GIS REGISTRY INFORMATION

SITE NAME: Green Bay Correctional Institution

BRRTS #: 03-05-177847

CLOSURE DATE: 4/23/03

STREET ADDRESS: 2883 Riverside Drive

CITY: Green Bay

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 676093 Y= 446182

OFF-SOURCE CONTAMINATION (>ES): [ ] 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= _____

IF YES, STREET ADDRESS 3: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

IF YES, STREET ADDRESS 4: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

IF YES, STREET ADDRESS 5: _____

GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

SOIL CONTAMINATION >GENERIC OR SITE-SPECIFIC RCL: [ ] Yes [x] No

IF YES, STREET ADDRESS 1: _____

GPS COORDINATES (meters in WTM91 projection): _____ Y= _____

IF YES, STREET ADDRESS 2: _____

GPS COORDINATES (meters in WTM91 projection): _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: [ ] Yes [x] No

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	On plat map

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 site-specific residual contaminant levels.	x	
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	x	
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	na	
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.**	x	
GW: Table of water level elevations, with sampling dates, and free product noted if present	x	Included with groundwater analytical tables
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	x	Included on isoconcentration map
SOIL: Latest horizontal extent of contamination exceeding generic or site-specific RCLs, with one contour.	na	
Geologic cross-sections, ***if required for 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	
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	na	
Copy of (soil or land use) deed restriction(s) or deed notice ***if any required as a condition of closure.***	na	

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

June 30, 2003

Mr. Chris Timmens
WI DOC – Green Bay Correctional Institution
PO Box 19033
Green Bay, WI 54307

RE: **Final Closure**

Commerce # 54301-1635-83 WDNR BRRTS # 03-05-177847
WI DOT - Green Bay Correctional Institution, 2883 Riverside Drive, Green Bay

Dear Mr. Timmens:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Karl A. Schuldes - Robert E. Lee & Associates, Inc.
Case File

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
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Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

April 23, 2003

Mr. Chris Timmens
WI DOC – Green Bay Correctional Institution
PO Box 19033
Green Bay, WI 54307

RE: **Conditional Case Closure**

Commerce # 54301-1635-83 WDNR BRRTS # 03-05-177847
WI DOC Green Bay Correctional Institution, 2883 Riverside Drive, Green Bay

Dear Mr. Timmens:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by Robert E. Lee & Associates, Inc. for the site referenced above. It is understood that residual groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- Documentation of the abandonment (WDNR Abandonment Form 3300-B) of wells MW-1, MW-3 through MW-6, TW-1, TW-2 and P-2

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Karl A. Schuldes - Robert E. Lee & Associates, Inc.
Case File

File Ref: C:\my documents\bob\543\54301\163583GBcorrectionalinstitution\CONDITIONAL_CLOSURE.doc

No. 8645

WARRANTY DEED.

George G. Green, Hattie A. Green his wife, Charles E. Norman and Emma E. Norman his wife

of Denmark County, Wisconsin hereby Convey and Warrant To

the State of Wisconsin

Grantee of ~~County~~ for the sum of Fifteen Hundred ($1500.00) Dollars, the following tract of land in Brown County, State of Wisconsin, viz:

all that part of private claim number Twenty-five east side of Fox River which lies between the highway known as the River Road on the east and Fox River on the west; also all that part of said claim bounded on the south by the south line thereof, on the west by the said highway known as the River Road on the north by a line parallel with the said south line of said claim and forty chains and thirty-one links distant therefrom and on the east by East River; also a part of private claim number Twenty-six on the west side of Fox River described as follows to wit: commencing at a point in the east line of said claim one hundred and twenty rods from the center of said highway [illegible] thence westerly [illegible] to the place of beginning.

Witness the hands and seals of said Grantors this 31st day of July 1897

IN PRESENCE OF

Geo. G. Green [SEAL]

Hattie A. Green [SEAL]

Chas. E. Norman [SEAL]

Emma E. Norman [SEAL]

STATE OF WISCONSIN } ss.

County } Personally came before me this 31st day of July 1897 the above named George G. Green, Hattie A. Green his wife, Charles E. Norman and Emma E. Norman his wife, to me known to be the persons who executed the same, and acknowledged that they executed the same for the uses and purposes therein mentioned.

Witness my hand and seal this day A. D. 1897.

Jerome A. North

Notary Public Brown County Wis.

WARRANTY DEED.

[illegible] by his attorney in fact Charles E. Norman

of [illegible] County, Grantor hereby Convey and Warrant To

the State of Wisconsin for the sum of [illegible] Dollars, the following tract of land in [illegible] County, Wis.

[illegible]

Witness the hand and seal of said Grantor this 2nd day of August 1897

IN PRESENCE OF

[illegible] Mary A. Norman [SEAL]

[illegible] Chas. E. Norman by his attorney in fact [SEAL]

STATE OF WISCONSIN } ss.

County } Personally came before me this [illegible] day of August 1897 the above named Mary A. Norman by Chas. E. Norman her attorney in fact, to me known to be the persons who executed the same, and acknowledged that they executed the same for the uses and purposes therein mentioned.

Witness my hand and seal this day A. D. 1897.

[illegible] Notary Public

containing 82 acres of land.
Witness the hands and seals of said parties this 4th day of January 1905

In the presence of
Sidney R. Ware } as to
Elizabeth S. Wilson } B.C.R.

Charles E. Brosman (Seal)
Emma R. Brosman (Seal)
By B. L. Parker (Seal)
Her Attorney in fact
George H. Brown (Seal)
Nathalie C. Brown (Seal)

Byron H. Stebbins }
Wm. Harley }
State of Illinois }
Cook County } ss

Personally came before me this 4th day of January 1905 the above named Charles E. Brosman to me known to be the person who executed the foregoing instrument and acknowledged the same

Sidney R. Ware
Notary Public
Cook County Illinois

My Commission Expires June 14, 1907

State of Wisconsin }
Brown County } ss

Personally came before me this 18th day of January 1905 the above named Emma R. Brosman By B. L. Parker, to me satisfactorily known to be her Attorney in fact, and George H. Brown and Nathalie C. Brown his wife all to me known to be the persons who executed the foregoing instrument and acknowledged the same

Byron H. Stebbins
Notary Public Brown County
Wisconsin

My Commission Expires Dec. 9, 1910

Quit Claim Deed

No. 6758

This Indenture Made the 11th day of March in the year of our Lord one Thousand Nine Hundred and Five between Charles Brosman, his wife Emma Smith and Rose Brown of Chicago parties of the first part and Frank Brown of Lake Mahoman, party of the second part

Witnesseth, That the said parties of the first part for and in consideration of the sum of Six Hundred and Fifty and no/100 Dollars ($650.00) to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have granted, bargained, sold, remised, released and quit claimed, and by these presents do grant, bargain, sell, remise, release and quit claim unto the said party of the second part and to the heirs and assigns forever, the following described premises to wit:

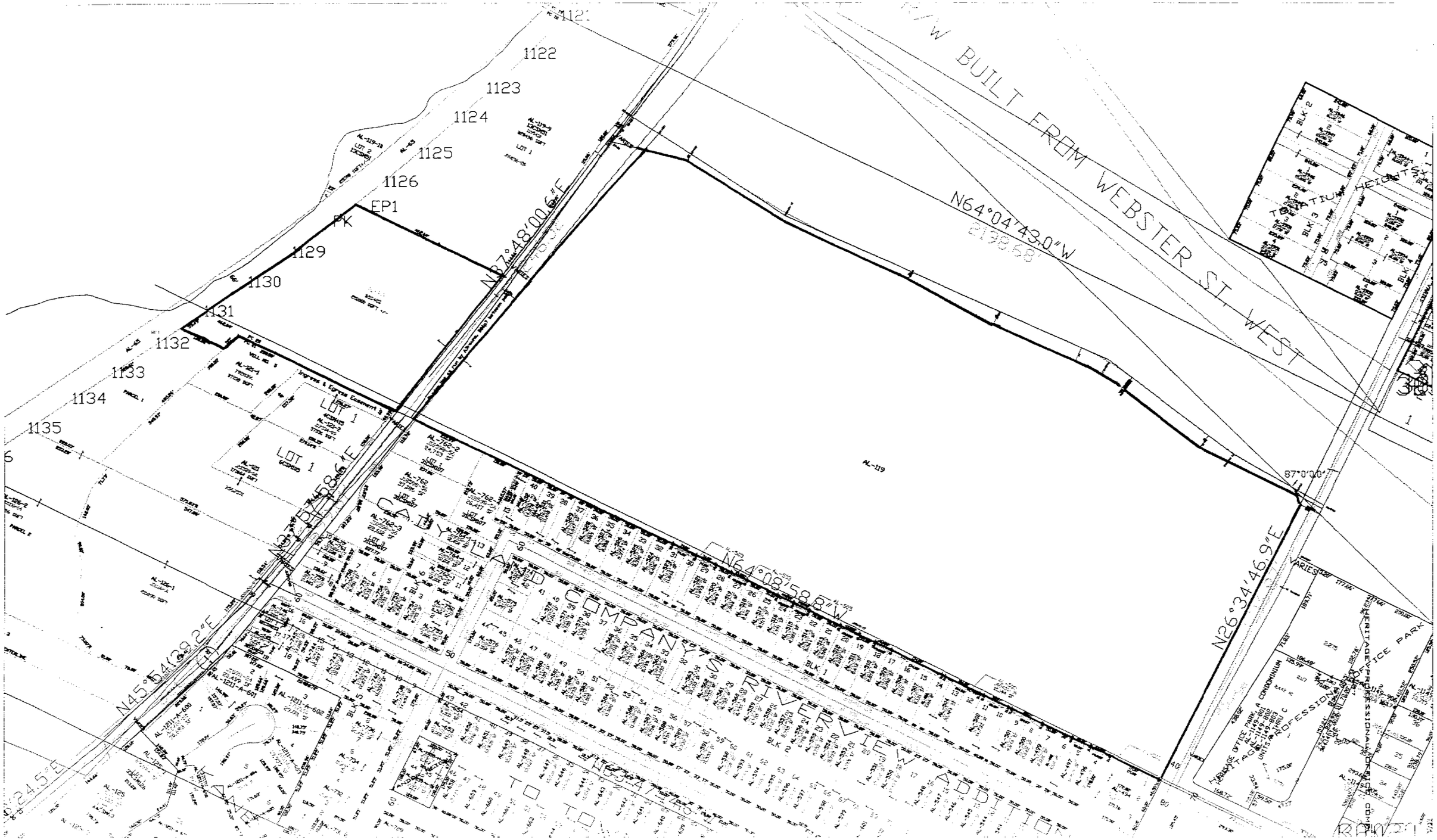
Lot Twelve (12) in Block number Twelve (12) in Morrill's Addition in the City of De Pere, Brown County Wisconsin according to the recorded plat thereof

Together with all the same, together with all and singular

Chas E. Brown et al
To
The State of Wisconsin } Warranty Deed

Charles E. Brown and Frances Brown, his wife, by R. L. Foster, their attorney in fact, and Geo. H. Crane and Rachel E. Crane, his wife, parties hereto, of the first part, for the State of Wisconsin, parties of the second part, for the sum of Eighteen Thousand Dollars ($18,000.00) Dollars, the following tract of land in Brown County, Wisconsin:

Beginning at the stone monument in the Westerly line of the highway that runs between the Cities of Green Bay and De Pere, Wisconsin, commonly known as the State Road in Township Twenty, distant 275.22 feet from the North line of said Section No. 20, thence Northerly along said Westerly line of said highway 275.22 feet to the point of intersection with the Southerly line of private claim No. 17; thence Westerly along said Westerly line of said highway a distance of 1029.16 feet to a point; thence Westerly in a line parallel with said Section line a distance of 2280 feet to a point in the easterly bank of the River; thence Southerly along said river bank to a point; thence East in a line parallel with the Southerly line of private claim No. 17 a distance of 1125 feet to a point in the Easterly bank of the river and the City of Green Bay and Depere (the point being distant 1.2 Southerly of the bank of land described 1016.6 feet and Southerly along the Easterly line of said river road); thence Southerly along said Easterly line of the before mentioned river road to a point; thence East in a line drawn parallel with the Southerly line of said Section No. 20 and distant 275.22 feet therefrom; thence Northerly along said parallel line a distance of 2185.2 feet to the point of beginning, excepting the four (4) acres owned by Fred Rice and excepting that (5) acres owned by Thos Rice and subject to the rights of the Chicago, Milwaukee & St. Paul Railroad Company in the highway known as the River Road and excepting also the tract in the Southwest corner of the tract described lying Northerly along the Easterly line of the River Road and 10 feet along the Westerly line of the tract being the land now owned by the State of Wisconsin and occupied by the residence of the Superintendent of the Wisconsin State Reformatory, the tract described above is intended to contain twenty nine and thirty one hundredths (29.3) acres of land more or less and also a strip of land seven and fifty (7.50) feet in width lying the Northerly boundary line of the above described premises, provided on Private claim No. 17 East Side of the River Fox, Township Twenty Brown County Wisconsin, formerly as follows and to be sold by the aforementioned Northerly boundary line of the Wisconsin State Reformatory grounds; on the West side by the center line of the Green Bay and De Pere State Road on the Northerly side by a line parallel to and distant from the said Northerly boundary line of the Wisconsin State Reformatory grounds 20.00 feet and on the East side by the River


R/W BUILT FROM WEBSTER ST. WEST
N64°04'43.0"W
2138.68'
N37°48'00.6"E
N64°08'58.8"W
N26°34'46.9"E
N45°54'39.2"E
N37°48'58.6"E
N63°47'24.5"W
1122
1123
1124
1125
1126
EP1
PK
1129
1130
1131
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1133
1134
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LOT 1
LOT 1
CAYLAND COMPANY'S RIVERVIEW ADDITION
TO
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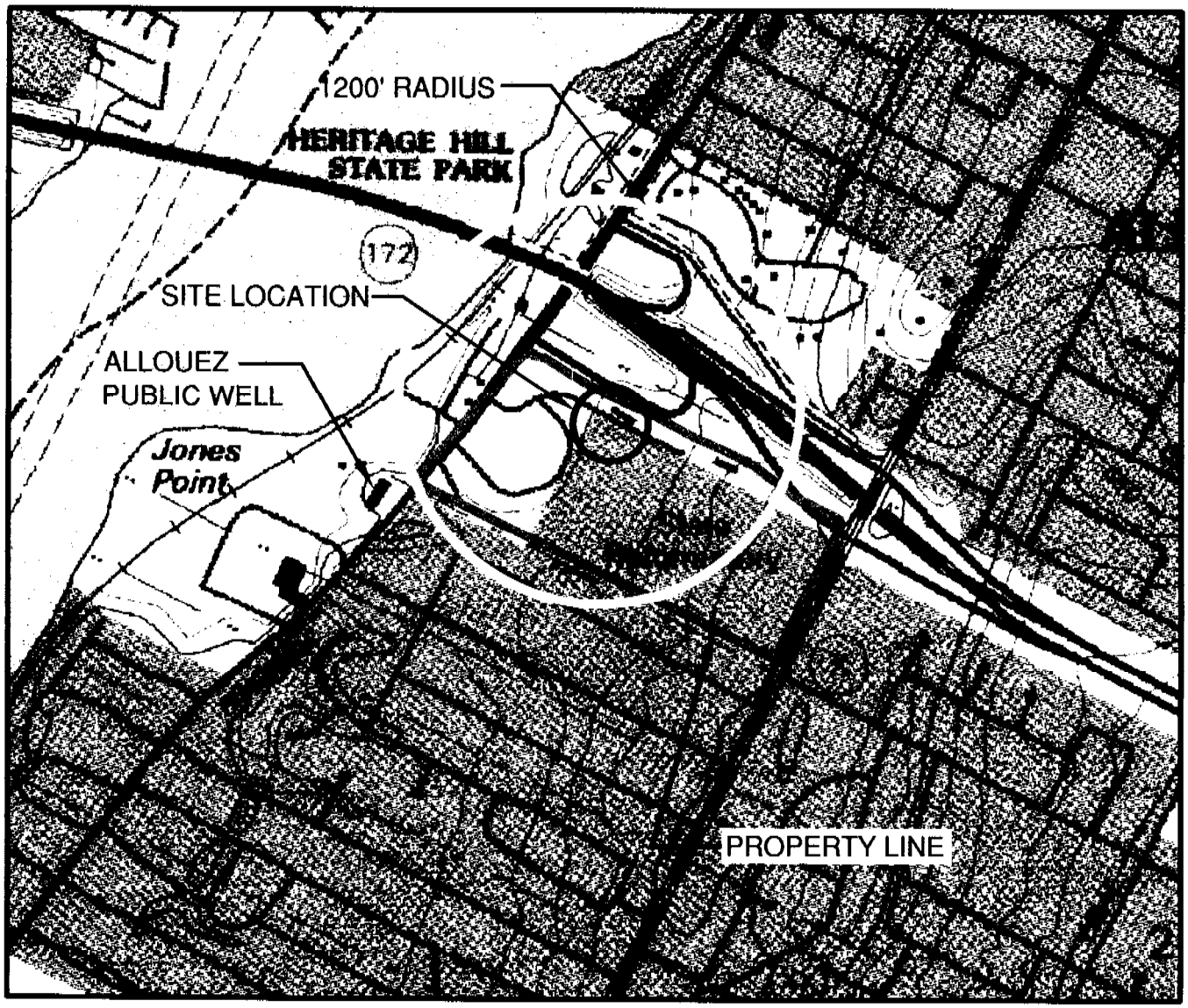
HERITAGE PROFESSIONAL OFFICE PARK
BLK 1
BLK 2
BLK 3



WELL LOCATION MAP

GREEN BAY CORRECTIONAL INSTITUTE
2833 RIVERSIDE DRIVE
GREEN BAY, WISCONSIN

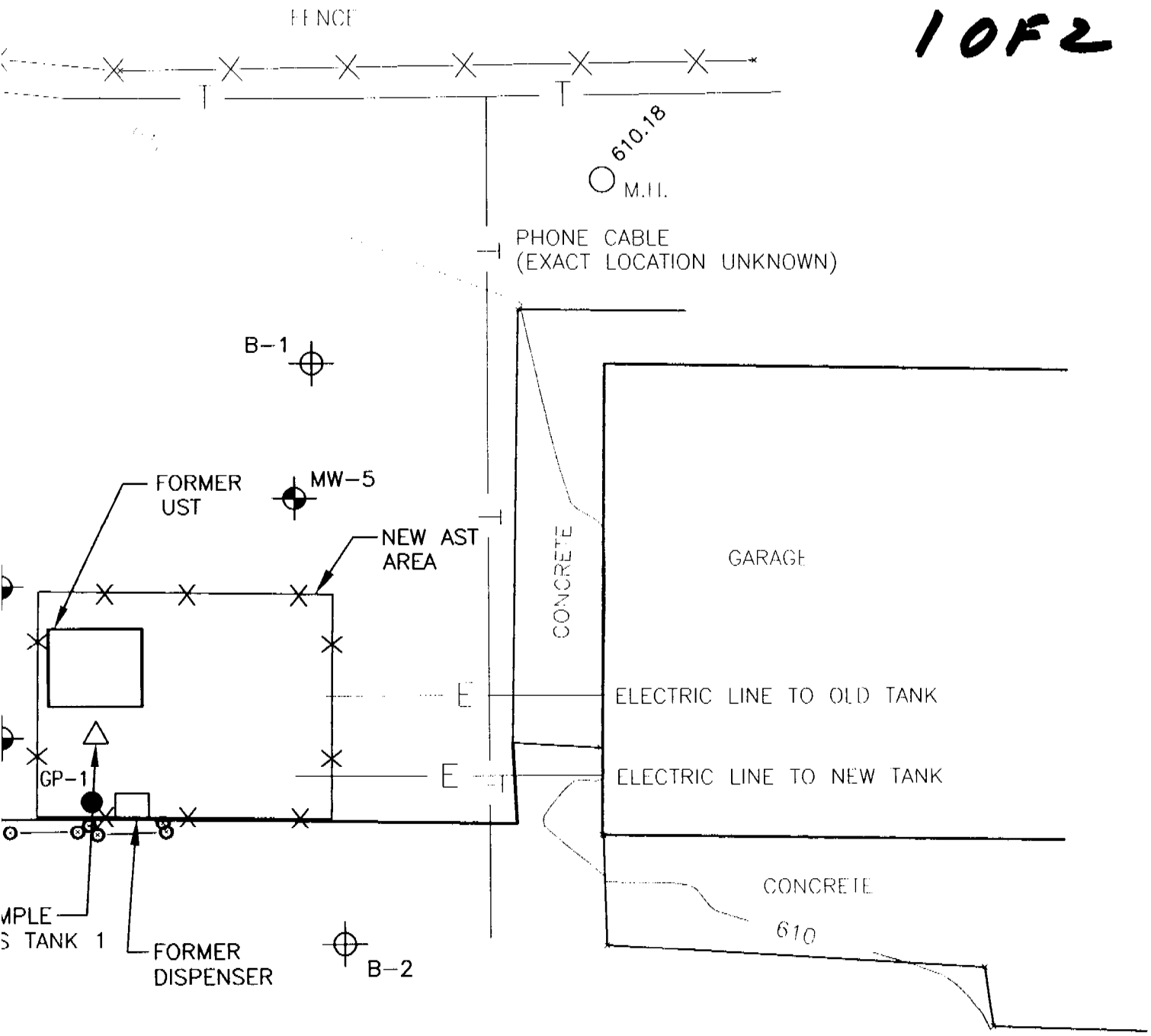
NORTH

1" = 1000'

MAP USED DE PERE - 1992

FIGURE 1

1 OF 2

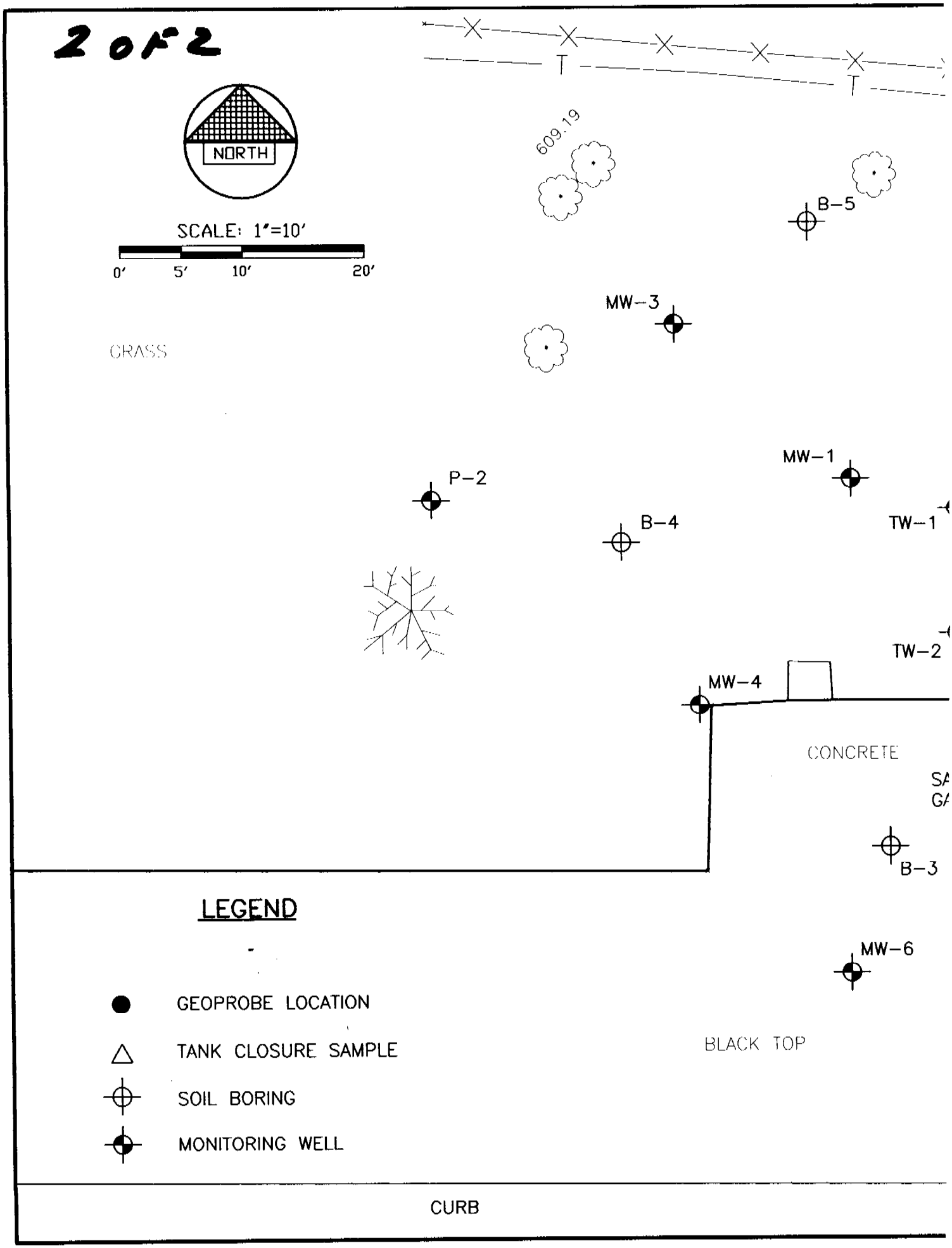


GREEN BAY CORRECTIONAL INSTITUTE
2833 RIVERSIDE DRIVE
GREEN BAY, WISCONSIN

SITE PLAN

FIGURE 1

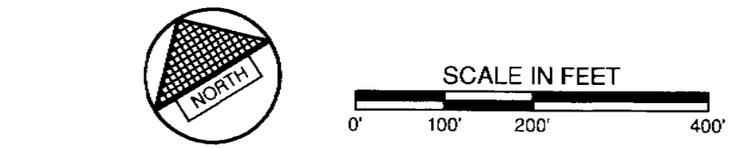
2 of 2



LEGEND

- GEOPROBE LOCATION
- TANK CLOSURE SAMPLE
- SOIL BORING
- MONITORING WELL

R:\3000\3021\3021015\dwg\3021015_SITE.dwg - RAT - 11/22/02



SCALE IN FEET

0' 100' 200' 400'

MW-1
MW-5
MW-3
GARAGE
MW-4
MW-6

GREEN BAY CORRECTIONAL INSTITUTE
2833 RIVERSIDE DRIVE
GREEN BAY, WISCONSIN

LEGEND

MW-1 MONITORING WELL LOCATION

SITE PLAN

FIGURE 1

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TABLE 1
Natural Attenuation Parameters, June 28, 2001

Parameter	MW-1	MW-3	MW-4	MW-5	TW-1	TW-2	P-2
Methane (ug/l)	<7.1	<7.1	<7.1	<7.1	<7.1	5820	<7.1
Dissolved O_2 (mg/l)	1.1	2.4	1.4	0.8	4.0	0.0	2.4
Iron (II) (mg/l)	0.2	0.4	1.5	0.2	0.2	10.0	0.2

TABLE 2
Soil Analytical Data

Parameter	NR 720 Standard	MW-1 4' - 6'	B-1 6' - 8'	B-2 8' - 10'	B-3 4' - 6'	B-4 6' - 8'	B-5 6' - 8'	GP-1 2'-4'	GP-1 6'-8'
GRO (ppm)	100 / 250	71	<0.65	<0.65	0.81	27	16	NA	NA
PVOC (ppb)									
Benzene	5.5	ND	ND	ND	ND	ND	ND	<57	<12
Toluene	1,500	382	ND	ND	ND	75	174	<34	<6.9
Ethylbenzene	2,900	283	ND	ND	41	593	52	<59	<12
Total Xylene	4,100	861	ND	ND	38	617	182	<25	<25
1,2,4-Trimethylbenzene	--	542	ND	ND	97	1,820	46	<142	48
1,3,5-Trimethylbenzene	--	3,170	ND	ND	58	1,720	155	<106	<22
MTBE	--	ND	ND	ND	ND	97	ND	<60	<12
1,2-DCA	4.9	NA	NA	NA	NA	NA	NA	<107	<22

TABLE 3
Groundwater Analytical Data

(µg/L)	PAL	ES	MW-6 5/6/02
Benzene	0.5	5.0	<0.08
Sec-Butylbenzene	--	--	0.72
1,2-Dichloroethane	0.5	5.0	<0.12
Ethylbenzene	140	700	<0.08
Total Xylene	124	620	<0.21
MTBE	12	60	6.4
Toluene	68.6	343	<0.08
Total Trimethylbenzene	96	480	<0.11
Isopropylbenzene	--	--	0.11

Note: Only those VOCs that were detected are included in the table. The second round of samples was analyzed for PVOC, not VOC, which did not include 1,2-Dichloroethane.

= NR 140 Preventive Action Limit exceedance

= NR 140 Enforcement Standard exceedance

TABLE 4
Groundwater Analytical Data

VOC/PVOC (µg/L)	PAL	ES	TW-1	
			4/29/98	10/1/98
Benzene	0.5	5.0	1.9	<0.5
Toluene	68.6	343	3.6	<0.6
Ethylbenzene	140	700	1.4	<0.6
Total Xylene	124	620	17.6	<1.7
MTBE	12	60	<0.92	<0.92
Total Trimethylbenzene	96	480	14.1	<1.7
1,2-Dichloroethane	0.5	5.0	NA	NA

TABLE 5

VOC/PVOC (µg/L)	PAL	ES	TW-2	
			4/29/98	10/1/98
Benzene	0.5	5.0	596	574
Toluene	68.6	343	1710	642
Ethylbenzene	140	700	1560	745
Total Xylene	124	620	5740	3363
MTBE	12	60	<46	<92
Total Trimethylbenzene	96	480	2497	1409
1,2-Dichloroethane	0.5	5.0	NA	NA

TABLE 6

VOC/PVOC (µg/L)	PAL	ES	P-2	
			10/1/98	10/1/98
Benzene	0.5	5.0	<0.5	<0.5
1,2-DCA	0.5	5.0	NA	NA
Ethylbenzene	140	700	<0.6	<0.6
Total Xylene	124	620	<1.7	<1.7
MTBE	12	60	<0.92	<0.92
Toluene	68.6	343	<0.6	<0.6
Total Trimethylbenzene	96	480	<1.7	<1.7

TABLE 7

VOC/PVOC (µg/L)	PAL	ES	MW-1			
			2/25/98	4/29/98	10/1/98	12/29/98
Benzene	0.5	5.0	0.5	1.4	<0.5	<0.94
Toluene	68.6	343	<0.4	<0.60	<0.6	<0.55
Ethylbenzene	140	700	<0.2	<0.60	<0.6	<0.97
Total Xylene	124	620	<0.4	<1.7	<1.7	<2.85
MTBE	12	60	<1.2	<0.92	<0.92	<3.66
Total Trimethylbenzene	96	480	4.0	0.91	<1.7	<2.32
1,2-Dichloroethane	0.5	5.0	1.3	NA	NA	<1.75

Note: Only those VOCs that were detected are included in the table. The second round of samples was analyzed for PVOC, not VOC, which did not include 1,2-Dichloroethane.

= NR 140 Preventive Action Limit exceedance

= NR 140 Enforcement Standard exceedance

TABLE 8
Groundwater Analytical Data

(µg/L)	PAL	ES	MW-3	
			10/1/98	12/29/98
Benzene	0.5	5.0	<0.5	2.01
1,2-Dichloroethane	0.5	5.0	NA	<3.50
Ethylbenzene	140	700	<0.6	14.8
Total Xylene	124	620	<1.7	45.3
MTBE	12	60	<0.92	<7.32
Toluene	68.6	343	<0.6	1.75
Total Trimethylbenzene	96	480	<1.7	89.1

TABLE 9

(µg/L)	PAL	ES	MW-4	
			10/1/98	12/29/98
Benzene	0.5	5.0	2.8	0.83
1,2-Dichloroethane	0.5	5.0	NA	2.11
Ethylbenzene	140	700	119	77.4
Total Xylene	124	620	101.2	46.9
MTBE	12	60	2.0	<0.73
Toluene	68.6	343	<0.6	0.26
Total Trimethylbenzene	96	480	197	73.2

TABLE 10

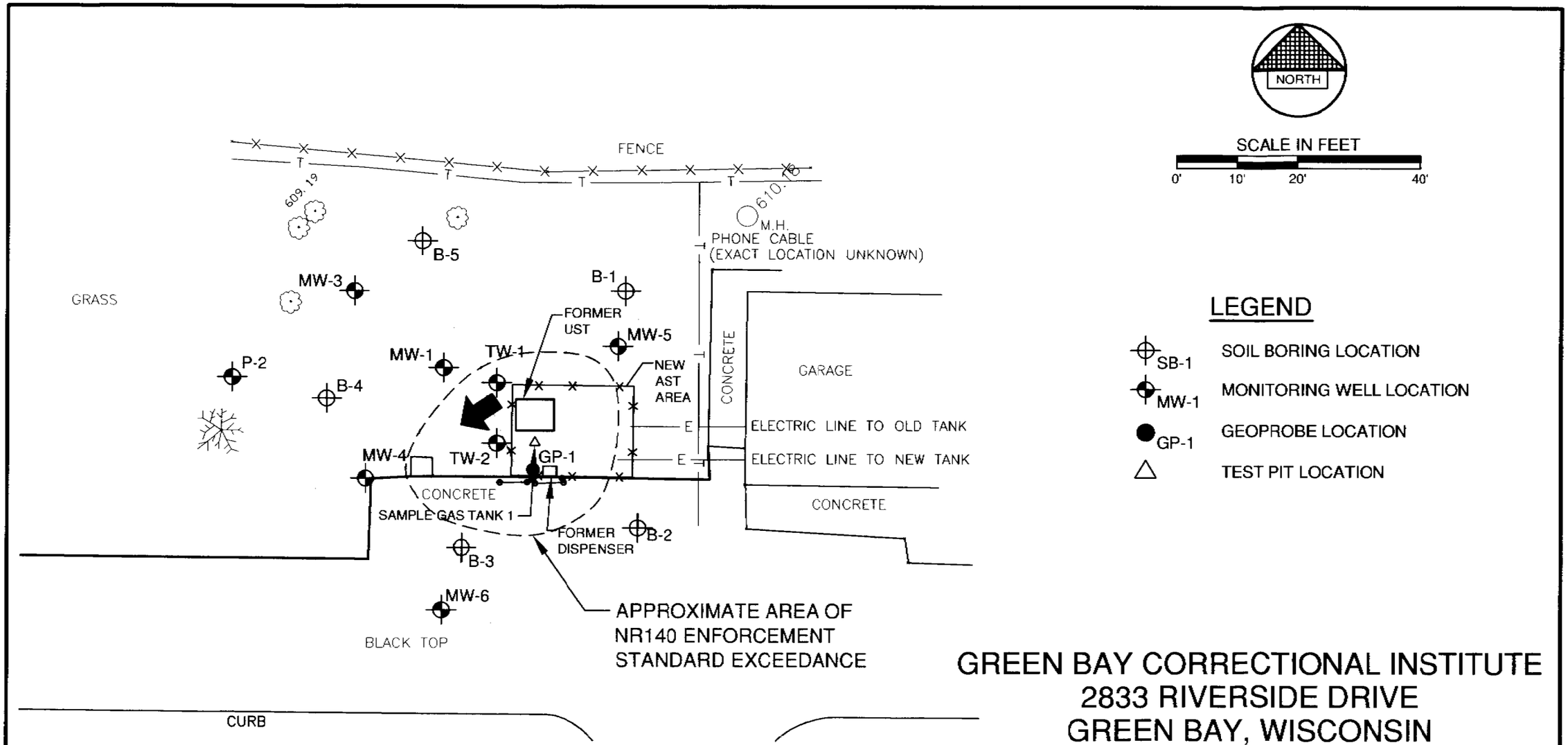
(µg/L)	PAL	ES	MW-5	
			10/1/98	12/29/98
Benzene	0.5	5.0	<0.5	<0.19
1,2-Dichloroethane	0.5	5.0	NA	<0.35
Ethylbenzene	140	700	<0.6	0.32
Total Xylene	124	620	<1.7	<0.57
MTBE	12	60	<0.92	<0.73
Toluene	68.6	343	<0.6	<0.11
Total Trimethylbenzene	96	480	<1.7	0.47

= NR 140 Preventive Action Limit exceedance

= NR 140 Enforcement Standard exceedance

TABLE 11
Water Table Elevations

Well ID	PVC Elevation	10/01/1998		12/29/1998		06/28/2001		11/26/2002	
		Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation
MW-1	608.88	3.67	605.21	4.58	604.30	3.42	605.46	4.31	604.57
P-2	608.30	3.47	604.83	4.15	604.15	3.04	605.26	4.43	603.87
MW-3	608.84	3.92	604.92	4.64	604.20	3.57	605.27	4.35	604.49
MW-4	608.75	3.76	604.99	4.51	604.24	3.36	605.39	4.72	604.03
MW-5	609.48	3.98	605.50	5.09	604.39	3.95	605.53	4.40	605.08
MW-6	608.86	-	-	-	-	-	-	3.92	604.94

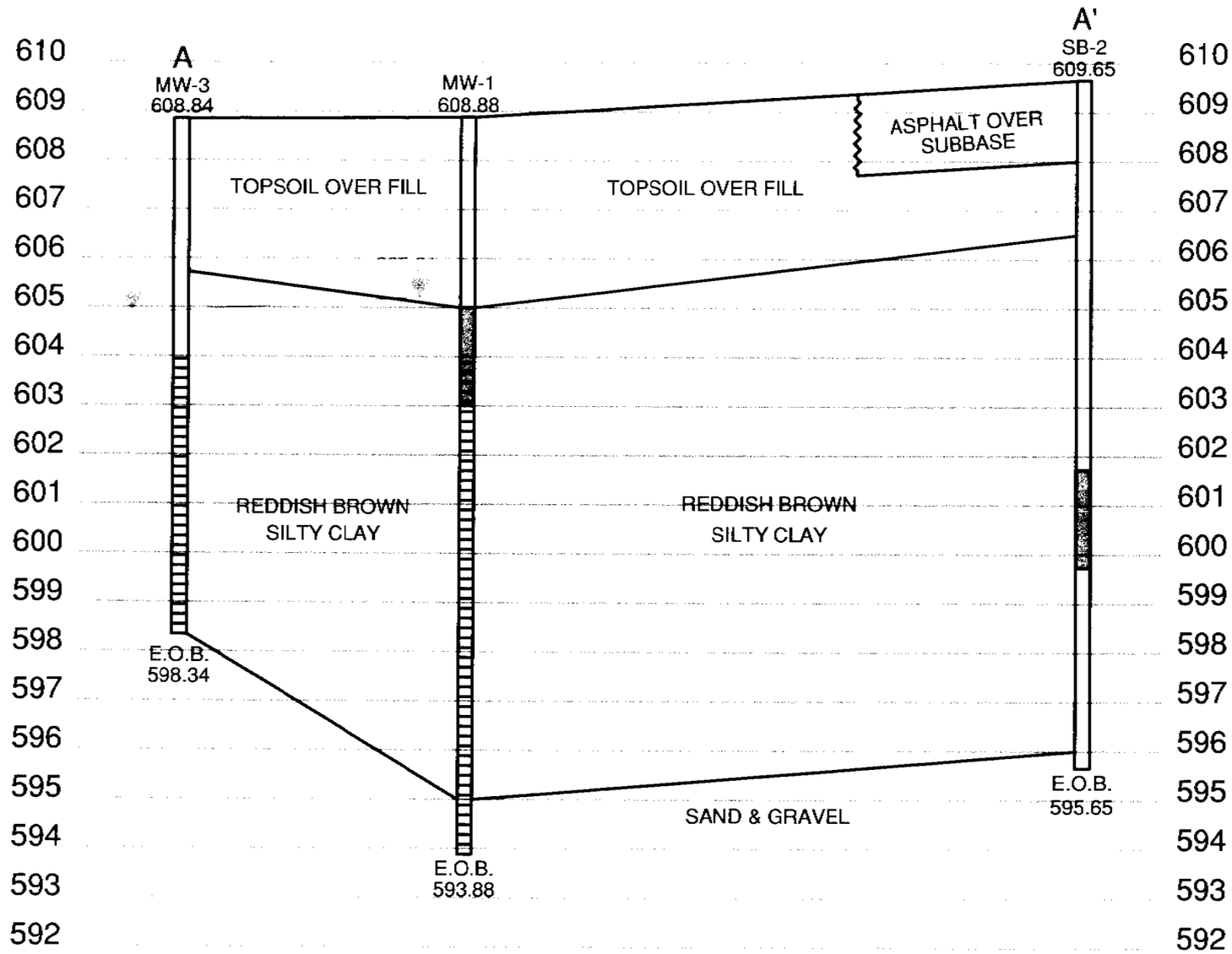


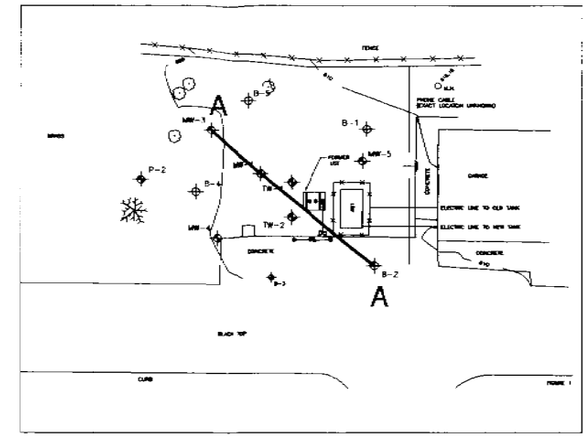
GREEN BAY CORRECTIONAL INSTITUTE
2833 RIVERSIDE DRIVE
GREEN BAY, WISCONSIN

GROUNDWATER CONTOUR
11/26/02

FIGURE 1

R:\3000\3021\3021015\dwg\GW_112602_LEGAL.dwg - RAT - 03/24/03





SCALE

VERTICAL 1" = 3'

HORIZONTAL 1" =10'

LEGEND

BELOW NR720 SOIL STANDARDS

NR720 SOIL STANDARD EXCEEDANCE

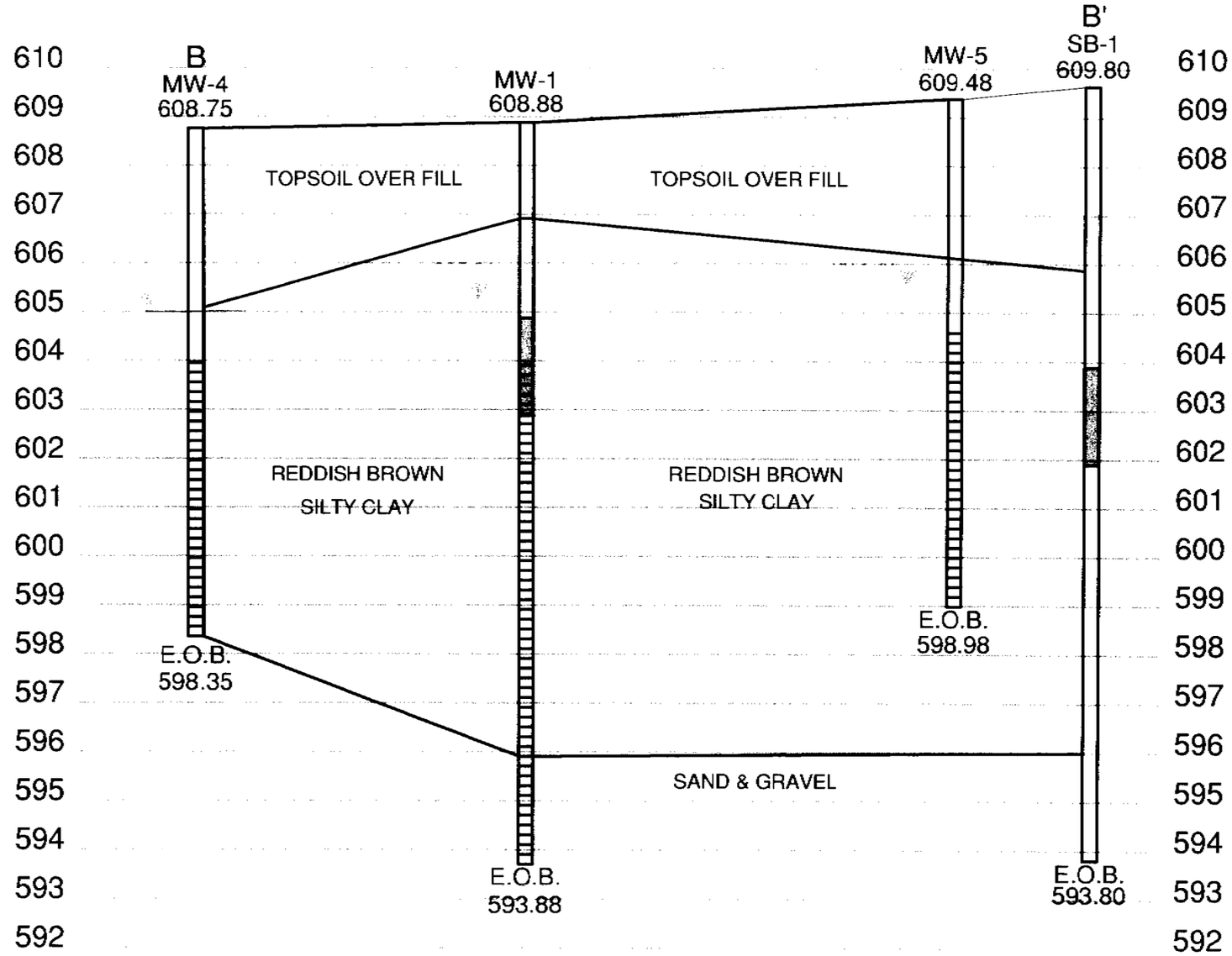
GROUNDWATER LEVEL

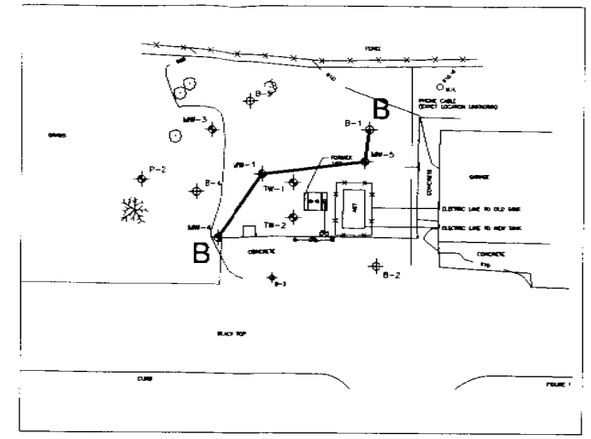
GREEN BAY CORRECTIONAL INSTITUTE
2833 RIVERSIDE DRIVE
GREEN BAY, WISCONSIN

GEOLOGIC CROSS SECTION

FIGURE 3

R:\3000\3021\302'0'5\dwg\3021_GEO.dwg - RAT - 03/24/03





SCALE

VERTICAL 1" = 3'

HORIZONTAL 1" =10'

LEGEND

BELOW NR720 SOIL STANDARDS

NR720 SOIL STANDARD EXCEEDANCE

GROUNDWATER LEVEL

GREEN BAY CORRECTIONAL INSTITUTE
2833 RIVERSIDE DRIVE
GREEN BAY, WISCONSIN

GEOLOGIC CROSS SECTION

FIGURE 4

R:\3000\3021\3021015\dwg\3021_GEO.dwg - RAT - 03/24/03

To whom it may concern:

I, the undersigned, certify that the enclosed legal description refers to the Green Bay Correctional Institute at 2833 Riverside Drive, Green Bay, Wisconsin.

James McMillan

Wisconsin Department of Administration

RECEIVED

MAR 19 2003

ROBERT E. LEE & ASSOC., INC.