Complete
6. ~~to~~ to Andy

GIS REGISTRY INFORMATION

SITE NAME: Calyx Building

BRRTS #: 02-68-000825 **FID # (if appropriate):** 268403410

COMMERCE # (if appropriate):

CLOSURE DATE: 10/26/04

STREET ADDRESS: 16745 W. Bluemound Rd.

CITY: Brookfield

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 673047 used CD **Y=** 286571

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [ ] Yes [X] 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 [X] No

IF YES, STREET ADDRESS 1:

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

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

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	✓
Copy of most recent deed, including legal description, for all affected properties	on CD
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	NA
County Parcel ID number, *if used for county*, for all affected properties	on CD
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.	on CD
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.	on CD
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	on CD
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	on CD
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	NA
GW: Table of water level elevations, with sampling dates, and free product noted if present	on CD
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	on CD
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	✓
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	NA
RP certified statement that legal descriptions are complete and accurate	on CD
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~~ ✓

268403410 FIS
02-68-000825 BRRTS

GIS PKT COMPLETE ON pdf FILE on CD

Checklist of Documents for GIS Registry Packet

WI DNR, Bureau for Remediation and Redevelopment, PUB-RR-688

(Include with closure request – please assemble in this order. ***This checklist applies to closure requests for sites with groundwater exceeding ch. NR 140 standards and/or soil contamination exceeding ch. NR 720 generic or site specific residual contaminant levels (RCLs).)***

☑ **One-time fee of $250.00 for groundwater,** and/or
☐ **$200 for soil,** for each case closed, for maintenance of the registry.

✓ ☑ **Copies of the most recent deed** *including legal descriptions, for all properties within or partially within the contaminated site boundaries.* (Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.)

N/A ☐ **A copy of the certified surveyed map or the relevant section of the recorded plat map** *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot2 of xyz subdivision))

✓ ☑ **Parcel identification number for each property,** *if the county in which the property is located uses parcel identification numbers.*

✓ ☑ **Geographic position** of all properties within or partially within the contaminated site boundaries. *The coordinates need to be for a spot located at least 40 feet inside the property boundary. Refer to NR 716.15(2)(d)7, and (k). The coordinates must be in WTM91 projection. See the following WDNR website address for assistance:* www.dnr.state.wi.us/org/at/et/geo/gwur/index.htm .

✓ ☑ **A location map** which outlines all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit the easy location of all parcels. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200 feet of the site. *(If only one parcel, combine with next item.)*

✓ ☑ **A map of all contaminated properties within site boundaries,** showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, and 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 enforcement standards, and/or in relation to the boundaries of soil contamination exceeding generic or site-specific residual contaminant levels as determined under s.. NR 720.09, 720.11 and 720.19.

✓ ☑ **A table of the most recent analytical results, with sample collection dates:** from all monitoring wells, and any potable wells for which samples have been collected **for groundwater**, and/or showing results for all contaminants found in pre-remedial sampling and in the most recent soil sampling event, **for soils** (without shading/crosshatching).

✓ ☑ **An isoconcentration map,** if required as part of the site investigation (SI), of the contaminated properties within the site boundaries. The map should include the areal extent of groundwater contamination exceeding PALs and ESs, groundwater flow directions based on the most recent data, and sample collection dates. **If an isoconcentration map was not required as part of the SI, substitute a map showing the horizontal extent of contamination,** based on the most recent data.

✓ ☑ **A table of the previous 4 water level elevation measurements from all monitoring wells,** at a minimum, with the date measurements were made, is to be included. If present, free product is to be noted on the table. In addition, **a groundwater flow direction map**, representative of groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, 2 groundwater flow maps showing the maximum variation in flow direction are to be submitted

✓ ☑ For sites closing with residual soil contamination, include **a map showing the location of all soil samples and a single contour** showing the horizontal extent of each area of continguous residual soil contamination that exceeds generic or site specific residual contaminant levels.

✓ ☑ **A geologic cross section,** if required as part of the SI, showing vertical extent and location of residual soil contamination exceeding generic or site specific RCLs and residual groundwater contamination, source extent and location; isoconcentrations for all groundwater contaminants that exceed PALs that remain when closure is requested; water table and piezometric elevations, and the location and elevation of geologic units, bedrock, and confining units, if any.

✓ ☑ **A statement signed by the responsible party, which states that he or she believes that the legal descriptions attached to the statement are complete and accurate.** *(The point here is that the legal descriptions are describing the correct (i.e. contaminated) properties.)*

N/A ☐ **A copy of the letters sent by the RP to all owners of properties with groundwater exceeding ESs** (including the current source-property owner, if the RP is not the current source-property owner.) *(Off source properties are listed separately with a link to the source property.)*

N/A ☐ **A copy of all written notifications provided (to City/village/municipality/state agency or other responsible for maintenance) of a public street or highway or railroad right-of-way**, within or partially within the boundaries of the contaminated site, for contamination exceeding groundwater ESs and/or soil exceeding generic or site specific RCLs.

10/1/03
MW

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

Waukesha Service Center
141 NW Barstow St
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

October 26, 2004

Steven Roncke
R.A. Smith & Associates
16745 W. Bluemound Rd., Suite 200
Brookfield, WI 53005-5938

WDNR BRRTS #: 02-68-000825
WDNR FID # 268403410

SUBJECT: Final Case Closure with Conditions Met
Calyx Building, 16745 W. Bluemound Rd., Brookfield, WI 53005

Dear Mr. Roncke:

On September 21, 2004, the Wisconsin Department of Natural Resources (Department) reviewed your site listed above for closure. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On September 22, 2004, you were notified that the Department had granted conditional closure to this case.

On October 13, 2004 the Department received correspondence indicating that you have complied with the conditions of closure which included filing a deed restriction for the above property, and abandonment of monitoring wells. 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 GIS Registry of Closed Remediation Sites for soil and groundwater. 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

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.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 262-574-2146.

Sincerely,

Mark Drews

Mark Drews, P.G., CHMM
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Richard Kormanik, Giles Engineering Associates, N8 W22350 Johnson Dr., Suite A1, Waukesha, WI 53186
SER File

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

Waukesha Service Center
141 NW Barstow St
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

September 22, 2004

Steven Roncke
R. A. Smith & Associates
16745 W. Blue Mound Rd.
Brookfield, WI 53202

WDNR BRRTS # 02-68-000825
WDNR FID # 268403410

Subject: Conditional Case Closure
Calyx Building, 16745 W. Blue Mound Rd., Brookfield, Wisconsin

Dear Mr. Roncke:

On September 21, 2004, your request for closure of the case described above was reviewed by the Department of Natural Resources (Department). The Department 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 Department has determined that the PAH contamination on the site from the foundry sands appears to have been investigated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

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

WASTE AND SOIL PILE REMOVAL

Any remaining waste and/or soil piles generated as part of site investigation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining waste and/or soil piles have been removed once that work is completed.

DEED RESTRICTION FOR CONTAMINATED SOIL

To close this site, the Department requires that a deed restriction be signed and recorded to address the issue of the remaining soil contamination associated with the site. The purpose of the restriction is to maintain a surface barrier over the remaining soil contamination to prevent it from impacting human health and the environment.

If soil from this site is excavated in the future, 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 humans. The purpose of the restriction is to notify all future owners that excavation of the contaminated soil may pose an inhalation or

other direct contact hazard at the time of excavation.

Attorney Judy Ohm from the Department has reviewed the draft deed restriction received by the Department on June 7, 2004. Contact her at 608-266-9972 with any questions or comments. Her comments on the draft deed restriction are as follows:

1. Was the draft document recorded with the Deeds office? If it has, a corrected deed restriction will need to be recorded based on the comments below.
2. Provide a copy of the Certified Survey Map (CSM No. 4615), in order to verify that the legal description and property owner's name are correct.
3. Figure 1 is inadequate in terms of showing the locations on the property of contaminated fill soils, as required as part of the second WHEREAS clause. Figure 1 just shows where the property is located in relation to Waukesha and Wauwatosa. Note that Figure 1 is referenced in multiple paragraphs. A revised Figure 1 is needed to show the locations of the contaminated fill soils on site.
4. The first indented paragraph under the NOW THEREFORE clause needs to be changed as follows:

"The asphalt surfaces and the building foundation that existed on the Property on the date that this restriction was signed form a barrier that must be maintained in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. The asphalt surfaces and the building foundation shall be maintained on the above-described property in the locations shown on the attached map, labeled [Insert reference to attached map] unless another barrier, with an infiltration rate of 10(-7) cm/sec or less, is installed and maintained in their place. The existing structures, and any replacements barrier with an infiltration rate of 10(-7) cm/sec or less, shall be maintained on the above-described property in compliance with the attached "Cap Maintenance Plan", that was submitted to the DNR on June 7, 2004, as required by s. NR 724.13(2), Wis. Adm. Code (1999)."

5. The last line should state that the document was drafted by Giles Engineering Associates, Inc., "based on information provided by DNR."

After the above changes have been made, you should sign it if you own the property, or have the appropriate property owner sign it, and have it recorded by the Waukesha County Register of Deeds. Then you must submit a copy of the recorded document, with the recording information stamped on it, to me. Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

Section NR 726.05(10) requires that the above conditions must be satisfied within 120 days of receipt of this conditional closure letter except for deed restrictions that comply with NR 726.05(8)(b), which must be recorded within 90 days of receipt of this letter. Please submit a letter to let me know that applicable conditions have been met and a final close out letter will be sent to you.

After the Department has issued a final closure letter, your site will be listed on the DNR Remediation and Redevelopment Soil and 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://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm]

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.

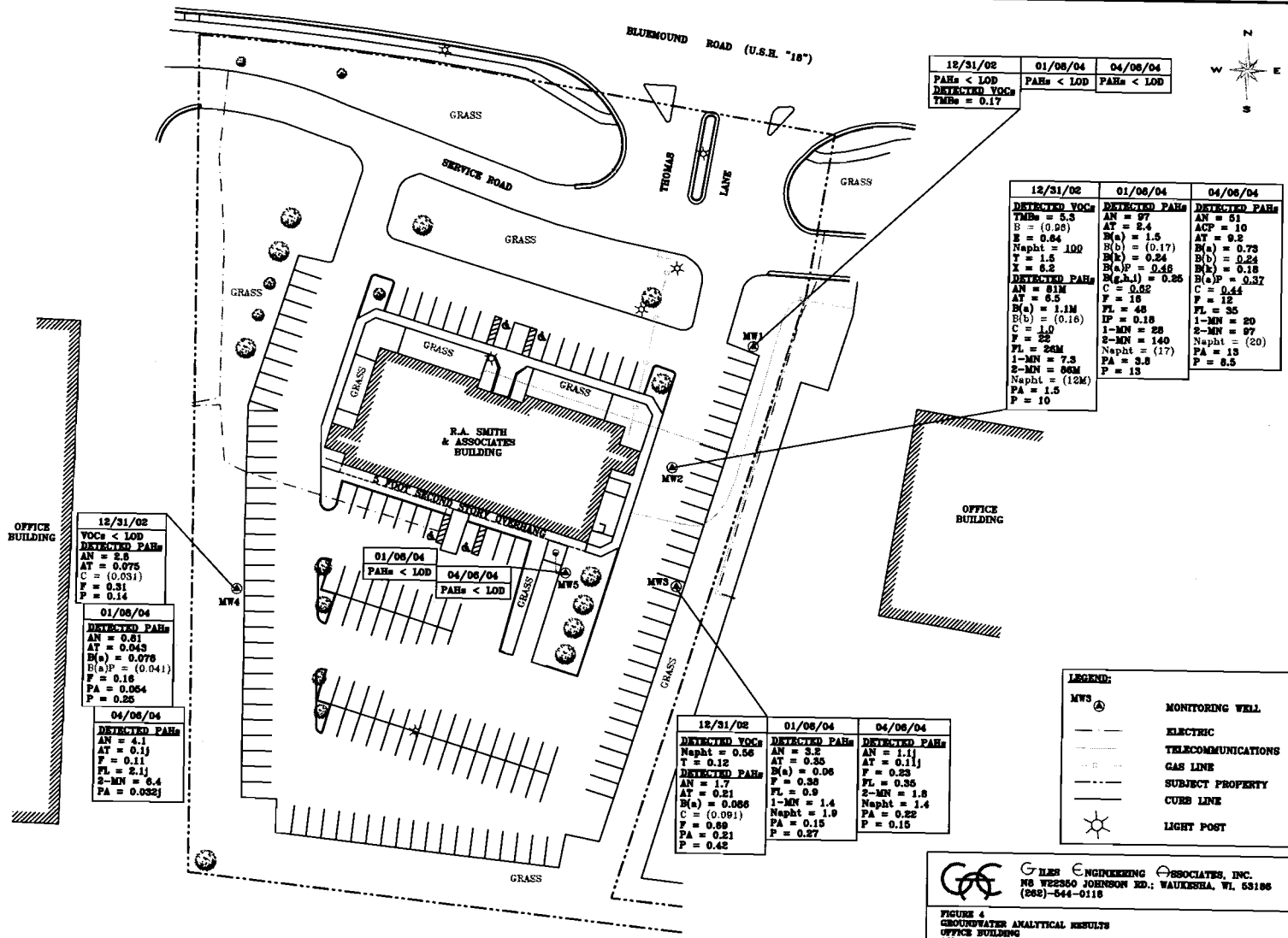
We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 262-574-2146.

Sincerely,

Mark Drews

Mark Drews, P.G., CHMM
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Timothy Welch, Giles Engineering, N8 W22350 Johnson Dr., Suite A1, Waukesha, WI 53186
SER File



12/31/02	01/06/04	04/06/04
PAHs < LOD DETECTED VOCs TMBs = 0.17	PAHs < LOD	PAHs < LOD

12/31/02	01/06/04	04/06/04
DETECTED VOCs TMBs = 5.3 B = (0.98) E = 0.64 Napht = 100 T = 1.5 X = 6.2 DETECTED PAHs AN = 61M AT = 6.5 B(a) = 1.1M B(b) = (0.16) C = 1.0 F = 22 FL = 26M 1-MN = 7.3 2-MN = 56M Napht = (12M) PA = 1.5 P = 10	DETECTED PAHs AN = 97 AT = 2.4 B(a) = 1.5 B(b) = (0.17) B(k) = 0.24 B(a)P = 0.46 B(g,h,i) = 0.25 C = 0.92 F = 18 FL = 48 IP = 0.18 1-MN = 28 2-MN = 140 Napht = (17) PA = 3.8 P = 13	DETECTED PAHs AN = 51 ACP = 10 AT = 9.2 B(a) = 0.73 B(b) = 0.24 B(k) = 0.18 B(a)P = 0.37 C = 0.44 F = 12 FL = 35 1-MN = 20 2-MN = 97 Napht = (20) PA = 13 P = 8.5

12/31/02	01/06/04	04/06/04
VOCs < LOD DETECTED PAHs AN = 2.8 AT = 0.075 C = (0.051) F = 0.31 P = 0.14	PAHs < LOD	PAHs < LOD

01/06/04
DETECTED PAHs AN = 0.81 AT = 0.043 B(a) = 0.076 B(a)P = (0.041) F = 0.16 PA = 0.054 P = 0.25

04/06/04
DETECTED PAHs AN = 4.1 AT = 0.1j F = 0.11 FL = 2.1j 2-MN = 6.4 PA = 0.032j

12/31/02	01/06/04	04/06/04
DETECTED VOCs Napht = 0.56 T = 0.12 DETECTED PAHs AN = 1.7 AT = 0.21 B(a) = 0.086 C = (0.091) F = 0.69 PA = 0.21 P = 0.42	DETECTED PAHs AN = 3.2 AT = 0.35 B(a) = 0.06 F = 0.38 FL = 0.9 1-MN = 1.4 Napht = 1.9 PA = 0.15 P = 0.27	DETECTED PAHs AN = 1.1j AT = 0.11j F = 0.23 FL = 0.35 2-MN = 1.8 Napht = 1.4 PA = 0.22 P = 0.15

CHEMICAL KEY:

- -ACP: ACENAPTHYLENE
- -As: ARSENIC
- -AN: ACENAPHTHENE
- -AT: ANTHRACENE
- -B(a): BENZO (a) ANTHRACENE
- -B(a)F: BENZO (a) FLUORANTHENE
- -B(a)P: BENZO (a) PYRENE
- -B(b): BENZO (b) FLUORANTHENE
- -B(g,h,i): BENZO (g,h,i) PERYLENE
- -B(k): BENZO (k) FLUORANTHENE
- -Ba: BARIUM
- -Cr: CHROMIUM
- -C: CHRYSENE
- -ChlMe: CHLOROMETHANE
- -DCDFM: DICHLORODIFLOROMETHANE
- -diBA: di BENZO (a,h) ANTHRACENE
- -F: FLUORANTHENE
- -FL: FLUORENE
- -IP: INDENO (1,2,3-cd) PYRENE
- -MeCl2: METHYLENE CHLORIDE
- -MN: METHYLNAPHTHALENE
- -Napht: NAPHTHALENE
- -P: PYRENE
- -Pb: LEAD
- -PA: PHENANTHRENE
- -T: TOLUENE
- -TMBs: TRIMETHYLBENZENES (TOTAL)
- -X: XYLENES (TOTAL)

ABBREVIATIONS:

- -BDL: BELOW DETECTION LIMIT
- -LOD: LIMIT OF DETECTION
- -PAH: POLYNUCLEAR AROMATIC HYDROCARBONS
- -PID: PHOTOIONIZATION DETECTOR (FIELD)
- -VOC: VOLATILE ORGANIC COMPOUNDS

NOTES:

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

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

RESULTS INDICATED IN BLUE/PARENTEHSIS EXCEED THE NR 140 PREVENTIVE ACTION LIMITS (PAL)

M: MATRIX INTERFERENCE

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

LEGEND:

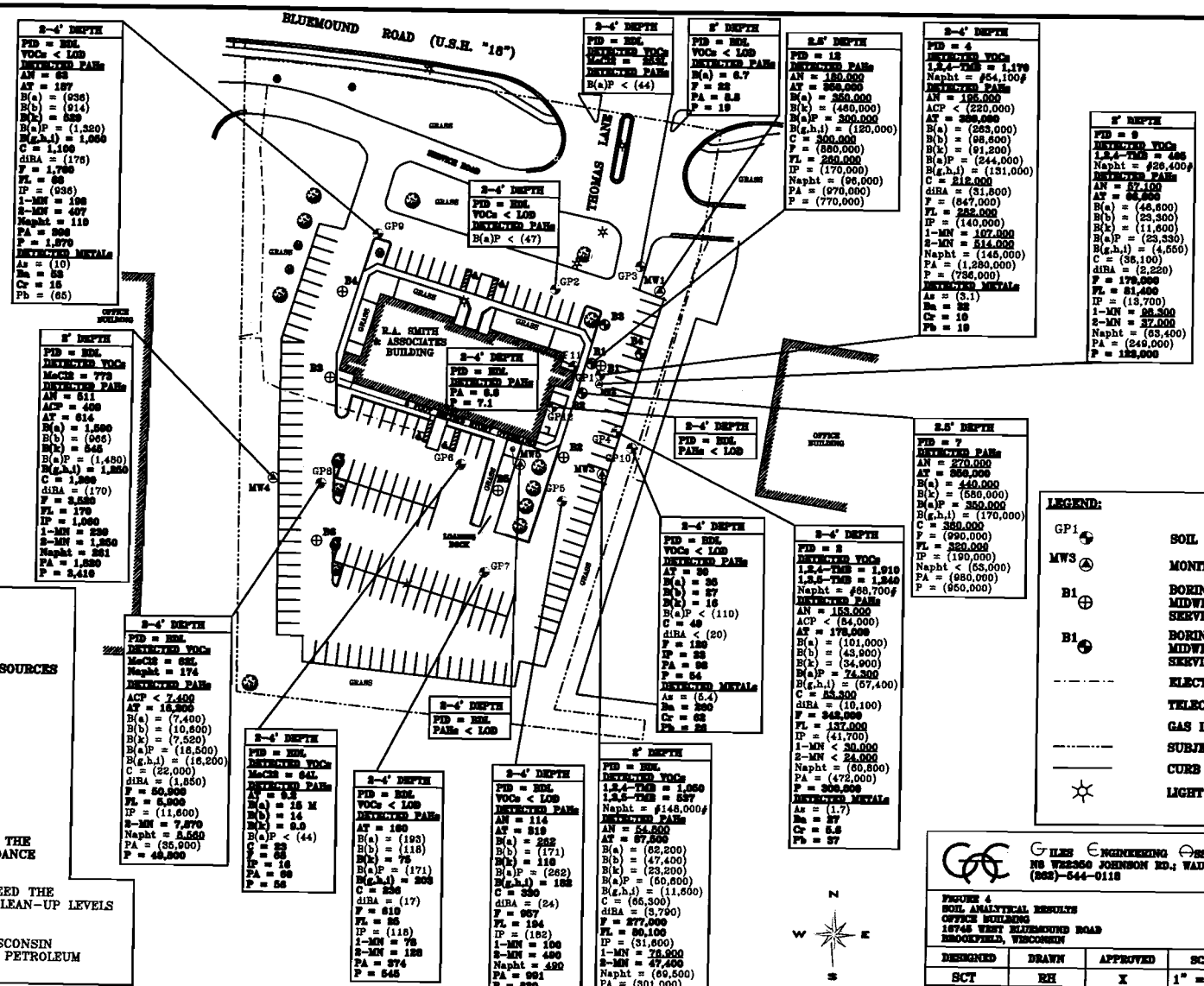
- MW3 — MONITORING WELL
- ELECTRIC
- TELECOMMUNICATIONS
- GAS LINE
- SUBJECT PROPERTY
- CURB LINE
- LIGHT POST

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

FIGURE 4
GROUNDWATER ANALYTICAL RESULTS
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	1" = 60'	REV 4/27/04

PROJECT NO.: 1E-0210033 | CAD NO.: E2100334



CHEMICAL KEY:

- -ACP: ACENAPTHYLENE
- -As: ARSENIC
- -AN: ACENAPHTHENE
- -AT: ANTHRACENE
- -B(a): BENZO (a) ANTHRACENE
- -B(a)F: BENZO (a) FLUORANTHENE
- -B(a)P: BENZO (a) PYRENE
- -B(b): BENZO (b) FLUORANTHENE
- -B(g,h,i): BENZO (g,h,i) PERYLENE
- -B(k): BENZO (k) FLUORANTHENE
- -Ba: BARIUM
- -Cr: CHROMIUM
- -C: CHRYSENE
- -diBA: di BENZO (a,h) ANTHRACENE
- -F: FLUORANTHENE
- -FL: FLUORENE
- -IP: INDENO (1,2,3-cd) PYRENE
- -MeCl2: METHYLENE CHLORIDE
- -MN: METHYLNAPHTHALENE
- -Napht: NAPHTHALENE
- -P: PYRENE
- -Pb: LEAD
- -PA: PHENANTHRENE

ABBREVIATIONS:

- -BDL: BELOW DETECTION LIMIT
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- -PAH: POLYNUCLEAR AROMATIC HYDROCARBONS
- -PID: PHOTOIONIZATION DETECTOR (FIELD)
- -VOC: VOLATILE ORGANIC COMPOUNDS
- -WDNR: WISCONSIN DEPARTMENT OF NATURAL RESOURCES

NOTES:

FIELD PID RESULTS EXPRESSED IN INSTRUMENT UNITS

METALs RESULTS EXPRESSED IN MILLIGRAMS PER KILOGRAM (mg/kg) EQUIVALENT TO PARTS PER MILLION (ppm)

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

RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WDNR PAH GROUNDWATER PATHWAY INTERIM GUIDANCE CLEAN-UP LEVELS [APRIL 1997]

RESULTS INDICATED IN GREEN/PARENTHESIS EXCEED THE WDNR PAH DIRECT CONTACT INTERIM GUIDANCE CLEAN-UP LEVELS [APRIL 1997]

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

LEGEND:

GP1	SOIL BORING
MWS	MONITORING WELL
B1	BORING PERFORMED BY MIDWEST ENGINEERING SERVICES INC (1992)
B1	BORING PERFORMED BY MIDWEST ENGINEERING SERVICES INC (1993)
	ELECTRIC
	TELECOMMUNICATIONS
	GAS LINE
	SUBJECT PROPERTY
	CURB LINE
	LIGHT POST

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

FIGURE 4
SOIL ANALYTICAL RESULTS
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	1" = 100'	01/12/04

PROJECT NO.: 12-0210033 | CAD NO.: E2100333(legal)

DOCUMENT NO. 1800703

STATE BAR OF WISCONSIN FORM 1 - 1982
SPECIAL WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA

1800703

REGISTER'S OFFICE
WAUKESHA COUNTY, WIS } SS
RECORDED

93 JAN -5 AM 11:25

REEL 1626 IMAGE 0346

Register of Deeds

This Deed, made between FIRST FINANCIAL BANK, F.S.B., a federal savings bank,

Grantor, and R.A. SMITH & ASSOCIATES, INC., a Wisconsin corporation

, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration

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

RETURN TO Patrick M. Zabrowski
Foley & Lardner
777 East Wisconsin Avenue
~~Milwaukee, Wisconsin 53202~~

Tax Parcel No: BRC 1115.993.001

Lot 1 of Certified Survey Map No. 4615, recorded October 11, 1984 in Volume 37 of Certified Survey Maps on Pages 78, 79, 80 and 81, as Document No. 1274452, being a part of the NE 1/4 of the SW 1/4 of Section 27, Town 7 North, Range 20 East, City of Brookfield, County of Waukesha, State of Wisconsin.

Tax Key No. BRC 1115.993.001

ADDRESS: 16745 W. Bluemound Road

GK/VG/SMH

TRANSFER
$ 5400.00
FEE

This is not homestead property.
(is) (is not)

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 matters of record, municipal and zoning ordinances, ~~general taxes levied in 1992~~, and rights of tenants in unrecorded leases,

and will warrant and defend the same. against any person or entity lawfully claiming any interest in such property by, through or under Grantor, and no others.
Dated this 23rd day of December, 19 92

(SEAL) FIRST FINANCIAL BANK, F.S.B. (SEAL)
By: David G. Krill, Senior Vice President

(SEAL) (SEAL)
Attest: Daniel W. Connell, Vice President

AUTHENTICATION
Signature(s) of

authenticated this day of , 19

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
John M. Wirth, Esq.
Mallery & Zimmerman, S.C.
250 East Wisconsin Avenue, Suite 1050
~~Milwaukee, Wisconsin 53202~~

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

ACKNOWLEDGEMENT

STATE OF WISCONSIN
MILWAUKEE County. } ss.

Personally came before me this 23rd day of December, 19 92 the above named David G. Krill, Senior Vice President, and Daniel W. Connell, Vice President

to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

John M. Wirth
Notary Public Milwaukee County, Wis.
My Commission is permanent. ~~(If not, state expiration date:~~
, 19

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

A.L.T.A. COMMITMENT
CHICAGO TITLE INSURANCE COMPANY
SCHEDULE A

Prepared for:
R. A. SMITH & ASSOCIATES, INC.
16745 W. BLUEMOUND RD
BROOKFIELD, WISCONSIN 53005-5938
RICK SMITH

Copies to: See Schedule B -II

Commitment No: 1081709 / JAP

Effective Date August 25, 1998 **at** 7:00 A.M.

1. Policy or Policies to be issued:

ALTA OWNER'S POLICY (10-17-92) **Amount** $0.00
Proposed Insured:
NONE

ALTA LOAN POLICY (10-17-92) **Amount** [redacted]
Proposed Insured:
FIRST FINANCIAL BANK, its successors and/or assigns

2. Title to the fee simple estate or interest in the land described or referred to in this Commitment is at the effective date hereof of record in:
R.A. SMITH & ASSOCIATES, INC., a Wisconsin Corporation

3. The land referred to in the Commitment is described as follows:
Lot 1 of Certified Survey Map No. 4615, recorded October 11, 1984 in Volume 37 of Certified Survey Maps on Pages 78, 79, 80 and 81, as Document No. 1274452, being a part of the NE 1/4 of the SW 1/4 of Section 27, Town 7 North, Range 20 East, City of Brookfield, County of Waukesha, State of Wisconsin.

Tax Key No. BRC 1115.993.001

ADDRESS: 16745 W. Bluemound Road

DIRECT INQUIRIES TO: COMMERCIAL DEPARTMENT 796-3856

Property Tax Listing - Register of Deeds/Treasurer - County Data Warehouse - version 1.05

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2003 REAL PROPERTY TAX LISTING

Effective Date: 7/1/2003

View: Previous Year

Tax Key BR C1115993001

Address 16745 W BLUEMOUND RD

Legal Description: PT SW1/4 SEC 27 T7N R20E LOT 1 CSM 4615 VOL 37 PG 78-81 2.876 ACRES 125,279 SQ FT

Description

Assessment Year:	2003	**Active for Assessment Year:**	No
First Roll Year:		**Retired Roll Year:**	
Assessed With Others:	No	**Referral:**	No
Burial Site:	No		

Listed To:

R A SMITH & ASSOCIATES INC
16745 W BLUEMOUND RD
BROOKFIELD, WI 53005

Assessment Information

Assessed By:	LOCAL	**Assessment Type:**	FULL
Approved Value Year:	2003	**Board of Review Date:**	6/24/2003
Assessment Ratio:	95.82%	**Assessment Ratio Year:**	2002

Property Values:

Property Class	Acres	Land	Improvement	Total
MERCANTILE	2.88	$751,700.00	$1,804,800.00	$2,556,500.00
Total:	2.88	$751,700.00	$1,804,800.00	$2,556,500.00

Districts:

District Type	District Name	DOR Code
CITY	BROOKFIELD	206
TCDB	WAUKESHA TECH COLLEGE DIST	08

County Web Site 40

This program accesses data from databases maintained by several County Departments and Local Municipalities. There may be inconsistence in data depending on the date the information was gathered or the purpose for which it is maintained. Due to variances in sources and update cycles, there is no guarantee as to the accuracy of the data. For questions regarding tax listing, contact the County Register of Deed's Office at (262)548-7589 . For questions regarding County Tax Bills, contact the County Treasurer's Office at (262)548-7029 .

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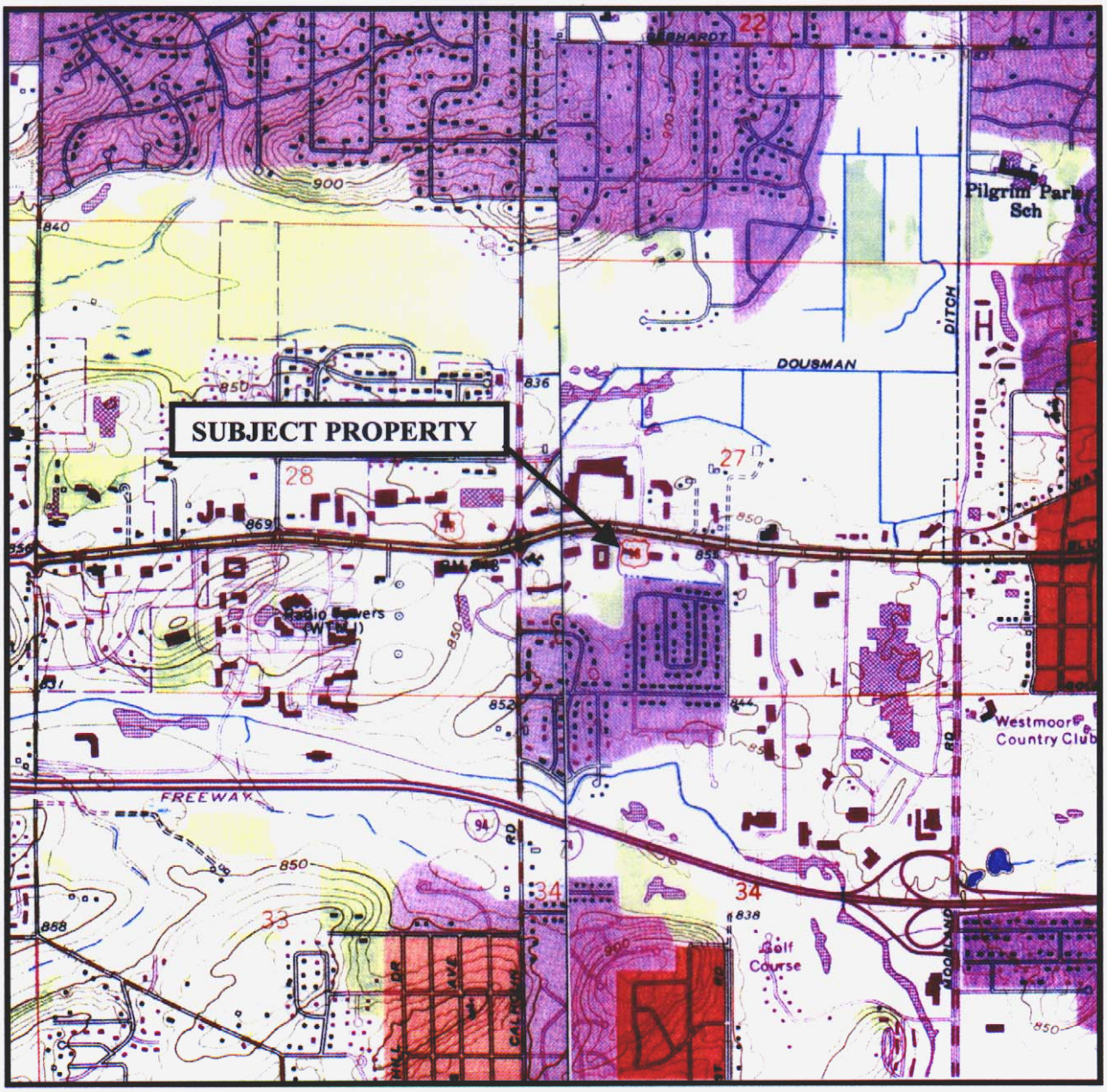


Source: USGS Waukesha, Wisconsin (1959, photorevised 1994), and Wauwatosa Wisconsin (1958, revised 1994), 7.5 Minute Series (topographic) Quadrangle Maps

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

FIGURE 1
SUBJECT PROPERTY LOCATION

Office Building
16745 West Bluemound Road
Brookfield, Wisconsin
Project No. 1E-0210033

GILES
ENGINEERING ASSOCIATES, INC.

TABLE 1
Groundwater Elevation and Survey Data

Office Building
16745 West Bluemound Road
Brookfield, Wisconsin
Project No. 1E-0210033

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 Measure-ment	Depth from PVC	Elevation
MW1	840.28	840.60	14.76	825.52	10.00	825.84	835.84	12/31/02	7.32	832.96
								2/27/03	7.39	832.89
								12/16/03	7.29	832.99
								1/8/04	7.24	833.04
								4/6/04	6.61	833.67
MW2	840.51	840.72	10.12	830.39	5.00	830.60	835.60	12/31/02	2.32	838.19
								2/27/03	4.09	836.42
								12/16/03	1.32	839.19
								1/8/04	2.54	837.97
								4/6/04	1.55	838.96
MW3	839.32	839.90	9.29	830.03	5.00	830.61	835.61	12/31/02	2.81	836.51
								2/27/03	4.21	835.11
								12/16/03	2.29	837.03
								1/8/04	2.99	836.33
								4/6/04	1.62	837.70
MW4	838.45	838.89	13.80	824.65	10.00	825.09	835.09	12/31/02	6.22	832.23
								2/27/03	6.41	832.04
								12/16/03	6.02	832.43
								1/8/04	6.13	832.32
								4/6/04	5.68	832.77
MW5	837.88	838.15	13.80	824.08	10.00	824.35	834.35	1/8/04	3.05	834.83
								4/6/04	1.90	835.98

Note: all units expressed in feet
Benchmark: Benchmark was tied in to the mean sea level elevation of 851.50 feet by National Survey & Engineering

TABLE 2

SOIL LABORATORY ANALYTICAL RESULTS
(VOC & RCRA Metals)

Office Building
16745 West Bluemound Road
Milwaukee, Wisconsin
Project No. 1E-0210033

Analytes		SAMPLING LOCATIONS														NR Generic RCL 720 Soil Standards	NR 746.06 Table 1 (Product Indicator)	NR 746.06 Table 2 (Direct Contact)
		GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	MW-1	MW-2	MW-3	MW-4			
Date Sampled		10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	12/23/02	12/23/02	12/23/02	12/23/02			
Sample Depth (feet)		2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2	2	2	2			
PID (Instrument units)		4	BDL	BDL	2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9	BDL	BDL			
Detected VOCs (ug/kg)	1,2,4-Trimethylbenzene	1,170	<29	<28	1,910	<28	<27	<27	<29	<28	<68	<39	465	1050	<32	NS	83,000	NS
	1,3,5-Trimethylbenzene	<530	<29	<29	1,240	<28	<27	<27	<29	<28	<68	<39	<264	537	<32	NS	11,000	NS
	Methylene Chloride	<1,060	<58	253 L	<1,130	<57	64 L	<53	62 L	<55	<140	<78	<529	<1050	773	NS	NS	NS
	Naphthalene	**#54,100#**	<29	<28	**#68,700#**	<28	<27	<27	174	<28	<68	<39	**#26400#**	**#148000#**	<32	NS	2,700	NS
Detected RCRA Metals (mg/kg)	Arsenic	**3.1**	NA	NA	**1.7**	NA	NA	NA	NA	**10**	**5.4**	NA	NA	NA	NA	0.039	NS	NS
	Barium	32	NA	NA	27	NA	NA	NA	NA	53	260	NA	NA	NA	NA	NS	NS	NS
	Cadmium	<1.1	NA	NA	<1.1	NA	NA	NA	NA	<1.1	<2.7	NA	NA	NA	NA	8	NS	NS
	Chromium	10	NA	NA	5.6	NA	NA	NA	NA	15	62	NA	NA	NA	NA	16,000	NS	NS
	Lead	19	NA	NA	37	NA	NA	NA	NA	**65**	26	NA	NA	NA	NA	50	NS	NS
	Mercury	<0.11	NA	NA	<0.11	NA	NA	NA	NA	<0.11	<0.27	NA	NA	NA	NA	NS	NS	NS
	Selenium	<2.1	NA	NA	<2.3	NA	NA	NA	NA	<2.2	<5.4	NA	NA	NA	NA	NS	NS	NS
	Silver	<1.1	NA	NA	<1.1	NA	NA	NA	NA	<1.1	<2.7	NA	NA	NA	NA	NS	NS	NS

Notes:

PID: Photoionization Detector
BDL: Below Detection Limit
WAC: Wisconsin Administrative Code
mg/kg: Milligrams per kilograms; equivalent to parts per million (ppm)
ug/kg: Micrograms per kilograms; equivalent to parts per billion (ppb)
NS: No Standard
NR: Natural Resources Chapter of the Wisconsin Administrative Code

RCL: Residual Contaminant Level
NA: Not Analyzed
L: Common Lab solvent and contaminant.

Results indicated in red/underline exceed the WAC NR 720.09 Generic RCL based on Groundwater Protection
Results indicated in brown/#.....#, exceed the WAC NR 746-Table 1 Residual Petroleum Product in Soil Pores Soil Screening Levels
Results indicated in green/parenthesis exceed the WAC NR 746-Table 2 Direct Contact Soil Contaminant Concentration

TABLE 2

SOIL ANALYTICAL RESULTS
(PAHs)

Office Building
16745 West Bluemound Road
Milwaukee, Wisconsin
Project No. 1E-0210033

Analytes		SAMPLING LOCATIONS																			NR Generic RCL 720 Interim Soil Standards (Groundwater Pathway)	NR Generic RCL 720 Interim Soil Standards (Direct Contact Non-industrial Pathway)
		B-1*	B-2*	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12	MW-1	MW-2	MW-3	MW-4	MW-5		
Date Sampled		4/29/93	4/29/93	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	10/24/02	12/24/03	12/24/03	12/23/02	12/23/02	12/23/02	12/23/02	12/24/03		
Sample Depth (feet)		2 1/2	2 1/2	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2	2	2	2	2-4		
PID (Instrument units)		12	7	4	BDL	BDL	2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9	BDL	BDL	BDL		
Detected Polynuclear Aromatic Hydrocarbons (PAHs) (ug/kg)	Acenaphthene	180,000	270,000	195,000	<58	<55	153,000	114	<55	<53	<4,400	63	<140	<63	<64	<65	57,100	54,800	511	<55	38,000	900,000
	Acenaphthylene	NA	NA	(<220,000)	<99	<94	(<84,000)	<97	<93	<91	<7,400	<94	<230	<110	<110	<110	<18,000	<18,000	409	<93	700	18,000
	Anthracene	350,000	350,000	389,000	<5.8	<5.5	178,000	319	9.2	160	16,200	187	30	<6.3	<6.4	<6.5	66,600	87,500	614	<5.5	3,000,000	5,000,000
	Benzo (a) anthracene	350,000	440,000	(263,000)	<5.8	<5.5	(101,000)	262	15 M	(193)	(17,400)	(936)	35	<6.3	<6.4	6.7	(48,600)	(82,200)	1,590	<5.5	17,000	88
	Benzo (b) fluoranthene	NA	NA	(98,600)	<5.8	<5.5	(43,900)	(171)	14	(118)	(10,600)	(914)	27	<6.3	<6.4	<6.5	(23,300)	(47,400)	(966)	<5.5	360,000	88
	Benzo (k) fluoranthene	(460,000)	(580,000)	(91,200)	<5.8	<5.5	(34,900)	110	9	75	(7,520)	529	16	<6.3	<6.4	<6.5	(11,600)	(23,200)	545	<5.5	870,000	880
	Benzo (a) pyrene	300,000	350,000	244,000	(<47)	(<44)	74,300	(262)	(<44)	(171)	(18,500)	(1,320)	(<110)	<6.3	<6.4	<6.5	(23,330)	(50,600)	(1,480)	<5.5	48,000	8.8
	Benzo (ghi) perylene	(120,000)	(170,000)	(131,000)	<47	<44	(57,400)	182	<44	203	(16,200)	1,050	<14	<6.3	<6.4	<6.5	(4,550)	(11,600)	1,250	<5.5	6,800,000	1,800
	Chrysene	300,000	360,000	212,000	<5.8	<5.5	83,300	330	23	236	(22,000)	1,100	49	<6.3	<6.4	<6.5	(38,100)	(65,300)	1,360	<5.5	37,000	8,800
	Dibenzo (a,h) anthracene	NA	NA	(31,800)	<8.8	<8.3	(10,100)	(24)	<8.2	(17)	(1,850)	(176)	(<20)	<9.5	<9.5	<9.7	(2,220)	(3,790)	(170)	<8.2	38,000	8.8
	Fluoranthrene	(880,000)	(990,000)	(847,000)	<12	<11	342,000	957	68	610	50,900	1,760	120	<13	<13	22	179,000	277,000	3,520	<11	500,000	600,000
	Fluorene	260,000	320,000	282,000	<12	<11	137,000	194	<11	25	5,900	68	<27	<13	<13	<13	81,400	80,100	170	<11	100,000	600,000
	Indeno (1,2,3-cd) pyrene	(170,000)	(190,000)	(140,000)	<5.8	<5.5	(41,700)	(182)	16	(118)	(11,600)	(936)	33	<6.3	<6.4	<6.5	(13,700)	(31,600)	(1,060)	<5.5	680,000	88
	1-methyl Naphthalene	NA	NA	107,000	<35	<33	<30,000	100	<33	78	<2,600	198	<82	<38	<38	<39	98,300	76,900	239	<33	23,000	1,100,000
	2-methyl Naphthalene	NA	NA	514,000	<29	<28	<24,000	490	<27	128	7,870	407	<68	<32	<32	<32	37,000	47,400	1,250	<27	20,000	600,000
	Naphthalene	(96,000)	(<53,000)	(145,000)	<35	<33	(60,800)	490	<33	<32	8,560	110	<82	<38	<38	<39	(63,400)	(69,500)	261	<33	400	20,000
	Phenanthrene	(970,000)	(980,000)	(1,280,000)	<5.8	<5.5	(472,000)	991	60	374	(35,900)	396	98	6.6	<6.4	8.8	(249,000)	(301,000)	1,820	<5.5	1,800	18,000
	Pyrene	(770,000)	(950,000)	(736,000)	<5.8	<5.5	300,000	820	56	545	49,800	1,870	54	7.1	<6.4	19	123,000	217,000	3,410	<5.5	8,700,000	500,000

Notes:

PID: Photoionization Detector
BDL: Below Detection Limit
*** :** Soil boring performed by Midwest Engineering (1993)
ug/kg: Micrograms per kilograms; equivalent to parts per billion (ppb)
NS: No Standard
NR: Wisconsin Administrative Code Natural Resources Chapter
RCL: Residual Contaminant Level

M: Laboratory Matrix Interference
NA: Not Analyzed
Results in green/parenthesis exceed the WDNR PAH Direct Contact Interim Guidance Clean-up Levels [April 1997]
Results in red/underlined, exceed WDNR PAH Groundwater Pathway Interim Guidance Clean-up Levels [April 1997]

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
TEMPORARY GEOPROBE WELLS

Office Building
16745 West Bluemound Road
Brookfield, Wisconsin
Project No. 1E-0210033

Analytes		NR 140 Preventive Action Limit (PAL)	NR 140 Enforcement Standard (ES)	SAMPLING LOCATIONS		
				GP-1	GP-4	GP-6
Date Sampled				10/24/02	10/24/02	10/24/02
Detected Volatile Organic Compounds (VOCs) (ug/l)	Trimethylbenzenes	96	480	1.25	3.5	<0.10
	Benzene	0.5	5	<0.10	**(1.2)**	<0.10
	Chloromethane	0.3	3	<0.25	**(<1.2)**	<0.25
	Dichlorodifloromethane	200	1,000	0.57	<1.2	<0.25
	Methylene Chloride	5	1	<0.25	**9.2 L**	<0.25
	Naphthalene	8	40	**(28)**	**190**	1
	Toluene	200	1,000	0.22	1.4	0.21
	Total Xylenes	1,000	10,000	1	4.8	<0.25
Detected Polynuclear Aromatic Hydrocarbons (PAHs) (ug/l)	Acenaphthene	NS	NS	38	41	<0.48
	Acenaphthylene	NS	NS	<0.23	<0.24	<0.22
	Anthracene	600	3,000	22	26	<0.087
	Benzo (a) anthracene	NS	NS	10	11	<0.15
	Benzo (b) fluoranthene	0.02	0.20	**5.7**	**5.9**	<0.044
	Benzo (k) fluoranthene	NS	NS	4.0	4.4	<0.027
	Benzo (a) pyrene	0.02	0.20	**9.7**	**10**	<0.015
	Benzo (ghi) perylene	NS	NS	6.9	9.8	<0.17
	Chrysene	0.02	0.20	**15**	**18**	<0.035
	Dibenzo (a,h) anthracene	NS	NS	0.95	1.1	<0.083
	Fluoranthrene	80	400	39	44	<0.13
	Fluorene	80	400	37	41	<0.16
	Indeno (1,2,3-cd) pyrene	NS	NS	6.7	7.2	<0.034
	1-methyl Naphthalene	NS	NS	11	12	<0.57
	2-methyl Naphthalene	NS	NS	99	110	<0.54
	Naphthalene	8	40	**20**	**(123)**	<0.63
	Phenanthrene	NS	NS	79	81	<0.022
	Pyrene	50	250	33	35	<0.014

NOTES:

NR: Wisconsin Administrative Code Natural Resources Chapter
NS: No Standard
ug/L: Micrograms per liter; equivalent to parts per billion (ppb)
j: Concentration measured between the laboratory detection limit and the quantitation limit
L: Common Lab solvent and contaminant. Constituent also measured within blank.
Results in red/underline exceed the NR 140 Enforcement Standard (ES)
Results in blue/paranthesis exceed the NR 140 preventive action limit (PAL)

TABLE 3
GROUNDWATER ANALYTICAL RESULTS

Office Building
16745 West Bluemound Road
Brookfield, Wisconsin
Project No. 1E-0210033

Analytes		WAC NR 140.10 PAL	WAC NR 140.10 ES	SAMPLING LOCATIONS													
				MW-1			MW-2			MW-3			MW-4			MW-5	
Date Sampled				12/31/02	01/08/04	04/06/04	12/31/02	01/08/04	04/06/04	12/31/02	01/08/04	04/06/04	12/31/02	01/08/04	04/06/04	01/08/04	04/06/04
Detected Volatile Organic Compounds (VOCs) (ug/l)	Trimethylbenzenes	96	480	0.17	NA	NA	5.3	NA	NA	<0.10	NA	NA	<0.10	NA	NA	NA	NA
	Benzene	0.5	5	<0.10	NA	NA	**(0.96)**	NA	NA	<0.10	NA	NA	<0.10	NA	NA	NA	NA
	Ethylbenzene	140	700	<0.25	NA	NA	0.64	NA	NA	<0.25	NA	NA	<0.25	NA	NA	NA	NA
	Naphthalene	8	40	<0.25	NA	NA	**100**	NA	NA	0.56	NA	NA	<0.25	NA	NA	NA	NA
	Toluene	200	1,000	<0.10	NA	NA	1.5	NA	NA	0.12	NA	NA	<0.10	NA	NA	NA	NA
	Total Xylenes	1,000	10,000	<0.25	NA	NA	6.2	NA	NA	<0.25	NA	NA	<0.25	NA	NA	NA	NA
Detected Polynuclear Aromatic Hydrocarbons (PAHs) (ug/l)	Acenaphthene	NS	NS	<0.41	<1.5	<0.64	81 M	97	51	1.7	3.2	1.1j	2.8	0.81	4.1	<0.59	<0.61
	Acenaphthylene	NS	NS	<0.65	<0.64	<0.28	<0.64	<0.26	10	<0.64	<0.26	<0.27	<0.64	<0.26	<0.27	<0.25	<0.26
	Anthracene	600	3,000	<0.031	<0.087	<0.038	6.5	2.4	9.2	0.21	0.35	0.11j	0.075	0.043	0.1j	<0.034	<0.036
	Benzo (a) anthracene	NS	NS	<0.034	<0.14	<0.062	1.1 M	1.5	0.73	0.086	0.06	<0.060	<0.033	0.078	<0.060	<0.057	<0.059
	Benzo (b) fluoranthene	0.02	0.20	<0.057	<0.14	<0.059	**(0.16)**	**(0.17)**	**0.24**	<0.056	<0.054	<0.057	<0.056	<0.054	<0.057	<0.054	<0.056
	Benzo (k) fluoranthene	NS	NS	<0.051	<0.12	<0.050	<0.050	0.24	0.18	<0.050	<0.046	<0.049	<0.050	<0.046	<0.049	<0.045	<0.047
	Benzo (a) pyrene	0.02	0.20	<0.023	<0.084	<0.037	<0.023	**0.46**	**0.37**	<0.023	<0.034	<0.036	<0.023	**(0.041)**	<0.036	<0.033	<0.035
	Benzo (ghi) perylene	NS	NS	<0.11	<0.25	<0.11	<0.11	0.25	<0.096	<0.11	<0.098	<0.10	<0.11	<0.098	<0.10	<0.097	<0.10
	Chrysene	0.02	0.20	<0.30	<0.13	<0.054	**1.0**	**0.62**	**0.44**	**(0.091)**	<0.050	<0.053	**(0.031)**	<0.050	<0.053	<0.049	<0.051
	Dibenzo (a,h) anthracene	NS	NS	<0.051	<0.16	<0.071	<0.050	<0.066	<0.064	<0.050	<0.065	<0.069	<0.050	<0.065	<0.069	<0.065	<0.067
	Fluoranthrene	80	400	<0.079	<0.061	<0.027	22	16	12	0.69	0.38	0.23	0.31	0.16	0.11	<0.024	<0.025
	Fluorene	80	400	<0.080	<0.16	<0.071	26 M	48	35	<0.078	0.9	0.35	<0.078	<0.065	2.1j	<0.065	<0.067
	Indeno (1,2,3-cd) pyrene	NS	NS	<0.040	<0.079	<0.034	<0.039	0.18	<0.031	<0.039	<0.032	<0.033	<0.039	<0.032	<0.033	<0.031	<0.033
	1-methyl Naphthalene	NS	NS	<0.52	<1.1	<0.49	7.3	28	20	<0.51	1.4	<0.48	<0.51	<0.45	<0.48	<0.44	<0.46
	2-methyl Naphthalene	NS	NS	<0.98	<0.77	<0.33	86 M	140	97	<0.96	<5.2 M	1.8	<0.96	<0.31	6.4	<0.30	<0.32
	Naphthalene	8	40	<0.39	<0.67	<0.29	**12 M**	**(17)**	**(20)**	<0.38	1.9	1.4	<0.38	<0.27	<0.28	<0.26	<0.27
	Phenanthrene	NS	NS	<0.080	<0.051	<0.022	1.5	3.8	13	0.21	0.15	0.22	<0.078	0.054	0.032j	<0.020	<0.021
	Pyrene	50	250	<0.062	<0.10	<0.044	10	13	8.5	0.42	0.27	0.15	0.14	0.25	<0.043	<0.040	<0.042

NOTES:

NR: Natural Resources Chapter
WAC: Wisconsin Administrative Code
NS: No Established Standard
NA: Not Analyzed
ES: Enforcement Standard

PAL: Preventive Action Limit
ug/L: Micrograms per liter; equivalent to parts per billion (ppb)
M: Matrix Interference
Results in red/underline exceed the WAC NR 140.10 ES
Results in blue/parenthesis exceed the WAC NR 140.10 PAL

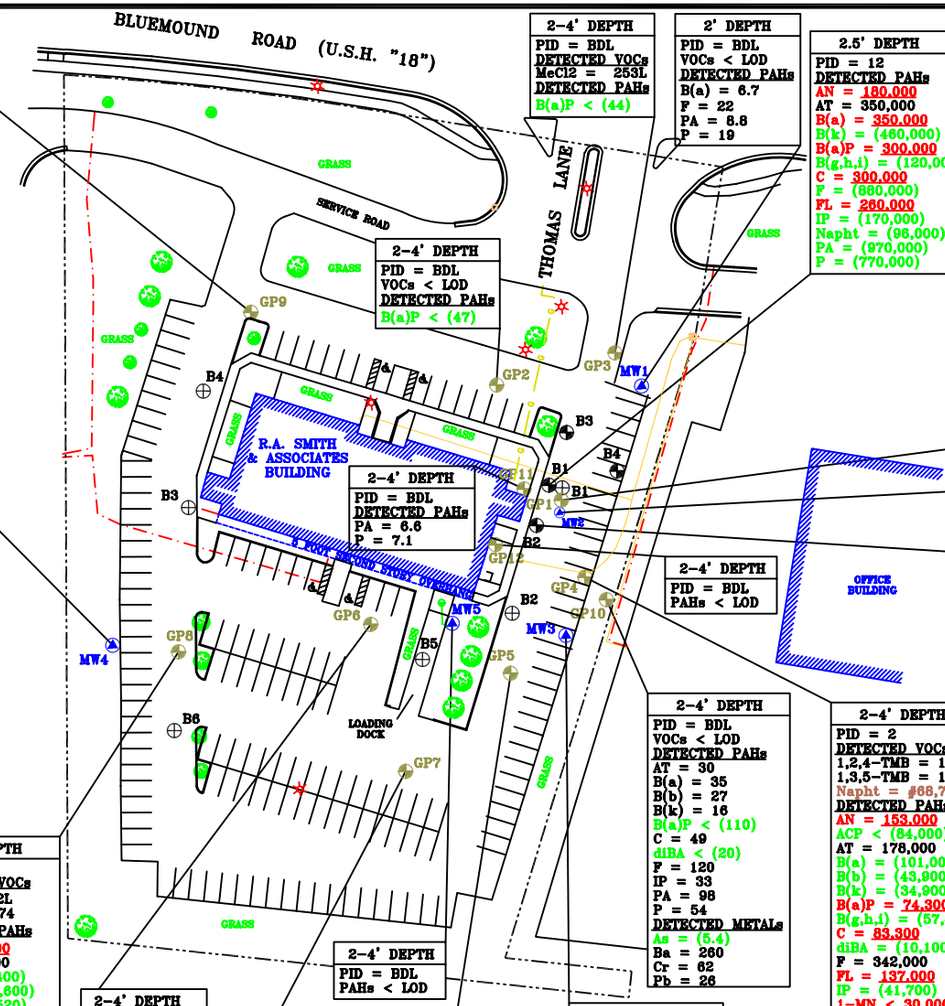
NOTE:
BASE MAP DERIVED FROM NATIONAL SURVEYING & ENGINEERING TOPOGRAPHIC MAP DATED MARCH 19,1999

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

FIGURE 2
SITE FEATURES, SOIL BORING AND MONITORING WELL LOCATION PLAN
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	1" = 60'	01/12/04

PROJECT NO.: 1E-0210033 | CAD NO.: E2100332



2-4' DEPTH
PID = BDL
VOCs < LOD
DETECTED PAHs
AN = 63
AT = 187
B(a) = (936)
B(b) = (914)
B(k) = 529
B(a)P = (1,320)
B(g,h,i) = 1,050
C = 1,100
diBA = (176)
F = 1,760
FL = 88
IP = (936)
1-MN = 198
2-MN = 407
Napht = 110
PA = 396
P = 1,870
DETECTED METALs
As = (10)
Ba = 53
Cr = 15
Pb = (65)

2-4' DEPTH
PID = BDL
DETECTED VOCs
MeCl2 = 253L
DETECTED PAHs
B(a)P < (44)

2' DEPTH
PID = BDL
VOCs < LOD
DETECTED PAHs
B(a) = 6.7
F = 22
PA = 8.8
P = 19

2.5' DEPTH
PID = 12
DETECTED PAHs
AN = 180,000
AT = 350,000
B(a) = 350,000
B(k) = (460,000)
B(a)P = 300,000
B(g,h,i) = (120,000)
C = 300,000
F = (880,000)
FL = 260,000
IP = (170,000)
Napht = (96,000)
PA = (970,000)
P = (770,000)

2-4' DEPTH
PID = 4
DETECTED VOCs
1,2,4-TMB = 1,170
Napht = #54,100#
DETECTED PAHs
AN = 195,000
ACP < (220,000)
AT = 389,000
B(a) = (263,000)
B(b) = (98,600)
B(k) = (91,200)
B(a)P = (244,000)
B(g,h,i) = (131,000)
C = 212,000
diBA = (31,800)
F = (847,000)
FL = 282,000
IP = (140,000)
1-MN = 107,000
2-MN = 514,000
Napht = (145,000)
PA = (1,280,000)
P = (736,000)
DETECTED METALs
As = (3.1)
Ba = 32
Cr = 10
Pb = 19

2' DEPTH
PID = 9
DETECTED VOCs
1,2,4-TMB = 465
Napht = #26,400#
DETECTED PAHs
AN = 57,100
AT = 66,600
B(a) = (48,600)
B(b) = (23,300)
B(k) = (11,600)
B(a)P = (23,330)
B(g,h,i) = (4,550)
C = (38,100)
diBA = (2,220)
F = 179,000
FL = 81,400
IP = (13,700)
1-MN = 98,300
2-MN = 37,000
Napht = (63,400)
PA = (249,000)
P = 123,000

2-4' DEPTH
PID = BDL
VOCs < LOD
DETECTED PAHs
B(a)P < (47)

2' DEPTH
PID = BDL
DETECTED VOCs
MeCl2 = 773
DETECTED PAHs
AN = 511
ACP = 409
AT = 614
B(a) = 1,590
B(b) = (966)
B(k) = 545
B(a)P = (1,480)
B(g,h,i) = 1,250
C = 1,360
diBA = (170)
F = 3,520
FL = 170
IP = 1,060
1-MN = 239
2-MN = 1,250
Napht = 261
PA = 1,820
P = 3,410

2-4' DEPTH
PID = BDL
DETECTED PAHs
PA = 6.6
P = 7.1

2-4' DEPTH
PID = BDL
PAHs < LOD

2.5' DEPTH
PID = 7
DETECTED PAHs
AN = 270,000
AT = 350,000
B(a) = 440,000
B(k) = (580,000)
B(a)P = 350,000
B(g,h,i) = (170,000)
C = 360,000
F = (990,000)
FL = 320,000
IP = (190,000)
Napht < (53,000)
PA = (980,000)
P = (950,000)

2-4' DEPTH
PID = BDL
VOCs < LOD
DETECTED PAHs
AT = 30
B(a) = 35
B(b) = 27
B(k) = 16
B(a)P < (110)
C = 49
diBA < (20)
F = 120
IP = 33
PA = 98
P = 54
DETECTED METALs
As = (5.4)
Ba = 260
Cr = 62
Pb = 26

2-4' DEPTH
PID = 2
DETECTED VOCs
1,2,4-TMB = 1,910
1,3,5-TMB = 1,240
Napht = #68,700#
DETECTED PAHs
AN = 153,000
ACP < (84,000)
AT = 178,000
B(a) = (101,000)
B(b) = (43,900)
B(k) = (34,900)
B(a)P = 74,300
B(g,h,i) = (57,400)
C = 83,300
diBA = (10,100)
F = 342,000
FL = 137,000
IP = (41,700)
1-MN < 30,000
2-MN < 24,000
Napht = (60,800)
PA = (472,000)
P = 300,000
DETECTED METALs
As = (1.7)
Ba = 27
Cr = 5.6
Pb = 37

2-4' DEPTH
PID = BDL
DETECTED VOCs
MeCl2 = 62L
Napht = 174
DETECTED PAHs
ACP < 7,400
AT = 16,200
B(a) = (7,400)
B(b) = (10,600)
B(k) = (7,520)
B(a)P = (18,500)
B(g,h,i) = (16,200)
C = (22,000)
diBA = (1,850)
F = 50,900
FL = 5,900
IP = (11,600)
2-MN = 7,870
Napht = 8,560
PA = (35,900)
P = 49,800

2-4' DEPTH
PID = BDL
DETECTED VOCs
MeCl2 = 64L
DETECTED PAHs
AT = 9.2
B(a) = 15 M
B(b) = 14
B(k) = 9.0
B(a)P < (44)
C = 23
F = 68
IP = 16
PA = 60
P = 56

2-4' DEPTH
PID = BDL
PAHs < LOD

2-4' DEPTH
PID = BDL
VOCs < LOD
DETECTED PAHs
AT = 160
B(a) = (193)
B(b) = (118)
B(k) = 75
B(a)P = (171)
B(g,h,i) = 203
C = 236
diBA = (17)
F = 610
FL = 25
IP = (118)
1-MN = 78
2-MN = 128
PA = 374
P = 545

2-4' DEPTH
PID = BDL
VOCs < LOD
DETECTED PAHs
AN = 114
AT = 319
B(a) = 262
B(b) = (171)
B(k) = 110
B(a)P = (262)
B(g,h,i) = 182
C = 330
diBA = (24)
F = 957
FL = 194
IP = (182)
1-MN = 100
2-MN = 490
Napht = 490
PA = 991
P = 820

2' DEPTH
PID = BDL
DETECTED VOCs
1,2,4-TMB = 1,050
1,3,5-TMB = 537
Napht = #148,000#
DETECTED PAHs
AN = 54,800
AT = 87,500
B(a) = (82,200)
B(b) = (47,400)
B(k) = (23,200)
B(a)P = (50,600)
B(g,h,i) = (11,600)
C = (65,300)
diBA = (3,790)
F = 277,000
FL = 80,100
IP = (31,600)
1-MN = 76,900
2-MN = 47,400
Napht = (69,500)
PA = (301,000)
P = 217,000

CHEMICAL KEY:

- -ACP: ACENAPTHYLENE
- -As: ARSENIC
- -AN: ACENAPHTHENE
- -AT: ANTHRACENE
- -B(a): BENZO (a) ANTHRACENE
- -B(a)F: BENZO (a) FLUORANTHENE
- -B(a)P: BENZO (a) PYRENE
- -B(b): BENZO (b) FLUORANTHENE
- -B(g,h,i): BENZO (g,h,i) PERYLENE
- -B(k): BENZO (k) FLUORANTHENE
- -Ba: BARIUM
- -Cr: CHROMIUM
- -C: CHRYSENE
- -diBA: di BENZO (a,h) ANTHRACENE
- -F: FLUORANTHENE
- -FL: FLUORENE
- -IP: INDENO (1,2,3-cd) PYRENE
- -MeCl2: METHYLENE CHLORIDE
- -MN: METHYLNAPHTHALENE
- -Napht: NAPHTHALENE
- -P: PYRENE
- -Pb: LEAD
- -PA: PHENANTHRENE

ABBREVIATIONS:

- -BDL: BELOW DETECTION LIMIT
- -LOD: LIMIT OF DETECTION
- -PAH: POLYNUCLEAR AROMATIC HYDROCARBONS
- -PID: PHOTOIONIZATION DETECTOR (FIELD)
- -VOC: VOLATILE ORGANIC COMPOUNDS
- -WDNR: WISCONSIN DEPARTMENT OF NATURAL RESOURCES

NOTES:

FIELD PID RESULTS EXPRESSED IN INSTRUMENT UNITS

METALs RESULTS EXPRESSED IN MILLIGRAMS PER KILOGRAM (mg/kg) EQUIVALENT TO PARTS PER MILLION (ppm)

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

RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WDNR PAH GROUNDWATER PATHWAY INTERIM GUIDANCE CLEAN-UP LEVELS [APRIL 1997]

RESULTS INDICATED IN GREEN/PARENTHESIS EXCEED THE WDNR PAH DIRECT CONTACT INTERIM GUIDANCE CLEAN-UP LEVELS [APRIL 1997]

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

LEGEND:

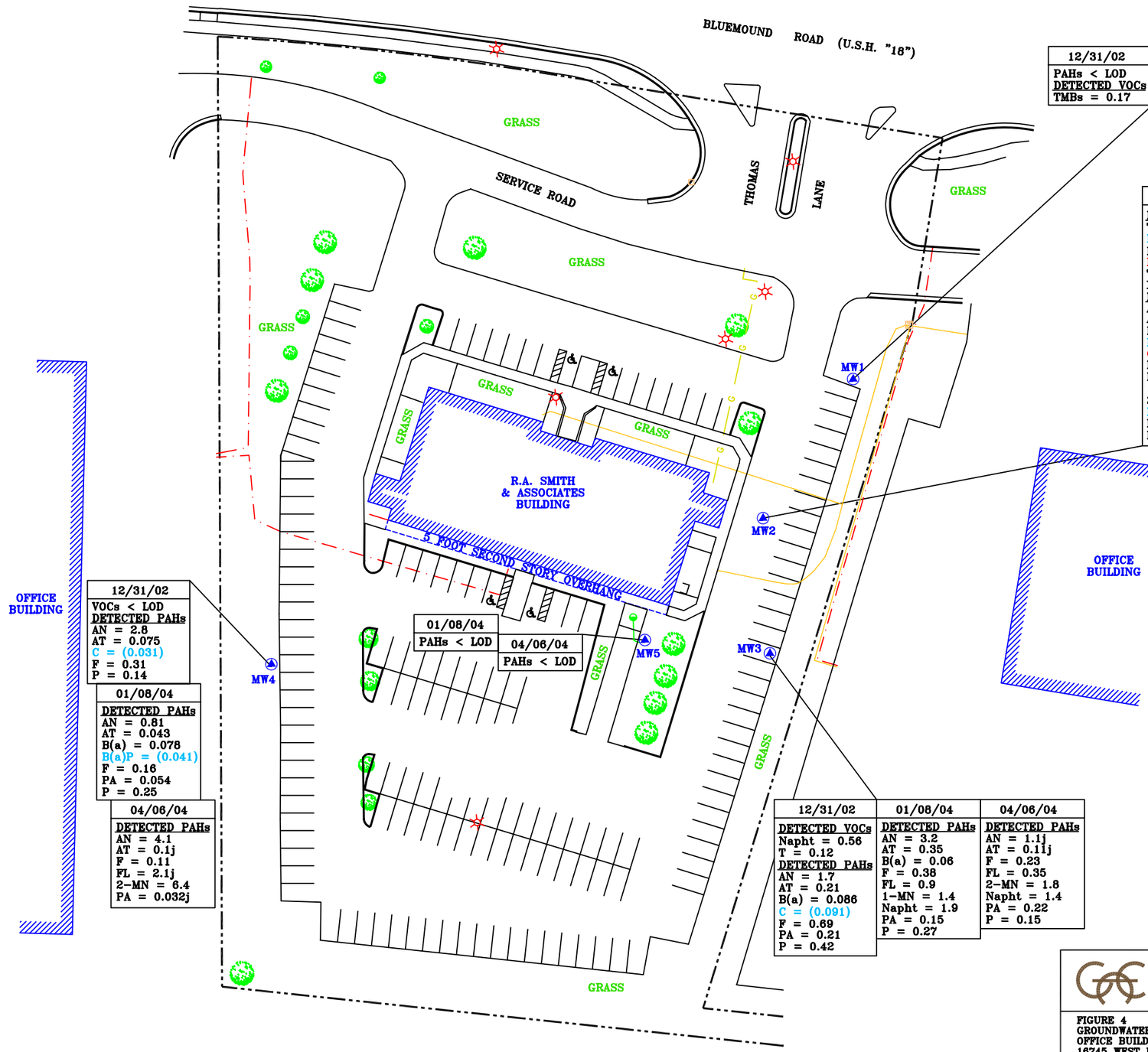
- GP1 — SOIL BORING
- MW3 — MONITORING WELL
- B1 — BORING PERFORMED BY MIDWEST ENGINEERING SERVICES INC (1992)
- B1 — BORING PERFORMED BY MIDWEST ENGINEERING SERVICES INC (1993)
- ELECTRIC
- TELECOMMUNICATIONS
- GAS LINE
- SUBJECT PROPERTY
- CURB LINE
- LIGHT POST

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

FIGURE 3
SOIL ANALYTICAL RESULTS
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	1" = 100'	01/12/04

PROJECT NO.: 1E-0210033 | CAD NO.: E2100333(legal)



12/31/02	01/08/04	04/06/04
PAHs < LOD DETECTED VOCs TMBs = 0.17	PAHs < LOD	PAHs < LOD

12/31/02	01/08/04	04/06/04
DETECTED VOCs TMBs = 5.3 B = (0.96) E = 0.64 Napht = 100 T = 1.5 X = 6.2 DETECTED PAHs AN = 81M AT = 6.5 B(a) = 1.1M B(b) = (0.16) C = 1.0 F = 22 FL = 26M 1-MN = 7.3 2-MN = 86M Napht = (12M) PA = 1.5 P = 10	DETECTED PAHs AN = 97 AT = 2.4 B(a) = 1.5 B(b) = (0.17) B(k) = 0.24 B(a)P = 0.46 B(g,h,i) = 0.25 C = 0.62 F = 16 FL = 48 IP = 0.18 1-MN = 28 2-MN = 140 Napht = (17) PA = 3.8 P = 13	DETECTED PAHs AN = 51 ACP = 10 AT = 9.2 B(a) = 0.73 B(b) = 0.24 B(k) = 0.18 B(a)P = 0.37 C = 0.44 F = 12 FL = 35 1-MN = 20 2-MN = 97 Napht = (20) PA = 13 P = 8.5

12/31/02	01/08/04	04/06/04
VOCs < LOD DETECTED PAHs AN = 2.8 AT = 0.075 C = (0.031) F = 0.31 P = 0.14	DETECTED PAHs AN = 0.81 AT = 0.043 B(a) = 0.078 B(a)P = (0.041) F = 0.16 PA = 0.054 P = 0.25	DETECTED PAHs AN = 4.1 AT = 0.1j F = 0.11 FL = 2.1j 2-MN = 6.4 PA = 0.032j

01/08/04	04/06/04
PAHs < LOD	PAHs < LOD

12/31/02	01/08/04	04/06/04
DETECTED VOCs Napht = 0.56 T = 0.12 DETECTED PAHs AN = 1.7 AT = 0.21 B(a) = 0.086 C = (0.091) F = 0.69 PA = 0.21 P = 0.42	DETECTED PAHs AN = 3.2 AT = 0.35 B(a) = 0.06 F = 0.38 FL = 0.9 1-MN = 1.4 Napht = 1.9 PA = 0.15 P = 0.27	DETECTED PAHs AN = 1.1j AT = 0.11j F = 0.23 FL = 0.35 2-MN = 1.8 Napht = 1.4 PA = 0.22 P = 0.15

CHEMICAL KEY:

- -ACP: ACENAPTHYLENE
- -As: ARSENIC
- -AN: ACENAPHTHENE
- -AT: ANTHRACENE
- -B(a): BENZO (a) ANTHRACENE
- -B(a)F: BENZO (a) FLUORANTHENE
- -B(a)P: BENZO (a) PYRENE
- -B(b): BENZO (b) FLUORANTHENE
- -B(g,h,i): BENZO (g,h,i) PERYLENE
- -B(k): BENZO (k) FLUORANTHENE
- -Ba: BARIUM
- -Cr: CHROMIUM
- -C: CHRYSENE
- -ChlMe: CHLOROMETHANE
- -DCDFM: DICHLORODIFLOROMETHANE
- -diBA: di BENZO (a,h) ANTHRACENE
- -F: FLUORANTHENE
- -FL: FLUORENE
- -IP: INDENO (1,2,3-cd) PYRENE
- -MeCl2: METHYLENE CHLORIDE
- -MN: METHYLNAPHTHALENE
- -Napht: NAPHTHALENE
- -P: PYRENE
- -Pb: LEAD
- -PA: PHENANTHRENE
- -T: TOLUENE
- -TMBs: TRIMETHYLBENZENES (TOTAL)
- -X: XYLENES (TOTAL)

ABBREVIATIONS:

- -BDL: BELOW DETECTION LIMIT
- -LOD: LIMIT OF DETECTION
- -PAH: POLYNUCLEAR AROMATIC HYDROCARBONS
- -PID: PHOTOIONIZATION DETECTOR (FIELD)
- -VOC: VOLATILE ORGANIC COMPOUNDS

NOTES:

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

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

RESULTS INDICATED IN BLUE/PARENTEHSIS EXCEED THE NR 140 PREVENTIVE ACTION LIMITS (PAL)

M: MATRIX INTERFERENCE

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

LEGEND:

- MW3 — MONITORING WELL
- ELECTRIC
- TELECOMMUNICATIONS
- G — GAS LINE
- SUBJECT PROPERTY
- CURB LINE
- LIGHT POST

GILES ENGINEERING ASSOCIATES, INC.
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(262)-544-0118

FIGURE 4
GROUNDWATER ANALYTICAL RESULTS
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	1" = 60'	REV 4/27/04

PROJECT NO.: 1E-0210033 | CAD NO.: E2100334

GILES ENGINEERING ASSOCIATES, INC.
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(262)-544-0118

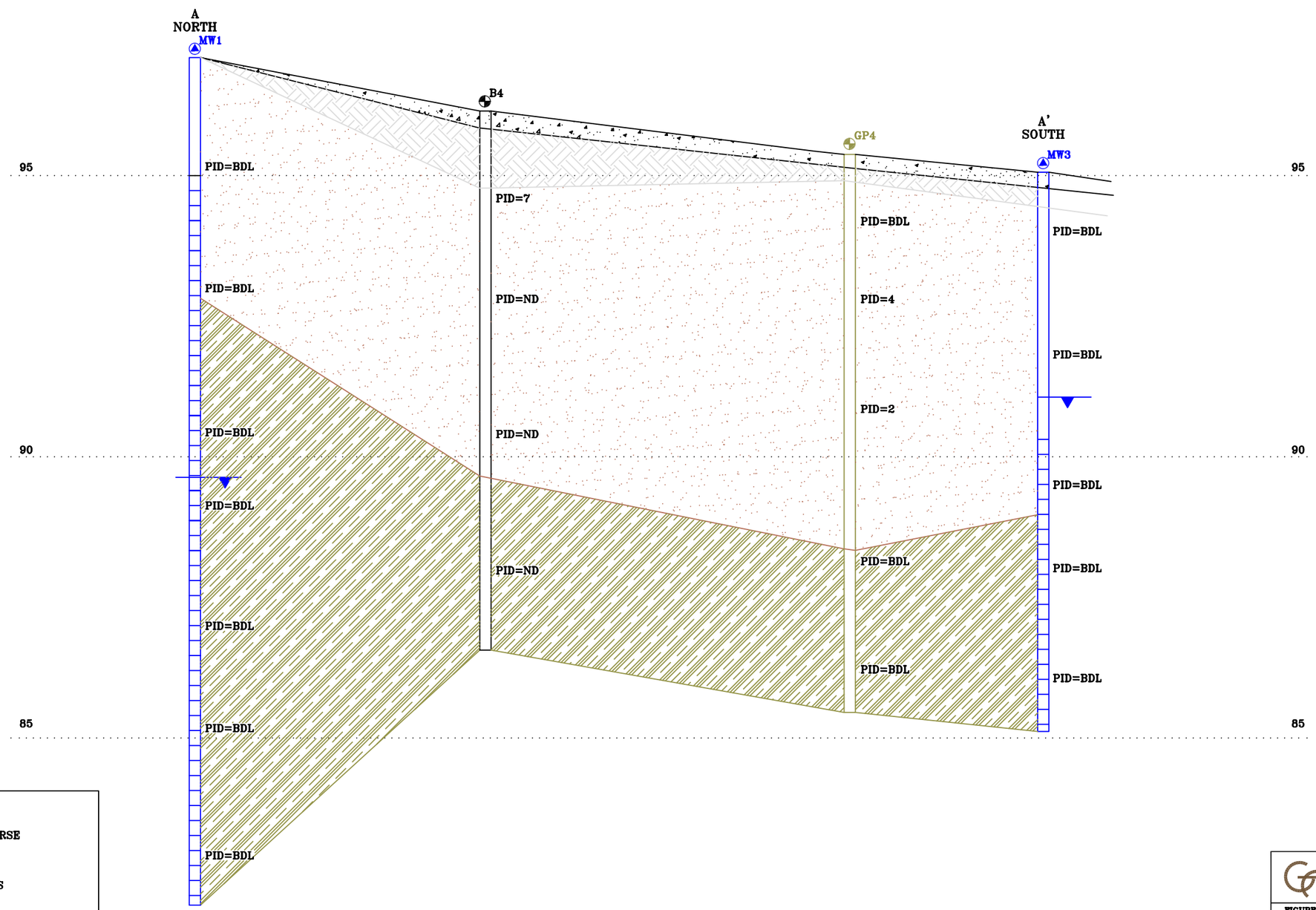
FIGURE 5
CROSS SECTION LOCATION PLAN
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	1" = 60'	01/12/04

PROJECT NO.: 1E-0210033 | CAD NO.: E2100335

CROSS-SECTION A-A'

SCALE: HORIZONTAL: 1" = 20'
VERTICAL: 1" = 2'



SOIL KEY:

- BASE COARSE
- FILL SOILS
- SILTY CLAY/CLAYEY SILT
- ASPHALT

LEGEND:

- GP4 — SOIL BORING
- B4 — SOIL BORING (PERFORMED BY MIDWEST ENGINEERING 1993)
- MW7 — MONITORING WELL
- STATIC WATER LEVEL (02/27/03)
- WELL SCREEN INTERVAL

ABREVIATIONS:

- -BDL: BELOW DETECTION LEVEL
- -PID: PHOTOIONIZATION DETECTOR

GILES ENGINEERING ASSOCIATES, INC.
N8 W22350 JOHNSON RD.; WAUKESHA, WI, 53186
(414)-544-0118

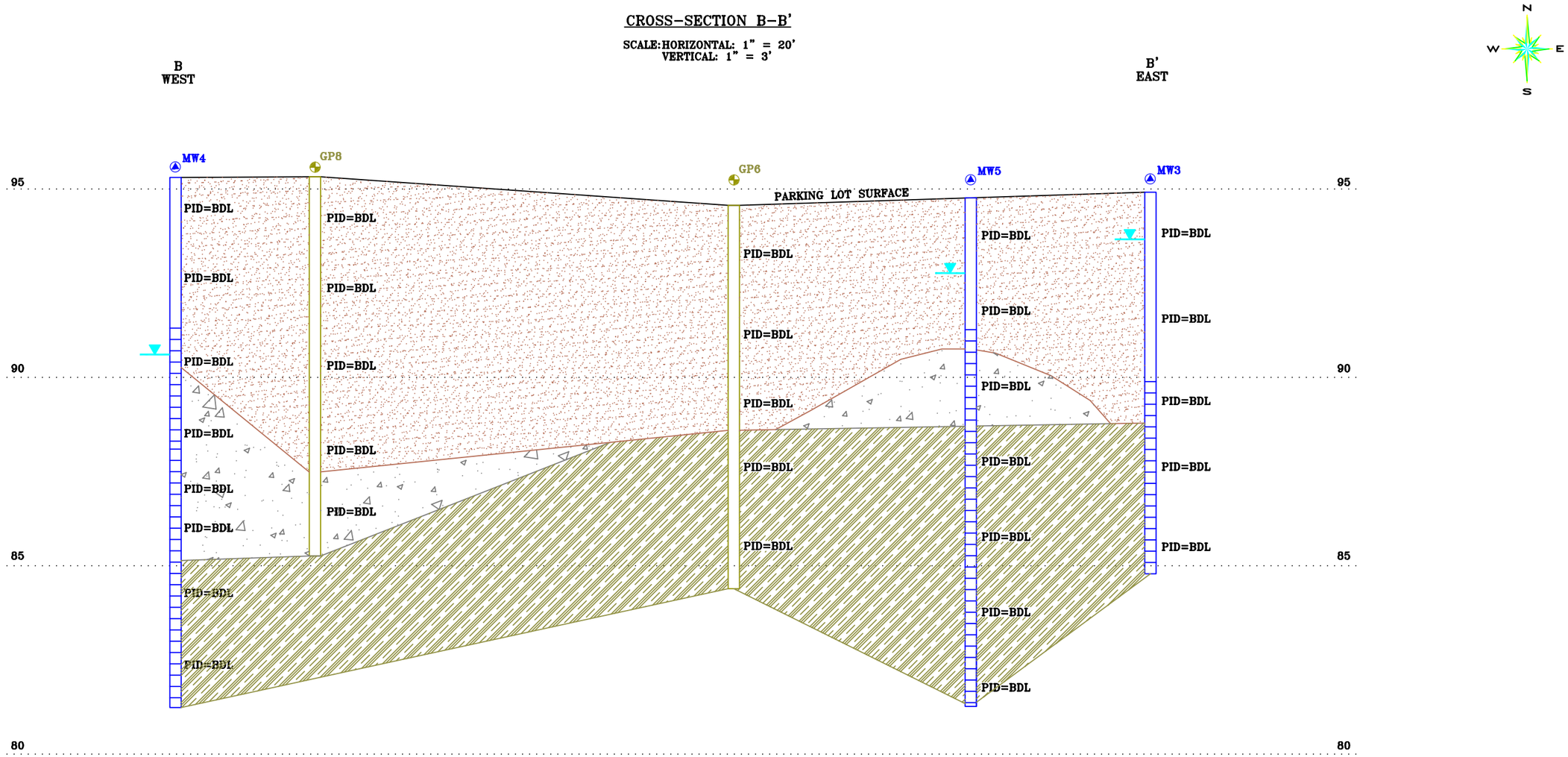
FIGURE 6
CROSS SECTION A-A'
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	SEE NOTES	03/20/03

PROJECT NO.: 1E-0210033 | CAD NO.: E2100337

CROSS-SECTION B-B'

SCALE: HORIZONTAL: 1" = 20'
VERTICAL: 1" = 3'



SOIL KEY:

- BASE COARSE
- FILL SOILS
- SILTY CLAY/CLAYEY SILT
- SAND AND GRAVEL

ABREVIATIONS:

- -BDL: BELOW DETECTION LEVEL
- -PID: PHOTOIONIZATION DETECTOR

LEGEND:

- GP8 — SOIL BORING
- MW7 — MONITORING WELL
- STATIC WATER LEVEL (04/06/04)
- WELL SCREEN INTERVAL

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

FIGURE 7
CROSS SECTION B-B'
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	RH	X	SEE NOTES	05-11-04

PROJECT NO.: 1E-0210033 | CAD NO.: E2100338

NOTE:
BASE MAP DERIVED FROM NATIONAL SURVEYING & ENGINEERING TOPOGRAPHIC MAP DATED MARCH 19,1999

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

FIGURE 8
GROUNDWATER CONTOUR MAP (4/06/04)
OFFICE BUILDING
16745 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
TJB	JSZ	X	1" = 60'	04/27/04

PROJECT NO.: 1E-0210033 | CAD NO.: E210033A

Mr. Steven A. Roncke as Building Manager for R.A Smith & Associates, Inc., states that R.A Smith & Associates, Inc. is the owner of the property which is located at 16745 West Bluemound Road, Brookfield, Wisconsin, and which is legally described in the Warranty Deed recorded as Tax Key No. BRC 1115.993.001, recorded on AUGUST 25, 1998, which completely and accurately describes the complete parcel of the property (BRRTS No. 02-68-000825).

R.A Smith & Associates, Inc.

By: Steven A. Roncke
Steven A. Roncke

Date: 9/15/03