

## Amadi, Eric A - DNR

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**From:** Julie A. Zimdars <jzimdars@naturalrt.com>  
**Sent:** Wednesday, May 11, 2016 4:29 PM  
**To:** Amadi, Eric A - DNR  
**Cc:** Mike Kellogg (mkellogg@connell-lp.com); Brunette, Margaret M - DNR; Norman, Michele R - DNR  
**Subject:** RE: Former Wabash Alloys - Request for Approval of 5th Ave Soil Borrow Source/Soil Sampling Plan  
**Attachments:** Figure 2\_Proposed Boring Location and sketches.pdf

Eric,  
Thank you for your expedient review of the 5<sup>th</sup> Avenue Reconstruction Borrow Source Material Use and Sampling Plan. Attached is the proposed boring location plan (Figure 2) for the source area. In preparing this plan, we used the 2015 aerial photography from the Milwaukee County GIS and geo-referenced the proposed 5<sup>th</sup> Avenue extension from the Wisconsin Department of Transportation construction drawings (note that the proposed construction no longer includes a roundabout, as previously depicted). We also plotted the approximate locations of the 2013 PSI soil borings for reference, depicted as green targets. Also attached are sketches from the 2015 Strand Phase I for your reference in reviewing the proposed boring locations.

The proposed boring locations (blue targets) have been selected based on the following areas of potential concern identified in the 2015 Strand Phase I ESA and our review of the 2015 aerial photograph. Proposed boring locations are listed from south to north:

- Boring B-1 near a depression containing 2 empty drums near the south central portion of the Lemke property
- Boring B-2 near a shed on Kaster property surrounded by miscellaneous debris and empty drums
- Borings B-3, B-4 and B-5 to evaluate the nature and extent of the approximate 5 ½ feet of sandy clay fill material encountered in PSI soil boring B-12
- Boring B-4 adjacent to the Lemke property to assess the impact of miscellaneous debris and abandoned vehicles
- Boring B-5 near the south side of the Kaster garage where miscellaneous storage is evident
- Boring B-6 near a shed and storage area on the Lemke-Kaster property line
- Boring B-7 within the Lemke driveway where vehicle traffic/parking was located

In developing our sampling plan, we also note the following:

- The existing topsoil layer, which is 2 to 3 feet thick, is not part of our borrow source as the contractor must retain this material for future restoration.
- The proposed road and borrow source is largely on the Kaster Property. The Phase I ESA and the aerial photograph suggest more areas of potential concern on the Lemke Property.
- All existing structures, foundations, and pavements and debris will be removed from the site prior to the earthwork and the borrow source material will not include in concrete, asphalt, or demolition debris, or other debris.
- The borrow source will not include any obvious septic leach bed or drywell material.

Please let me know if you would like us to drop off hard copies at your office of the map.

Thanks, Julie

**Julie A. Zimdars, PE**  
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*Natural Resource Technology, Inc.*  
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**From:** Amadi, Eric A - DNR [mailto:Eric.Amadi@wisconsin.gov]  
**Sent:** Monday, May 09, 2016 1:57 PM  
**To:** Julie A. Zimdars

**Cc:** Mike Kellogg (mkellogg@connell-lp.com); Brunette, Margaret M - DNR; Norman, Michele R - DNR  
**Subject:** RE: Former Wabash Alloys - Request for Approval of 5th Ave Soil Borrow Source/Soil Sampling Plan

Hi Julie,

We have briefly looked at your soil sampling plan request for the subject site. The request will be presented to the VPLE Committee on Monday May 16, 2016. At this time, we need the following information prior to the presentation:

1. Blow up the map for the portions of the pertinent properties (i.e. the Lemke and the Kaster properties) on the attached map (Figure 2 - Proposed Soil Boring Locations); include scale on the map;
2. Show the proposed boring locations and how the proposed boring locations relate to the Phase I ESA site features.

Please provide the requested information to me by Wednesday, May 11, 2016, in order for me to review it prior to my presentation to the VPLE Committee scheduled for Monday May 16, 2016; else your request may not go to the Committee on the scheduled date (May 16, 2016); if the requested information is not provided.

In addition, for your reference, I have attached the link below: ***"Obtaining DNR Approval Prior to Use of Imported Soil and Other Fill materials on VPLE Sites"***

<https://sp.dnr.enterprise.wisstate.us/org/AW/Bureau-RR/Publications/RR041.pdf>

I hope this helps. Please let me know if you have questions. Thanks.

Eric

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**Eric Amadi**

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**From:** Julie A. Zimdars [<mailto:jzimdars@naturalrt.com>]

**Sent:** Friday, April 29, 2016 10:27 AM

**To:** Amadi, Eric A - DNR

**Cc:** Mike Kellogg ([mkellogg@connell-lp.com](mailto:mkellogg@connell-lp.com)); Brunette, Margaret M - DNR

**Subject:** Former Wabash Alloys - Request for Approval of 5th Ave Soil Borrow Source/Soil Sampling Plan

Hi Eric – As we spoke of on the phone last week, I have attached the *Request for Approval of 5<sup>th</sup> Avenue Soil Borrow Source Material Use and Soil Sampling Plan* (letter and figures only) for the Former Wabash Alloys site in Oak Creek. We will hand deliver 2 hard copies of the letter and all attachments today, one for you and one for Margaret Brunette. Also attached is completed Form 4400-237.

As you may recall, the soil will become available from the WDOT project in early June, so we request a response to the submittal by May 16, 2016 in order to accomplish the soil sampling.

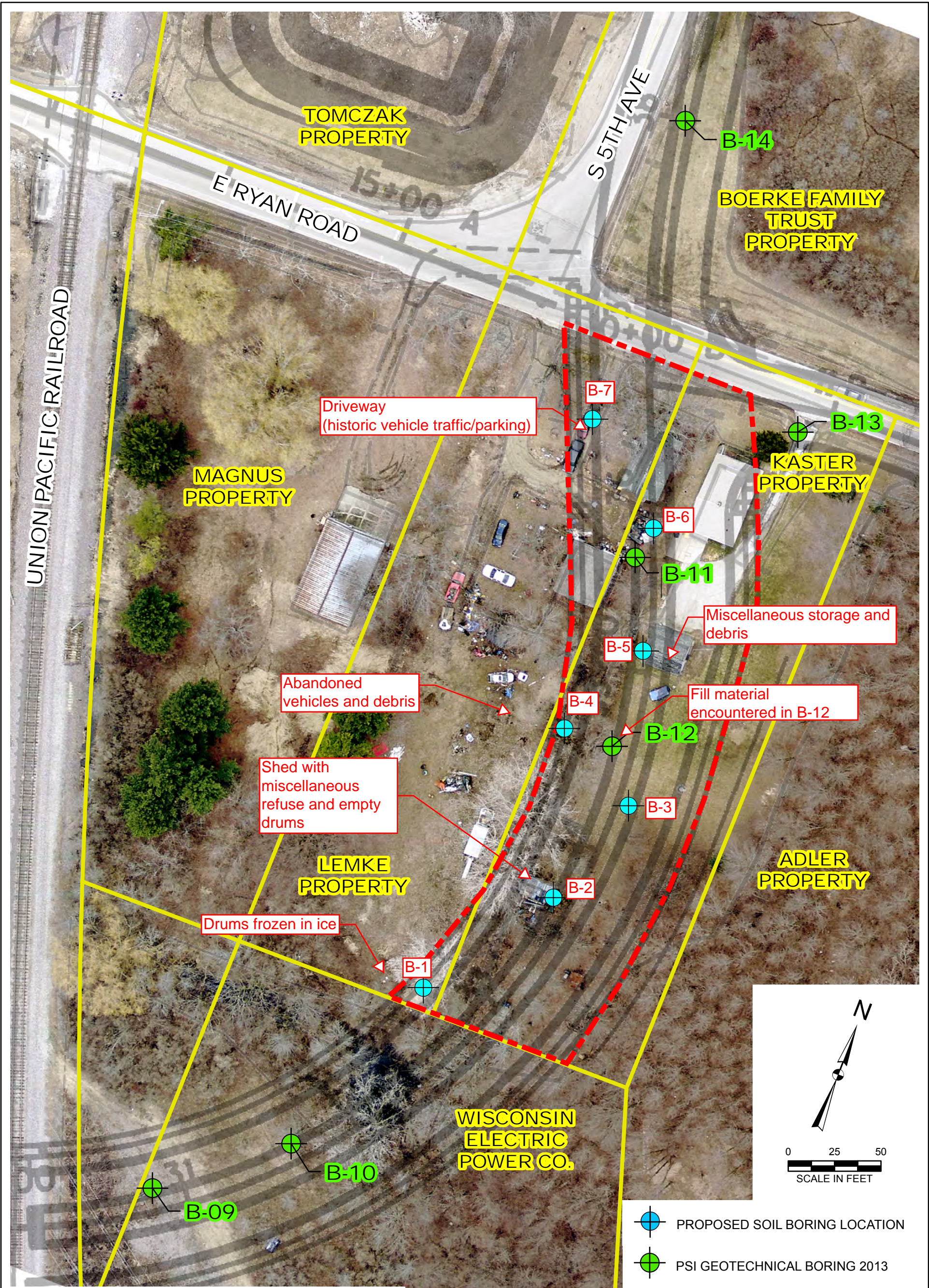
Please let me know if you have any questions on the submittal.

Thank you for your assistance, Julie

**Julie A. Zimdars, PE**  
Principal Engineer

*Natural Resource Technology, Inc*  
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Imagery Source: Milwaukee County 2015  
 Parcel Source: Wisconsin State Cartographer's Office, 2015  
 Road Construction Source: Wisconsin DOT 2987-00-74/2375-08-70

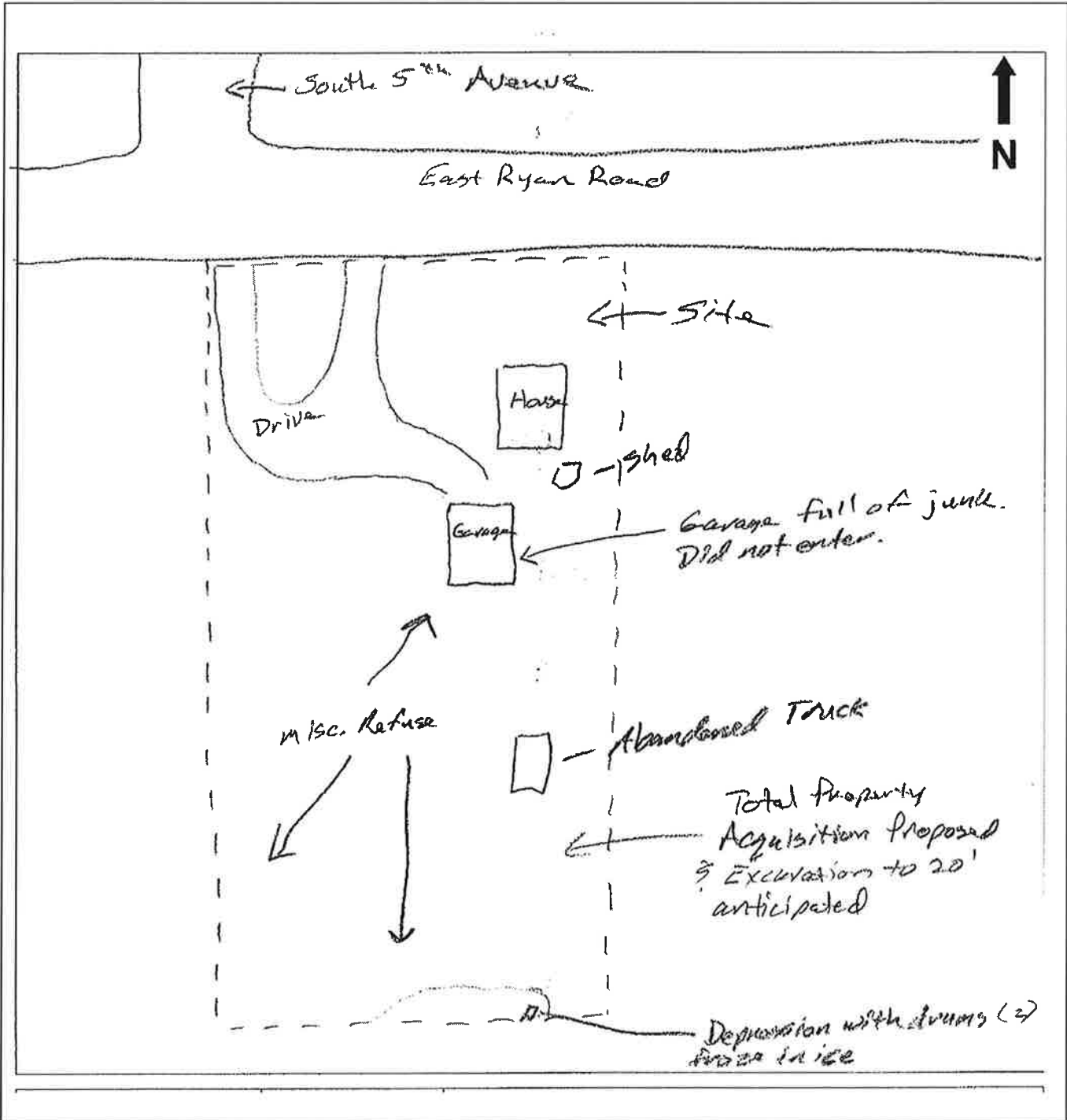
- PROPOSED SOIL BORING LOCATION
- PSI GEOTECHNICAL BORING 2013
- APPROXIMATE PROPERTY BOUNDARY
- PARCEL BOUNDARY

Y:\GIS\Projects\202095\MDM\WIDNR\Figure\_2\_Proposed Boring Locations.mxd Author: nmejac Date/Time: 5/11/2016 9:26:32 AM

<p>DRAWN BY/DATE: MDM 5/10/16</p> <p>REVIEWED BY/DATE: KMJ 5/11/16</p> <p>APPROVED BY/DATE: JAZ 5/11/16</p>	<h3>PROPOSED BORING LOCATIONS</h3> <p>5TH AVENUE SOIL BORROW SOURCE SOIL SAMPLING PLAN          FORMER WABASH ALLOYS FACILITY          9100 SOUTH FIFTH AVENUE, OAK CREEK, WISCONSIN 53154          WDNR BRRTS ACTIVITY # 02-41-553761 &amp; # 06-41-560068</p>	<p>PROJECT NO: 2095</p> <p>FIGURE NO: 2</p>
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# SITE SKETCH

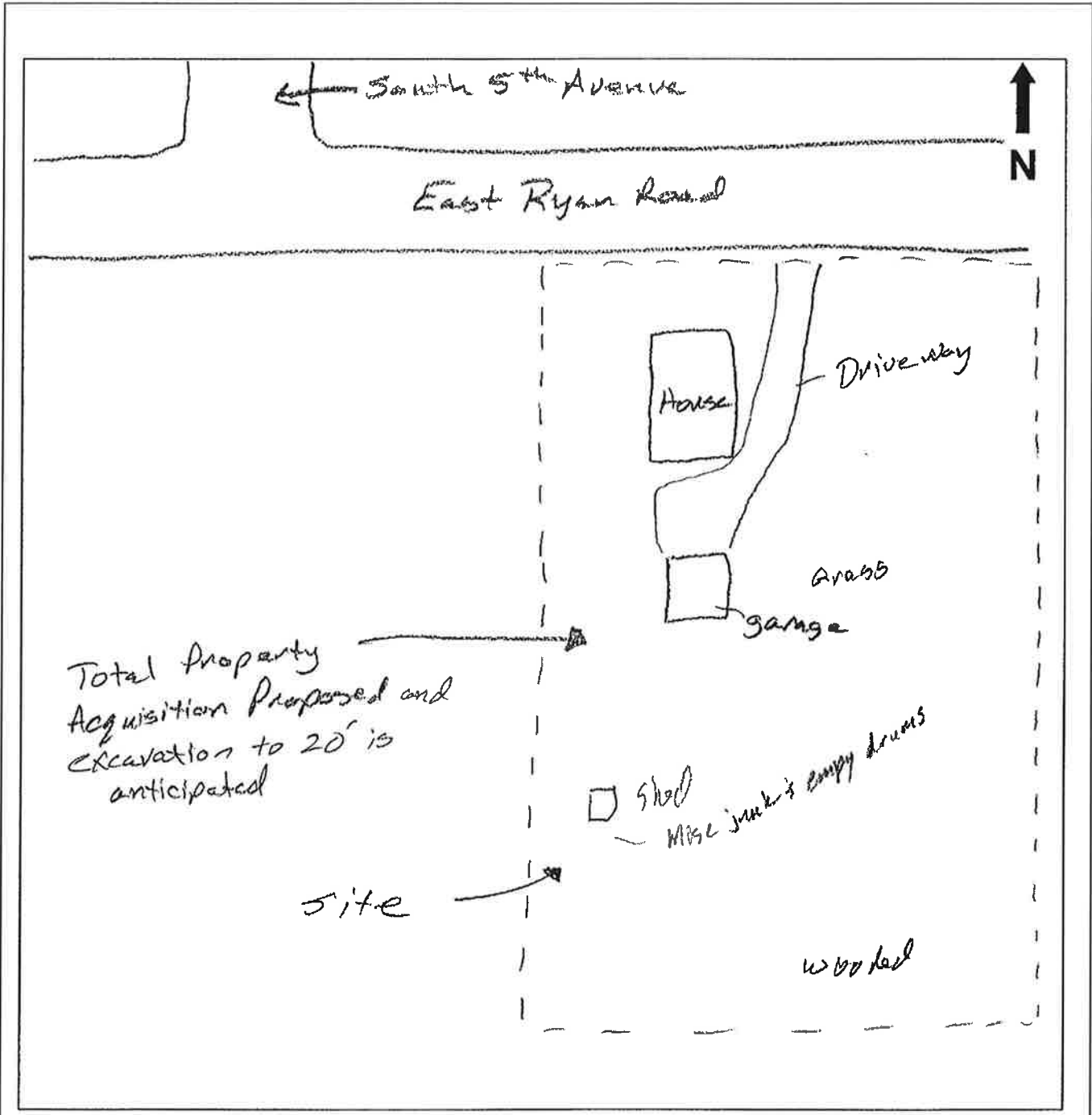
CITY OF OAK CREEK	SOUTH 5TH AVENUE RELOCATION
PHASE 1 HMA	SOUTH CHICAGO ROAD TO EAST RYAN ROAD
	PROJECT I.D. 2987-00-14



<b>APPENDIX F</b>	<b>Map I.D.(s):</b>	23
	<b>Site Name:</b>	LEMKE PROPERTY

# SITE SKETCH

CITY OF OAK CREEK	SOUTH 5TH AVENUE RELOCATION
PHASE 1 HMA	SOUTH CHICAGO ROAD TO EAST RYAN ROAD
	PROJECT I.D. 2987-00-14



<b>APPENDIX G</b>	Map I.D.(s):	24
	Site Name:	KASTER PROPERTY