

**Source Property Information**

**BRRTS #:**

**ACTIVITY NAME:**

**PROPERTY ADDRESS:**

**MUNICIPALITY:**

**PARCEL ID #:**

**CLOSURE DATE:**

**FID #:**

**DATCP #:**

**COMM #:**

**\*WTM COORDINATES:**

X:  Y:

*\* Coordinates are in  
WTM83, NAD83 (1991)*

**WTM COORDINATES REPRESENT:**

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

**Please check as appropriate:** (BRRTS Action Code)

**Contaminated Media:**

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

Soil Contamination > \*RCL or \*\*SSRCL  
or Direct Contact > 4 ft (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

**Land Use Controls:**

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between residential and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for  
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

**Monitoring wells properly abandoned? (234)**

- Yes
- No

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-37-000525 PARCEL ID #: 07629073310996

ACTIVITY NAME: Wausau Steel Plant Yard WTM COORDINATES: X: 545652 Y: 497690

**CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*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.*
- Certified Survey Map:** A copy of the certified survey 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. lot 2 of xyz subdivision)).  
**Figure #:**                      **Title: Certified Survey Map**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

**MAPS** (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #: 1-1**                      **Title: Site Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to 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 a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 1**                      **Title: Existing Conditions**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 11 total**                      **Title: Lead Isoconcentration Maps, Soil Total Lead, PCB Sampling Areas, Soil VOC, Soil PCB & PAH**

BRRTS #: 02-37-000525

ACTIVITY NAME: Wausau Steel Plant Yard

**MAPS (continued)**

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #:**                      **Title:**

**Figure #:**                      **Title:**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** This is intended to show the total area of contaminated groundwater.

**Figure #: 3-5                      Title: Groundwater Sampling Results**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #: 2                      Title: Water Table Map**

**Figure #:**                      **Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 1, 3.1-3.4, 4                      Title: Soil Lead, Cadmium, Antimony, PCBs, VOCs, DRO, and GRO Analytical Results**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: 2, 3, 5, E-1                      Title: Summary of Groundwater Analytical Results**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #:**                      **Title:**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

**Figure #:**                      **Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-37-000525

ACTIVITY NAME: Wausau Steel Plant Yard

## NOTIFICATIONS

### Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.  
*Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*  
**Number of "Off-Source" Letters:**
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.  
*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.*
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).  
**Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1**



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Scott Humrickhouse, Regional Director

Wausau Office  
5301 Rib Mountain Drive  
Wausau, Wisconsin 54401  
Telephone 715-359-4522  
FAX 715-355-5253  
TTY Access via relay - 711

September 10, 2008

**BRRTS #02-37-000525**

MR PETER WALLACH  
WAUSAU STEEL CORPORATION  
PO BOX 329  
WAUSAU WI 54402-0329

Subject: Final Closure, Wausau Steel Corporation Plant Yard Site, 2900 Sherman Street, Town of Stettin, Wisconsin

Dear Mr. Wallach:

On January 10, 2008, the Wisconsin Department of Natural Resources (Department) reviewed your case of the site described above for closure. The Department reviews environmental cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On January 18, 2008, you were notified that the Closure Committee had granted conditional closure to this case.

On August 4, 2008, the Department received the monitoring well abandonment forms and on August 25, 2008, we received the final version of the maintenance and operation plan. Based on these submittals you have complied with the requirements of closure. Therefore, 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.**

### GIS Registry

The conditions of case closure set out below require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to the barrier.
- Before the land use could be changed from industrial to non-industrial, additional environmental work must be completed.

Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry and you intend to construct or reconstruct a well, you will need 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://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above.

### Closure Conditions

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 Wis. Stats. To ensure compliance with the specified requirements, limitation or other conditions related to

the property, 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.**

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis Stats., the pavement, building and soil cover that currently on the property shall be maintained in compliance with the Revision 2 maintenance plan (dated August 22, 2008) in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil on the property 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 the excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal 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 maintenance plan and inspection logs are to be kept up-to-date and on-site, and inspection log need only be submitted to the Department upon request except for the first three years.

Industrial Residual Soil Standards

Lead contamination in the soil remaining on this property exceeds our non-industrial soil standards in NR 720.11, Table 2 Wis. Adm. Code. Therefore, pursuant to s. 292.12(2), Wis. Stats., the property described above may not be used or developed for residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted to determine the degree and extent of lead contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards.

Prohibited Activities

The following activities are prohibited on the entire property 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 structure.

We appreciate the efforts you have taken to restore the environment at the site. If you have any questions regarding this letter or the closure decision, please call Lisa Gutknecht at 715-359-6514.

Sincerely,

Bill Evans 

Bill Evans  
Remediation & Redevelopment Team Supervisor  
West Central Region

c: Lisa Gutknecht, DNR, Wausau  
Keith Jaeger, Wausau Steel  
Robert Steinwurtzel, Bingham  
Cassie Johnson, RMT Inc.  
Geoffrey Nokes, Canadian National



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Scott Humrickhouse, Regional Director

Wausau Office  
5301 Rib Mountain Drive  
Wausau, Wisconsin 54401  
Telephone 715-359-4522  
FAX 715-355-5253  
TTY Access via relay - 711

January 18, 2008

BRRTS# 02-37-000525

**FILE COPY**

MR PETER WALLACH  
WAUSAU STEEL CORPORATION  
PO BOX 329  
WAUSAU WI 54402-0329

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure, Wausau Steel Corporation Plant Yard Site, 2900 Sherman Street, Town of Stettin, Wisconsin

Dear Mr. Wallach:

On January 10, 2008, the Wisconsin Department of Natural Resources (Department) reviewed your request for closure of the case described above. The Department reviews environmental 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 West Central Regional Closure Committee has determined that the lead and volatile organic compounds contamination on the site appears to have been investigated and capped to the extent practicable under site conditions. Your case meets the requirements of ch. NR726, Wisconsin Administrative Code and will be closed if the following condition is satisfied.

### **Site Specific Maintenance Plan**

Since this is a complex site, a revised maintenance plan must be submitted that provides sufficient detail to allow any employee to carryout specific tasks identified in the plan and/or to identify the employees who are responsible for maintaining the cap. The cap must be inspected on a bi-annual basis. For the first three years after the site is closed, these inspection reports must be submitted to the Department. Please submit a draft plan for our review.

When the above condition has been satisfied, please submit the appropriate documentation to verify that applicable condition has been met, and your case will be closed. 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 site on the GIS Registry web page, visit <http://maps.dnr.state.wi.us/brrts>.

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.

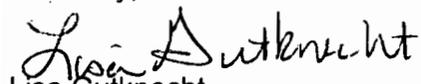
Mr. Peter Wallach  
Wausau Steel Corporation

January 18, 2008

2

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 359-6514.

Sincerely,



Lisa Gutknecht  
Remediation & Redevelopment Program

c: Bill Evans, Eau Claire  
Cassie Johnson, RMT Inc.  
Robert Steinwurtzel, Bingham



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Matthew J. Frank, Secretary

101 S. Webster St.  
Box 7921  
Madison, Wisconsin 53707-7921  
Telephone 608-266-2621  
FAX 608-267-3579  
TTY Access via relay - 711

November 24, 2008

Mr. Peter Wallach  
Wausau Steel Corporation  
P.O. Box 329  
Wausau, WI 54402-0329

Casetrack #: 1994-NCEE-118

**SUBJECT: Close Out of Consent Order # NCD-94-001**

Dear Mr. Wallach:

On September 5, 1995, the Department and Wausau Steel Corporation entered into Consent Order # NCD-94-001, which required remediation work to be performed at the Wausau Steel Corporation Plant Yard Site located at 2900 Sherman Street, Town of Stettin, Marathon County.

In brief, the order required Wausau Steel Corporation to investigate and remediate, as appropriate, soils contaminated with lead, DRO, GRO, PCB's, and/or VOC's around the "plant yard area". Wausau Steel performed the tasks as required and on January 18, 2008 Wausau Steel received conditional closure through the Department's Regional Remediation Closure Committee. In August 2008 the Department received the monitoring well abandonment forms and the final version of the maintenance and operation plan thereby completing the immediate tasks necessary for remedial case closure. You have already been provided the conditional closure letter from the Remediation program and the conditions to which you must adhere. Failure to comply with those conditions may be grounds for a new enforcement action under s. 292.11, Wis. Stats.

Wausau Steel has requested closure of Consent Order # NCD-94-001. The Department believes you have met all of the conditions set forth in this Consent Order and we are closing our file on matters related to this Order.

If you have questions, please contact Ginger Hooper, Environmental Enforcement Specialist, West Central Region, Eau Claire at 715-839-3752.

Sincerely,

Steven L. Sisbach, Section Chief  
Environmental Enforcement & Emergency Management  
Bureau of Law Enforcement

c: Lisa Gutknecht- DNR/Wausau Service Center  
Ginger Hooper – DNR/ WCR Eau Claire Service Center  
Deb Johnson – LS/8  
Mark Giesfeldt – RR/5

State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
Wausau Service Center  
5301 Rib Mountain Drive  
Wausau WI 54401

Scott Walker, Governor  
Cathy Stepp, Secretary  
Telephone 608-266-2621  
Toll Free 1-888-936-7463  
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July 26, 2012

BRRTS# 02-37-000525

Mr. Keith Jaeger  
Wausau Scrap and Recycling  
P.O. Box 329  
Wausau, WI 54402-0329

Subject: Cap Modification, Wausau Steel Plant Yard, 2900 Sherman Road,  
Wausau, Wisconsin

Dear Mr. Jaeger:

On July 13, 2012, Mr. Tom Stolzenburg of TRC contacted me regarding a modification to your cap. The cap was required as a condition of the site closure in 2008. Certain changes to the cap are prohibited unless you have prior approval from the Department. In Mr. Stolzenburg's July 13, 2012 submittal, he was requesting approval to modify a portion of the cap located directly east of the warehouse. The change would be from crushed granite to asphalt. The contaminated materials below the cap would not be disturbed.

I concur with the proposed changes and you may proceed with the cap change. Please take "before and after" photos of the area to document the change and keep those photos in your cap inspection file. You must provide the contractor with a copy of the maintenance plan. Both you and the contractor should follow the procedures outlined on page 5 of your maintenance plan as they pertain to this project. After you complete the project, you must modify the first figure in your maintenance plan and provide a copy of the modified figure to the Department. The modified figure should also be added to your copy of the maintenance plan.

Once I receive the above information, I will add it to the GIS Registry to document the changes to your cap. You can view these changes by visiting the following web site and clicking "RR Sites Map"  
<http://dnr.wi.gov/topic/Brownfields/clean.html>.

If you have any questions, regarding this letter, please contact me at 715-359-6514.

Sincerely,

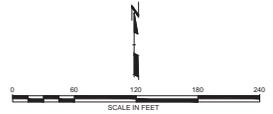
Lisa Gutknecht  
Remediation & Redevelopment Program

c: Bill Evans, WDNR-Eau Claire (e-copy)  
Tom Stolzenburg, TRC (e-copy)



LEGEND	
	APPROXIMATE RAILROAD RIGHT OF WAY
	EXISTING RAILROAD
	EXISTING FENCE
	STORMWATER CULVERT
	ROAD AREAS
	EXISTING BRUSH OR TREES
	EXISTING PINE TREE
	WATER SUPPLY WELL (APPROXIMATE LOCATION)
	REVISED SLOPES, CONSTRUCTED AS PART OF RAP
	AREA NOT REQUIRED TO HAVE COVER PLACED TO MEET REQUIREMENTS OF REMEDIAL ACTION PLAN (RAP), BUT HAD 4-INCHES TO 12-INCHES OF GRAVEL PLACED DURING THIS CONSTRUCTION PER WAUSAU STEEL'S REQUEST
	AREA WHERE 12-INCHES OF GRAVEL PLACED TO MEET REQUIREMENTS OF THE RAP
	AREA WHERE 6-INCHES OF GRAVEL PLACED TO MEET REQUIREMENTS OF THE RAP
	AREA WHERE GEOTEXTILE WAS PLACED UNDER THE COVER TO MEET THE REQUIREMENTS OF THE RAP
	AREA WHERE 6-INCHES OF TOPSOIL WAS PLACED TO MEET THE REQUIREMENTS OF THE RAP
	EXISTING ASPHALT THAT HAD NEW SEAL COATING APPLIED
	AREA WHERE 3-INCHES OF NEW ASPHALT WAS INSTALLED IN 2012

- NOTES**
1. BASE MAP PREPARED FROM GROUND SURVEY PERFORMED BY JENKINS SURVEY AND DESIGN, DATE OF SURVEY APRIL 5 AND 6, 2005. ELEVATIONS BASED ON CITY OF WAUSAU DATUM (NOV09).
  2. LOCATIONS OF FORMER AND EXISTING CULVERTS IN THE AREA NEAR THE INACTIVE BATTERY RECLAMATION BUILDING OBTAINED FROM RC1, 1994.
  3. THE LOCATIONS OF CULVERTS AND DITCH LINES LOCATED TO THE NORTHWEST OF WAUSAU STEEL PROPERTY WERE OBTAINED FROM WAUSAU STEEL AND ARE APPROXIMATE.
  4. THE RAILROAD RIGHT OF WAY LINES WERE LOCATED BASED ON DISCUSSIONS WITH WAUSAU STEEL.



3			
2			
1			
NO.	BY	DATE	REVISION
			APP'D.
PROJECT: <b>WAUSAU STEEL CORPORATION REMEDIAL CONFIRMATION REPORT</b>			
SHEET TITLE: <b>AS-BUILT COVER, AS-BUILT SLOPES, AND LOCATIONS OF DOCUMENTATION POINTS</b>			
DRAWN BY:	DATE:	SCALE:	PROJ. NO. 003785.0000
CHECKED BY:	AS SHOWN	FILE NO. cover_locations.dwg	
APPROVED BY:	DATE PRINTED:		
DATE: OCTOBER 2012		<b>SHEET 2 OF 3</b>	
		708 Heartland Trail Suite 3000 Madison, WI 53717 Phone: 608.826.3800	



Letter of Transmittal

RMT, Inc.
744 Heartland Trail (53717-1982)
PO Box 8923 (53708-8923)
Madison, WI
Tel. (608) 831-4444 • Fax (608) 831-3334

REC'D AUG 25 2008

To: Lisa Gutknecht
Project Manager
Wisconsin Department of Natural Resources
5301 Rib Mountain Drive
Wausau, WI 54401
Date: 8/22/08
Project No.: 3929.37
Subject: Revision 2 - Cover Inspection and Maintenance Plan, Wausau Steel Plant Yard (WDNR BRRTS No. 02-37-000525)

Prepared By: Cassie R. Johnson, P.E. Title Project Manager

Signature: Cassie R. Johnson rnk

We are sending you:

Table with 4 columns: COPIES, DATE, NO., DESCRIPTION. Contains 3 rows of document details.

These items are transmitted as checked below: [X] Approval as submitted

Remarks:

Lisa,

I have enclosed the final version of the Cover Inspection and Maintenance Plan (Revision 2) for the Wausau Steel plant yard site and the accompanying site map and inspection form. A copy of this Plan has also been submitted to the Wisconsin Central, Ltd., railroad. Submittal of this Plan meets the requirement for submittal of a site-specific maintenance plan, as described in the January 18, 2008, conditional closure letter for this site. Therefore, Wausau Steel requests that the WDNR issue a final closure determination at this time. Upon receipt of the closure determination, Wausau Steel will seek termination of the Consent Order.

Please contact me if you have any questions (608.662.5221 or cassie.johnson@rmtinc.com).

Thanks,

Cassie

- cc: Duane Ninnemann - Wausau Steel Corporation
Keith Jaeger - Wausau Steel Corporation
Robert Steinwurtzel - Bingham McCutchen
Tom Stolzenburg - RMT

**Revision 2 (August 22, 2008)**  
**Cover Inspection and Maintenance Plan**

**Wausau Steel Corporation**  
**2900 West Sherman Street**  
**Wausau, WI 54402**  
**WDNR BRRTS No. 02-37-000525**

This Cover Inspection and Maintenance Plan is applicable to the Wausau Steel Corporation (Wausau Steel) plant yard site, which is composed of the 15-acre parcel of land that is owned by Wausau Steel (i.e., the plant yard property) and the 2.5-acre railroad right-of-way adjacent to the main Canadian National Railroad line (i.e., the railroad property) (see site figure in Attachment 1). The remaining 1.4 acres of the original plant yard site were sold to the Wisconsin Department of Transportation (WisDOT) in 2007, at which time the WisDOT assumed responsibility for the remediation of that parcel.

The cover, which is the subject of this Cover Inspection and Maintenance Plan, was approved by the Wisconsin Department of Natural Resources (WDNR) as the remedy for lead- and polychlorinated biphenyl (PCB)-impacted soil located primarily between 0 and 2 feet below ground surface (bgs) at this site; therefore, the cover must be maintained in those areas that were addressed as part of the Remedial Action Plan (see site figure in Attachment 1). The materials and thicknesses that compose the cover were designed and constructed based on a review of the activities performed in each area, and depending on these activities, include 4 to 12 inches of gravel, 6 inches of vegetated topsoil, or asphalt pavement. In two areas of the site, the Primary Sorting Area and the Battery Casings Area, a geotextile was placed beneath the cover (see site figure in Attachment 1).

A copy of this Cover Inspection and Maintenance Plan will at all times be kept on file in the offices of (1) the WDNR and its successor and assigns (i.e., the Department); (2) the owner of the plant yard property, its successors and assigns; (3) the Property Manager, if any; and (4) the plant yard property. In addition, Wausau Steel will make this Cover Inspection and Maintenance Plan available to contractors, utilities, and maintenance personnel, and any other public or private persons or entities authorized to perform work involving excavation on the plant yard property (see Prohibited Activities below).

Prior to the performance of any prohibited activity on the plant yard property, as defined in this Cover Inspection and Maintenance Plan, the Department will be notified by Wausau Steel. Wausau Steel must receive approval from the Department before performing any prohibited activity. The Department will not unreasonably withhold approval of the activity.

**Site Inspection and Maintenance Procedures**

A site inspection will be performed at least twice per year by Wausau Steel personnel, which will include visual observation and documentation of the condition of the cover placed as part of the WDNR-approved Remedial Action Plan, as well as the condition of the cover that has been placed by Wausau Steel on roadways at the site and the vegetated areas located immediately adjacent to the Canadian National Railroad. The cover types and locations are depicted on the site figure in Attachment 1.

Repairs will be conducted, as necessary, and will be performed within a reasonable period of time. Wausau Steel will retain records of inspection and repair in their company files for the most recent 5 years. These records will include a copy of an Inspection and Maintenance Form (Attachment 2), which Wausau Steel personnel will complete for each inspection and repair activity. For the first 3 years after this case is closed by the WDNR (i.e., 2009 through 2011), a copy of each completed Inspection and Maintenance Form will also be submitted to the Department.

Specific inspection criteria and maintenance procedures will include the following, depending on the cover type:

■ **Vegetated topsoil, crushed granite, or gravel**

- **Inspection criteria** - The cover, roadways, and vegetated areas adjacent to the Canadian National Railroad will be inspected for evidence of damage or erosion (see site figure in Attachment 1). During the inspection, the areas will either be determined to be "OK" (i.e., needing no repair) or "Repair Needed." This determination will be noted on the Cover Inspection and Maintenance Form (Attachment 2).

In areas of vegetated topsoil, signs of damage will include an area of observed soil erosion, which may also include a disturbed surface or a lack of vegetation. If such signs are observed, the area will be designated as "Repair Needed" on the form. If no such signs are observed (i.e., if vegetation is intact and there is no evidence of significant soil disturbance), the area will be designated as "OK."

In areas of crushed granite or gravel, signs of damage will include a lack of the cover type that was originally placed or the presence of significant ruts caused by equipment or traffic on the site. In areas where geotextile was placed below the cover material, a visible observation of the geotextile will provide a further indication of damage to the cover that will require repair. If such signs are observed, the area will be designated as "Repair Needed" on the form. If no such signs are observed (i.e., if the original cover material is visually present, no significant ruts are observed, and the geotextile is not evident), the area will be designated as "OK."

- **Site maintenance (cover placed as part of Remedial Action Plan and for roadways at the site)** - In areas where the cover or roadway has been damaged or has eroded, the following steps will be taken:
  1. Grading will be minimized, to the extent practicable, so as not to reduce the thickness of the site cover.
  2. Additional clean topsoil, crushed granite, or gravel, as appropriate, will be placed to bring the elevation of the area back to the elevation of the surrounding intact cover or roadway.
  3. Areas of topsoil repair will be promptly reseeded.
  4. If damage to geotextile is observed, new geotextile will be placed over the damaged area, with a sufficient overlap on the surrounding intact geotextile, before proceeding with cover repair.

Site vegetation will be mowed periodically during the growing season to minimize the growth of unwanted vegetation. Vegetation that poses a potential threat to the integrity of the cover, such as deep-rooted shrubs, will be removed.

- **Site maintenance (vegetated areas adjacent to the Canadian National Railroad)** - If substantial erosion or damage (*i.e.*, lack of vegetation) is observed in an area that did not receive clean cover (*e.g.*, vegetated areas adjacent to the Canadian National Railroad [see site figure in Attachment 1]), the area will be reseeded.

## ■ Asphalt

- **Inspection criteria** - The pavement near the vehicle maintenance building on the western edge of the site, as well as the pavement near the office/scale house and warehouse, will be inspected for significant cracks, gaps, holes, or other defects that would potentially allow significant human direct contact or significant storm water contact with the underlying soil (see site figure in Attachment 1). During the inspection, the pavement will either be determined to be "OK" (*i.e.*, needing no repair) or "Repair Needed." This determination will be noted on the Cover Inspection and Maintenance Form (Attachment 2), and an additional note will be added on the form to characterize the condition of the pavement as excellent, good, fair, poor, or failed. The definitions of these conditions are as follows (adapted from UW Madison, 2002):
  - **"OK"** = surface rating of excellent or good.
    - **Excellent** – no cracks or distress is visible.
    - **Good** – cracks are present but sealed, or open cracks are present at wide spacing (greater than 40 feet) and are open ¼ inch or less.
  - **"Repair needed"** = surface rating of fair, poor, or failed.
    - **Fair** – Cracks are present at moderate spacing (10 to 40 feet) and are open ½ inch. Some loss of aggregate may be observed, and slight rutting or distortions may be present (½ inch deep or less). Repairs should include crack filling, sealcoating, and/or an overlay.
    - **Poor** – Open cracks are closely spaced, and moderate rutting or distortions are present (1 to 2 inches deep). Open potholes may be present. Repairs should include an overlay or reconstruction.
    - **Failed** – Severe distress with loss of integrity is evident. Total reconstruction is needed.
- **Site maintenance** - If the pavement is designated as "Repair Needed," then it will be repaired in such a way that significant human direct contact or significant storm water contact is minimized. Repair activities may include one or more of, but will not be limited to, the following: caulking, sealing, placing an overlay, or replacing the defective portion of the asphalt.

## Prohibited Activities

Wausau Steel is prohibited from performing the following activities on any portion of the plant yard or railroad properties where vegetated topsoil, crushed granite, gravel, or pavement is required to be maintained as part of the cover (as shown on the site figure in Attachment 1), unless prior written approval has been obtained from the Department: (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.

Based on its operations, Wausau Steel anticipates that the following prohibited activities will be performed at some point in the future:

- **Routine maintenance of the topsoil, crushed granite, and gravel** - Routine maintenance activities will be performed as described above under "Site Inspection and Maintenance Procedures." The Department has already been notified of, and has approved, the performance of these routine site maintenance activities. Therefore, the Department will not require prior notification, or approval, of each individual maintenance activity. However, the maintenance activity must be documented on a Cover Inspection and Maintenance Form (Attachment 2), and the form must be kept on file by Wausau Steel for a period of at least 5 years. In addition, for the first 3 years after this case is closed by the WDNR (i.e., 2009 through 2011), the completed form will be submitted to the Department to provide documentation of the activity.
- **Routine maintenance of the pavement** - The Department has already been notified of, and has approved, the performance of routine repair activities, including patching, caulking, sealing, placing an overlay, or replacing a defective portion of the asphalt. For these activities, the Department will not require prior notification, or approval, of each individual repair activity. If the maintenance activity will include replacing a defective portion of the asphalt and excavating into underlying potentially lead- or PCB-containing soil, Wausau Steel must provide a copy of this Cover Inspection and Maintenance Plan to the contractor performing the work. In this case, the contractor will also be required to meet the following conditions: (1) determine appropriate management of any potentially lead- or PCB-containing soil that is excavated from beneath the pavement; (2) manage the soil in accordance with state and federal regulatory requirements by either placing the soil on the plant yard property beneath at least 6 inches of clean cover, or disposing the soil off-site in accordance with any applicable regulatory requirements; and (3) restore the pavement to a condition that is consistent with the original condition of the pavement, or better. The maintenance activity must be documented on a Cover Inspection and Maintenance Form (Attachment 2), and the form must be kept on file by Wausau Steel for a period of at least 5 years. In addition, for the first 3 years after this case is closed by the WDNR (i.e., 2009 through 2011), the completed form will be submitted to the Department to provide documentation of the activity.

- **Construction or demolition of buildings, structures, or other improvements** - If Wausau Steel plans to construct or demolish a building, structure, or other improvement on the plant yard property, the Department must be notified, and the Department must approve the activity prior to the work being performed. In addition, Wausau Steel must provide a copy of this Cover Inspection and Maintenance Plan to the contractor performing the work. During performance of the work, the contractor will be required to meet the following conditions: (1) determine appropriate management of any potentially lead- or PCB-containing soil or building materials that are excavated; (2) manage the building materials or soil in accordance with state and federal requirements; and (3) restore the construction area to a condition that provides at least the cover thickness that was originally provided. After the work is completed, a memorandum will be prepared describing the work that was performed, identifying the contractor performing the work and the date on which the work was performed, and confirming that this Cover Inspection and Maintenance Plan was followed during performance of the work. A copy of the memorandum will be provided to the Department, and will be kept on file by Wausau Steel for a period of at least 5 years.
  
- **Subsurface utility installation or repair, and subsurface drilling** - If subsurface utility installations or repairs, or subsurface drilling activities, are planned on the plant yard property, the Department must be notified, and the Department must approve the activity prior to the work being performed. In addition, Wausau Steel must provide a copy of this Cover Inspection and Maintenance Plan to the contractor performing the work. During performance of the work, the contractor will be required to meet the following conditions: (1) determine appropriate management of any potentially lead- or PCB-containing soil that is excavated; (2) manage the soil in accordance with state and federal requirements; and (3) restore the area to a condition that provides at least the same Cover thickness that was originally provided. After the work is completed, a memorandum will be prepared describing the work that was performed, identifying the contractor performing the work and the date on which the work was performed, and confirming that this Cover Inspection and Maintenance Plan was followed during performance of the work. A copy of the memorandum will be provided to the Department, and will be kept on file by Wausau Steel for a period of at least 5 years.

## **Contact Information (August 2008)**

Site Contact: Keith Jaeger  
Wausau Steel Corporation  
2900 West Sherman Street  
P.O Box 329  
Wausau, WI 54402-0329  
(715) 845-4286

Consultant: Cassie Johnson, P.E.  
RMT, Inc.  
744 Heartland Trail  
Madison, WI 53717  
(608) 662-5221

Department: Lisa Gutknecht  
Wisconsin Department of Natural Resources  
5301 Rib Mountain Drive  
Wausau, WI 54401  
(715) 359-6514

## **Attachments**

1. Cover Types (i.e., site figure)
2. Cover Inspection and Maintenance Form

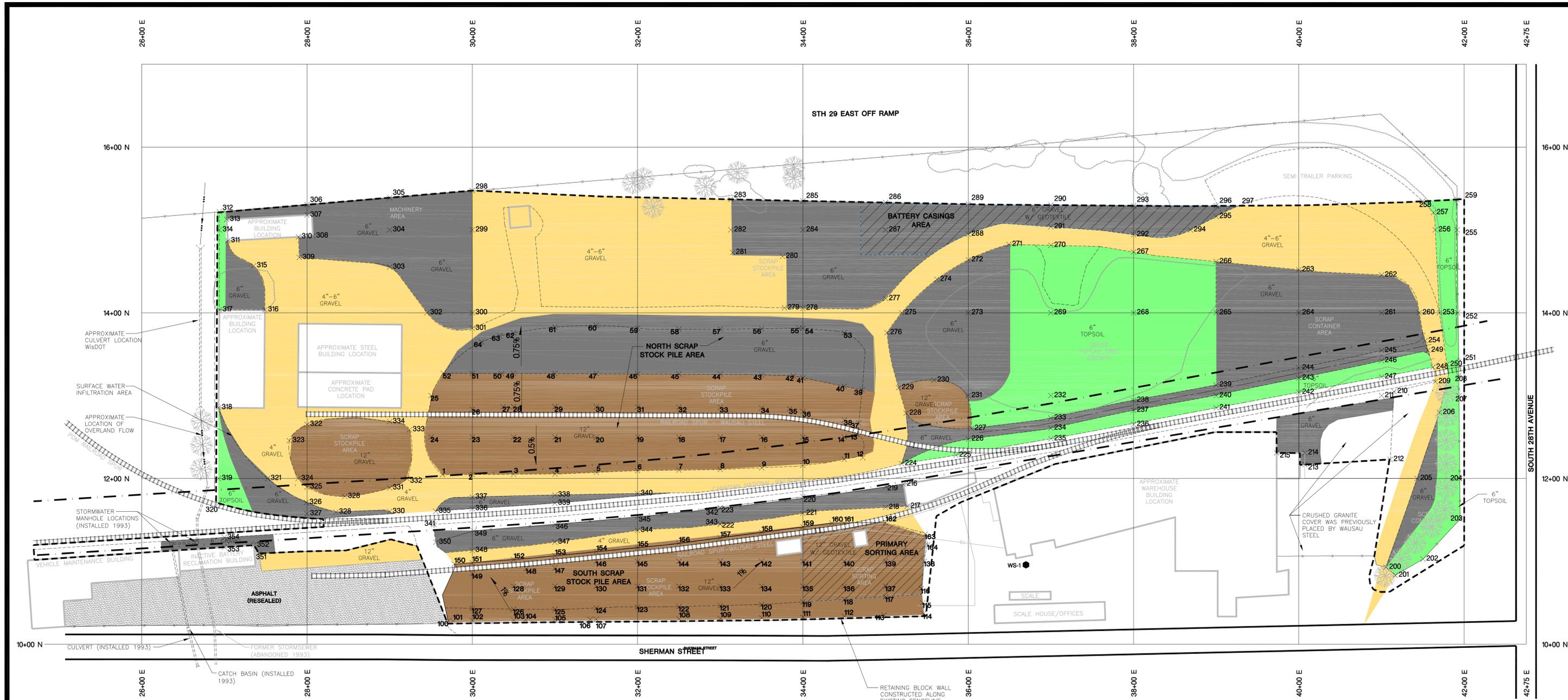
## **References**

UW Madison, 2002. University of Wisconsin – Madison, Transportation Information Center.  
Pavement Surface Evaluation and Rating (PASER) Manual for Asphalt Roads. 2002.

Page 72

**Attachment 1**

**Cover Types (i.e., site figure)**

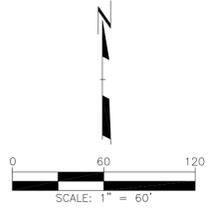


**LEGEND**

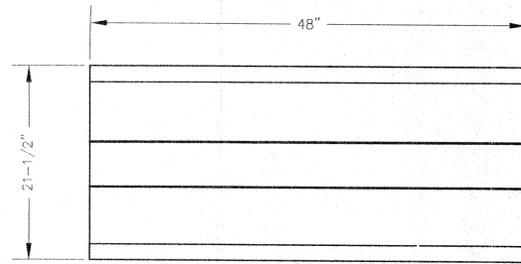
	APPROXIMATE RAILROAD RIGHT OF WAY		AREA NOT REQUIRED TO HAVE COVER PLACED TO MEET REQUIREMENTS OF REMEDIAL ACTION PLAN (RAP), BUT HAD 4-INCHES TO 12-INCHES OF GRAVEL PLACED DURING THIS CONSTRUCTION PER WAUSAU STEEL'S REQUEST
	EXISTING RAILROAD		AREA WHERE 12-INCHES OF GRAVEL PLACED TO MEET REQUIREMENTS OF THE RAP
	EXISTING FENCE		AREA WHERE 6-INCHES OF GRAVEL PLACED TO MEET REQUIREMENTS OF THE RAP
	STORMWATER CULVERT		AREA WHERE GEOTEXTILE WAS PLACED UNDER THE COVER TO MEET THE REQUIREMENTS OF THE RAP
	ROAD AREAS		AREA WHERE 6-INCHES OF TOPSOIL WAS PLACED TO MEET THE REQUIREMENTS OF THE RAP
	EXISTING BRUSH OR TREES		EXISTING ASPHALT THAT HAD NEW SEAL COATING APPLIED
	EXISTING PINE TREE		
	WATER SUPPLY WELL (APPROXIMATE LOCATION)		
	REVISED SLOPES, CONSTRUCTED AS PART OF RAP		

- NOTES**
1. BASE MAP PREPARED FROM GROUND SURVEY PERFORMED BY JENKINS SURVEY AND DESIGN, DATE OF SURVEY APRIL 5 AND 6, 2005. ELEVATIONS BASED ON CITY OF WAUSAU DATUM (NGVD29).
  2. LOCATIONS OF FORMER AND EXISTING CULVERTS IN THE AREA NEAR THE INACTIVE BATTERY RECLAMATION BUILDING OBTAINED FROM RC1, 1994.
  3. THE LOCATIONS OF CULVERTS AND DITCH LINES LOCATED TO THE NORTHWEST OF WAUSAU STEEL PROPERTY WERE OBTAINED FROM WAUSAU STEEL AND ARE APPROXIMATE.
  4. THE RAILROAD RIGHT OF WAY LINES WERE LOCATED BASED ON DISCUSSIONS WITH WAUSAU STEEL.

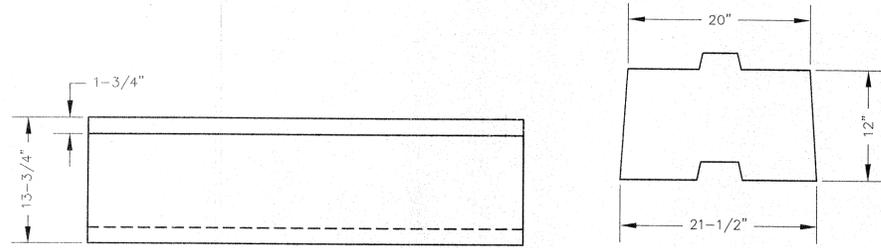
3.					
2.					
1.					
NO.	BY	DATE	REVISION	APP'D.	
PROJECT: <b>WAUSAU STEEL CORPORATION REMEDIAL CONFIRMATION REPORT</b>					
SHEET TITLE: <b>AS-BUILT COVER, AS-BUILT SLOPES, AND LOCATIONS OF DOCUMENTATION POINTS</b>					
DRAWN BY:	FIEBRANT	SCALE:	AS SHOWN	PROJ. NO.	3929.34
CHECKED BY:	DM	DATE PRINTED:		FILE NO.	COVER LOCATIONS.DWG
APPROVED BY:	MJT			SHEET	2 OF 3
DATE:	DECEMBER 2005				
<small>744 Heartland Trail Madison, WI 53717-1934 P.O. Box 8923 53708-8923 Phone: 608-831-4444 Fax: 608-831-3334</small>					



Plot Date: 12/15/05  
 Drawing Name: J:\03993\31\border.dwg  
 Generator Name: J:\03993\31\border.dwg  
 Drawn By: FIEBRANT  
 Checked By: DM  
 Date Printed: 12/15/05  
 File Name: COVER LOCATIONS.DWG  
 Attached Image: x



TOP VIEW



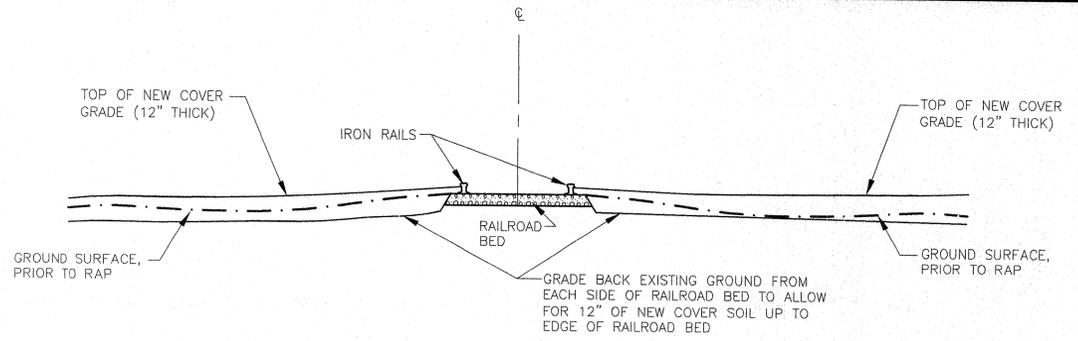
SIDE VIEW

END VIEW

1  
3

RETAINING WALL CONCRETE BLOCK DETAIL

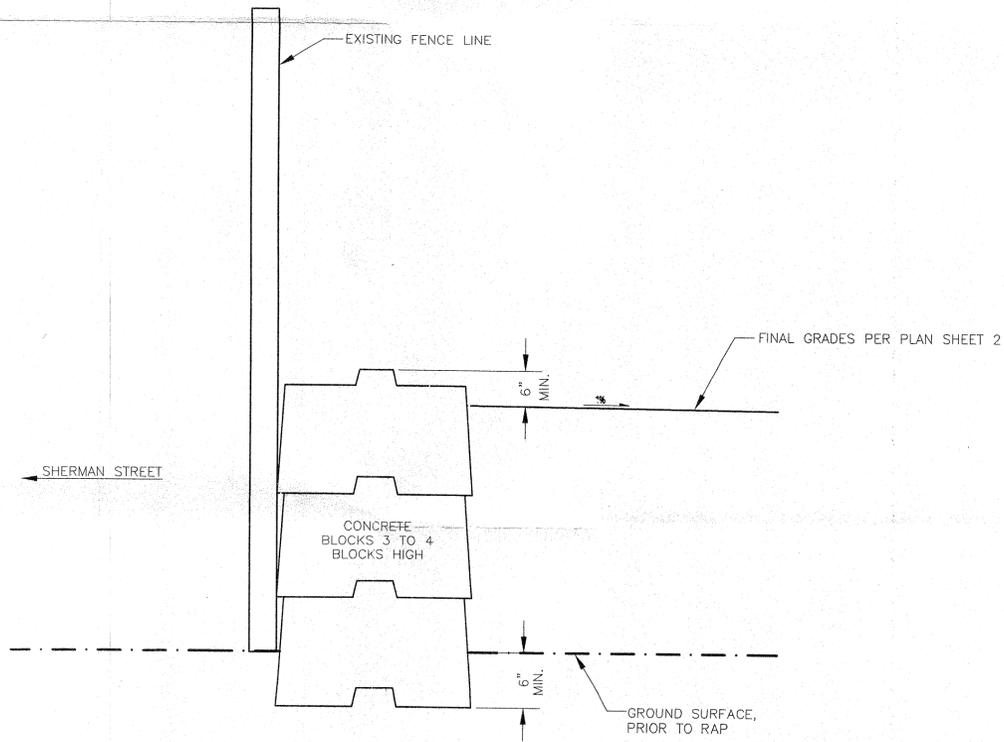
(1"=10')



3  
3

GRADING DETAIL FOR AREAS NEXT TO RAILROAD SPUR WITH 12' OF NEW COVER (TYPICAL)

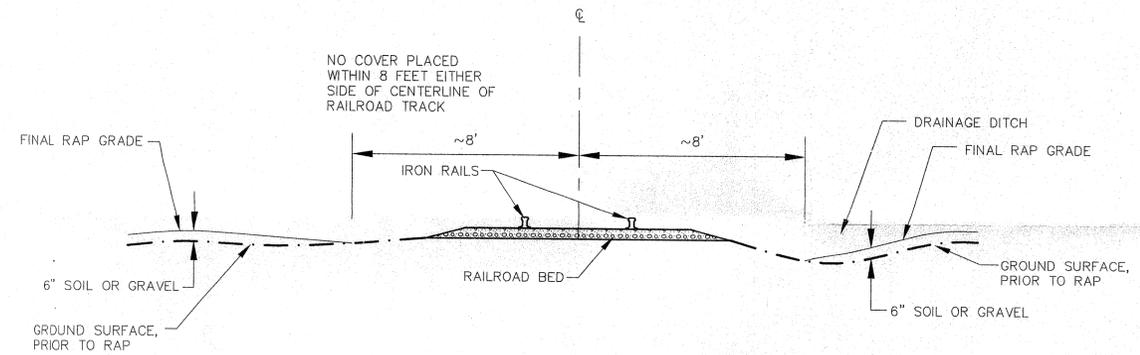
(NOT TO SCALE)



2  
3

RETAINING WALL DETAIL  
SCRAP STOCKPILE AREA NEXT TO SHERMAN STREET

(1"=10')



4  
3

GRADING DETAIL FOR AREAS WHERE COVER WAS PLACED ADJACENT TO MAIN RAILROAD TRACKS

(NOT TO SCALE)

PROJECT: WAUSAU STEEL CORPORATION REMEDIAL CONFIRMATION REPORT			
SHEET TITLE: DETAILS			
DRAWN BY: FIEBRANZT	SCALE: AS SHOWN	PROJ. NO. 3929.34	FILE NO. DETAIL1.DWG
CHECKED BY: DM	DATE: DECEMBER 2005	APPROVED BY: MJT	DATE: DECEMBER 2005
DATE: DECEMBER 2005		SHEET 3 OF 3	
		744 Heartland Trail Madison, WI 53717-1934 P.O. Box 8923 53708-8923 Phone: 608-831-4444 Fax: 608-831-3334	

02/14/06  
 Director Name: FIEBRANZT  
 Draw Size: 11x17  
 Plot Time: 11:41 AM  
 Attachment:

**Attachment 2**  
**Cover Inspection and Maintenance Form**

**Cover Inspection and Maintenance Form  
Wausau Steel Plant Yard  
Wausau Steel Corporation, 2900 West Sherman Street, Wausau, Wisconsin  
WDNR BRRTS No. 02-37-000525**

Date and Time of Inspection or Repair: \_\_\_\_\_  
 Weather: \_\_\_\_\_  
 Inspector(s): \_\_\_\_\_

<p align="center"><b>Type of Inspection:</b></p> <p>Regular Inspection (twice/year) <input style="width: 50px;" type="checkbox"/></p> <p>Maintenance/Repair Inspection <input style="width: 50px;" type="checkbox"/></p>	<p align="center"><b>Overall Conclusion:</b></p> <p align="right">OK <input style="width: 50px;" type="checkbox"/></p> <p align="right">Repair Needed <input style="width: 50px;" type="checkbox"/></p>
--	---

Inspected Area(s):	OK	Repair Needed
<b>South Yard (South of the Main Railroad Line):</b>		
<b>Retaining Block Wall (Along Sherman Street)</b>	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Roadways (Condition and Grading):</b>		
Roadway Adjacent to the Block Wall	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
Other Roadways	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Gravel Cover (Condition and Grading):</b>		
South Scrap Stockpile Area	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
Primary Sorting Area	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
- Geotextile	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
- Gravel	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
Other Areas	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Topsoil Cover:</b>		
Eastern Edge of the Site	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Asphalt Cover:</b>		
Near Vehicle Maintenance Building	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
Near Office/Scale House/Warehouse	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>North Yard (Railroad and Areas to the North):</b>		
<b>Uncovered Areas Adjacent to the Railroad</b>	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Roadways (Condition and Grading)</b>	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Gravel Cover (Condition and Grading):</b>		
North Scrap Stockpile Area	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
Battery Casings Area	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
- Geotextile	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
- Gravel	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
Other Areas	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Topsoil Cover</b>	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Stockpiles of Surplus Cover Materials</b>	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>
<b>Berms on Western Property Line</b>	<input style="width: 50px;" type="checkbox"/>	<input style="width: 50px;" type="checkbox"/>

Notes/Observations/Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature of Inspector(s): \_\_\_\_\_

436261

VOL 370 PAGE 455

This Indenture, Made by Edward Bembinster and Florence Bembinster, also known as Florence G. Bembinster, his wife, and each in their individual right,

grantors, of Marathon County, Wisconsin, hereby conveys and warrants to Wausau Scrap Co., a Wisconsin corporation,

grantee, of Marathon County, Wisconsin, for the sum of One Dollar and other good and valuable consideration the following tract of land in Marathon County, State of Wisconsin;

That part of the Southeast Quarter of the Northeast Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$ ) of Section Thirty-three (33), Township Twenty-nine (29) North, Range Seven (7) East, lying southerly of the right of way of the Chicago and Northwestern Railway Company and northerly of Sherman Street extended, more particularly described as follows:  
Commencing at the intersection of the East line of said SE $\frac{1}{4}$  of the NE $\frac{1}{4}$  and the north line of Sherman Street extended; running thence west, on and along the north line of Sherman Street extended, 500 feet to the place of beginning of the parcel of land herein intended to be conveyed; thence west, on and along the north line of Sherman Street extended 820 feet; thence north 83 feet, more or less, to the south line of the right of way of the Chicago and Northwestern Railway Company; thence northeasterly, on and along said south line of said right of way of the Chicago and Northwestern Railway Company, 827 feet; thence south 166 feet, more or less, to the place of beginning, excepting therefrom, however, the rights and privileges granted to the Wisconsin Public Service Corporation by easement recorded March 3, 1949, in Volume 351 of Deeds, Page 1, in the office of the Register of Deeds, in and for Marathon County, Wisconsin.



In Witness Whereof, the said grantors have hereunto set their hands and seals this

27th day of April, A. D., 19 51.

Signed and Sealed in Presence of

*Emil A. Wakeen*

Emil A. Wakeen

*Ann Gottschalk*

Ann Gottschalk

State of Wisconsin, }  
Marathon County, } ss.

*Edward Bembinster*  
Edward Bembinster

*Florence Bembinster* (Seal)  
Florence Bembinster

(Seal)

(Seal)

Personally came before me, this 27th day of April, A. D., 19 51, the above named Edward Bembinster and Florence Bembinster, also known as Florence G. Bembinster, his wife, and each in their individual right, to me known to be the persons who executed the foregoing instrument and acknowledged the same.



RECORDED FOR RECORD  
MAY 18 1951  
10:27 a.m.  
Andrew M. [Signature]  
Notary Public, Marathon County, Wis.  
Register of Deeds  
My commission expires June 17, A. D., 19 51

(N.B.—Ch. 460, Stats., provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary.)

495485

VOL 434 PAGE 33

This Indenture, Made by Mrs. Harriet Hanneman

grantor, of Marathon County, Wisconsin, hereby conveys  
and warrants to Wausau Scrap Company

grantee, of Marathon County, Wisconsin, for  
the sum of One dollar and other valuable considerations  
the following tract of land in Marathon County, State of Wisconsin:

The East four hundred seventy five (475) feet of that part of  
Southwest quarter (344) of the Northeast quarter (NE4) of  
section thirty three (33) Township twenty nine (29) North,  
Range seven (7) East, lying South of the right of way of the  
Chicago and Northwestern Railway Company right of way.

Taxes for 1957 to be paid by grantor



In Witness Whereof, the said grantor has hereunto set her hand and seal this  
10th day of December, A. D., 1957.

Signed and Sealed in Presence of

Mrs. Harriet Hanneman (SEAL)  
Mrs. Harriet Hanneman

R. A. Monk  
R. A. Monk

(SEAL)

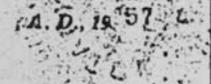
Alice Hahn  
Alice Hahn

(SEAL)

(SEAL)

State of Wisconsin,  
Marathon County, ss.

Personally came before me, this 10 day of December  
the above named Mrs. Harriet Hanneman



to me known to be the person who executed the foregoing instrument and acknowledged the same.

REC'D FOR RECORD

Robert A. Monk Jr.  
Robert A. Monk Jr.

Notary Public, Marathon County, Wis.  
My commission expires Feb. 28 A. D., 1960.

Drafted by R. A. Monk, Attorney

VOL 461 PAGE 24

520764

This Indenture, Made this 13th day of December, A. D., 1960, between

Mrs. Harriet Hanneman  
party of the first part, and  
Wausau Steel Corporation

a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Wausau, Wisconsin, party 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 good and valuable consideration;

to her in hand 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 successors and assigns forever, the following described real estate, situated in the County of Marathon and State of Wisconsin, to-wit:

A strip of land in the Southwest quarter (SW $\frac{1}{4}$ ) of the Northeast quarter (NE $\frac{1}{4}$ ) of Section Thirty-three (33), Township Twenty-nine (29) North, Range seven (7) East, which is eight (8) feet in width (measured East to West) and lies between the South line of the right of way of the Chicago and Northwestern Railway Company and the South line of said Southwest quarter (SW $\frac{1}{4}$ ) of the Northeast quarter (NE $\frac{1}{4}$ ), which strip is immediately West of and adjacent to the East Four Hundred Seventy-five (475) feet of that part of said Southwest quarter (SW $\frac{1}{4}$ ) of the Northeast quarter (NE $\frac{1}{4}$ ) which lies South of said railroad right of way.

Revenue Stamps: 55 cents 88

Together with all and singular the hereditaments and appurtenances thereunto belonging or in anywise 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 party of the second part, and to its successors and assigns FOREVER.

And the said

Mrs. Harriet Hanneman for herself, her heirs, executors and administrators, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents she 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, no exceptions

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, she will forever WARRANT and DEFEND.

In Witness Whereof, the said party of the first part has hereunto set her hand and seal this 13th day of December, A. D., 1960.

Signed and Sealed in Presence of

Marian A. Garske

Marian A. Garske

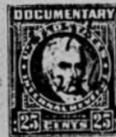
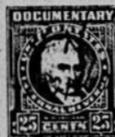
Juliet Drews

Juliet Drews

Mrs. Harriet Hanneman (Seal)

Mrs. Harriet Hanneman

(Seal)



(Seal)

(Seal)

VOL 474 PAGE 318

533051

This Indenture, Made by FRANCIS BERENS and PATRICIA BERENS, his wife, as joint tenants

grantor s , of Marathon County, Wisconsin, hereby conveys and warrants to WAUSAU STEEL CORPORATION, a Wisconsin corporation,

grantee , of Marathon County, Wisconsin, for the sum of One Dollar (\$1.00) and other good and valuable consideration the following tract of land in Marathon County, State of Wisconsin:

That part of the Southwest Quarter (SW $\frac{1}{4}$ ) of the Northeast Quarter (NE $\frac{1}{4}$ ) of Section Thirty-Three (33), Township Twenty-Nine (29) North, Range Seven (7) East, described as follows:

Beginning at a point where the North line of the Chicago & Northwestern Railway Company right-of-way intersects the East line of said Southwest Quarter of Northeast Quarter (SW $\frac{1}{4}$  of NE $\frac{1}{4}$ ); and running thence North 400 feet on said line; thence West 260 feet; thence South to the North line of said right-of-way; and thence Easterly, along said right right-of-way, to the point of beginning.



Revenue Stamps 6.60 *Bay*



In Witness Whereof, the said grantors have hereunto set their hand and seals this 18th day of May A. D., 1962.

Signed and Sealed in Presence of

*Joseph C. Kucirek*  
Joseph C. Kucirek  
*Armella Marquardt*  
Armella Marquardt

*Francis R. Berens* (SEAL)  
Francis Berens  
*Patricia Berens* (SEAL)  
Patricia Berens  
\_\_\_\_\_  
(SEAL)  
\_\_\_\_\_  
(SEAL)

State of Wisconsin,  
Marathon County, ss.

Personally came before me, this 18th day of May, A. D., 1962, the above named Francis Berens and Patricia Berens, his wife, joint tenants, to me known to be the person s who executed the foregoing instrument and acknowledged the same.

REC'D FOR RECORD  
MAY 23 1962  
*P. J. J. J.*  
Earl W. Netzer  
Register of Deeds

*Joseph C. Kucirek*  
Joseph C. Kucirek  
Notary Public, Marathon County, Wis.  
My commission expires *11/11/61*  
Drafted by *Joseph C. Kucirek, Attorney at Law, Wausau, Wisconsin.*

VOL. 250 PAGE 792

THIS INDENTURE, Made the 11th day of May  
A. D. 1977, between Florence Bembinster, also known  
as Florence G. Bembinster

party of the first part and  
Wausau Steel Corporation

a Corporation  
duly organized and existing under and by virtue of the laws of the State of Wisconsin, located  
at Wausau Wisconsin, party 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 good and valuable  
consideration

RETURN TO

100.00

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

That part of the Southeast quarter of the Northeast quarter of Section 33,  
Township 29 North, Range 7 East lying northerly of the Chicago and North-  
western Railroad right of way excepting any part heretofore used for high-  
way purposes (said parcel being that parcel bound on the North and East by  
highway or street right of way, on the South by the Chicago and Northwestern  
right of way and on the West by Wausau Steel property); and that part of the  
Southeast quarter of the Northeast quarter of Section 33, Township 29 North,  
Range 7 East lying southerly of the Chicago and Northwestern Railroad right  
of way excepting those parcels described in Volume 370 of Deeds, page 455  
and Volume 477 of Deeds, page 559 (said parcel being that parcel bound on  
the North by the Chicago and Northwestern Railroad right of way, on the  
East by 28th Avenue, on the South by Sherman Street and on the West by  
Wausau Steel Corporation property).

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 party of the  
second part, and to its successors and assigns FOREVER.

And the said

heirs, executors and administrators, do covenant, grant, bargain and agree to and  
with the said party of the second part, its successors and assigns, that at the time of the enclosing and delivery of these presents,  
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.

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

In Witness Whereof, the said party of the first part has hereunto set her hand and seal this 11th  
day of May A. D. 1977.

SIGNED AND SEALED IN PRESENCE OF

*Florence Bembinster*  
Florence Bembinster  
(SEAL)

*Richard Bolte*  
Richard Bolte  
(SEAL)

*Dorothy Thomsen*  
Dorothy Thomsen  
(SEAL)

STATE OF WISCONSIN,  
Marathon County, ss.

Personally came before me, this 11th day of May, A. D. 1977,  
the above named Florence Bembinster

to me known to be the person who executed the foregoing instrument and acknowledged the same.

REC'D FOR RECORD  
MAY 11 1977  
12:01 PM.  
ROBERT G. BERNOTZKY  
Register of Deeds



*Richard Bolte*  
Richard Bolte  
Notary Public, Marathon County, Wis.

This instrument drafted by

RICHARD BOLTE, Attorney at Law,

My Commission (Expires) (Is) permanent.

530044

VOL 477 PAGE 559

THIS INDENTURE, Made by Florence Bembinster

grantor

of Marathon County, Wisconsin, hereby conveys and warrants to  
Wausau Steel Corporation, a Wisconsin corporation,

RETURN TO

grantee of Marathon County, Wisconsin, for the sum of

One dollar and other good and valuable consideration ----- Dollars  
the following tract of land in Marathon County, State of Wisconsin:

That part of the Southeast quarter (SE $\frac{1}{4}$ ) of the Northeast quarter (NE $\frac{1}{4}$ )  
of Section 33, Township 29 North of Range 7 East described as follows:

Commencing at the Southeast corner of said Southeast quarter (SE $\frac{1}{4}$ ) of  
the Northeast quarter (NE $\frac{1}{4}$ ), running thence West 270 feet, thence  
North 25 feet to the North line of Sherman Street, the place of beginning;  
thence West on and along the North line of Sherman Street 230 feet;  
thence North at an included angle of 89° 58', 177.3 feet; thence North-  
easterly at an included angle of 100° 38' on and along the Southeasterly  
line of the Chicago and Northwestern Railway right-of-way 203.9 feet;  
thence Southeasterly 216 feet more or less to the place of beginning.

Revenue Stamps \$

4.00



IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE

In Witness Whereof, the said grantor ha hereunto set her hand and seal this 30th  
day of August A. D. 19 62

*Florence Bembinster* (SEAL)  
Florence Bembinster

SIGNED AND SEALED IN PRESENCE OF

*Emil A. Wakeen*  
Emil A. Wakeen

*Loretta Dodson*  
Loretta Dodson

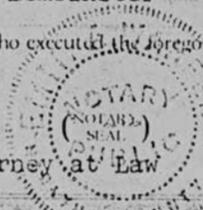
NEED FOR RECORD  
SEAL (SEAL)  
SEAL (SEAL)

State of Wisconsin,  
Marathon County, } Personally came before me, this 30th day of August A. D. 19 62,  
the above named Florence Bembinster

to me known to be the person who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT WAS DRAFTED BY

Emil A. Wakeen, Attorney at Law  
Wausau, Wisconsin



*Emil A. Wakeen*  
Emil A. Wakeen  
Notary Public, Marathon County, Wis.  
My commission expires on June 2, 1963

LEGAL DESCRIPTION OF RAILROAD RIGHT-OF-WAY ACQUIRED

CNW-Form

P-2045

DEED OF RELEASE

VOL. 464 - PAGE 821 877645

KNOW ALL MEN BY THESE PRESENTS, that THE FIRST NATIONAL BANK OF CHICAGO, a National Banking Association duly organized and existing under the laws of the United States of America (hereinafter referred to as the "Trustee"), as Trustee under Indenture of Mortgage and Deed of Trust dated as of January 1, 1939, between Chicago and North Western Railway Company, a corporation duly organized under the laws of the State of Wisconsin, and said The First National Bank of Chicago, as Supplemented and amended (Chicago and North Western Transportation Company, a Delaware corporation, being Successor Mortgagor), recorded in the office of the Secretary of State of the State of Wisconsin on June 6, 1944, in Volume 37 of Railroad Mortgages, Page 165, et seq, as supplemented and amended.

FOR AND IN CONSIDERATION of the payment of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, does hereby RELEASE, REMISE, CONVEY and QUITCLAIM unto WAUSAU STEEL CORPORATION, all of the right, title and interest and every claim and demand whatsoever which said Trustee may now have or claim to have acquired in, under, through, or by virtue of said Indenture of Mortgage and Deed of Trust, as supplemented and amended, in and to the property situated in the County of Marathon, and the State of Wisconsin, and described as follows, to wit:

That part of the South Half of the Northeast Quarter of Section 33, Township 29 North, Range 7 East of the Fourth Principal Meridian, bounded as follows: On the South by a line parallel with and distant 50 feet Southerly, measured at right angles and radially, from the center line of the main track of the Milwaukee, Lake Shore and Western Railway Company (now the Chicago and North Western Transportation Company), as said main track center line was originally located and established over and across said Section 33; on the East and West by lines drawn at right angles to said original main track center line at points thereon distant 403 feet and 1,785 feet, respectively, Westerly, from the intersection thereof with the East line of said Section 33; and on the North by a line parallel with and distant 15 feet Southerly, measured at right angles and radially, from the center line of the main track of the Chicago and North Western Transportation Company (formerly the Milwaukee, Lake Shore and Western Railway Company), as said main track center line is now located.

Exhibit D

1029454  
RAILWAY CO/ WAUSAU STEE

chg 14.00  
PLEASE RETURN TO:  
C. DUANE PATTERSON  
P.O. BOX 1144  
WAUSAU WI 54402-1144

Authorization No. P-3132

page 3.00

DEED NO. 87377

THE GRANTOR, CHICAGO AND NORTH WESTERN RAILWAY COMPANY, a Delaware corporation, whose principal office is located at 165 N. Canal Street, Chicago, Illinois, for the consideration of ONE THOUSAND AND NO/100 DOLLARS (\$1,000.00), conveys and quitclaims to WAUSAU STEEL CORPORATION whose address is 2900 Sherman Street, Wausau, Wisconsin 54402-0329, GRANTEE, all interest in the following described real estate situated in the County of Marathon, and the State of Wisconsin, to wit:

PARCEL 1:

That part of the Southeast Quarter of the Northeast Quarter of Section 33, Township 29 North, Range 7 East of the Fourth Principal Meridian, bounded as follows: On the South by a line parallel with and distant 50 feet Southerly, measured at right angles, from the center line of the main track of the Milwaukee, Lake Shore & Western Railway Company (now the Chicago and North Western Railway Company), as said main track center line was originally located and established over and across said Section 33; on the East and West by lines drawn at right angles to said original main track center line at points thereon distant 303 feet and 403 feet, respectively, Westerly from its intersection with the East line of said Section 33; and on the North by a line parallel with and distant 15 feet Southerly, measured at right angles, from the center line of the main track of the Chicago and North Western Railway Company, as said main track center line is now located.

076.4.2907.331.0996

PARCEL 2:

That part of the Southwest Quarter of the Northeast Quarter of Section 33, Township 29 North, Range 7 East of the Fourth Principal Meridian, bounded as follows: On the South by a line parallel with and distant 50 feet Southerly, measured at right angles, from the center line of the main track of the Milwaukee, Lake Shore & Western Railway Company (now the Chicago and North Western Railway Company), as said main track center line was originally located and established over and across said Section 33; on the East and West by lines drawn at right angles to said original main track center line at points thereon distant 1,785 feet and 1,821 feet, respectively, Westerly from its intersection with the East line of said Section 33; and on the North by a line parallel with and distant 15 feet Southerly, measured at right angles, from the center line of the main track of the Chicago and North Western Railway Company, as said main track center line is now located.

Reserving, however, unto the Grantor, its lessees, licensees, successors and assigns, the right to continue to protect, maintain, repair, reconstruct, replace, operate, and use any and all existing drainage, driveways, conduits, sewers, water mains, gas lines, electric power lines, communication lines, wires and other utilities, and easements of any kind whatsoever on said real estate.

By acceptance of this conveyance, the Grantee, for itself and/or its heirs, successors, transferees and assigns, hereby agrees:

- (1) To assume the total expense of erecting and maintaining a six (6) foot high fence and/or barricade along the Northerly boundary lines (trackside) of the above described Parcels No. 1 and 2 within forty-five (45) (weather permitting) from the date of this conveyance.
- (2) Not to alter the drainage conditions in such a way as to adversely affect Grantor's remaining property.

TRANSFER  
\$ 3<sup>00</sup>  
FEE

By the acceptance of this conveyance, the Grantee, for itself and/or its heirs, successors, transferees and assigns, hereby agrees to take all steps necessary, at no expense to Grantor, to comply with any and all governmental requirements relating to land platting and use.

DEED NO. 87377

Authorization No. P-3132

Pursuant to Section 3.2 of Article III of the Mortgage, Deed of Trust, Assignment of Leases and Rents, Security Agreement and Financing Statement dated as of March 27, 1992 (the "Mortgage") and recorded in the Office of the Wisconsin Secretary of State on April 16, 1992 in Volume 57 of Railroad Mortgages on Pages 319 to 365, the Grantor hereby certifies that (a) this deed and conveyance is made pursuant to the provisions of Section 3.2 of Article III of said Mortgage, (b) the provisions of said Section 3.2 of Article III have been complied with and (c) the property hereby conveyed may be conveyed free from the lien of said Mortgage and is hereby conveyed free from the lien of said Mortgage.

DATED this 9th day of May, 1994.

Signed, Sealed and Delivered in Presence of:

CHICAGO AND NORTH WESTERN RAILWAY COMPANY

Larry A. Whitney  
Clayton

By D.A. Christensen  
D. A. Christensen, Vice President  
Attest K.A. Dombrowski  
K. A. Dombrowski, Assy. Secretary



STATE OF ILLINOIS )  
                          ) SS  
COUNTY OF COOK    )

I, Richard S. Kennerley, a Notary Public, duly commissioned and qualified in and for the County and State aforesaid and residing therein, DO HEREBY CERTIFY that D. A. Christensen and K. A. Dombrowski, to me personally known and known to me to be, respectively, Vice President and Assistant Secretary of CHICAGO AND NORTH WESTERN RAILWAY COMPANY, a Delaware corporation, and the identical persons whose names are subscribed to the foregoing Instrument, appeared before me this day in person, and being first duly sworn by me, severally acknowledged to me that they are, respectively, Vice President and Assistant Secretary of said corporation; that as such officers they signed, sealed and delivered said instrument in behalf of said corporation by authority and order of its Board of Directors, as the free and voluntary act and deed of said corporation, and as their own free and voluntary act; that the seal affixed to said instrument is the seal of said corporation; and that said corporation executed said instrument for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal as such Notary Public, at Chicago, Illinois, this 9th day of May, 1994.



Richard S Kennerley  
Notary Public, in and for the County of Cook, in the State of Illinois

My Commission Expires: November 8, 1996.

TRANSFER

\$ 3.00  
FEE

This instrument was prepared by the Chicago and North Western Railway Company, 165 North Canal Street, Chicago, Illinois 60606.

(LGL-152)a:\024

7496

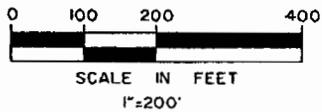
37.076.4.2907.331.0996

**CERTIFIED SURVEY MAP**

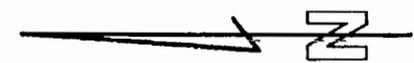
PART OF THE SW 1/4 OF NE 1/4, AND A PART OF THE SE 1/4 OF NE 1/4,  
ALL IN SEC. 33, T29N, R7E, TOWN OF STETTIN, MARATHON CO., WISCONSIN

WISCONSIN  
DONALD D. FRISQUE  
S-1218  
Wausau  
Wis.  
LAND SURVEYOR  
*Donald D. Frisque*  
9/7/93

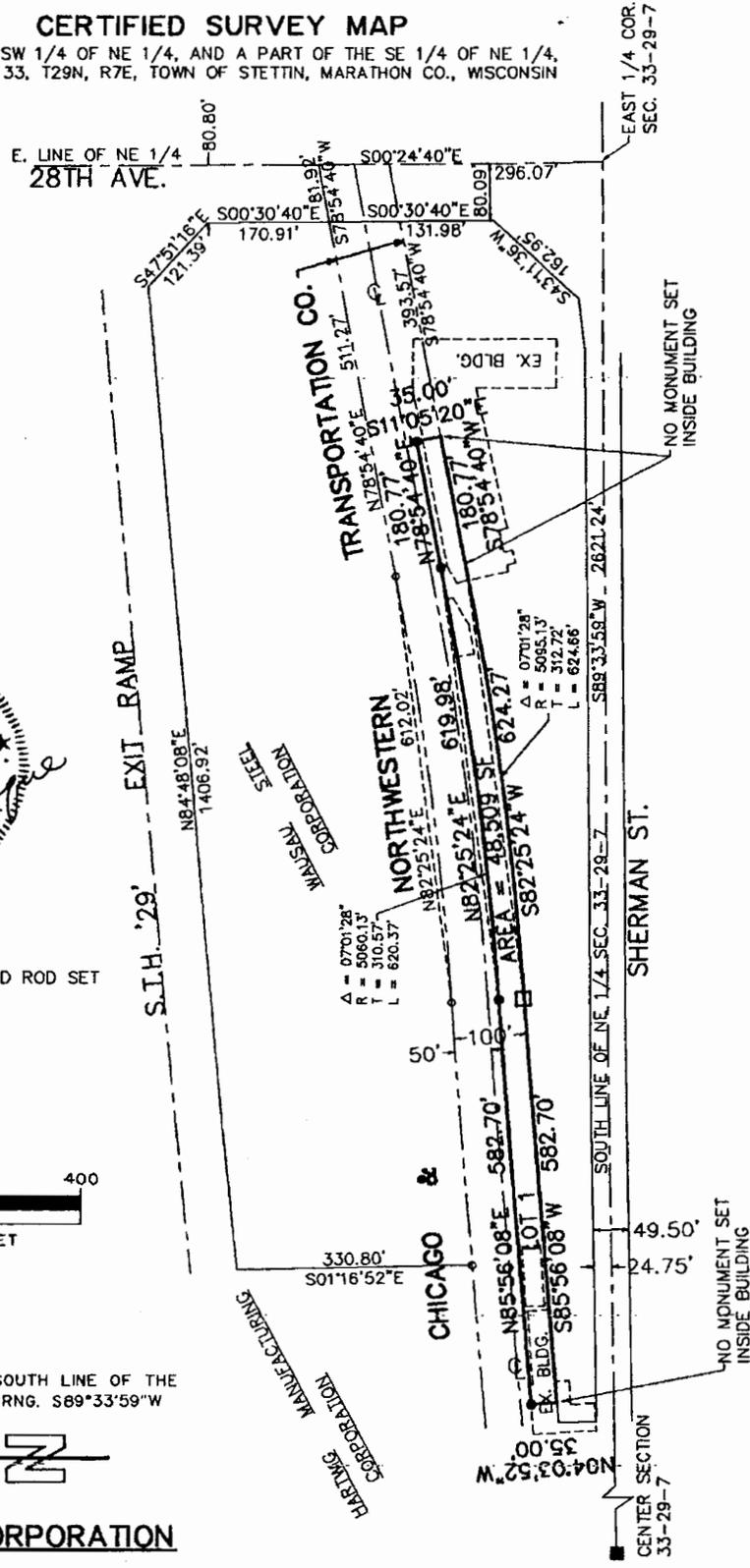
- LEGEND**
- 3/4"x24"x1.5lbs/ft SOLID ROD SET
  - EXISTING 2" IRON PIPE
  - EXISTING 1" IRON PIPE



NORTH REFERENCED TO THE SOUTH LINE OF THE  
NE 1/4 SEC.33, T29N, R7E, BRNG. S89°33'59"W



**WAUSAU STEEL CORPORATION**



Wausau Steel Corporation

I hereby certify that I have surveyed, divided and mapped by order of Peter Wallach, President, a parcel of land being part of the SW 1/4 - NE 1/4 and the SE 1/4 - NE 1/4, Section 33, T29N, R7E, Town of Stettin, Marathon County, Wisconsin, described as follows:

Commencing at the East 1/4 corner of said Section 33; thence N 00° 24' 40" E, along the East line of the NE 1/4 said section, 296.07 feet; thence S 78° 54' 40" W, along the Chicago & Northwestern Transportation Company Southerly Right-of-Way, 393.57 feet, to the point of beginning;

Thence continuing S 78° 54' 40" W, along said Right-of-Way, 180.77 feet; thence continuing along said Right-of-Way, being the arc of a curve to the right, having a radius of 5095.13 feet, and a chord bearing of S 82° 25' 24" W, and a chord length of 624.27 feet; thence continuing along said Right-of-Way, S 85° 56' 08" W, 582.70 feet; thence N 04° 03' 52" W, 35.00 feet; thence N 85° 56' 08" E, 582.70 feet; thence along the arc of a curve to the left, having a radius of 5060.13 feet, and a chord bearing of N 82° 25' 24" E, and a chord length of 619.98 feet; thence N 78° 54' 40" E, 180.77 feet; thence S 11° 05' 20" E, 35.00 feet, to the point of beginning, subject to easements, restrictions and roadways of record, and that this map is a correct representation of all of the exterior boundaries and division of said land, and that I have fully complied with the provisions of Section 236.34, Wisconsin Statutes.



*Donald D. Frisque*  
977/93 Donald D. Frisque S-1218  
Becher-Hoppe Associates, Inc.  
Wausau, WI  
Page 2 of 2

DDF/crj  
93158/0907stee

APPROVED FOR RECORDING  
UNDER THE TERMS OF THE  
MARATHON CO. LAND DIVISION  
REGULATIONS:

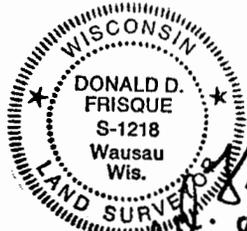
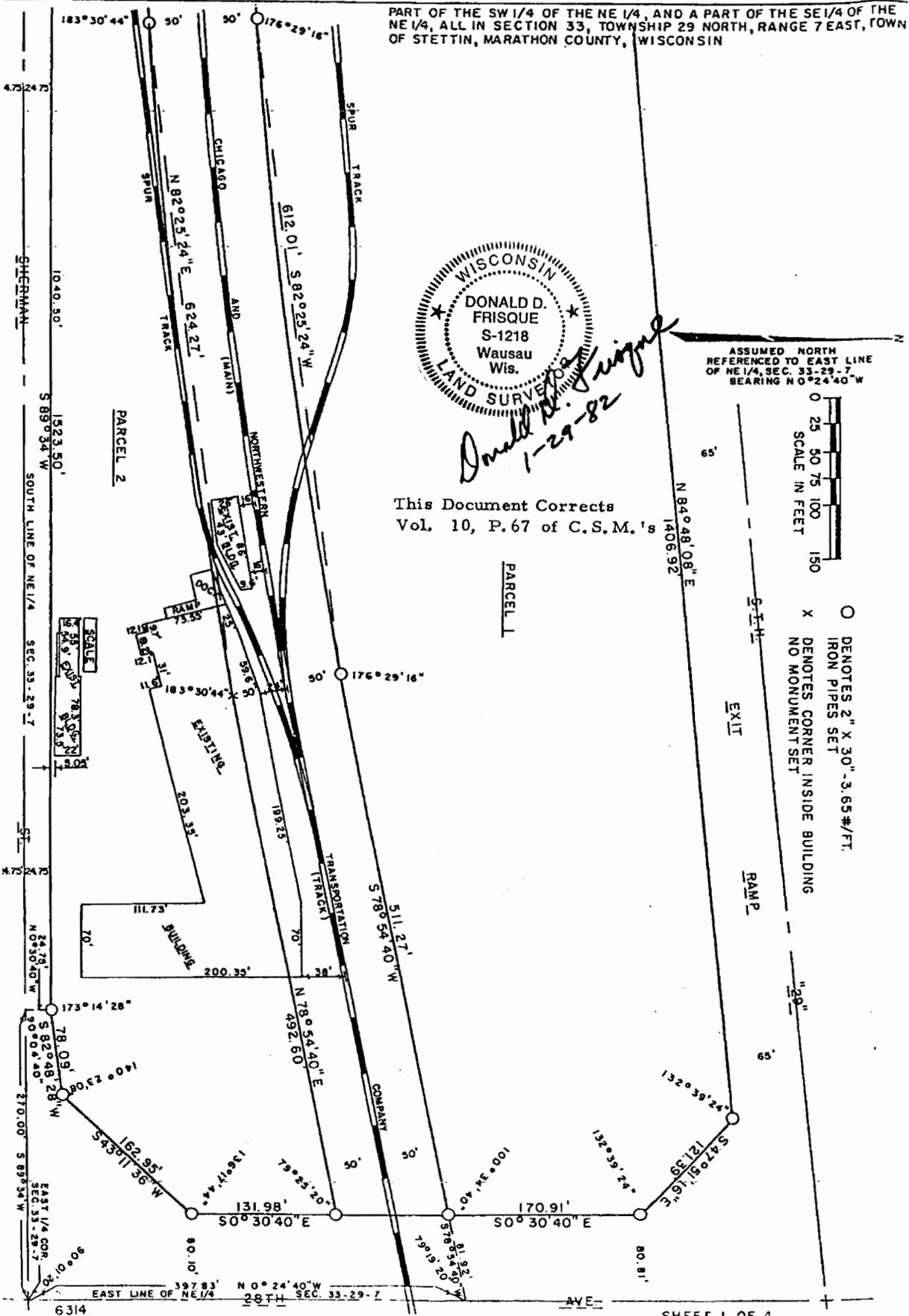
BY *James R. Bergner*  
DATE *September 10, 1993*  
MARATHON CO. ZONING DEPT.

*Chg 12/20 Becher, Hoppe*

*Michael D. S. ...*  
REGISTER

1005331  
PETER WALLACH 7496  
REGISTER'S OFFICE  
REGD FOR REC'D  
MARATHON CO WI  
09-10-1993 01:45 PM  
AND RECD IN VOL. 29.  
OF CSM ON PAGE 59.

PART OF THE SW 1/4 OF THE NE 1/4, AND A PART OF THE SE 1/4 OF THE NE 1/4, ALL IN SECTION 33, TOWNSHIP 29 NORTH, RANGE 7 EAST, TOWN OF STETTIN, MARATHON COUNTY, WISCONSIN



*Donald D. Frisque*  
1-29-82

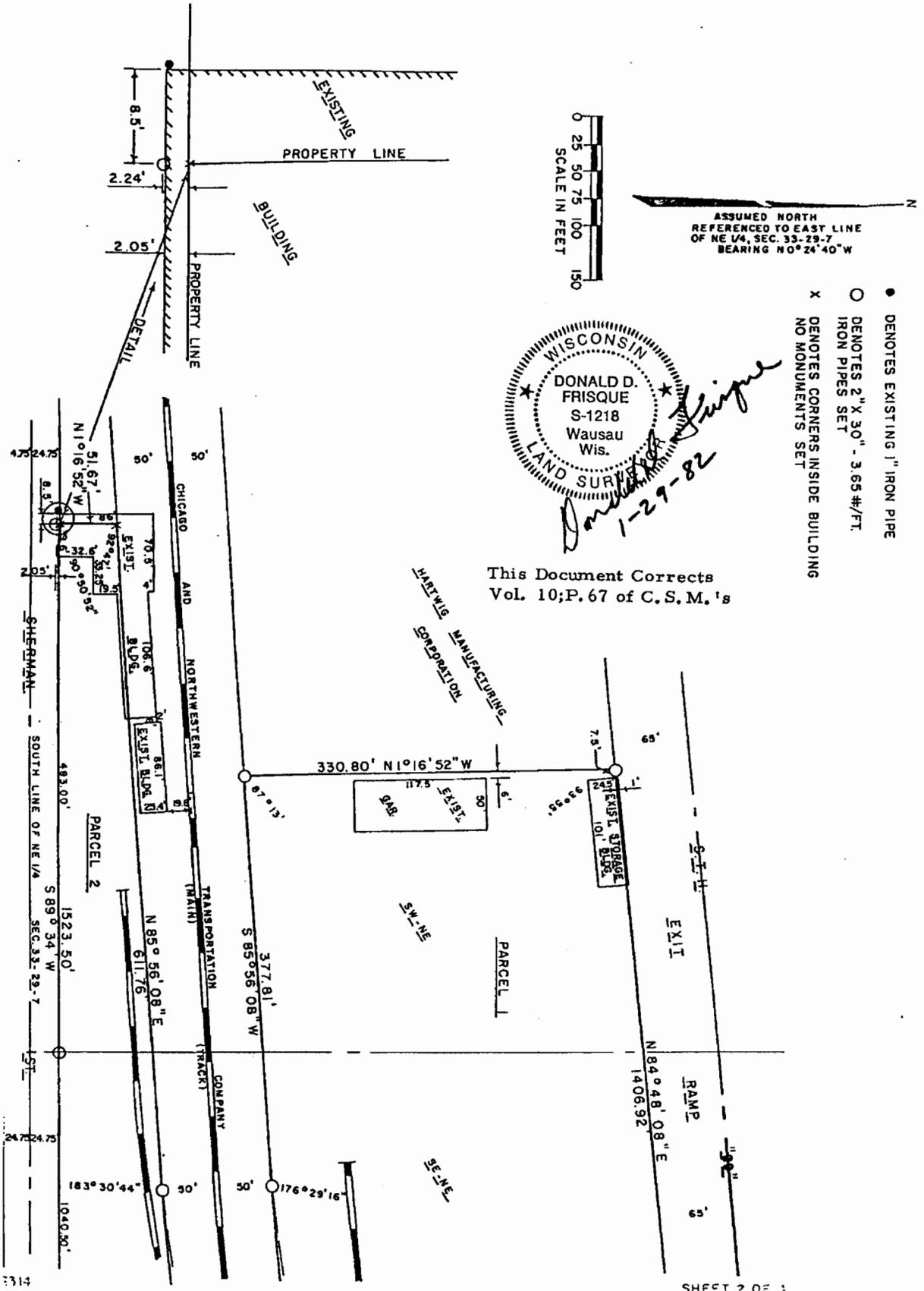
This Document Corrects  
Vol. 10, P. 67 of C.S.M.'s

ASSUMED NORTH  
REFERENCED TO EAST LINE  
OF NE 1/4, SEC. 33-29-7  
BEARING N 0° 24' 40" W



- O DENOTES 2" X 30" - 3.65#/FT. IRON PIPES SET
- X DENOTES CORNER INSIDE BUILDING
- NO MONUMENT SET

PART OF THE SW 1/4 OF THE NE 1/4, AND A PART OF THE SE 1/4 OF THE NE 1/4, ALL IN SECTION 33, TOWNSHIP 29 NORTH, RANGE 7 EAST, TOWN OF STETTIN, MARATHON COUNTY, WISCONSIN



ASSUMED NORTH  
 REFERENCED TO EAST LINE  
 OF NE 1/4, SEC. 33-29-7  
 BEARING N 0°24'40\"/>

WISCONSIN  
 DONALD D. FRISQUE  
 S-1218  
 Wausau Wis.  
 LAND SURVEYOR  
*Donald D. Frisque*  
 1-29-82

- DENOTES EXISTING 1" IRON PIPE
- DENOTES 2" X 30" - 3.65 #/FT. IRON PIPES SET
- x DENOTES CORNERS INSIDE BUILDING NO MONUMENTS SET

This Document Corrects  
 Vol. 10; P. 67 of C. S. M. 's

WAUSAU STEEL CORPORATION

I hereby certify that I have surveyed and mapped by order of Wausau Steel Corporation, the following parcels of land, being a part of the SW 1/4 of the NE 1/4, a part of the SE 1/4 of the NE 1/4 and a part of the NE 1/4 of the SE 1/4, all in Section 33, Township 29 North, Range 7 East, Town of Stettin, Marathon County, Wisconsin; said parcels of land to be known as Parcels 1, 2 and 3, and more particularly described as follows:

PARCEL 1

Commencing at the East 1/4 Corner of said Section 33; thence N 0° 24' 40" W, along the East line of the NE 1/4 of said Section 33, 397.83 feet; thence S 78° 54' 40" W, 81.92 feet to the Westerly Right-Of-Way line of 28th Avenue and the point of beginning of the following described parcel;

Thence continuing S 78° 54' 40" W, along the Northerly line of the Chicago and Northwestern Transportation Company Right-Of-Way, 511.27 feet;

Thence continuing along the Northerly line of said Right-Of-Way, being the arc of a curve to the right, having a main chord bearing of S 82° 25' 24" W, and a length of 612.01 feet;

Thence continuing along said Northerly Right-Of-Way, S 85° 56' 08" W, 377.81 feet;

Thence N 1° 16' 52" W, 330.80 feet to the Southerly line of the S. T. H. "29" Right-Of-Way;

Thence N 84° 48' 08" E, along the Southerly line of said Right-Of-Way, 1406.92 feet;

Thence S 47° 51' 16" E, 121.39 feet to the Westerly Right-Of-Way line of 28th Avenue;

Thence S 0° 30' 40" E, along the Westerly Right-Of-Way line of 28th Avenue, 170.91 feet to the point of beginning.

PARCEL 2

Commencing at the East 1/4 Corner of said Section 33; thence S 89° 34' W, along the South line of the NE 1/4 of said Section 33, 270.00 feet; thence N 0° 30' 40" W, 24.75 feet to the Northerly Right-Of-Way line of Sherman Street and the point of beginning of the following described parcel;

Thence S 89° 34' W, along the Northerly Right-Of-Way line of Sherman Street, 1523.50 feet;

Thence N 1° 16' 52" W, 51.67 feet to the Southerly line of the Chicago and Northwestern Transportation Company Right-Of-Way;

Thence N 85° 56' 08" E, along the Southerly line of said Right-Of-Way, 611.76 feet;

Thence continuing along the Southerly line of said Right-Of-Way, being the arc of a curve to the left, having a main chord bearing of N 82° 25' 24" E, and a length of 624.27 feet;

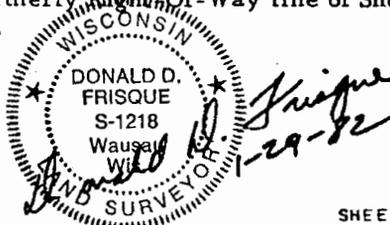
Thence continuing along the Southerly line of the Chicago and Northwestern Transportation Company Right-Of-Way, N 78° 54' 40" E, 492.60 feet to the Westerly Right-Of-Way line of 28th Avenue;

Thence S 0° 30' 40" E, along the Westerly Right-Of-Way line of 28th Avenue, 131.98 feet;

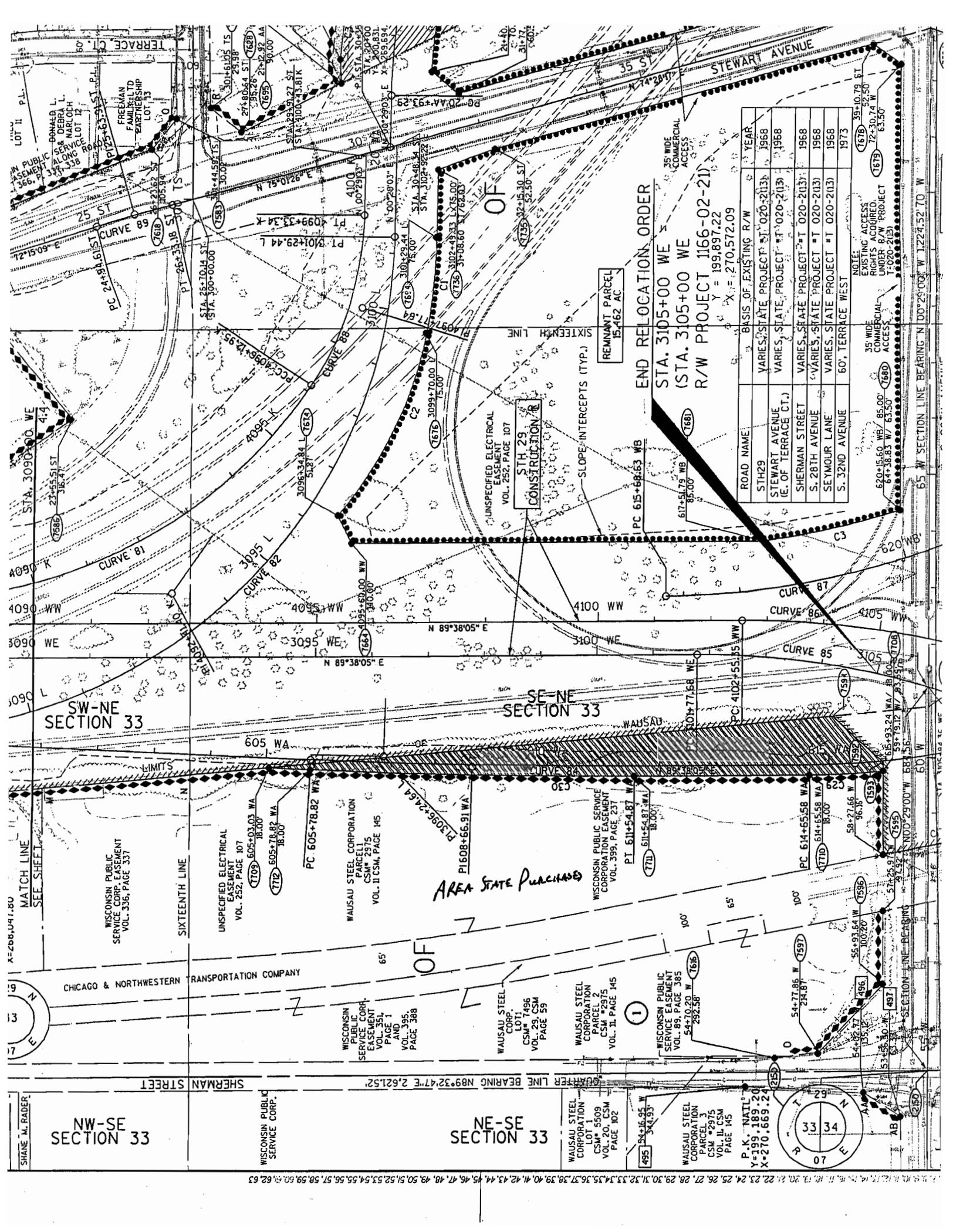
Thence S 43° 11' 36" W, 162.95 feet to the Northerly Right-Of-Way line of Sherman Street;

Thence S 82° 48' 28" W, along the Northerly Right-Of-Way line of Sherman Street, 78.09 feet to the point of beginning.

This Document Corrects  
Vol. 10, P. 67 of C. S. M. 's



**Area Purchased by WisDOT in May 2007**



**END RELOCATION ORDER**  
 STA. 3105+00 WE  
 (STA. 3105+00 WE  
 R/W PROJECT 1166-02-21)  
 X = 199,897.22  
 Y = 270,572.09

ROAD NAME	BASIS OF EXISTING R/W	YEAR
STH29	VARIABLE STATE PROJECT # T-020-2113	1968
STEWART AVENUE (E. OF TERRACE CT.)	VARIABLE STATE PROJECT # T-020-2113	1968
SHERMAN STREET	VARIABLE STATE PROJECT # T-020-2113	1968
S. 28TH AVENUE	VARIABLE STATE PROJECT # T-020-2113	1968
SEYMOUR LANE	VARIABLE STATE PROJECT # T-020-2113	1968
S. 32ND AVENUE	VARIABLE STATE PROJECT # T-020-2113	1968
60' TERRACE WEST	VARIABLE STATE PROJECT # T-020-2113	1973

**NOTE:**  
 EXISTING ACCESS RIGHTS ACQUIRED UNDER R/W PROJECT T-020-2113  
 620+15.60 WB / 85.00' ACCESS  
 617+51.75 WB / 85.00' ACCESS  
 616+88.85 WB / 85.00' ACCESS  
 616+88.85 WB / 85.00' ACCESS

*AREA STATE PURCHASED*

REMANENT PARCEL  
 154.62 AC

CONSTRUCTION R

UNSPECIFIED ELECTRICAL EASEMENT VOL. 252, PAGE 107

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 399, PAGE 237

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 351, PAGE 1 AND VOL. 395, PAGE 388

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 2975, PAGE 145

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 2975, PAGE 145

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 89, PAGE 385

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 20, CSM #2975, PAGE 145

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 20, CSM #2975, PAGE 145

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 336, PAGE 337

UNSPECIFIED ELECTRICAL EASEMENT VOL. 252, PAGE 107

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 399, PAGE 237

WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 2975, PAGE 145

NW-SE SECTION 33

NE-SE SECTION 33



SHANE M. RADER  
 A=206,041.60  
 MATCH LINE SEE SHEET  
 CHICAGO & NORTHWESTERN TRANSPORTATION COMPANY  
 SIXTEENTH LINE  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 336, PAGE 337  
 UNPECIFIED ELECTRICAL EASEMENT VOL. 252, PAGE 107  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 399, PAGE 237  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 351, PAGE 1 AND VOL. 395, PAGE 388  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 2975, PAGE 145  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 2975, PAGE 145  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 89, PAGE 385  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 20, CSM #2975, PAGE 145  
 WISCONSIN PUBLIC SERVICE CORPORATION EASEMENT VOL. 20, CSM #2975, PAGE 145  
 P.K. NATL  
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**Document Number**  
**DEED BY CORPORATION**

Wisconsin Department of Transportation  
Exempt from fee: s.77.25(2r) Wis. Stats.  
RE3005 1096

THIS DEED, made by Wausau Steel Corporation f/k/a Wausau Scrap Co., a Wisconsin Corporation

a corporation duly organized and existing under the laws of the State of Wisconsin and duly authorized to transact business in the State of Wisconsin, with its principal place of business at P.O. Box 329 City of Wausau, County of Marathon, State of Wisconsin, GRANTOR, conveys and warrants the property described below to State of Wisconsin, Department of Transportation

GRANTEE, for the sum of Two Hundred Fifty Thousand Dollars and No Cents (\$250,000.00).

Any person named in this deed may make an appeal from the amount of compensation within six months after the date of recording of this deed as set forth in s.32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on the deed shall be treated as the award, and the date the deed is recorded shall be treated as the date of taking and the date of evaluation.

Other persons having an interest of record in the property: Congress Financial Corporation n/k/a Wachovia Capital Finance Corporation

This space is reserved for recording data

Return to

Wisconsin Department of Transportation  
c/o Steigerwaldt Land Services, Inc.  
856 North Fourth Street  
Tomahawk, Wisconsin 54487

Parcel Identification Number/Tax Key Number

38-332907.4.1

**Legal Description**

See Attached Legal Description

The undersigned certify that this instrument is being executed pursuant to a resolution of the board of directors (or shareholders, if authorized by law) of GRANTOR corporation.

May 22, 2007

(Date)

**CORPORATE ACKNOWLEDGEMENT**

Wausau Steel Corporation  
(Corporation Name)

Duane M. Ninnemann  
(Officer Signature)

DUANE M NINNEMANN VICE PRESIDENT FINANCE  
(Print Name, Title)

(Officer Signature)

(Print Name, Title)

State of Wisconsin }  
Marathon County } ss. 352-56-303  
On the above date, this instrument was acknowledged before me by the named person(s) or officers. Duane M. Ninnemann

Stacey Schrank Notary Public  
(Signature, Notary Public, State of Wisconsin)

Stacey Schrank Notary Public  
(Print or Type Name, Notary Public, State of Wisconsin)

November 1, 2009  
(Date Commission Expires)

## Legal Description

FEE title in and to the following tract of land in the Town of Stettin, Marathon County, State of Wisconsin, described as a parcel of land in the SE1/4 of the NE1/4 of Section 33, Town 29 North, Range 7 East, being part of Parcel 1, Marathon County Certified Survey Map No. 2975 recorded in volume 11 of CSM's, page 145:

Said parcel includes all that land of the owner contained within the following described traverse:

Commencing at the East 1/4 corner of said Section 33;

Thence N.00°29'00"W. along the east line of said NE1/4, 649.81 feet (pt.no. 7713);

Thence S.84°48'11"W., 170.77 feet to its intersection with the existing southerly STH 29 right-of-way line and the northeast corner of said Certified Survey Map # 2975, the point of beginning (pt.no. 7594);

Thence S.47°54'39"E. along said existing STH 29 right-of-way line and easterly line of said Certified Survey Map # 2975, 121.41 feet (recorded as S.47°51'16"E., 121.39) (pt. no. 7593);

Thence S.00°35'25"E. (recorded as S.00°30'40"E.) along the westerly existing South 28th Street right-of-way line, 16.12 feet to the beginning of a non-tangent curve (pt.no.7708);

Thence Southwesterly along curved line (curve C29) to the right, having a radius of 1,450.39 feet, an arc length of 129.27 feet, and a long chord bearing of S.87°04'53"W., 129.22 feet (pt. no. 7710);

Thence S.89°38'05"W., 310.71 feet to the beginning of a curve (pt.no.7711);

Thence Northwesterly along curved line (curve C30) to the right, having a radius of 11,018.00 feet, an arc length of 576.99 feet, and a long chord bearing of N.88°51'54"W., 576.92 feet (pt. no. 7712);

Thence N.87°21'53"W., 75.79 feet, to its intersection with the southerly existing STH 29 right-of-way line (pt. no. 7709);

Thence N.84°48'11"E. (recorded as N.84°48'08"E.) along said existing right-of-way line 1,006.15 feet to the point of beginning (pt. no. 7594);

Said parcel contains 1.441 acres (62,791 sq. ft.), more or less.

## Certification Statement

As the designated representative for the Wausau Steel Corporation, and at the request of RMT, Inc., I am submitting this letter as written certification of the legal descriptions set forth in the GIS registry package.

I certify that, to the best of my knowledge, the legal descriptions provided in the GIS package submitted by RMT, Inc., are complete and accurate with respect to the properties impacted by the release of constituents of concern from the Wausau Steel plant yard site, located in Wausau, Wisconsin.



---

Peter Wallach  
Wausau Steel Corporation

September 13, 2007

---

Date

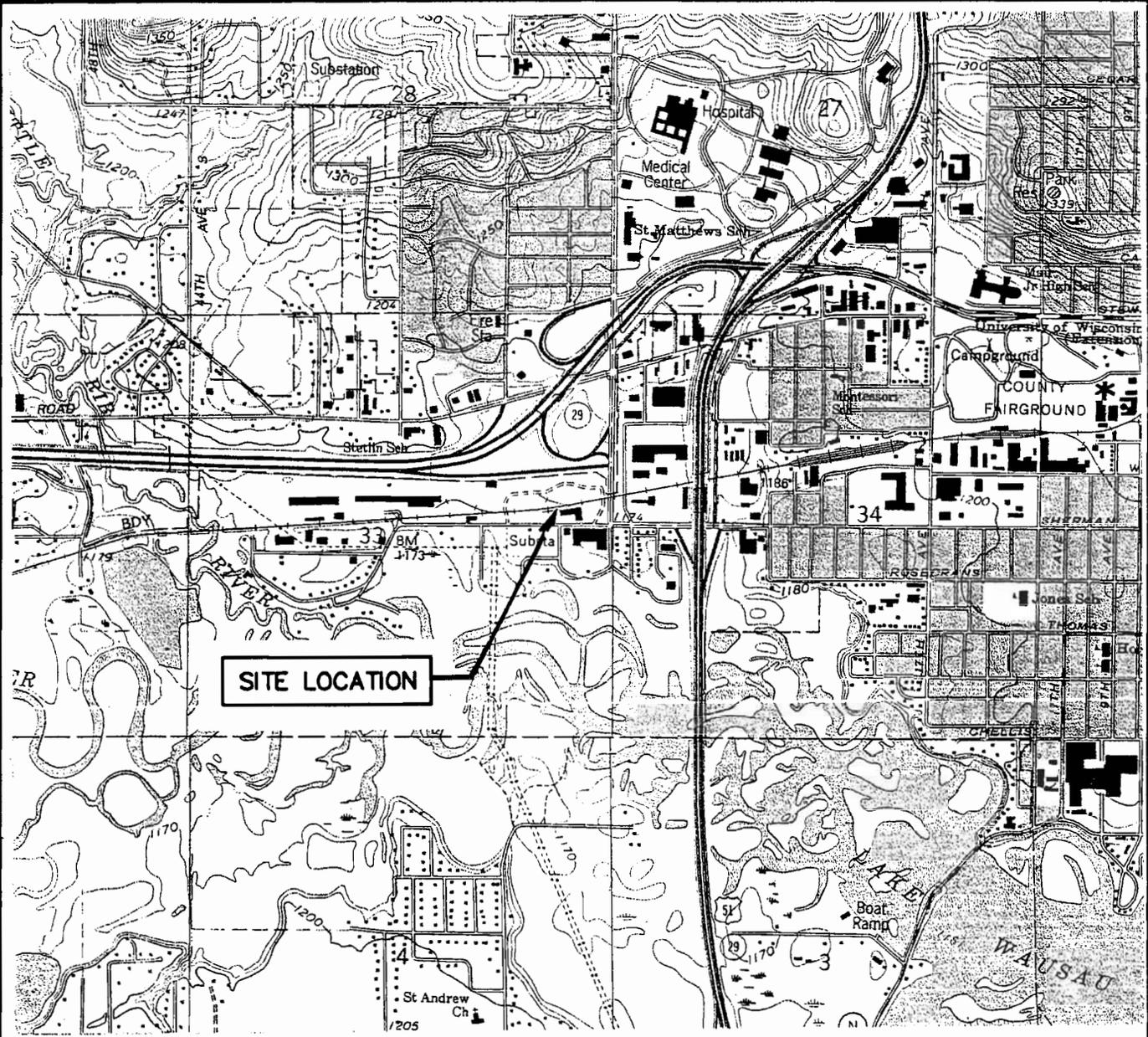
2:08.0959 PM  
Friday, September 24, 1999

Plot Time:  
Plot Date:

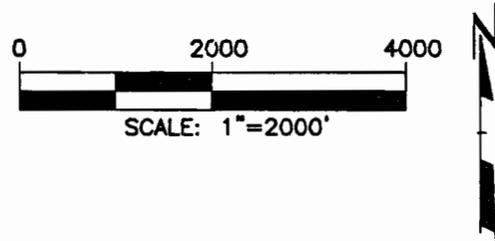
Dwg Size: 40493 Bytes  
Attached Xref's: No xref's Attached.

Operator Name: FASSBENS  
Scale: 1"=1'

PLOT DATA  
Drawing Name: J:\03929\17\39291703.dwg



**STATE LOCATION**



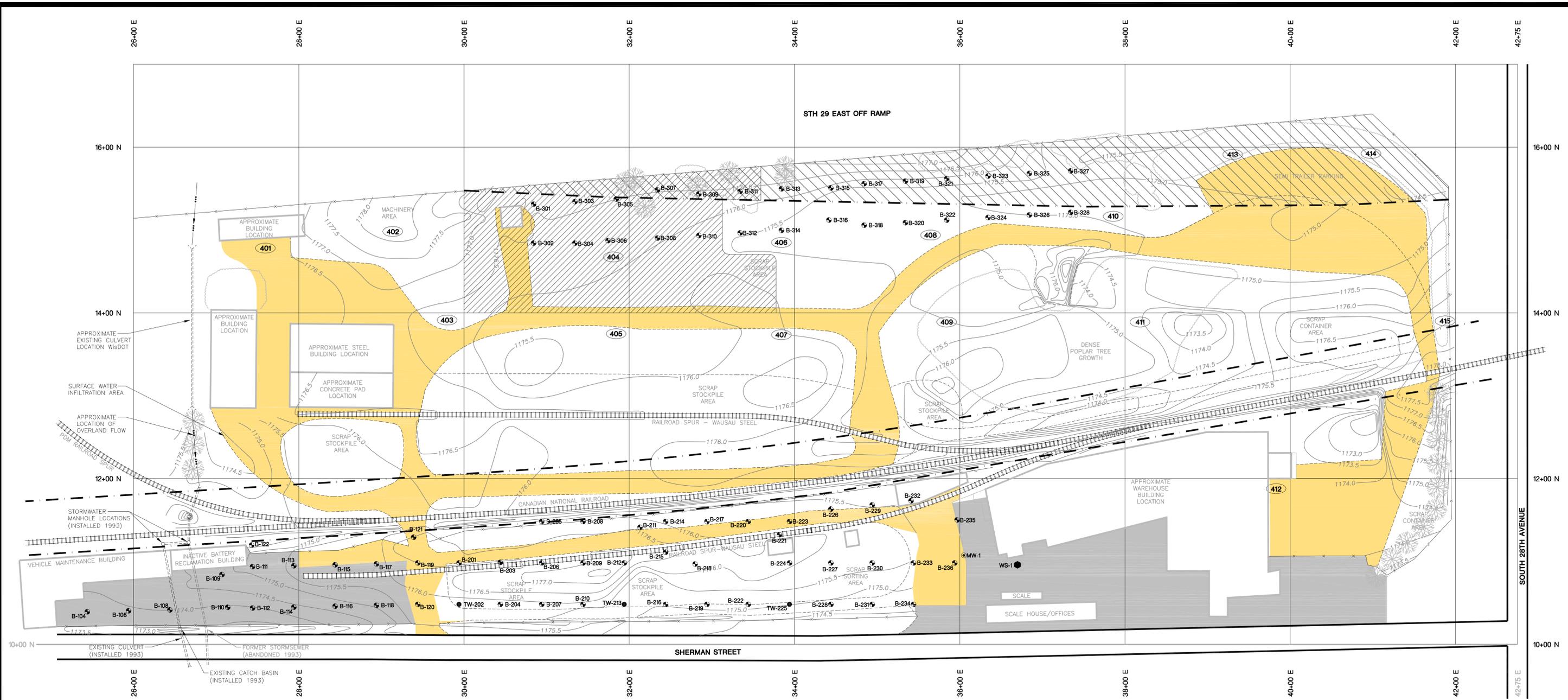
**SITE LOCATION MAP  
WAUSAU STEEL  
WAUSAU, WISCONSIN**

SOURCE: BASE MAP FROM WAUSAU WEST, WI.  
7.5 MIN. USGS QUADRANGLE.  
LOCATION: SE 1/4, NE 1/4, SEC. 33, T29N, R7E.



DWN. BY:	FASSBENS
APPROVED BY:	<i>MMAW</i>
DATE:	SEPTEMBER 1999
PROJ. #	3929.17
FILE #	39291703.DWG

**FIGURE 1-1**



**LEGEND**

	APPROXIMATE RAILROAD RIGHT OF WAY		EXISTING PAVING (1.7 ACRES)
	EXISTING RAILROAD		EXISTING CRUSHED GRANITE OR ROAD BASE COVER
	EXISTING FENCE		LEAD CONCENTRATIONS BELOW 500 mg/kg
	STORMWATER CULVERT		APPROXIMATE AREA OF WISCONSIN DEPARTMENT OF TRANSPORTATION ACQUISITION
	ROAD AREAS		
	EXISTING BRUSH OR TREES		
	EXISTING PINE TREE		
	BORING LOCATION (SEE NOTE 2)		
	TEMPORARY WELL LOCATION (SEE NOTE 2)		
	MONITORING WELL LOCATION		
	WATER SUPPLY WELL (APPROXIMATE LOCATION)		
	COMPOSITE SAMPLING ZONE LABEL		

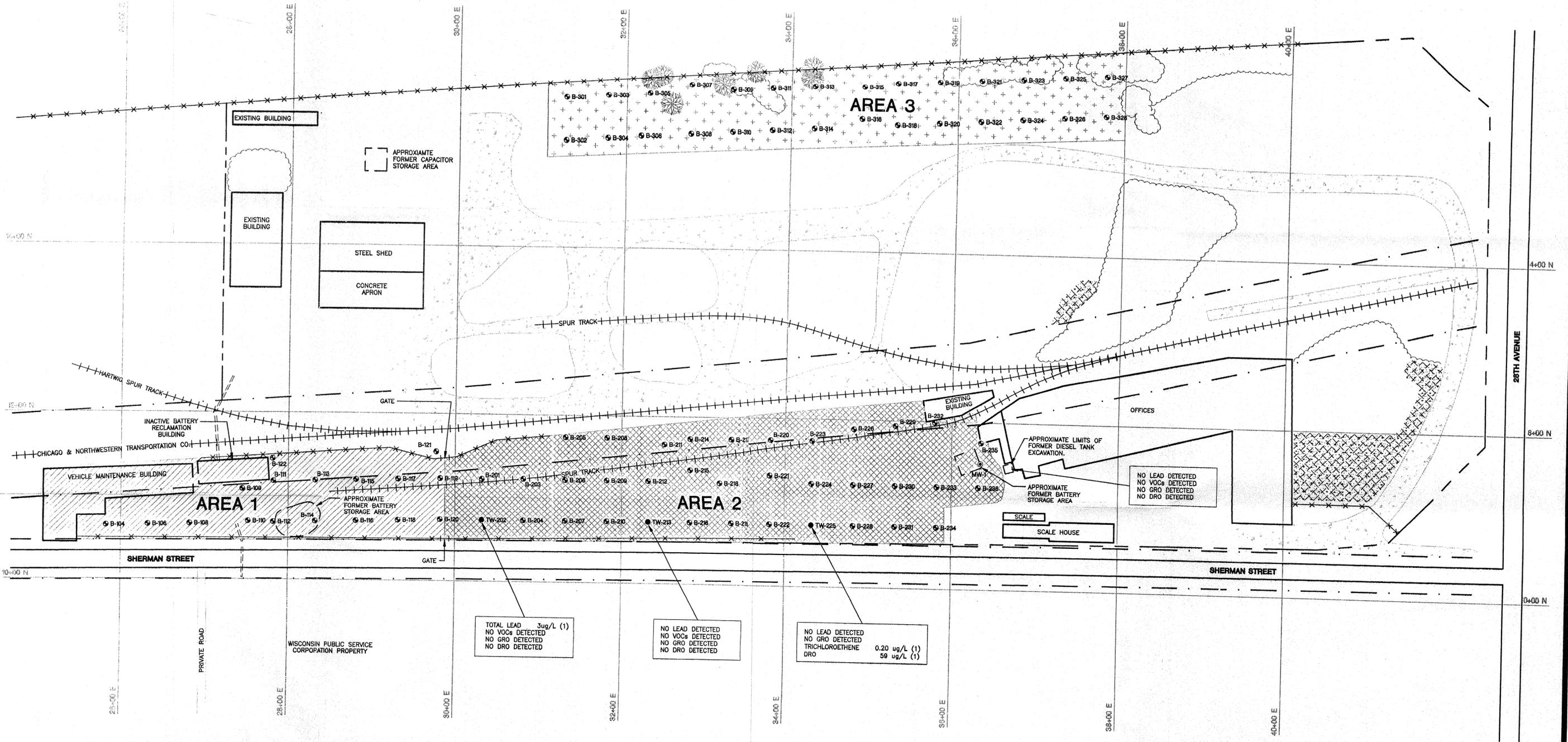
- NOTES**
1. BASE MAP PREPARED FROM GROUND SURVEY PERFORMED BY JENKINS SURVEY AND DESIGN, DATE OF SURVEY APRIL 5 AND 6, 2005. ELEVATIONS BASED ON CITY OF WAUSAU DATUM (NGVD29).
  2. SOIL BORINGS WERE COLLECTED DURING THE SITE INVESTIGATION (RMT, 1999). BORING LOCATIONS WERE MEASURED FROM SITE FEATURES (E.G. BUILDING CORNERS) AND ARE APPROXIMATE. THE BORING LABELING CONVENTION INCLUDES:  
 B (FOR BORING) - AREA# (1 DIGIT) LOCATION# (2 DIGITS)  
 TW (FOR TEMPORARY WELL) - AREA# (1 DIGIT) LOCATION# (2 DIGITS)
  3. THE GROUND SURVEY WAS OBSTRUCTED BY SEMI TRAILERS IN AREAS 413 AND 414.
  4. LOCATIONS OF FORMER AND EXISTING CULVERTS IN THE AREA NEAR THE INACTIVE BATTERY RECLAMATION BUILDING OBTAINED FROM RCI, 1994.
  5. THE LOCATIONS OF CULVERTS AND DITCH LINES LOCATED TO THE NORTHWEST OF WAUSAU STEEL PROPERTY WERE OBTAINED FROM WAUSAU STEEL AND ARE APPROXIMATE.
  6. WAUSAU STEEL INDICATES THAT IT DOES NOT OWN PROPERTY BETWEEN THE CANADIAN NATIONAL RAILROAD LINE AND THE PDM RAILROAD SPUR.
  7. THE RAILROAD RIGHT OF WAY LINES WERE LOCATED BASED ON DISCUSSIONS WITH WAUSAU STEEL AND WILL BE VERIFIED WITH THE CANADIAN NATIONAL RAILROAD.

N

3.	0	60	120
2.	SCALE: 1" = 60'		
1.			
NO.	BY	DATE	REVISION
PROJECT: <b>WAUSAU STEEL CORPORATION REMEDIAL ACTION PLAN WAUSAU, WISCONSIN</b>			
SHEET TITLE: <b>EXISTING CONDITIONS</b>			
DRAWN BY:	MEYERHOC	SCALE:	1" = 60'
CHECKED BY:	DM	PROJ. NO.:	03929.28
APPROVED BY:	CRJ	FILE NO.:	39292803.DWG
DATE:	JUNE 2005	DATE PRINTED:	<b>FIGURE 1</b>

744 Heartland Trail  
 Madison, WI 53717-1934  
 P.O. Box 8923 53708-8923  
 Phone: 608-831-4444  
 Fax: 608-831-3334

Drawing Name: J:\03929\039292803.dwg  
 Operator Name: meyerhoc  
 Date Plotted: 7/7/05  
 Plot Size: 26, 26, 2005  
 Plot Time: 3:25:57 PM  
 Attached Images: No images attached



TOTAL LEAD 3ug/L (1)  
 NO VOCs DETECTED  
 NO GRO DETECTED  
 NO DRO DETECTED

NO LEAD DETECTED  
 NO VOCs DETECTED  
 NO GRO DETECTED  
 NO DRO DETECTED

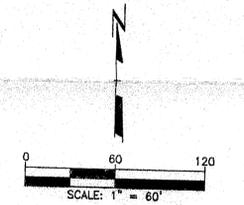
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 TRICHLOROETHENE 0.20 ug/L (1)  
 DRO 59 ug/L (1)

NO LEAD DETECTED  
 NO VOCs DETECTED  
 NO GRO DETECTED  
 NO DRO DETECTED

**LEGEND**

— — — — —	EXISTING RIGHT OF WAY		FORMER BATTERY/CAPACITOR STORAGE AREA
— — — — —	EXISTING PROPERTY BOUNDARY		GRAVEL AREA
+++++	EXISTING RAILROAD		APPROXIMATE LIMITS OF AREA 1
-x-x-x-x-	EXISTING FENCE		APPROXIMATE LIMITS OF AREA 2
- - - - -	EXISTING CULVERT		APPROXIMATE LIMITS OF AREA 3
	EXISTING PINE TREE		B-219 BORING LOCATION (SEE NOTE 2)
	EXISTING BRUSH OR TREES		TW-215 TEMPORARY WELL LOCATION (SEE NOTE 2)
	CONCRETE AND SCRAPE METAL		MW-1 MONITORING WELL LOCATION

- NOTES**
- BASEMAP PREPARED FROM WARZYN (1989) AND RCI (1991) MAPS.
  - THE BORING LABELLING CONVENTION INCLUDES:  
 B (FOR BORING) - AREA# (1 DIGIT) LOCATION# (2 DIGITS)  
 TW (FOR TEMPORARY WELL) - AREA# (1 DIGIT) LOCATION# (2 DIGITS)
- (1) ESTIMATED CONCENTRATION, LESS THAN LABORATORY LOD (LIMIT OF QUANTIFICATION) AND GREATER THAN LABORATORY LOD (LIMIT OF DETECTION).



PROJECT: **WAUSAU STEEL CORPORATION SITE INVESTIGATION WAUSAU, WISCONSIN**

SHEET TITLE: **GROUNDWATER SAMPLING RESULTS (08/09/99)**

DRAWN BY: FASSBENS	SCALE: 1" = 60'	PROJ. NO. 3929.17
CHECKED BY: ARJ		FILE NO. 39291708.DWG
APPROVED BY: MAW	DATE PRINTED: SEP 24 1999	<b>FIGURE 3-5</b>
DATE: SEPTEMBER 1999		

**RMT.**

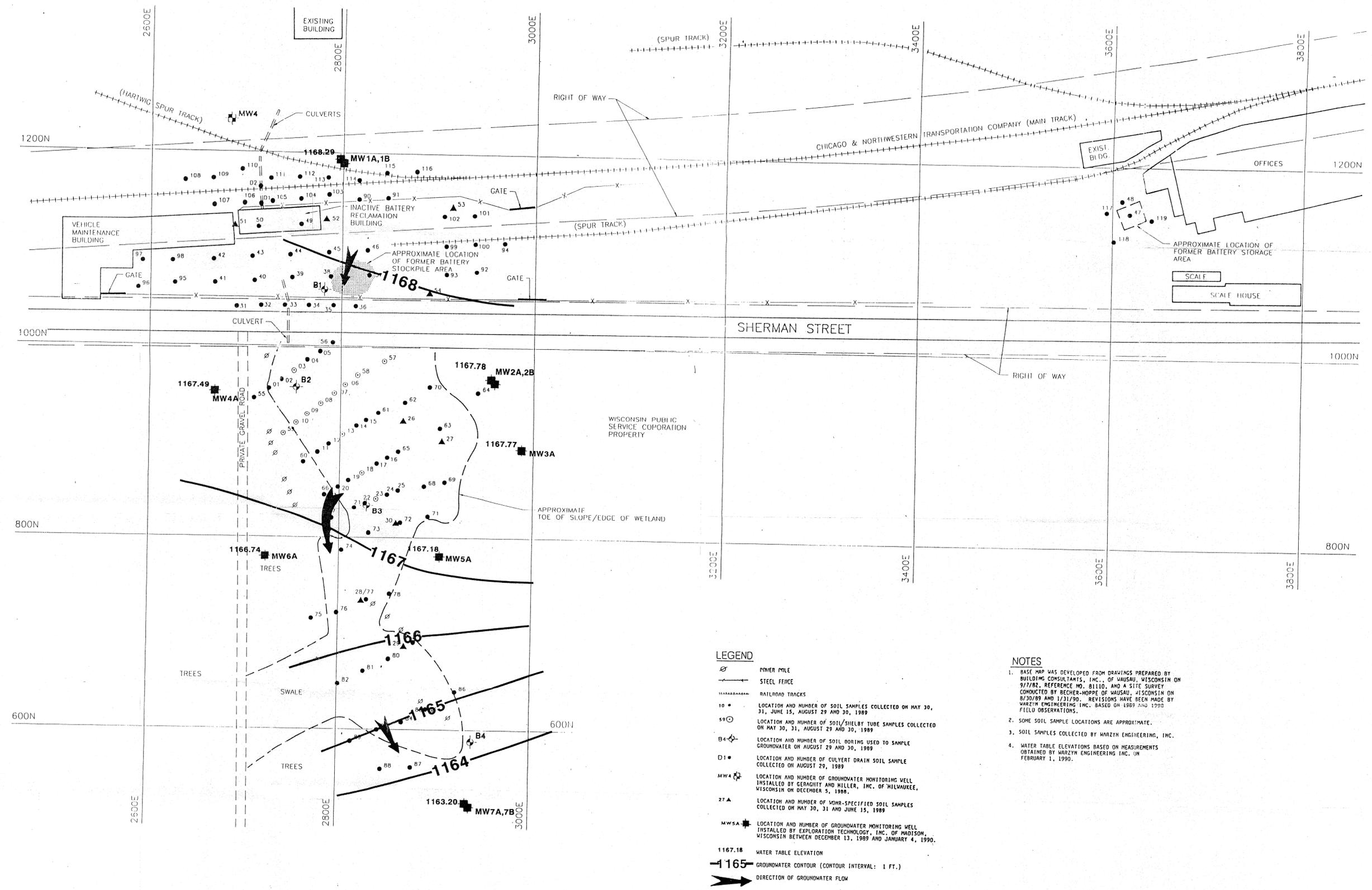
744 Heartland Trail  
 Madison, WI 53717-1934  
 P.O. Box 8923  
 Madison, WI 53708-8923  
 Phone: 608/831-4444

2/07/01/2  
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 Plot Date: 09/24/99  
 Plot Time: 10:58 AM  
 Attachment Type: No user defined attachment.



QUALITY CONTROL	DATE
REVIEW	
Drafting Standards	
Lead Professional	
Project Manager	
Checker	
DATE	

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AUGER	
Overlay	
Screen	

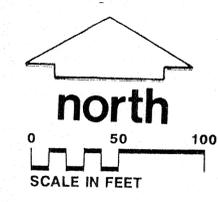


**LEGEND**

- PIVOT POLE
- STEEL FENCE
- RAILROAD TRACKS
- 10 \* LOCATION AND NUMBER OF SOIL SAMPLES COLLECTED ON MAY 30, 31, JUNE 15, AUGUST 29 AND 30, 1989
- 59 O LOCATION AND NUMBER OF SOIL/SHELBY TUBE SAMPLES COLLECTED ON MAY 30, 31, AUGUST 29 AND 30, 1989
- B4 O LOCATION AND NUMBER OF SOIL BORING USED TO SAMPLE GROUNDWATER ON AUGUST 29 AND 30, 1989
- D1 \* LOCATION AND NUMBER OF CULVERT DRAIN SOIL SAMPLE COLLECTED ON AUGUST 29, 1989
- MW4 \* LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL INSTALLED BY GERAGHTY AND HILLER, INC. OF MILWAUKEE, WISCONSIN ON DECEMBER 5, 1988.
- 27 A LOCATION AND NUMBER OF MON-SPECIFIED SOIL SAMPLES COLLECTED ON MAY 30, 31 AND JUNE 15, 1989
- MW5A \* LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL INSTALLED BY EXPLORATION TECHNOLOGY, INC. OF MADISON, WISCONSIN BETWEEN DECEMBER 15, 1989 AND JANUARY 4, 1990.
- 1167.18 WATER TABLE ELEVATION
- 1165- GROUNDWATER CONTOUR (CONTOUR INTERVAL: 1 FT.)
- Direction of groundwater flow

**NOTES**

1. BASE MAP WAS DEVELOPED FROM DRAWINGS PREPARED BY BUILDING CONSULTANTS, INC. OF WAUSAU, WISCONSIN ON 9/7/82, REFERENCE NO. 8110, AND A SITE SURVEY CONDUCTED BY BECHER-HOPPE OF WAUSAU, WISCONSIN ON 8/30/89 AND 1/31/90. REVISIONS HAVE BEEN MADE BY WARZYN ENGINEERING INC. BASED ON 1989 AND 1990 FIELD OBSERVATIONS.
2. SOME SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
3. SOIL SAMPLES COLLECTED BY WARZYN ENGINEERING, INC.
4. WATER TABLE ELEVATIONS BASED ON MEASUREMENTS OBTAINED BY WARZYN ENGINEERING INC. IN FEBRUARY 1, 1990.



**WARZYN**  
WARZYN ENGINEERING INC.  
Madison • Milwaukee  
Ann Arbor • Chicago  
Detroit

Checked By: *BAZ*  
Date: 2/19/90  
Reference: 13590

Designed By: *HLH*  
Drawn By: *HLH*  
Approved By: *HLH*

WARZYN  
WATER TABLE MAP (2-1-90)  
GROUNDWATER SAMPLING AND ANALYSIS  
WAUSAU STEEL CORPORATION  
WAUSAU, WISCONSIN

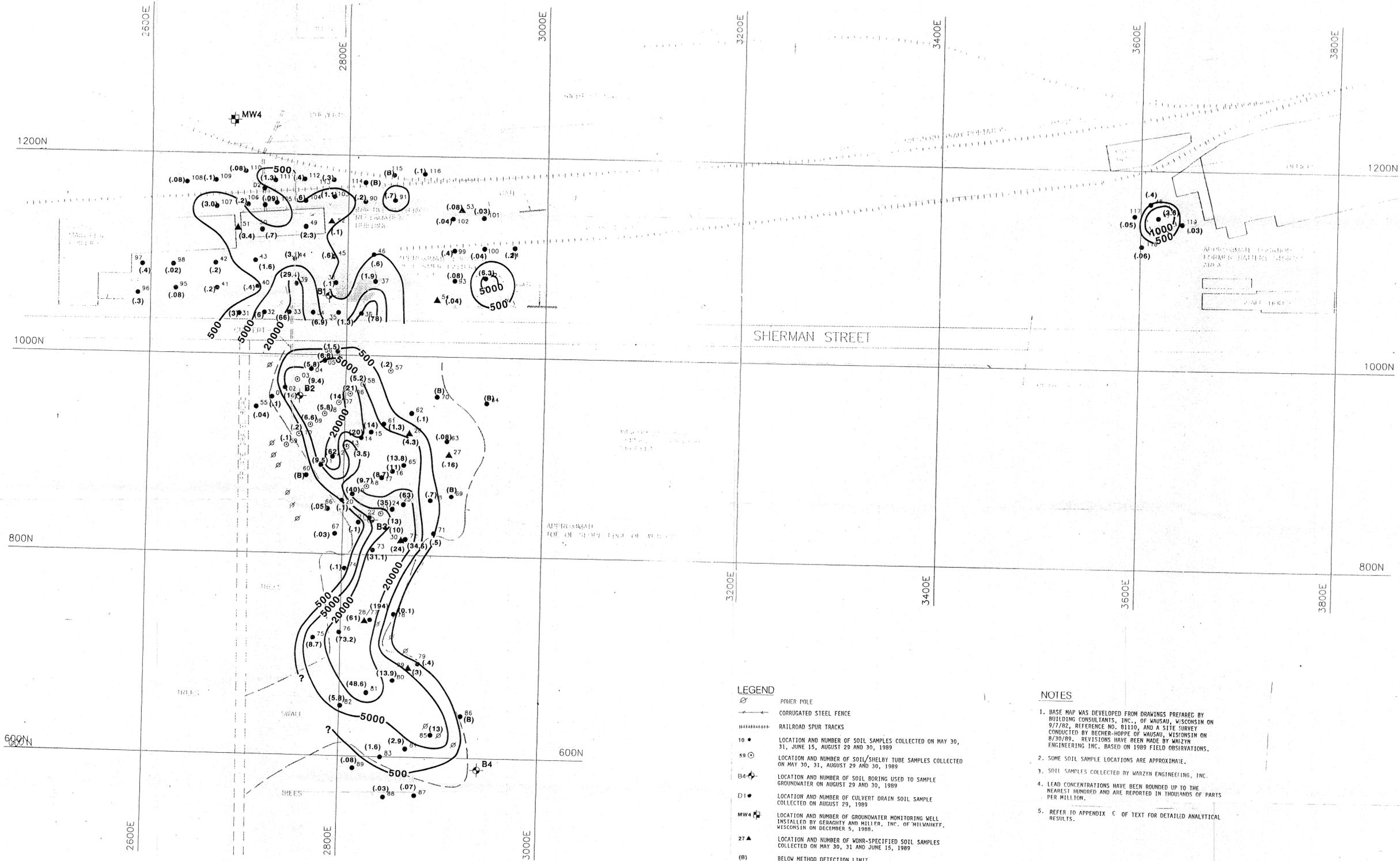
Printed FEB 19 1990  
Sheet Number 2 OF 2  
Project Number 15157

**WARZYN**



QUALITY CONTROL	INITIALS	DATE
REVISION		
SECTION		
LEAD ANALYSIS		
FIELD		
LABORATORY		
OTHER		

DATE	
BY	
SCALE	
OTHER	



**LEGEND**

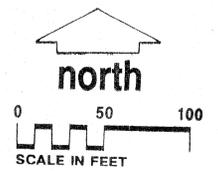
- POWER POLE
- CORRUGATED STEEL FENCE
- ++++ RAILROAD SPUR TRACKS
- 10 ● LOCATION AND NUMBER OF SOIL SAMPLES COLLECTED ON MAY 30, 31, JUNE 15, AUGUST 29 AND 30, 1989
- 59 ○ LOCATION AND NUMBER OF SOIL/SHELBY TUBE SAMPLES COLLECTED ON MAY 30, 31, AUGUST 29 AND 30, 1989
- B4 ● LOCATION AND NUMBER OF SOIL BORING USED TO SAMPLE GROUNDWATER ON AUGUST 29 AND 30, 1989
- D1 ● LOCATION AND NUMBER OF CULVERT DRAIN SOIL SAMPLE COLLECTED ON AUGUST 29, 1989
- MW4 ● LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL INSTALLED BY GERAGHTY AND MILLER, INC. OF MILWAUKEE, WISCONSIN ON DECEMBER 5, 1988.
- 27 ▲ LOCATION AND NUMBER OF MON-SPECIFIED SOIL SAMPLES COLLECTED ON MAY 30, 31 AND JUNE 15, 1989
- (B) BELOW METHOD DETECTION LIMIT
- (NS) NO SAMPLE
- (5.8) LEAD CONCENTRATION IN PPM (X1000)
- 1000- ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

**NOTES**

1. BASE MAP WAS DEVELOPED FROM DRAWINGS PREPARED BY BUILDING CONSULTANTS, INC., OF WAUSAU, WISCONSIN ON 9/7/82, REFERENCE NO. B1110, AND A SITE SURVEY CONDUCTED BY BECHER-HOPPE OF WAUSAU, WISCONSIN ON 8/30/89. REVISIONS HAVE BEEN MADE BY WARZYN ENGINEERING INC. BASED ON 1989 FIELD OBSERVATIONS.
2. SOME SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
3. SOIL SAMPLES COLLECTED BY WARZYN ENGINEERING, INC.
4. LEAD CONCENTRATIONS HAVE BEEN ROUNDED UP TO THE NEAREST HUNDRED AND ARE REPORTED IN THOUSANDS OF PARTS PER MILLION.
5. REFER TO APPENDIX C OF TEXT FOR DETAILED ANALYTICAL RESULTS.

CLIENT REVIEW PRINT  
 DATE ISSUED: October 11, 1989  
 This print has been reviewed and checked in accordance with Warzyn Quality Control Standards.  
 WEI SIGNATURE: [Signature]

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Checked By: **MAD**  
 Date: \_\_\_\_\_  
 Down By: **HJH**  
 Approved By: \_\_\_\_\_  
 Reference: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**WARZYN**  
 WARZYN ENGINEERING INC.  
 Madison • Milwaukee  
 Minneapolis • Chicago  
 Detroit

LEAD ISOCENTRATION MAP  
 0-6" INTO NATIVE SOIL (x1000)

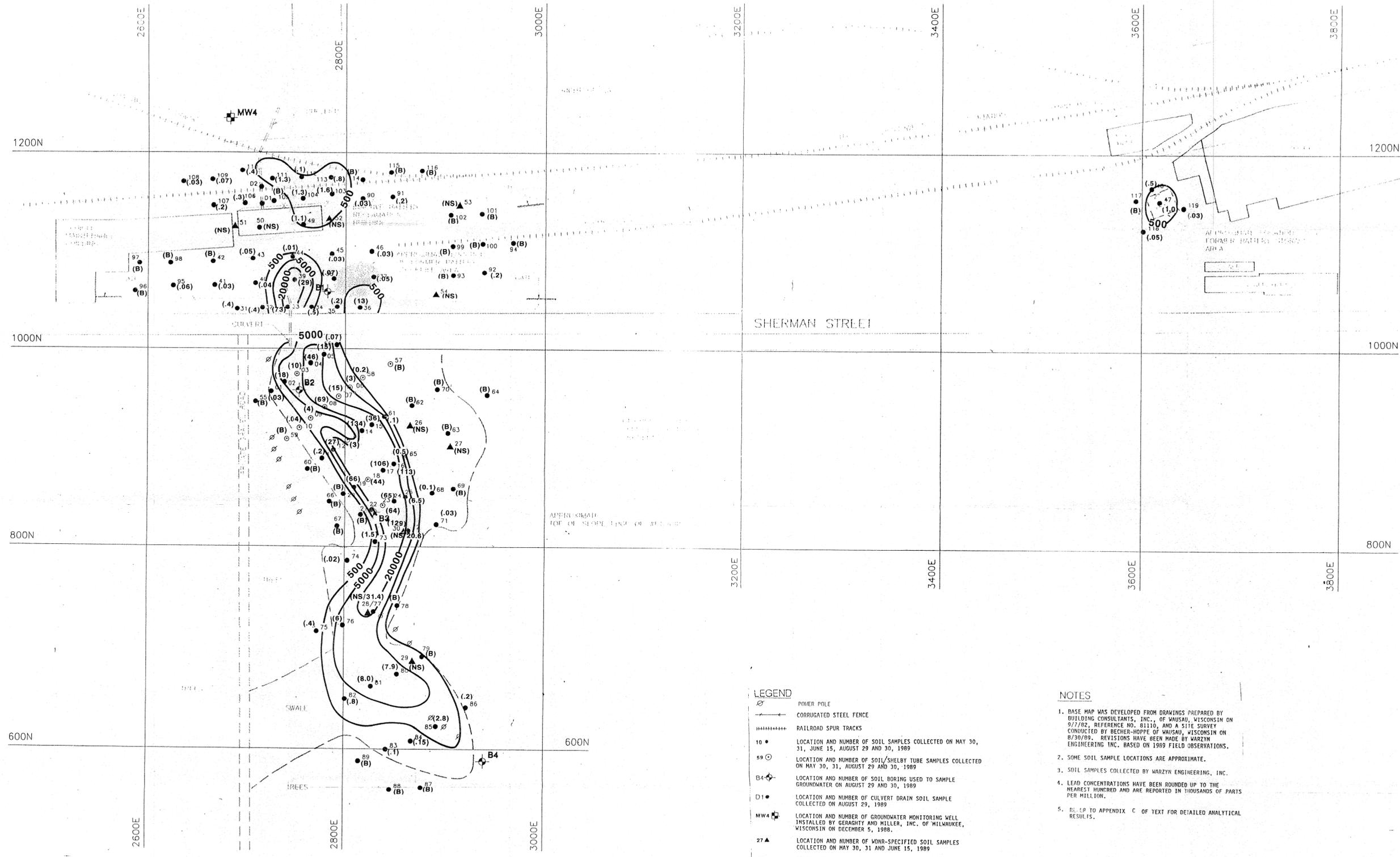
LEAD CONTAMINATION STUDY  
 WAUSAU STEEL CORPORATION  
 WAUSAU, WISCONSIN

Printed: OCT 11 1989  
 Sheet Number: 5 OF 8  
 Project Number: 13590 **5**

**WARZYN**

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VERIFYING STANDARDS		
LEAD PROFESSIONAL		
PERMITS		
PROJECT		
REVISION		
DATE		

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ALTER	
OVERLAY	
SCREEN	

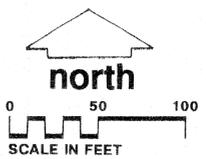


- LEGEND**
- POWER POLE
  - CORRUGATED STEEL FENCE
  - ++++ RAILROAD SPUR TRACKS
  - 10 ● LOCATION AND NUMBER OF SOIL SAMPLES COLLECTED ON MAY 30, 31, JUNE 15, AUGUST 29 AND 30, 1989
  - 59 ○ LOCATION AND NUMBER OF SOIL/SHELBY TUBE SAMPLES COLLECTED ON MAY 30, 31, AUGUST 29 AND 30, 1989
  - B4 ◊ LOCATION AND NUMBER OF SOIL BORING USED TO SAMPLE GROUNDWATER ON AUGUST 29 AND 30, 1989
  - D1 ● LOCATION AND NUMBER OF CULVERT DRAIN SOIL SAMPLE COLLECTED ON AUGUST 29, 1989
  - MW4 ◻ LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL INSTALLED BY GERAGHTY AND MILLER, INC. OF MILWAUKEE, WISCONSIN ON DECEMBER 5, 1988.
  - 27 ▲ LOCATION AND NUMBER OF WNR-SPECIFIED SOIL SAMPLES COLLECTED ON MAY 30, 31 AND JUNE 15, 1989
  - (B) BELOW METHOD DETECTION LIMIT
  - (NS) NO SAMPLE
  - (5.B) LEAD CONCENTRATION IN PPM (X1000)
  - 1000- ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

- NOTES**
1. BASE MAP WAS DEVELOPED FROM DRAWINGS PREPARED BY BUILDING CONSULTANTS, INC., OF WAUSAU, WISCONSIN ON 9/7/82, REFERENCE NO. 81110, AND A SITE SURVEY CONDUCTED BY BECHER-HOPPE OF WAUSAU, WISCONSIN ON 8/30/89. REVISIONS HAVE BEEN MADE BY WARZYN ENGINEERING INC. BASED ON 1989 FIELD OBSERVATIONS.
  2. SOME SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
  3. SOIL SAMPLES COLLECTED BY WARZYN ENGINEERING, INC.
  4. LEAD CONCENTRATIONS HAVE BEEN ROUNDED UP TO THE NEAREST HUNDRED AND ARE REPORTED IN THOUSANDS OF PARTS PER MILLION.
  5. REF. TO APPENDIX C OF TEXT FOR DETAILED ANALYTICAL RESULTS.

CLIENT REVIEW PRINT  
 DATE ISSUED: October 11, 1989  
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 WEI SIGNATURE: *M. J. [Signature]*

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LEAD ISOCONCENTRATION MAP  
 6-12" INTO NATIVE SOIL (X1000)

LEAD CONTAMINATION STUDY  
 WAUSAU STEEL CORPORATION  
 WAUSAU, WISCONSIN

Revisions: \_\_\_\_\_  
 Date: By: App'd: \_\_\_\_\_  
 Approved By: \_\_\_\_\_  
 Designed By: H.L.H.  
 Checked By: M.A.O.  
 Date: \_\_\_\_\_  
 Reference: \_\_\_\_\_

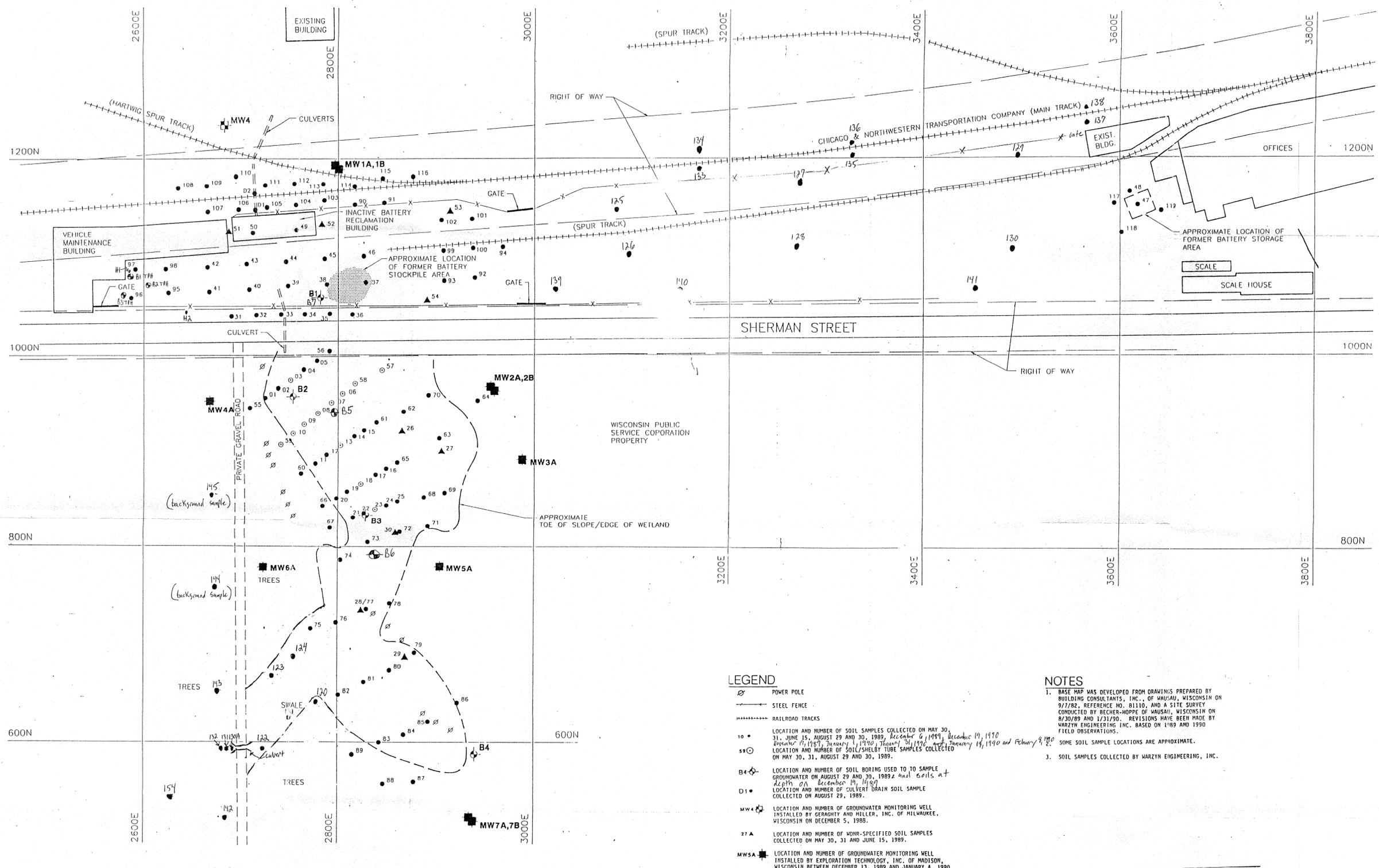
Printed: OCT 11 1989  
 Sheet Number: 6 OF 8  
 Project Number: 13590  
**WARZYN**

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MASTER BLUE PRINT INC. 85172
SCALE
OVERLAY
SCREEN



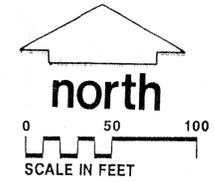
**LEGEND**

- POWER POLE
- STEEL FENCE
- ++++ RAILROAD TRACKS
- 10 • LOCATION AND NUMBER OF SOIL SAMPLES COLLECTED ON MAY 30, 31, JUNE 15, AUGUST 29 AND 30, 1989, DECEMBER 6, 1989, DECEMBER 19, 1990, JANUARY 11, 1991, JANUARY 31, 1990, JANUARY 31, 1990, JANUARY 18, 1990 and February 9, 1990. SOME SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
- 59 ○ LOCATION AND NUMBER OF SOIL/SHELFY TUBE SAMPLES COLLECTED ON MAY 30, 31, AUGUST 29 AND 30, 1989.
- B4 • LOCATION AND NUMBER OF SOIL BORING USED TO TO SAMPLE GROUNDWATER ON AUGUST 29 AND 30, 1989 and soils at depth on December 19, 1989.
- D1 • LOCATION AND NUMBER OF CULVERT DRAIN SOIL SAMPLE COLLECTED ON AUGUST 29, 1989.
- MW4 • LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL INSTALLED BY GERHARTY AND MILLER, INC. OF MILWAUKEE, WISCONSIN ON DECEMBER 5, 1988.
- 27 ▲ LOCATION AND NUMBER OF MON-SPECIFIED SOIL SAMPLES COLLECTED ON MAY 30, 31 AND JUNE 15, 1989.
- MW5A • LOCATION AND NUMBER OF GROUNDWATER MONITORING WELL INSTALLED BY EXPLORATION TECHNOLOGY, INC. OF MADISON, WISCONSIN BETWEEN DECEMBER 13, 1989 AND JANUARY 4, 1990.

**NOTES**

1. BASE MAP WAS DEVELOPED FROM DRAWINGS PREPARED BY BUILDING CONSULTANTS, INC., OF WAUSAU, WISCONSIN ON 9/7/82, REFERENCE NO. 8110, AND A SITE SURVEY CONDUCTED BY BECHER-HOPPE OF WAUSAU, WISCONSIN ON 8/30/89 AND 1/31/90. REVISIONS HAVE BEEN MADE BY WARZYN ENGINEERING INC. BASED ON 1/89 AND 1990 FIELD OBSERVATIONS.
3. SOIL SAMPLES COLLECTED BY WARZYN ENGINEERING, INC.

**CLIENT REVIEW PRINT**  
 DATE ISSUED: 2/14/90  
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 WARZYN ENGINEERING INC.  
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Designed By: \_\_\_\_\_  
 Drawn By: HLH  
 Checked By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Reference: 13590

Date: By: App'd: \_\_\_\_\_  
 Approved By: \_\_\_\_\_  
 Revisions: \_\_\_\_\_

**SITE FEATURES MAP**  
 Lead Investigation  
 Wausau Steel Corporation  
 WAUSAU, WISCONSIN

Printed: \_\_\_\_\_  
 Sheet Number: \_\_\_\_\_  
 Project Number: 15167  
**WARZYN**

**FIGURE 2**

RCI, 1991

LEGEND

- \* PINE TREE
- ☁ BRUSH OR TREES
- ▨ LIGHT CONCENTRATION OF RUBBER CHIPS
- HEAVIER CONCENTRATION OF RUBBER CHIPS

LEAD CONCENTRATIONS (mg/kg) IN THE SOIL

Row	A-Line		
	0.0-0.5 ft	0.5-1.0 ft	1.0-1.5 ft
Station			
1	1,830	23	30
2	6,840	163	5
3	66,900	28,200	1,280
4	31	5	5
5	3,240	69	4,180
6	9,280	17	5
7	29,700	91	5
8	2,280	5	17
9	1,350	89	43
10	525	36	14
11	104	17	5

Row	B-Line		
	0.0-0.5 ft	0.5-1.0 ft	1.0-1.5 ft
Station			
1	1,560	16	5
2	30	401	23
3	23,600	83	15
4	94	5	5
5	2,730	31	15
6	13,500	65	5
7	23,300	163	150
8	41,600	53	5
9	578	48,900	9,710
10	79,300	13,100	3,490
11	169	2,400	331

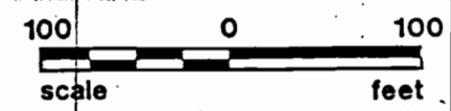
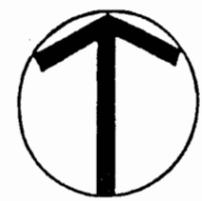
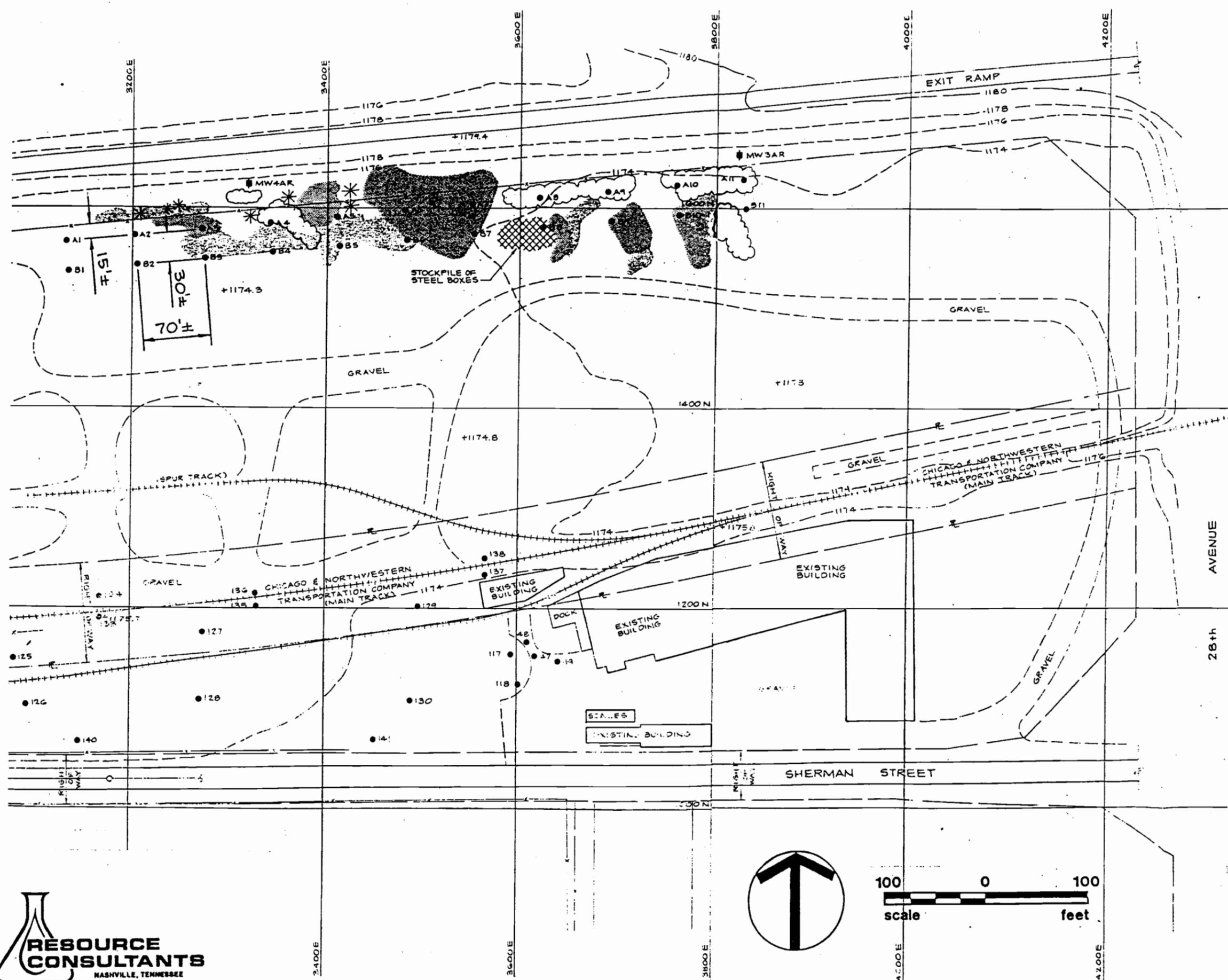
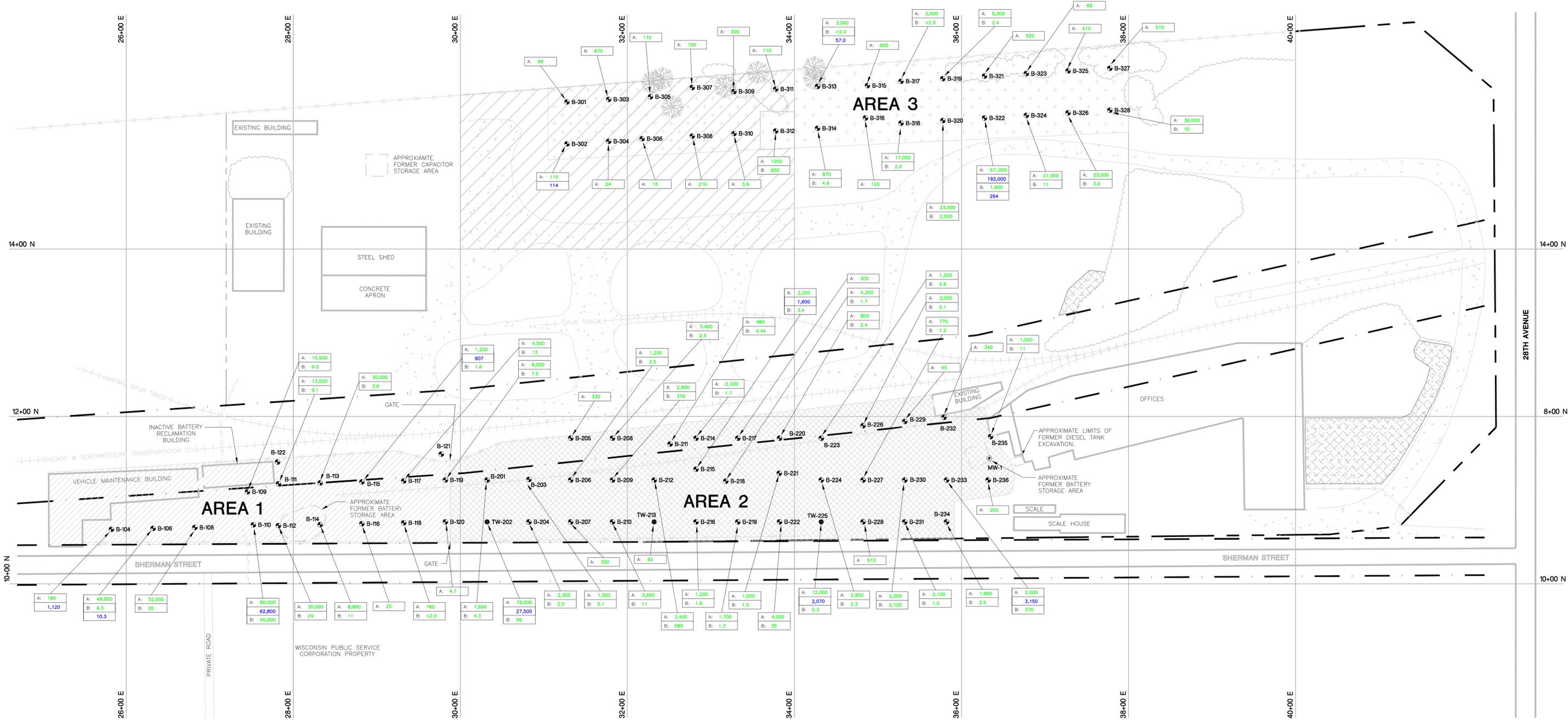


FIGURE I  
 SOIL SAMPLING  
 LOCATIONS AT NORTH  
 PROPERTY LINE  
 WAUSAU STEEL CORP.  
 WAUSAU, WISCONSIN  
 SAMPLES COLLECTED  
 AUGUST 5-6, 1991

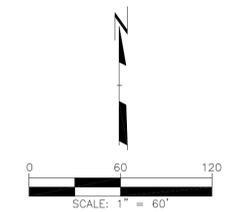


**LEGEND**

- EXISTING RIGHT OF WAY
- - - EXISTING PROPERTY BOUNDARY
- ++++ EXISTING RAILROAD
- XXXX EXISTING FENCE
- - - EXISTING CULVERT
- 🌲 EXISTING PINE TREE
- 🌳 EXISTING BRUSH OR TREES
- ▨ CONCRETE AND SCRAPE METAL
- ▨ FORMER BATTERY/CAPACITOR STORAGE AREA
- ▨ GRAVEL AREA
- ▨ APPROXIMATE LIMITS OF MINIMAL TO NO LEAD IMPACTS
- ▨ APPROXIMATE LIMITS OF AREA 1
- ▨ APPROXIMATE LIMITS OF AREA 2
- ▨ APPROXIMATE LIMITS OF AREA 3
- B-219 BORING LOCATION (SEE NOTE 2)
- TW-215 TEMPORARY WELL LOCATION (SEE NOTE 2)
- ⊙ MW-1 MONITORING WELL LOCATION
- A DENOTES SAMPLES TAKEN FROM THE 0-2 FOOT INTERVAL
- B DENOTES SAMPLES TAKEN FROM THE 2-4 FOOT INTERVAL
- 160 TOTAL LEAD SCREENING RESULTS (mg/Kg)
- 1,200 TOTAL LEAD LABORATORY RESULTS (mg/Kg)

**NOTES**

1. BASEMAP PREPARED FROM WARZYN (1989) AND RCI (1991) MAPS.
2. THE BORING LABELLING CONVENTION INCLUDES:  
 B (FOR BORING) - AREA# (1 DIGIT)  
 LOCATION# (2 DIGITS)  
 TW (FOR TEMPORARY WELL) - AREA# (1 DIGIT)  
 LOCATION# (2 DIGITS)



PROJECT: **WAUSAU STEEL CORPORATION  
SITE INVESTIGATION  
WAUSAU, WISCONSIN**

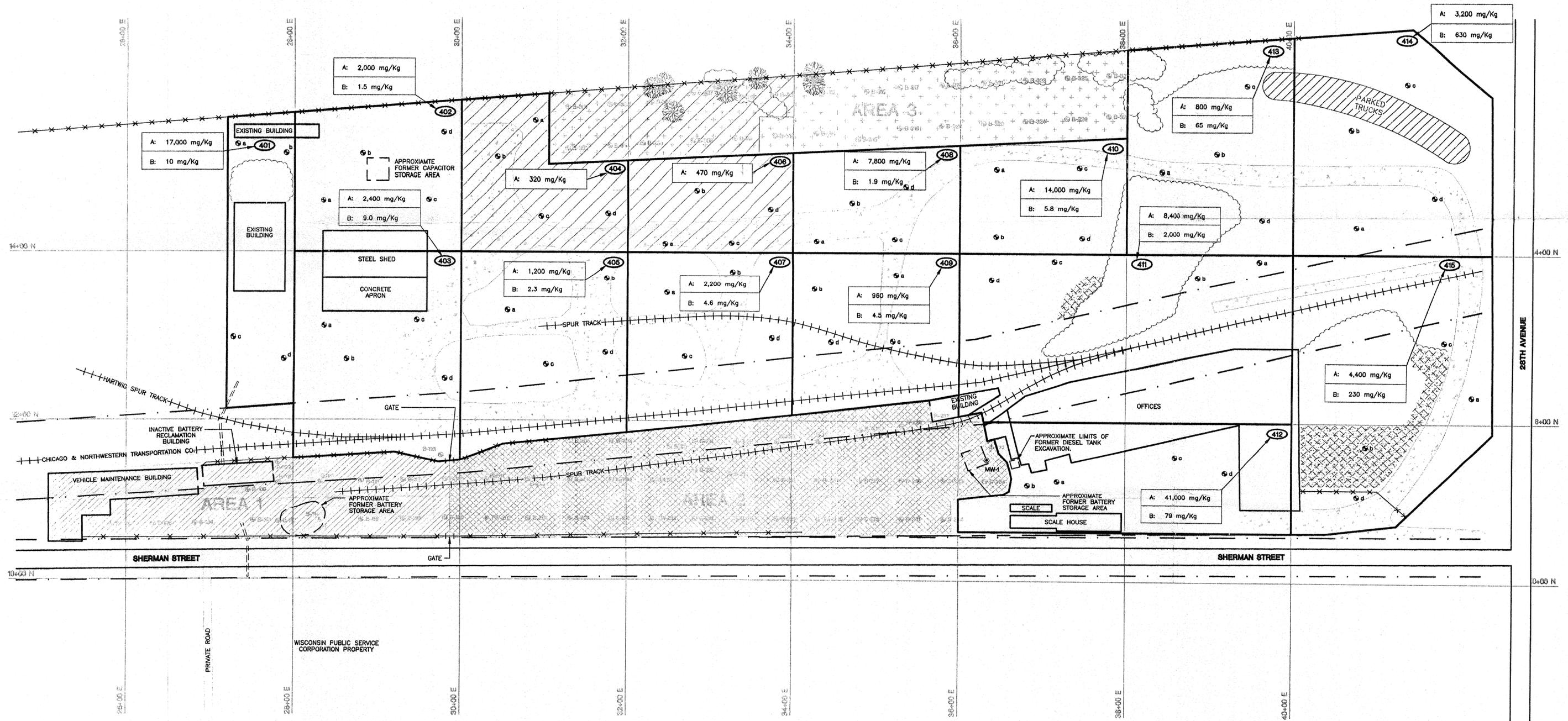
SHEET TITLE: **SOIL TOTAL LEAD LABORATORY AND SCREENING  
RESULTS FOR AREAS 1, 2, AND 3**

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CHECKED BY:	DATE PRINTED:	FILE NO. 39291706.DWG
APPROVED BY:		<b>FIGURE 3-1</b>
DATE: SEPTEMBER 1999		

**RMT**

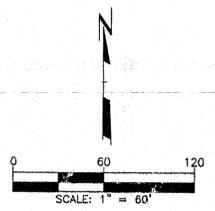
744 Heartland Trail  
Madison, WI 53717-1934  
P.O. Box 8923  
Madison, WI 53708-8923  
Phone: 608/831-4444

Z:\07\_0276  
 Drawing Name: FASSBENS  
 Scale: 1" = 60'  
 Date: Friday, July 30, 1999  
 Plot Date:  
 Attached Xrefs: No xrefs attached.



LEGEND	
	APPROXIMATE LIMITS OF AREA 4 COMPOSITE SAMPLING ZONE
	EXISTING RIGHT OF WAY
	EXISTING PROPERTY BOUNDARY
	EXISTING RAILROAD
	EXISTING FENCE
	EXISTING CULVERT
	EXISTING PINE TREE
	EXISTING BRUSH OR TREES
	CONCRETE AND SCRAPE METAL
	FORMER BATTERY/CAPACITOR STORAGE AREA
	GRAVEL AREA
	APPROXIMATE LIMITS OF AREA 1
	APPROXIMATE LIMITS OF AREA 2
	APPROXIMATE LIMITS OF AREA 3
	APPROXIMATE LIMITS OF MINIMAL TO NO LEAD IMPACTS
	BORING LOCATION (SEE NOTE 2)
	TEMPORARY WELL LOCATION (SEE NOTE 2)
	MONITORING WELL LOCATION
	AREA 4 INDIVIDUAL SAMPLING LOCATION
	AREA 4 COMPOSITE SAMPLING ZONE LABEL
A	DENOTES SAMPLES TAKEN FROM THE 0-2 FOOT INTERVAL
B	DENOTES SAMPLES TAKEN FROM THE 2-4 FOOT INTERVAL

- NOTES**
- BASEMAP PREPARED FROM WARZYN (1989) AND RCI (1991) MAPS.
  - THE BORING LABELLING CONVENTION INCLUDES:  
 B (FOR BORING) - AREA# (1 DIGIT) LOCATION# (2 DIGITS)  
 TW (FOR TEMPORARY WELL) - AREA# (1 DIGIT) LOCATION# (2 DIGITS)
  - AREA 4 SAMPLES ARE COMPOSITES OF SOIL SAMPLES COLLECTED FROM THE FOUR BORINGS (a-b) WITHIN EACH ZONE.
  - TOTAL LEAD SCREENING PERFORMED ON-SITE.



PROJECT: WAUSAU STEEL CORPORATION  
 SITE INVESTIGATION  
 WAUSAU, WISCONSIN

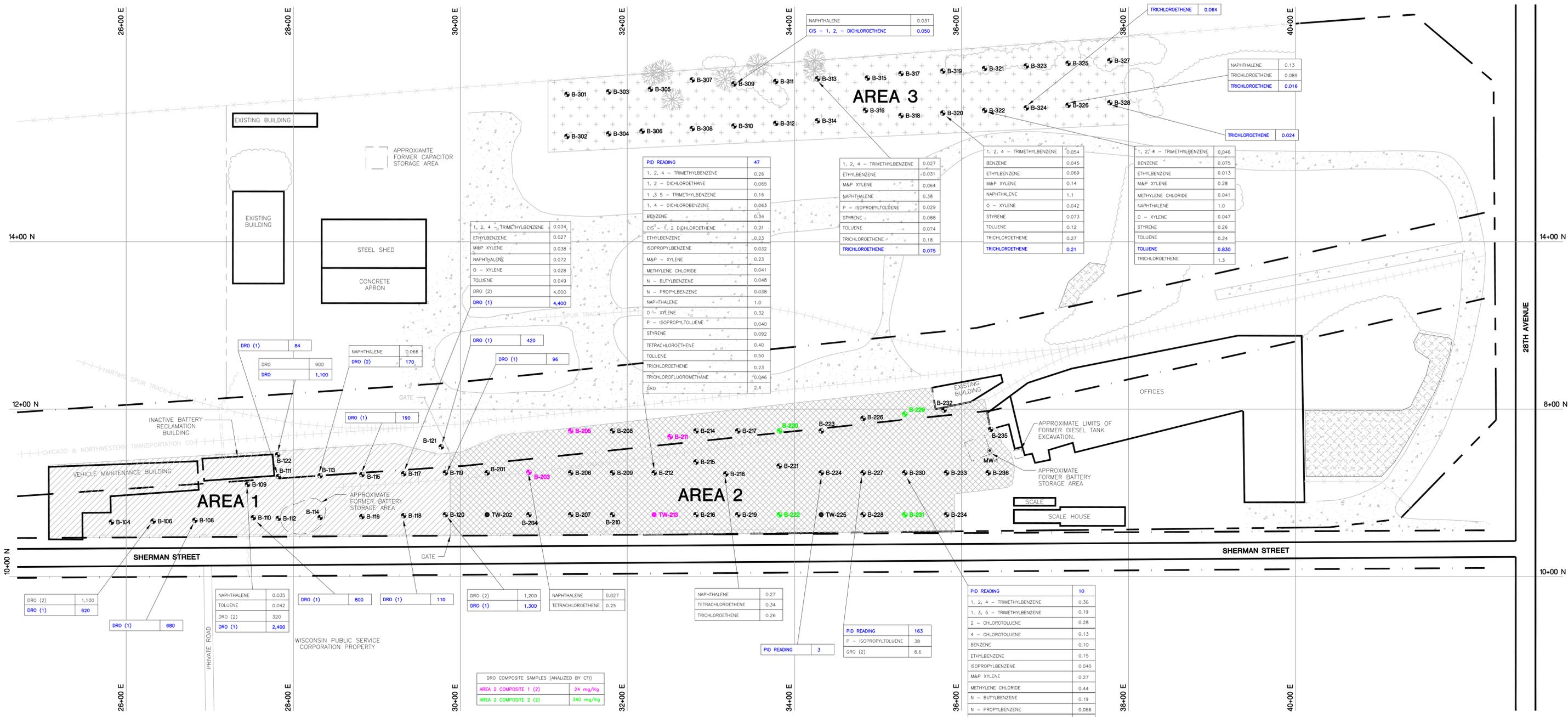
SHEET TITLE:  
 SOIL TOTAL LEAD SCREENING RESULTS FOR AREA 4

DRAWN BY: FASSBENS	SCALE: 1" = 60'	PROJ. NO. 3929.17
CHECKED BY: ARH	DATE PRINTED: SEP 24 1999	FILE NO. 39291705.DWG
APPROVED BY: MHW	DATE: SEPTEMBER 1999	FIGURE 3-2

744 Heartland Trail  
 Madison, WI 53717-1934  
 P.O. Box 8923  
 Madison, WI 53708-8923  
 Phone: 608/831-4444

2107.DWG  
 Drawing Name: 2107.DWG  
 Scale: 1" = 60'  
 Plot Date: Wednesday, July 28, 1999  
 Plot Time: 10:58:00 AM  
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 Plot Layer: 0





**LEGEND**

- EXISTING RIGHT OF WAY
- - - EXISTING PROPERTY BOUNDARY
- + + + EXISTING RAILROAD
- x x x EXISTING FENCE
- - - EXISTING CULVERT
- 🌲 EXISTING PINE TREE
- 🌳 EXISTING BRUSH OR TREES
- ▨ CONCRETE AND SCRAPE METAL
- ▨ APPROXIMATE LIMITS OF AREA 1
- ▨ APPROXIMATE LIMITS OF AREA 2
- + + + APPROXIMATE LIMITS OF AREA 3
- 📍 B-219 BORING LOCATION (SEE NOTE 2)
- TW-215 TEMPORARY WELL LOCATION (SEE NOTE 2)
- ⊙ MW-1 MONITORING WELL LOCATION
- 📍 B-205 BORING INCLUDED IN AREA 2 COMPOSITE SOIL SAMPLE 1, ANALYZED FOR DRO
- 📍 B-220 BORING INCLUDED IN AREA 2 COMPOSITE SOIL SAMPLE 2, ANALYZED FOR DRO
- A DENOTES SAMPLES TAKEN FROM THE 0-2 FOOT INTERVAL
- B DENOTES SAMPLES TAKEN FROM THE 2-4 FOOT INTERVAL
- 620 SCREENING RESULTS (mg/Kg)
- 1,100 LABORATORY RESULTS (mg/Kg)

**NOTES**

- BASEMAP PREPARED FROM WARZYN (1989) AND RCI (1991) MAPS.
- THE BORING LABELLING CONVENTION INCLUDES:  
 B (FOR BORING) - AREA# (1 DIGIT)  
 LOCATION# (2 DIGITS)  
 TW (FOR TEMPORARY WELL) - AREA# (1 DIGIT)  
 LOCATION# (2 DIGITS)
- ALL SAMPLES COLLECTED FROM THE 0-2 FOOT BORING INTERVAL, UNLESS OTHERWISE NOTED.  
 (1) OIL, NOT IDENTIFIED AS DIESEL FUEL.  
 (2) SAMPLE CONTAINED HEAVIER HYDROCARBON FRACTIONS.

PID READING	
1, 2, 4 - TRIMETHYLBENZENE	0.36
1, 3, 5 - TRIMETHYLBENZENE	0.19
2 - CHLOROTOLUENE	0.28
4 - CHLOROTOLUENE	0.13
P - ISOPROPYLTOLUENE	3.8
BENZENE	0.10
ETHYLBENZENE	0.15
ISOPROPYLBENZENE	0.040
M&P XYLENE	0.27
METHYLENE CHLORIDE	0.44
N - BUTYLBENZENE	0.19
N - PROPYLBENZENE	0.066
NAPHTHALENE	0.66
O - XYLENE	0.33
TOLUENE	0.72
TRICHLOROETHENE	0.10
PID READING (2-4 FOOT INTERVAL)	5

DRO COMPOSITE SAMPLES (ANALYZED BY CTV)	
AREA 2 COMPOSITE 1 (2)	24 mg/Kg
AREA 2 COMPOSITE 2 (2)	340 mg/Kg

NAPHTHALENE	0.27
TETRACHLOROETHENE	0.34
TRICHLOROETHENE	0.26

PID READING	
P - ISOPROPYLTOLUENE	3.8
GRO (2)	8.6

PID READING	
1, 2, 4 - TRIMETHYLBENZENE	0.27
ETHYLBENZENE	0.031
M&P XYLENE	0.064
NAPHTHALENE	0.38
P - ISOPROPYLTOLUENE	0.29
STYRENE	0.088
TOLUENE	0.074
TRICHLOROETHENE	0.18
TRICHLOROETHENE	0.075

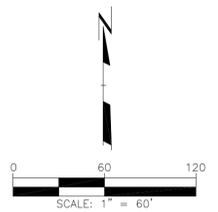
1, 2, 4 - TRIMETHYLBENZENE	0.027
ETHYLBENZENE	0.031
M&P XYLENE	0.064
NAPHTHALENE	0.38
P - ISOPROPYLTOLUENE	0.29
STYRENE	0.088
TOLUENE	0.074
TRICHLOROETHENE	0.18
TRICHLOROETHENE	0.075

1, 2, 4 - TRIMETHYLBENZENE	0.054
BENZENE	0.045
ETHYLBENZENE	0.069
M&P XYLENE	0.14
NAPHTHALENE	1.1
O - XYLENE	0.042
STYRENE	0.073
TOLUENE	0.12
TRICHLOROETHENE	0.27
TRICHLOROETHENE	0.21

1, 2, 4 - TRIMETHYLBENZENE	0.046
BENZENE	0.075
ETHYLBENZENE	0.013
M&P XYLENE	0.28
NAPHTHALENE	0.041
O - XYLENE	1.0
METHYLENE CHLORIDE	0.047
STYRENE	0.26
TOLUENE	0.24
TOLUENE	0.830
TRICHLOROETHENE	1.3

NAPHTHALENE	0.13
TRICHLOROETHENE	0.089
TRICHLOROETHENE	0.016

TRICHLOROETHENE	0.024
-----------------	-------



PROJECT: **WAUSAU STEEL CORPORATION SITE INVESTIGATION WAUSAU, WISCONSIN**

SHEET TITLE: **SOIL VOC LABORATORY AND SCREENING DETECTIONS FOR AREAS 1, 2, AND 3**

DRAWN BY: FASSBENS	SCALE: 1" = 60'	PROJ. NO. 3929-17
CHECKED BY:	DATE PRINTED:	FILE NO. 39291707.DWG
APPROVED BY:		<b>FIGURE 3-3</b>
DATE: SEPTEMBER 1999		

**RMT**

744 Heartland Trail  
 Madison, WI 53717-1934  
 P.O. Box 8923  
 Madison, WI 53708-8923  
 Phone: 608/831-4444

3/27/00  
 Drawing Name: WAUSAU 17\_39291707.dwg  
 Scale: 1" = 60'  
 Date: 9/29/99  
 PLOT DATE: Thursday, July 29, 1999  
 Attached Files: No work is attached.



Warzyn, 1990b

Table 1

Summary of Soil Lead Analytical Results - Plant Yard  
December 1989; January, February and March 1990

Wausau Steel Corporation  
Wausau, Wisconsin

<u>Sample ID</u>	<u>Lead Concentration (mg/kg)</u>
125	4610
126	1680
127	5230
128	4250
129	584
130	2420
133	262
134	122
135	<20
136	26
137	86
138	58
139	2250
140	162
141	1880

Refer to Appendix A of text for detailed analytical results.

MAO/ndj/LB  
[ndj-401-13A]  
15157-MD

RCI, 1991

**TABLE 1**  
**LEAD, CADMIUM AND ANTIMONY RESULTS**

Location	Depth in.	Soil Assay (mg/kg)			TCLP (mg/l)	
		Pb	Cd	Sb	Pb	Cd
A1	0-6	1,830	3.0	1	19.3	<0.005
A2	0-6	6,840	1.6	14		
A3	0-6	66,900	3.3	338		
A3	6-12	28,200	2.9	121		
A3	12-18	1,280			51	<0.005
B3	0-6	23,600	<0.3	5		
A5	12-18	4,180	<0.3	1	<0.1	<0.005
A6	0-6	9,280	<0.3	14	161	<0.005
B6	0-6	13,500	2.8	27	124	0.05
A7	0-6	29,700	<0.3	92	283	0.02
B7	0-6	23,300	<0.3	8		
B8	0-6	41,600	8.4	97		
B9	6-12	48,900	<0.3	184	620	0.03
B9	12-18	9,710	2.1	22		
B10	0-6	79,300	2.4	431		
B10	6-12	13,100	2.4	12		

All assay results are reported on a dry weight basis.



**Table 3-1**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil Lead Analytical Results**

SAMPLE LOCATION	INTERVAL A= 0-2' bgs B= 2-4' bgs	TOTAL LEAD (mg/kg)		TCLP LEAD (mg/L)	
		SCREENING	LABORATORY	SCREENING	LABORATORY
B-104	A	160	1,120	---	17.6
B-106	A	49,000	---	490	---
B-106	B	4.0	10.3	---	0.128
B-108	A	52,000	---	---	---
B-108	B	20	---	---	---
B-109	A	15,000	---	---	---
B-109	B	9.2	---	---	---
B-110	A	80,000	62,800	660	679
B-110	B	40,000	---	480	---
B-111	A	13,000	---	---	---
B-111	B	9.1	---	---	---
B-112	A	30,000	---	670	---
B-112	B	24	---	---	---
B-113	A	30,000	---	---	---
B-113	B	3.6	---	---	---
B-114	A	8,800	---	---	---
B-114	B	11	---	---	---
B-115	A	1,200.0	907	12	11.3
B-115	B	1.6	---	---	---
B-116	A	25	---	---	---
B-117	A	4,500	---	---	---
B-117	B	13	---	---	---
B-118	A	760	---	---	---
B-118	B	<2.0	---	---	---
B-119	A	9,000	---	440	---
B-119	B	7.5	---	---	---
B-120	A	9,500	---	---	---
B-120	B	4.7	---	---	---
B-201	A	7,600	---	---	---
B-201	B	4.3	---	---	---
TW-202	A	79,000	27,500	160	1,460
TW-202	B	56	---	---	---
B-203	A	1,000	---	---	---

Notes:  
 --- = Not analyzed.

**Table 3-1**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil Lead Analytical Results**

SAMPLE LOCATION	INTERVAL A= 0-2' bgs B= 2-4' bgs	TOTAL LEAD (mg/kg)		TCLP LEAD (mg/L)	
		SCREENING	LABORATORY	SCREENING	LABORATORY
B-203	B	5.1	---	---	---
B-204	A	2,300	---	---	---
B-204	B	2.5	---	---	---
B-205	A	330	---	---	---
B-206	A	1,200	---	17	---
B-206	B	2.5	---	---	---
B-207	A	350	---	---	---
B-208	A	3,400	---	---	---
B-208	B	2.5	---	---	---
B-209	A	2,600	---	---	---
B-209	B	370	---	---	---
B-210	A	3,600	---	0.36	---
B-210	B	11	---	---	---
B-211	A	480	---	---	---
B-211	B	0.44	---	---	---
B-212	A	3,400	---	---	---
B-212	B	580	---	---	---
TW-213	A	92	---	---	---
B-214	A	2,300	---	---	---
B-214	B	1.7	---	---	---
B-215	A	2,200	1,600	0.32	6.03
B-215	B	3.4	---	---	---
B-216	A	1,200	---	---	---
B-216	B	1.6	---	---	---
B-217	A	300	---	---	---
B-218	A	4,300	---	---	---
B-218	B	1.7	---	---	---
B-219	A	1,700	---	1.8	---
B-219	B	1.3	---	---	---
B-220	A	800	---	---	---
B-220	B	2.4	---	---	---
B-221	A	1,000	---	---	---
B-221	B	1.5	---	---	---

Notes:  
 --- = Not analyzed.

**Table 3-1**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil Lead Analytical Results**

SAMPLE LOCATION	INTERVAL A= 0-2' bgs B= 2-4' bgs	TOTAL LEAD (mg/kg)		TCLP LEAD (mg/L)	
		SCREENING	LABORATORY	SCREENING	LABORATORY
B-222	A	4,500	---	15	---
B-222	B	35	---	---	---
B-223	A	1,300	---	---	---
B-223	B	2.6	---	---	---
B-224	A	2,900	---	---	---
B-224	B	2.3	---	---	---
TW-225	A	12,000	2,070	110	42.3
TW-225	B	5.3	---	---	---
B-226	A	3,000	---	---	---
B-226	B	21	---	---	---
B-227	A	770	---	---	---
B-227	B	1.2	---	---	---
B-228	A	510	---	---	---
B-229	A	45	---	---	---
B-230	A	2,000	---	11	---
B-230	B	2,100	---	3.5	---
B-231	A	2,100	---	---	---
B-231	B	1.0	---	---	---
B-232	A	340	---	---	---
B-233	A	2,000	3,150	72	63.8
B-233	B	370	---	---	---
B-234	A	1,900	---	---	---
B-234	B	2.5	---	---	---
B-235	A	1,500	---	---	---
B-235	B	11	---	---	---
B-236	A	200	---	---	---
B-301	A	99	---	---	---
B-302	A	110	114	---	0.090
B-303	A	670	---	---	---
B-304	A	24	---	---	---
B-305	A	110	---	---	---
B-306	A	15	---	---	---
B-307	A	100	---	---	---

Notes:  
 --- = Not analyzed.

**Table 3-1**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil Lead Analytical Results**

SAMPLE LOCATION	INTERVAL A= 0-2' bgs B= 2-4' bgs	TOTAL LEAD (mg/kg)		TCLP LEAD (mg/L)	
		SCREENING	LABORATORY	SCREENING	LABORATORY
B-308	A	210	---	---	---
B-309	A	300	---	---	---
B-310	A	3.6	---	---	---
B-311	A	110	---	---	---
B-312	A	1,000	---	1.4	---
B-312	B	850	---	3.4	---
B-313	A	3,000	---	---	---
B-313	B	<2.0	57.0	---	0.372
B-314	A	870	---	7.1	---
B-314	B	4.6	---	---	---
B-315	A	650	---	---	---
B-316	A	120	---	---	---
B-317	A	3,000	---	---	---
B-317	B	<2.0	---	---	---
B-318	A	17,000	---	---	---
B-318	B	2.0	---	---	---
B-319	A	5,300	---	150	---
B-319	B	2.4	---	---	---
B-320	A	23,000	---	---	---
B-320	B	2,500	---	---	---
B-321	A	520	---	---	---
B-322	A	67,000	192,000	350	555
B-322	B	1,900	264	---	2.20
B-323	A	68	---	---	---
B-324	A	21,000	---	---	---
B-324	B	11	---	---	---
B-325	A	410	---	---	---
B-326	A	23,000	---	400	---
B-326	B	3.0	---	---	---
B-327	A	510	---	---	---
B-328	A	36,000	---	---	---
B-328	B	15	---	---	---
401	A	17,000	---	---	---

Notes:  
 --- = Not analyzed.

**Table 3-1**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil Lead Analytical Results**

SAMPLE LOCATION	INTERVAL A= 0-2' bgs B= 2-4' bgs	TOTAL LEAD (mg/kg)		TCLP LEAD (mg/L)	
		SCREENING	LABORATORY	SCREENING	LABORATORY
401	B	10	---	---	---
402	A	2,000	---	280	---
402	B	1.5	---	---	---
403	A	2,400	---	---	---
403	B	9.0	---	---	---
404	A	320	---	---	---
405	A	1,200	---	---	---
405	B	2.3	---	---	---
406	A	470	---	---	---
407	A	2,200	---	70	---
407	B	4.6	---	---	---
408	A	7,800	---	---	---
408	B	1.9	---	---	---
409	A	960	---	---	---
409	B	4.5	---	---	---
410	A	14,000	---	56	---
410	B	5.8	---	---	---
411	A	8,400	---	---	---
411	B	2,000	---	---	---
412	A	41,000	---	100	---
412	B	79	---	---	---
413	A	800	---	15	---
413	B	65	---	---	---
414	A	3,200	---	---	---
414	B	630	---	---	---
415	A	4,400	---	---	---
415	B	230	---	---	---

Prepared by: SKS & AH 8/10/99

Checked by: LB 8/11/99

Notes:  
--- = Not analyzed.

Warzyn, 1990b

Table 4

Summary of Soil Total Petroleum Hydrocarbon (TPH)  
and Benzene, Ethyl Benzene, Toluene and Xylenes (BETX)  
Analytical Results - Plant Yard

Wausau Steel Corporation  
Wausau, Wisconsin

Sample ID	Gasoline (mg/kg)	Kerosene (mg/kg)	#2 Fuel Oil (mg/kg)	#6 Fuel Oil (mg/kg)	Benzene (mg/kg)	Ethyl Benzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)
H1-SS-0.5	X	X	X	71000 (1)	NT	NT	NT	NT
H1-SS-1.5	X	X	X	3980 (1)	NT	NT	NT	NT
H2-SS-0.5	X	X	X	15900 (1)	NT	NT	NT	NT
H2-SS-1.5	X	X	X	5500 (1)	NT	NT	NT	NT
B1-TPH	X	X	X	146 (1)	X	X	X	X
B2-TPH (4-6)	X	X	X	X	X	BMQL	BMQL	X
B3-TPH	X	X	X	120 (1)	X	X	X	X

(1) - Sample contains what appears to be a hydrocarbon fraction eluting off of the gas chromatograph with a retention time in the range of #6 Fuel Oil. These unknowns do not match reference standards. Concentrations are estimated.

BMQL - Below Method Quantitation Limit

NT - Not Tested

Refer to Appendix B of text for detailed analytical results.

MAO/jlv/MAO  
[ndj-401-13D]  
15157-MD

Warzyn, 1990e

Table 4

Summary of PCB Concentrations - Soils  
Wausau Steel Corporation  
Wausau, Wisconsin

<u>Sample Location</u>	<u>Sample Depth (Ft. Below Ground Surface)</u>	<u>PCB Concentration (mg/kg or PPM)</u>
Capacitor Storage Area		
PC1	Surface	0.74
PC2	Surface	5.45
Pump Storage Area		
PP1	Surface	30.0
PP2	Surface	98.8
B1 (Approx near PP1)	1.0	0.395
B1 (Approx near PP1)	2.0	X
B2 (3 ft south of PP1)	Surface	0.0509
B3 (6 ft south of PP1)	Surface	0.53
Ballast Storage Area		
PB1	Surface	66.6
PB2	Surface	30.2

X = Analyzed, but not detected

DRAFT

MJR/skb/BAI  
[skb-401-66a]  
15157.00  
2-19-90

**Table 3-2a**  
**Wausau Steel Site Investigation (3929.17)**  
**Summary of Soil VOC Screening Detections**

SAMPLE LOCATION		VOCs (mg/kg)	
		cis-1,2-DICHLOROETHENE	TRICHLOROETHENE
B301	A	<0.010	<0.010
B302	A	<0.010	<0.010
B302	B	<0.010	<0.010
B303	A	<0.010	<0.010
B304	A	<0.010	<0.010
B305	A	<0.010	<0.010
B306	A	<0.010	<0.010
B307	A	<0.010	<0.010
B308	A	<0.010	<0.010
B309 <sup>(1)</sup>	A	<b>0.050</b>	<0.010
B309	B	<0.010	<0.010
B310	A	<0.010	<0.010
B310	B	<0.010	<0.010
B311	A	<0.010	<0.010
B312	A	<0.010	<0.010
B313 <sup>(1)</sup>	A	<0.010	<b>0.075</b>
B313	B	<0.010	<0.010
B314	A	<0.010	<0.010
B315	A	<0.010	<0.010
B315	B	<0.010	<0.010
B316	A	<0.010	<0.010
B317	A	<0.010	<0.010
B318	A	<0.010	<0.010
B319	A	<0.010	<0.010
B320 <sup>(1)</sup>	A	<0.010	<b>0.210</b>
B320	B	<0.010	<0.010
B321	A	<0.010	<0.010
B322 <sup>(1)</sup>	A	<0.010	<b>0.830</b>
B322	B	<0.010	<0.010
B323	A	<0.010	<0.010
B324	A	<0.010	<b>0.064</b>
B324	B	<0.010	<0.010
B325	A	<0.010	<0.010
B326 <sup>(1)</sup>	A	<0.010	<b>0.016</b>
B326	B	<0.010	<0.010
B327	A	<0.010	<0.010
B328	A	<0.010	<b>0.024</b>
B328	B	<0.010	<0.010

Notes:

<sup>(1)</sup> Also laboratory-analyzed for VOCs.

A = 0-2 foot boring interval.

B = 2-4 foot boring interval.

Samples screened using a gas chromatograph.

Prepared by: SKS &amp; AH 8/10/99

Checked by: LB 8/10/99

**Table 3-2b**  
**Wausau Steel Site Investigation (3929.17)**  
**Summary of Soil VOC Laboratory Detections**

SAMPLE LOCATION	PID <sup>(1)</sup>	VOCs (mg/kg)																						
		1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROETHANE	1,3,5-TRIMETHYLBENZENE	1,4-DICHLOROBENZENE	2-CHLOROTOLUENE	4-CHLOROTOLUENE	BENZENE	cis-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	m&p-XYLENE	o-XYLENE	METHYLENE CHLORIDE	n-BUTYLBENZENE	n-PROPYLBENZENE	NAPHTHALENE	P-ISOPROPYLTOLUENE	STYRENE	TETRACHLOROETHENE	TOLUENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE	
B109	A	<2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.035	<0.025	<0.025	<0.025	0.042	<0.025	<0.025	
B113	A	<2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.066	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
B117	A	<2	0.034	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.027	<0.025	0.038	0.028	<0.025	<0.025	<0.025	0.072	<0.025	<0.025	<0.025	0.049	<0.025	<0.025	
B203	A	<2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.027	<0.025	<0.025	0.25	<0.025	<0.025	<0.025	
B212	A	47	0.26	0.065	0.16	0.063	<0.025	<0.025	0.34	0.21	0.23	0.032	0.23	0.32	0.041	0.048	0.038	1.0	0.040	0.092	0.40	0.50	0.23	0.046
B218	A	<2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.27	<0.025	<0.025	0.34	<0.025	0.26	<0.025	
B224	A	3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
B227	A	163	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	38	<1.2	<1.2	<1.2	<1.2	<1.2	
B230 <sup>(2)</sup>	A	10	0.36	<0.025	0.19	<0.025	0.28	0.13	0.10	<0.025	0.15	0.040	0.27	0.33	0.44	0.19	0.066	0.66	<0.025	<0.025	<0.025	0.72	0.10	<0.025
B309	A	---	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.031	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
B313	A	---	0.027	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.031	<0.025	0.064	<0.025	<0.025	<0.025	<0.025	0.38	0.029	0.088	<0.025	0.074	0.18	<0.025	
B320	A	---	0.054	<0.025	<0.025	<0.025	<0.025	<0.025	0.045	<0.025	0.069	<0.025	0.14	0.042	<0.025	<0.025	1.1	<0.025	0.073	<0.025	0.12	0.27	<0.025	
B322	A	---	0.046	<0.025	<0.025	<0.025	<0.025	<0.025	0.075	<0.025	0.013	<0.025	0.28	0.047	0.041	<0.025	<0.025	1.0	<0.025	0.26	<0.025	0.24	1.3	<0.025
B326	A	---	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.13	<0.025	<0.025	<0.025	<0.025	0.089	<0.025	

Notes:

<sup>(1)</sup> PID= photoionization detector, field-screened.

<sup>(2)</sup> Sample collected from the 2-4 foot interval at B230 had a PID reading of 5ppm.

All Samples collected from the 0-2 foot boring interval.

--- = not analyzed.

Prepared by: SKS & AH 8/10/99

Checked by: LB 8/10/99

**Table 3-3**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil DRO, GRO, and PAH Analytical Results**

	DRO (mg/kg)		GRO (mg/kg)	PAHs (mg/kg) <sup>(3)(4)</sup>									
	SCREENING RESULTS	LABORATORY RESULTS	LABORATORY RESULTS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	PHENANTHRENE	PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	IDENO(1,2,3-cd)PYRENE
RCLs <sup>(6)</sup>	100	100	100	3.9	0.39	390	0.39	390	30,000	3.9	39	39	3.9
B104	<40	---	---	---	---	---	---	---	---	---	---	---	---
B106	620 <sup>(1)</sup>	1100 <sup>(5)</sup>	---	---	---	---	---	---	---	---	---	---	---
B108	680 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B109	2400 <sup>(1)</sup>	320 <sup>(5)</sup>	---	0.46 <sup>(7)</sup>	2.0 <sup>(7)</sup>	1.3	7.0 <sup>(7)</sup>	0.78	1.5	<0.015	<0.041	<0.015	<0.094
B110	800 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B111	84 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B112	<40	---	---	---	---	---	---	---	---	---	---	---	---
B113	<40	170 <sup>(5)</sup>	---	---	---	---	---	---	---	---	---	---	---
B114	<40	---	---	---	---	---	---	---	---	---	---	---	---
B115	190 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B116	<40	---	---	---	---	---	---	---	---	---	---	---	---
B117 <sup>(8)</sup>	4400 <sup>(1)</sup>	4000 <sup>(5)</sup>	---	0.28 <sup>(7)</sup>	0.84 <sup>(7)</sup>	0.36	2.4 <sup>(7)</sup>	0.059	0.37	0.72 <sup>(7)</sup>	1.2	0.82	0.37 <sup>(7)</sup>
B118	110 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

CTI = Commonwealth Technologies, Inc.  
DRO = diesel range organics.  
GRO = gasoline range organics.  
PAH = polycyclic aromatic hydrocarbons  
RCL = Residual Contaminant Level.  
--- = not analyzed.

Samples were collected from the 0-2 foot boring interval.

<sup>(1)</sup> Oil; contains heavier than DRO components.

<sup>(2)</sup> Identified as a diesel chromatogram.

<sup>(3)</sup> Samples containing the two highest DRO concentrations from Area 1 only were sampled for PAHs.

<sup>(4)</sup> Analyzed in the laboratory by CTI.

<sup>(5)</sup> Sample contained heavier hydrocarbon fractions.

<sup>(6)</sup> NR 700 RCLs for DRO and GRO are based on the protection of groundwater. PAH RCLs are suggested values based on the industrial direct contact pathway (WDNR, 1997).

<sup>(7)</sup> Exceeds suggested RCL for PAH based on the nonindustrial direct contact pathway.

<sup>(8)</sup> Sample was received past the established holding time. Raised Quantitation or Reporting Limit due to dilution for matrix/background interference.

Prepared by: SKS & AH 8/10/99

Checked by: LB 8/11/99

**Table 3-3**  
**Wausau Steel Site Investigation (3929.17)**  
**Soil DRO, GRO, and PAH Analytical Results**

	DRO (mg/kg)		GRO (mg/kg)	PAHs (mg/kg) <sup>(3)(4)</sup>									
	SCREENING RESULTS	LABORATORY RESULTS	LABORATORY RESULTS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE	PHENANTHRENE	PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	IDEN(O(1,2,3-cd))PYRENE
RCLs <sup>(6)</sup>	100		100	3.9	0.39	390	0.39	390	30,000	3.9	39	39	3.9
B119	96 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B120	1300 <sup>(1)</sup>	1200 <sup>(5)</sup>	---	---	---	---	---	---	---	---	---	---	---
B121	420 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B122	1100 <sup>(2)</sup>	900	---	---	---	---	---	---	---	---	---	---	---
TW202	1800 <sup>(1)</sup>	---	---	---	---	---	---	---	---	---	---	---	---
B212	---	---	24 <sup>(5)</sup>	---	---	---	---	---	---	---	---	---	---
B227	---	---	8.6 <sup>(5)</sup>	---	---	---	---	---	---	---	---	---	---
Area 2 Composite 1(DRO)	---	34 <sup>(5)</sup>	---	---	---	---	---	---	---	---	---	---	---
Area 2 Composite 2(DRO)	---	340 <sup>(7)</sup>	---	---	---	---	---	---	---	---	---	---	---

Notes:

CTI = Commonwealth Technologies, Inc.  
DRO = diesel range organics.  
GRO = gasoline range organics.  
PAH = polycyclic aromatic hydrocarbons  
RCL = Residual Contaminant Level.  
--- = not analyzed.

Samples were collected from the 0-2 foot boring interval.

- <sup>(1)</sup> Oil; contains heavier than DRO components.
- <sup>(2)</sup> Identified as a diesel chromatogram.
- <sup>(3)</sup> Samples containing the two highest DRO concentrations from Area 1 only were sampled for PAHs.
- <sup>(4)</sup> Analyzed in the laboratory by CTI.
- <sup>(5)</sup> Sample contained heavier hydrocarbon fractions.
- <sup>(6)</sup> NR 700 RCLs for DRO and GRO are based on the protection of groundwater. PAH RCLs are suggested values based on the industrial direct contact pathway (WDNR, 1997).
- <sup>(7)</sup> Exceeds suggested RCL for PAH based on the nonindustrial direct contact pathway.
- <sup>(8)</sup> Sample was received past the established holding time. Raised Quantitation or Reporting Limit due to dilution for matrix/background interference.

Prepared by: SKS & AH 8/10/99  
Checked by: LB 8/11/99

**Table 3-4**  
**Wausau Steel Site Investigation (3929.17)**  
**PCB Analytical Results (mg/kg)**

SAMPLE	AROCLOR 1248	AROCLOR 1254	AROCLOR 1260
Area 1 Composite 1	<0.1275	<0.055	<0.0654
Area 1 Composite 2	<0.1275	1.70	<0.0654
Area 1 Composite 3	<0.1275	0.484	<0.0654
Area 1 Composite 4	18.4	<0.055	<0.0654
Area 2 Composite 1	1.16	<0.275	0.777
Area 2 Composite 2	<2.55	0.766	<1.31
Area 2 Composite 3	<2.55	5.84	<1.31
Area 2 Composite 4	<2.55	2.46	<1.31
Area 3 Composite 1	<0.1275	<0.055	<0.0654
Area 3 Composite 2	<0.1275	0.313	<0.0654
Area 3 Composite 3	<0.1275	0.309	<0.0654
Area 3 Composite 4	<0.1275	0.178	<0.0654

Notes:

Samples were collected from the 0-2 foot boring interval.  
PCB = polychlorinated biphenyl.

Prepared by: SKS & AH 8/10/99

Checked by: LB 8/11/99

Table 2

Summary of Groundwater Analytical Results  
Lead Contamination Study  
Wausau Steel Site  
Wausau, Wisconsin

Plant Yard  
Site

WPSC  
Site  
(now  
closed)

Sample Description	Sample (1) Location	Depth to Groundwater (ft)	Amount of Groundwater Purged Before Sampling (gallons)	Field pH	Temperature (2) Corrected Field Conductivity (micromhos/cm)	Lead Concentration (ug/L)	WDR Public Health Standards (ug/L)	
							ES	PAL
B1	1055N, 2785E	6.1	10	5.82	244	12	50	5
B2	957N, 2753E	2.4	10	5.80	356	416	50	5
B2 (Duplicate)	957N, 2753E	2.4	10	5.80	356	411	50	5
B3	833N, 2828E	0.8	10	5.88	450	90	50	5
B4	588N, 2941E	4.5	10	5.55	311	10	50	5
Bailer Blank	N/A	N/A	N/A	8.02	<10	4	50	5

Notes:

1. Sample locations based on site grid. Refer to Drawing 13590-8.
2. Conductivity corrected to 25°C.
3. Groundwater samples B1, B2 and B4 were collected through a perforated 2 1/4 in. I.D. hollow stem auger. Samples B3 was collected through a 0.010 in. stainless steel well point.
4. Groundwater at each location was brown and turbid. Purging of the borings prior to sampling reduced the turbidity of the water prior to sampling.
5. Samples B2 and B4 were collected on August 29, 1989. Samples B1 and B3 were collected on August 30, 1989.
6. ES = Enforcement Standard, PAL = Preventive Action Limit established by the WDNR (s. NR 140, Wisconsin Administrative Code).

MAO/d1k/TAPB  
[skb-400-09]  
13590

Notes by  
C. Johnson,  
RMT, 8/07

Warczyn,  
1989

Table 3

Plant Yard Site

Summary of Groundwater Monitoring Well Analytical Results  
Wausau Steel Corporation  
Wausau, Wisconsin

WPSC Site (now closed)

Analyte	Well MW1A		Well MW1B		Well MW2A		Well MW2B		Well MW3A		Well MW4A		Well MW5A		Well MW6A		Well MW7A		Well MW7B		WDR NR 140 (3)	
	Round (1) 1	Round (1) 2	ES	PAL																		
<b>Indicators</b>																						
pH (SU)	6.14	5.75	6.06	630	6.34	6.52	6.81	6.79	6.49	4.89	6.38	6.22	6.18	5.74	6.16	6.14	5.69	6.12	6.78	6.33	(5)	(5)
Conductivity (2) (umhos/cm)	375	430	545	540	250	250	565	550	95	80	665	690	310	320	415	420	355	380	385	385	(6)	(6)
Chloride (mg/L)	77	100	89	94	29	28	20	22	9	10	64	69	52	53	40	40	20	23	29	28	250	125
Sulfate (mg/L)	12	18	14	20	39	41	37	36	<5	<5	49	34	32	34	80	78	90	100	42	44	250	125
<b>Metals (ug/L)</b>																						
Barium	250*	60	170	170	90	60	80	70	30	30	320*	120	220*	70	230*	80	110	110	210*	50	1000	200
Cadmium	0.5	0.6	<0.2	0.3	0.3	0.2	<0.2	0.2	<0.2	<0.2	<0.2	0.4	0.7	0.4	<0.2	0.4	<0.2	<0.2	0.4	<0.2	10	1
Chromium (Total)	1	0.4	0.4	<0.2	0.3	0.4	0.2	0.2	0.3	<0.2	2.4	2.3	0.6	0.3	2.5	1.6	0.7	0.5	0.4	<0.2	50	5
Lead	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	50	5
<b>PCBs (ug/L)</b>																						
Total	X		X	NA																		
<b>Volatiles (ug/L) (4)</b>																						
Tetrachloroethene	2.77**	2.78**	X	NA	BMQL	NA	X	NA	X	NA	X	NA	1	0.1								
1,1,1-Trichloroethane	X	NA	BMQL	NA	X	NA	X	NA	X	NA	200	40										
Xylenes	X	NA	4	NA	620	124																

NOTES:

- (1) Round 1 samples collected on January 18 and 19, 1990. } - \*
- Round 2 samples collected on February 1, 1990
- (2) Conductivity corrected to 25°C
- (3) Wisconsin Administrative Code, Chapter NR 140, Groundwater Quality Standards.  
 ES = Enforcement Standard  
 PAL = Preventive Action Limit
- (4) Groundwater samples analyzed for volatiles in accordance with methods E601/E602. Only those compounds that were detected are shown in summary.
- (5) 1 pH unit above or below background water quality
- (6) Background water quality plus 200 umhos/cm
- X = Analyzed, but not detected
- BMQL = Detected, value below method quantitation limit
- NA = Not analyzed
- \* = Exceeds PAL
- \*\* = Exceeds ES

BAI/skb/MJR/DJB  
[skb-401-57]  
15157.00  
2-15-90

Notes by  
C. Johnson  
RMT, 8/01

Warzyn, 1992

Warzyn, 1990b

Table 5

Summary of Water Total Petroleum Hydrocarbon (TPH)  
and Benzene, Ethyl Benzene, Toluene and Xylenes (BETX)  
Analytical Results - Plant Yard

Wausau Steel Corporation  
Wausau, Wisconsin

Sample ID	Gasoline (mg/L)	Kerosene (mg/L)	#2 Fuel Oil (mg/L)	#6 Fuel Oil (mg/L)	Benzene (mg/L)	Ethyl Benzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)
(3) B1-TPH (Water)	X	X	X	55.2 (1)	BMQL	X	BMQL	X
(3) B2-TPH	X	X	0.7 (2)	8.6 (1)	X	X	X	X
(3)-TPH (Water)	X	X	X	12.4 (1)	0.00165	X	X	X

(B3)

- (1) - Sample contains what appears to be a hydrocarbon fraction eluting off of the gas chromatograph with a retention time in the range of #6 Fuel Oil. These unknowns do not match reference standards. Concentrations are estimated.
- (2) - Sample contains what appears to be a hydrocarbon fraction eluting off of the gas chromatograph with a retention time in the range of #2 Fuel Oil. These unknowns do not match reference standards. Concentrations are estimated.
- (3) - Sample chromatogram contains unidentified compounds.

BMQL - Below Method Quantitation Limit

Refer to Appendix B of text for detailed analytical results.

MAO/jlv/MAO  
[ndj-401-13F]  
15157-MD

Notes by:  
C. Johnson, RM  
August, 2007

**Table E-1**  
**Groundwater Monitoring Results from 1999 Site Investigation (RMT, 1999)**  
**Wausau Steel Plant Yard**

MONITORING WELL	SAMPLING DATE	CONCENTRATION (µg/L)		
		TOTAL LEAD	TCE	DRO
TW-202	9-Jun-1999	< 3 >	< 0.20	< 26
TW-213	9-Jun-1999	< 1	< 0.20	< 26
TW-225	9-Jun-1999	< 1	< 0.20 >	<59>
MW-1	9-Jun-1999	< 1	< 0.20	< 26
	WDNR ES	15	5	NE
	WDNR PAL	1.5	0.5	NE

Notes:

Checked by: AAS, 8/15/07

TCE = trichloroethene.

DRO = diesel range organics.

WDNR ES = Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (NR 140).

PAL = Preventive Action Limit (NR 140).

NE = not established.

< > = concentration was between the laboratory Limit of Detection and the laboratory Limit of Quantitation.

<sup>(1)</sup> Samples were analyzed for total lead, volatile organic compounds (VOCs), gasoline-range organics (GRO), and diesel-range organics (DRO). Only compounds with detected concentrations are listed.

September 21, 2007

Mr. Geoffrey Nokes  
Manager, Environmental Control  
Wisconsin Central Ltd.  
17641 South Ashland Avenue  
Homewood, IL 60430-1339

**Subject: Request for WDNR Case Closure, Wausau Steel Plant Yard Site, 2900 West Sherman Street, Wausau, Wisconsin (WDNR BRRTS No. 02-37-000525)**

Dear Mr. Nokes:

RMT, Inc. (RMT), on behalf of our client, Wausau Steel Corporation (Wausau Steel), has requested from the Wisconsin Department of Natural Resources (WDNR), closure under NR 720 of the Wausau Steel plant yard site, located at 2900 West Sherman Street, Wausau, Wisconsin.

As described in the July 1, 2005, letter from RMT to the Wisconsin Central, Ltd. (the railroad), Wausau Steel discovered elevated levels of lead in the surficial soil in some areas of its plant yard (i.e., the top 2 feet). The surficial lead impacts resulted from a lead-acid battery reclamation process, which was operated at the site in the early 1960s. Between 1989 and 1999, Wausau Steel performed site investigations, which showed that certain areas of its plant yard contained levels of lead that were higher than the WDNR generic industrial standard for direct contact of 500 mg/kg. Groundwater sampling indicated that the lead did not impact groundwater at the site at concentrations above the WDNR Enforcement Standard.

A Remedial Action Plan (RAP) for the lead-impacted soil was submitted to the WDNR in 2005 (RMT, 2005a; RMT, 2005b) and was subsequently approved by the WDNR. In the fall of 2005, a Right of Entry Agreement was entered into between the Wisconsin Central Ltd. and Wausau Steel, which allowed Wausau Steel access to the railroad right-of-way for the implementation of the RAP.<sup>(1)</sup> The remedy was constructed in the fall of 2005, and included the implementation of site covering and grading plans, and the ongoing maintenance of the site cover through annual inspections and repairs, as needed (RMT, 2005c). The remedy included the placement of a 6-inch- to 12-inch-thick clean cover on approximately 9.0 acres of the site, including some areas within the railroad right-of-way, and the inspection and ongoing maintenance of 1.7 acres of asphalt pavement and the crushed granite and gravel roadways that were previously placed at the site. The cover materials and cover thicknesses were selected based on a review of the specific activities performed in each area. A 6-inch- to 12-inch-thick layer of well-graded road base gravel was placed in those areas with a moderate to high

---

<sup>(1)</sup> Based on information supplied by Wausau Steel (specifically, acquisitions of right-of-way by Wausau Steel), the right-of-way is depicted on RMT's Remedial Action Plan (RAP) figures as extending 50 feet to the north and 15 feet to the south of the Canadian National line.

Mr. Geoffrey Nokes  
Wisconsin Central Ltd.  
September 21, 2007  
Page 2

level of worker and machine activity. A 6-inch-thick layer of topsoil was placed in those areas that are rarely, if ever, exposed to machine activity, and the areas were subsequently seeded. Cover was not placed within 8 feet of the center line of the main track, so as not to interfere with the railroad ballasts. Figures illustrating the remedy are included in Attachment 1.

A cover inspection and maintenance plan has been implemented for this site (see Attachment 2). In accordance with the plan, a site inspection is performed at least annually by Wausau Steel personnel, which includes visual observations and documentation of the condition of the cover placed as part of the WDNR-approved RAP, as well as the condition of the asphalt pavement, the roadways on the site, and the vegetated areas located immediately adjacent to the main railroad line. Repairs will be conducted as necessary, and will be performed within a reasonable period of time. Wausau Steel will retain records of inspection and repair in their company files for the most recent 5 years. Wausau Steel performed its first annual cover inspection in September 2006. The condition of the cover was noted as being excellent, and no repairs were needed.

Notwithstanding these measures to maintain a protective cover over lead-impacted soils, the railroad should provide advance notice to Lisa Gutknecht of the WDNR, at (715) 359-6514, regarding any plans for excavation in the area, and reference WDNR BRRTS No. 02-37-000525, as the railroad would be responsible for sampling and managing any soil it excavates from this area in accordance with state and federal regulations.

As a condition of site closure, the Wausau Steel plant yard site, including the railroad right-of-way, will be placed on the WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites, for the soil impacts above WDNR standards that remain at the site. The information on the GIS Registry includes maps showing the locations of properties in Wisconsin at which soil and/or groundwater impacts are present at the time the case was closed. This GIS Registry is available to the general public on the WDNR's Web site.

Since Wausau Steel entered into a Consent Order with the WDNR for the investigation and remediation of lead impacts stemming from the lead-acid battery reclamation process that was operated at its site in the 1960s, neither you, nor any subsequent owner of your property, will be held responsible for the investigation or cleanup of soil and/or groundwater impacts associated with activities conducted by Wausau Steel, as long as you, and any subsequent owners, comply with the requirements of Section 292.13, Wisconsin Statutes. This includes allowing access to the railroad right-of-way for inspections of the cover by Wausau Steel and for reseeded by Wausau Steel, as deemed necessary. To obtain further information on the requirements of Section 292.13, Wisconsin Statutes, or to obtain a copy of the WDNR's publication #PUB-RR-606, you may call (608) 267-3859.

Mr. Geoffrey Nokes  
Wisconsin Central Ltd.  
September 21, 2007  
Page 3

As the owner of the railroad right-of-way property, you have a right to contact the WDNR and provide any technical information you may have, within 30 days from the date of this letter, that indicates closure should not be granted for this site. Any such information should be submitted to the following address:

Ms. Lisa Gutknecht  
Wisconsin Department of Natural Resources  
5301 Rib Mountain Drive  
Wausau, WI 54401

Once the WDNR finalizes the closure of the site, it will be documented in a letter. You may obtain a copy of this letter by requesting a copy from the WDNR or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet, at [www.dnr.state.wi.us](http://www.dnr.state.wi.us).

If you need more information, or if you have any questions, please contact Lisa Gutknecht of the WDNR, at (715) 359-6514.

Sincerely,

RMT, Inc.



Cassie R. Johnson  
Project Manager

- Attachments: 1. Figures 2 and 3 from the Remedial Confirmation Report (RMT, 2005c)  
2. Cover Inspection and Maintenance Plan (Revision 1, September 1, 2005)

cc: Lisa Gutknecht - WDNR  
Peter Wallach - Wausau Steel  
Duane Ninnemann - Wausau Steel  
Jerry Mortensen - Wausau Steel  
Robert Steinwurtzel - Bingham McCutchen

## References

RMT. 2005a. Remedial action plan. Wausau Steel plant yard. June 23, 2005.

RMT. 2005b. Responses to the WDNR's comments on the remedial action plan and description of construction documentation procedures. Wausau Steel plant yard. September 1, 2005.

Mr. Geoffrey Nokes  
Wisconsin Central Ltd.  
September 21, 2007  
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RMT. 2005c. Remedial confirmation report. Wausau Steel plant yard. December 8, 2005.