

**GIS REGISTRY INFORMATION**

**SITE NAME:** Karl Schmidt Unisia

**BRRTS #:** 02-38-523980 **FID # (if appropriate):** \_\_\_\_\_

**COMMERCE # (if appropriate):** \_\_\_\_\_

**CLOSURE DATE:** 08/27/2007

**STREET ADDRESS:** 1731 Industrial Parkway

**CITY:** Marinette

**SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection): X= 705467 Y= 515397

**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 or denial letter issued X
- Copy of any maintenance plan referenced in the final closure letter. X
- Copy of (soil or land use) deed notice *if any required as a condition of closure* NA
- 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. NA
- GW: Table of water level elevations, with sampling dates, and free product noted if present NA
- 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) NA
- 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



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters  
2984 Shawano Ave., P.O. Box 10448  
Green Bay, Wisconsin 54307-0448  
Telephone 920-662-5100  
FAX 920-662-5413  
TTY Access via relay - 711

August 27, 2007

Mr. Brett Looze  
EH&S Director  
Karl Schmidt Unisia, Inc.  
1731 Industrial Parkway  
Marinette, WI 53707

SUBJECT: Final Case Closure with Land Use Limitations or Conditions, Karl Schmidt Unisia, Marinette WI, WDNR BRRTS Activity #: 02-38-523980.

Dear Mr. Looze:

On May 5, 2005, the Northeast 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 July 19, 2005, you were notified that the Closure Committee had granted conditional closure to this case.

On August 2, 2007 the Department received correspondence indicating that you have complied with the requirements of closure. As a condition of closure, you were required to submit monitoring well abandonment documentation and a deed restriction to maintain a surface barrier over the remaining soil contamination to prevent contamination from impacting groundwater. Because of a recent change in state statutes, you are no longer required to have a deed restriction as long as the site is listed on the GIS Registry.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or 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 may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement or other impervious cap that currently exists in the location shown on the attached map shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140,

Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

The following activities are prohibited on any portion of the property where [pavement, a building foundation, soil cover, engineered cap or other barrier] is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Jim Walden at 608-267-7572.

Sincerely,

A handwritten signature in black ink, appearing to read "B. G. Urben". The signature is fluid and cursive, with a large initial "B" and "G".

Bruce Urben  
Remediation & Redevelopment Team Supervisor

cc: Dennis Greil – KUS

## **CAP MAINTENANCE PLAN**

**JULY 2007**

### **Property Located at:**

**1731 Industrial Parkway  
Marinette, Wisconsin**

**BRRTS # 02-38-523980**

### **Introduction**

The purpose of this document is to present a Maintenance Plan for an engineered barrier at the above-referenced property per the requirements of *Wis. Adm. Code s. NR 724.13(2)*. The maintenance activities relate to the existing building lying over the area of residual on-site soil contamination. The contaminated soil was impacted by petroleum hydrocarbons released during a machining coolant spill on or about March 11, 2004. Refer to the enclosed Figure 1 for an approximate location of contaminated soil.

### **Engineered Cap Purpose**

The building structure located over the contaminated soil serve as an infiltration barrier to inhibit and prevent future soil-to-groundwater contamination migration that would violate the standards of *Wis. Adm. Code ch. NR 140*. It is important that the barrier remain intact in order to prevent water from infiltrating through contaminated soils and contaminating local groundwater. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

### **Maintenance Activities**

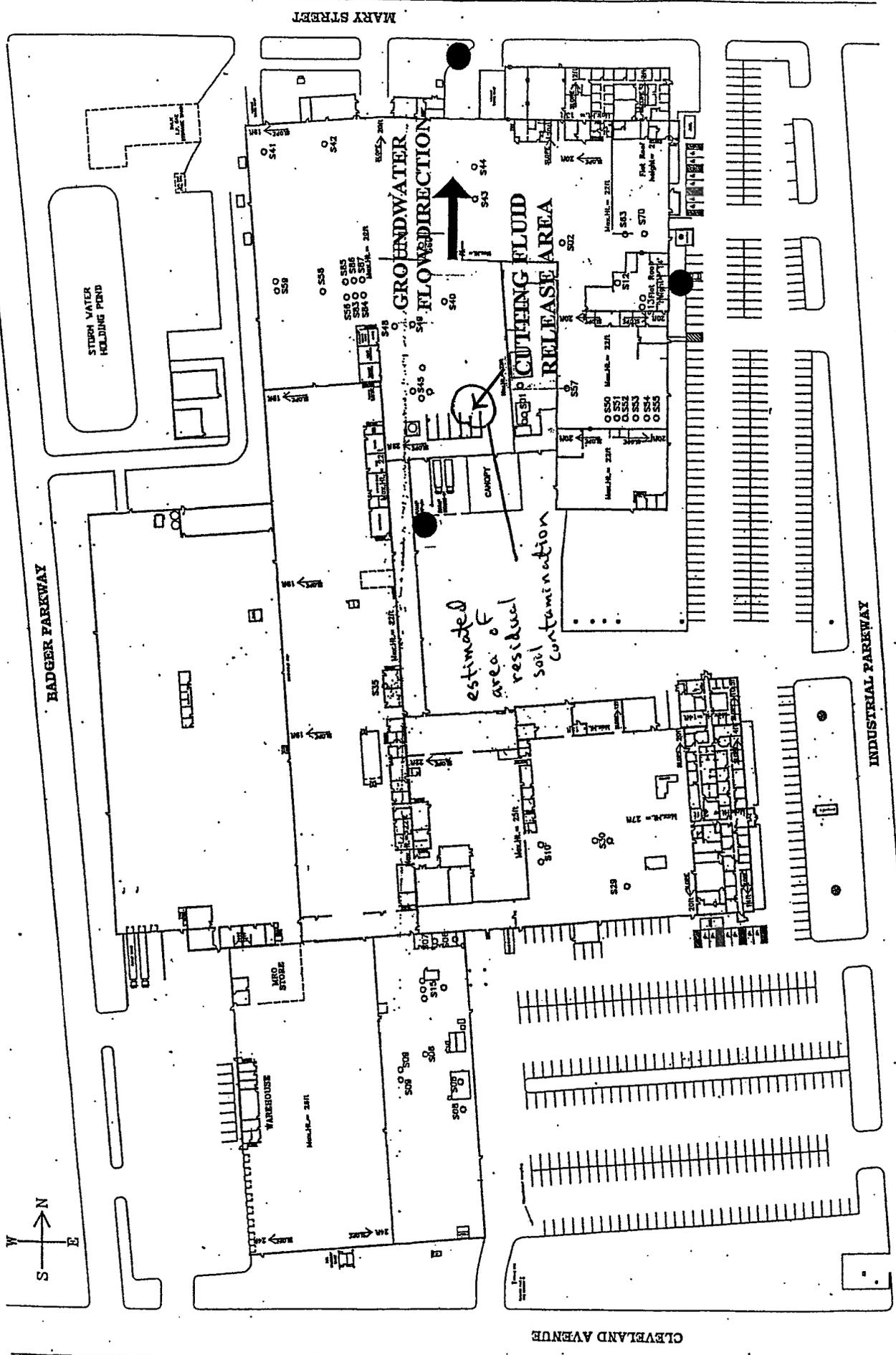
In the event that future site activities (i.e., building demolition, expansion, or remodeling) expose the underlying contaminated soil, reasonable measures will be taken to prevent water from infiltrating the exposed area. Further, any soil that is excavated from the site will be sampled prior to disposal to ascertain if contamination remains. If contaminated, the soil will be treated, stored and disposed in accordance with applicable local, state and federal law.

In the event the impermeable surfaces overlying the contaminated soil are removed or replaced, the replacement barrier will be equally impervious. Any replacement barrier will be subject to the same maintenance guidelines as outlined in this *Cap Maintenance Plan* unless indicated otherwise by the Wisconsin Department of Natural Resources (WDNR) or its successor.

In order to maintain the integrity of the barrier, a copy of the Maintenance Plan will be made available to all interested parties (i.e. contractors, future property owners, etc.).

# PISTON FOUNDRY AND MACHINING FACILITIES

KARL SCHMIDT UNISIA INC.  
MARINETTE, WISCONSIN USA



## FIGURE 1

Scale: 1"=Approx 150'

- ### LEGEND
- Proposed Soil Boring/Temp Well

434758

THIS SPACE RESERVED FOR RECORDING DATA

RECORDED

JKT3394 #21

1990 OCT -2 PM 3:49

Sharon J. Morrison  
REGISTER OF DEEDS  
OF MARINETTE COUNTY, WI.

THIS INDENTURE, Made this 1st day of October  
A. D., 1990, between KSG INDUSTRIES, INC., a Delaware  
corporation

\_\_\_\_\_ a Corporation  
duly organized and existing under and by virtue of the laws of the State of Wisconsin, located  
at Marinette Wisconsin, party of the first part and  
KARL SCRODT INDUST, INC., a Delaware Corporation

part Y of the second part.  
Witnesseth, That the said party of the first part, for and in consideration  
of the sum of One Dollar and other valuable and good  
consideration

RETURN TO 1000  
Morrison & Coggins

\_\_\_\_\_ to it paid by the said party \_\_\_\_\_ of the second part, the receipt whereof is hereby  
confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents  
does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party \_\_\_\_\_ of the second part, its heirs and assigns  
forever, the following described real estate situated in the County of Marinette and State of Wisconsin, to-wit:

SEE ATTACHED

TRANSFER  
\$ 4459.50  
FEE  
MARINETTE  
COUNTY

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

Together with all and singular the hereditaments and appurtenances thereto belonging or in any wise appertaining; and all the estate  
right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy  
of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and To Hold the said premises as above described with the hereditaments and appurtenances, unto the said part Y of the  
second part, and to its heirs and assigns FOREVER.  
And the said KSG INDUSTRIES, INC.

party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said part ies of the  
second part, ICE heirs and assigns, that at the time of the executing and delivery of these presents it is well seized of the  
premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the  
same are free and clear from all incumbrances whatever, subject to and with the exception of  
zoning ordinances, easements and restrictions of record, and taxes and  
assessments due and payable after delivery of this deed.

and that the above bargained premises in the quiet and peaceable possession of the said part Y of the second part ICE heirs and assigns,  
against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT AND DEFEND.

In Witness Whereof, the said KSG INDUSTRIES, INC.  
party of the first part, has caused these presents to be signed by Steven W. Denster, its Chief Executive Officer, and  
countersigned by James G. Moore, its Assistant Treasurer, at Chicago, Illinois  
this 2nd day of October A. D., 1990

SIGNED AND ACKNOWLEDGED IN PRESENCE OF

KSG INDUSTRIES, INC.

Corporate Name

Steven W. Denster  
Chief Executive Officer

COUNTERSIGNED:

James G. Moore  
Assistant Treasurer

STATE OF ILLINOIS,

Cook County, }  
}

Personally came before me, this 2nd day of October A. D., 19 90

Steven W. Denster, Chief Executive Officer, and James G. Moore, Assistant Treasurer, of the above  
named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Chief Executive Officer  
and Assistant Treasurer of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the  
deed of said Corporation, by its authority.



Kathy Gorney  
Cook County, IL

This instrument drafted by  
MORRISON & COGGINS, S.C.  
P. O. Box 406  
Marinette, WI 54143

My Commission (Expires) (1st) 5/9/94

(Section 99.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

Parcel #1

That part of the South-East Quarter of the North-East Quarter (SE1/4-NE1/4) of Section 12, Township 38 North, Range 23 East, described as: Beginning on the South line of Mary Street at a point along said line 486.75 feet West of the East line of said forty; thence South, parallel to said East line, 685 feet; thence West, parallel to the South line of Mary Street, 378 feet; thence North, parallel to the East line of said forty, 685 feet to the South line of Mary Street; thence East, on said South line, 378 feet to the point of beginning; situate in the County of Marinette and State of Wisconsin.

JKT 3394 #22

Parcel #2

That part of the South-East Quarter of the North-East Quarter (SE1/4-NE1/4) of Section 12, Township 38 North, Range 23 East, described as: Commencing at the East 1/4 corner of said section; thence South 89 Degrees 45 Minutes 08 Seconds West along the East-West Quarter line of said section and along the North line of Cleveland Avenue, 1291.52 feet to the East line of Badger Parkway; thence North 05 Degrees 32 Minutes 29 Seconds West along the East line of Badger Parkway, 692.09 feet to the PLACE OF BEGINNING of the lands hereon described; thence continue North 05 Degrees 32 Minutes 29 Seconds West along the East line of Badger Parkway, 686.22 feet to the South line of Mary Street; thence East along the South line of Mary Street, 466.32 feet to the Northwest corner of parcel described in Volume 485, page 869, Marinette County Records; thence South 04 Degrees 18 Minutes 49 Seconds East along the West line of said parcel 685.00 feet to the Southwest corner of said parcel; thence West 451.87 feet to the place of beginning; situate in the City of Marinette, Marinette County, Wisconsin.

EXCEPTING THEREFROM THAT PART THEREOF DESCRIBED AS: That part of the South-East Quarter of the North-East Quarter (SE NE) of Section 12, Township 38 North, Range 23 East, described as: Commencing at the East 1/4 corner of said Section; thence South 89 Degrees 45 Minutes 08 Seconds West, on the East-West 1/4 line of said section and the North line of Cleveland Avenue, 486.94 feet, to the West line of Industrial Parkway; thence North 04 Degrees 18 Minutes 49 Seconds West, on the West line of said Industrial Parkway, 687.14 feet, to the Southeast corner of the premises described in Volume 485 Deeds page 869 Document #368637 MCR; thence West, on the South line of the premises described in said Volume 485 Deeds page 869 Document #368637 MCR, a distance of 378.00 feet to the Southeast corner of the premises described in Jacket 579 Images 47-48, Document #414278 MCR, at the POINT OF BEGINNING OF THIS EXCEPTED PARCEL; thence continuing West, on the South line of the premises described in said Jacket 579 Images 47-48, Document #414278 MCR, a distance of 282.98 feet; thence North 04 Degrees 18 Minutes 56 Seconds West, 103.16 feet; thence North 85 Degrees 49 Minutes 04 Seconds East, 282.16 feet to the East line of the premises described in said Jacket 579 Images 47-48, Document #414278 MCR; thence South 04 Degrees 18 Minutes 49 Seconds East, on the East line of the premises described in said Jacket 579 Images 47-48, Document #414278 MCR and the West line of the premises described in said Volume 485 Deeds page 869 Document #368637 MCR, a distance of 123.79 feet, to the point of beginning of this excepted parcel; situate in the City of Marinette, Marinette County, Wisconsin.

Being a portion of parcel #251-00540.000

RECORDED  
A99758  
1990 OCT -2 PM 3:49  
REGISTER OF DEEDS  
MARINETTE COUNTY, WI

PART OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4, SECTION 12  
 T 30 N R 23 E  
 MARINETTE COUNTY WISCONSIN

Reduced map  
 on 3/15/05  
 1" = 258 feet

**CERTIFICATE**

I, HUGH W. GUY Jr., SURVEYOR, HEREBY CERTIFY  
 THAT I HAVE SURVEYED THE LANDS HEREON DESCRIBED

*Hugh W. Guy Jr.*  
 HUGH W. GUY JR.  
 SURVEYOR

**SCALE**

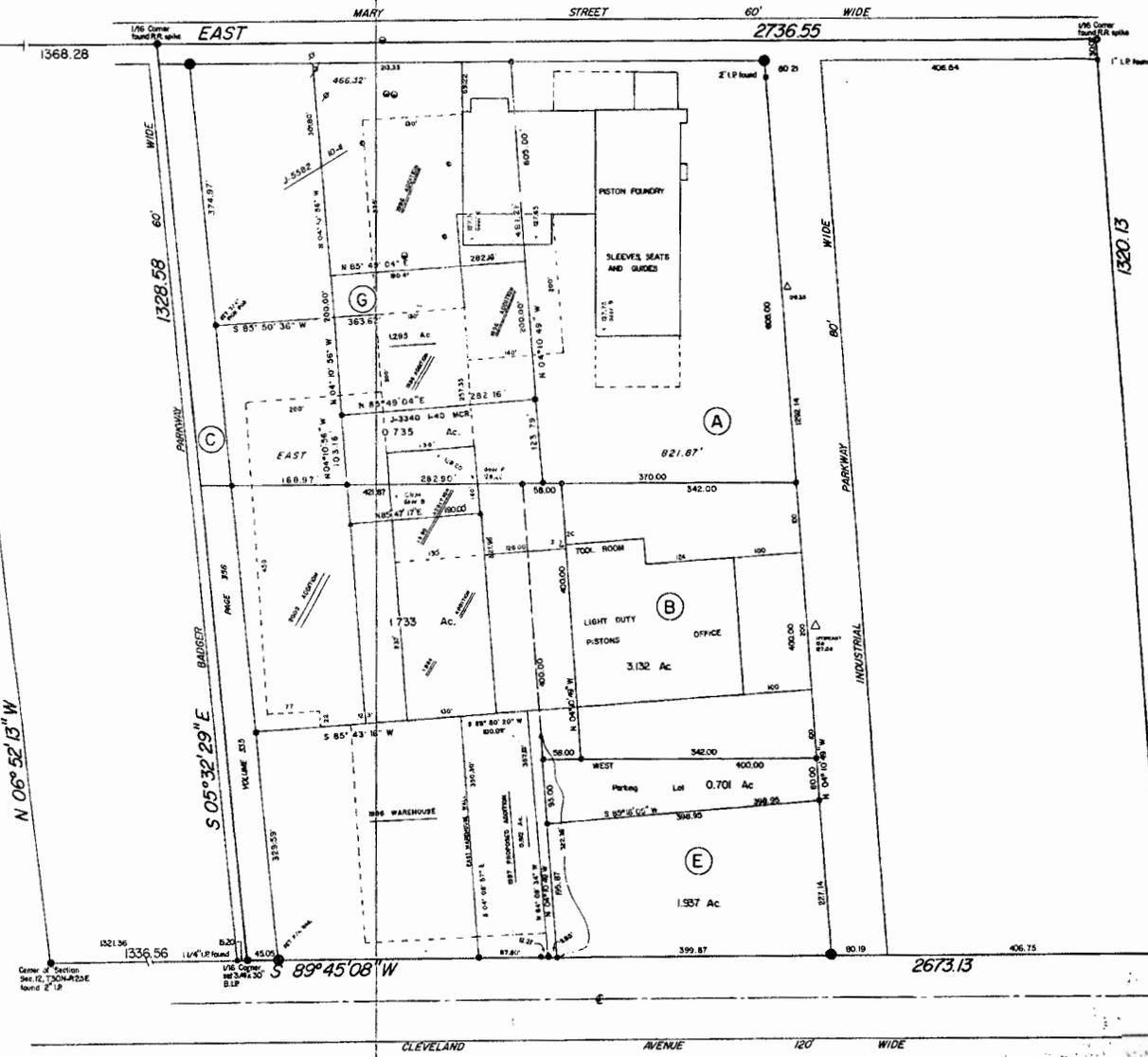


**DATE**

NOVEMBER 17, 1978  
 REVISED 10/19/83  
 REVISED 6/7/90  
 REVISED 6/6/96  
 REVISED 7/8/96  
 REVISED 4/1/98  
 REVISED 5/3/97  
 REVISED 03/10/2002

**LEGEND**

- SECTION CORNER
- URBAN CORNER
- BLOCK CORNER (1/4" x 3/8" B.L.P. (set))
- LOT CORNER (3/4" x 3/8" B.L.P. (set))
- Iron Pipe (found)
- ▲ LOT CORNER (1" x 3/8" B.L.P. (set))
- LOT CORNER (3/4" x 3/8" IRON ROD SET)
- ▲ CITY OF MARINETTE BENCHMARK (MARISETTE DATUM)  
 (FIRE HYDRANTS SOUTHWEST BOLT IN TOP FLANGE)
- ▲ GRAZELED 4" x 4" CONCRETE FLOOR IN CENTER  
 OF ROOM (ELEVATION SHOWN)
- ▲ PROPOSED BUILDING ADDITIONS
- GROUND WATER MONITORING WELL
- POWER POLE
- MAN HOLE



COUNTY SURVEYOR  
**RECEIVED**  
 JUN 11 2002  
 MARINETTE COUNTY  
 BY *[Signature]*

PART OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4, SECTION 12			
T 30 N R 23 E			
MARINETTE COUNTY WISCONSIN			
MONAY, H. W.	NOV 17 1978	SAFEGUARD INDUSTRIES	7264/17
PURCHASE ORDER NO. EPHOTO-505		7264/17	



Legal Description of  
Karl Schmidt Unisia, Inc.  
1731 Industrial Parkway  
Marinette, Wisconsin 54143

That part of the South-East Quarter of the North-East Quarter (SE1/4-NE1/4) of Section 12, Township 38 North, Range 23 East, described as: Beginning on the South line of Mary Street at a point along said line 486.75 feet West of the East line of said forty; thence South, parallel to said East line, 685 feet; thence West, parallel to the South line of Mary Street, 378 feet; thence North, parallel to the East line of said forty, 685 feet to the South line of Mary Street; thence East, on said South line, 378 feet to the point of beginning; situate in the County of Marinette and State of Wisconsin.

JKT 3394 M22

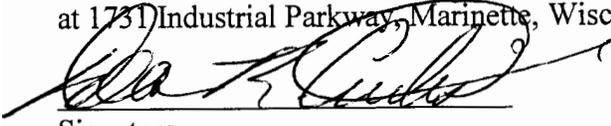
Parcel #2

That part of the South-East Quarter of the North-East Quarter (SE1/4-NE1/4) of Section 12, Township 38 North, Range 23 East, described as: Commencing at the East 1/4 corner of said section; thence South 89 Degrees 45 Minutes 08 Seconds West along the East-West Quarter line of said section and along the North line of Cleveland Avenue, 1291.52 feet to the East line of Badger Parkway; thence North 85 Degrees 32 Minutes 29 Seconds West along the East line of Badger Parkway, 692.89 feet to the PLACE OF BEGINNING of the lands hereon described; thence continue North 85 Degrees 32 Minutes 29 Seconds West along the East line of Badger Parkway, 686.22 feet to the South line of Mary Street; thence East along the South line of Mary Street, 466.32 feet to the Northwest corner of parcel described in Volume 485, page 869, Marinette County Records; thence South 84 Degrees 18 Minutes 49 Seconds East along the West line of said parcel 685.88 feet to the Southwest corner of said parcel; thence West 451.87 feet to the place of beginning; situate in the City of Marinette, Marinette County, Wisconsin.

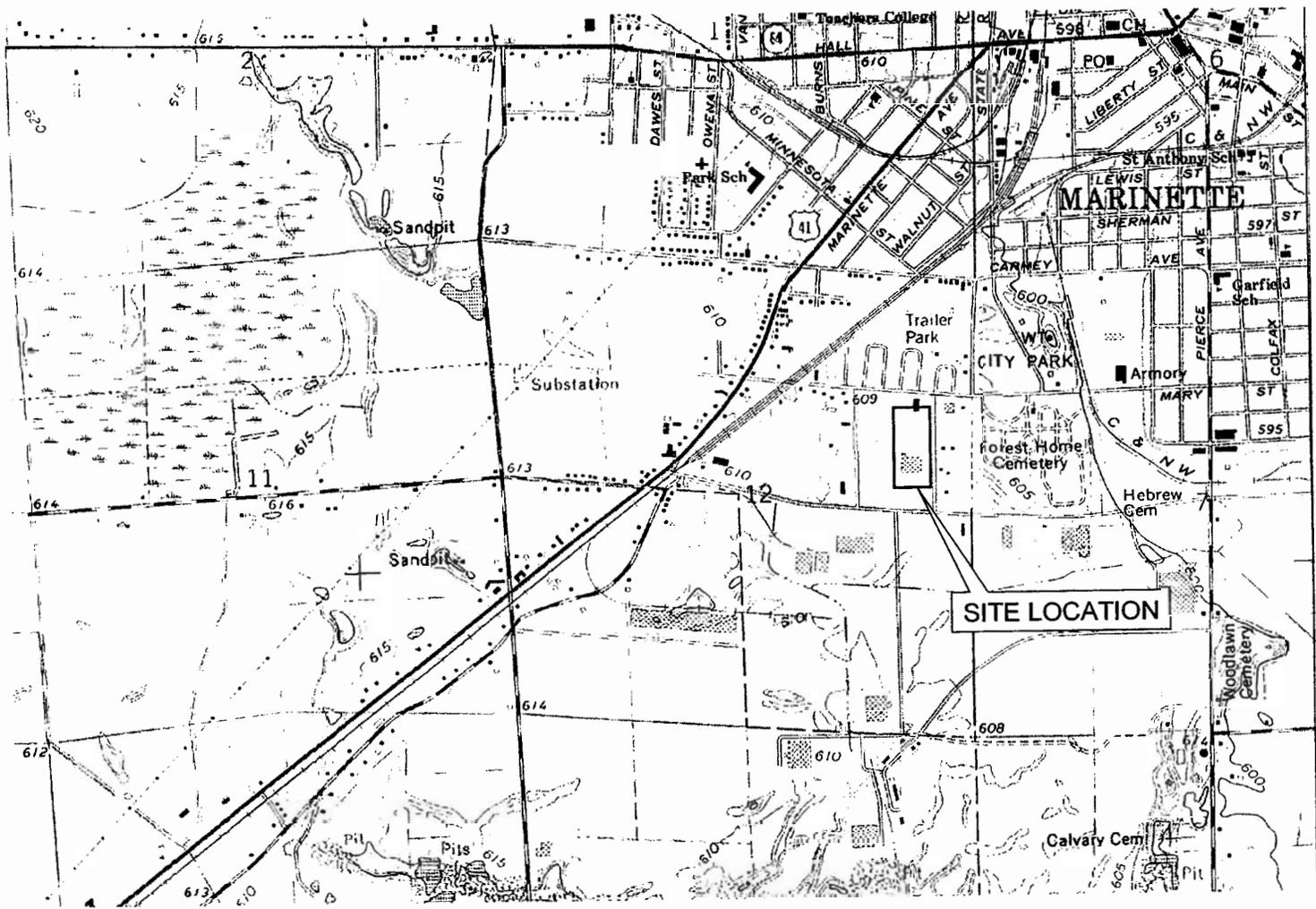
EXCEPTING THEREFROM THAT PART THEREOF DESCRIBED AS: That part of the South-East Quarter of the North-East Quarter (SE NE) of Section 12, Township 38 North, Range 23 East, described as: Commencing at the East 1/4 corner of said Section; thence South 89 Degrees 45 Minutes 08 Seconds West, on the East-West 1/4 line of said section and the North line of Cleveland Avenue, 486.94 feet, to the West line of Industrial Parkway; thence North 84 Degrees 18 Minutes 49 Seconds West, on the West line of said Industrial Parkway, 687.14 feet, to the Southeast corner of the premises described in Volume 485 Deeds page 869 Document #368637 MCR; thence West, on the South line of the premises described in said Volume 485 Deeds page 869 Document #368637 MCR, a distance of 378.88 feet to the Southeast corner of the premises described in Jacket 579 Images 47-48, Document #414278 MCR, at the POINT OF BEGINNING OF THIS EXCEPTED PARCEL; thence continuing West, on the South line of the premises described in said Jacket 579 Images 47-48, Document #414278 MCR, a distance of 282.98 feet; thence North 84 Degrees 18 Minutes 56 Seconds West, 193.16 feet; thence North 85 Degrees 49 Minutes 54 Seconds East, 282.16 feet to the East line of the premises described in said Jacket 579 Images 47-48, Document #414278 MCR; thence South 84 Degrees 18 Minutes 49 Seconds East, on the East line of the premises described in said Jacket 579 Images 47-48, Document #414278 MCR and the West line of the premises described in said Volume 485 Deeds page 869 Document #368637 MCR, a distance of 123.79 feet, to the point of beginning of this excepted parcel; situate in the City of Marinette, Marinette County, Wisconsin.

Being a portion of parcel #251-89548.000

I hereby attest to the best of my knowledge that the above legal description describes the property at 1731 Industrial Parkway, Marinette, Wisconsin, BRRTs 02-38-523980.

  
Signature  
3/22/05  
Date

Dean R. Curtis  
Printed Name

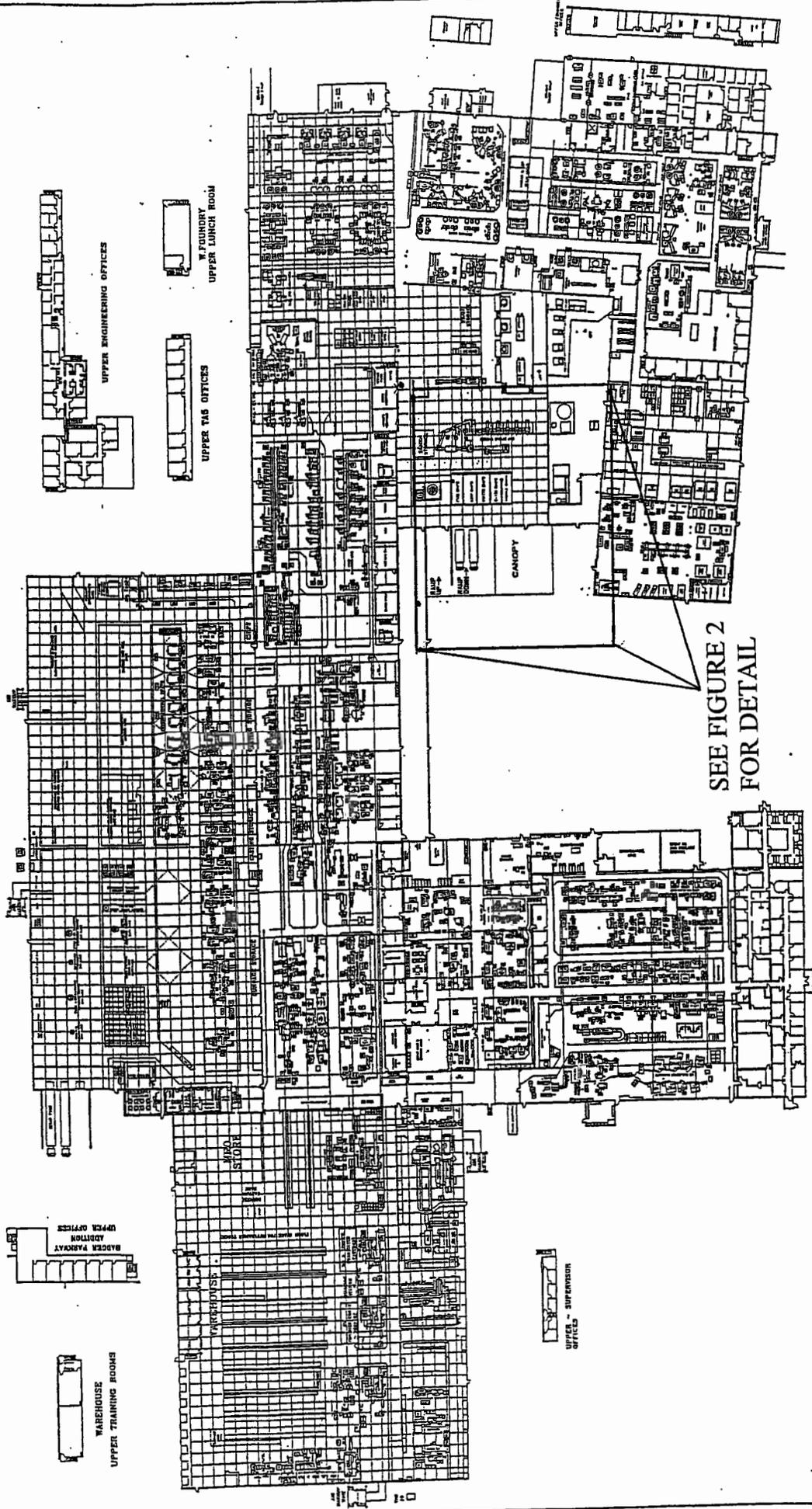


1" = 2000'  
 USGS 1963 Photorevised 1976  
 MARINETTE WEST, WI 7.5' QUADRANGLE

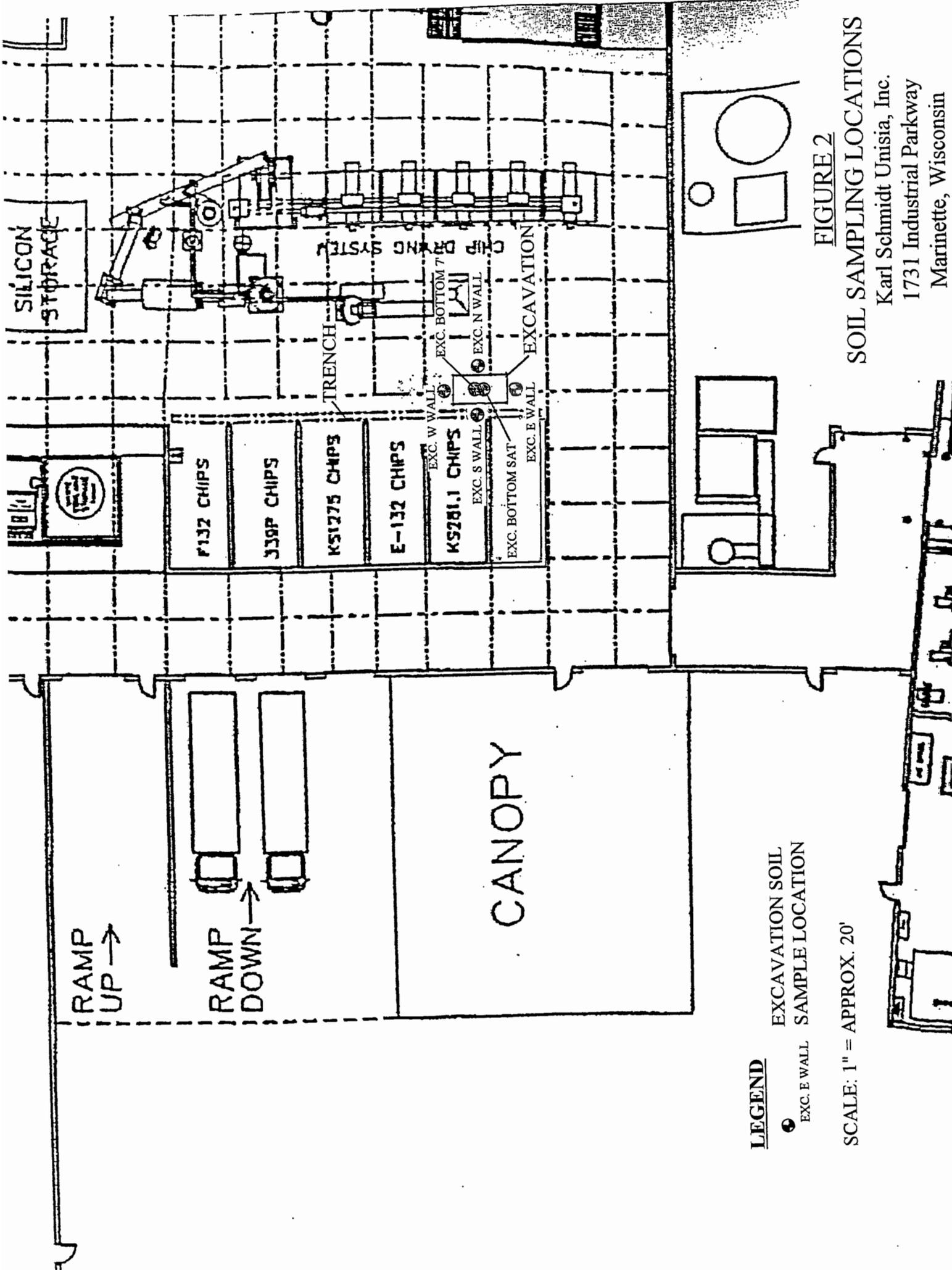
KARL SCHMIDT UNISIA INC., MARINETTE, WI	
FIGURE 1A SITE LOCATION MAP	
FEBRUARY 2005	Drawn by RLP
Environmental Compliance Consultants, Inc.	

# PISTON FOUNDRY AND MACHINING FACILITIES

KARL SCHMIDT UNISIA INC.  
MARINETTE, WISCONSIN USA



**FIGURE 1**  
**SITE LAYOUT**  
Karl Schmidt Unisia, Inc.  
1731 Industrial Parkway  
Marinette, Wisconsin



RAMP  
UP →

RAMP  
DOWN →

SILICON  
STORAGE

F132 CHIPS

339P CHIPS

KS1275 CHIPS

E-132 CHIPS

KS281.1 CHIPS

CANOPY

TRENCH

EXC. W WALL

EXC. BOTTOM 7'

EXC. S WALL

EXC. N WALL

EXC. BOTTOM SAT

EXC. E WALL

EXCAVATION

**LEGEND**

- EXCAVATION SOIL
- SAMPLE LOCATION

SCALE: 1" = APPROX. 20'

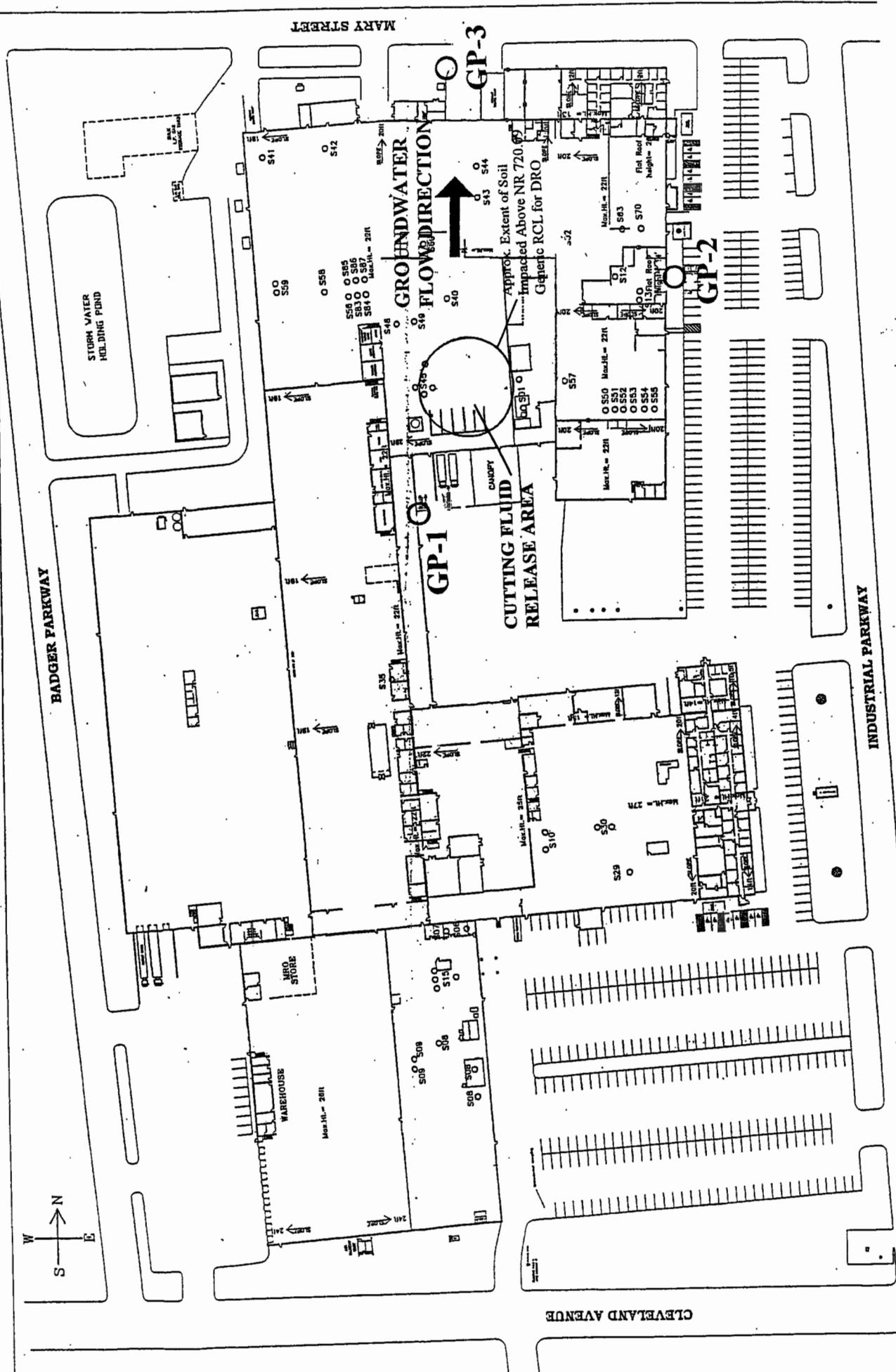
**FIGURE 2**

**SOIL SAMPLING LOCATIONS**

Karl Schmidt Unisia, Inc.  
1731 Industrial Parkway  
Marinette, Wisconsin

# PISTON FOUNDRY AND MACHINING FACILITIES.

KARL SCHMIDT UNISIA INC.  
MARINETTE, WISCONSIN USA



## FIGURE 3

Well/Boring Locations & Extent of Impact

### LEGEND

- Location of Soil Boring/Temp Well

Scale: 1"=Approx 150'

**Table 3**  
**Groundwater Sampling Analytical Results - October 25, 2004**  
**Cutting Fluid Release Site Assessment**  
**Karl Schmidt Unisia, Inc.**

<i>Sample ID</i>	<i>Mineral Oil (DRO) Conc. (mg/L)</i>	<i>Comments</i>
GP-1-W	1.0	
GP-2-W	<0.63	
GP-2-WD	<0.63	Duplicate @ GP-2
GP-3-W	<0.63	
NR 140 PAL	NE	
NR 140 ES	NE	

< = no detection at or above the limit of detection shown

PAL = Preventative Action Limit

ES = Enforcement Standard

NE = Groundwater standard is not established for this parameter.

**Table 1**  
**Soil Sampling Analytical Results - May 13, 2004**  
**Cutting Fluid Release Remedial Excavation**  
**Karl Schmidt Unisia, Inc.**

<i>Sample ID</i>	<i>Sample Depth (ft)</i>	<i>Mineral Oil (DRO) Conc. (mg/kg)</i>	<i>Comments</i>
Exc. N Wall	3.5-4.0	<b>2,600</b>	sidewall, fine sand
Exc. E Wall	3.5-4.0	<b>1,900</b>	sidewall, fine sand
Exc. S Wall	3.5-4.0	<b>5,500</b>	sidewall, fine sand
Exc. W Wall	3.5-4.0	<b>6,500</b>	sidewall, fine sand
Exc. Bottom 7'	7.0	<b>870</b>	bottom, unsaturated, fine sand
Exc. Bottom Sat.	8.0	<b>1,700</b>	bottom, saturated, fine sand
Backfill	soil pile	<20	clean backfill, fine sand
NR 720.09 Soil Generic RCL for the protection of GW		100	for permeable soils

**Bold** indicates that soil concentration exceeds the NR 720.09 generic RCL for GW protection.  
 < = no detection at or above the limit of detection shown

**Table 2**  
**Soil Boring Sampling Analytical Results - October 25, 2004**  
**Cutting Fluid Release Site Assessment**  
**Karl Schmidt Unisia, Inc.**

<i>Sample ID</i>	<i>Sample Depth (ft)</i>	<i>Mineral Oil Conc. (mg/kg)</i>	<i>Comments</i>
GP-1-2	2 - 4	<21	fine sand
GP-1-3	4 - 6	70	fine sand, wet @ 5.7'
GP-2-2	2 - 4	79	fine sand
GP-2-3	4 - 6	35	fine sand
GP-3-3	4 - 6	<21	fine sand, wet @ 5.8'
NR 720.09 Soil Generic RCL for the protection of GW		100	for permeable soils

**Bold** indicates that soil concentration exceeds the NR 720.09 generic RCL for GW protection.  
 < = no detection at or above the limit of detection shown