

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

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

July 31, 2000

Mr. Roland Berg
Tower Automotive
North 27th Street
Milwaukee, WI 53216

Subject: Final Closure Letter for the Former Pickle Liquor Ponds, Tower Automotive,
3553 N. 27th Street, Milwaukee, WI FID: 241304360, BRRTS: 02-41-198345.

Dear Mr. Berg:

This letter acknowledges the receipt of the copies of the receipts STS Consultants received when the groundwater use and deed restriction documents were filed with Milwaukee County. The Department understands that copies of these documents will be forward to this office when they are received by STS.

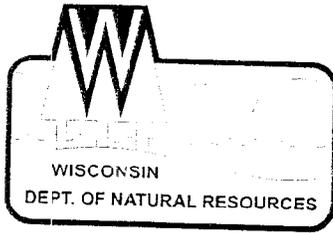
Based on the investigation and remedial documentation provided to the Department, it appears that the above-named site is in compliance with the requirements of Chs. NR 700 to 726, Wis. Admin. Code. Therefore, the Department considers the case closed and tracked as such, having determined that no further action is necessary at the site at this time. However, the case may be reopened pursuant to S. NR 726.09, Wis. Admin. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment.

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment programs assistant (263-8680) at the above address.

Sincerely,

John J. Hnat
Hydrogeologist
Remediation and Redevelopment

C: Jeanne Tarvin, STS Consultants
WDNR SER Files



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

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

February 3, 2000

Mr. Roland Berg
Tower Automotive
North 27th Street
Milwaukee, WI 53216

Subject: Case Closure for the Former Pickle Liquor Ponds, Tower Automotive, 3553 N. 27th St., Milwaukee, WI FID: 241304360, BRRTS: 02-41-198345,

Dear Mr. Berg:

This letter is in response to the letter submittal from STS Consultants for additional information I requested in my letter dated October 6, 1999 for the above-named site. I presented this case to the Department's closure committee on February 2, 2000. The committee has decided that based on the investigation and remedial documentation provided to the Department, it appears that the above-named site is in compliance with the requirements of Chs. NR 700 to 726, Wis. Admin. Code. Therefore, the Department considers the case "conditionally closed" and tracked as such, having determined that no further action is necessary at the site at this time. Since the site is "conditionally closed", the following requirements must be completed before the site can be officially closed and recorded as such on the Department's tracking system:

1. Because of ch. NR 140 public welfare groundwater quality exceedances for iron and sulfate, the Department requires a groundwater use restriction for the property at the county register of deeds office which will satisfy the requirements in s. NR 726.05(2)(b) and s. NR 726.05(8)(am) Wis. Admin. Code. A draft copy of the groundwater use restriction must be sent to this office for review, before forwarding to WDNR legal staff in Madison for final approval. A copy of the final certified groundwater use restriction forwarded to this office at the time of recording at the County Register of Deeds Office.
2. Because of the WDNR approved containment structure and asphalt-concrete engineered cap, a deed restriction under s. NR 726.05(8) based on site characteristics at the time of close out and anticipated future conditions will be required. This should include specific maintenance actions (and frequency, if necessary) to ensure that the remedy will remain effective over time. Use of this deed instrument is appropriate when there is concern that the contaminated soils will be disturbed or excavated in the future such that either a direct contact or threat to groundwater may occur if a deed instrument is not recorded. A draft copy of the deed restriction must be sent to this office for review, before forwarding to WDNR legal staff in Madison for final approval. A copy of the final deed instrument must be forwarded to this office at the time of recording at the County Register of Deeds Office.
3. The responsible party is required to publish a public notice per ch. NR 714.07(5) when an engineered structure/cap is a final remedy for this site.

4. The completion of requirements in s. NR 726.05(8)(c) Wis. Admin. Code, regarding monitoring well abandonment documentation, is received at this office within 60 days.

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to me at the above address.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Hnat", with a long horizontal line extending to the right.

John J. Hnat
Hydrogeologist
Remediation and Redevelopment

C: Jeanne Tarvin, STS Consultants
WDNR SER Files

Document Number **GROUNDWATER USE RESTRICTION**

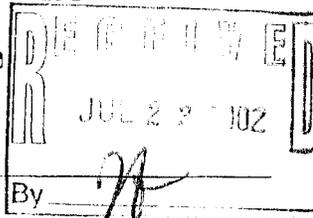
REGISTER'S OFFICE 1 SS
Milwaukee County, WI

RECORDED AT 1:40 PM

07-14-2000

WALTER R. BARCZAK
REGISTER OF DEEDS

AMOUNT 22.00



Roland Berg
Tower Automotive
3533 North 27th Street
Milwaukee, WI 53216

Declaration of Restrictions

In Re: *All that part of the NE 1/4 of Section 12, Township 7 North, Range 21 East in the City of Milwaukee, Milwaukee County, Wisconsin being the North 835 feet of the West 580 feet of the said NE 1/4 Section excepting therefrom the existing building and the North 35th street and West Capitol Drive rights-of-way.*

The property described in the attached Exhibit A (Parcel J, sub parcel 8), which is hereby made a part of this restriction.

STATE OF WISCONSIN)
) ss
COUNTY OF MILWAUKEE)

269-9993-100-5

Parcel Identification Number (PIN)

WHEREAS, TOWER AUTOMOTIVE PRODUCTS COMPANY, INC., A DELAWARE CORPORATION, is the owner of the above described property.

WHEREAS, one or more iron and sulfate discharges have occurred at this property. Iron and sulfate-contaminated groundwater above ch. NR 140 Wis. Adm. Code public welfare enforcement standards existed on this property at the following locations on the following dates: On March 4, 1999, manhole B (MH-B), iron at 250 milligrams per liter (mg/l); monitoring well 100 (MW-100), sulfate at 26,000 mg/l and iron at 10,100 mg/l; MW-101, sulfate at 300 mg/l and iron at 1.4 mg/l; and on October 22, 1999, at Geoprobe boring 1 (GP-1), sulfate at 2,100 mg/l and iron at 176 mg/l. The locations of MH-B, MW-100, MW-101, and GP-1 are depicted on the attached Figure 3 which is hereby made a part of this restriction.

*F10: 291304360
Art 12: 02-21-1999*

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

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

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

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

Groundwater Use Restriction

Page 2

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

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

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

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

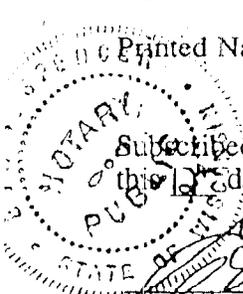
By signing this document, ROBERT D. HARENDA asserts that he/she is duly authorized to sign this document on behalf of Tower Automotive Products Company, Inc.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 12 day of July, 2000.

Signature: Robert D. Hendon

Printed Name: Robert D Hendon

Subscribed and sworn to before me this 12 day of July 2000.



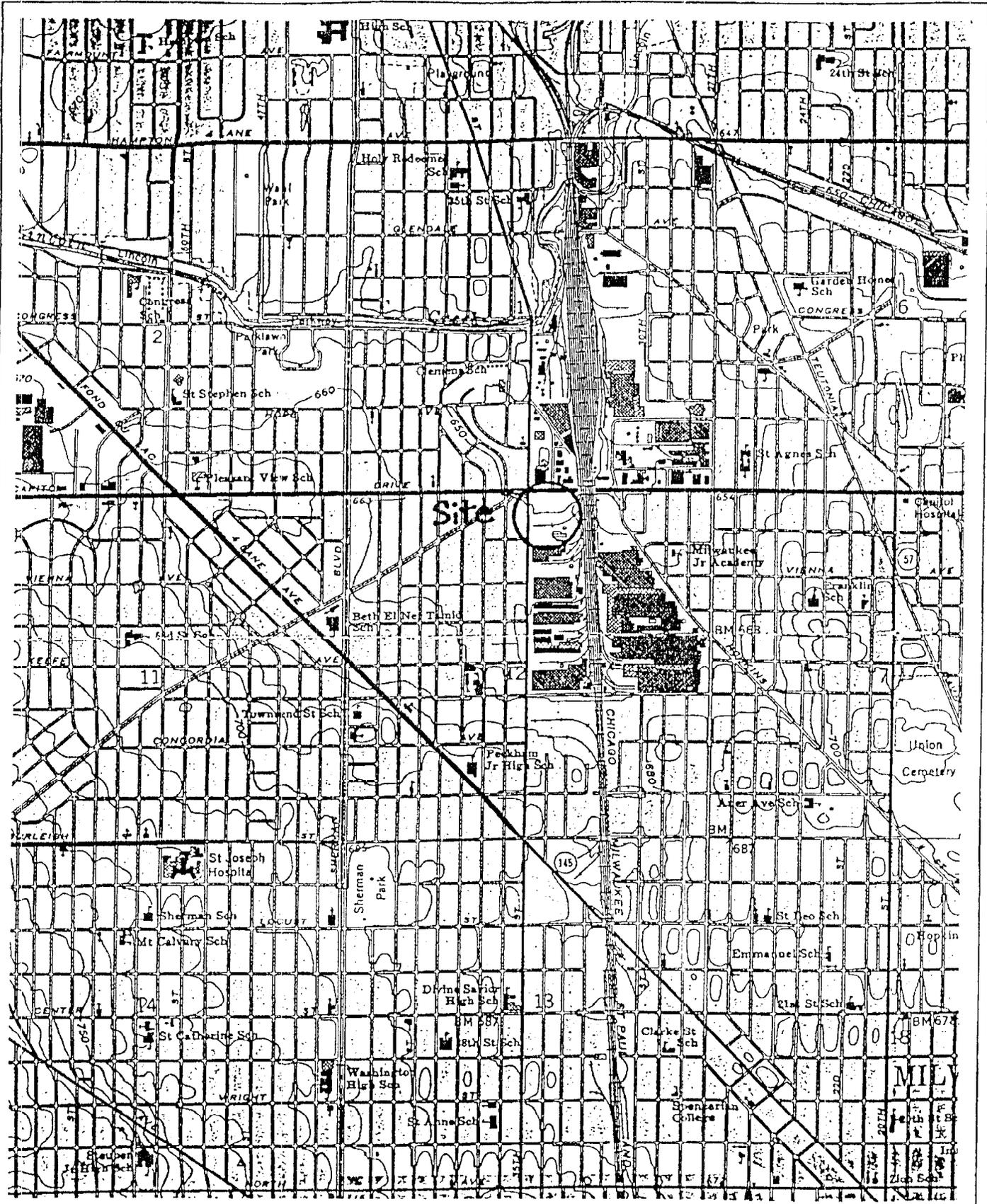
W. H. Spencer
Notary Public, State of Wisconsin
My commission October 21, 2001

000230610

Groundwater Use Restriction
Page 3

JEANNE TARNIS

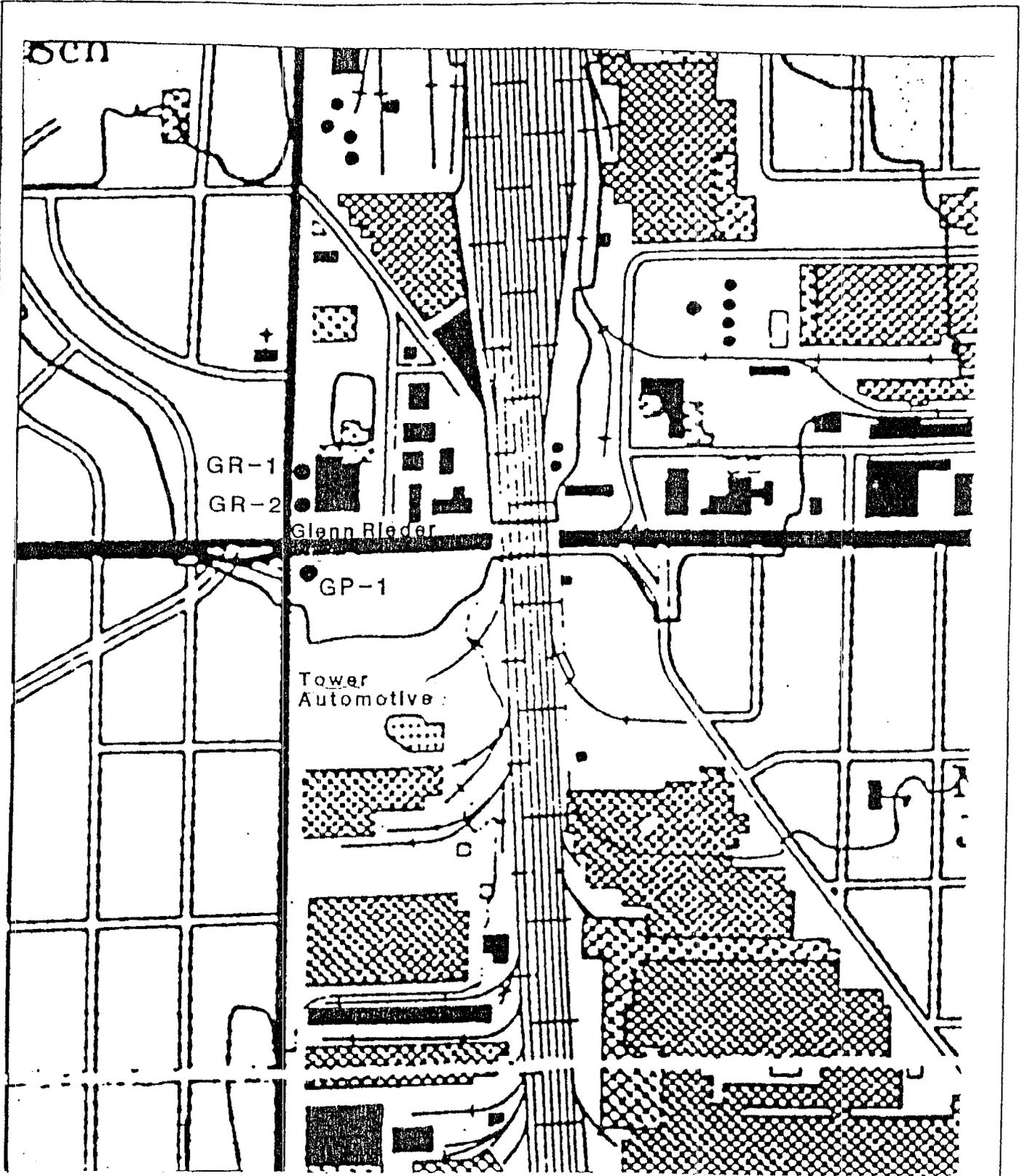
This document was drafted by ^ASTS Consultants, Ltd., on behalf of Tower Automotive Products Company, Inc., based on comments from the Wisconsin Department of Natural Resources.



STS Consultants Ltd.
 Consulting Engineers
 11425 W. Lake Park Dr.
 Milwaukee, WI 53224
 414.358.3030

SITE LOCATION MAP
 TOWER AUTOMOTIVE
 35th & CAPITOL
 MILWAUKEE, WISCONSIN

DESIGNED BY	TJD	01/24/00
DRAWN BY	LMD	01/24/00
APPROVED BY	PAT	01/24/00
CADFILE	SCALE	
5B5603XB001	1" = 24,000'	
STS PROJECT NO.	FIGURE NO.	
85603XB	1	



MILWAUKEE, WISCONSIN QUADRANGLE 1958, REVISED 1971



STS Consultants Ltd.
 Consulting Engineers
 11425 W. Lane Park Dr.
 Milwaukee, WI 53224
 414.359.3030

BORING LOCATION MAP
 TOWER AUTOMOTIVE
 35th & CAPITOL
 MILWAUKEE, WISCONSIN

DESIGNED BY	TJD	01/24/00
DRAWN BY	LMD	01/24/00
APPROVED BY	PAT	01/24/00
CADFILE	585603XB002	SCALE APPROX. 1" = 500'
STS PROJECT NO.	85603XB	FIGURE NO. 2

000230613

NORTH CAPITOL DRIVE



MW-101

GP-1

FENCE

STORM SEWER

BOX CULVERT

MW-100

SLURRY WALL

MH-B

N. 35th STREET

BUILDING 108



STS Consultants Ltd.
Consulting Engineers

STUDY AREA DIAGRAM
TOWER AUTOMOTIVE
MILWAUKEE, WISCONSIN

DRAWN BY	LMc	5-21-9
CHECKED BY	CLB	5-21-9
APPROVED BY	JMT	5-21-9
CADFILE	SCALE	
G5336001	1"=100'	
STS PROJECT NO.	FIGURE NO.	
85603XA	3	

1 11111 MAY 21 10 17 AM 1998

Exhibit AParcel J:

Sub Parcel No. 8:

That part of the Northeast one-quarter (1/4) of Section Twelve (12), in Township Seven (7) North, Range Twenty-one (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows, to-wit: commencing at the Northwest corner of the Northeast ¼ of Section 12 running thence south along the West line of said ¼ Section 946.03 feet to a point; thence East on a line parallel with the Milwaukee and St. Paul Railway Company; thence Northwesterly on the West line of said right of way to the intersection of said West line with the North line of said ¼ Section; thence West on the North line of said ¼ Section to the place of beginning, excepting therefrom the West 50 feet conveyed to the City of Milwaukee for street purpose by deed recorded April 8, 1927 in Volume 981 of Deeds on page 594 Document No. 1510424.

Excepting therefrom those lands conveyed to the City of Milwaukee for West Capitol Drive, in a Quit Claim Deed recorded as Document No. 1819309.

Also excepting therefrom those lands conveyed to the City of Milwaukee in a Warranty Deed recorded on April 1, 1958 in Volume 3799 of Deeds, as page 619, as Document No. 3646876.

Tax Key No. 269-9993-100-5

Address: 3533 North 27th Street

7935390

Document Number

DEED RESTRICTION

Declaration of Restrictions

In Re: The property described in the attached Figure 1, which is hereby made a part of this restriction.

STATE OF WISCONSIN)
) ss
COUNTY OF MILWAUKEE)

WHEREAS, TOWER AUTOMOTIVE PRODUCTS COMPANY, INC., A DELAWARE CORPORATION, is the owner of the above described property.

WHEREAS, one or more sulfate and iron discharges have occurred on this property. Sulfate and iron contaminated soil remains on this property at the following Location:

All that part of the Northwest 1/4 of the Northeast 1/4 of Section 12, Town 7 North, Range 21 East in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows:

Commencing at the North 1/4 corner of said Section 12; thence South 00° 48'48" East and along the west line of the Northeast 1/4 of said Section 12, 635.22 feet; thence North 89° 12'17" East, 65.55 feet to the point of beginning of the following description;

Continuing thence North 89°12'17" East, 511.00 feet; thence South 00°47'43" East, 191.00 feet; thence South 89°12'17" West, 253.23 feet; thence North 74°07'28" West, 59.26 feet; thence South 89°12'17" West, 201.00 feet; thence North 00°47'43" West, 174.00 Feet to the point of beginning.

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

REGISTER'S OFFICE | SS
Milwaukee County, WI

RECORDED AT 1:53 PM

07-13-2000

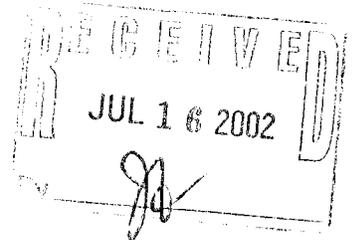
WALTER R. BARCZAK
REGISTER OF DEEDS

AMOUNT 18.00

Roland Berg
Tower Automotive
3533 North 27th Street
Milwaukee, WI 53216

269-9993-100-5

Parcel Identification Number (PIN)



FID : 241304560

Becks: 02-41-198345

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

The following activities are prohibited on that portion of the property described above where a concrete slurry wall and a slurry with a concrete cap on the western half of the property and an asphalt cap on the eastern half of the property has been placed as depicted on Figure 1 which is attached and hereby made part of this restriction unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successors or assigns: (1) Excavating or grading of the surface of the Capped Area; (2) Filling on the Capped Area; (3) Plowing the Capped Area for agricultural cultivation; and (4) Construction or installation of a building with a subsurface foundation within the Capped Area.

This restriction shall not prohibit the use of the Capped Area for any of the following activities, and approval from the Wisconsin Department of Natural Resources shall not be required for any such activity, provided that a cap of concrete or another water-impervious material is maintained over the Capped Area and there is no significant disturbance of subsurface soils within the Capped Area: parking lot, sidewalk, service road, alley, loading dock, storage or loading area, equipment staging area, slab-on-grade type building or structure, or any other use that does not disturb subsurface soils, other than minor disturbances of subsurface soils, or compromise the integrity of the cap. This restriction shall not prevent or limit the property owner from maintaining the cap over the Capped Area, through appropriate activities, such as patching, caulking, filling, reinforcing, paving, re-paving, surfacing, or re-surfacing all or part of the cap over the Capped Area, provided that such activities are performed in a manner so as to limit the disturbance of subsurface soils and limit the infiltration of precipitation or other water within the Capped Area. This restriction includes a provision for inspection of the integrity of the Capped Area and maintenance of the cap on a yearly basis.

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

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Robert D. Harendas asserts that he/she is duly authorized to sign this document on behalf of Tower Automotive Products Company, Inc.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 12th day of July, 2000.

Signature: Robert D. Harendas

Printed Name: Robert D. HARENDA



Subscribed and sworn to before me this 12th day of July, 2000.

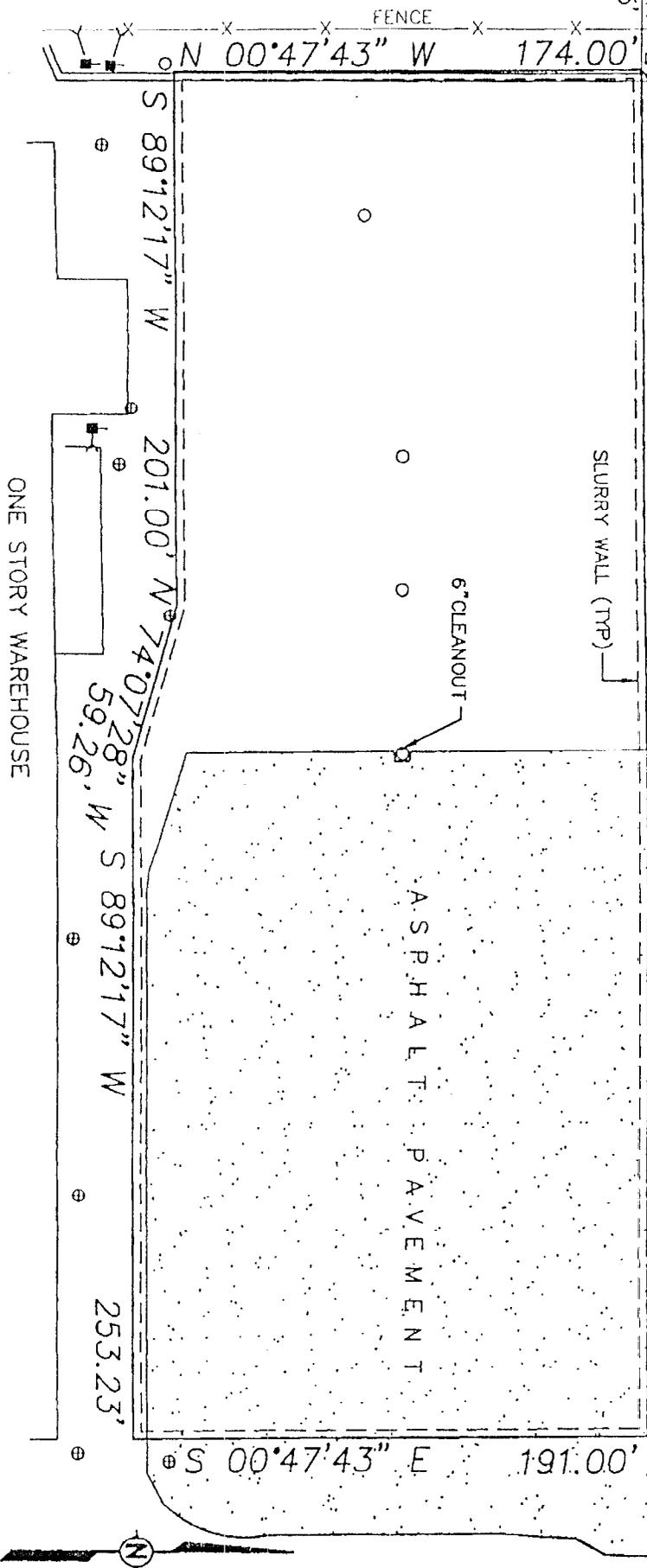
John J. Spencer
Notary Public, State of Wisconsin
My commission October 21, 2001
JEANNE TARNIN

This document was drafted by STS Consultants, Ltd., on behalf of Tower Automotive Product Company, Inc., based on comments from the Wisconsin Department of Natural Resources.

NORTH 35TH STREET

WEST CAPITOL DRIVE

N 00°48'48" W 2037.15' 2672.37'



WISCONSIN LAND SURVEYOR
 RICHARD K. WAGNER
 S-16666
 Mukeshha, Wis.
 8/26/99

Description of Restricted Area
 All that part of the Northwest 1/4 of the Northeast 1/4 of Section 12, Town 7 North, Range 21 East in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows:
 Commencing at the North 1/4 corner of said Section 12; thence South 00°48'48" East and along the west line of the Northeast 1/4 of said Section 12, 635.22 feet thence North 89°12'17" East, 65.55 feet to the point of beginning of the following description:

Continuing thence North 89°12'17" East, 511.00 feet; thence South 00°47'43" East, 191.00 feet; thence South 89°12'17" West, 253.23 feet; thence North 74°07'28" West, 59.26 feet; thence South 89°12'17" West, 201.00 feet; thence North 00°47'43" West, 174.00 Feet to the point of beginning.
 Containing 93,701 square feet (2.1511 acres) of land, more or less.

LEGEND

■	POWER POLE
⊕	POWER POLE LIGHT
⊙	METAL POST
—	GYL WARE
○	MANHOLE
⊕	CATCH BASIN ROUND

Notes

- All bearings are referenced to Grid North of the Wisconsin State Plane Coordinate System, South Zone.
- Location of Slurry Wall determined by using the field location of building 108 and scaled distances from Waste Containment Facilities layout plan, drawing number 1330-B-1180, prepared by Donohue dated May 1983 and last revised 10-10-84, said layout plan furnished by Tower Automotive.



SLURRY WALL LOCATION TOWER AUTOMOTIVE MILWAUKEE, WISCONSIN

DRAWN BY	PDS	8-25-99
CHECKED BY	KRD	8-25-99
APPROVED BY	RKW	8-26-99
CADFILE	SCALE	1" = 60'
85603XA	PLATE NO.	1





STS Consultants Ltd.
 Consulting Engineers
 11425 W. Lake Park Dr.
 Milwaukee, WI 53224
 #14.358.3030

SITE LOCATION MAP
 TOWER AUTOMOTIVE
 35th & CAPITOL
 MILWAUKEE, WISCONSIN

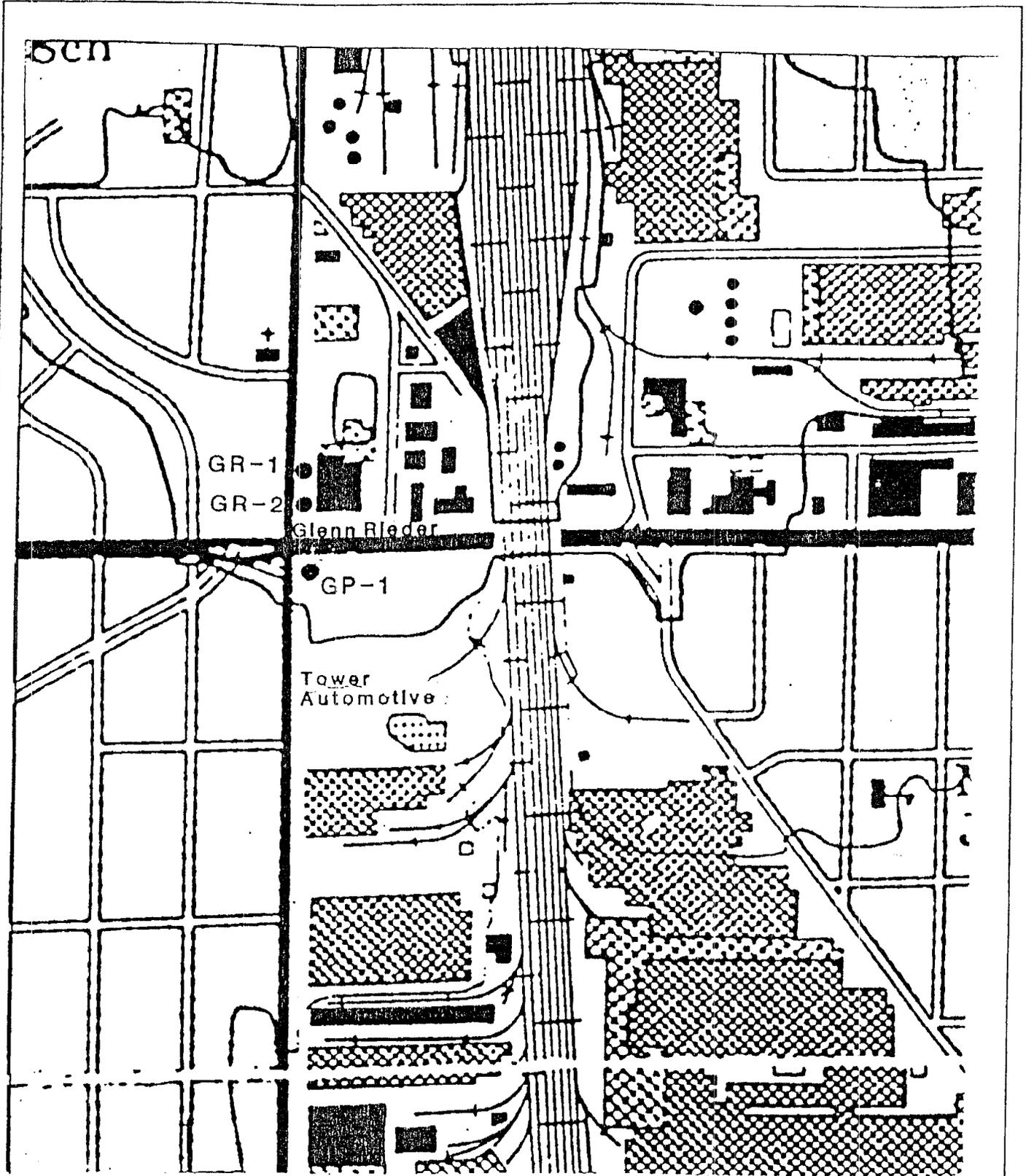
DESIGNED BY	TJD	01/24/00
DRAWN BY	LMD	01/24/00
APPROVED BY	PAT	01/24/00
CADFILE	585603XB001	SCALE
STS PROJECT NO.	85603XB	1" = 24,000'
		FIGURE NO.
		1



STS Consultants Ltd.
 Consulting Engineers
 11423 W. Lake Park Dr.
 Milwaukee, WI 53224
 414.358.3030

SITE LOCATION MAP
 TOWER AUTOMOTIVE
 35th & CAPITOL
 MILWAUKEE, WISCONSIN

DESIGNED BY	TJD	01/24/00
DRAWN BY	LMD	01/24/00
APPROVED BY	PAT	01/24/00
CADFILE	SCALE	
585603XB001	1" = 24,000'	
STS PROJECT NO.	FIGURE NO.	
85603XB	1	



MILWAUKEE, WISCONSIN QUADRANGLE 1958, REVISED 1971



STS Consultants Ltd.
 Consulting Engineers
 11425 W. Lake Park Dr.
 Milwaukee, WI 53224
 414.359.3030

BORING LOCATION MAP
 TOWER AUTOMOTIVE
 35th & CAPITOL
 MILWAUKEE, WISCONSIN

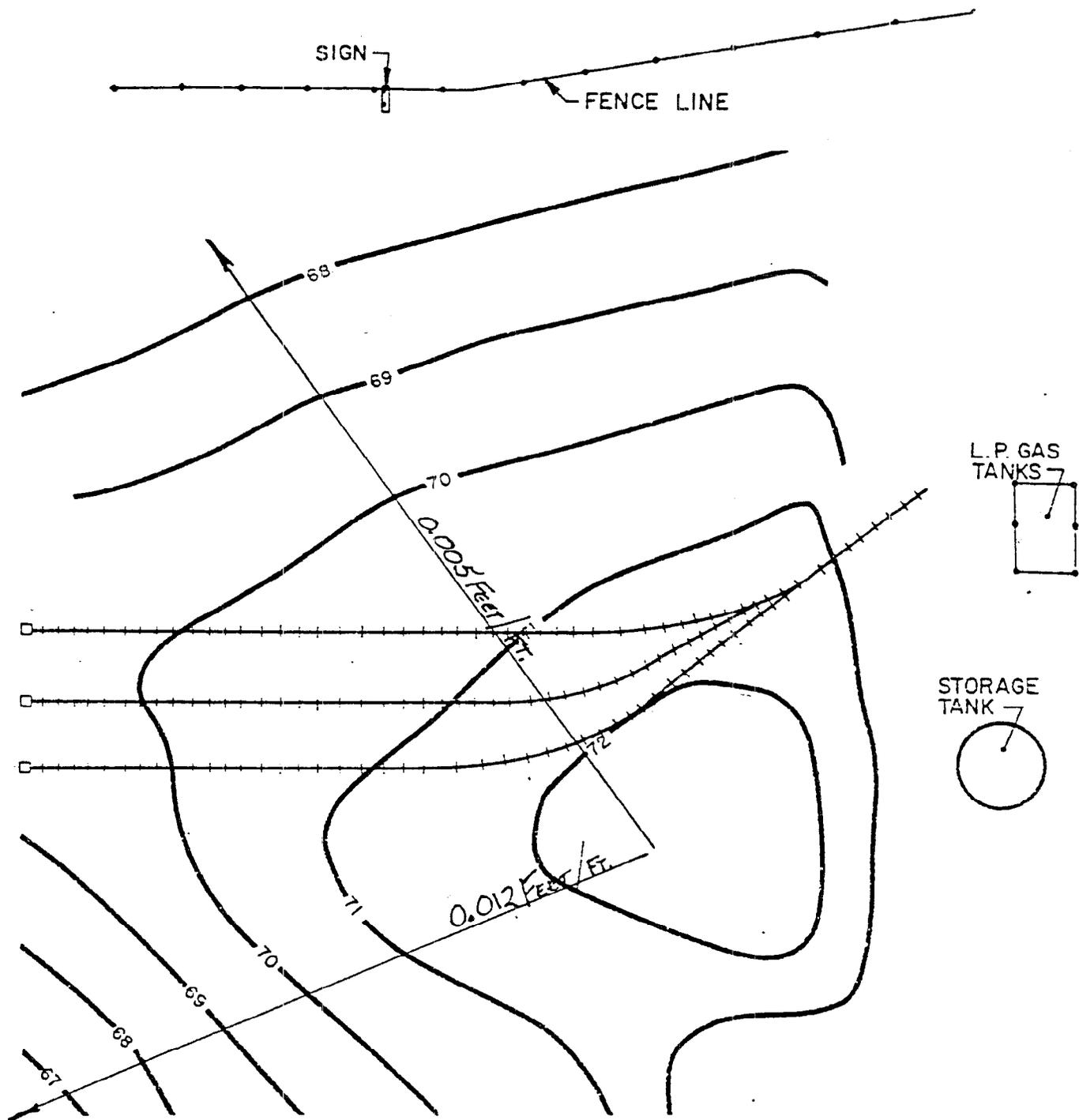
DESIGNED BY	TJD	01/24/00
DRAWN BY	LMD	01/24/00
APPROVED BY	PAT	01/24/00
CADFILE	585603XB002	SCALE APPROX. 1" = 500'
STS PROJECT NO.	85603XB	FIGURE NO. 2

Table 1
Tower Automotive
Monitoring Data Summary

Well	Parameter	ES*	Sampling Dates																														
			9/26/84	3/6/85	9/12/85	3/25/85	9/17/85	3/30/85	9/14/87	3/30/88	9/14/88	3/29/89	9/21/89	3/27/90	9/19/90	3/26/91	9/18/91	3/25/92	9/22/92	3/30/93	9/17/93	3/23/94	9/27/94	3/27/95	9/21/95	3/27/96	9/19/96	3/26/97	9/23/97	3/24/98	9/16/98	3/4/99	
MH-B	Elevation (ft)	0.3	650.4	651.29	651.2	650.98	651.18	651.25	651.21	651.28	651.16	651.26	651.18	651.13	651.3	651.29	651.27	651.27	651.29	651.21	651.26	651.24	651.26	651.19	651.32	651.21	651.09	651.24	651.31	651.21	651.3	651.07	
	Dissolved Iron (mg/L)	0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Sulfate (mg/L)	250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-100A	Field pH	0.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Field Conductivity	250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Lab Conductivity	0.15	649.78	649.86	649.75	650.17	650.04	650.25	650.08	650.25	650.21	650.13	650.54	650.08	650.58	650.5	646.33	650.83	651.08	650.5	650.75	649.79	650.63	649.87	650.71	650.21	650.54	650.42	650.42	650.08	650.75	650.21	
MW-101A	Dissolved Iron (mg/L)	0.3	212	495	279	323	260	160	333	179	512	580	85	3	173	0.04	190	61.8	22	0.07	1.19	60.1	120	0.15	0.04	4.6	1.6	0.69	2.4	649	648.92	649.00	
	Sulfate (mg/L)	250	1,874	1,714	2,548	2,340	1,795	1,075	1,878	290	1,920	1,600	1,230	240	1,320	1,760	930	229	87	2,300	885	2,000	1,155	245	670	590	86	280	51	260	300		
	Field pH	0.15	6.6	6.4	6.3	6.2	6.5	7	6.3	6.7	6.1	6.5	6.5	6.9	6.4	7.2	6.5	6.5	6.9	6.7	5.7	6.4	7.4	7.2	7.2	7	7.5	7.6	7	7.7	7.1	6.9	
N-35th-Box	Field Conductivity	250	4,736	4,250	3,993	4,402	3,848	2,216	3,738	650	3,616	3,398	990	3,200	2,190	3,092	1,202	1,209	385	1,017	2,514	3,044	783	1,043	1,951	1,725	602	1,195	468	1,008	1,193	730	
	Lab Conductivity	0.15	647.31	646.5	647.58	647	648.08	647.92	648.83	647.17	647.38	646.88	647.83	647.42	647.46	647.75	647.83	647.92	648.33	648.33	647.67	647.17	647.71	647.92	647.92	647.29	647.67	649.25	648.58	649	648.92	649.00	
	Parameter	0.3	243	166	213	171	062	12	083	077	084	13	05	069	121	002	0.07	0.04	0.04	0.02	0.01	0.01	120	0.01	0.25	140	0.73	0.10	0.59	0.39	0.3	1.1	
MH-B	Elevation (ft)	0.3	38.8	54.1	48	54	35	31	22	39.3	33	53	41	40	42	56	46	48	39	44	108	55	71	90	46	51	41	58	39	52	47	47	
	Dissolved Iron (mg/L)	250	7.8	7.5	7.8	7	7.6	8	7.4	7.5	7.3	7.5	7.8	7.7	8	7.8	8.1	8	8.3	8.4	6.5	7	7.8	7.5	7.8	7.2	7	7.3	7.2	7.0	7.6	7.6	
	Sulfate (mg/L)	0.15	477	2,600	N/A	N/A	N/A																										

* Wisconsin Administrative Code NR140 Welfare Standards

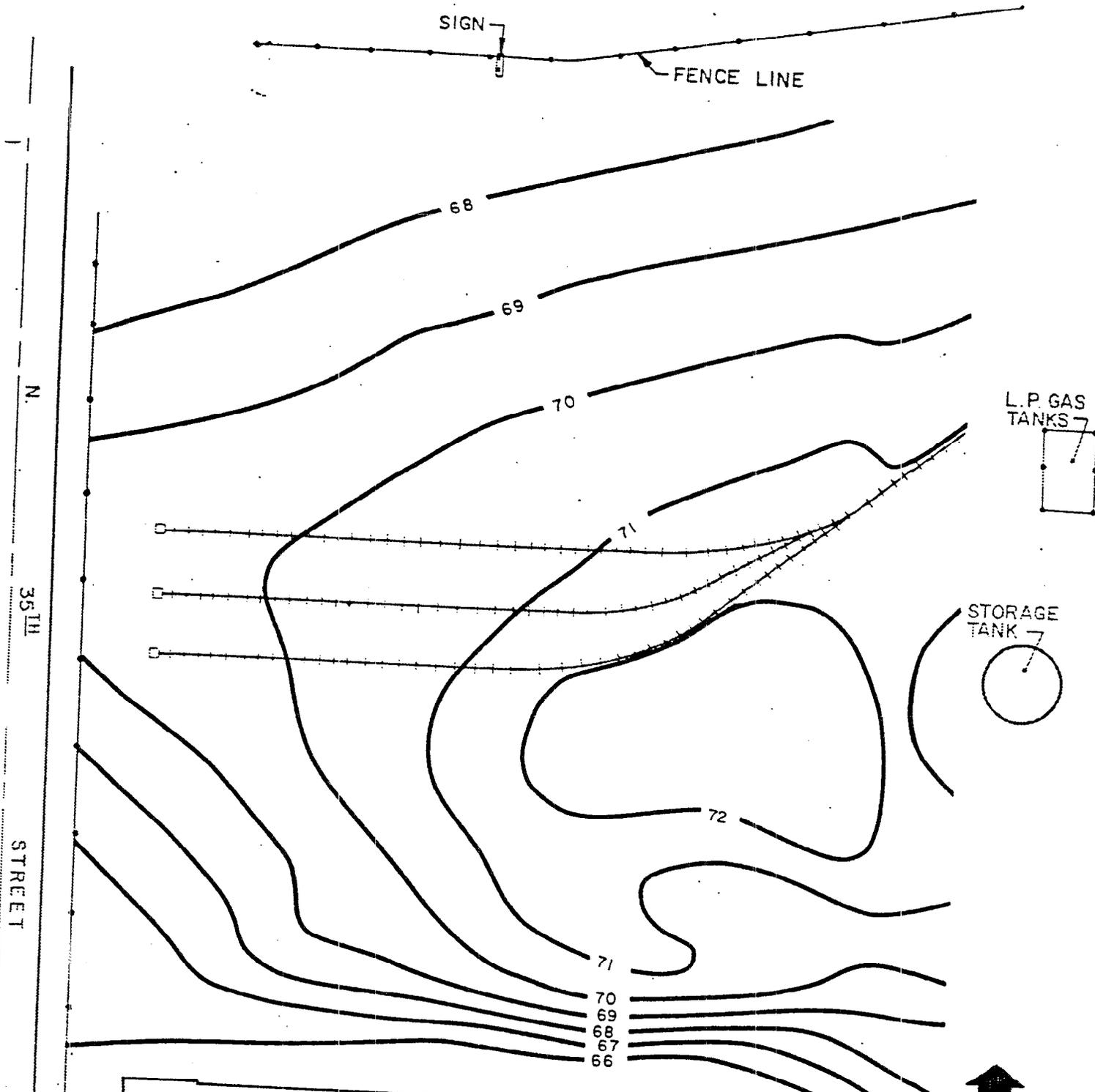
N.
35TH
STREET



Data as of Dec. 3, 1981

FLOOR ELEV. = 71.92
BUILDING NO. 108
FIGURE 3-12
GROUNDWATER TOPOGRAPHY
A.O. SMITH
MILWAUKEE, WISCONSIN
Donohue
1982

SCALE 1" = 100'
N



February 1982
FIGURE 2-3
GROUNDWATER CONTOUR PLOT
A.O. SMITH
MILWAUKEE, WISCONSIN

Donohue
 1982

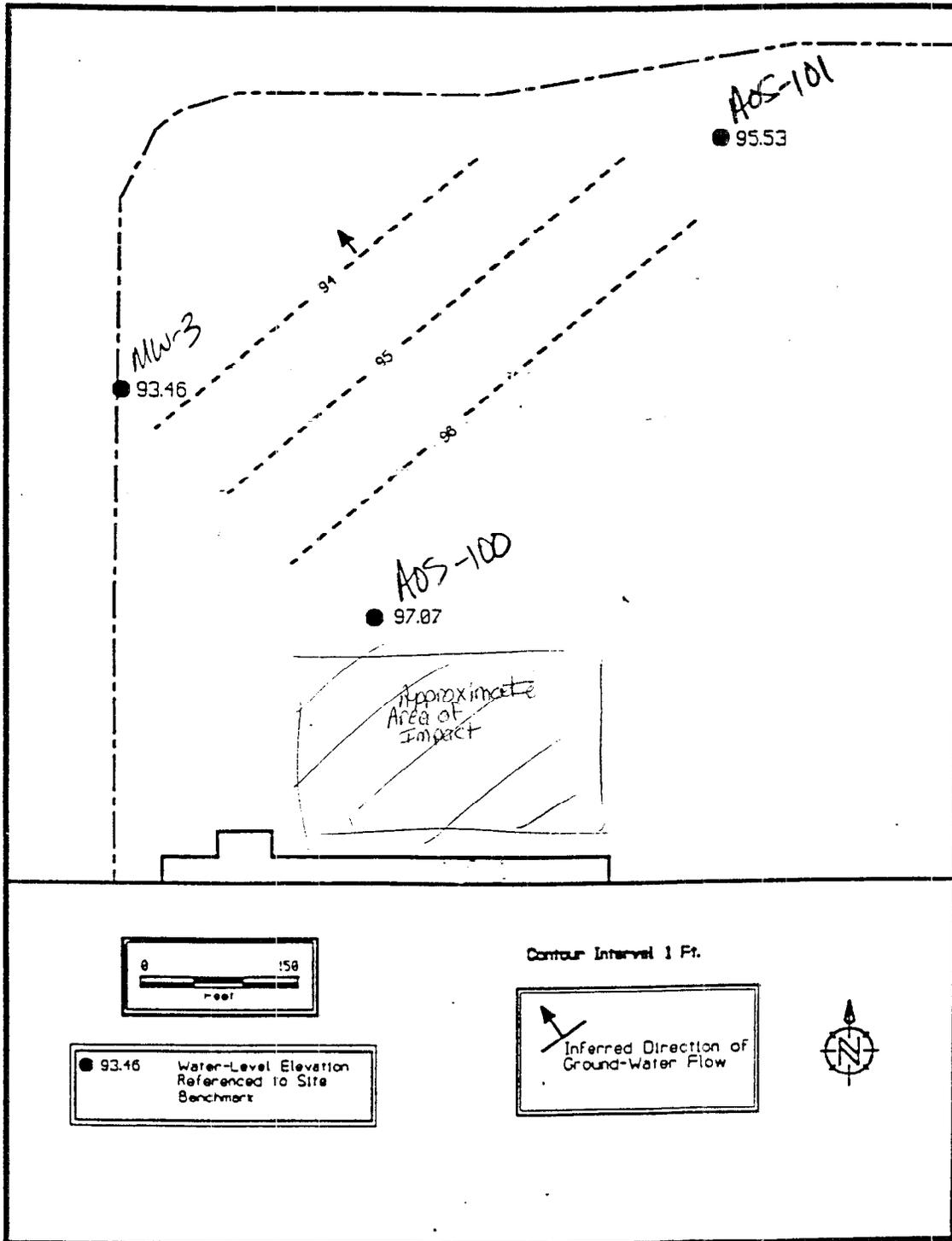
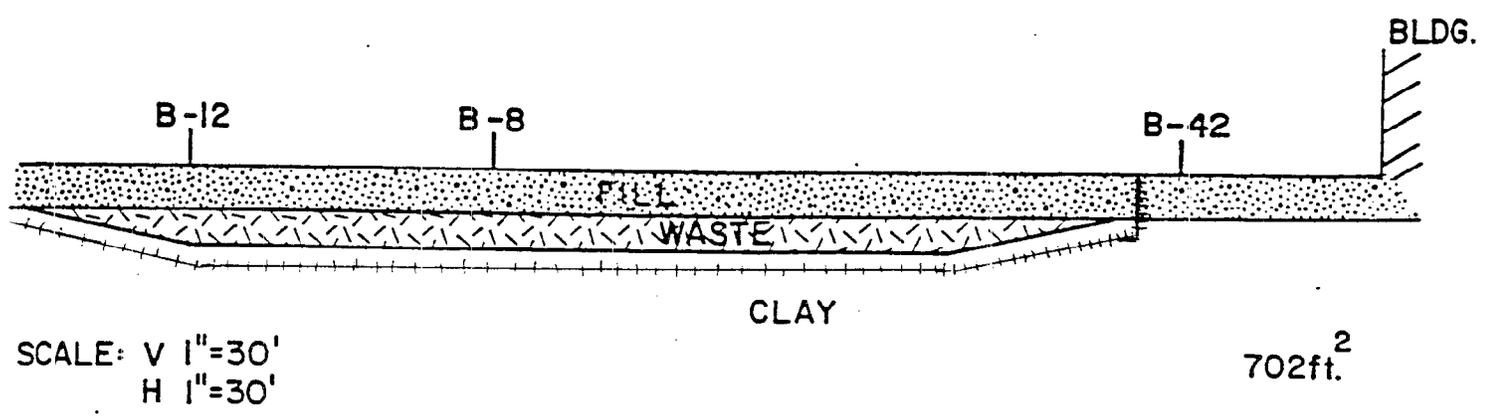
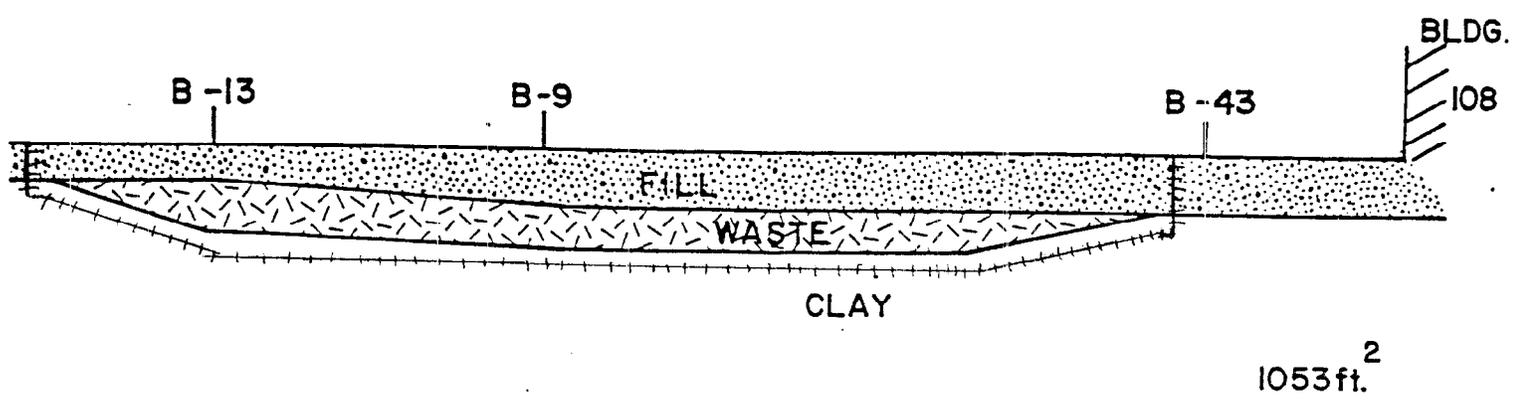
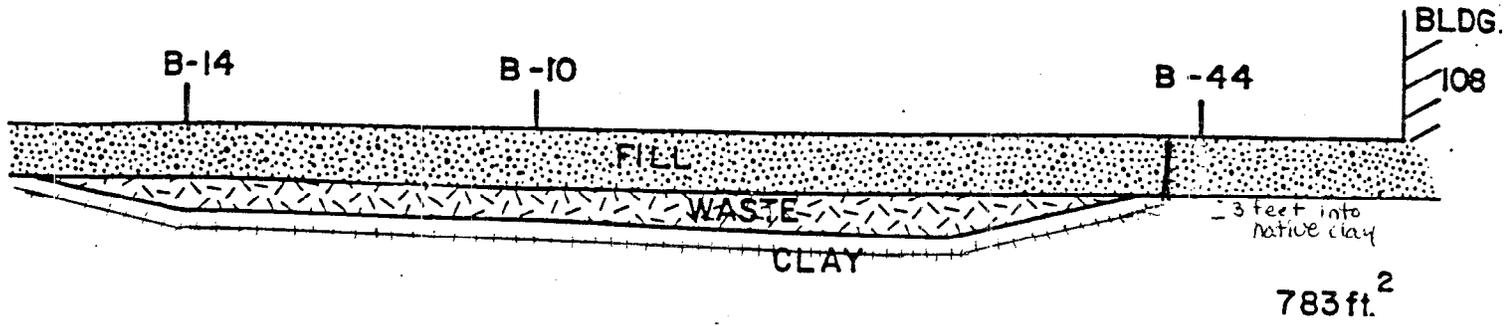


Figure 5-1. Water Level Contours, A.O. Smith, Milwaukee, Wisconsin



SCALE: V 1"=30'
 H 1"=30'

→ = cut-off wall, approximate (typical)

FIGURE 2-2
 CROSS SECTIONS - Approximate cut-off wall
 A.O. SMITH
 MILWAUKEE, WISCONSIN

Donohue
 1982