

REVISED
1:17 pm, Jan 06, 2015

**POST
CLOSURE**

Source Property Information

CLOSURE DATE: 06/28/1999

BRRTS #: 03-41-002139

ACTIVITY NAME: MILWAUKEE STOCK YARD

PROPERTY ADDRESS: 1207 W Canal St (pka 1301 W Canal St)

MUNICIPALITY: Milwaukee

PARCEL ID #: 4260132000

FID #: 241588820

DATCP #:

PECFA#:

***WTM COORDINATES:**

X: 688881 Y: 286362

** Coordinates are in
WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

Groundwater Contamination > ES (236)

- Contamination in ROW
- Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

Soil Contamination > *RCL or **SSRCL (232)

- Contamination in ROW
- Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

Site Specific Obligations:

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations
between non-industrial and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

- Direct Contact
- Soil to GW Pathway

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

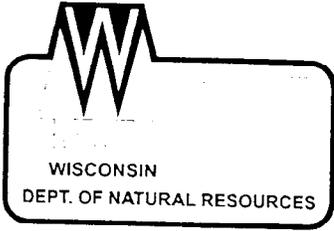
Are all monitoring wells properly abandoned per NR 141? (234)

- Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

MSY 01 - 1408 - 0954



State of Wisconsin \ DEPARTMENT NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Regional Headquarters
2300 N. Dr. ML King Drive, PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8483
TDD 414-263-8713

June 29, 1999

Mr. Gary Sutherland, Manager
Milwaukee Stockyards
104 S. Emmer Ln.
Milwaukee, WI 53233

FID 241588820
BRRTS 0341002139

Subject: Closure request for Milwaukee Stockyards located at 104 s. Emmer Ln, Milwaukee WI

Dear Mr. Sutherland:

The Department has received the monitoring well abandonment documentation and a copy of the receipt from the recording of the groundwater use restriction. The Department considers this case in compliance with NR 726, WI Adm. Code, and considers this case officially closed and tracked as such on the Department's tracking system. After a copy of the recorded deed is received, please submit a copy to the Department for our records.

For expedient processing, please send all future correspondence to the attention of Brenda Brown - RR Program Assistant at the above address. Please include that I, Michelle McGee, am the current reviewer of the case.

If you have any questions regarding this letter, please contact me at the above address or at (414) 263-8644.

Sincerely,

Michelle M. McGee
Hydrogeologist
Remediation and Redevelopment Program

cc: Kirsten Jurcek, Northern Environmental
SER case file



CORRESPONDENCE/MEMORANDUM

DATE: December 13, 2014

SUBJECT: Applicability of Groundwater Use Restriction
Milwaukee Stock Yard
WDNR BRRTS #: 03-41-002139
FID #: 241588820

On June 28, 1999 the Wisconsin Department of Natural Resources (WDNR) granted closure to the site listed above. Prior to closing the site, the WDNR required that a groundwater use restriction be posted to the property deed to address residual contamination. Specifically, this deed restriction was applied to address concentrations of benzene detected in samples collected from MW-2400 at concentrations greater than the NR 140 Enforcement Standard.

On November 3, 2004 a groundwater sample was collected from sampling location GP-4 to determine if groundwater contamination remained in the vicinity of MW-2400. Laboratory analysis of this sample indicated that concentration of benzene has declined to below the Enforcement Standard. Therefore, the groundwater use restriction would no longer apply to this property.

Attachments:

- Table 2, Groundwater Analytical Results – Hydraulic Probe Borings (STS, Dec. 30, 2004)
- Figure 3, Soil and Groundwater Exceedances (STS, Dec. 3, 2004)

Paul Grittner
Hydrogeologist
Remediation and Redevelopment

Table 2
Groundwater Analytical Results - Hydraulic Probe Borings
Milwaukee Stockyards
104 South Emmer Lane
Milwaukee, Wisconsin
STS Project No. 5-87769XA

Parameter	NR 140 Groundwater Quality Standards		GP-1 11/3/04	GP-4 11/3/04	GP-5 11/3/04	GP-6 11/3/04	Trip Blank 11/3/04
	ES ^A	PAL ^B					
	Metals (µg/L)						
Arsenic	10	1	<5.00	<5.00	<5.00	<5.00	NA
Barium	2,000	400	748^B	<400	<400	451^B	NA
Cadmium	5	0.5	<0.500	<0.500	<0.500	<0.500	NA
Chromium	100	10	<10.0	<10.0	<10.0	<10.0	NA
Lead	15	1.5	<1.50	<1.50	<1.50	<1.50	NA
Mercury	2	0.2	<0.200	<0.200	<0.200	<0.200	NA
Selenium	50	10	<10.0	<10.0	<10.0	<10.0	NA
Silver	50	10	<10.0	<10.0	<10.0	<10.0	NA
Detected VOCs (µg/L)							
Benzene	5	0.5	<0.500	<0.500	32.9^A	<0.500	<0.500

Notes:

VOCs = Volatile Organic Compounds

^AResults exceed the NR140, WAC Enforcement Standard (ES)

^BResults exceed the NR140, WAC Preventative Action Limit (PAL)

-- No NR 140 ES or PAL established

POST CLOSURE

STS CONSULTANTS
 11425 W. Lake Park Drive
 Milwaukee, WI 53224
 414-359-3030
 www.stsconsultants.com
 Copyright ©2004, By: STS Consultants, Ltd.

SOIL PARAMETERS
PAHs (ug/kg)
 BaP - Benzo(a)Pyrene
 Phen - Phenanthrene
 Acen - Acenaphthylene
 Naph - Naphthalene
VOCs (ug/kg)
 Bnz - Benzene
 Naph - Naphthalene
 Tol - Toluene
Metals (mg/kg)
 As - Arsenic
 Pb - Lead

GROUNDWATER PARAMETERS
VOCs (ug/L)
 Bnz - Benzene
 Ba - Barium
 BaP - Benzo(a)Pyrene
 BbF - Benzo(b)Fluoranthene
 Chry - Chrysene

SOIL EXCEEDANCES
 Direct Contact (Non-Industrial)
 Direct Contact (Industrial)
 Groundwater Pathway
GROUNDWATER EXCEEDANCES
 Preventive Action Limit
Enforcement Standard
 NE = No Exceedances

GP-5
3-4 Feet
 BaP 19.0
 Bnz 488
 Naph(VOC) 450
 Tol 1760
 As 6.85
 Pb 55.9
6-8 Feet
 BaP 334
 4 PAHs
 Phen 2730
 Bnz 12,900
 Tol 1,620
 As 3.23
 Pb 107
Groundwater
 Bnz 32.9

B-05-2
0-2 Feet
 No PVOC Exceedances
4-6 Feet
 No PVOC Exceedances

B-05-1
1-2 Feet
 No PVOC Exceedances
4-6 Feet
 No PVOC Exceedances

GP-2
2-4 Feet
 BaP 1,600
 4 PAHs
 Phen 2,720
 Bnz 66
 Naph(VOC) 473
 As 11
 Pb 251
4-6 Feet
 NE
8-9 Feet
 NE

GP-1
1.8-4.0 Feet
 BaP 592
 4 PAHs
 As 3.17
Groundwater
 Ba 748

MW-05-2
Groundwater
 BaP 0.12
 BbF 0.0694
 Chry 0.113

GP-8
0-2 Feet
 BaP 69.9
 1 PAH
 Bnz 36.2
 As 13.2
 Pb 118

MW-05-1
2-4 Feet
 No PVOC Exceedances
4-6 Feet
 Bnz 73.4
Groundwater
 BaP 0.0787
 BbF 0.0365
 Chry 0.0883

GP-7
2-4 Feet
 BaP 48
 Bnz 183
 Naph(VOC) 608
 As 7.01

GP-4
0-2 Feet
 BaP 10.9
 As 2.93
Groundwater
 NE

GP-3
2-4 Feet
 BaP 4,140
 3 PAHs
 3 PAHs
 Phen 12,700
 Acen 1,620
 Naph(PAH) 3,720
 Bnz 58.5
 Naph(VOC) 558
 As 16.7
 Pb 125

GP-6
2-4 Feet
 BaP 1,660
 4 PAHs
 Phen 3,340
 As 11.6
 Pb 147

6-8 Feet
 BaP 51.5
 1 PAH
 As 4.10

14-15 Feet
 BaP 107
 2 PAHs
 Naph(VOC) 763
 As 12.4
 Pb 117

Groundwater
 Ba 451

LEGEND

- GP-6/TW/M SOIL PROBE/TEMPORARY WELL METHANE MONITORING
- GP-1/TW SOIL PROBE/TEMPORARY WELL
- GP-8/M SOIL PROBE/METHANE MONITORING
- ⊕ B-1 GEOTECHNICAL SOIL BORING
- ⊕ SB-33 FORMER SOIL BORING
- ⊕ MW-5 FORMER MONITORING WELL
- ▲ No.2 BENCH MARK DESIGNATION

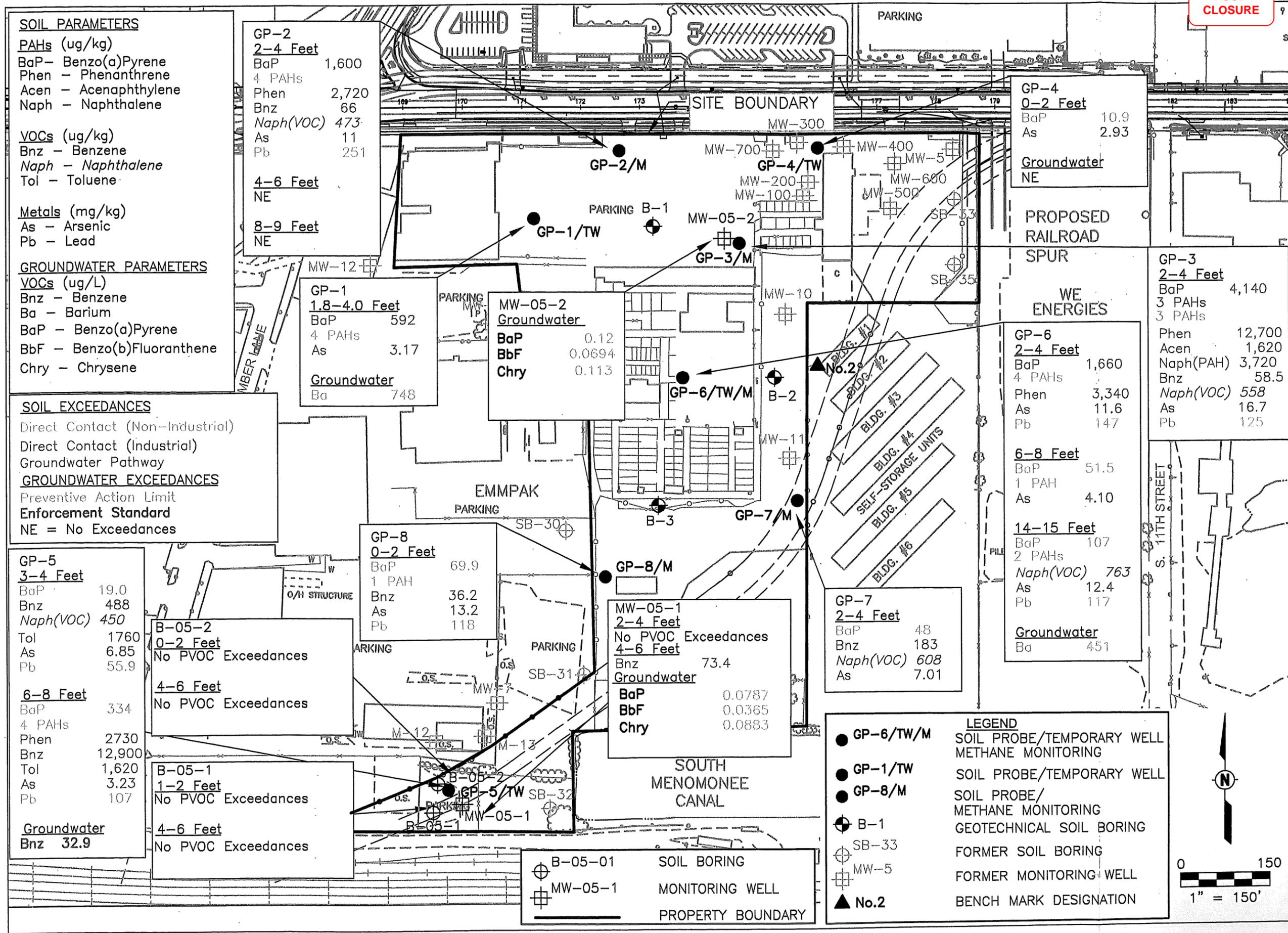
- ⊕ B-05-01 SOIL BORING
- ⊕ MW-05-1 MONITORING WELL
- PROPERTY BOUNDARY

Scale: 1" = 150'

North Arrow

Drawn: REO 12/03/2004
 Checked: DXL 12/03/2004
 Approved: DXL 12/03/2004
 PROJECT NUMBER: 587769XD
 FIGURE NUMBER: 3

SOIL AND GROUNDWATER EXCEEDANCES
 SUPPLEMENTAL PHASE II ESA
 104 S. EMBER LANE
 MILWAUKEE, WISCONSIN



November 10, 1999
(MSY 01-1408-0954)

Ms. Brenda Brown
Wisconsin Department of Natural Resources
2300 North Dr. Martin Luther King Jr. Drive
Post Office Box 12436
Milwaukee, Wisconsin 53212-0436

RE: Ground-water Use Restriction Documentation, Milwaukee Stockyards, 104 South
Emmber Lane, Milwaukee; FID #241588820, BRRTS # 0341002139

Dear Ms. Brown:

Per the letter from your office dated June 29, 1999, enclosed is a copy of the Ground-water Use Restriction at 104 South Emmber Lane, Milwaukee, Wisconsin. This document was processed and filed with the Register of Deeds Office of Milwaukee County. Please retain a copy of this document for your records.

If you have any question, please call me at (414) 241-3133.

Sincerely,
**Northern Environmental
Technologies, Incorporated**


Kirsten S. Jurcek
Project Manager

KSJ/kai
Enclosure
c: Mr. Gary Sutherland, Milwaukee Stockyards

7734294

REEL 4551 IMAGE 852

Document Number

GROUNDWATER USE RESTRICTION

Declaration of Restrictions

In Re: Parcel A of certified survey map no. 2441 in the northeast 1/4 of section 31-7-22 and northwest 1/4 of section 32-7-22.

STATE OF WISCONSIN)
) ss
COUNTY OF Milwaukee)

WHEREAS, Peck Foods Corp., Inc. is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Benzene contaminated ground water above NR 140 enforcement standards exists on this property near ground-water monitoring well MW 2400. (See attached map, FIGURE 3).

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil or groundwater remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be

1999
REGISTER'S OFFICE }
Milwaukee County, WI } 88
RECORDED AT _____ } 1 20 PM
APR 28 1999
REEL 4551 IMAGE 852 TO 854
Walter Q. Banzel REGISTER INCL.
OF DEEDS

Recording Area

Name and Return Address

TIMOTHY P. WOOD
1214 WEST VENTURE COURT
MEQUON WI 53092

RECORD 7734294
16.00

426-0031-000-8

Parcel Identification Number (PIN)

1600

extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction is no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 15 day of April, 1999.

Signature: [Handwritten Signature]
Printed Name: Dennis Crisafulli
PECK FOODS CORP.

Subscribed and sworn to before me
this 15th day of April, 1999.

Christine Kerber
Notary Public, State of WI
My commission 4/30/00

This document was drafted by the Wisconsin Department of Natural Resources.

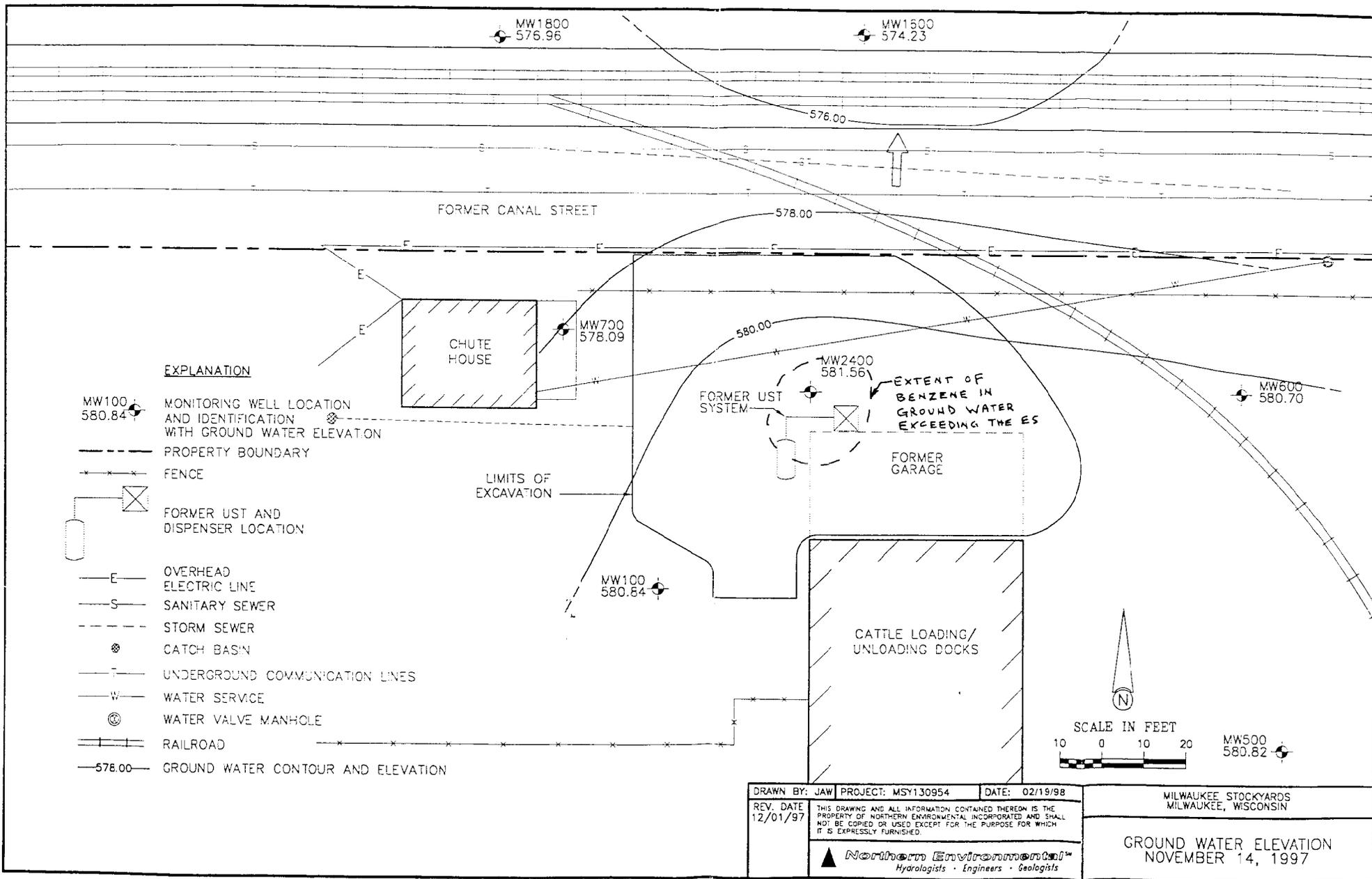


FIGURE 3

C:\SHARE\DVPROJ\CTE\MSY130954\FIGURE3.DWG, 02/19/98

BRRTS #: 02-41-540548, 02-41-546856, 03-41-002139

FID #: 241588820

SITE NAME: STOCKYARD GP-5 AREA, MAIN PARCEL, MILWAUKEE STOCK YARD

Associated VPLE Site

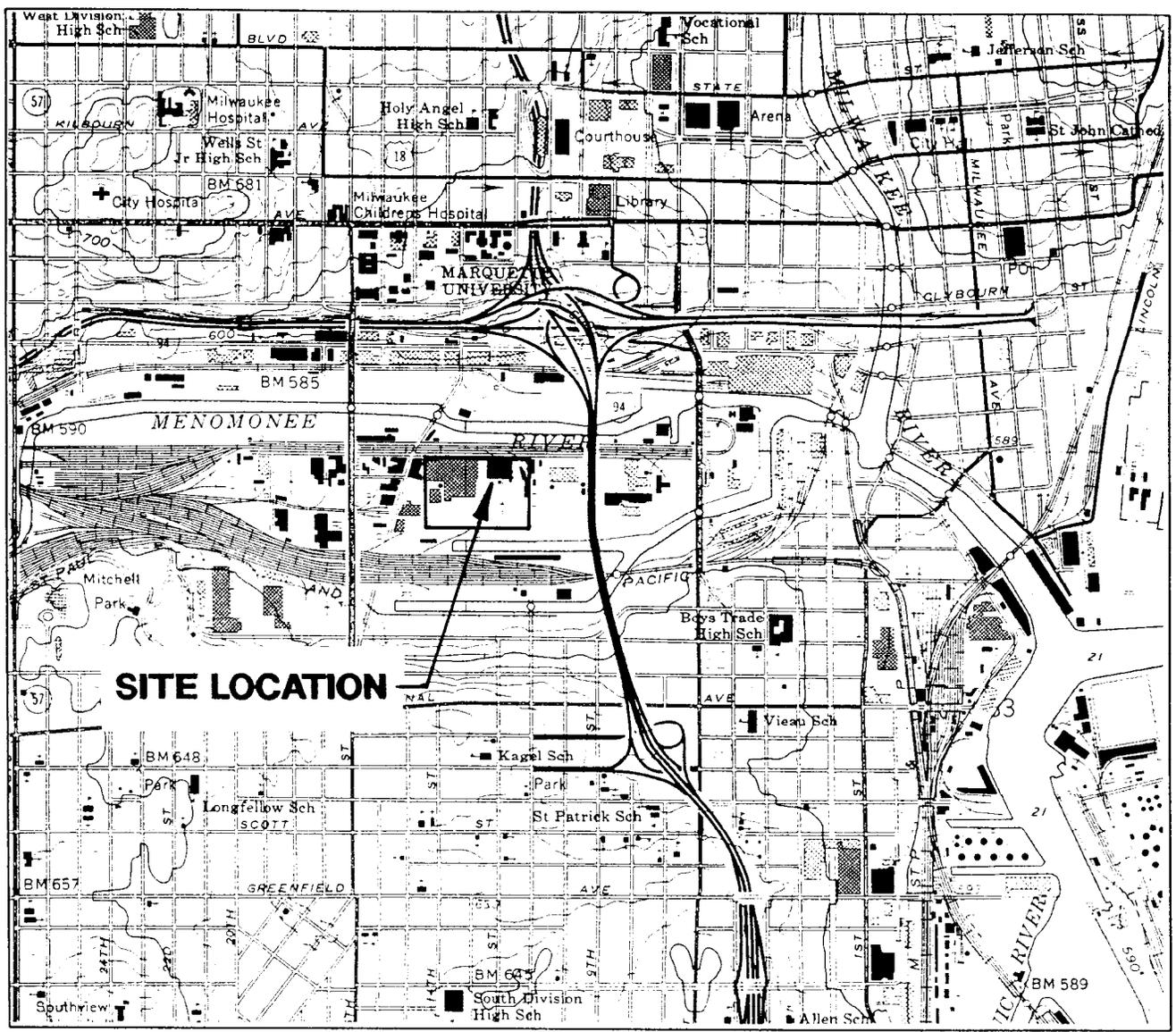
To view the Certificate of Completion (COC) for this site click on the link below:

BRRTS #

SITE NAME

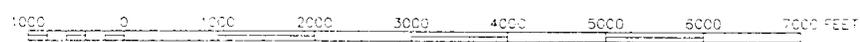
06-41-562057

[MILWAUKEE STOCKYARD FMR](#)



SITE LOCATION

SCALE 1" = 2000'



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

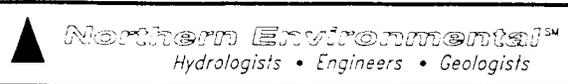


BASE MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SERIES, MILWAUKEE, WI 1971

DRAWN BY: JAW PROJECT: MSY130954 DATE: 02/19/98

REV. DATE
10/03/97

THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

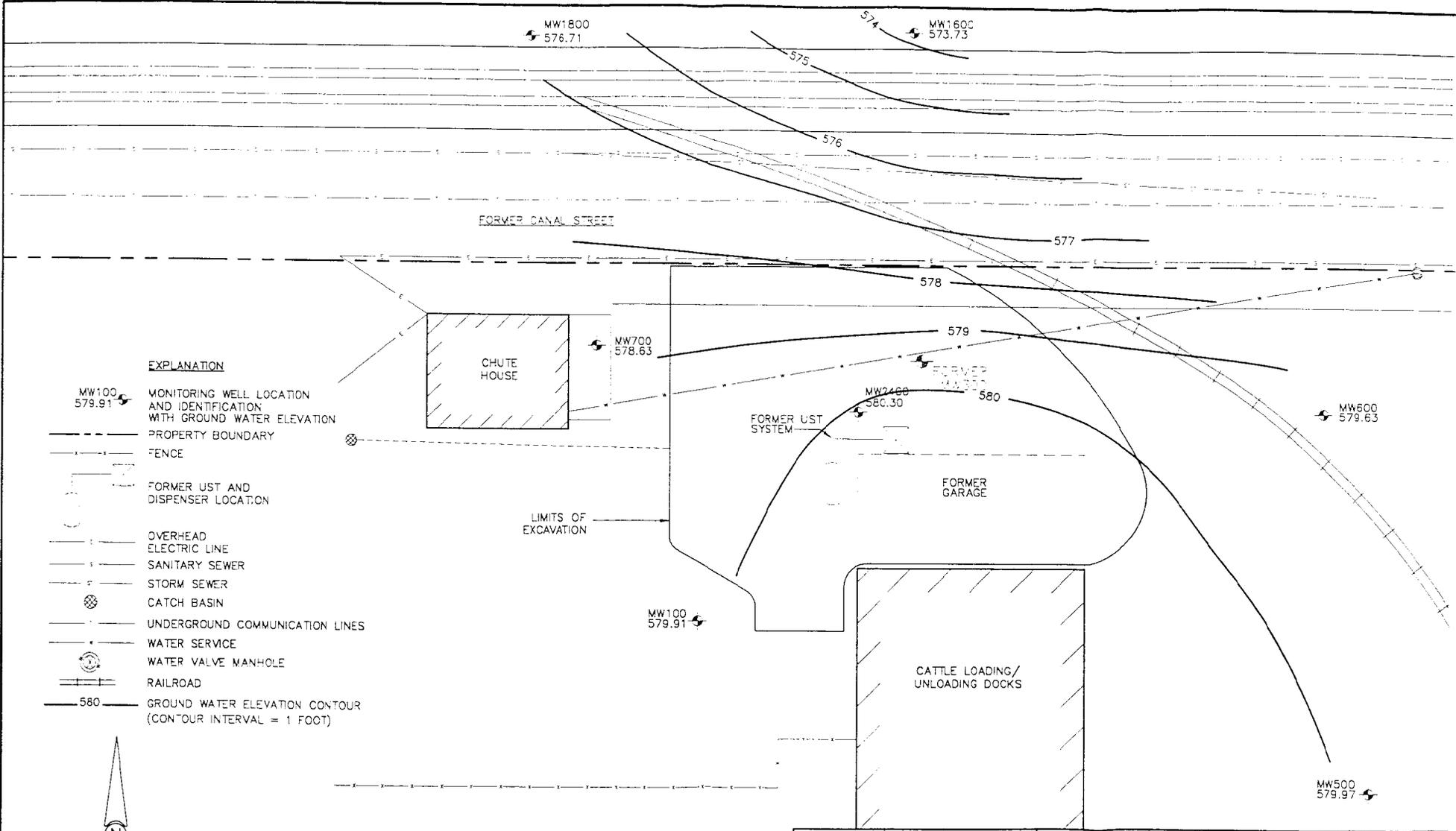


MILWAUKEE STOCKYARDS
MILWAUKEE, WISCONSIN

SITE LOCATION AND
LOCAL TOPOGRAPHY

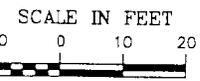
FIGURE 1

G:\SHARED\PROJECTS\MSY130954\FIGURES\021998-1



EXPLANATION

- MW100 579.91 MONITORING WELL LOCATION AND IDENTIFICATION WITH GROUND WATER ELEVATION
- PROPERTY BOUNDARY
- - - FENCE
- FORMER UST AND DISPENSER LOCATION
- OVERHEAD ELECTRIC LINE
- SANITARY SEWER
- STORM SEWER
- ⊗ CATCH BASIN
- UNDERGROUND COMMUNICATION LINES
- WATER SERVICE
- ⊙ WATER VALVE MANHOLE
- RAILROAD
- 580 — GROUND WATER ELEVATION CONTOUR (CONTOUR INTERVAL = 1 FOOT)



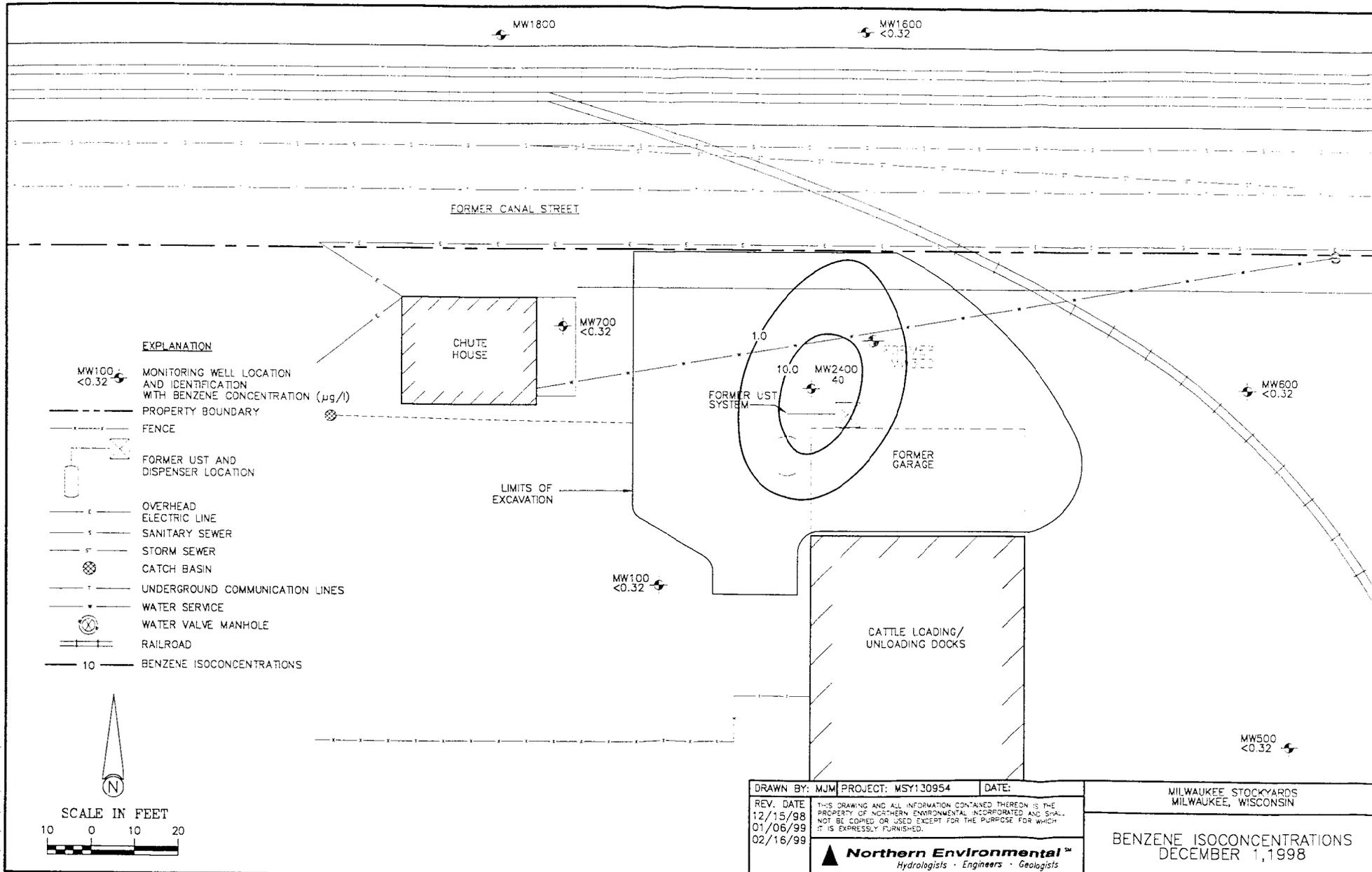
DRAWN BY: MJM	PROJECT: MSY130954	DATE: 1/5/99
REV. DATE: 12/15/98	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.	
02/16/99		

Northern EnvironmentalSM
Hydrologists • Engineers • Geologists

MILWAUKEE STOCKYARDS
MILWAUKEE, WISCONSIN

GROUND WATER ELEVATIONS
DECEMBER 1, 1998

FIGURE 1



K:\CAD\NET\DWG\MSY\SUB\K121598-2.DWG

FIGURE 2

Table 2 Ground-Water Quality Laboratory Results, Milwaukee Stockyards, Milwaukee, Wisconsin

Well Number	Date Collected	DRC	GRO	Laboratory Results (micrograms per liter)															
				Dissolved Lead	Detected Volatile Organic Compounds														
				Benzene	n-Butylbenzene	sec-Butylbenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	Toluene	1,2,3-Tri-chloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total xylenes		
MW100	07/01/92	1000	<60	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
	02/07/96	<100	<11.0	3.0	<0.6	-	-	<0.57	-	<1.2	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
	11/21/96	210	<100	-	<0.7	-	-	<0.7	-	<0.5	-	<1.0	-	<1.0	<1.0	<0.84	<2.5		
	11/14/97	-	-	-	<0.21	-	-	<0.68	-	<0.21	-	<1.5	-	<1.0	<1.0	<0.86	<2.0		
	02/17/98	-	-	-	<0.21	-	-	<0.68	-	<0.21	-	<1.5	-	<1.0	<1.0	<0.86	<1.8		
	05/08/98	-	-	-	<0.25	-	-	<0.32	-	<0.21	-	<1.5	-	<1.0	<1.0	<0.86	<1.8		
	08/20/98	-	-	-	<0.32	-	-	<0.34	-	<0.31	-	<0.35	-	<0.35	<0.34	<0.35	<0.35	<1.0	
	12/01/98	-	-	-	<0.32	-	-	<0.34	-	<0.31	-	<0.35	-	<0.35	<0.35	<0.35	<0.35	<1.0	
MW200	07/01/92	3000	250	<5.0	<1.0	6.5	2.6	<1.0	12.0	4.7	1.3	8.9	3.6	1.2	<1.0	14.0	<1.0	8.6	
	02/07/96	450	220	3.0	0.88	-	-	<1.8	-	<12.0	-	-	-	<10.0	-	9.2	<1.0	3.2	
	11/21/96	600	130	NA	<0.7	-	-	<0.7	-	<0.5	-	-	-	<1.0	-	<1.0	1.1	<2.0	
MW300	07/01/92	16,000	70,000	<5.0	12,000	<1000	<1000	<1000	3500	<1000	<1000	1200	<1000	23,000	<1000	2500	<1000	16,000	
	07/01/92	16,000	72,000	<5.0	12,000	430	<100	<100	3300	100	<100	640	280	23,000	<100	2300	650	15,000	
	02/07/96	30,000	71,000	14.0	6900	-	-	-	2400	-	<30	-	-	12,000	-	2000	650	12,000	
	11/21/96	530,000	170,000	-	9400	-	-	-	5700	-	<50	-	-	27,000	-	9300	3800	31,000	
MW500	02/07/96	<100	<11.0	2.0	<0.6	-	-	-	<0.57	-	<1.2	-	-	<1.0	-	<1.0	<0.84	<2.5	
	02/07/96	-	-	-	<0.6	-	-	-	<0.57	-	<1.2	-	-	<1.0	-	<1.0	<0.84	<2.5	
	11/21/96	<100	<100	-	<0.7	-	-	-	<0.7	-	<0.5	-	-	<1.0	-	<1.0	<0.84	<2.5	
	11/14/97	-	-	-	<0.21	-	-	-	<0.68	-	<0.21	-	-	<1.0	<1.0	<1.0	<0.86	<1.8	
	02/17/98	-	-	-	<0.21	-	-	-	<0.68	-	<0.21	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	05/08/98	-	-	-	<0.25	-	-	-	<0.68	-	<0.21	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	08/20/98	-	-	-	<0.32	-	-	-	<0.32	-	<0.21	-	-	<0.38	<0.34	<0.35	<0.35	<1.0	
	12/01/98	-	-	-	<0.32	-	-	-	<0.34	-	<0.31	-	-	<0.35	<0.35	<0.35	<0.35	<0.98	
MW600	02/07/96	<100	<11.0	1.0	<0.6	-	-	-	<0.57	-	1.5	-	-	<1.0	-	<1.0	<0.84	<2.5	
	11/21/96	<100	<100	-	<0.7	-	-	-	<0.7	-	1.8	-	-	<1.0	-	<1.0	<0.84	<2.5	
	11/14/97	-	-	-	<0.21	-	-	-	<0.68	-	0.28"J"	-	-	<1.0	<1.0	<1.0	<0.86	<1.8	
	02/17/98	-	-	-	<0.21	-	-	-	<0.68	-	0.52"J"	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	05/08/98	-	-	-	0.27"J"	-	-	-	<0.68	-	0.46"J"	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	08/20/98	-	-	-	<0.32	-	-	-	<0.32	-	0.37"J"	-	-	<0.38	<0.34	<0.35	<0.35	<1.0	
	08/20/98	-	-	-	<0.32	-	-	-	<0.34	-	0.50"J"	-	-	<0.35	<0.35	<0.35	<0.35	<0.98	
	12/01/98	-	-	-	<0.32	-	-	-	<0.34	-	0.50"J"	-	-	<0.35	<0.35	<0.35	<0.35	<0.98	
MW700	02/07/96	<100	<11.0	4.0	<0.6	-	-	-	<0.57	-	<1.2	-	-	<1.0	-	<1.0	<0.84	<2.5	
	11/21/96	<100	<100	-	<0.7	-	-	-	<0.7	-	<0.5	-	-	<1.0	<1.0	<1.0	<0.84	<2.5	
	11/14/97	-	-	-	<0.21	-	-	-	<0.68	-	<0.21	-	-	<1.0	<1.0	<1.0	<0.86	<1.8	
	02/17/98	-	-	-	<0.21	-	-	-	<0.68	-	<0.21	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	05/08/98	-	-	-	<0.25	-	-	-	<0.68	-	<0.21	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	08/20/98	-	-	-	<0.32	-	-	-	<0.32	-	<0.21	-	-	<0.38	<0.34	<0.35	<0.35	<1.0	
	08/20/98	-	-	-	<0.32	-	-	-	<0.34	-	<0.31	-	-	<0.35	<0.35	<0.35	<0.35	<0.98	
	12/01/98	-	-	-	<0.32	-	-	-	<0.34	-	<0.31	-	-	<0.35	<0.35	<0.35	<0.35	<0.98	
MW1600	11/21/96	<100	<100	-	<0.7	-	-	-	<0.7	-	<0.5	-	-	<1.0	-	<1.0	<0.9	<2.0	
	11/14/97	-	-	-	<0.21	-	-	-	<0.68	-	<0.21	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	02/17/98	-	-	-	<0.21	-	-	-	<0.68	-	0.21"J"	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	05/08/98	-	-	-	<0.25	-	-	-	<0.68	-	<0.21"J"	-	-	<1.5	<1.0	<1.0	<0.86	<1.8	
	08/20/98	-	-	-	<0.32	-	-	-	<0.32	-	<0.21	-	-	<0.38	<0.34	<0.35	<0.35	<1.0	
	12/01/98	-	-	-	<0.32	-	-	-	<0.34	-	<0.31	-	-	<0.35	<0.35	<0.35	<0.35	<0.98	

Table 2 Ground-Water Quality Laboratory Results, Milwaukee Stockyards, Milwaukee, Wisconsin

Well Number	Date Collected	DRO	GRO	Dissolved Lead	Laboratory Results (micrograms per liter)													
					Detected Volatile Organic Compounds													
					Benzene	n-Butyl-benzene	sec-Butyl-benzene	1,2-Dichloro-ethane	Ethyl-Benzene	Isopropyl-benzene	MTBE	Napthalene	n-Propyl-benzene	Toluene	1,2,3-Tri-chloropropane	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total xylenes
MW1800	11/21/96	<100	<100	-	<0.7	-	-	-	<0.7	-	<0.5	-	-	<1.0	-	<1.0	<0.9	<2.0
MW2400	11/14/97	-	-	-	19	<3.5	<6	<1.4	10	<3.5	30	<10	<4	15	-	12	<8.6	78
	02/17/98	-	-	-	18	-	-	-	21	-	<2.1	-	-	15	-	39	16	68
	05/08/98	-	-	-	14	-	-	-	22	-	0.66"J"	4.5	-	7.6	-	28	6.1	41
	08/20/98	-	-	-	23	-	-	-	27	-	<3.1	<8.6	-	15	-	28	<8.4	53
	08/20/98	-	-	-	15	-	-	-	16	-	<3.1	<8.6	-	9.5"J"	-	17	<8.4	33
	12/01/98	-	-	-	40	-	-	-	56	-	<3.1	10"J"	-	18	-	53	6.7"J"	75
	12/01/98	-	-	-	37	-	-	-	51	-	<3.1	-	-	15	-	52	6.9"J"	66
EW1	10/14/93	81,000	22,000	-	1400	240	33	20	1500	78	19	400	240	2600	5.9	1500	430	8400
NR 140, Wis. Adm. Code ES, December 1998				15	5	NR	NR	5	700	NR	60	40	NR	343	NR	480	480	620
NR 140, Wis. Adm. Code PAL, December 1998				1.5	0.5	NR	NR	0.5	140	NR	12	8	NR	68.6	NR	96	96	124

Notes:
DRO = diesel range organics
GRO = gasoline range organics
MTBE = methyl tertiary butyl ether
* = duplicate sample
<x = not detected above reporting limit of x
- = not analyzed
NR = not regulated

XXX = exceeds Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) enforcement standard (ES)
XXX = exceeds NR 140, Wis. Adm. Code preventive action limit (PAL)

Monitoring wells MW200 and MW300, and extraction well EW1 were removed during the excavation

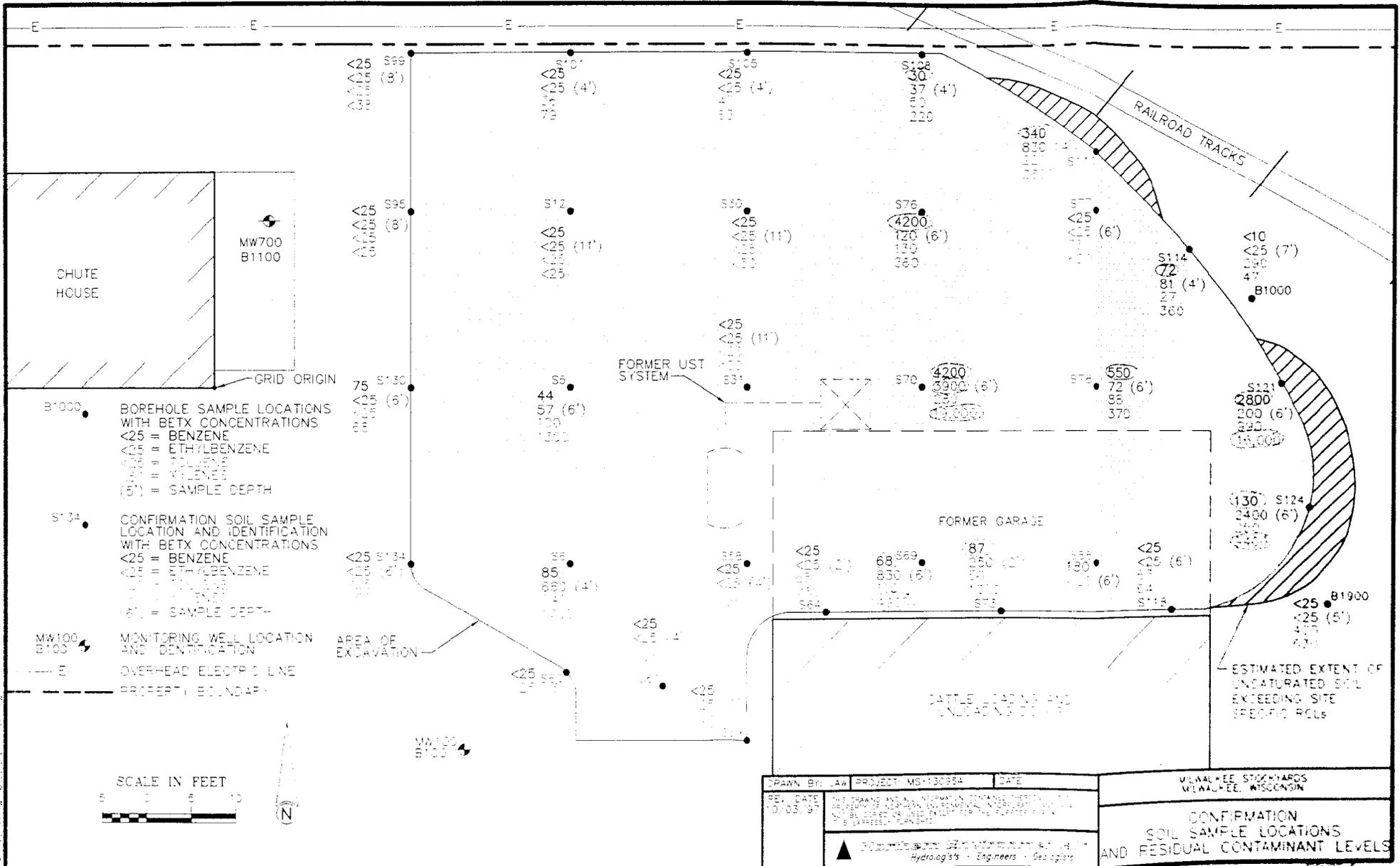


FIGURE 5

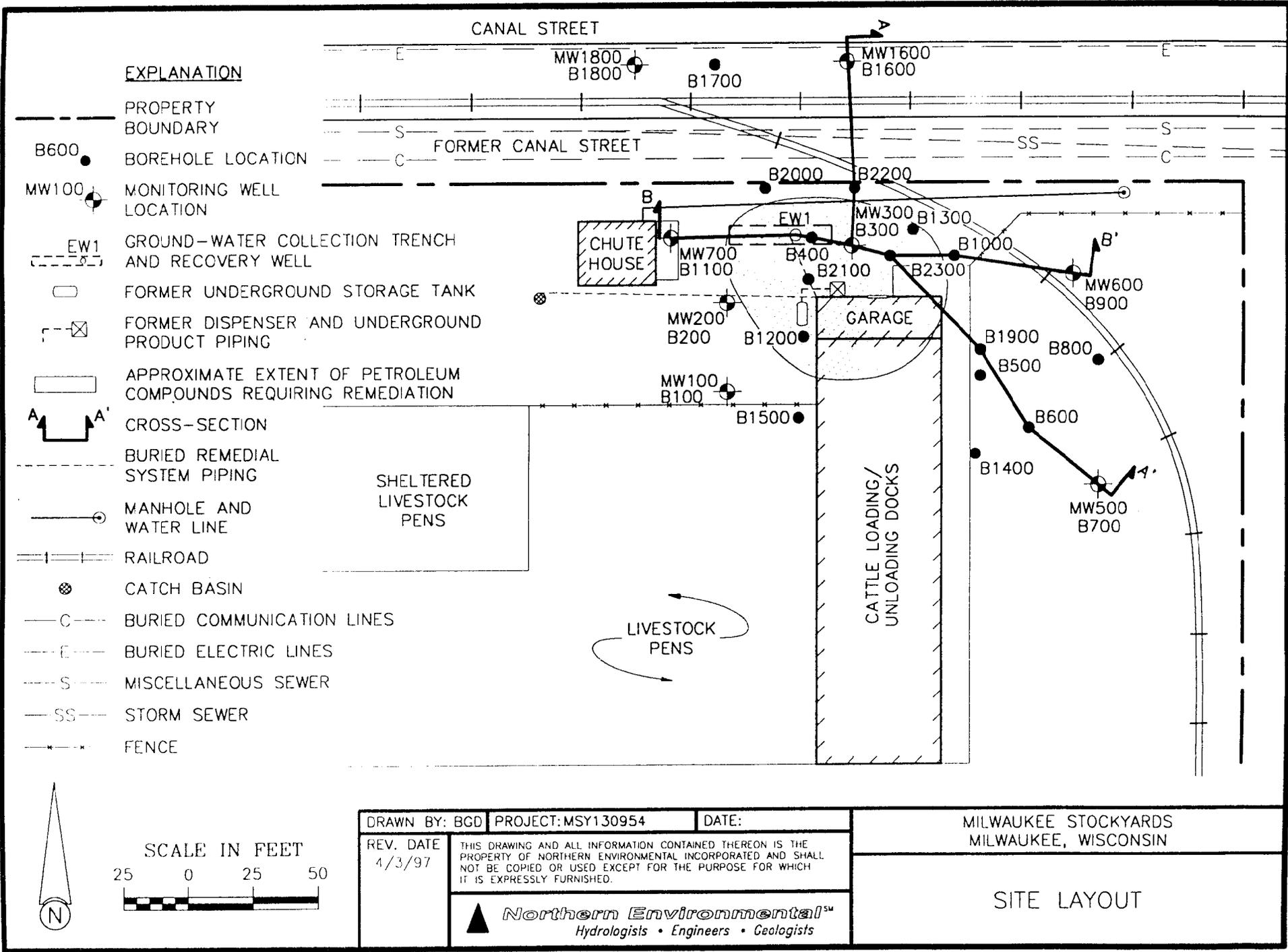
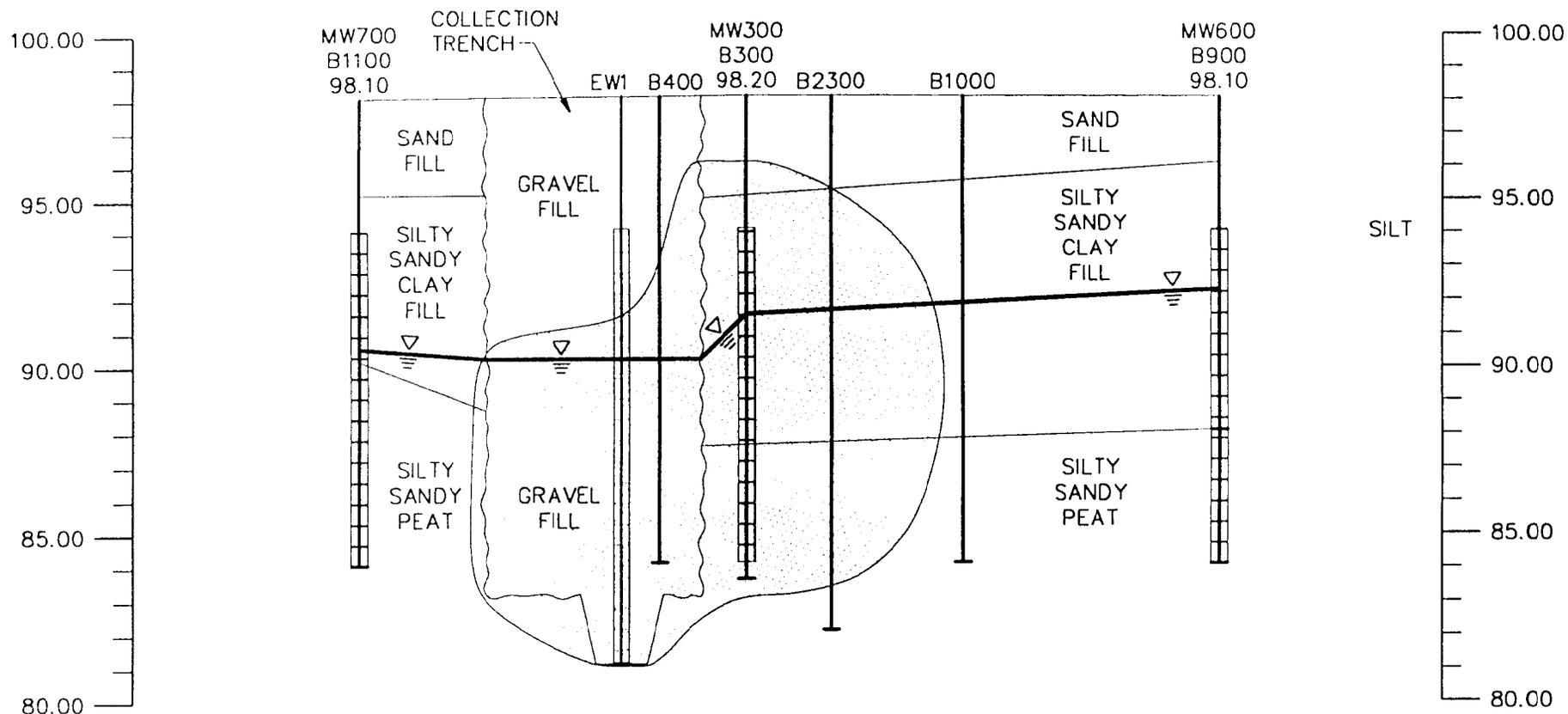


FIGURE 2

B
WEST

B'
EAST



EXPLANATION

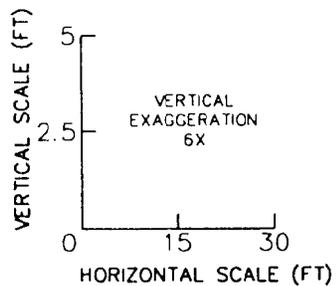


WATER TABLE



APPROXIMATE EXTENT OF PETROLEUM COMPOUNDS REQUIRING REMEDIATION

NOTE: EXTENT OF PETROLEUM CONSTITUENTS IS BASED ON FIELD SCREENING AND LABORATORY DATA. CROSS-SECTION LOCATION IS ILLUSTRATED ON FIGURE 2.



DRAWN BY: BGD PROJECT: MSY130954 DATE:

REV. DATE
3/27/97

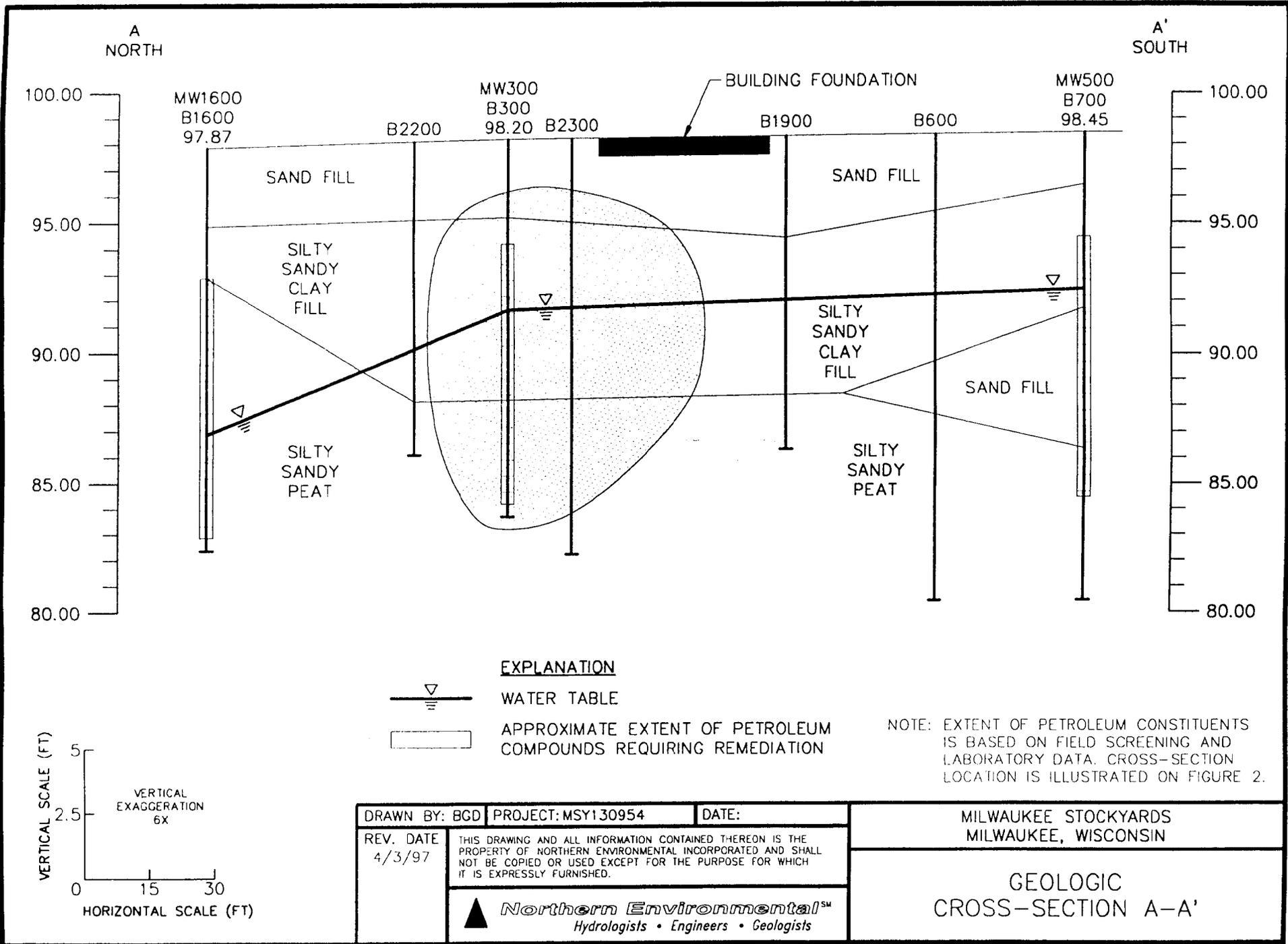
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MILWAUKEE STOCKYARDS
MILWAUKEE, WISCONSIN

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GEOLOGIC
CROSS-SECTION B-B'

FIGURE 4



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FIGURE 3