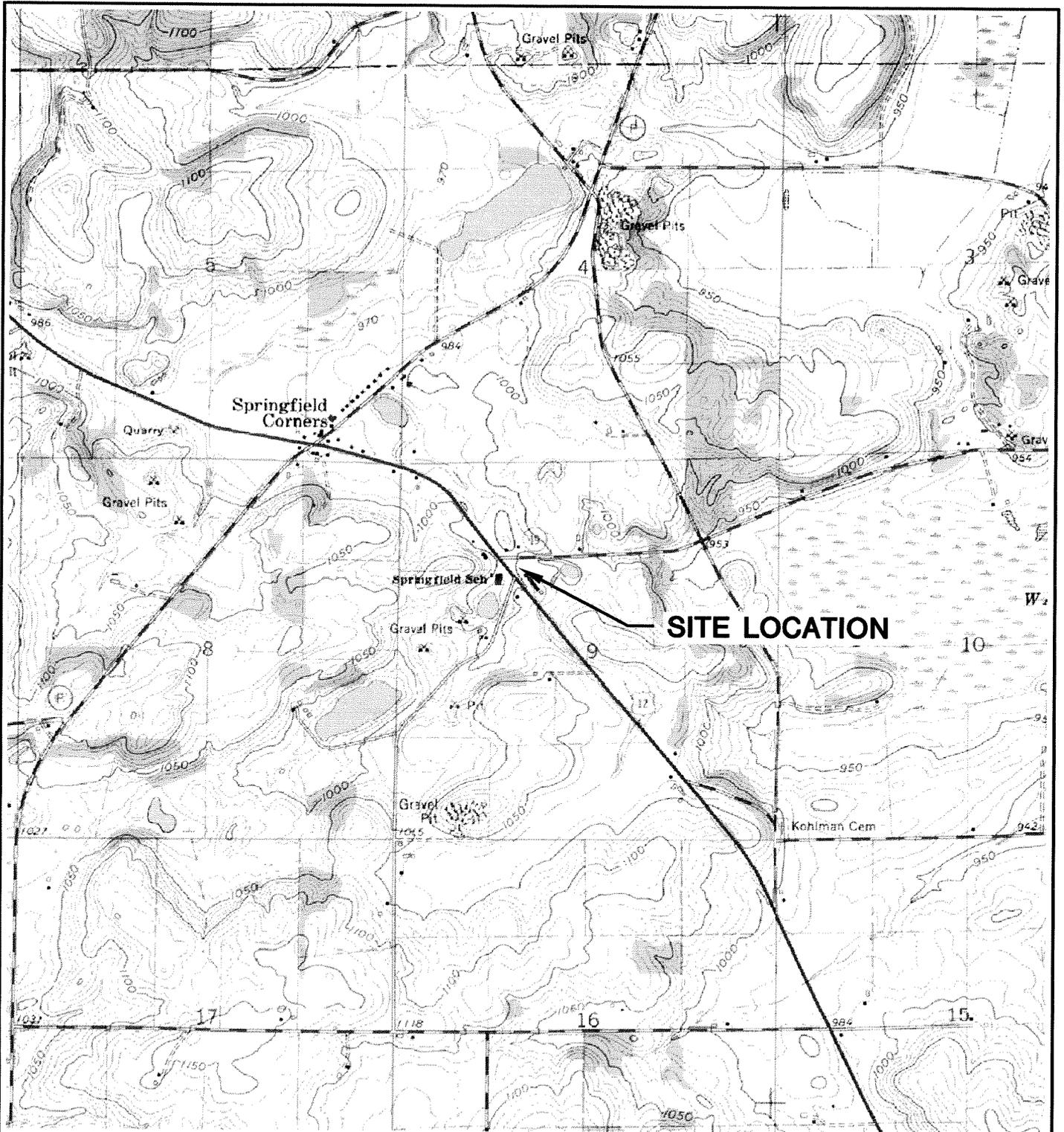
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Thence S 00°00'26" E, 65.62 feet to the point of beginning.

Said parcel contains **0.68 acres** of land already in use for highway purposes and **5.31 acre** of additional land.

DANE COUNTY HIGHWAY DEPARTMENT
 Survey of proposed Springfield garage site expansion.
 SE 1/4 - NW 1/4 - Sec. 9, T. 8 N., R. 8. E.,
 Tn. Springfield Scale 1" = 100' Oct. 31, 1972





SPRINGFIELD CORNERS QUADRANGLE
 WISCONSIN - DANE CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 NE/4 CROSS PLAINS 15' QUADRANGLE
 1969
 SCALE: 1" = 2,000'

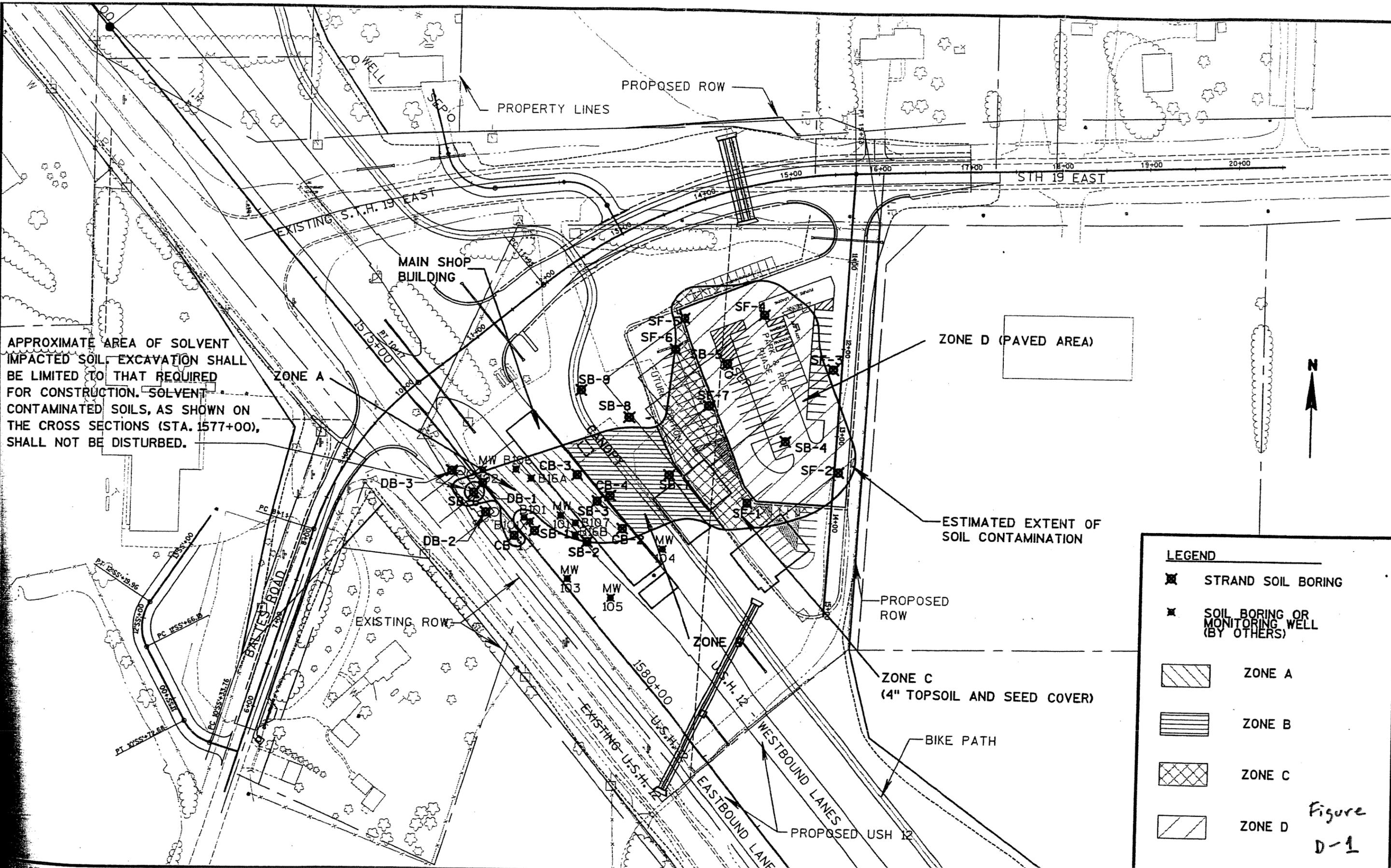


CLIENT	 WISCONSIN DEPARTMENT OF TRANSPORTATION 4802 SHEBOYGAN AVENUE MADISON, WI 53707		SITE	WISCONSIN DEPARTMENT OF TRANSPORTATION FORMER DANE COUNTY HIGHWAY GARAGE #5 SPRINGFIELD CORNERS, WISCONSIN		SITE LOCATION MAP		
	PROJECT NO.	2496A		DRAWN BY:	KP	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	FIGURE A-2	
	DRAWN:	03/22/04		CHECKED BY:	JM			
REVISED:	01/24/07	APPROVED BY:						

PLOT DATE: 09/23/2002

PLOT SCALE: 1" = 40' (approximate)

APPROXIMATE AREA OF SOLVENT IMPACTED SOIL. EXCAVATION SHALL BE LIMITED TO THAT REQUIRED FOR CONSTRUCTION. SOLVENT CONTAMINATED SOILS, AS SHOWN ON THE CROSS SECTIONS (STA. 1577+00), SHALL NOT BE DISTURBED.



LEGEND

- STRAND SOIL BORING
- SOIL BORING OR MONITORING WELL (BY OTHERS)
- ZONE A
- ZONE B
- ZONE C
- ZONE D

Figure D-1

PROJECT NUMBER: 5300-03-74

HIGHWAY: USH 12

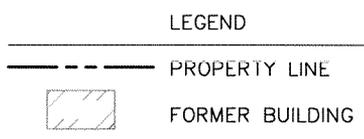
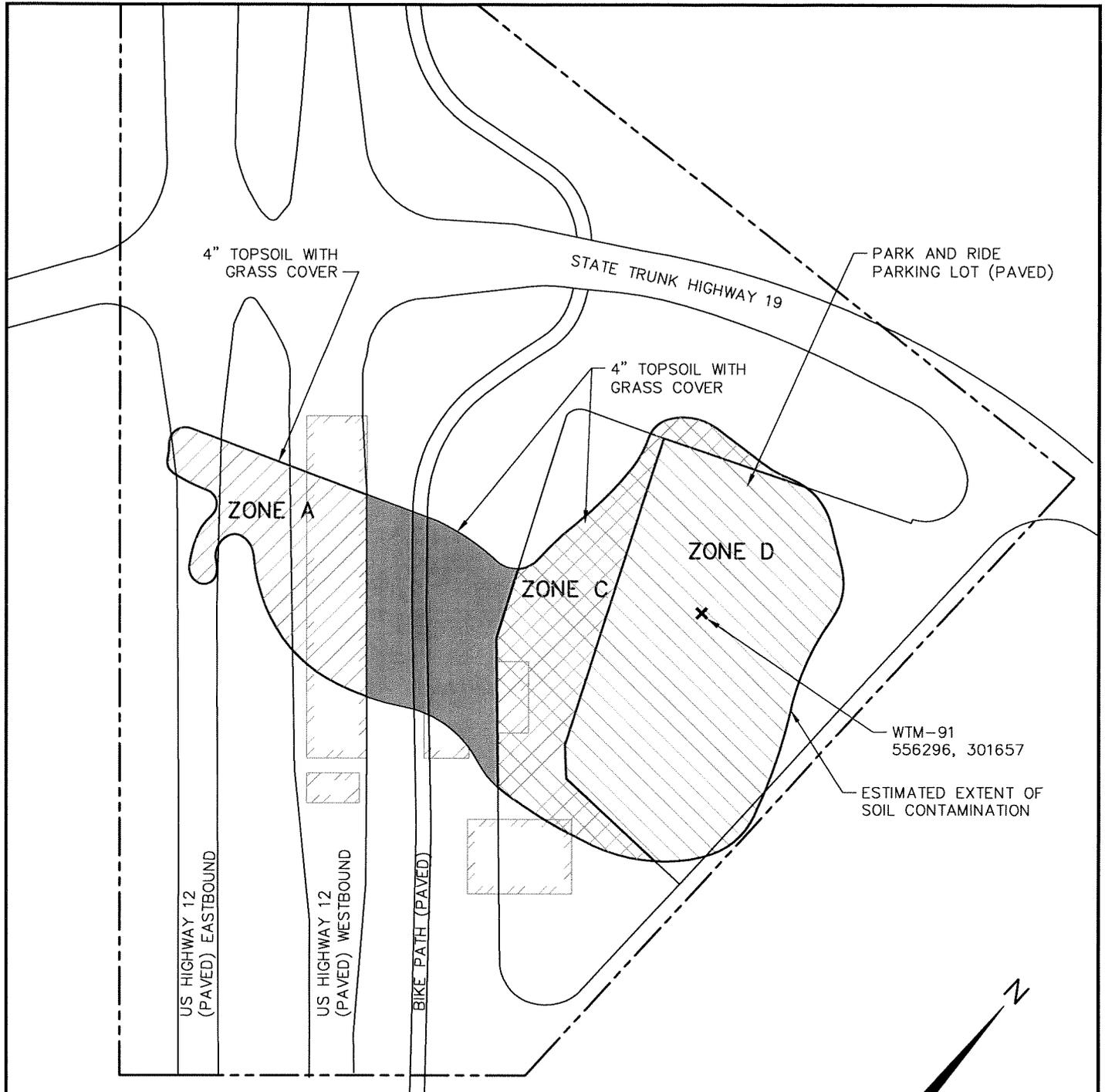
COUNTY: DANE

HAZMAT DETAIL -DANE COUNTY GARAGE #5-SITE 2

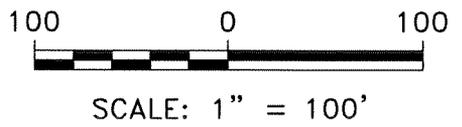
SCALE, FT. 0 50 100

SHEET NUMBER: 37 E

WISDOT/CADD SHEET 42



NOTE: WTM-91 LOCATION IS APPROXIMATE.



CLIENT	 WISCONSIN DEPARTMENT OF TRANSPORTATION 4802 SHEBOYGAN AVENUE MADISON, WI 53707	SITE	WISCONSIN DEPARTMENT OF TRANSPORTATION FORMER DANE COUNTY HIGHWAY GARAGE #5 SPRINGFIELD CORNERS, WISCONSIN	CAP AREA TO BE MAINTAINED						
				PROJECT NO.	2496A	DRAWN BY:	KP	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	FIGURE
				DRAWN:	03/22/04	CHECKED BY:	JM			D-4
REVISED:	01/24/07	APPROVED BY:								

TABLE C-2
SOIL ANALYTICAL RESULTS – DANE COUNTY GARAGE NO. 5 SITE
USH 12 – PHASE 2.5 INVESTIGATION

Parameter	NR720 RCL	Boring No. and Depth (ft)														
		SB-1 0-2	SB-1 8-10	SB-2 2-4	SB-2 10-12	SB-3 6-8	SB-3 14-16	SB-4 4-6	SB-4 12-14	SB-5 0-2	SB-5 10-12	SB-6 2-4	SB-6 14-16	SB-7 0-2	SB-7 12-14	
DRO, mg/kg	100 ¹	<10	<10	<10	<10	<10	<10	11 ⁴	<10	<10	<10	13 ⁴	<10	110	<10	
GRO, mg/kg	100 ¹	<10	<10	<10	<10	<10	<10	54 ⁵	<10	<10	<10	<10	<10	--	--	
Lead, mg/kg	500/50 ²	9.9	12	11	<6	8.1	<6	27	<6	20	<6	7.1	8.1	17	<6	
PAHs, µg/kg:																
Acenaphthene	60000000/900000 ^{2,3}	--	--	--	--	--	--	56,000	<21	270	<21	--	--	62	<21	
Acenaphthylene	360000/18000 ^{2,3}	--	--	--	--	--	--	<4,800	<24	2,600	<24	--	--	<24	<24	
Anthracene	300000000/5000000 ^{2,3}	--	--	--	--	--	--	100,000	<36	3,100	<36	--	--	91	<36	
Benzo(a)anthracene	3900/88 ^{2,3}	--	--	--	--	--	--	120,000	<23	6,400	<23	--	--	180	<23	
Benzo(a)pyrene	390/8.8 ^{2,3}	--	--	--	--	--	--	110,000	<34	5,600	<34	--	--	430	<23	
Benzo(b)fluoranthene	3900/88 ^{2,3}	--	--	--	--	--	--	92,000	<46	4,600	<46	--	--	220	<46	
Benzo(g,h,i)perylene	39000/1800 ^{2,3}	--	--	--	--	--	--	92,000	<29	3,900	<29	--	--	540	<29	
Benzo(k)fluoranthene	39000/880 ^{2,3}	--	--	--	--	--	--	61,000	<48	4,200	<48	--	--	87	<48	
Chrysene	390000/8800 ^{2,3}	--	--	--	--	--	--	130,000	<42	6,500	<42	--	--	350	<42	
Dibenz(a,h)anthracene	390/8.8 ^{2,3}	--	--	--	--	--	--	70,000	<18	4,000	<18	--	--	86	<18	
Fluoranthene	40000000/600000 ^{2,3}	--	--	--	--	--	--	360,000	<38	15,000	<38	--	--	200	<38	
Fluorene	40000000/600000 ^{2,3}	--	--	--	--	--	--	88,000	<47	1,900	<47	--	--	60	<47	
Ideno (1,2,3cd)pyrene	3900/88 ^{2,3}	--	--	--	--	--	--	80,000	<18	4,100	<18	--	--	72	<18	
1-Methyl naphthalene	70000000/1100000 ^{2,3}	--	--	--	--	--	--	54,000	<31	540	<31	--	--	110	<31	
2-Methyl naphthalene	40000000/600000 ^{2,3}	--	--	--	--	--	--	75,000	<21	480	<21	--	--	100	<21	
Naphthalene	110000/20000 ^{2,3}	--	--	--	--	--	--	95,000	<30	<300	<30	--	--	77	<30	
Penanthrene	390000/18000 ^{2,3}	--	--	--	--	--	--	510,000	<35	15,000	<35	--	--	320	<35	
Pyrene	30000000/500000 ^{2,3}	--	--	--	--	--	--	370,000	<45	13,000	<45	--	--	1,000	<45	

- Notes:
1. Samples collected June 29 – June 30, 2000
 2. Assumes hydraulic conductivity greater than 1×10^{-6} cm/s.
 3. NR 720 RCLs for an industrial/nonindustrial site.
 4. Only PVOCs were analyzed.
- *
RCL Residual Contaminant Levels
TMB Trimethylbenzene
Highlighted values exceed NR 720 RCLs.
-- Not Analyzed.
** No RCL for compound.
Italics indicate values between LOD and LOQ.

TABLE C-2

SOIL ANALYTICAL RESULTS – DANE COUNTY GARAGE NO. 5 (CONTINUED)

USH 12 – PHASE 2.5 INVESTIGATION

Parameter	Boring														
	NR 720 RCL	SB-1* 0-2 ft	SB-1* 8-10 ft	SB-2* 2-4 ft	SB-2* 10-12 ft	SB-3* 6-8 ft	SB-3* 14-16 ft	SB-4 4-6 ft	SB-4 12-14 ft	SB-5 0-2 ft	SB-5 10-12 ft	SB-6 2-4 ft	SB-6 14-16 ft	SB-7 0-2 ft	SB-7 12-14 ft
Detected VOCs, µg/kg:															
sec-Butylbenzene	**	--	--	--	--	--	--	300	<25	<25	<25	<25	<25	300	<25
n-Butylbenzene	**	--	--	--	--	--	--	920	<25	<25	<25	<25	<25	450	<25
1,4 Dichlorobenzene	**	--	--	--	--	--	--	26	<25	<25	<25	<25	<25	<25	<25
1,2 Dichlorobenzene	**	--	--	--	--	--	--	61	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	2900	<25	<25	<25	<25	<25	<25	500	<25	<25	<25	<25	<25	40	<25
Isopropylbenzene	**	--	--	--	--	--	--	84	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	**	--	--	--	--	--	--	90	<25	<25	<25	<25	<25	<25	<25
MTBE	**	<25	<25	<25	<25	<25	<25	<25	26	<25	<25	<25	<25	<25	<25
Naphthalene	110000/ 20000 ^{2,3}	--	--	--	--	--	--	70000	<25	<25	<25	<25	<25	110	<25
n-Propylbenzene	**	--	--	--	--	--	--	340	<25	<25	<25	<25	<25	220	<25
Tetrachloroethene	**	--	--	--	--	--	--	<25	<25	<25	<25	65	<25	<25	<25
Toluene	1500	<25	<25	<25	<25	<25	<25	590	<25	<25	<25	<25	<25	<25	<25
1,2,4 – TMB	**	<25	<25	<25	<25	<25	<25	760	<25	<25	<25	<25	<25	220	<25
1,3,5 – TMB	**	<25	<25	<25	<25	<25	<25	520	<25	<25	<25	<25	<25	210	<25
Xylenes	4100	<75	<75	<75	<75	<75	<75	1300	<75	<75	<75	<75	<75	74	<75

Notes:

Samples collected June 29 – June 30, 2000.

1. Assumes hydraulic conductivity greater than 1x10⁻⁶ cm/s.
2. NR 720 RCLs for an industrial/nonindustrial site.
3. Suggested RCLs from DNR Interim Guidance.
4. Chromatogram indicates possible lube oil contamination.
5. Chromatogram indicates contamination outside of the specified window.

MTBE Methyl-tert-butyl-ether.

RCL Residual Contaminant Levels.

Highlighted values exceed RCLs.

-- Sample not analyzed.

** No RCL for compound.

Italics Indicated values between LOD and LOQ.

* Only PVOCs were analyzed.

TABLE C-2

**SOIL ANALYTICAL RESULTS – DANE COUNTY GARAGE NO. 5 SITE (CONTINUED)
USH 12 – PHASE 2.5 INVESTIGATION**

Parameter	NR720 RCL	Boring											
		SB-8 10-12 ft	SB-8 18-20 ft	SB-9 0-2 ft	SB-9 8-10 ft	CB-1* 0-2 ft	CB-1* 12-14 ft	CB-2* 2-4 ft	CB-2* 10-12 ft	CB-3* 2-4 ft	CB-3* 14-16 ft	CB-4* 0-2 ft	CB-4* 10-12 ft
DRO, mg/kg	100 ¹	<10	<10	<10	<10	62 ⁴	<10	<10	<10	300⁴	<10	86 ⁴	140⁴
GRO, mg/kg	100 ¹	--	--	--	--	<10	<10	<10	<10	<10 ⁵	<10	<10	<10
Lead, mg/kg	500/50 ²	<6	<6	6.6	16	20	6	17	<6	<6	<6	11	<6
Detected PVOC/VOCs, µg/kg:													
Ethylbenzene	2900	<25	<25	<25	<25	27	<25	27	<25	<25	25	<25	<25
1,3,5 – TMB	**	<25	<25	<25	<25	28	<25	<25	<25	<25	<25	<25	<25
Xylenes	4100	<75	<75	<75	<75	100	<75	110	81	100	110	100	100

- Notes:
1. Samples collected June 29 – June 30, 2000
 2. Assumes hydraulic conductivity greater than 1×10^{-6} cm/s.
- NR 720 RCLs for an industrial/nonindustrial site.
- * Only PVOCs were analyzed.
- RCL Residual Contaminant Levels.
- TMB Trimethylbenzene.
- Highlighted values exceed NR720 RCLs.**
- Not Analyzed.
- ** No RCL for compound.
- Italics* indicate values between LOD and LOQ.

TABLE C-2

**SOIL ANALYTICAL RESULTS – DANE COUNTY GARAGE NO. 5 SITE (CONTINUED)
USH 12 – PHASE 2.5 INVESTIGATION**

Parameter	Boring Number										
	NR720 RCL	SF-1 2-4 ft	SF-1 8-10 ft	SF-2 4-6 ft	SF-2 8-10 ft	SF-3 8-10 ft	SF-4 2-4 ft	SF-4 8-10 ft	SF-4 16-18 ft	SF-5 2-4 ft	SF-5 8-10 ft
DRO, mg/kg	100 ¹	150	17	<10	<10	<10	12	1200	<10	87	14
GRO, mg/kg	100 ¹	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
<u>Detected VOCs, µg/kg</u>											
n-Butylbenzene	**	<25	<25	<25	<25	<25	<25	110	<25	<25	<25
Ethylbenzene	2900	<25	<25	<25	<25	<25	<25	390	<25	<25	<25
n-Propylbenzene	**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4 Trimethylbenzene	**	<25	<25	<25	<25	<25	<25	37	<25	<25	<25
Napthalene	**	730	33	<25	<25	<25	<25	100	<25	<25	<25
Xylenes	4100	<75	<75	<75	<75	<75	<75	1478	<75	<75	<75
<u>Detected PAHs, µg/kg</u>											
Acenaphthene	60000000/900000 ^{2,3}	130	<21	<21	<21	<40	400	<110	<21	<40	<40
Acenaphthylene	360000/18000 ^{2,3}	100	<24	<24	<24	<41	<120	<120	<24	<41	<41
Anthracene	300000000/5000000 ^{2,3}	240	<36	<36	<36	<39	620	<180	<36	<39	<39
Benzo(a)anthracene	3900/88 ^{2,3}	630	130	<23	<23	<36	1600	210	<23	140	<36
Benzo(a)pyrene	390/8.8 ^{2,3}	410	110	<34	<34	<40	1900	<170	<34	130	<40
Benzo(b)fluoranthene	3900/88 ^{2,3}	470	140	66	<46	<60	1900	<230	<46	120	<60
Benzo(g,h,i)perylene	39000/1800 ^{2,3}	220	75	<29	<29	<80	1900	<150	<29	140	<80
Benzo(k)fluoranthene	39000/880 ^{2,3}	470	150	67	<48	<91	1900	<240	<48	150	<91
Chrysene	390000/8800 ^{2,3}	770	150	51	<42	<40	1900	350	<42	180	<40
Dibenzo(a,h)anthracene	390/8.8 ^{2,3}	250	21	<18	<18	<80	1500	<90	<18	110	<80
Fluoranthene	40000000/600000 ^{2,3}	940	120	42	<38	<33	5100	<190	<38	350	<33
Fluorene	40000000/600000 ^{2,3}	200	<47	<47	<47	<38	270	<240	<47	<38	<38
Indeno(1,2,3-cd)pyrene	3900/88 ^{2,3}	250	130	<18	<18	<28	1800	<90	<18	140	<28
1-Methylnaphthalene	70000000/1100000 ^{2,3}	100	<31	<31	<31	<31	<160	<160	<31	<31	<31
2-Methylnaphthalene	40000000/600000 ^{2,3}	110	<21	<21	<21	<21	<110	120	<21	<21	<21
Naphthalene	110000/20000 ^{2,3}	200	<30	<30	<30	<34	<150	<150	<30	<34	<34
Phenanthrene	390000/18000 ^{2,3}	1100	70	<35	<35	<47	3600	350	<35	240	<47
Pyrene	30000000/500000 ^{2,3}	1400	190	65	<45	<47	6600	710	<45	320	<47

Notes:

- Notes: Samples collected June 29 – June 30, 2000
- 1. Assumes hydraulic conductivity greater than 1x10⁻⁶ cm/s.
- 2. NR 720 RCLs for an industrial/nonindustrial site.
- * Only PVOCs were analyzed.

RCL Residual Contaminant Levels
 TMB Trimethylbenzene
 Highlighted values exceed NR720 RCLs.

-- Not Analyzed.
 ** No RCL for compound.
Italics indicate values between LOD and LOQ.

TABLE C-2

**SOIL ANALYTICAL RESULTS – DANE COUNTY GARAGE NO. 5 SITE (CONTINUED)
USH 12 – PHASE 2.5 INVESTIGATION**

Parameter	Boring Number											
	NR720 RCL	SF-6 2-4 ft	SF-6 8-10 ft	SF-7 2-4 ft	SF-7 8-10 ft	DB-1 6-8 ft	DB-1 16-18 ft	DB-2 2-4 ft	DB-2 10-12 ft	DB-3 2-4 ft	DB-3 10-12 ft	
DRO, mg/kg	100 ¹	12	10	42	<10	<10	<10	<10	<10	<10	<10	
GRO, mg/kg	100 ¹	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
<u>Detected VOCs, µg/kg</u>												
n-Butylbenzene	**	<25	<25	<25	<25	<25	25	<25	<25	<25	<25	
Ethylbenzene	2900	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
n-Propylbenzene	**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
1,2,4 Trimethylbenzene	**	<25	<25	<25	<25	<25	27	<25	<25	<25	<25	
Napthalene	**	<25	<25	<25	<25	<25	29	<25	<25	<25	<25	
Xylenes	4100	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	
<u>Detected PAHs, µg/kg</u>												
Acenaphthene	60000000/900000 ^{2,3}	<21	<40	<21	<21	----	----	----	----	----	----	
Acenaphthylene	360000/18000 ^{2,3}	<24	<41	<24	<24	----	----	----	----	----	----	
Anthracene	300000000/5000000 ^{2,3}	<36	<39	<36	<36	----	----	----	----	----	----	
Benzo(a)anthracene	3900/88 ^{2,3}	<23	<36	<23	<23	----	----	----	----	----	----	
Benzo(a)pyrene	390/8.8 ^{2,3}	<34	<40	<34	<34	----	----	----	----	----	----	
Benzo(b)fluoranthene	3900/88 ^{2,3}	<46	<60	<46	<46	----	----	----	----	----	----	
Benzo(g,h,i)perylene	39000/1800 ^{2,3}	<29	<80	<29	<29	----	----	----	----	----	----	
Benzo(k)fluoranthene	39000/880 ^{2,3}	<48	<91	<48	<48	----	----	----	----	----	----	
Chrysene	390000/8800 ^{2,3}	<42	<40	<42	<42	----	----	----	----	----	----	
Dibenz(a,h)anthracene	390/8.8 ^{2,3}	<18	<80	<18	<18	----	----	----	----	----	----	
Fluoranthene	40000000/600000 ^{2,3}	<38	<33	<38	<38	----	----	----	----	----	----	
Fluorene	40000000/600000 ^{2,3}	<47	<38	<47	<47	----	----	----	----	----	----	
Indeno(1,2,3-cd)pyrene	3900/88 ^{2,3}	<18	<28	<18	<18	----	----	----	----	----	----	
1-Methylnaphthalene	70000000/1100000 ^{2,3}	<31	<31	<31	<31	----	----	----	----	----	----	
2-Methylnaphthalene	40000000/600000 ^{2,3}	<21	<21	<21	<21	----	----	----	----	----	----	
Naphthalene	110000/20000 ^{2,3}	<30	<34	<30	<30	----	----	----	----	----	----	
Phenanthrene	390000/18000 ^{2,3}	<35	<47	<35	<35	----	----	----	----	----	----	
Pyrene	30000000/500000 ^{2,3}	<45	64	<45	<45	----	----	----	----	----	----	

Notes:

- Notes: Samples collected June 29 – June 30, 2000
- Assumes hydraulic conductivity greater than 1×10^{-6} cm/s.
 - NR 720 RCLs for an industrial/nonindustrial site.
 - Only PVOCs were analyzed.
- RCL Residual Contaminant Levels
TMB Trimethylbenzene
- Highlighted values exceed NR720 RCLs.

-- Not Analyzed.
** No RCL for compound.
Italics indicate values between LOD and LOQ.

Table C-3
Former LUST Area Site Investigation Soil Analytical Results Summary
Dane County Highway / BT² Project #774
 (Results are in mg/kg)

Sample	Sample Date	Depth (feet)	DRO	GRO	B	E	T	X	1,2,4- TMB	1,3,5- TMB	MTBE	Lead	Other VOCs
B101 S10	3/13/95	24	130	120	<0.25	0.61	0.4	2.3	12	4.3	<0.25	1.28	n-Butylbenzene 12 sec-Butylbenzene 0.83 tert-Butylbenzene 0.18 Isopropylbenzene 0.58 p-Isopropyltoluene 0.25 Methylene Chloride 0.44 Naphthalene 0.78 n-Propylbenzene 1.7
B101X S1	3/13/95	7	<1.4	<1.0	<0.025	<0.025	<0.025	0.026	0.026	<0.025	<0.025	9.35	
B106 S4	11/16/95	12	<4.4	<3.1	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	14	NA
B106 S9	11/16/95	24	50	62	<0.025	0.098	<0.025	0.59	1.8	8.5	<0.025	4.2	NA
B107 S4	11/16/95	12	3.4	<2.6	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	6.9	NA
B107 S10	11/16/95	26	<3.4	<2.7	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.5	NA
MW101 S5	3/13/95	12	550	110	<0.025	0.036	0.027	0.163	0.27	0.2	<0.025	10.2	n-Butylbenzene 0.61 sec-Butylbenzene 0.21 tert-Butylbenzene 0.15 Isopropylbenzene 0.079 p-Isopropyltoluene 0.27 n-Propylbenzene 0.19
MW101 S7	3/13/95	17	<1.4	<1.0	<0.025	<0.025	<0.025	0.041	<0.025	<0.025	<0.025	3.37	
MW101 S10	3/13/95	25	5,200	460	0.027	0.33	0.55	2.9	2.3	0.74	<0.025	3.01	n-Butylbenzene 1.5 sec-Butylbenzene 0.13 tert-Butylbenzene 0.04 Isopropylbenzene 0.11 p-Isopropyltoluene 0.035 Naphthalene 0.99 n-Propylbenzene 0.28
MW102 S5	8/10/95	13	<3.9	<2.6	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.4	ND
MW102 S9	8/10/95	22	<3.8	<2.9	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.8	ND
MW103 S5	8/10/95	13	<3.1	<2.6	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.4	ND
MW103 S10	8/10/95	24	4.7	<2.7	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.5	ND
MW104 S5	8/11/95	13	<3.8	<3.6	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.4	ND
MW104 S9	8/11/95	23	<3.5	<2.6	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.5	ND
MW105 S4	11/16/95	12	<3.6	<2.9	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<3.8	NA
Methanol Blank	3/13/95	--	NA	<1.0	<0.025	<0.025	<0.025	0.03	0.034	<0.025	<0.025	NA	NA
	8/10/95	--	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/11/95	--	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/16/95	--	NA	<2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NA	NA
NR 720 Generic Soil Standards			100	100	0.0055	2.9	1.5	4.1	NE	NE	NE	50	
NR 720.19 Soil Standards (Appendix G)			NE	NE	0.013	4	2.6	8	NE	NE	NE	NE	

ABBREVIATIONS:

DRO = Diesel Range Organics
 T = Toluene
 ND = Not Detected

GRO = Gasoline Range Organics
 X = Xylenes
 NE = Not Established

B = Benzene
 TMB = Trimethylbenzene
 NA = Not Analyzed

E = Ethylbenzene
 MTBE = Methyl-tert-butyl ether

LABORATORY NOTES:

The analytical laboratory provided comments or qualifiers for some of the results shown in the table.

Table C-4
Former Active UST and AST Site Assessment Soil Analytical Results
Dane County Garage #5, Springfield Corners, Wisconsin / BT² Project # 2496
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID ppm	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE
Diesel and Gasoline Underground Storage Tanks												
G1	3/9/2004	9.5	0.4	NA	<5.20	NA	NA	NA	NA	NA	NA	NA
G2	3/9/2004	9.5	1.3	NA	<5.41	NA	NA	NA	NA	NA	NA	NA
G3	3/9/2004	3	3.5	NA	<6.23	NA	NA	NA	NA	NA	NA	NA
G4	3/9/2004	4	4.3	NA	<6.41	NA	NA	NA	NA	NA	NA	NA
G5	3/9/2004	4	1.5	NA	<6.38	NA	NA	NA	NA	NA	NA	NA
G6	3/9/2004	4	6.0	NA	<6.49	NA	NA	NA	NA	NA	NA	NA
D1	3/9/2004	12	2.1	<5.24	NA	NA	NA	NA	NA	NA	NA	NA
D2	3/9/2004	12	2.0	<5.32	NA	NA	NA	NA	NA	NA	NA	NA
D3	3/9/2004	12	6.0	<5.28	NA	NA	NA	NA	NA	NA	NA	NA
D4	3/9/2004	5	2.6	<6.28	NA	NA	NA	NA	NA	NA	NA	NA
D5	3/9/2004	5	4.8	9.39 D3	NA	NA	NA	NA	NA	NA	NA	NA
Waste Oil Above Ground Storage Tank												
WO1	3/9/2004	1.25	4.8	15.9 D2B, D5	<6.32	<25	<25	<25	<50	<25	<25	<25
WO2	3/9/2004	1.25	4.1	<5.90	<5.90	<25	<25	<25	<50	<25	<25	<25
NR 720 Residual Contaminant Level (RCL)				100	100	5.5	2,900	1,500	4,100	NE	NE	NE
NR 746 Table 1				NE	NE	8,500	4,600	38,000	42,000	83,000	11,000	NE
NR 746 Table 2				NE	NE	1,100	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
NE = Not Established

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
PID = Photo-Ionization Detector
TMB = Trimethylbenzene

NOTES:

Bold values exceed NR 720 RCLs.

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.

NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.

NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

LABORATORY NOTES:

D2B = The chromatogram is characteristic for a heavier petroleum product other than diesel (i.e., motor oil, hydraulic oil, etc.).

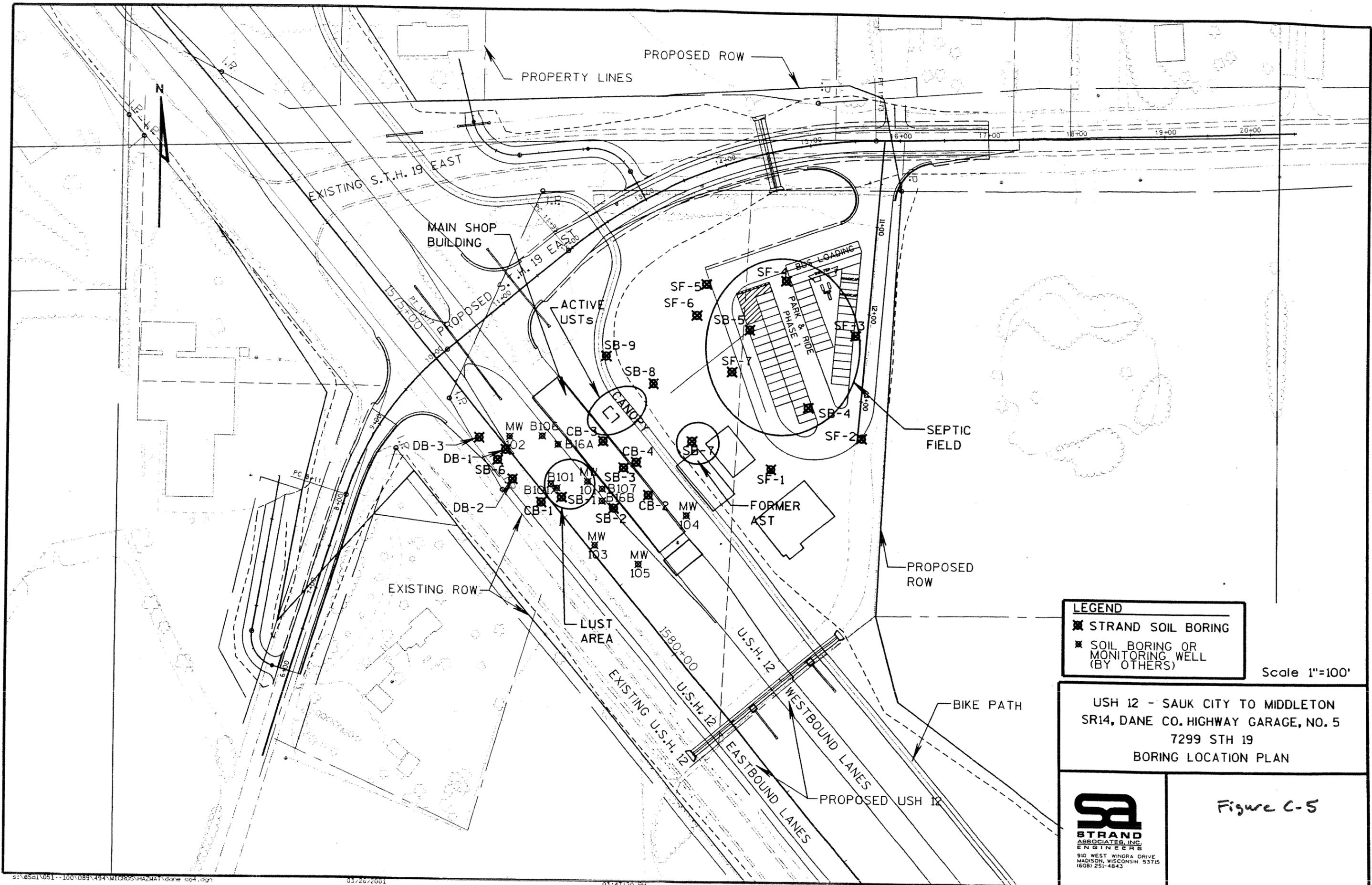
D3 = The chromatogram is not characteristic for diesel or any single common petroleum product.

D5 = The chromatogram contained significant peaks and a raised baseline outside the DRO window.

Created by: LJM 3/25/2004

Checked by: LJM 3/26/2004

I:\2496\Tables-General\Soil_VOCs.xls\Soil VOCs



LEGEND

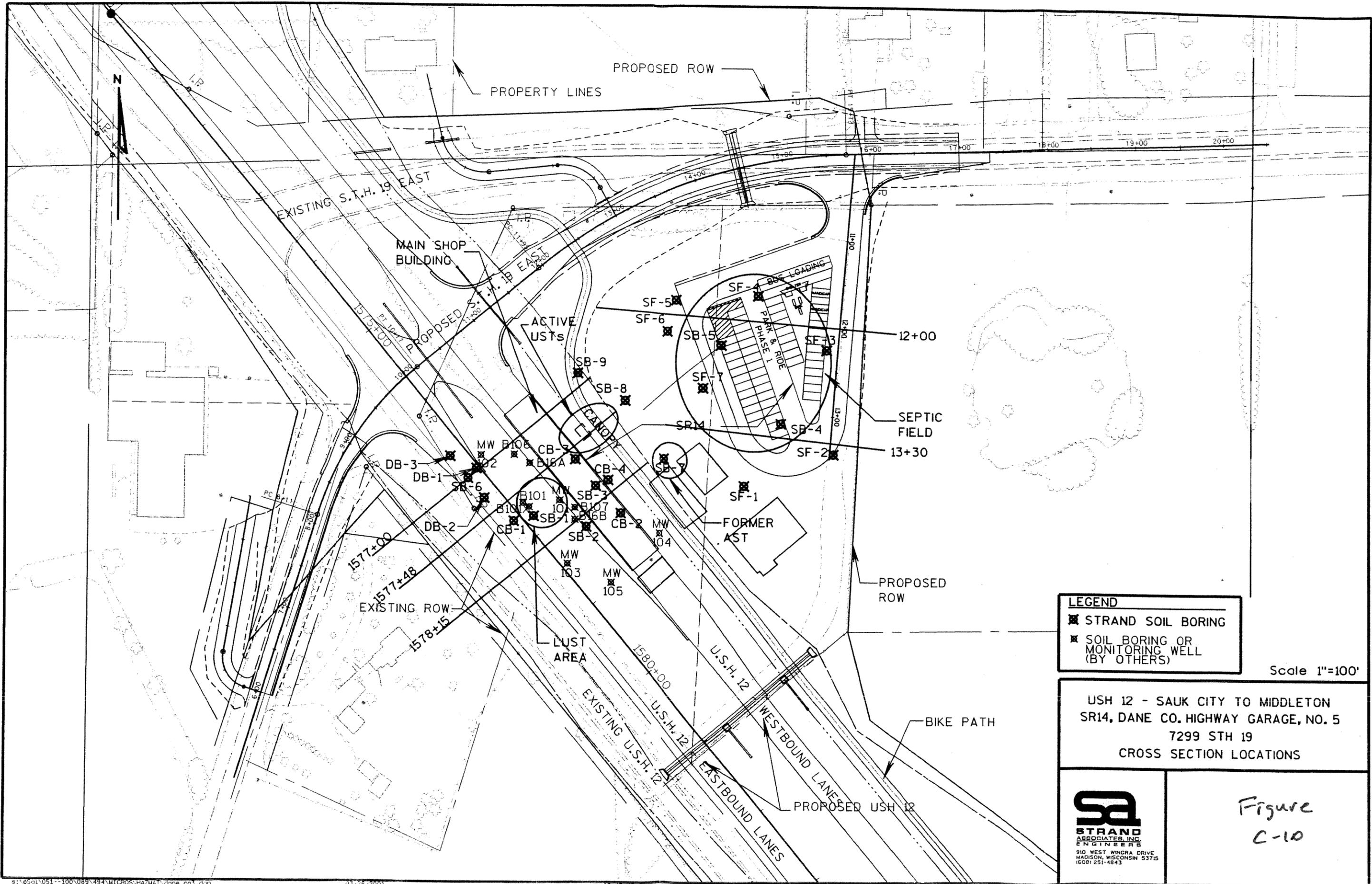
- ☒ STRAND SOIL BORING
- ☒ SOIL BORING OR MONITORING WELL (BY OTHERS)

Scale 1"=100'

USH 12 - SAUK CITY TO MIDDLETON
 SR14, DANE CO. HIGHWAY GARAGE, NO. 5
 7299 STH 19
 BORING LOCATION PLAN



Figure C-5



LEGEND

- ☒ STRAND SOIL BORING
- ☒ SOIL BORING OR MONITORING WELL (BY OTHERS)

Scale 1"=100'

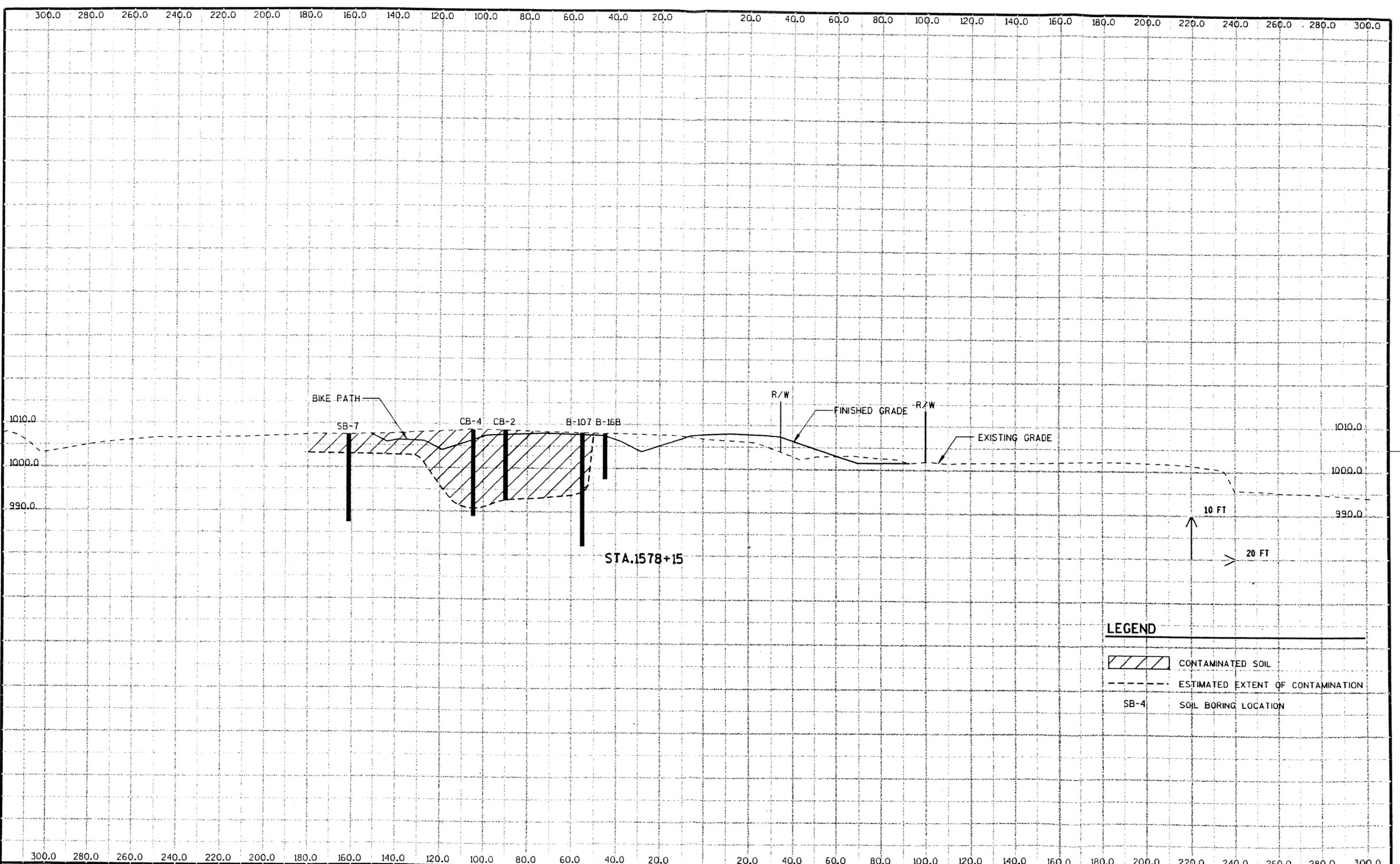
USH 12 - SAUK CITY TO MIDDLETON
 SR14, DANE CO. HIGHWAY GARAGE, NO. 5
 7299 STH 19
 CROSS SECTION LOCATIONS

STRAND
 ASSOCIATES, INC.
 ENGINEERS

910 WEST WINDRA DRIVE
 MADISON, WISCONSIN 53715
 (608) 251-4843

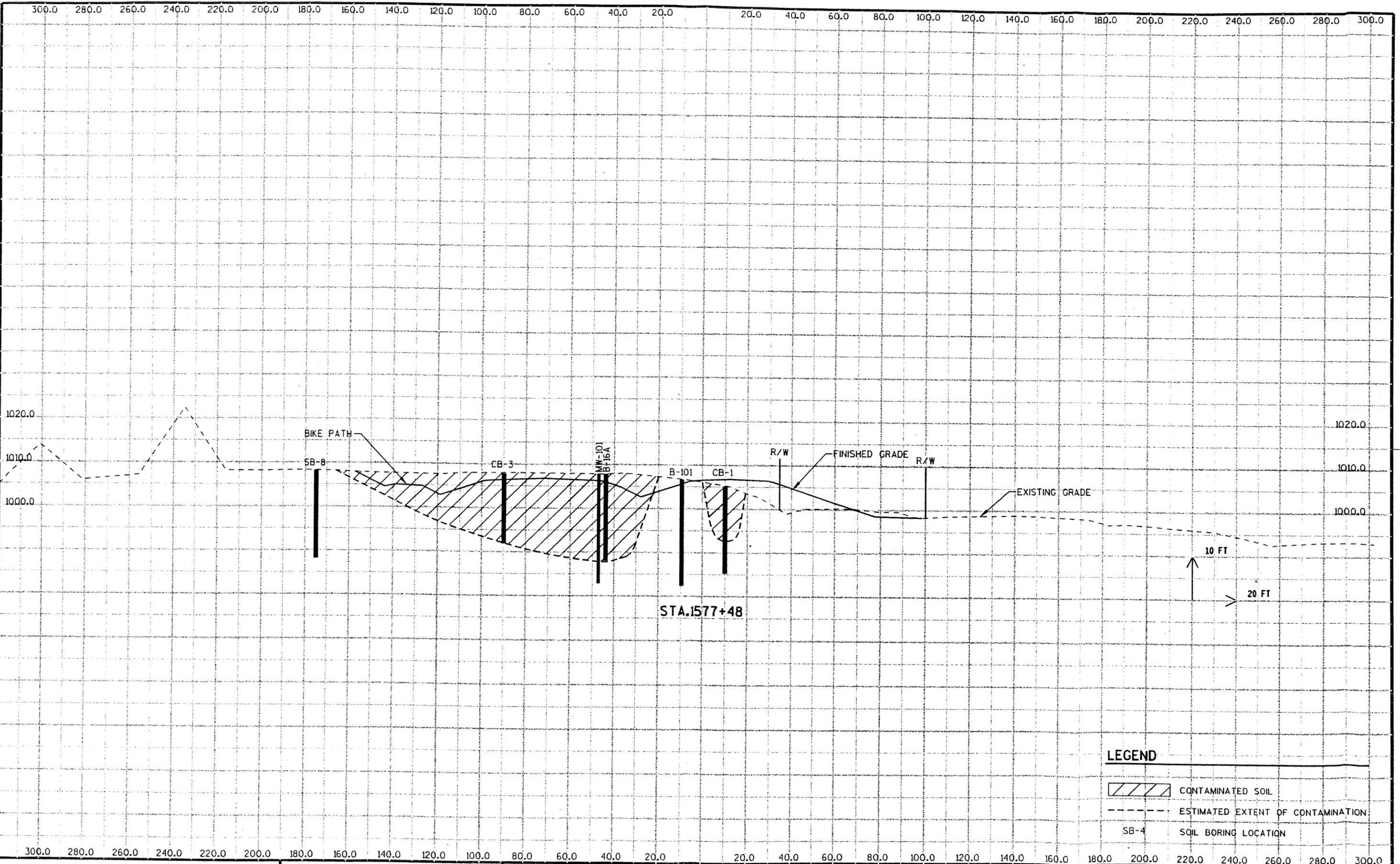
Figure
 C-10

LEVELS ON = 1.2, 2.5, 3.8, 5.1, 6.4, 7.7, 9.0, 10.3, 11.6, 12.9, 14.2, 15.5, 16.8, 18.1, 19.4, 20.7, 22.0, 23.3, 24.6, 25.9, 27.2, 28.5, 29.8, 31.1, 32.4, 33.7, 35.0, 36.3, 37.6, 38.9, 40.2, 41.5, 42.8, 44.1, 45.4, 46.7, 48.0, 49.3, 50.6, 51.9, 53.2, 54.5, 55.8, 57.1, 58.4, 59.7, 61.0, 62.3, 63.6, 64.9, 66.2, 67.5, 68.8, 70.1, 71.4, 72.7, 74.0, 75.3, 76.6, 77.9, 79.2, 80.5, 81.8, 83.1, 84.4, 85.7, 87.0, 88.3, 89.6, 90.9, 92.2, 93.5, 94.8, 96.1, 97.4, 98.7, 100.0

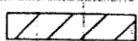
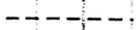


STATE PROJECT NUMBER: 5300-03-01 HWY: USH 12 COUNTY: DANE, GARAGE #5 CROSS SECTIONS AT STA. 1578+15 FIGURE: C-11

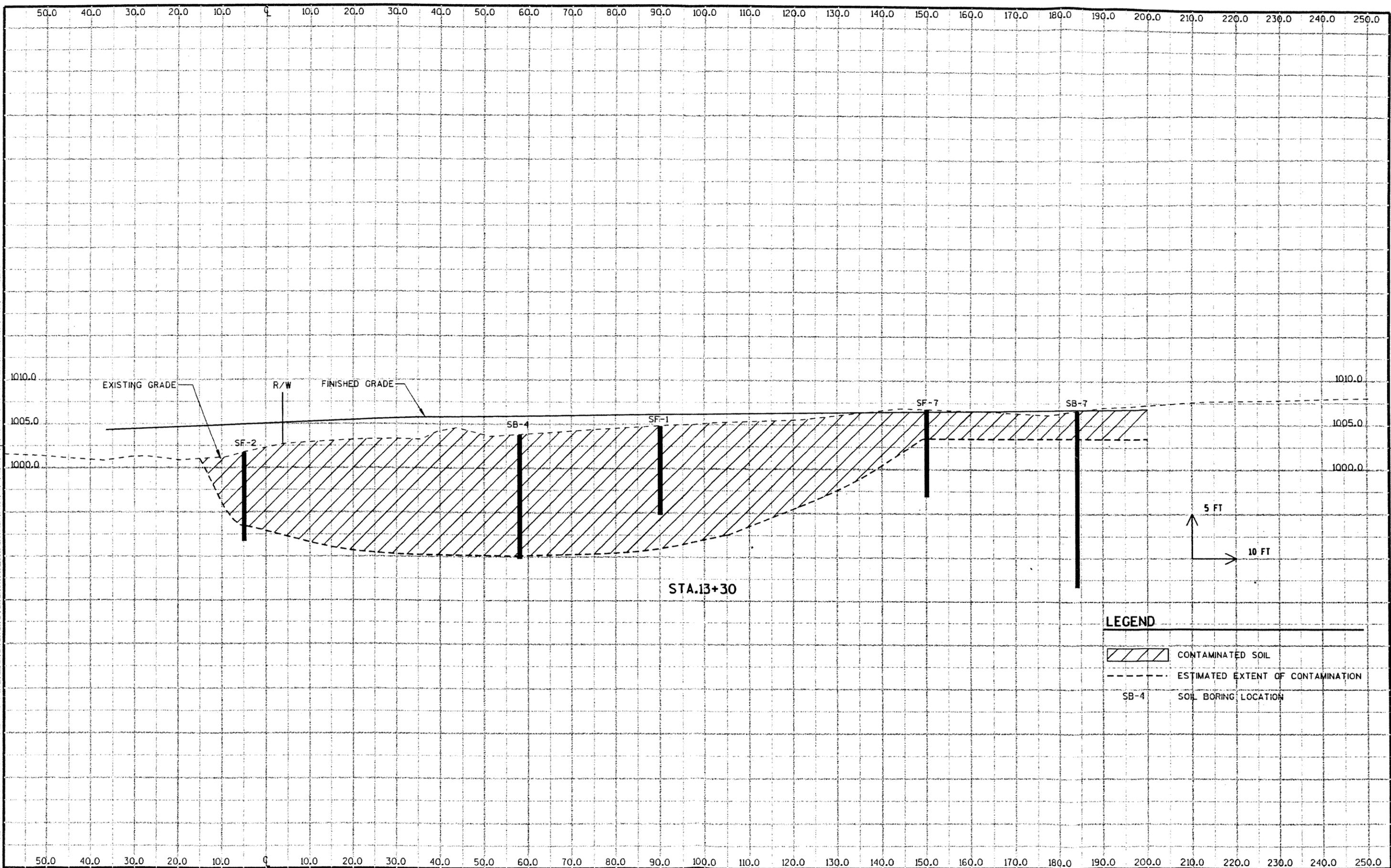
LEVELS ON - 1.2, 2.3, 3.4, 4.5, 5.6, 6.7, 7.8, 8.9, 9.0, 10.1, 11.2, 12.3, 13.4, 14.5, 15.6, 16.7, 17.8, 18.9, 19.0, 20.1, 21.2, 22.3, 23.4, 24.5, 25.6, 26.7, 27.8, 28.9, 29.0, 30.1, 31.2, 32.3, 33.4, 34.5, 35.6, 36.7, 37.8, 38.9, 40.1, 41.2, 42.3, 43.4, 44.5, 45.6, 46.7, 47.8, 48.9, 50.1, 51.2, 52.3, 53.4, 54.5, 55.6, 56.7, 57.8, 58.9, 60.1, 61.2, 62.3



LEGEND

-  CONTAMINATED SOIL
-  ESTIMATED EXTENT OF CONTAMINATION
-  SB-4 SOIL BORING LOCATION

STATE PROJECT NUMBER: 5300-03-01 HWY: USH 12 COUNTY: DANE, GARAGE #5 CROSS SECTIONS AT STA. 1577+48 FIGURE: C-12



STATE PROJECT NUMBER: 5300-03-01 | HWY: USH 12 | COUNTY: DANE, GARAGE #5 | CROSS SECTIONS AT STA. 13+30 | FIGURE: C-15

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63