

**GIS REGISTRY INFORMATION**

**SITE NAME:** UW Credit Union  
**BRRTS #:** 03-13-298236 **FID # (if appropriate):** \_\_\_\_\_  
**COMMERCE # (if appropriate):** \_\_\_\_\_  
**CLOSURE DATE:** 05-Nov-04  
**STREET ADDRESS:** 4101 Commercial Ave.; f.k.a. 710 N. Stoughton Road  
**CITY:** Madison

**SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):** X= 575690 Y= 292986

**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 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) X
- 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.
- GW: Table of water level elevations, with sampling dates, and free product noted if present X
- 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
- 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) 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



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Ruthe E. Badger, Regional Director

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY 608-275-3231

November 5, 2004

Mr. David Hall  
UW Credit Union  
P.O. Box 44963  
Madison, WI 53744-4963

Subject: Final Case Closure with Conditions Met for UW Credit Union, 4101 Commercial Avenue (f.k.a. 701 N. Stoughton Road); Madison, WI; Dane County; BRRTS # 03-13-298236

Dear Mr. Hall:

On January 22, 2004, 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. On January 23, 2004, you were notified that the Closure Committee had granted conditional closure of this case.

On October 27, 2004, the Department received correspondence indicating that you have complied with the one condition of closure requiring the abandonment of the site's monitoring wells. (We also acknowledge that your consultant apparently sent this well abandonment information to the DNR on February 9, 2004, but we have no record of having received it. If we received this information and misplaced it, I apologize.) Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation, or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment Program's Groundwater GIS Registry of Closed Remediation Sites. 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://dnr.wi.gov/org/aw/rr/gis/index.htm>. Because your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, if you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 must be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

If your site is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs for sites with petroleum contamination submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that this 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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the address listed above or as indicated below.

Sincerely,

A handwritten signature in black ink that reads "Hank Kuehling". The signature is written in a cursive style and is positioned above the typed name and contact information.

Hank Kuehling, P.G.  
Remediation & Redevelopment Program Hydrogeologist  
608.275.3286  
harlan.kuehling@dnr.state.wi.us

cc: Timothy Welch – Giles Engineering Associates, Inc



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Ruthe E. Badger, Regional Director

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY 608-275-3231

January 23, 2004

File Reference: 03-13-298236

Mr. David Hall  
UW Credit Union  
P.O. Box 44963  
Madison, WI 53744-4963

Subject: Conditional Closure of UW Credit Union Site, 4101 Commercial Avenue (f.k.a. 701 N. Stoughton Road); Madison, WI; Dane County

Dear Mr. Hall:

On January 22 2003, the South Central Region Closure Committee reviewed your request for closure of the case described above. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the committee has determined that the petroleum contamination on the site from the underground storage tanks appears to have been investigated and remediated to the extent practicable under the site conditions. The committee also concluded that the chlorinated volatile organic compounds found in some of the groundwater samples from monitoring wells on this site are from an off-site source. Your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following condition is satisfied.

### 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 the Department on Form 3300-5B, which can be provided by the Department at your request. When this condition has been satisfied, you will receive a final case closure letter.

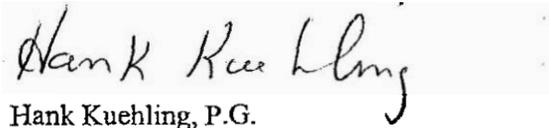
This site will be listed on the DNR Remediation and Redevelopment Groundwater GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. (To review the sites on the GIS Registry web page, visit the <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm> website.)

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs for sites with petroleum contamination must submit a final reimbursement claim within 120 days after they receive a final closure letter for their site. For claims not received by the PECFA Program within 120 days of the date of that final closure letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that 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 to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the address listed above or as indicated below.

Sincerely,

A handwritten signature in black ink that reads "Hank Kuehling". The signature is written in a cursive style and is placed over a light gray rectangular background.

Hank Kuehling, P.G.  
Remediation & Redevelopment Program Hydrogeologist  
608.275.3286  
harlan.kuehling@dnr.state.wi.us

cc: Timothy Welch – Giles Engineering Associates, Inc.

Document No.

DANE COUNTY  
REGISTER OF DEEDS

**3242916**

08-17-2000 10:15 AM

Trans. Fee 2110.50

Rec. Fee 16.00

Pages 4

**SPECIAL WARRANTY DEED**

This Deed, made between SUPERVALU INC., a Delaware corporation, located in Eden Prairie, Minnesota, formerly known as Super Valu Stores, Inc. ("Grantor"), and SUPERVALU HOLDINGS, INC., a Missouri corporation ("Grantee"),

000203

**Witnesseth**, That Grantor, for valuable consideration, conveys to Grantee the following described real estate situated in the County of Dane, and State of Wisconsin:

Return to:

UNIVERSITY OF WISCONSIN  
CREDIT UNION  
ATTN: DAVID C. HALL  
3500 UNIVERSITY AVE  
MADISON, WI 53706

Part of the Southeast ¼ of the Southwest ¼ and the Southwest ¼ of the Southeast ¼ of Section 33, Township 8 North, Range 10 East, in the City of Madison, Dane County, Wisconsin, described as follows: Commencing at a point on the West line of said Section 33, 10 feet North of the Southwest corner; thence North 87 degrees 58 minutes East, 2,921.0 feet; thence North 2 degrees 02 minutes West, 218.5 feet to the point of beginning; thence North 79 degrees 27 minutes West, 289.9 feet; thence North 48 degrees 12 minutes West, 122.0 feet to a point of curve of radius of 2,401.8 feet (from said point the long chord bears North 8 degrees 42 minutes West, 193.2 feet); thence Northwesterly along the arc of said curve to the left, 193.2 feet; thence North 30 degrees 37 minutes East, 74.7 feet; thence North 76 degrees 55 minutes East, 329.3 feet; thence South 2 degrees 02 minutes East, 149.1 feet; thence North 87 degrees 58 minutes East, 30 feet; thence South 2 degrees 02 minutes East, 316.5 feet to the point of beginning.

PIN: 251-0810-334-0073-0

Parcel Identification No.: 251-0810-334-0073-0 (formerly 60-0810-334-0073-0)

Together with all and singular the hereditaments and appurtenances thereunto belonging; but excepting and reserving an easement as described on the attached Exhibit B;

And Grantor warrants that on the date hereof, title to said real estate is free and clear from all encumbrances arising by, through or under the Grantor, except easements, reservations, restrictions and other matters of record, including without limitation those encumbrances listed on the attached Exhibit A.

4/16

In Witness Whereof, Grantor has executed this Deed as of August 11, 2000.

SUPERVALU INC.

By Stephen P. Kilgriff  
Stephen P. Kilgriff  
Its Vice President

And John P. Breedlove  
John P. Breedlove  
Its Secretary

000204

STATE OF MINNESOTA    )  
  ) SS.  
COUNTY OF HENNEPIN    )

Personally came before me, this 10 day of August, 2000, Stephen P. Kilgriff, Vice President, and John P. Breedlove, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Vice President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Elisabeth L. Amarvi  
Notary Public  
My Commission Expires:

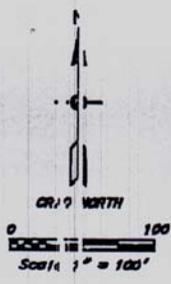


This instrument was drafted by:  
SUPERVALU INC.  
11840 Valley View Road  
Eden Prairie, MN 55344  
(952) 828-4000

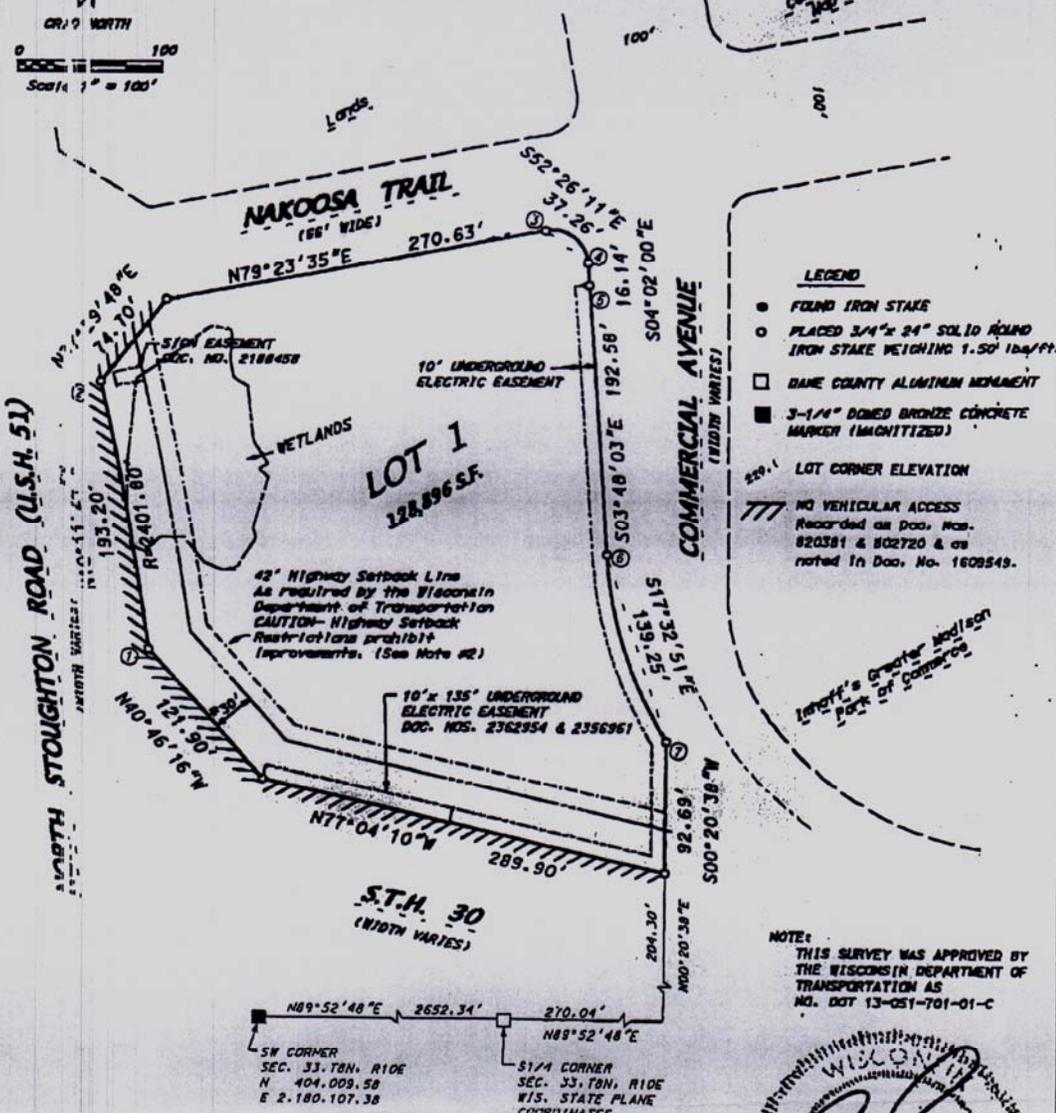
001387

# CERTIFIED SURVEY MAP

LOCATED IN THE SE 1/4 OF THE SW 1/4 AND IN THE SW 1/4 OF THE SE 1/4 OF SECTION 33, T8N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN



Lot 2  
Certified Survey  
Map No. 3518



- LEGEND**
- FOUND IRON STAKE
  - PLACED 3/4" x 24" SOLID ROUND IRON STAKE WEIGHING 1.50 lbs/ft.
  - DANE COUNTY ALUMINUM MONUMENT
  - 3-1/4" DOME BRONZE CONCRETE MARKER (MOUNTED)
  - LOT CORNER ELEVATION
  - /// NO VEHICULAR ACCESS  
Recorded as Doc. Nos. 820381 & 802720 & as noted in Doc. No. 1609549.

NOTE:  
THIS SURVEY WAS APPROVED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION AS NO. DOT 13-051-701-01-C



NOTE:  
THE STRIP RESERVED FOR THE PLANTING OF TREES AND SHRUBS BY THE OWNER; THE BUILDING OF BUILT BARRIERS HEREON IS PROHIBITED, AND THE REAR 30 FEET OF THE STRIP SHALL NOT BE COATED AS ANY REQUIRED YARD. MAINTENANCE OF THIS STRIP IS THE RESPONSIBILITY OF THE LOT OWNER.  
(SEE 16.23(1)(a)3.a.)



**D'ONOFRIO KOTKKE AND ASSOCIATES, INC.**  
7830 WESTWARD WAY  
MADISON, WISCONSIN 53717  
TEL: 608-833-7500  
FAX: 608-833-1089  
E-MAIL: donofrio@chorus.net

REV.: 7-17-01  
REV.: 5-15-00  
DATE: APRIL 26, 2000  
F.N.: 00-02-118  
C.S.M. NO. 10214  
DOC. NO. 3389783  
VOL. 60 SHEET 14

4/17



## City of Madison - Assessor's Office

### Legal Description

---

**(Notice: This description may be abbreviated and is for assessment purposes only. It should not be used to transfer property)**

**Parcel Number:** 081033408015 **Address:** 4101 Commercial Ave

**Lot Number:** 0

**Block Number:** 0

CERTIFIED SURVEY MAP NO 10861 AS DECLARED AND RECORDED IN DANE COUNTY REGISTER OF DEEDS AS IN VOL 65 PAGE 24 OF CERTIFIED SURVEYS, LOT 1.

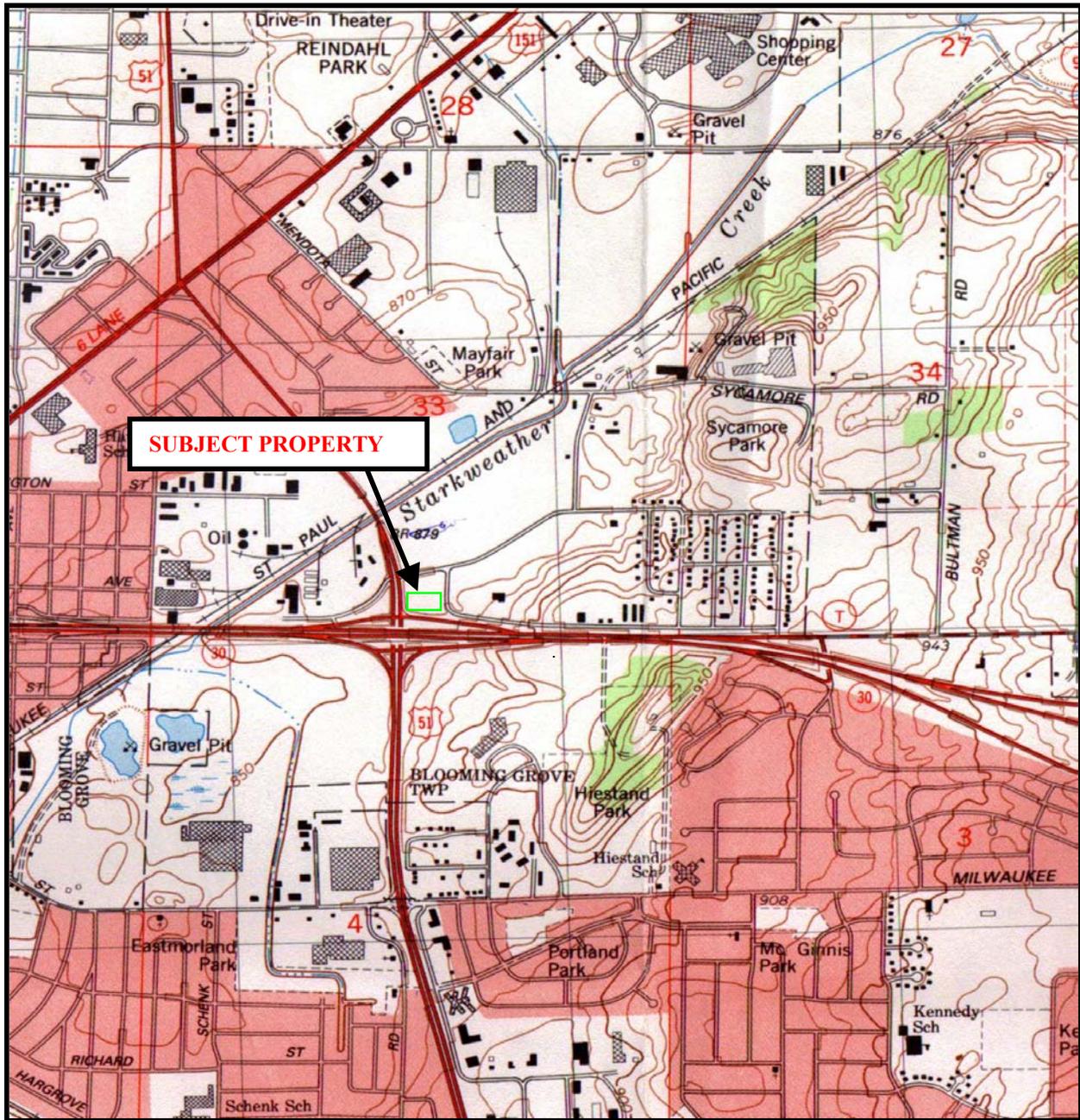
Scale 1 : 3,839



[Please read the documentation for](#)

[more information.](#)

▲ WTM coordinates: 575696, 292984



Source: USGS Madison East, Wisconsin (1983) 7.5 Minute Series (topographic) Quadrangle Map

Scale: 1:24,000  
 Contour Interval: 10 Feet

**FIGURE 1  
 SUBJECT PROPERTY LOCATION**



U.W. Credit Union  
 1401 Commercial Avenue  
 Madison, Wisconsin  
 Project No. 5E-0202016

**GILES**  
 ENGINEERING ASSOCIATES, INC.

**TABLE 4**  
**Groundwater Monitoring Well Analytical Results**

UW Credit Union  
4101 Commercial Avenue  
Madison, Wisconsin  
Project 5E-0202016

Sampling Date	Dissolved Pb (mg/l)	Detected PVOCs/VOCs (ug/l)																	Groundwater Elevation (feet)
		TMB	p-IPT	B	E	IPBz	n-PBz	T	X	MTBE	Napth	cis-1,2-DCE	TCE	sec-BuBz	TCFM	PCE	A	tert-BuBz	
<b>MW-1</b>	Top of Well Screen:	92.30															Length of Well Screen:		10.0
5/10/02	<1.5	<0.64	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.78	<0.39	<0.75	1.2	(4.0)	<0.34	<0.24	<0.31	<1.6	<0.30	87.84
8/14/02	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	86.96
11/14/02	--	<0.64	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.78	<0.39	<0.75	<0.27	<0.34	<0.34	<0.24	<0.31	<1.6	<0.30	86.58
2/25/03	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	86.03
<b>MW-2</b>	Top of Well Screen:	92.20															Length of Well Screen:		10.0
5/10/02	<1.5	(253)	3.3	57	(155)	17	33	16	686	<0.39	<0.75	<0.27	<0.34	2.4	<0.24	<0.31	<1.6	<0.30	86.85
8/14/02	--	(219)	--	20	131	--	--	5.4	284	(2.7)	48	--	--	--	--	--	--	--	86.94
11/14/02	--	<1.25	--	<0.44	11	--	--	<0.44	0.91j	<0.30	<1.2	--	--	--	--	--	--	--	86.55
2/25/03	--	(300)	--	125	(376)	--	--	27	(1,373)	<1.5	79	--	--	--	--	--	--	--	86.01
<b>MW-3</b>	Top of Well Screen:	93.30															Length of Well Screen:		10.0
5/10/02	<1.5	<0.64	<0.31	<0.27	<0.25	<0.33	>0.28	<0.29	<0.78	<0.39	<0.75	1.6	<0.34	<0.34	1.9	<0.31	<1.6	<0.30	87.88
8/14/02	--	0.89j	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	86.93
11/14/02	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	0.36j	<1.2	--	--	--	--	--	--	--	86.51
2/25/03	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	85.94
<b>MW-4</b>	Top of Well Screen:	92.70															Length of Well Screen:		10.0
5/10/02	<1.5	<0.64	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.76	<0.39	<0.75	4.2	<0.34	<0.34	2.9	0.49j	<1.6	<0.30	87.89
8/14/02	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	86.93
11/14/02	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	86.58
2/25/03	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	85.88
NR 140 PAL	1.5	96	NS	0.5	140	NS	NS	200	1,000	0.5	8	7	0.5	NS	NS	0.5	200	NS	--
NR 140 ES	15	480	NS	5	700	NS	NS	1,000	10,000	5	40	70	5	NS	NS	5	1000	NS	--

## Notes:

ug/l	Micrograms per Liter	Napth	Napthalene	IPT	Isopropyltoluene	A	Acetone
B	Benzene	E	Ethylbenzene	IPBz	Isopropylbenzene	PAL	Preventive Action Limit
VOC	Volatile Organic Compounds	TCE	Trichloroethene	PBz	Propylbenzene	ES	Enforcement Standard
TMB	Trimethylbenzene	X	Total Xylenes	BuBz	Butylbenzene	mg/l	Milligrams per liter
DCE	Dichloroethene	NS	No established standard	TCFLM	Trichlorofluoromethane	PVOC	Petroleum Volatile Organic Compounds
		--	Not Analyzed	PCE	Tetrachloroethene	NR	Natural Resources Chapter of the Wisconsin Administrative Code

j: Concentrations between laboratory level of detection and level of quantification

Results indicated in Blue/Parenthesis exceed the Wisconsin Administrative Code NR 140 Preventative Action Limits (PAL)

Results indicated in Red/Underlined exceed the Wisconsin Administrative Code NR 140 Enforcement Standard (ES)

**TABLE 4**  
**Groundwater Monitoring Well Analytical Results**

UW Credit Union  
4101 Commercial Avenue  
Madison, Wisconsin  
Project 5E-0202016

Sampling Date	Dissolved Pb (mg/l)	Detected PVOCs/VOCs (ug/l)																Groundwater Elevation (feet)	
		TMB	p-IPT	B	E	IPBz	n-PBz	T	X	MTBE	Napth	cis-1,2-DCE	TCE	sec-BuBz	TCFM	PCE	A		tert-BuBz
<b>MW-5</b>	Top of Well Screen:	89.70																Length of Well Screen:	10.0
5/10/02	(4.7j)	(292)	7.5	<u>16</u>	112	11	30	(275)	692	<0.39	<u>47</u>	<0.27	<0.34	3.4	<0.24	<0.34	10	0.44j	87.82
8/14/02	0.16	(375)	--	<u>16</u>	(176)	--	--	91	447	(4.2)	<u>61</u>	--	--	--	--	--	--	--	86.97
11/14/02	<0.049	(150)	--	<u>7.3</u>	(148)	--	--	36	317	(0.92j)	<u>60</u>	--	--	--	--	--	--	--	86.58
2/25/03	--	(128)	--	<u>(1.2j)</u>	109	--	--	28	332	<0.60	<u>46</u>	--	--	--	--	--	--	--	86.03
<b>MW-6</b>	Top of Well Screen:	91.25																Length of Well Screen:	10
8/14/02	0.08j	<0.64	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.78	<0.39	<0.75	3.8	<0.34	<0.34	1.6	0.49j	<1.6	<0.30	86.94
11/14/02	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	86.51
2/25/03	--	<1.25	--	<0.44	<0.57	--	--	<0.44	<1.48	<0.30	<1.2	--	--	--	--	--	--	--	85.96
<b>MW-7</b>	Top of Well Screen:	92.31																Length of Well Screen:	10
08/14/02	0.25	<0.64	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.78	<0.39	<0.75	<0.27	<u>17</u>	<0.34	<0.24	<0.31	<1.6	<0.30	86.94
11/14/02	--	<0.64	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.78	<0.39	<0.75	<0.27	(4.2)	<0.34	<0.24	<0.31	<1.6	<0.30	86.53
2/25/03	--	<0.77	<0.31	<0.27	<0.25	<0.33	<0.28	<0.29	<0.78	<0.39	<0.75	<0.27	(2.5)	<0.34	<0.24	<0.31	<1.6	<0.30	86.00
NR 140 PAL	1.5	96	NS	0.5	140	NS	NS	200	1,000	0.5	8	7	0.5	NS	NS	0.5	200	NS	--
NR 140 ES	15	480	NS	5	700	NS	NS	1,000	10,000	5	40	70	5	NS	NS	5	1000	NS	--

## Notes:

ug/l	Micrograms per Liter	Napth	Napthalene	IPT	Isopropyltoluene	A	Acetone
B	Benzene	E	Ethylbenzene	IPBz	Isopropylbenzene	PAL	Preventive Action Limit
VOC	Volatile Organic Compounds	TCE	Trichloroethene	PBz	Propylbenzene	ES	Enforcement Standard
TMB	Trimethylbenzene	X	Total Xylenes	BuBz	Butylbenzene	mg/l	Milligrams per liter
DCE	Dichloroethene	NS	No established standard	TCFLM	Trichloroflouromethane	PVOC	Petroleum Volatile Organic Compounds
		--	Not Analyzed	PCE	Tetrachloroethene	NR	Natural Resources Chapter of the Wisconsin Administrative Code
j:	Concentrations between laboratory level of detection and level of quantification						

Results indicated in Blue/Parenthesis exceed the Wisconsin Administrative Code NR 140 Preventative Action Limits (PAL)

Results indicated in Red/Underlined exceed the Wisconsin Administrative Code NR 140 Enforcement Standard (ES)

5/10/02	8/14/02	11/14/02	2/25/03
Pb < 1.5 DETECTED VOCs TMB = (253) p-IPT = 3.3 B = 57 E = (155) IPBz = 17 n-PBz = 33 T = 16 X = 686 s-BuBz = 2.4	DETECTED PVOCs TMB = (219) B = 20 E = 131 T = 5.4 X = 284 MTBE = (2.7) Naph = 48	DETECTED PVOCs E = 11 X = 0.91j	DETECTED PVOCs TMB = (300) B = 125 E = (376) T = 27 X = (1373) Naph = 79

8/14/02	11/14/02	2/25/03
Pb = 0.08j DETECTED VOCs c-1,2-DCE = 3.8 TCFM = 1.6 PCE = 0.49j	PVOCs < LOD	PVOCs < LOD

8/14/02	11/14/02	2/25/03
Pb = 0.25 DETECTED VOCs TCE = 17	DETECTED VOCs TCE = (4.2)	DETECTED VOCs TCE = (2.5)

5/10/02	8/14/02	11/14/02	2/25/03
Pb < 1.5 DETECTED VOCs c-1,2-DCE = 4.2 TCFM = 2.9 PCE = 0.49j	PVOCs < LOD	PVOCs < LOD	PVOCs < LOD

5/10/02	8/14/02	11/14/02	2/25/03
Pb < 1.5 DETECTED VOCs c-1,2-DCE = 1.6 TCFM = 1.9	DETECTED PVOCs TMB = 0.89j	DETECTED PVOCs MTBE = 0.36j	PVOCs < LOD

5/10/02	8/14/02	11/14/02	2/25/03
Pb = (4.7) DETECTED VOCs TMB = (292) p-IPT = 7.5 B = 16 E = 112 IPBz = 11 n-PBz = 30 T = (275) X = 692 Naph = 47 s-BuBz = 3.4 A = 10 t-BuBz = 0.44j	Pb = 0.16 DETECTED PVOCs TMB = (375) B = 16 E = (176) T = 91 X = 447 MTBE = (4.2) Naph = 61	Pb < 0.049 DETECTED PVOCs TMB = (150) B = 7.3 E = (148) T = 36 X = 317 MTBE = (0.92j) Naph = 60	DETECTED PVOCs TMB = (128) B = (1.2j) E = 109 T = 28 X = 332 Naph = 46

5/10/02	8/14/02	11/14/02	2/25/03
Pb < 1.5 DETECTED VOCs c-1,2-DCE = 1.2 TCE = (4)	PVOCs < LOD	VOCs < LOD	PVOCs < LOD

STOUGHTON ROAD

NAKOOSA TRAIL ROAD

COMMERCIAL AVENUE

EXIT RAMP HIGHWAY 30

**LEGEND:**

- MW1 MONITORING WELL
- ELECTRIC
- TELECOMMUNICATIONS
- G --- GAS LINE
- - - PROPERTY LINE
- ☀ LIGHT POST
- FORMER UST
- TREE
- ESTIMATED EXTENT OF PETROLEUM IMPACTED GROUNDWATER ABOVE NR 140 STANDARDS

**CHEMICAL KEY:**

- Ace: ACETONE
- B: BENZENE
- DCE: DICHLOROETHENE
- E: ETHYLBENZENE
- IPBz: ISOPROPYLBENZENE
- MTBE: METHYL TERT BUTYL ETHER
- n-PBz: n-PROPYLBENZENE
- Naph: NAPHTHALENE
- Pb: LEAD
- p-IPT: p-ISOPROPYLTOLUENE
- PCE: TETRACHLOROETHENE
- s-BuBz: Sec-BUTYLBENZENE
- T: TOLUENE
- t-BuBz: TERT-BUTYLBENZENE
- TCE: TRICHLOROETHENE
- TCFM: TRICHLOROFLUOROMETHANE
- TMB: TRIMETHYLBENZENE
- X: TOTAL XYLENES

**ABBREVIATIONS:**

- LOD: LIMIT OF DETECTION
- PVOC: PETROLEUM VOLATILE ORGANIC COMPOUND
- VOC: VOLATILE ORGANIC COMPOUND

**NOTES:**

VOC AND PVOC RESULTS EXPRESSED IN MICROGRAMS PER LITER (ug/l) EQUIVALENT TO PARTS PER BILLION (ppb)

LEAD RESULTS EXPRESSED IN MILLIGRAMS PER LITER (mg/L) EQUIVALENT TO PARTS PER MILLION (ppm)

RESULTS INDICATED IN BLUE/PARANTHESES ARE ABOVE THE WISCONSIN ADMINISTRATIVE CODE NR 140 PREVENTIVE ACTION LIMIT (PAL)

RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WISCONSIN ADMINISTRATIVE CODE NR 140 ENFORCEMENT STANDARD (ES)

-j: CONCENTRATION BETWEEN LABORATORY LIMIT OF DETECTION AND QUANTITATION LIMIT.

**TANK KEY:**

- (A) 1,000 GALLON GASOLINE UST
- (B) 1,000 GALLON FUEL OIL UST



**GILES ENGINEERING ASSOCIATES, INC.**  
 N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53186  
 (262)-544-0118

**FIGURE 9  
 GROUNDWATER ANALYTICAL RESULTS  
 UW CREDIT UNION  
 4101 COMMERCIAL AVENUE  
 MADISON, WISCONSIN**

DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 40'	06-04-03

PROJECT NO.: 5E-0202016 CAD NO.: E20201614

**Table 2  
Soil Analytical Results**

UW Credit Union  
4101 Commercial Avenue  
Madison, Wisconsin  
Project No. 5E-0202016

		NR 720 Soil Standards	NR 746 Table 1 Values	SAMPLING LOCATIONS						
				B1	B2	B3	B4	B5	B6	B7
<b>Date Sampled</b>		--		3/11/02	3/11/02	3/11/02	3/11/02	3/11/02	3/11/02	3/11/02
<b>Sample Depth (feet)</b>		--	--	4-6	8-10	6-8	4-6	8-10	8-10	4-6
<b>PID (Instrument units)</b>		--	--	100	BDL	10	BDL	BDL	BDL	BDL
PVOCs (ug/kg)	1,2,4-Trimethylbenzene	--	83,000	# 822,000 #	56j	47j	<30	<26	<26	29j
	1,3,5-Trimethylbenzene	--	11,000	# 295,000 #	37j	<17	<19	<16	<16	<16
	Benzene	5.5	8,500	<u>4,800j</u>	<19	<17	<19	<16	<16	<16
	Ethylbenzene	2,900	4,600	# 110,000 #	<8.9	<7.9	<8.8	<7.6	<7.5	<7.6
	Methyl Tert Butyl Ether	--	--	<1,280	<13	<11	<13	<11	<11	<11
	Toluene	1,500	38,000	#118,000 #	34	<6.5	<7.2	<6.2	<6.1	35
	Xylenes	4,100	42,000	# 1,115,500 #	113	93	<23	<19	<19	<20

**BDL:** Below Detection Limit

ug/kg: micrograms per kilogram equivalent to (ppb)

**PID:** Photoionization Detector

--: Not Applicable/Not Analyzed

j: Concentration measured between the laboratory detection limit and the quantitation limit

**PVOCs:** Petroleum Volatile Organic Compounds

**NR:** Natural Resources Chapter of the Wisconsin Administrative Code

**Results in red underline exceed the Wisconsin Administrative Code NR 720.09 Generic Residual Contaminant Level (RCL) Based on Groundwater Protection**

**Results in brown # exceed the Wisconsin Administrative Code NR 746-Table 1 Residual Petroleum Product in Soil Pores Screening Levels**

**Table 3**  
**Groundwater Temporary Well Analytical Results**

UW Credit Union  
4101 Commercial Avenue  
Madison, Wisconsin  
Project No. 5E-0202016

	Sample Locations			NR 140 ES	NR 140 PAL
	B5	B6	B7		
<b>Sample date</b>	3/11/02	3/11/02	3/11/02		
<b>Dissolved Lead (ug/l)</b>	<1.5	<1.5	<u>20</u>	15	1.5
<b>Detected VOCs (ug/l):</b>					
cis-1,2-Dichloroethene	0.47j	0.39j	<0.27	--	--
1,4-Dichlorobenzene	<0.36	0.54j	<3.6	75	15
Chloromethane	<0.49	(1.5j)	<0.49	3	0.3
Trimethylbenzene (combined)	<0.64	<0.64	<u>2,330</u>	480	96
1,2-Dibromoethane	<0.46	<0.46	<u>5.1j</u>	0.05	0.005
Benzene	<0.27	<0.27	<u>100</u>	5	0.5
Total Xylenes	<0.78	<0.78	480	10,000	1,000
Ethylbenzene	<0.25	<0.25	80	700	140
Isopropylbenzene	<0.33	<0.33	39	--	--
Methyl Tert Butyl Ether	0.60j	0.74j	<3.9	60	12
n-Butylbenzene	<0.36	<0.36	32	--	--
n-Propylbenzene	<0.28	<0.28	140	--	--
Naphthalene	<0.75	<0.75	<u>77</u>	40	8
p-Isopropyltoluene	<0.31	<0.31	180	--	--
Toluene	<0.29	<0.29	5.2j	1,000	200

**WDNR:** Wisconsin Department of Natural Resources

--: Not Analyzed / Not Applicable

**ES:** Enforcement Standard

**PAL:** Preventive Action Limit

**ug/L:** Micrograms per liter; equivalent to parts per billion (ppb)

j:

**VOCs:** Volatile Organic Compounds

**NS:** No Standard

Results indicated in Blue/Parenthesis are above the Wisconsin Administrative Code NR 140 Preventative Action Limits (PAL)

Results indicated in Red/Underlined exceed the Wisconsin Administrative Code NR 140 Enforcement Standard (ES)



**4-6' DEPTH**  
 PID = 100  
**DETECTED PVOCs**  
 1,2,4-TMB = #822,000#  
 1,3,5-TMB = #295,000#  
**B = 4800j**  
 E = #110,000#  
 T = #118,000#  
 X = #1,115,500#

**8-10' DEPTH**  
 PID = BDL  
 PVOCs < LOD

**6-8' DEPTH**  
 PID = 10  
**DETECTED PVOCs**  
 1,2,4-TMB = 47j  
 X = 93

**8-10' DEPTH**  
 PID = BDL  
 PVOCs < LOD

**4-6' DEPTH**  
 PID = BDL  
**DETECTED PVOCs**  
 1,2,4-TMB = 29j  
 T = 35

**4-6' DEPTH**  
 PID = BDL  
 PVOCs < LOD

**8-10' DEPTH**  
 PID = BDL  
**DETECTED PVOCs**  
 1,2,4-TMB = 56j  
 1,3,5-TMB = 37j  
 T = 34  
 X = 113

**LEGEND:**

- B1 SOIL BORING
- MW1 MONITORING WELL
- ELECTRIC
- TELECOMMUNICATIONS
- GAS LINE
- PROPERTY LINE
- LIGHT POST
- FORMER UST
- TREE
- ESTIMATED EXTENT OF PETROLEUM IMPACTED SOIL ABOVE NR 720 AND/OR NR 746 TABLE 1 STANDARDS

**TANK KEY:**

- (A) FORMER 1,000 GALLON GASOLINE UST
- (B) FORMER 1,000 GALLON FUEL OIL UST

**CHEMICAL KEY:**

- B: BENZENE
- E: ETHYLBENZENE
- MTBE: METHYL TERT BUTYL ETHER
- T: TOLUENE
- TMB: TRIMETHYLBENZENE
- X: TOTAL XYLENES

**ABBREVIATIONS:**

- BDL: BELOW DETECTION LIMIT
- LOD: LIMIT OF DETECTION
- PID: PHOTOIONIZATION DETECTOR (FIELD)
- PVOC: PETROLEUM VOLATILE ORGANIC COMPOUND

**NOTES:**

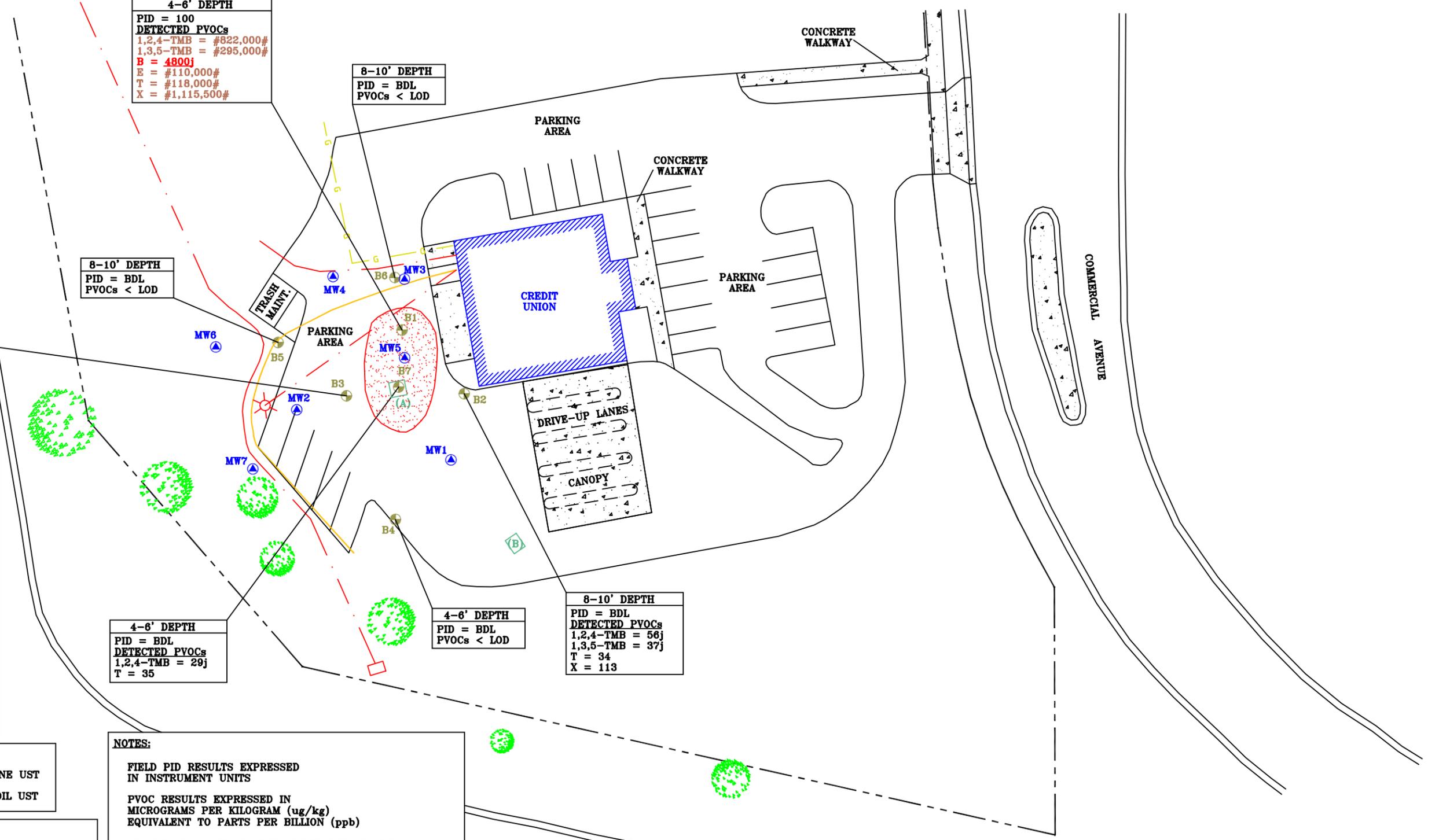
FIELD PID RESULTS EXPRESSED IN INSTRUMENT UNITS

PVOC RESULTS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg) EQUIVALENT TO PARTS PER BILLION (ppb)

**RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WISCONSIN ADMINISTRATIVE CODE NR 720.09 GENERIC RESIDUAL CONTAMINANT LEVEL (RCL) BASED ON GROUNDWATER PROTECTION**

**RESULTS INDICATED IN BROWN/# EXCEED THE WISCONSIN ADMINISTRATIVE CODE NR 746-TABLE 1 RESIDUAL PETROLEUM PRODUCT IN SOIL PORES SCREENING LEVELS**

-j: CONCENTRATION BETWEEN LABORATORY LIMIT OF DETECTION AND QUANTITATION LIMIT.



**Giles Engineering Associates, Inc.**  
 88 W22350 JOHNSON RD.; WAUKESHA, WI, 53186  
 (262)-544-0118

**FIGURE 8**  
 SOIL ANALYTICAL RESULTS (PRE-SOIL REMEDIATION)  
 UW CREDIT UNION  
 4101 COMMERCIAL AVENUE  
 MADISON, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 40'	06-04-03

PROJECT NO.: 5E-0202016 CAD NO.: E20201613

**Table 6**  
**Soil Analytical Results (Excavation Confirmation Samples)**

UW Credit Union  
4101 Commercial Avenue  
Madison, Wisconsin  
Project No. 5E-0202016

Analyte	Test Boring Numbers							NR 720 Soil Standards	NR 746 Table 1 Values
	BT-2	BT-3	S-5	S-6	S-7	S-8	TRK-7		
Sample Depth (feet)	13	12	10	11	11	7	--		
Sample Date	4/30/02	4/30/02	4/30/02	4/30/02	4/30/02	4/30/02	4/30/02		
PID (HNU)	200	200	200	200	200	BDL	1,000	--	--
Lead (Pb) (mg/kg)	<2.89	<2.81	<3.08	<2.9	<2.98	<2.77	--	50	--
<b>Detected PVOCs (ug/kg):</b>									
1,2,4-Trimethylbenzene	1,420	1,370	<31	4,150	134	<28	56,900	--	83,000
1,3,5-Trimethylbenzene	472	447	43j	1,300	83j	<28	# 21,800 #	--	11,000
Benzene	<u>46j</u>	<u>53j</u>	<31	<u>59j</u>	<30	<28	<303	5.5	8,500
Toluene	96	45j	49j	355	<30	<28	908j	1,500	38,000
Ethylbenzene	495	401	<31	829	35j	<28	1,940	2,900	4,600
Xylene	2,710	2,410	<94	<u>4,980</u>	<91	<85	# 42,400 #	4,100	42,000

**PID:** Photoionization Detector

**TRK:** Truck

**PVOCs:** Petroleum Volatile Organic Compounds

**mg/kg:** Milligrams per kilogram; equivalent to parts per million (ppm)

**ug/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

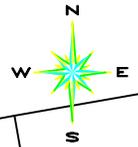
--: Not analyzed/Not applicable

j: Concentration detected between the detection limit and the quantitation limit

**NR:** Natural Resources Chapter of the Wisconsin Administrative Code

**Results in red/underline exceed the Wisconsin Administrative Code NR 720.09 Generic Residual Contaminant Level (RCL) Based on Groundwater Protection**

**Results in brown# exceed the Wisconsin Administrative Code NR 746-Table 1 Residual Petroleum Product in Soil Pores Screening Levels**



**11' DEPTH**  
 PID = 200  
 DETECTED PVOCs  
 1,2,4-TMB = 134  
 1,3,5-TMB = 83j  
 E = 35j

**12' DEPTH**  
 PID = 200  
 DETECTED PVOCs  
 1,2,4-TMB = 1,370  
 1,3,5-TMB = 447  
 B = 53j  
 T = 45j  
 E = 401  
 X = 2,410

**11' DEPTH**  
 PID = 200  
 DETECTED PVOCs  
 1,2,4-TMB = 4,150  
 1,3,5-TMB = 1,300  
 B = 59j  
 T = 355  
 E = 829  
 X = 4,980

**10' DEPTH**  
 PID = 200  
 DETECTED PVOCs  
 1,3,5-TMB = 43j  
 T = 49j

**13' DEPTH**  
 PID = 200  
 DETECTED PVOCs  
 1,2,4-TMB = 1,420  
 1,3,5-TMB = 472  
 B = 46j  
 T = 96  
 E = 495  
 X = 2,710

**7' DEPTH**  
 PID = BDL  
 PVOCs < LOD

PARKING AREA

CREDIT UNION

DRIVE-UP LANES

<CANOPY

**CHEMICAL KEY:**  
 -B: BENZENE  
 -E: ETHYLBENZENE  
 -T: TOLUENE  
 -TMB: TRIMETHYLBENZENE  
 -X: TOTAL XYLENES

**ABBREVIATIONS:**  
 -BDL: BELOW DETECTION LIMIT  
 -LOD: LIMIT OF DETECTION  
 -PID: PHOTOIONIZATION DETECTOR (FIELD)  
 -PVOC: PETROLEUM VOLATILE ORGANIC COMPOUND

**LEGEND:**  
 ● S3 EXCAVATION SAMPLE  
 □ (A) FORMER UST

**NOTES:**  
 FIELD PID RESULTS EXPRESSED IN INSTRUMENT UNITS

PVOC RESULTS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg) EQUIVALENT TO PARTS PER BILLION (ppb)

**RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WISCONSIN ADMINISTRATIVE CODE NR 720.09 GENERIC RESIDUAL CONTAMINANT LEVEL (RCL) BASED ON GROUNDWATER PROTECTION**

-j: CONCENTRATION BETWEEN LABORATORY LIMIT OF DETECTION AND QUANTITATION LIMIT.

**TANK KEY:**  
 (A) FORMER 1,000 GALLON GASOLINE UST

**GILES ENGINEERING ASSOCIATES, INC.**  
 N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53188  
 (262)-544-0118

**FIGURE 10**  
 SOIL ANALYTICAL RESULTS (EXCAVATION)  
 UW CREDIT UNION  
 4101 COMMERCIAL AVENUE  
 MADISON, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
CJR	RH	X	1" = 20'	03/05/02

PROJECT NO.: 5E-0202016 CAD NO.: E2020166

**TABLE 1**  
**Groundwater Elevation and Survey Data**

UW Credit Union  
4101 Commercial Avenue  
Madison, Wisconsin  
Project No. 5E-0202016

Well No.	PVC Elevation	Ground Elevation	Borehole		Screen			Groundwater		
			Depth of borehole	Elevation of borehole bottom	Screen length	Elevation of screen bottom	Elevation of screen top	Date of Measurement	Depth from PVC	Elevation
MW1	98.32	98.80	20.00	78.30	10.00	82.30	92.30	5/10/02	10.48	87.84
								8/14/02	11.36	86.96
								11/14/02	11.74	86.58
								2/25/03	12.29	86.03
MW2	97.20	97.70	15.00	82.20	10.00	82.20	92.20	5/10/02	10.35	86.85
								8/14/02	10.26	86.94
								11/14/02	10.65	86.55
								2/25/03	11.19	86.01
MW3	98.36	96.60	15.00	83.30	10.00	83.30	93.30	5/10/02	10.48	87.88
								8/14/02	11.43	86.93
								11/14/02	11.85	86.51
								2/25/03	12.42	85.94
MW4	97.73	98.10	15.00	82.70	10.00	82.70	92.70	5/10/02	9.84	87.89
								8/14/02	10.80	86.93
								11/14/02	11.15	86.58
								2/25/03	11.85	85.88
MW5	97.79	98.60	15.00	79.70	10.00	79.70	89.70	5/10/02	9.97	87.82
								8/14/02	10.82	86.97
								11/14/02	11.21	86.58
								2/25/03	11.76	86.03
MW6	96.85	97.25	16.00	81.25	10.00	81.25	91.25	8/14/02	9.91	86.94
								11/14/02	10.34	86.51
								2/25/03	10.89	85.96
MW7	98.09	98.31	16.00	82.31	10.00	82.31	92.31	8/14/02	11.15	86.94
								11/14/02	11.56	86.53
								2/25/03	12.09	86.00

Note: all units expressed in feet  
Benchmark: Finished floor of UW Credit Union, with assumed elevation of 100.00 feet.

NAKOOSA TRAIL ROAD



STOUGHTON ROAD

COMMERCIAL AVENUE

CUB FOOD  
LIL' BEAR  
GASOLINE  
STATION  
(4141 NAKOOSA TRAIL)

EXIT RAMP HIGHWAY 30

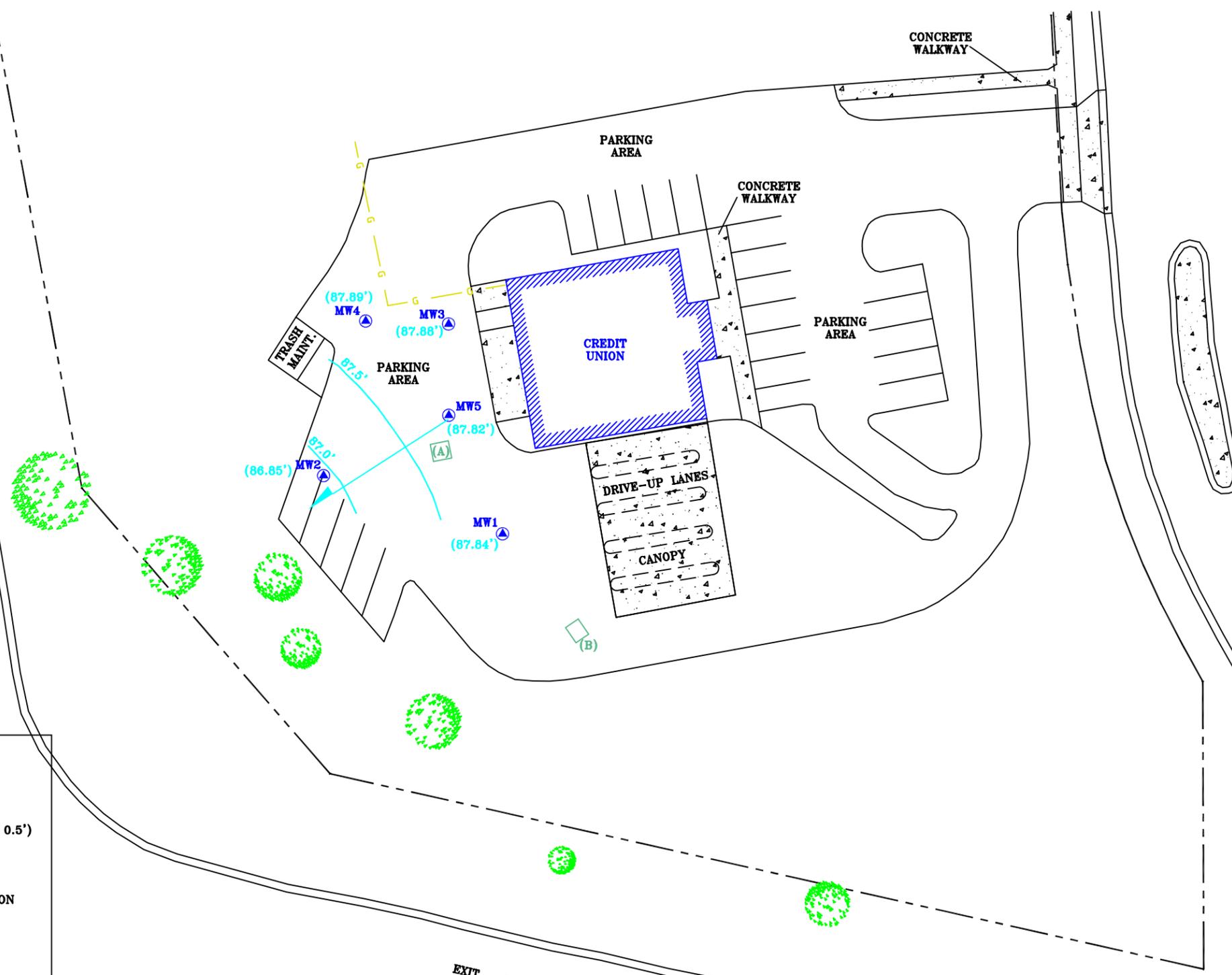
**LEGEND:**

- MW1 MONITORING WELL
- 87.0' GROUDWATER CONTOUR AND ELEVATION (CONTOUR INTERVAL = 0.5')
- GROUDWATER FLOW DIRECTION
- (86.85') GROUNDWATER ELEVATION
- ELECTRIC
- TELECOMMUNICATIONS
- G GAS LINE
- PROPERTY LINE
- LIGHT POST
- FORMER UST
- TREE

**TANK KEY:**

- (A) FORMER 1,000 GALLON GASOLINE UST
- (B) FORMER 1,000 GALLON FUEL OIL UST

**NOTE:**  
1.) GROUNDWATER ELEVATIONS MEARSURED ON 05/10/02



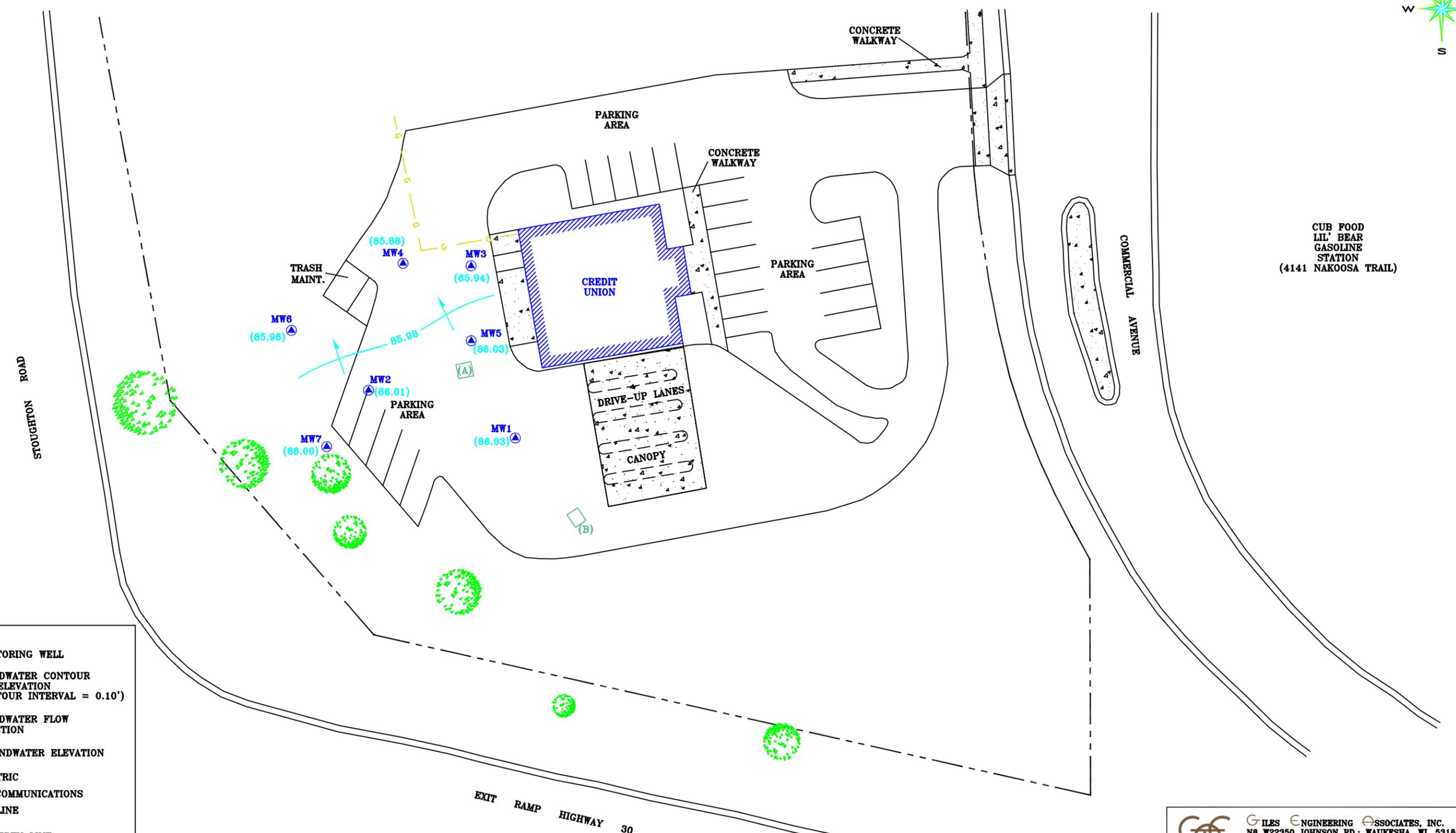
**GILES ENGINEERING ASSOCIATES, INC.**  
N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53186  
(262)-544-0118

**FIGURE 6**  
GROUNDWATER CONTOUR MAP (05/10/02)  
UW CREDIT UNION  
4101 COMMERCIAL AVENUE  
MADISON, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 40'	06/03/03

PROJECT NO.: 5E-0202016      CAD NO.: E20201611

NAKOOSA TRAIL ROAD



CUB FOOD  
LIL' BEAR  
GASOLINE  
STATION  
(4141 NAKOOSA TRAIL)

**LEGEND:**

	MONITORING WELL
	GROUNDWATER CONTOUR AND ELEVATION (CONTOUR INTERVAL = 0.10')
	GROUNDWATER FLOW DIRECTION
	ELECTRIC
	TELECOMMUNICATIONS
	GAS LINE
	PROPERTY LINE
	LIGHT POST
	FORMER UST
	TREE

**TANK KEY:**

	FORMER 1,000 GALLON GASOLINE UST
	FORMER 1,000 GALLON FUEL OIL UST

**NOTE:**  
1) GROUNDWATER ELEVATIONS MEASURED ON 02/25/03

**GILES ENGINEERING ASSOCIATES, INC.**  
N8 W2350 JOHNSON RD.; WAUKESHA, WI, 53186  
(262)-544-0118

**FIGURE 7**  
GROUNDWATER CONTOUR MAP (02/25/03)  
UW CREDIT UNION  
4101 COMMERCIAL AVENUE  
MADISON, WISCONSIN

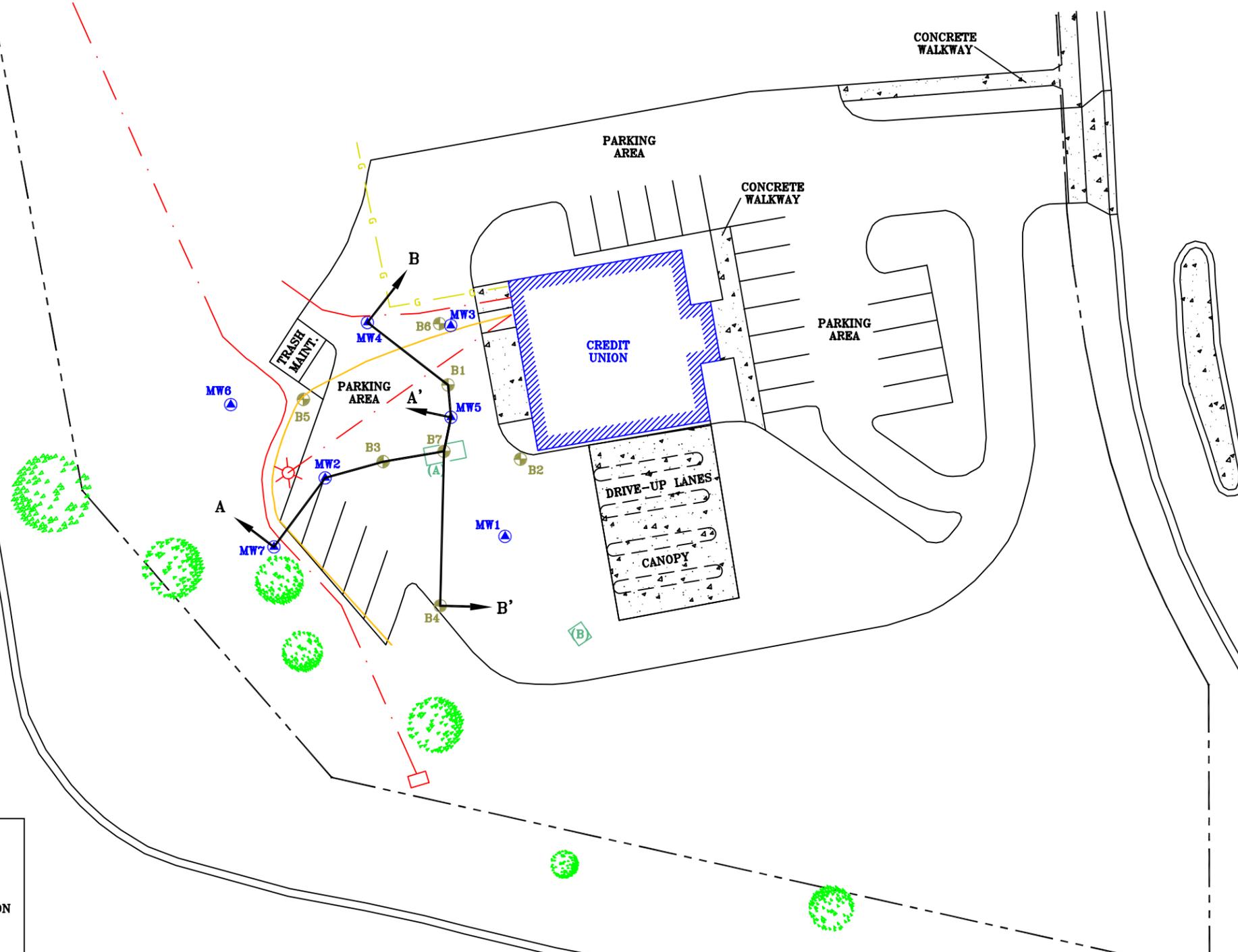
DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 40'	06/03/03

PROJECT NO.: 5E-0202016      CAD NO.: E20201612

NAKOOSA TRAIL ROAD



STOUGHTON ROAD



COMMERCIAL BOULEVARD

EXIT RAMP HIGHWAY 30

**LEGEND:**

- SOIL BORING
- MONITORING WELL
- LINE OF CROSS-SECTION
- ELECTRIC
- TELECOMMUNICATIONS
- GAS LINE
- PROPERTY LINE
- LIGHT POST
- FORMER UST
- TREE

**TANK KEY:**

- (A) FORMER 1,000 GALLON GASOLINE UST
- (B) FORMER 1,000 GALLON FUEL OIL UST

**GILES ENGINEERING ASSOCIATES, INC.**  
 N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53186  
 (262)-544-0118

**FIGURE 3**  
 LINE OF CROSS-SECTION (A-A' AND B-B')  
 UW CREDIT UNION  
 4101 COMMERCIAL AVENUE  
 MADISON, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 40'	06-03-03

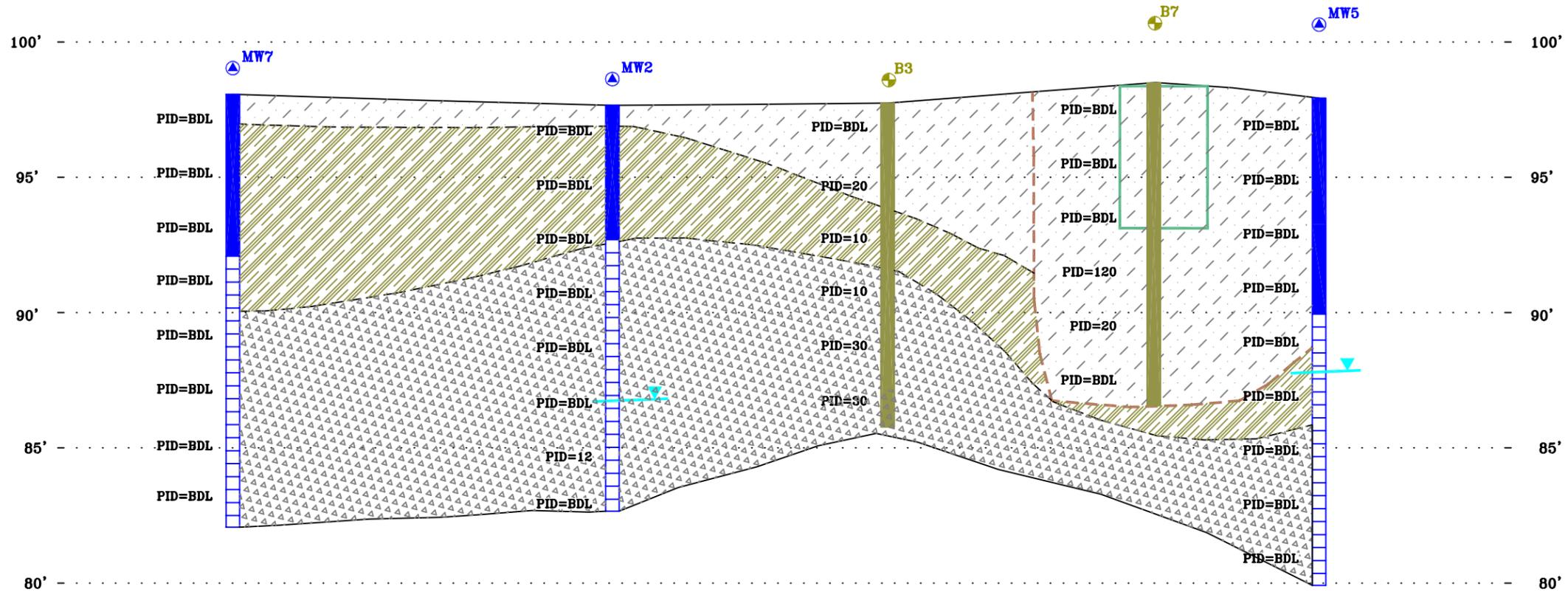
PROJECT NO.: 5E-0202016      CAD NO.: E2020168

# CROSS SECTION A-A'

A  
SOUTHWEST

HORIZONTAL 1" = 10'  
VERTICAL 1" = 5'

A'  
NORTHWEST



ELEVATION (IN FEET REFERENCED TO AN ARBITRARY BENCHMARK)

**LEGEND:**

- B3 SOIL BORING
- MW2 MONITORING WELL
- GROUNDWATER LEVEL (05/10/02)
- WELL SCREEN
- APPROXIMATE EXTENT OF SOIL EXCAVATION
- FORMER 1,000 GALLON GASOLINE UST

**SOIL KEY:**

- FILL
- CLAYEY SILT
- FINE TO COARSE SAND AND GRAVEL

**NOTE:**

- SOIL CONTACTS DASHED WHERE INFERRED
- MONITORING WELL MW7 DID NOT EXIST DURING THE 5/10/02 SAMPLING EVENT
- PID: PHOTOIONIZATION DETECTOR SCREENING RESULTS ARE LOCATED ON LEFT SIDE OF SOIL BORING/MONITORING WELL AT CORRESPONDING DEPTHS
- BDL: BELOW DETECTION LEVEL



GILES ENGINEERING ASSOCIATES, INC.  
N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53186  
(262)-544-0118

FIGURE 4  
CROSS SECTION A-A'  
UW CREDIT UNION  
4101 COMMERCIAL AVENUE  
MILWAUKEE, WISCONSIN

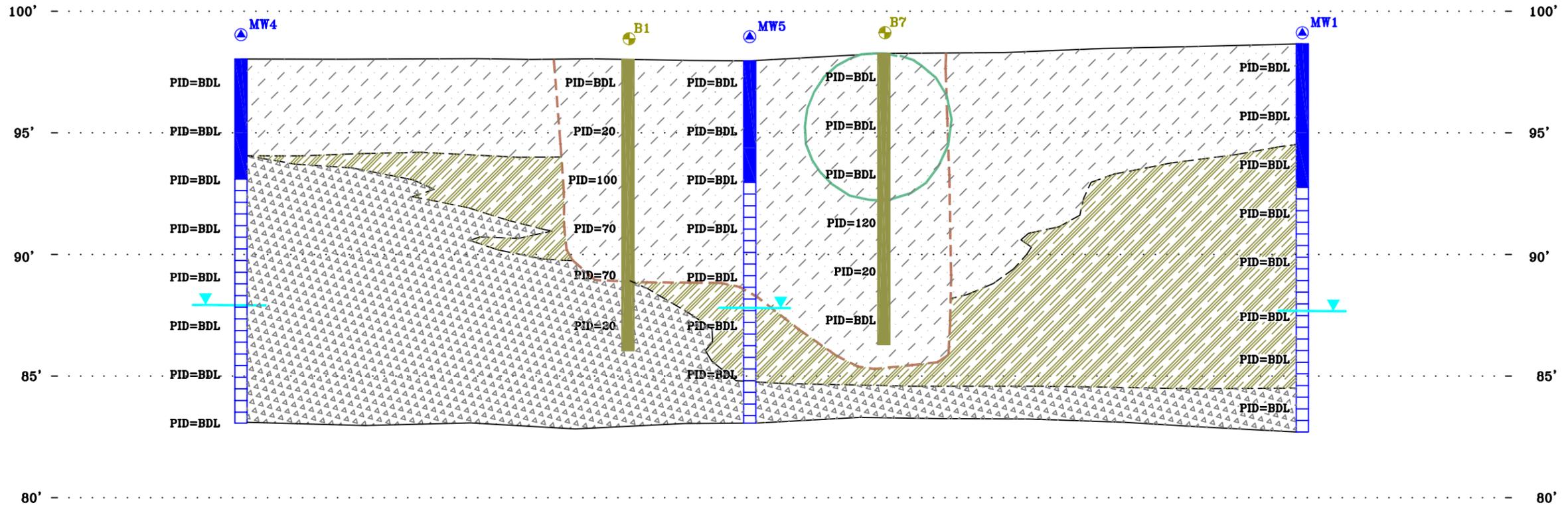
DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 10'	06/06/03
PROJECT NO.: 5E-202016			CAD No. E2020169	

# CROSS SECTION B-B'

HORIZONTAL 1" = 10'  
VERTICAL 1" = 5'

B  
NORTH

B'  
SOUTH



ELEVATION (IN FEET REFERENCED TO AN ARBITRARY BENCHMARK)

**LEGEND:**

- B1 SOIL BORING
- MW1 MONITORING WELL
- GROUNDWATER LEVEL (05/10/02)
- WELL SCREEN
- APPROXIMATE EXTENT OF SOIL EXCAVATION
- FORMER 1,000 GALLON GASOLINE UST

**SOIL KEY:**

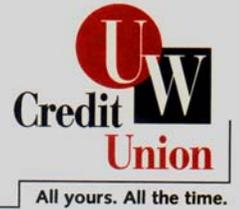
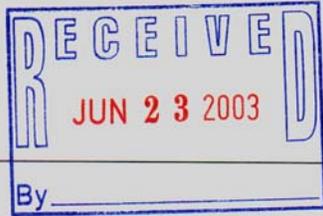
- FILL
- CLAYEY SILT
- FINE TO COARSE SAND AND GRAVEL

**NOTE:**  
SOIL CONTACTS DASHED WHERE INFERRED  
PID: PHOTOIONIZATION DETECTOR SCREENING RESULTS ARE LOCATED ON LEFT SIDE OF SOIL BORING/MONITORING WELL AT CORRESPONDING DEPTHS  
BDL: BELOW DETECTION LEVEL

**GILES ENGINEERING ASSOCIATES, INC.**  
N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53186  
(262)-544-0118

FIGURE 5  
CROSS SECTION B-B'  
UW CREDIT UNION  
4101 COMMERCIAL AVENUE  
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 10'	06/03/03
PROJECT NO.: 5E-202016			CAD No. E20201610	



Maggie R. Hertz, representing the University of Wisconsin Credit Union states that the University of Wisconsin Credit Union is the fee owner of the property formerly known as 701 North Stoughton Road, and is now known as 4101 Commercial Avenue in the City of Madison, Wisconsin, which is legally described in the Warranty Deed Document No. 3242916 recorded on August 17, 2000, which completely and accurately describes the complete parcel of the property which represents the area associated with BRRTS No. 03-13-298236.

University of Wisconsin Credit Union

A handwritten signature in black ink that reads "Maggie Hertz". The signature is written over a horizontal line.

By: Maggie R. Hertz

University of Wisconsin Credit Union

Acting President/CEO

Date: 6-19-03