GIS REGISTRY INFORMATION

SITE NAME: Crown Cork and Seal Co. Inc.

BRRTS # and FID #: **BRRTS # 024122783, FID #241061590**

CLOSURE DATE: 08/27/2003

STREET ADDRESS: 4801 W. Woolworth Ave.

CITY: Milwaukee

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= ~~684840~~ 684927 is correct for X Y= ~~297584~~ 297503 is correct for Y

OFF-SOURCE CONTAMINATION (>ES): (if there are more than 2 off-source properties, make a note and attach additional sheet(s))		Yes
	X	No
IF YES, STREET ADDRESS 1:		
GPS COORDINATES (meters in WTM91 projection):	X=	Y=
IF YES, STREET ADDRESS 2:		
GPS COORDINATES (meters in WTM91 projection):	X=	Y=

CONTAMINATION IN RIGHT OF WAY:		Yes
	X	No

CONTAMINATED MEDIA: (Groundwater, Soil or Both?) Soil

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure 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	(tax key number)
Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy)	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)	na	
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	x	
Isoconcentration map(s), *if available from site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of contamination defined. **If not available, include the following 2 types of maps:**		
Latest groundwater flow/monitoring well location map	x	
Latest extent of contaminant plume map	x	
Geologic cross-sections, *if available from SI.* (8.5x14' if paper copy)	x	
RP certified statement that legal descriptions are complete and accurate	x	
Copies of off-source notification letters (if applicable)	na	

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Plymouth Service Center
1155 Pilgrim Rd.
P.O. Box 408
Plymouth, Wisconsin 53073-0408
Telephone 920-892-8756
FAX 920-892-6638

August 27, 2003

Kenny B. Gulledge
Crown Cork & Seal Co., Inc.
One Crown Way
Philadelphia, PA, 19154

Dear Mr. Gulledge:

Subject: Case closure, Former Crown Cork and Seal, 4801 W. Woolworth Avenue, Milwaukee, file reference FID #241061590, BRRTS #0241227831

Thank you for conducting additional work at the site. The department considers this case closed based on the investigative and remedial documentation provided, having determined that no further action is necessary at the site at this time. However, the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare or the environment.

Monitoring Well Abandonment

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/.

Residual Soil Contamination

If this property is ever re-zoned non-industrial, the remaining contaminated soil must remain capped or it must be removed. If excavated, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The owner will also have to properly store, treat, or dispose of any excavated materials, based upon the results of that characterization, and take special precautions during excavation activities to prevent a direct contact threat to people.

Geographic Information System (GIS)
Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http: gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

If you have any questions about this letter, please call me at 920-892-8756, extension 3023.

Sincerely,

John Feeney
Wisconsin Department of Natural Resources

Cc: Environmental Resources Management, Inc.
SER File

EXHIBIT A

Parcel 1:

That part of the North East 1/4 of Section 26, in Township 8 North, Range 21 East, in the City of Milwaukee, County of Milwaukee and State of Wisconsin, bounded and described as follows: Commencing at a point in the North line of said 1/4 Section, 1885.52 feet West of the North East corner of said 1/4 Section; thence South 00°12'00" West, 254.79 feet to a point in the North line of West Woolworth Avenue; thence North 89°25'13" West along the North line of West Woolworth Avenue, 69.51 feet to a point; thence North 00°12'00" East 254.09 feet to a point in the North line of said 1/4 Section; thence East along the North line of said 1/4 Section 69.51 feet to the point of beginning.

Parcel 2:

That part of the North East 1/4 of Section 26, in Township 8 North, Range 21 East in the City of Milwaukee, County of Milwaukee and State of Wisconsin, bounded and described as follows: Commencing at a point in the North line of said 1/4 Section 1815.52 feet West of the North East corner of said 1/4 Section; thence South 00°12'00" West 255.49 feet to a point in the North line of West Woolworth Avenue; thence North 89°25'13" West along the North line of West Woolworth Avenue 70.00 feet to a point; thence North 00°12'00" East 254.79 feet to a point in the North line of said 1/4 Section; thence East along the North line of said 1/4 Section, 70.00 feet to the point of beginning.

AND

A parcel of land in the North East 1/4 of Section 26, in Township 8 North, Range 21 East, in the City of Milwaukee, County of Milwaukee and State of Wisconsin, bounded and described as follows: Commencing at the North East corner of said 1/4 Section; running thence West along the North line of said 1/4 Section 1745.54 feet to the point of beginning of the land herein described; thence South 00°12'00" West 253.67 feet to a point on the North line of Woolworth Avenue extended West; thence South 88°55'00" West 70.00 feet to a point; thence North 00°12'00" East, 254.99 feet to a point; thence East along the North line of said 1/4 Section 69.98 feet to the point of beginning.

Parcel 3:

That part of the North East 1/4 of Section 26, in Township 8 North, Range 21 East in the City of Milwaukee, County of Milwaukee and State of Wisconsin, bounded and described as follows: Commencing at a point in the North line of said 1/4 Section, which is 151.97 feet West of the North East corner of said 1/4 Section; thence South 06°55'20" West along the center line of North Hopkins Street 596.81 feet to a point; thence South 88°55'00" West along the North line of the Chicago and Northwestern Railway right-of-way 1391.65 feet to the point of beginning of the land herein to be described; thence South 88°55'00" West along the North line of the Chicago and Northwestern Railway Company right-of-way 340.70 feet to a point; thence North 01°05'33" West 305.21 feet to a point in the South line of West Woolworth Avenue; thence South 89°25'13" East along the South line of West Woolworth Avenue, 145.20 feet to a point; thence South 00°12'00" West 0.50 feet to a point; thence North 88°55'00" East along the South line of West Woolworth Avenue 195.60 feet to a point; thence South 01°05'00" East 301.50 feet to the point of beginning.

	Tax Key No.	Address
Parcel 1:	157-9970-212-3	4805 W. Mill Rd.
Parcel 2:	157-9968-211-4	4717-4721 W. Mill Rd.
Parcel 3:	157-9968-111-8	4801 W. Woolworth Ave.

STATE BAR OF WISCONSIN FORM 1 – 1982

WARRANTY DEED

DOCUMENT NO.

This Deed, made between EPA LLC

_____, Grantor,

and GFP Warehousing II, LLC

_____, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration_____

conveys to Grantee the following described real estate in Milwaukee County, State of Wisconsin:

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

ROBERT A. TEPER
MICHAEL BEST & FRIEDRICH
100 E WISCONSIN AVE
MILWAUKEE WI 53202

157-9970-212-3 (see attached)
PARCEL IDENTIFICATION NUMBER

See legal description attached hereto and incorporated herein.

This ~~is~~ is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easements for public utilities serving the property, recorded building and use restrictions and covenants, general taxes levied in the year of closing

and will warrant and defend the same.

Dated this 13th day of November, 1998.

_____ (SEAL)

* _____

_____ (SEAL)

* _____

EPA LLC

By: David C. Batey (SEAL)

* David C. Batey, Jr., Manager

_____ (SEAL)

* _____

AUTHENTICATION

Signature(s) David C. Batey, Jr.

_____

authenticated this 13th day of November, 1998

Greg Devorkin

* Gregory I. Devorkin

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Gregory I. Devorkin, Esq.

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.

_____ County. }

Personally came before me this _____ day of _____, 19_____, the above named

_____

_____

_____

_____

to me known to be the person _____ who executed the foregoing instrument and acknowledge the same.

_____

* _____

Notary Public, _____ County, Wis.

My commission is permanent. (If not, state expiration date: _____, 19_____)

* Names of persons signing in any capacity should by typed or printed below their signatures.

WILLIAM H. SCHMITT, & ASSOCIATES
SURVEYORS — ENGINEERS — PLANNERS
4041 N. OAKLEY AVENUE
MILWAUKEE, WISCONSIN 53211

WEISS, BERZOWSKI, BRADY & DONAHUE

PLAT OF SURVEY

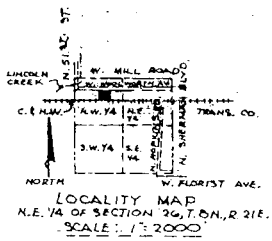
PARCEL 3 Description of lot or parcel of land: THAT part of the Northeast 1/4 of Section 26, in Township 8 North, Range 21 East, in the City of Milwaukee, County of Milwaukee and State of Wisconsin, bounded and described as follows, COMMENCING at a point in the north line of said 1/4 Section, which is 151.87 Feet West of the northeast

Name and address of owner:

Address of premises: No. 4801 West Woolworth Avenue, Milwaukee, Wisconsin

(DESCRIPTION CONT'D) corner of said 1/4 Section; thence South 06° 35' 20" West along the centerline of North Topliam Street 396.61 feet to a point; thence South 88° 55' 00" West along the North line of the Chicago and Northwestern Railway right-of-way 1591.65 Feet to the point of beginning of the land herein to be described; thence South 88° 55' 00" West along the north line of the Chicago and Northwestern Railway Company right-of-way 340.70 feet to a point; thence North 01° 05' 33" West 305.21 Feet to a point in the south line of West Woolworth Avenue; thence South 89° 25' 13" East along the south line of West Woolworth Avenue, 145.20 feet to a point; thence South 00° 12' 00" West 0.30 feet to a point; thence North 88° 55' 00" East along the south line of West Woolworth Avenue 195.60 feet to a point; thence South 01° 05' 00" East 301.50 feet to the point of beginning.

Tax Key No. 157-9968-111-8



LOCALITY MAP
N.E. 1/4 OF SECTION 26, T.8N., R.21E.
SCALE: 1" = 2000'

Owner: Bruce P. Gendelman
4801 W. Woolworth Avenue
Milwaukee, Wisconsin 53216

ALTA CERTIFICATION

I have surveyed the above described property and the above map is a true representation thereof, meets the Minimum Standard Detail Requirements for a Class A ALTA/ACSM survey as adopted in 1992 and shows the size and location of the property, its exterior boundaries, the location and dimensions of all structures thereon, fences, apparent and all recorded easements and roadways and visible encroachments, if any. This is an urban survey.

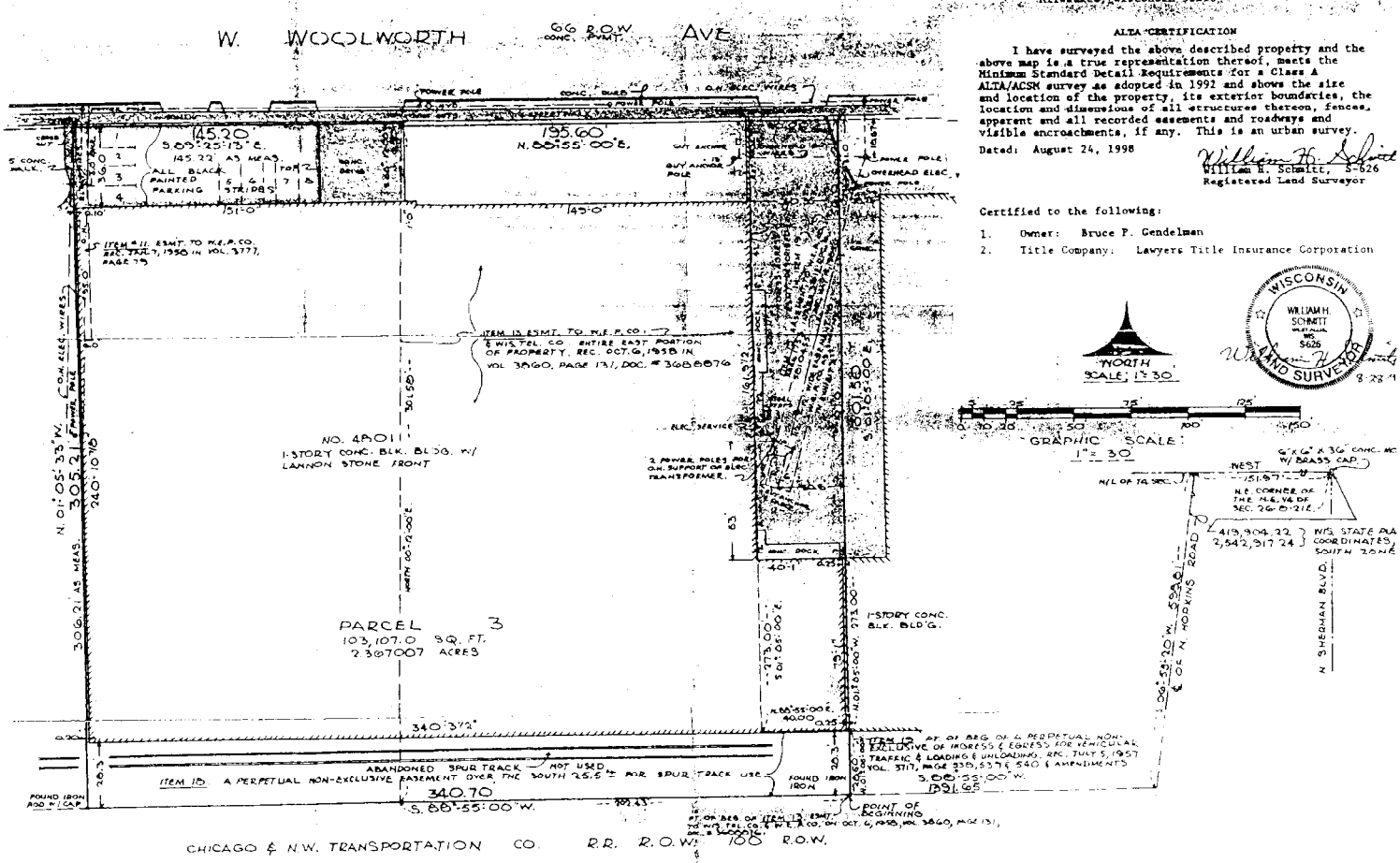
Dated: August 24, 1998

William H. Schmitt, S-626
Registered Land Surveyor

Certified to the following:

1. Owner: Bruce P. Gendelman
2. Title Company: Lawyers Title Insurance Corporation

WISCONSIN
WILLIAM H. SCHMITT
S-626
LAND SURVEYOR
8-28-98



State of Wisconsin } ss
County of Milwaukee }

I, WILLIAM H. SCHMITT, hereby certify that I have surveyed the above described property on the 26th day of July to 98, and the above map is a true representation thereof and shows the size and location of the property, its exterior boundaries, the location and dimensions of all visible structures thereon, fences, apparent easements and roadways and visible encroachments, if any.

This survey is made for the exclusive use of the present owners of the property, and also those who purchase, mortgage, or guarantee the title thereto within one (1) year from date hereof, and as to them the accuracy of said survey and map is within those standards generally acceptable to the surveying profession.

William H. Schmitt

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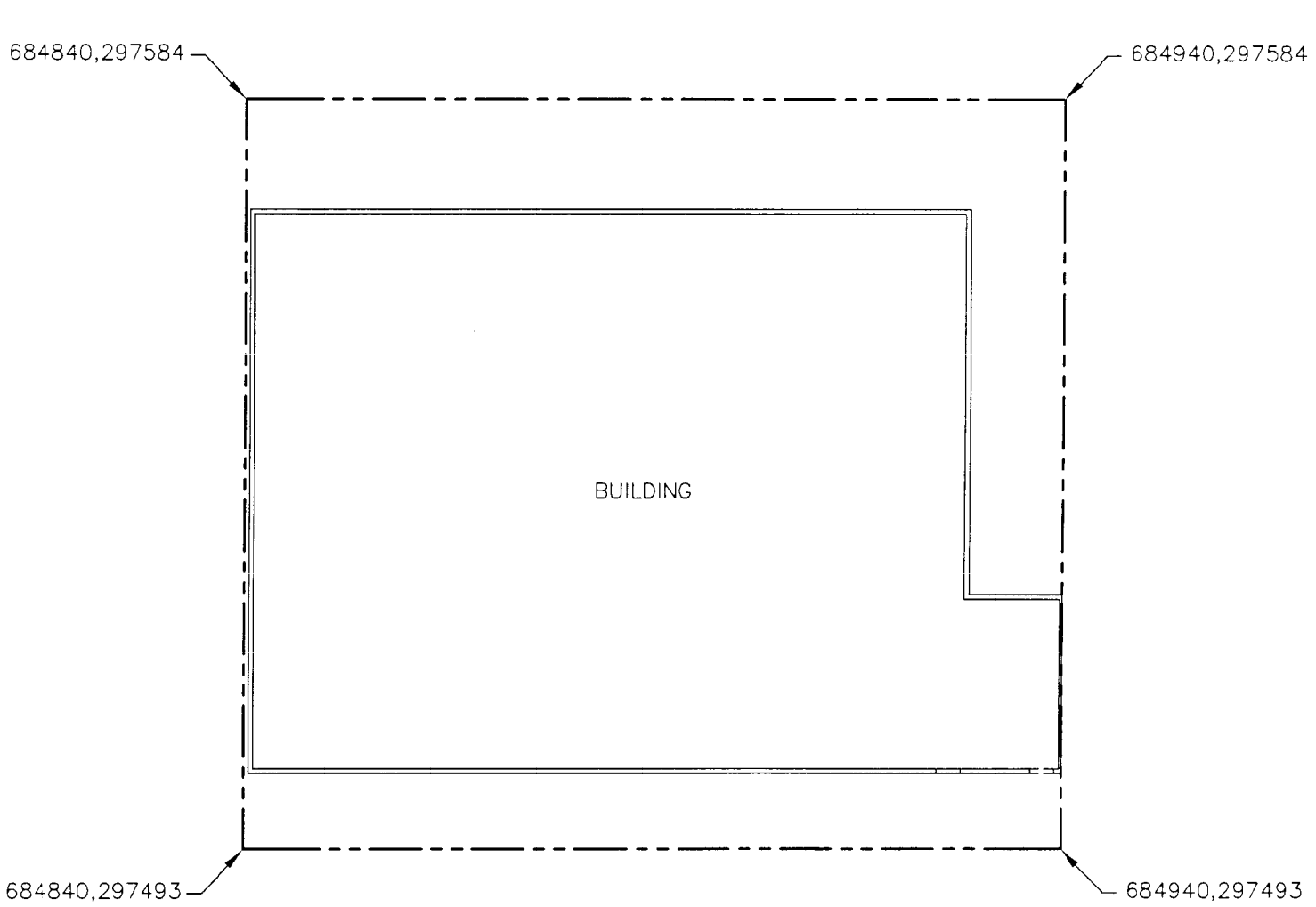


APPROX. SCALE (ft.)
0 20

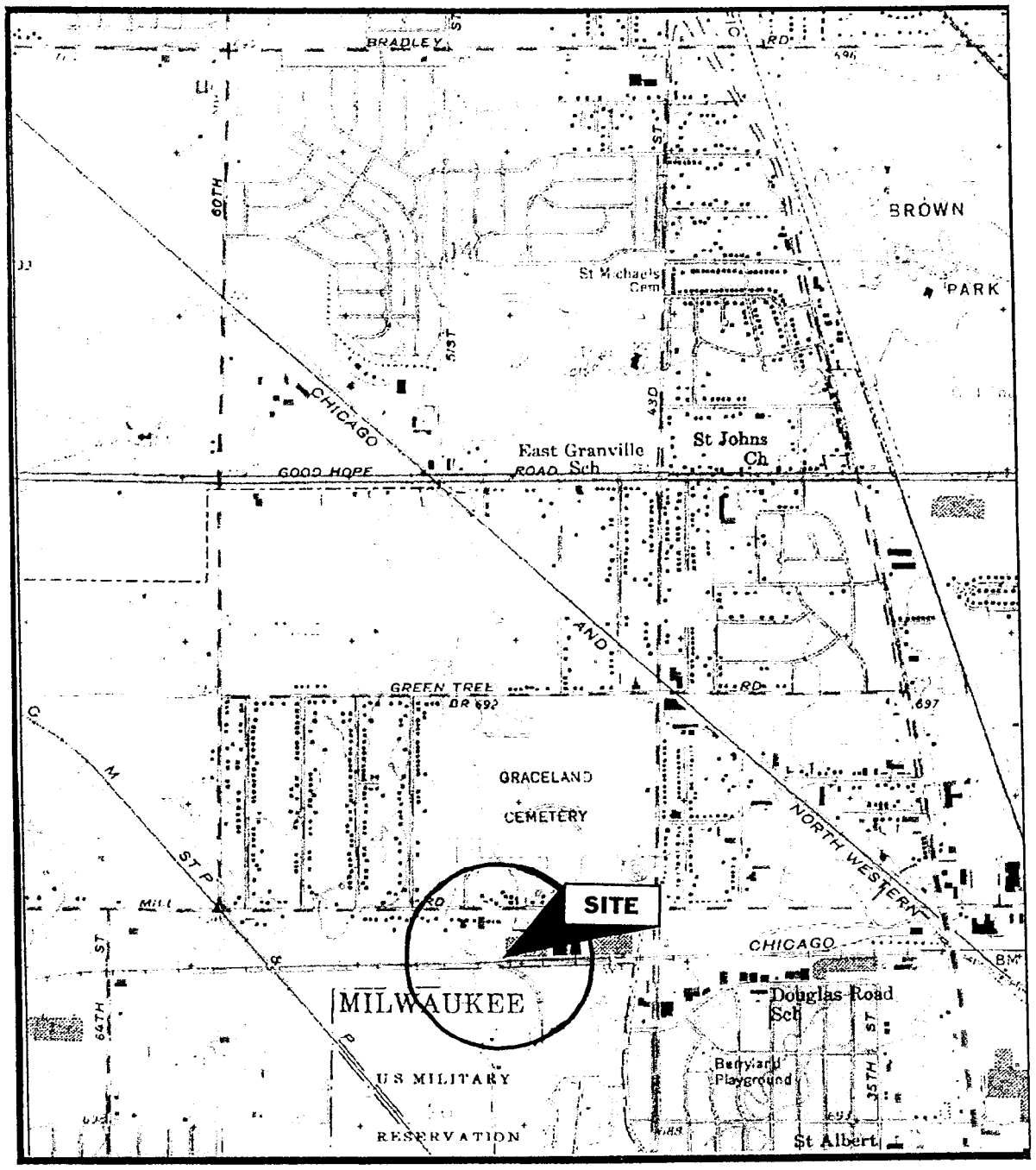
SYMBOL LEGEND
PROPERTY LINE

WTM 83/91 COORDINATES

4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM

THIENSVILLE QUADRANGLE
WISCONSIN
7.5 MINUTE SERIES (TOPOGRAPHIC)
1954
PHOTOREVISED 1976



SCALE 1:24000

1 .5 0 1 MILE

CONTOUR INTERVAL 10 FEET

QUADRANGLE LOCATION

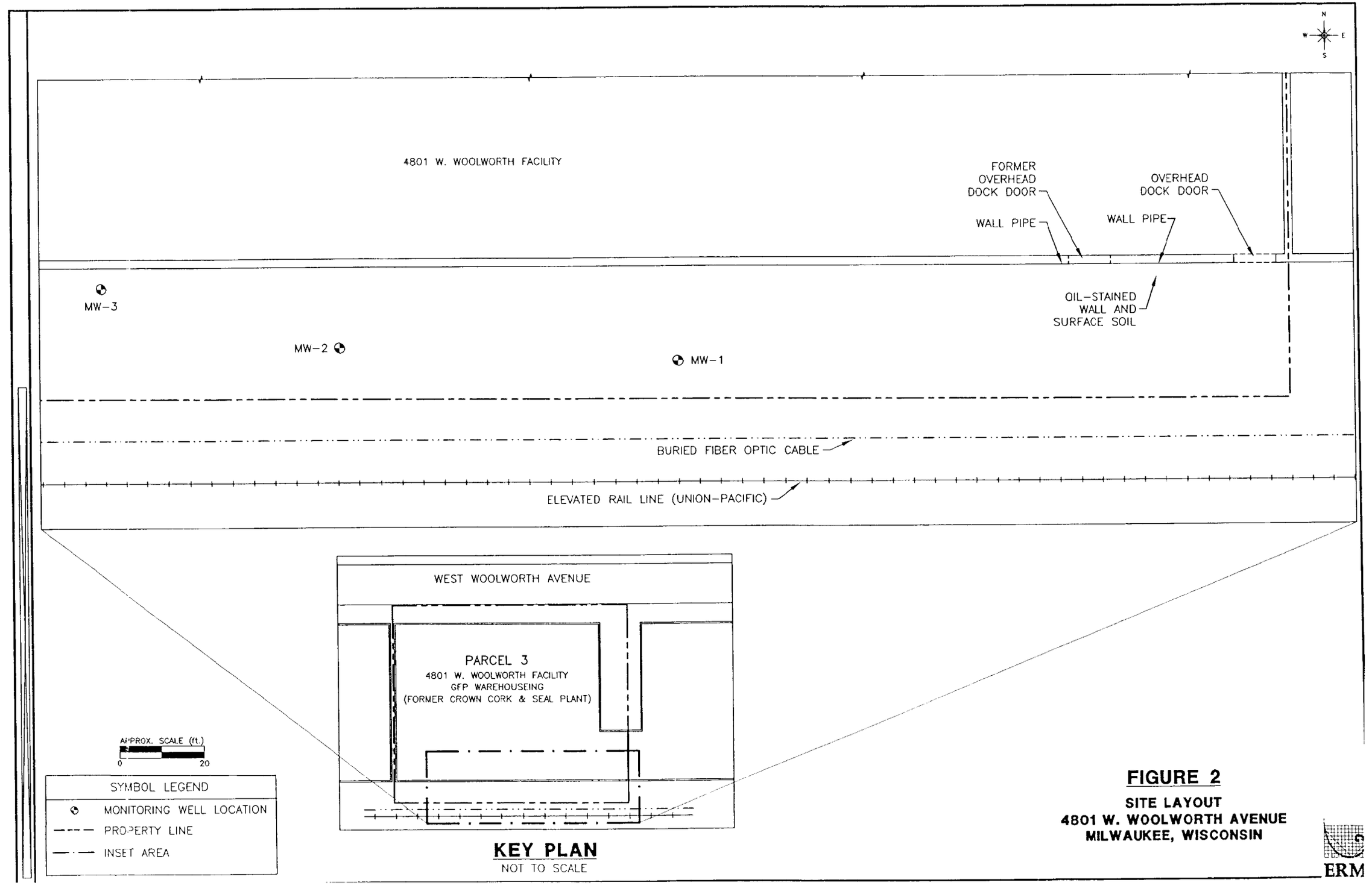
TOWNSHIP 8N
RANGE 2E
SECTION 26

FIGURE 1

REGIONAL LOCATION MAP
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM

Drawn: CNW
File: F:\CPF\M88\M8816.00\ACAD\FIG1_REGIONAL.DWG – June 22, 2001

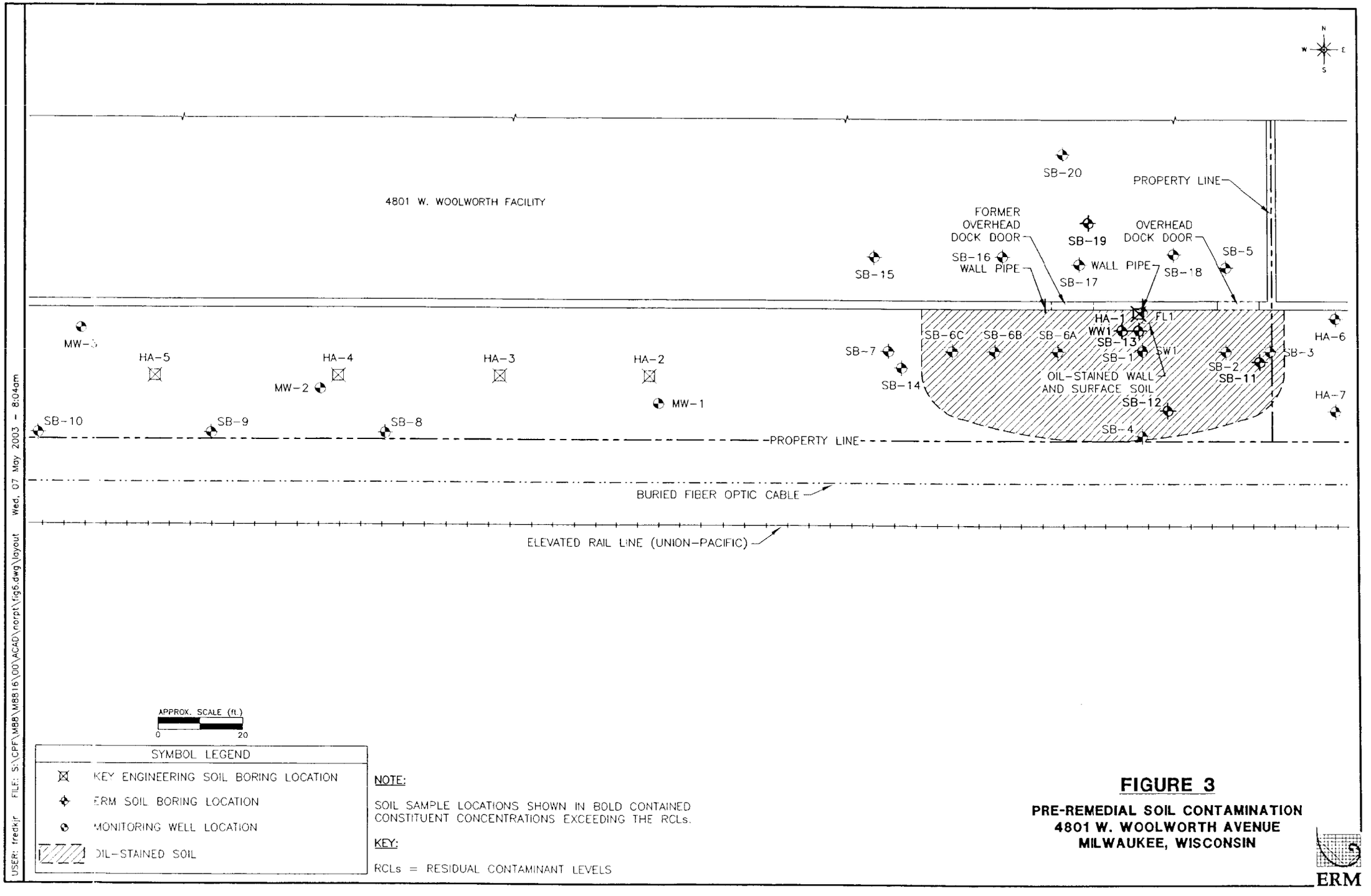


KEY PLAN
NOT TO SCALE

FIGURE 2

SITE LAYOUT
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM



APPROX. SCALE (ft.)
0 20

SYMBOL LEGEND
KEY ENGINEERING SOIL BORING LOCATION
ERM SOIL BORING LOCATION
MONITORING WELL LOCATION
OIL-STAINED SOIL

NOTE:

SOIL SAMPLE LOCATIONS SHOWN IN BOLD CONTAINED CONSTITUENT CONCENTRATIONS EXCEEDING THE RCLs.

KEY:

RCLs = RESIDUAL CONTAMINANT LEVELS

FIGURE 3

PRE-REMEDIAL SOIL CONTAMINATION
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM

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Soil Sample No.						EXC-1		EXC-2		EXC-3		EXC-4		EXC-5		EXC-6		EXC-7		EXC-8		EXC-9		EXC-10		EXC-11		EXC-12		EXC-13		EXC-14	
Sample Collection Date		Residual Contaminant Level [2]				7/9/02		7/9/02		7/9/02		7/9/02		7/9/02		7/9/02		7/9/02		7/9/02		7/10/02		7/10/02		7/10/02		7/10/02		7/10/02		7/10/02	
Excavation Position	Groundwater	Industrial		Non-Industrial		Exc. sidewall		Exc. sidewall		Exc. sidewall		Exc. bottom		Exc. Bottom		Exc. bottom		Exc. bottom		Exc. Bottom		Exc. sidewall		Exc. bottom		Exc. bottom		Exc. bottom		Exc. sidewall		Exc. sidewall	
Sample Depth (feet BGS)	Pathway	Ingestion	Inhalation	Ingestion	Inhalation	1.5		1.5		4		3		3.5		3		2.5		4.5		1.5		3		3		4		1.5		3	
Volatile Organic Compounds (ug/kg)																															
tert-Butylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
sec-Butylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**110**		25	U	25	U	25	U	25	U	25	U	25	U
n-Butylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**88**		25	U	25	U	25	U	25	U	25	U	25	U
Chloroethane	89.2	NS	20,000,000	NS	2,900,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Ethylbenzene	1,520	102,000,000	39,000	1,560,000	2,300	25	U	25	U	25	U	25	U	39	U	25	U	25	U	**430**		25	U	25	U	25	U	25	U	25	U	25	U
1,2-Dichlorobenzene	920	92,000,000	8,300,000	1,410,000	1,200,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
1,1-Dichloroethane	335	102,000,000	3,600,000	1,560,000	510,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Isopropylbenzene	9,200 [5]	102,000,000	12,000,000	1,560,000	1,800,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**110**		25	U	25	U	25	U	25	U	25	U	25	U
p-Isopropyltoluene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**30**		25	U	25	U	25	U	25	U	25	U	25	U
Naphthalene	351	20,400,000	470,000	313,000	68,000	25	U	25	U	25	U	25	U	30	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
n-Propylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**130**		25	U	25	U	25	U	25	U	25	U	25	U
Toluene	1,440	204,000,000	4,600,000	3,130,000	650,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
1,2,4-Trimethylbenzene	7,573	51,100,000	350,000	782,000	50,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**910**		25	U	25	U	25	U	25	U	25	U	25	U
1,3,5-Trimethylbenzene	3,520	51,100,000	200,000	782,000	29,000	25	U	25	U	25	U	25	U	25	U	25	U	25	U	**220**		25	U	25	U	25	U	25	U	25	U	25	U
Xylenes (total)	10,685	2,040,000,000	NS	31,300,000	NS	75	U	75	U	75	U	75	U	133	U	75	U	75	U	**5,700**		75	U	75	U	75	U	75	U	75	U	75	U
Polycyclic Aromatic Hydrocarbons (ug/kg)																															
Benzo(a)anthracene	17,000 [3]	3,900 [3]	NS	88 [3]	NS	54	U	54	U	54	U	54	U			54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U	**140**	
Benzo(a)pyrene	400	390 [3]	NS	8.75	NS	59	U	59	U	59	U	59	U			59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U	**140**	
Benzo(b)fluoranthene	360,000 [3]	3,900 [3]	NS	88 [3]	NS	42	U	42	U	42	U	42	U			42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	**150**	
Benzo(g,h,i)perylene	6,800,000 [3]	39,000 [3]	NS	1,800 [3]	NS	82	U	82	U	82	U	82	U			82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U	**120**	
Benzo(k)fluoranthene	870,000 [3]	39,000 [3]	NS	880 [3]	NS	79	U	79	U	79	U	79	U			79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U	**120**	
Chrysene	37,000 [3]	390,000 [3]	NS	8,800 [3]	NS	38	U	38	U	38	U	38	U			38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U	**160**	
Fluoranthene	170,667	40,000,000 [3]	NS	626,000	NS	42	U	42	U	42	U	42	U			42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	**250**	
Indeno(1,2,3-cd)pyrene	680,000 [3]	3,900 [3]	NS	88 [3]	NS	69	U	69	U	69	U	69	U			69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U	**93**	
1-Methylnaphthalene	23,000 [3]	70,000,000 [3]	NS	1,100,000 [3]	NS	37	U	37	U	37	U	37	U			37	U	37	U	37	U	37	U	37	U	37	U	37	U	37	U	37	U
2-Methylnaphthalene	20,000 [3]	40,000,000 [3]	NS	600,000 [3]	NS	72	U	72	U	72	U	72	U			72	U	72	U	72	U	72	U	72	U	72	U	72	U	72	U	72	U
Naphthalene	351	110,000 [3]	470,000	313,000	68,000	40	U	40	U	40	U	40	U			40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U
Phenanthrene	1,800 [3]	390,000 [3]	NS	17,000 [3]	NS	20	U	20	U	20	U	20	U			20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	**52**	
Pyrene	109,091	30,000,000 [3]	NS	469,000	NS	58	U	58	U	58	U	58	U			58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U	**200**	
Diesel Range Organics (mg/kg)	100 [4]	NA	NA	NA	NA	10	U	10	U	10	U	10	U			10	U	10	U	270		10	U	10	U	10	U	10	U	10	U	10	U

Key:

[1] Only the parameters detected are shown.

[2] Generic residual contaminant levels calculated using USEPA's *Soil Screening Level Website located at http://risk.lsd.ornl.gov/epa/ssll.htm* and the Wisconsin DNR's default values for protection of groundwater pathway and industrial and non-industrial ingestion, and inhalation pathways, unless otherwise noted.

[3] Generic residual contaminant levels protective of groundwater pathway and direct contact from WDNR publication RR-519-97, Soil Cleanup Levels for *Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance*, April 1997.

[4] Generic residual contaminant level set forth in NR720.09(4)(a)(1).

[5] Generic residual contaminant level calculated using USEPA's *Soil Screening Level Website located at http://risk.lsd.ornl.gov/epa/ssll.htm*, and the Wisconsin DNR's default values, and a USEPA health based level because a PAL has not been established for this compound.

NS - No standard because health-based data do not exist for this constituent.
NA - Not applicable.
U - Not detected above the level of detection.
J - Estimated concentration; detected between the limit of detection and the limit of quantitation.
Bold numbers are values above the laboratory detection limit.
Boxed values exceed the generic residual contaminant level based on protection of groundwater pathway or industrial direct contact pathway.
Double boxed samples indicates that the sampling location was subsequently excavated.

Sample Collection Date		Residual Contaminant Level				7/10/02		7/11/02		7/11/02		7/11/02		7/12/02		7/12/02		7/12/02		7/12/02		7/12/02		7/15/02		7/15/02	
Sample Type	Groundwater	Industrial		Non-Industrial		Exc. sidewall		Exc. sidewall		Exc. bottom		Exc. sidewall		Exc. bottom		Exc. sidewall		Exc. sidewall		Exc. bottom		Exc. sidewall		Exc. sidewall		Exc. bottom		Exc. sidewall		Exc. bottom	
Sample Depth (feet BGS)	Pathway	Ingestion	Inhalation	Ingestion	Inhalation	1.5		4		5		4.5		7		5.5		4.5		6		5		5.5		7		5		5	
Volatile Organic Compounds (ug/kg)																													
tert-Butylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	**47**		25	U	25	U	25	U	25	U	25	U	25	U	25	U
sec-Butylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	**450**		**30**		25	U	25	U	25	U	25	U	**42**		25	U
n-Butylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	**460**		25	U	25	U	25	U	25	U	25	U	**74**		25	U
Chloroethane	89.2	NS	20,000,000	NS	2,900,000	25	U	25	U	25	U	25	U	**100**		25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Ethylbenzene	1,520	102,000,000	39,000	1,560,000	2,300	25	U	25	U	25	U	25	U	25	U	**2,500**		25	U	25	U	25	U	**73**		25	U	**1,400**		25	U
1,2-Dichlorobenzene	920	92,000,000	8,300,000	1,410,000	1,200,000	25	U	25	U	25	U	25	U	25	U	**79**		**32**		25	U	25	U	25	U	25	U	25	U	25	U
1,1-Dichloroethane	335	102,000,000	3,600,000	1,560,000	510,000	25	U	25	U	**53**		25	U	**780**		**390**		25	U	25	U	25	U	**110**		**53**		25	U	25	U
Isopropylbenzene	9,200 [5]	102,000,000	12,000,000	1,560,000	1,800,000	25	U	25	U	25	U	25	U	25	U	**280**		25	U	25	U	**27**		25	U	25	U	**77**		25	U
p-Isopropyltoluene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	**370**		25	U	25	U	25	U	25	U	25	U	25	U	25	U
Naphthalene	351	20,400,000	470,000	313,000	68,000	25	U	25	U	25	U	25	U	25	U	**920**		25	U	25	U	25	U	25	U	25	U	**28**		25	U
n-Propylbenzene	NS	NS	NS	NS	NS	25	U	25	U	25	U	25	U	25	U	**720**		25	U	25	U	25	U	25	U	25	U	**170**		25	U
Toluene	1,440	204,000,000	4,600,000	3,130,000	650,000	25	U	25	U	**630**		25	U	**5300**		**5,300**		25	U	25	U	25	U	25	U	25	U	**37**		25	U
1,2,4-Trimethylbenzene	7,573	51,100,000	350,000	782,000	50,000	25	U	25	U	25	U	25	U	25	U	**6,800**		25	U	25	U	25	U	25	U	25	U	**850**		25	U
1,3,5-Trimethylbenzene	3,520	51,100,000	200,000	782,000	29,000	25	U	25	U	25	U	25	U	25	U	**2,100**		25	U	25	U	25	U	25	U	25	U	**190**		25	U
Xylenes (total)	10,685	2,040,000,000	NS	31,300,000	NS	75	U	75	U	75	U	75	U	75	U	**24,600**		75	U	75	U	75	U	**110**	U	75	U	**10,190**		75	U
Polycyclic Aromatic Hydrocarbons (ug/kg)																													
Benzo(a)anthracene	17,000 [3]	3,900 [3]	NS	88 [3]	NS	54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U	54	U
Benzo(a)pyrene	400	390 [3]	NS	8.75	NS	59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U	59	U
Benzo(b)fluoranthene	360,000 [4]	3,900 [3]	NS	88 [3]	NS	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U
Benzo(g,h,i)perylene	6,800,000 [3]	39,000 [3]	NS	1,800 [3]	NS	82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U	82	U
Benzo(k)fluoranthene	870,000 [3]	39,000 [3]	NS	880 [3]	NS	79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U	79	U
Chrysene	37,000 [3]	390,000 [3]	NS	8,800 [3]	NS	38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U	38	U
Fluoranthene	170,667	40,000,000 [3]	NS	626,000	NS	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U	42	U
Indeno(1,2,3-cd)pyrene	680,000 [3]	3,900 [3]	NS	88 [3]	NS	69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U	69	U
1-Methylnaphthalene	23,000 [3]	70,000,000 [3]	NS	1,100,000 [3]	NS	37	U	37	U	37	U	37	U	37	U	**320**		37	U	37	U	37	U	37	U	37	U	37	U	37	U
2-Methylnaphthalene	20,000 [3]	40,000,000 [3]	NS	600,000 [3]	NS	72	U	72	U	72	U	72	U	72	U	**560**		72	U	72	U	72	U	72	U	72	U	72	U	72	U
Naphthalene	351	110,000 [3]	470,000	313,000	68,000	40	U	40	U	40	U	40	U	40	U	**490**		40	U	40	U	40	U	40	U	40	U	40	U	40	U
Phenanthrene	1,800 [3]	390,000 [3]	NS	17,000 [3]	NS	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Pyrene	109,091	30,000,000 [3]	NS	469,000	NS	58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U	58	U
Diesel Range Organics (mg/kg)	100 [4]	NA	NA	NA	NA	10	U	10	U	10	U	**15**		10	U	**42**		10	U	10	U	10	U	10	U	10	U	10	U	10	U

Key:

[1] Only the parameters detected are shown.

[2] Generic residual contaminant levels calculated using USEPA's *Soil Screening Level Website located at http://risk.lsd.ornl.gov/epa/ssil.htm* and the Wisconsin DNR's default values for protection of groundwater pathway and industrial and non-industrial ingestion, and inhalation pathways, unless otherwise noted.

[3] Generic residual contaminant levels protective of groundwater pathway and direct contact from WDNR publication RR-519-97, Soil Cleanup Levels for *Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance*, April 1997.

[4] Generic residual contaminant level set forth in NR720.09(4)(a)(1).

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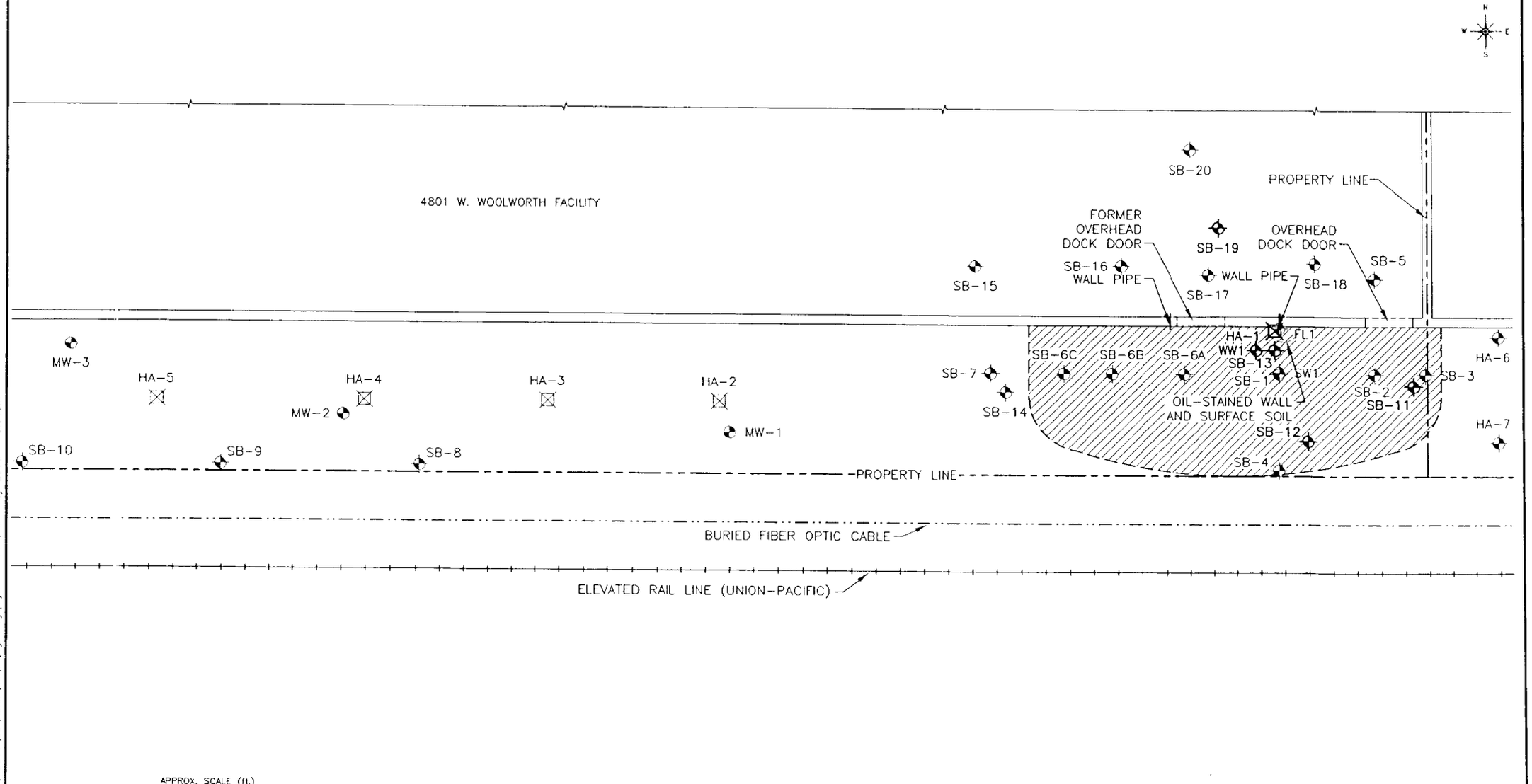

APPROX. SCALE (ft.)
0 20

SYMBOL LEGEND
KEY ENGINEERING SOIL BORING LOCATION
ERM SOIL BORING LOCATION
MONITORING WELL LOCATION
OIL-STAINED SOIL

NOTE:

SOIL SAMPLE LOCATIONS SHOWN IN BOLD CONTAINED CONSTITUENT CONCENTRATIONS EXCEEDING THE RCLs.

KEY:

RCLs = RESIDUAL CONTAMINANT LEVELS

FIGURE 3

PRE-REMEDIAL SOIL CONTAMINATION
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM

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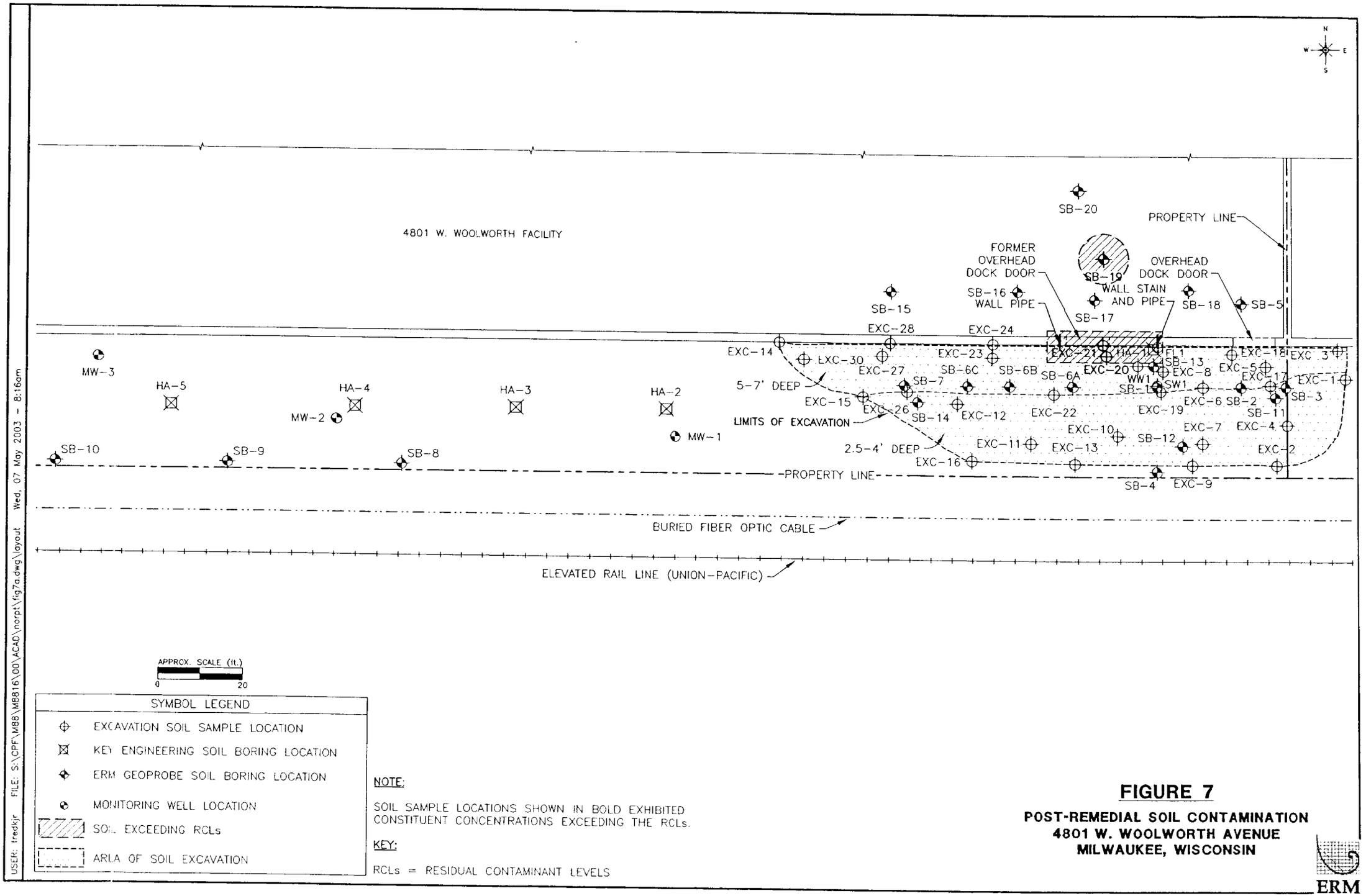

NOTE:

SOIL SAMPLE LOCATIONS SHOWN IN BOLD EXHIBITED CONSTITUENT CONCENTRATIONS EXCEEDING THE RCLs.

KEY:

RCLs = RESIDUAL CONTAMINANT LEVELS

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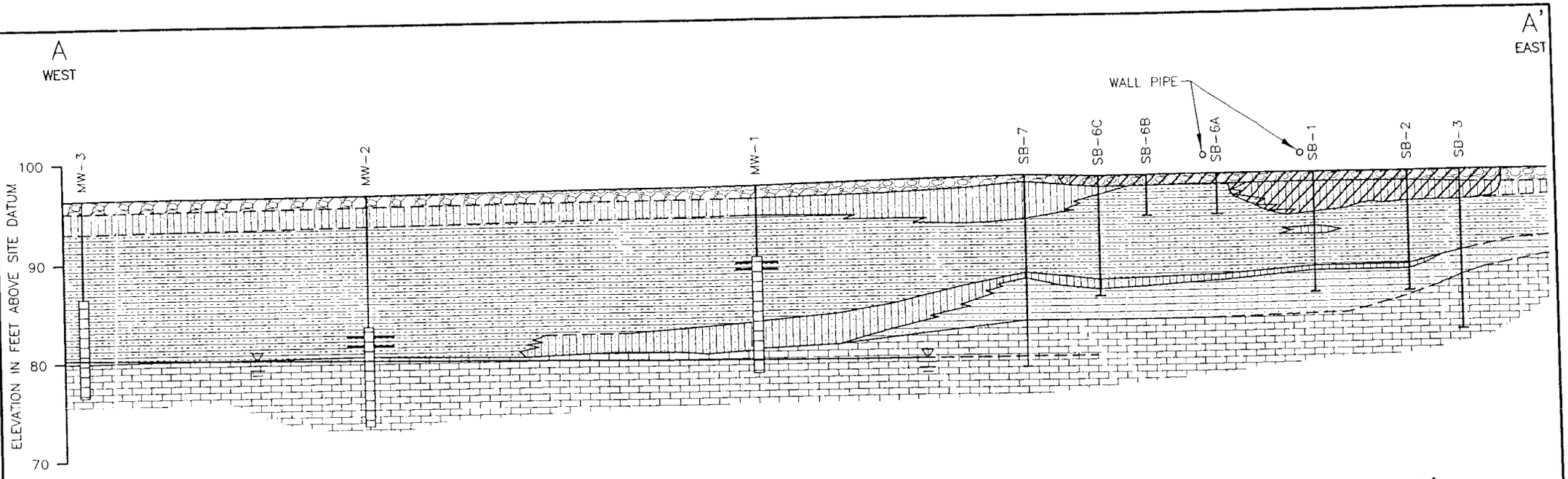
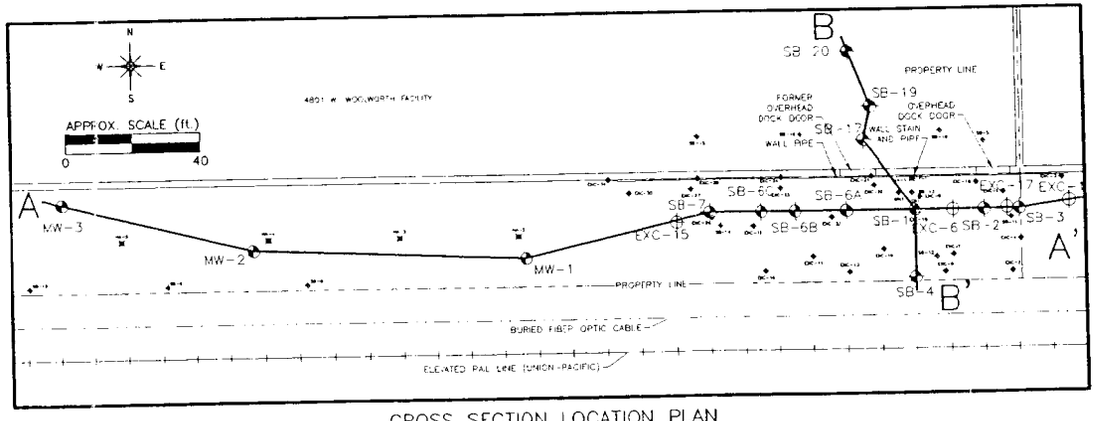
FIGURE 7

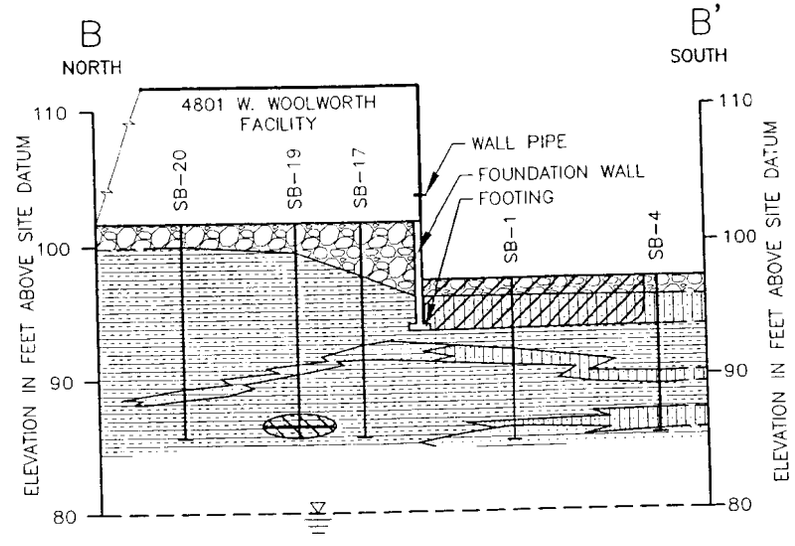
POST-REMEDIAL SOIL CONTAMINATION
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM





CROSS SECTION LOCATION PLAN



KEY:

RCLs = RESIDUAL CONTAMINANT LIMITS

SYMBOL LEGEND

WATER TABLE	SAND AND GRAVEL FILL	OIL-STAINED SOIL
CONTACT	SILTY OR CLAYEY SAND	SOIL EXCEEDING RCLs
INFERRED CONTACT	SANDY OR CLAYEY SILT	
BORING	SILTY CLAY	
SCREENED INTERVAL	WEATHERED LIMESTONE	
BOTTOM OF BORING	SAND SEAM	

10'
0
20'
CROSS SECTION SCALE

VERTICAL EXAGGERATION = 2x

FIGURE 4

PRE-REMEDIAL GEOLOGIC CROSS SECTIONS
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM

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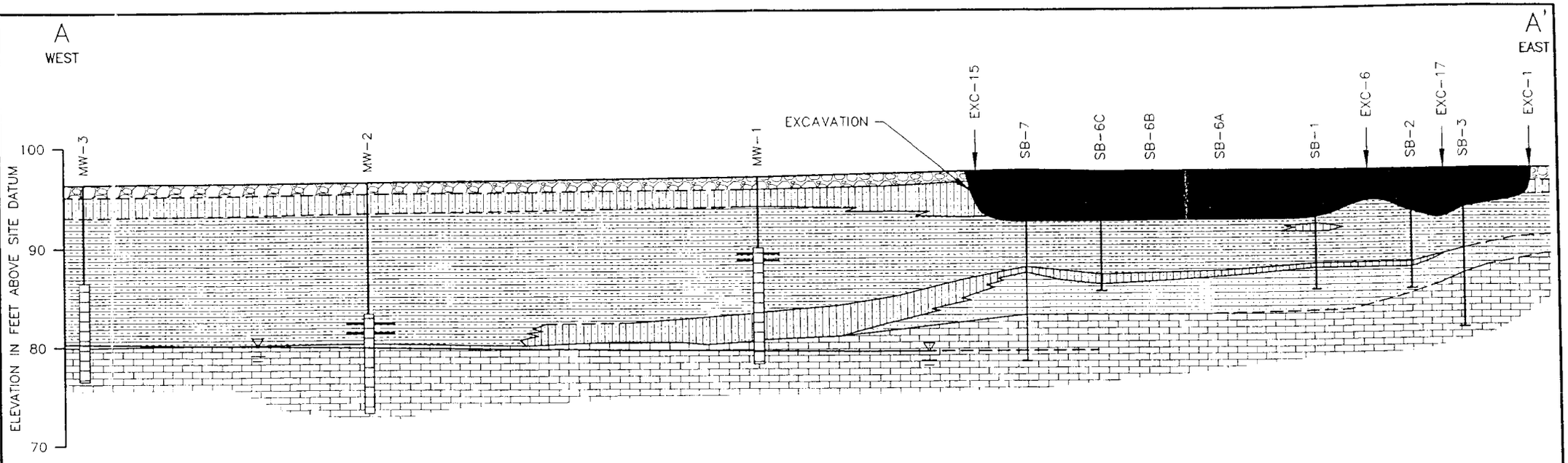
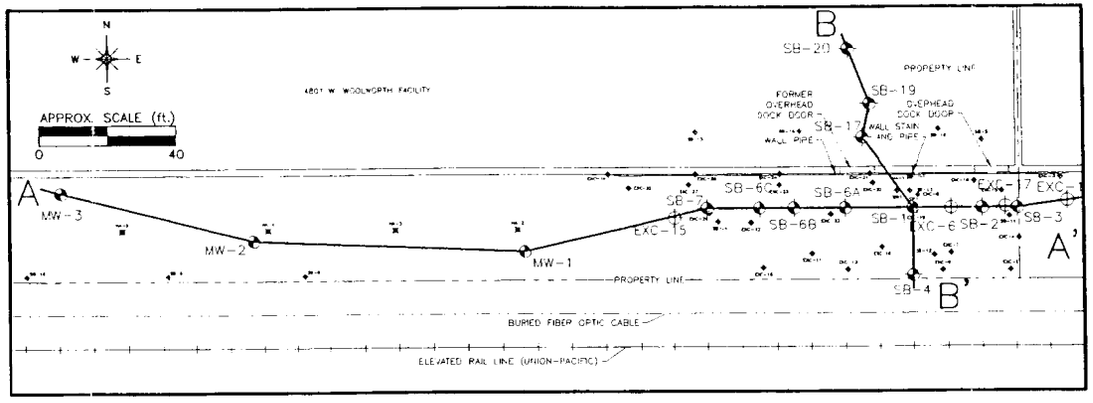
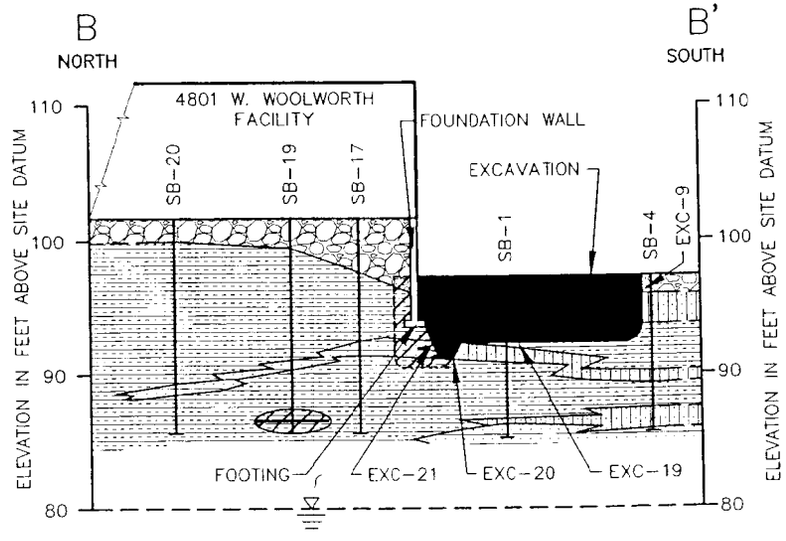




CROSS SECTION LOCATION PLAN

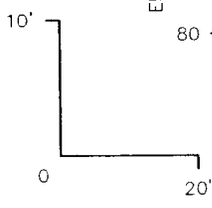


KEY:

RCLs = RESIDUAL CONTAMINANT LIMITS

SYMBOL LEGEND

WATER TABLE	SAND AND GRAVEL FILL	SOIL EXCEEDING RCLs
CONTACT	SILTY OR CLAYEY SAND	CLEAN BACKFILL
INFERRED CONTACT	SANDY OR CLAYEY SILT	
BORING	SILTY CLAY	
SCREENED INTERVAL	WEATHERED LIMESTONE	
BOTTOM OF BORING	SAND SEAM	



CROSS SECTION SCALE

VERTICAL EXAGGERATION = 2x

FIGURE 8

POST-REMEDIAL GEOLOGIC CROSS SECTIONS
4801 W. WOOLWORTH AVENUE
MILWAUKEE, WISCONSIN

ERM

USER: fredkjr FILE: S:\CPF\M88\M8816\00\ACAD\norpl\Post-Remedial-CrossSections.dwg\LAYOUT1 Mon, 05 May 2003 - 2:55pm

May 9, 2003

RE: Legal Description Statement

To Whom It May Concern:

As required by the Wisconsin Department of Natural Resources (WDNR) case summary and close out form, the legal descriptions are accurate and complete for the property located at 4801 West Woolworth Avenue in Milwaukee, Wisconsin. The legal description was obtained from the most recent deed and the certified survey map which is included in Attachment B.

Sincerely,

GPF Warehousing II , LLC

Bruce Gendelman