

## **GIS Registry Disclaimer**

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

# GIS REGISTRY

## Cover Sheet

March, 2010  
(RR 5367)

### 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" form)*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

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

#### Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between non-industrial 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 unit or economic  
development corporation was directed to  
take a response action)*

#### Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes  No  N/A

*\* 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 #:	02-41-204144	PARCEL ID #:	392-1410-111-8
ACTIVITY NAME:	JUNEAU VILLAGE APTS #1	WTM COORDINATES:	X: <input type="text"/> Y: <input type="text"/>

**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.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- 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:**
- 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 11 x 17 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**                      **Title: Site Location**
  - 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: Soil Cap Sampling Locations**
  - 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 #:**                      **Title:**

BRRTS #: 02-41-204144

ACTIVITY NAME: JUNEAU VILLAGE APTS #1

**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 #: 2**                      **Title: Site Features Map**

**Figure #: 3**                      **Title: Cross Section A-A**

- 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 #:**                      **Title:**

- 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 #:**                      **Title:**

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

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

Tables must be no larger than 11 x 17 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**                      **Title: Summary of Soil Sampling 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 #:**                      **Title:**

- 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 #: 02-41-204144

ACTIVITY NAME: JUNEAU VILLAGE APTS #1

## NOTIFICATIONS

### Source Property

**Not Applicable**

**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.

**Not Applicable**

**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:**

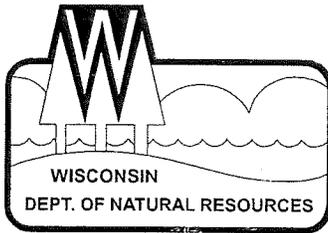
**Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

**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:**



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Gloria L. McCutcheon, Regional Director

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

May 16, 2002

Mr. John Crichton  
The Shoreline Co.  
1007 North Cass Street  
Milwaukee, WI 53202

Subject: Final Closure Letter for Juneau Village Apartments, 1129 North Jackson St., Milwaukee, WI

FID: 241978770  
BRRTS: 02-41-204144

Dear Mr. Crichton:

The Department is conducting a file review and noticed that this property had two issues pertaining to xylene and ethyl benzene soil contamination (BRRTS: 02-41-204144), and lead contamination (BRRTS: 02-41-204150). The Department on July 14, 1999 closed the xylene and ethyl benzene soil contamination.

This letter pertains to the lead contamination (BRRTS: 02-41-204144) that should have been closed on receipt of the deed restriction and maintenance plan submitted by Fox Environmental dated April 11, 2000. Therefore, based on the investigation and remedial documentation provided to the Department, it appears that the above-named site is in compliance with the requirements of Chs. NR 700 to 726, Wis. Admin. Code, as applicable. Therefore, the Department considers the case closed and tracked as such, having determined that no further action is necessary at the site at this time. However, the case may be reopened pursuant to S. NR 726.09, Wis. Admin. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment.

I hope the delay in receiving this final closure letter has not caused any problems with your property. The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8680) at the above address.

Sincerely,

John J. Hnat  
Hydrogeologist  
Remediation and Redevelopment

C: Larry Fox, Fox Environmental  
WDNR SER Files



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region  
Milwaukee Service Center  
2300 N. Dr. ML King Drive, PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8716  
TDD 414-263-8713

December 20, 1999

Mr. John Crichton  
John Crichton, Thomas Hauck and Daniel Katz  
The Shoreline Company  
1007 North Cass Street  
Milwaukee, Wisconsin 53202

*Berths: 02-41-204150*

SUBJECT: Response to August 30, 1999, letter regarding soil cover sampling, Juneau Village Apartments, 1129 North Jackson Street, Milwaukee, Wisconsin. BRR-ERP FID#241978770.

Dear Mr. Crichton:

We have reviewed the August 30, 1999, letter from your environmental consultant, Fox Environmental Services, Inc., and based on the information presented, we concur that since the average lead levels in the topsoil are less than 50 parts per million (ppm), which is the residual direct contact concentration for lead. A deed restriction will still be required to complete closure for this property, but it will not require that the property be zoned for industrial use and we will allow the grass to be used as a barrier. As referenced in Fox Environmental's letter, Option 3 of the WDNR's Close Out Guidance on the Use of Institutional Controls should be the language used for the deed restriction.

This letter and our July 14, 1999, letter to you constitute the department's closure letters for this site. If you have any questions regarding this letter, you may contact me at the above address or at (414) 263-8589.

Sincerely,

Gina Keenan  
Hydrogeologist

cc: Fox Environmental Services, Inc.  
SER case file

updates



April 11, 2000

Our Ref: 98947L12

Program Assistant / BRR Program  
Wisconsin Department of Natural Resources  
Southeast Region - Headquarters Office  
2300 N. Dr. ML King Drive  
PO Box 12436  
Milwaukee, Wisconsin 53212



**RE: Deed Restriction and Maintenance Plan  
Juneau Village Apartments  
1129 N. Jackson Street  
Milwaukee, Wisconsin  
BRRTS#: 02-41-204150, FID#: 241978770 (BRR/ERP)**

Code 11

Dear Sir / Madam:

It is the understanding of Fox Environmental Services, Inc., (FOX), based on the December 20, 1999 letter by Ms. Gina Keenan of the Wisconsin Department of Natural Resources (WDNR) and subsequent follow up telephone conversations, that closure of the Juneau Village Apartments site would be complete once a deed restriction has been set in place for the lead impacted soil. Enclosed you will find a copy of the deed restriction that has been set in place. Also, it is our understanding that a brief maintenance plan describing how the cap will be maintained is also required. Per Ms. Keenan's suggestion, the maintenance plan is included as part of this submittal.

## **MAINTENANCE PLAN**

### **Background**

Juneau Village Apartments contracted FOX to investigate the site located at 1129 N. Jackson Street, Milwaukee, Wisconsin. FOX identified two types of impacts at the site:

- Volatile Organics: xylene and ethylbenzene impacted soil, and
- Metals: lead impacted in soil.

Based on the results of the site investigation, FOX concluded that the xylene and ethylbenzene impacts were not a concern at this site and should be closed out. In a letter dated July 14, 1999 the WDNR concurred with FOX's recommendation for a "no further action" status with respect

fox environmental services, inc.

5150 NORTH PORT WASHINGTON ROAD • MILWAUKEE, WI 53217  
EXECUTIVE SUITE 101 • (414) 332-5857 FAX: (414) 332-5003

to the xylene and ethylbenzene impacts. FOX concluded that the lead impacts do not pose a threat to groundwater and the WDNR conditionally closed the site but required that a deed restriction be placed on the title of the property because the direct contact value for lead was exceeded and that direct contact barriers existed on-site.

**Maintenance Plan**

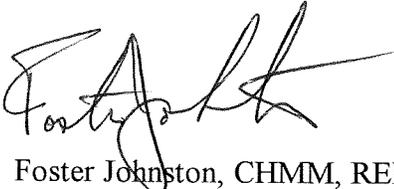
Across the site as a whole, (please see **Figure 1** for a depiction of the northern portion of the site) three types of material (building footprint, asphalt / concrete surfaces and sod / grass surfaces) form the direct contact barrier for the site.

- 1) Building Footprint: The existing buildings act as direct contact barriers. The barrier is to be maintained by a typical and reasonable program of apartment building maintenance. Should the soils become accessible beneath the buildings, an evaluation of the direct contact hazard shall be performed.
- 2) Asphalt / Concrete Surfaces: The existing asphalt or concrete surfaces act as direct contact barriers. The barrier is to be maintained by a typical and reasonable program of sidewalk and driveway maintenance. Should the soils become accessible beneath the existing asphalt or concrete surfaces, an evaluation of the direct contact hazard shall be performed.
- 3) Sod / Grass Surfaces: The existing sod or grass surfaces act as a direct contact barrier. The barrier is to be maintained by a program of landscape management (fertilizing, watering and mowing). Should the soils become accessible beneath the existing sod or grass surfaces, an evaluation of the direct contact hazard shall be performed.

It is FOX's understanding that after the deed restriction has been recorded and forwarded to the WDNR, no further action should be necessary for the site. If you have questions about the information presented here, please call me at 414-332-5857.

Sincerely,

**Fox Environmental Services, Inc.**



Foster Johnston, CHMM, REP, CHCM  
Vice President

enclosures

- c: Tom Hauck w/ enclosures
- Dan Connell w/ enclosures
- James Ziegler w/ enclosures



Inspection Date	Inspector	Condition of Ground Surface & Perimeter Fence	Recommendations	Have recommendations from previous inspection been implemented?

Document Number

DEED RESTRICTION

7892489

REGISTER'S OFFICE 1 SS  
Milwaukee County, WI

RECORDED AT 8:58 AM

04-05-2000

WALTER R. BARCZAK  
REGISTER OF DEEDS

AMOUNT 12.00

Declaration of Restrictions

In Re: 1009 - 1029 - 1129 North Jackson Street Milwaukee, WI  
Lots 1 to 22 inclusive, in Block 73, in Plat of the Northwest ¼ of  
the Northwest ¼ of Section 28, Township 7 North, Range 22 East,  
City of Milwaukee, County of Milwaukee, State of Wisconsin, but  
excluding all of vacated North Jefferson Street adjoining said  
premises on the West.

STATE OF WISCONSIN

COUNTY OF MILWAUKEE

WHEREAS, John B. Crichton, Daniel J. Katz, Thomas A. Hauck,  
Carolyn A. Cadd, and Jeanne M. Hauck are the owners of the  
above-described property.

WHEREAS, one or more lead discharges have occurred on this  
property. Lead-contaminated soil remains on this property at the  
following location(s): Lots 1 to 22 inclusive, in Block 73, in Plat of  
the Northwest ¼ of the Northwest ¼ of Section 28, Township 7  
North, Range 22 East, City of Milwaukee, County of Milwaukee,  
State of Wisconsin, but excluding all of vacated North Jefferson  
Street adjoining said premises on the West.

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

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

A cap or cover is in place as a remedial remedy to address residual soil contamination on the  
property. Therefore, the following activities are prohibited on that portion of the property  
described above where a cap or cover has been placed: Lots 1 to 22 inclusive, in Block 73, in Plat  
of the Northwest ¼ of the Northwest ¼ of Section 28, Township 7 North, Range 22 East, City of  
Milwaukee, County of Milwaukee, State of Wisconsin, but excluding all of vacated North  
Jefferson Street adjoining said premises on the West, unless prior written approval has been  
obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1)  
Excavating or grading of the land surface; (2) Filling on the capped area; (3) Plowing for  
agricultural cultivation; and (4) Construction or installation of a building or other structure with a  
foundation that would sit on or be placed within the cap or cover. In addition, the cap or cover  
shall be maintained in compliance with a plan prepared and submitted to the Wisconsin

Recording Area

Name and Return Address

Herbert S. Bratt  
735 North Water Street  
Suite 704  
Milwaukee, Wisconsin 53202

392-1410-111-8

*Parcel Identification Number (PIN)  
or Tax Key Number*

Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1997).

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

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

IN WITNESS WHEREOF, the owners of the property has executed this Declaration of Restrictions,

this 3<sup>rd</sup> day of April, 2000.

Signature: [Handwritten Signature]

Printed Name: John B. Crichton

Signature: [Handwritten Signature]

Printed Name: Carolyn A. Cadd

Signature: [Handwritten Signature]

Printed Name: Daniel J. Katz

Signature: [Handwritten Signature]

Printed Name: Jeanne M. Hauck

Signature: [Handwritten Signature]

Printed Name: Thomas A. Hauck

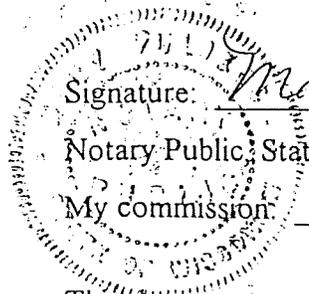
Subscribed and sworn to before me  
this 4<sup>th</sup> day of April, 2000.

eeoass

Signature: [Handwritten Signature]

Notary Public, State of Wisconsin

My commission: 2/22/04



This document was drafted by the Wisconsin Department of Natural Resources [revised October 6, 1999] and adapted for use by Fox Environmental Services, Inc. [February 1, 2000].

**228099**

CERTIFICATE NO. \_\_\_\_\_

STATE OF WISCONSIN  
MILWAUKEE COUNTY    SS.

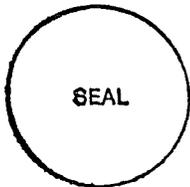
OFFICE OF  
REGISTER OF DEEDS

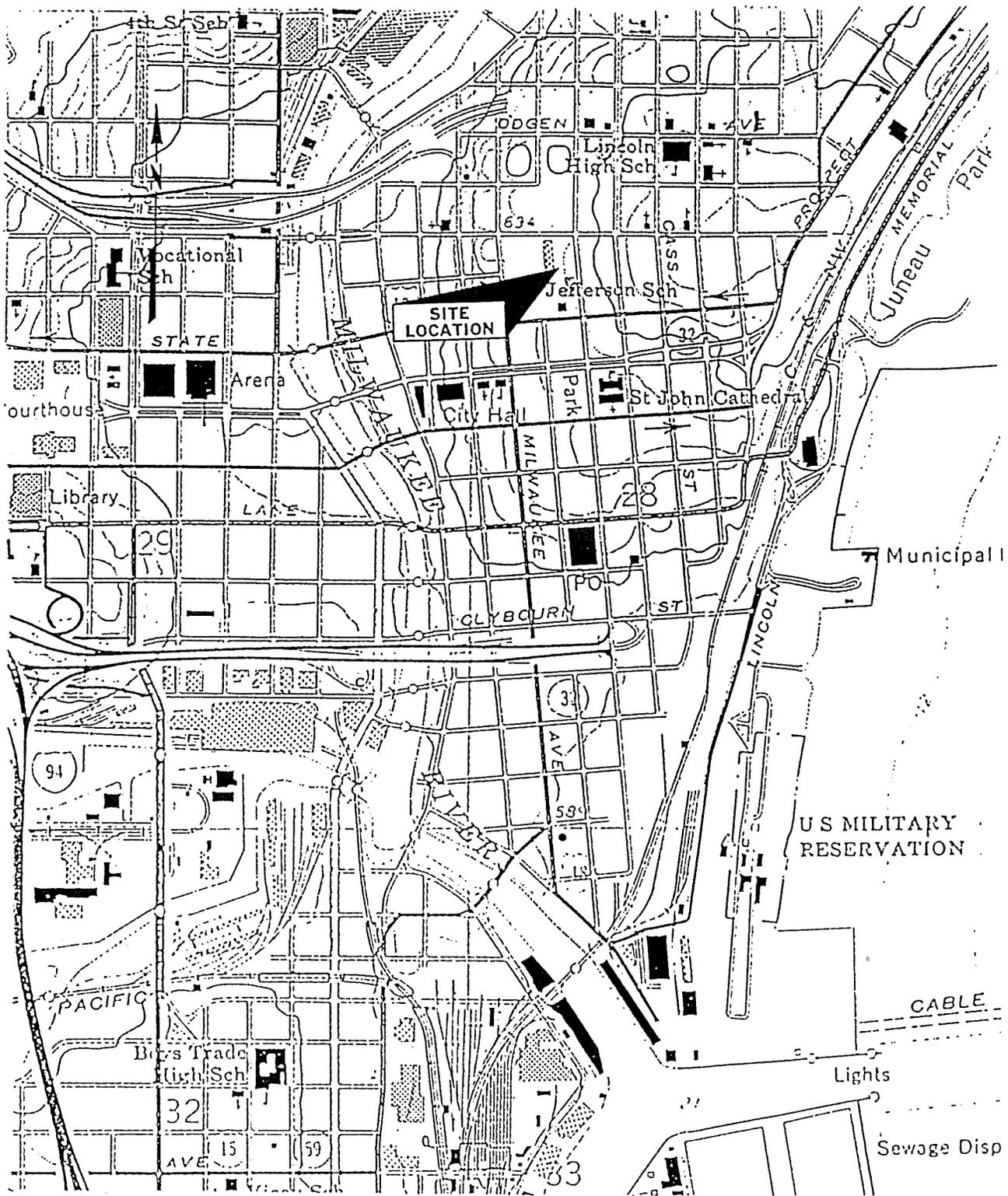
I, the undersigned,  
Register of Deeds of  
Milwaukee County,  
hereby certify that  
this document is a  
true and correct copy  
of the original on  
file or record in  
this office.

Witness my hand and  
official seal this

**APR - 5 2000**

*Walter R. B...*  
Walter R. B...

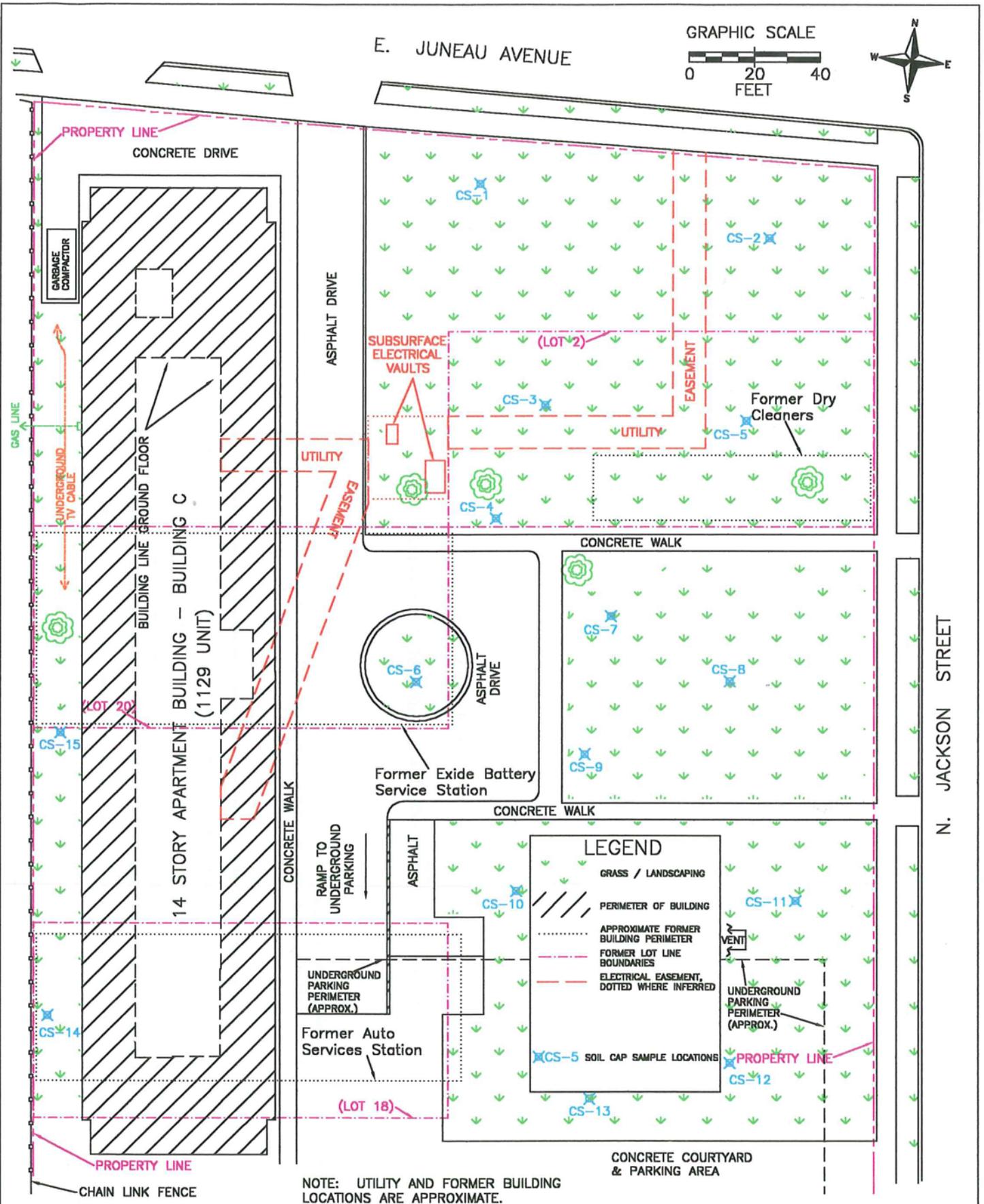




fox environmental services inc

FIGURE 1  
SITE LOCATION

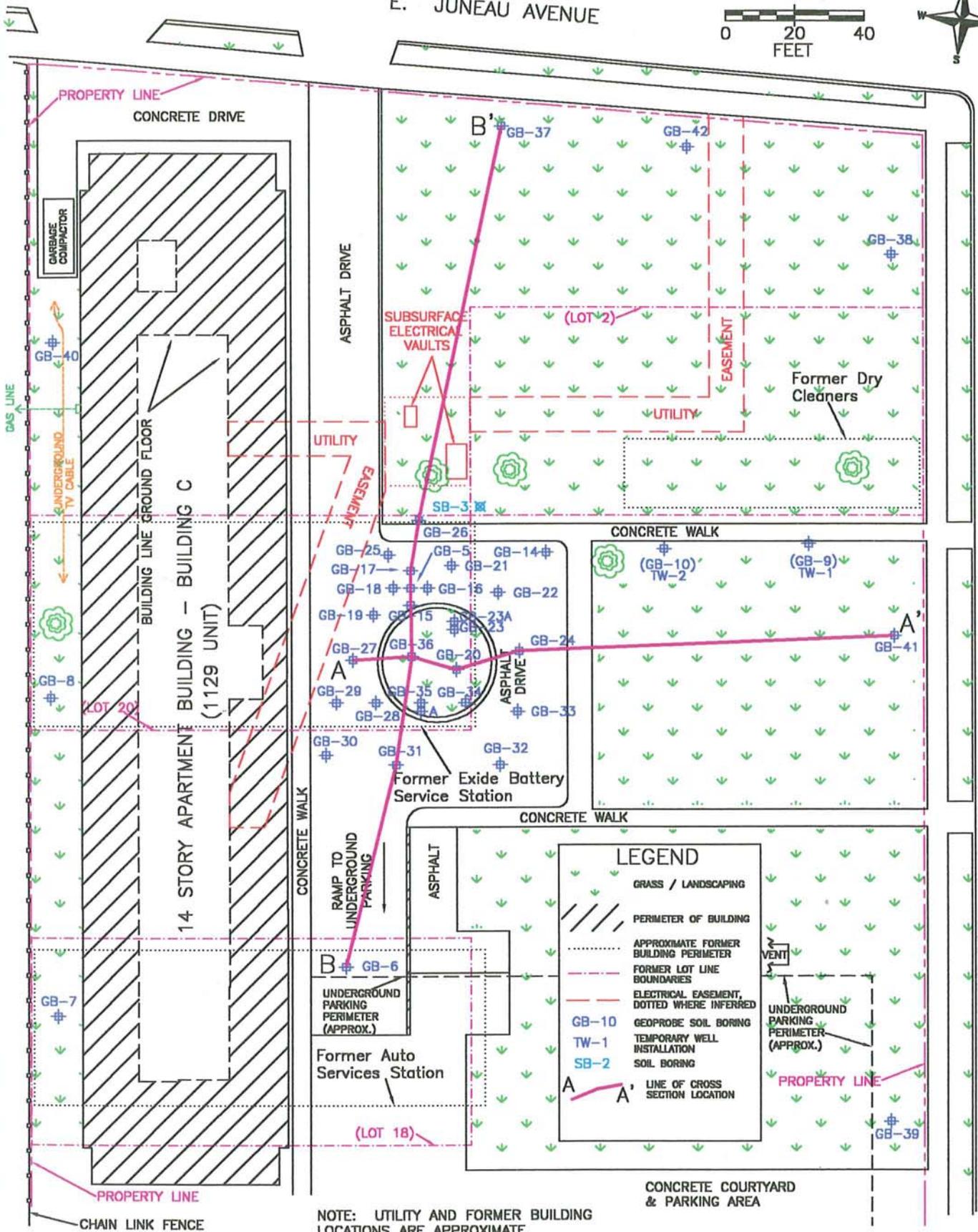
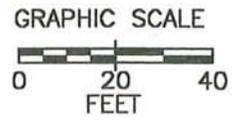
PROJECT NO. 98947



**FIGURE 1: SOIL CAP SAMPLING LOCATIONS**  
**Juneau Village Apartments**  
 1029 North Jackson Street  
 Milwaukee, Wisconsin  
 Project # 98947



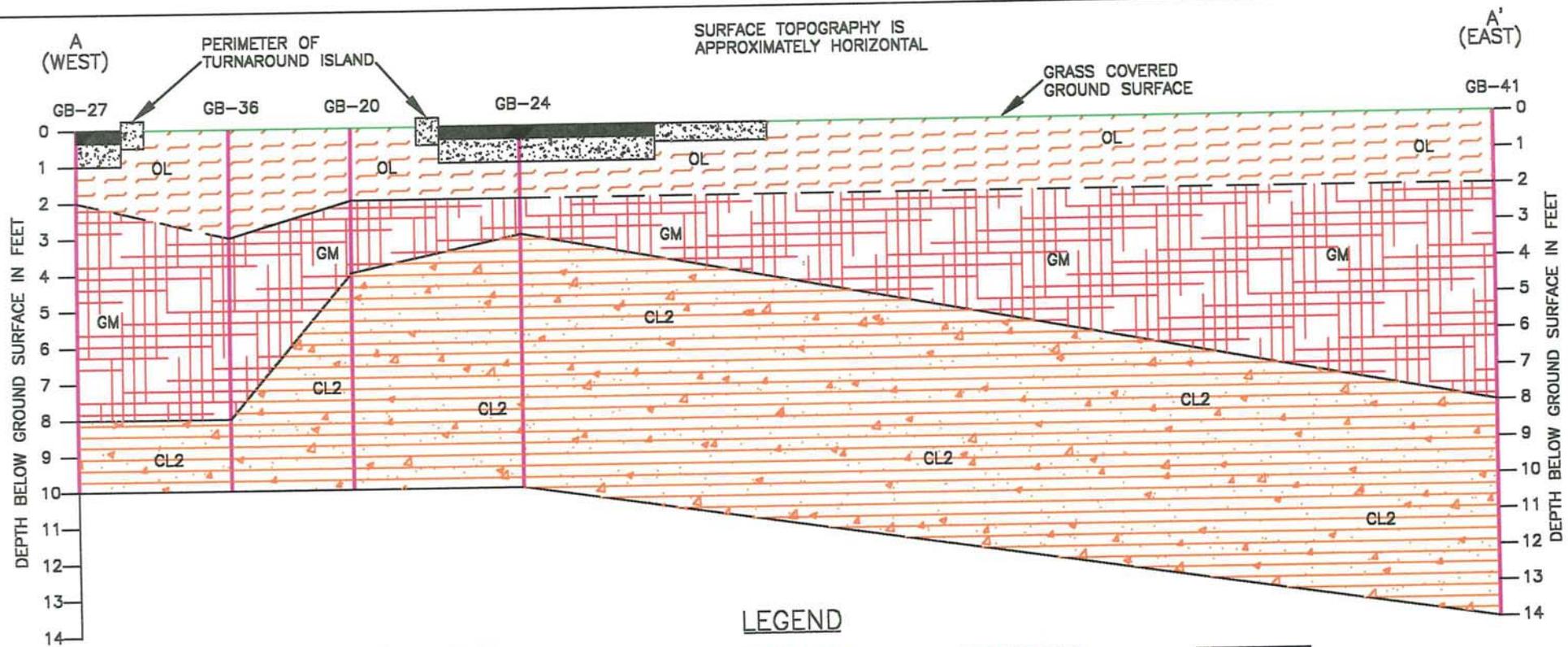
E. JUNEAU AVENUE



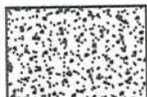
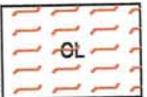
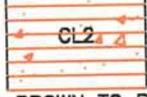
NOTE: UTILITY AND FORMER BUILDING LOCATIONS ARE APPROXIMATE.

FIGURE 2: SITE FEATURES MAP  
Juneau Village Apartments  
1029 North Jackson Street  
Milwaukee, Wisconsin  
Project # 98947

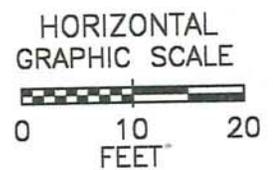




**LEGEND**

-   
 CONCRETE PAVEMENT
-   
 ASPHALT PAVEMENT
-   
 TOPSOIL SURFACE LAYER  
 WITH SILTY CLAY BASE
-   
 SILT, SAND, GRAVEL AND  
 PEBBLES WITH BRICK  
 AND CONCRETE CHIPS
-   
 RED-BROWN TO BROWN  
 SILTY CLAY WITH GRAVEL,  
 PEBBLES AND BLACK  
 ROCK CHIPS

GB-12  
BOREHOLE LOCATION  
AND DESIGNATION

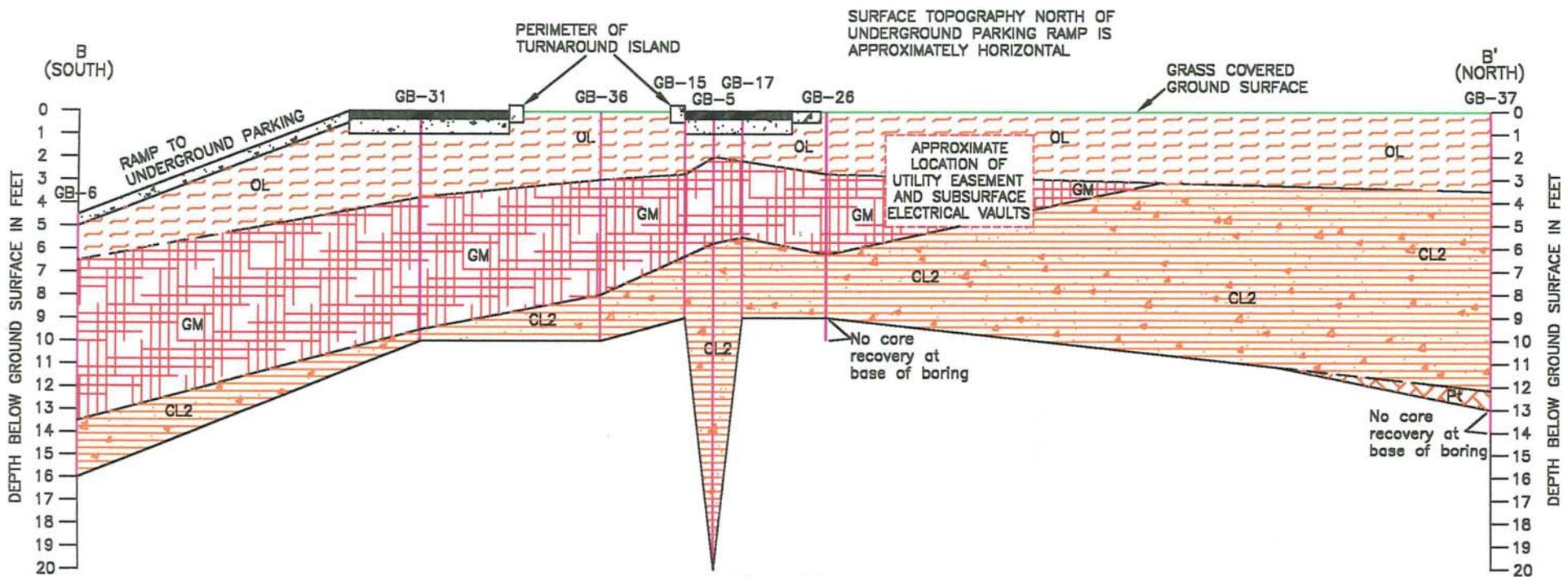


VERTICAL EXAGGERATION = 4X.  
UNIT CONTACTS ARE  
DASHED WHERE INFERRED.

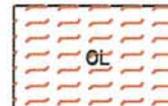
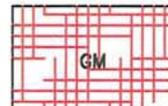
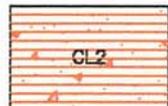
Note: Each vertical plane represented by the segment of the line of section drawn between consecutive boreholes is oriented in this cross section view so that each plane is perpendicular to the reader's line of sight.

**Figure 3: Cross Section A-A', Building C Area**  
 Juneau Village Apts.  
 1029 North Jackson Street  
 Milwaukee, WI 53202  
 Project # 98947

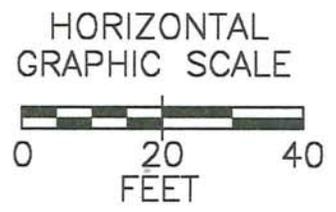




**LEGEND**

-   
 CONCRETE PAVEMENT
-   
 ASPHALT PAVEMENT
-   
 TOPSOIL SURFACE LAYER WITH SILTY CLAY BASE
-   
 SILT, SAND, GRAVEL AND PEBBLES WITH BRICK AND CONCRETE CHIPS
-   
 RED-BROWN TO BROWN SILTY CLAY WITH GRAVEL, PEBBLES AND BLACK ROCK CHIPS
-   
 BROWNISH BLACK, WOODY, SILTY PEAT

GB-12  
 BOREHOLE LOCATION AND DESIGNATION



VERTICAL EXAGGERATION = 4X.

UNIT CONTACTS ARE DASHED WHERE INFERRED.

Note: Each vertical plane represented by the segment of the line of section drawn between consecutive boreholes is oriented in this cross section view so that each plane is perpendicular to the reader's line of sight.

**Figure 4: Cross Section B-B', Building C Area**  
 Juneau Village Apts.  
 1029 North Jackson Street  
 Milwaukee, WI 53202  
 Project # 98947



**Table 1: Summary of Soil Sampling Results for Juneau Village Apartments Milwaukee, Wisconsin**

FOX Project #: 98947

Shading and bold indicates a WDNR soil standard attained or exceeded.

Note: GB-5 through GB-8 collected on 10/06/98. GB-9 through GB-14 collected on 10/07/98.	GB-5 4-6	GB-5 12-14	GB-7 6-8	GB-8 10-12	GB-9 6-8	GB-14 4-6	GB-14 6-8	WDNR Standard
lead (in ppm)	120	15	110	26	66	150	9.2	50
TCLP lead (in ppm)	BQL	-	-	-	-	-	-	5.0

Note: SB-1 through SB-3 collected on 10/13/98. GB-15 through GB-18 collected on 10/28/98.	SB-3 4-6	GB-15 4-6	GB-15 6-8	GB-15 8-10	GB-16 4-6	GB-17 4-6	WDNR Standard
lead (in ppm)	160	1,200	150	13	270	260	50
TCLP lead (in ppm)	-	BQL	-	-	-	-	5.0

Note: GB-15 through GB-18 collected on 10/28/98. GB-19 through GB-20 collected on 11/09/98.	GB-17 6-8	GB-17 8-10	GB-18 4-6	GB-18 6-8	GB-18 8-10	DUP (GB-17 8-10)	GB-19 2-4	GB-19 4-6	GB-19 6-8	GB-19 8-10	GB-20 2-4	WDNR Standard
lead (in ppm)	8.9	11	1,300	10	8.4	11	100	38	23	5.8	76	50
CEC (in meq/100)	-	-	-	-	-	-	-	-	-	3.4E-07	-	NA
Hydraulic Conductivity (in cm/sec)	-	-	-	-	-	-	-	-	-	-	-	NA
TCLP lead (in ppm)	-	-	0.0078	-	-	-	-	-	-	-	-	5.0

Note: GB-20 through GB-23 collected on 11/09/98.	GB-20 4-6	GB-20 6-8	GB-20 8-10	GB-21 4-6	GB-21 6-8	GB-21 8-10	GB-22 4-6	GB-22 6-8	GB-22 8-10	GB-23 4-6	GB-23 6-8	WDNR Standard
lead (in ppm)	61	83	31	130	74	320	54	30	6.8	32	520	50
CEC (in meq/100)	-	21	-	-	-	-	-	-	-	-	-	NA
Hydraulic Conductivity (cm/sec)	-	-	6.2E-08	-	-	-	-	-	-	-	-	NA

Note: GB-23 through GB-24 collected on 11/09/98. GB-25 through GB-26 collected on 11/10/98.	GB-23 8-10	GB-24 2-4	GB-24 4-6	GB-24 6-8	GB-24 8-10	DUP (GB-23 8-10)	DUP A (GB-24 6-8)	GB-25 4-6	GB-25 6-8	GB-25 8-10	GB-26 4-6	WDNR Standard
lead (in ppm)	80	620	170	6.7	8.2	76	7.8	110	150	7.5	84	50

GB-26 through GB-29 collected on 11/10/98.	GB-26 6-8	GB-26 8-10	GB-27 4-6	GB-27 6-8	GB-27 8-10	GB-28 4-6	GB-28 6-8	GB-28 8-10	GB-29 4-6	GB-29 6-8	GB-29 8-10	WDNR Standard
lead (in ppm)	200	91	8.1	35	12	18	38	29	38	190	670	50

Note: GB-29 through GB-33 collected on 11/10/98.	GB-29 10-12	GB-30 4-6	GB-30 6-8	GB-30 8-10	GB-31 4-6	GB-31 6-8	GB-31 8-10	GB-32 4-6	GB-32 6-8	GB-32 8-10	GB-33 4-6	WDNR Standard
lead (in ppm)	118	36	290	8.0	56	3.2	11	1,400	8.4	5.5	52	50

GB-33 through GB-36 collected on 11/10/98.	GB-33 6-8	GB-33 8-10	GB-34 4-6	GB-34 6-8	GB-34 8-10	GB-35 4-6	GB-35 6-8	GB-35 8-10	GB-36 2-4	GB-36 4-6	GB-36 6-8	WDNR Standard
lead (in ppm)	11	9.7	16	170	9.8	6.0	100	6.7	34	48	6,700	50
CEC (in meq/100)	26	-	-	-	-	-	-	-	-	-	-	NA
TCLP lead (in ppm)	-	-	-	-	-	-	-	-	-	-	0.062	5.0

GB-36 through GB-36 collected on 11/10/98. GB-37 through GB-42 collected on 1/14/99.	GB-36 8-10	DUP B (GB-29 4-6)	DUP C (GB-36 4-6)	GB-37 2-4	GB-37 4-6	GB-37 6-8	GB-37 8-10	DUP (GB-37 2-4)	GB-38 2-4	GB-38 4-6	GB-38 6-8	WDNR Standard
lead (in ppm)	16	11	54	3,200.0	21.0	46	33.0	2,400	150	920	150	50

GB-37 through GB-42 collected on 1/14/99.	GB-38 8-10	DUP (GB-38 4-6)	GB-39 2-4	GB-39 6-8	GB-39 10.5-12	GB-39 12-14	GB-40 1-3	GB-40 3-5	GB-40 5-6.5	GB-41 2-4	GB-41 4-6	WDNR Standard
lead (in ppm)	1,600	330	180	39	7.3	13	11	32	5.2	120	6.3	50

GB-37 through GB-42 collected on 1/14/99.	GB-41 6-8	GB-41 8-10	GB-41 (GB-41 2-4)	GB-42 2-4	GB-42 4-6	GB-42 6-8	GB-42 8-10	WDNR Standard
lead (in ppm)	450	5	80	47	29.0	6.4	6.1	50

Notes: GB-5 4-6 = Borehole designation and sample depth interval (in feet).  
 BQL = Below quantitation limit.  
 BQL(D) = Detected below quantitation limit.  
 CEC = cation exchange capacity (in milliequivalents per 100 grams of soil).

Positive results due to laboratory or other external cross contamination are not reported in this table.  
 ppm = Parts per million.  
 - = Not analyzed for this parameter.  
 NA = not applicable.