

NOTES:

- TOPOGRAPHIC INFORMATION WITHIN THE POTENTIAL FUTURE BORROW AREA PROPERTY HAS BEEN PROVIDED BY BEI AERIAL MAPPING, DATE OF PHOTOGRAPHY, APRIL 5, 2004.
- TOPOGRAPHIC INFORMATION WITHIN THE PROPERTY LINE OF THE LANDFILL HAS BEEN PROVIDED BY COOPER AERIAL SURVEYS CO., DATE OF PHOTOGRAPHY, JANUARY 20, 2014.
- CONTOURS INSIDE VEGETATED AREAS MAY NOT MEET MAPPING STANDARDS AND SHOULD BE FIELD CHECKED FOR RELIABILITY.
- ALL SURVEY CONTROL POINT DATA PROVIDED BY WRIGHT AND FIELDS LAND SURVEYING VIA LETTER DATED JUNE 24, 2011.
- JURISDICTIONAL STREAMS AND WETLANDS INFORMATION WITHIN THE LANDFILL PROPERTY HAS BEEN PROVIDED BY DONALDSON GARRETT AND ASSOCIATES, INC., SURVEY DATED SEPTEMBER 18, 2002.
- CONSERVATION EASEMENT LIMITS PROVIDED BY WRIGHT & FIELDS LAND SURVEYING IN A SURVEY TITLED 'CONSERVATION EASEMENT SURVEY FOR: REPUBLIC SERVICES OF NORTH CAROLINA, LLC' LAST REVISED ON JULY 31, 2006.
- THE JURISDICTIONAL DETERMINATION FOR THE STREAMS AND WETLANDS WAS ISSUED BY THE ARMY CORPS OF ENGINEERS ON DECEMBER 23, 2004 FOR PREVIOUS IMPACTS.
- STREAMS, WETLANDS AND DWARF-FLOWERED HEARTLEAF COLONIES WERE DELINEATED BY DIEFFENBAUCH & HRTZ, PLLC IN AUGUST 2013. THEIR FINDINGS WERE PRESENTED IN A REPORT TITLED 'STREAM AND WETLAND INVESTIGATION FOR THE POTENTIAL BORROW AREAS Foothills REGIONAL LANDFILL DATED NOVEMBER 2013. SURVEYS OF THE DELINEATED STREAMS AND WETLANDS WERE PERFORMED BY WRIGHT AND FIELDS LAND SURVEYING IN OCTOBER 2013. THE JURISDICTIONAL DETERMINATION FOR THESE STREAMS AND WETLANDS WAS ISSUED BY THE ARMY CORPS OF ENGINEERS ON MARCH 13, 2015.
- AREAS OF HEXASTYLIS NANIFLORA WERE STUDIED BY GOLDER ASSOCIATES APRIL 19-21, 2014 IN ORDER TO DETERMINE ACTUAL COLONIES OF HEXASTYLIS NANIFLORA. THE AREAS SHOWN AS DELINEATED HEXASTYLIS NANIFLORA REPRESENT THE FINDINGS OF THE OBSERVATIONS PERFORMED BY GOLDER.
- BOUNDARY SURVEY COMPILED BY TOMMY FIELDS, PLS 2906 - LAST REVISED AND UPDATED AUGUST 14, 2007.

LEGEND

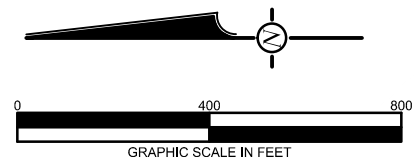
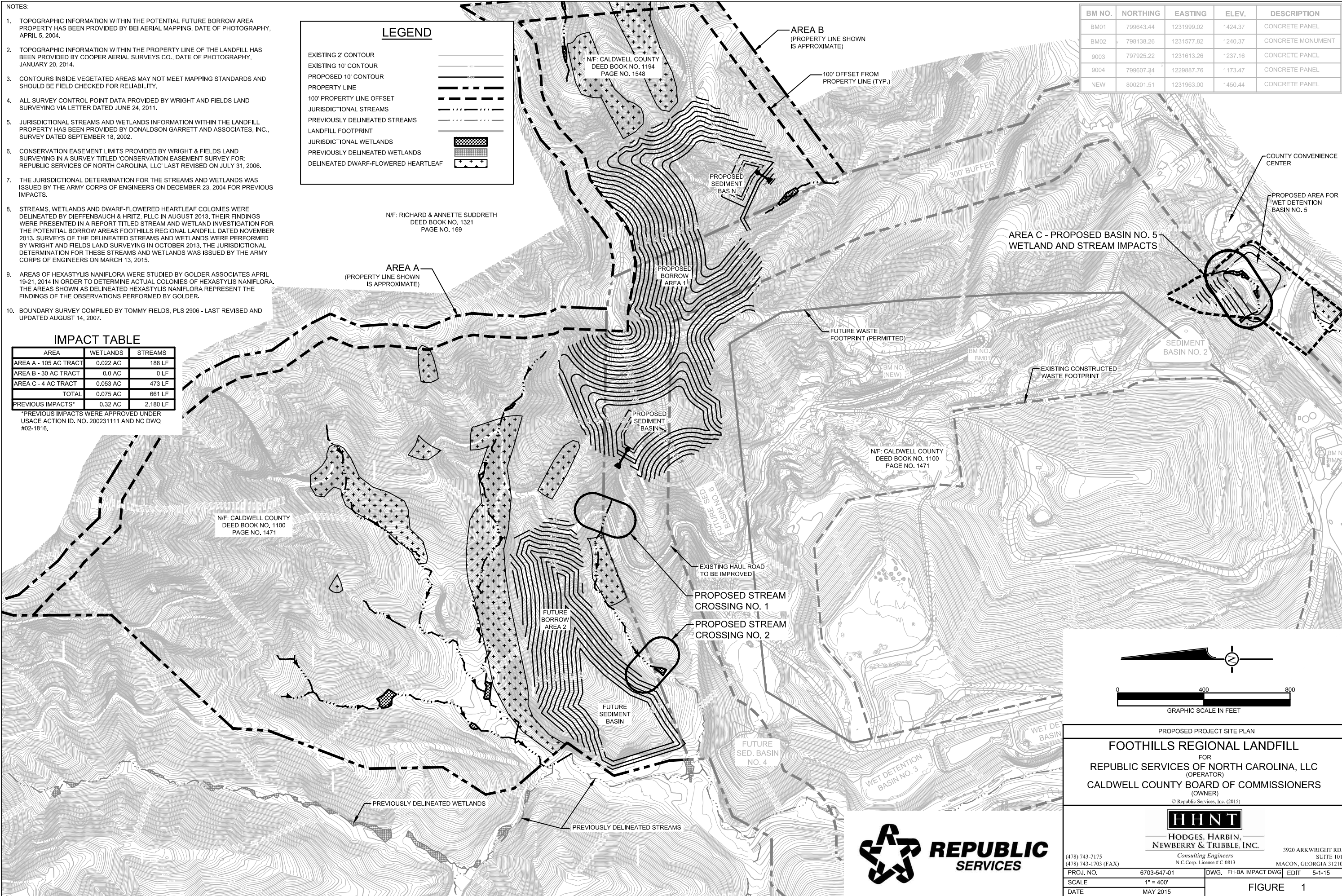
- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED 10' CONTOUR
- PROPERTY LINE
- 100' PROPERTY LINE OFFSET
- JURISDICTIONAL STREAMS
- PREVIOUSLY DELINEATED STREAMS
- LANDFILL FOOTPRINT
- JURISDICTIONAL WETLANDS
- PREVIOUSLY DELINEATED WETLANDS
- DELINEATED DWARF-FLOWERED HEARTLEAF

BM NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
BM01	799643.44	1231999.02	1424.37	CONCRETE PANEL
BM02	798138.26	1231577.82	1240.37	CONCRETE MONUMENT
9003	797925.22	1231613.26	1237.16	CONCRETE PANEL
9004	799607.34	1229887.76	1173.47	CONCRETE PANEL
NEW	800201.51	1231963.00	1450.44	CONCRETE PANEL

IMPACT TABLE

AREA	WETLANDS	STREAMS
AREA A - 105 AC TRACT	0.022 AC	188 LF
AREA B - 30 AC TRACT	0.0 AC	0 LF
AREA C - 4 AC TRACT	0.053 AC	473 LF
TOTAL	0.075 AC	661 LF
PREVIOUS IMPACTS*	0.32 AC	2,180 LF

*PREVIOUS IMPACTS WERE APPROVED UNDER USACE ACTION ID. NO. 200231111 AND NC DWQ #02-1816.



PROPOSED PROJECT SITE PLAN

FOOTHILLS REGIONAL LANDFILL
 FOR
 REPUBLIC SERVICES OF NORTH CAROLINA, LLC
 (OPERATOR)
 CALDWELL COUNTY BOARD OF COMMISSIONERS
 (OWNER)

© Republic Services, Inc. (2015)

HHNT
 HODGES, HARBIN,
 NEWBERRY & TRIBBLE, INC.
 Consulting Engineers
 N.C. Corp. License # C-0813

3920 ARKWRIGHT RD.
 SUITE 101
 MACON, GEORGIA 31210

(478) 743-7175
 (478) 743-1703 (FAX)

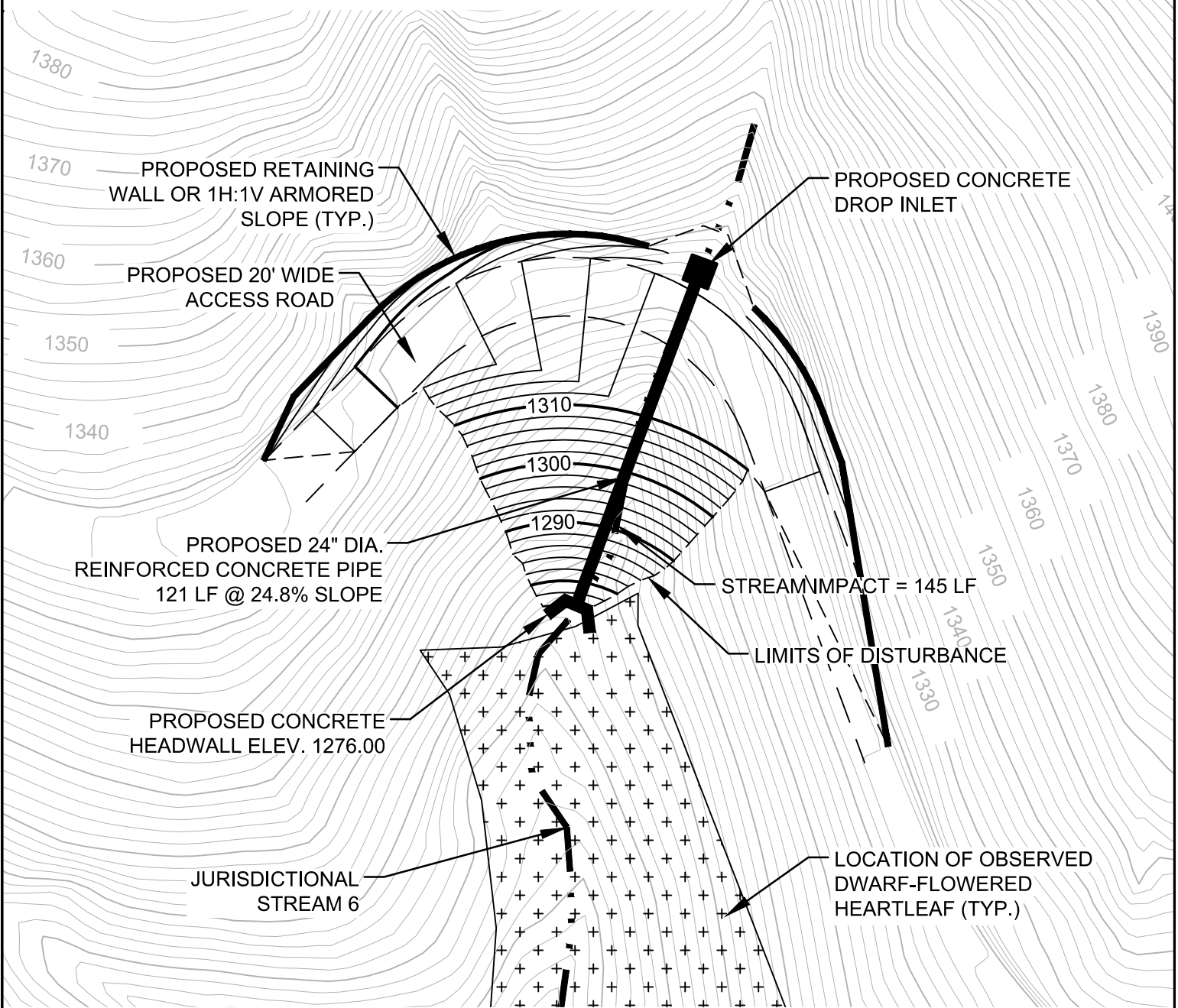
PROJ. NO.	6703-547-01	DWG.	FH-BA IMPACT DWG	EDIT	5-1-15
SCALE	1" = 400'				
DATE	MAY 2015				

FIGURE 1



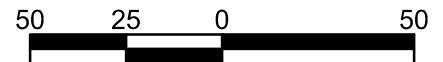
REFERENCE NOTES:

1. TOPOGRAPHIC INFORMATION PROVIDED BY BEI AERIAL MAPPING, DATE OF PHOTOGRAPHY, APRIL 5, 2004.
2. SURVEYS OF THE DELINEATED STREAMS AND WETLANDS WERE PERFORMED AND PROVIDED BY WRIGHT AND FIELDS LAND SURVEYING IN OCTOBER 2013.
3. THE AREAS SHOWN AS OBSERVED DWARF-FLOWERED HEARTLEAF REPRESENT THE FINDINGS OF THE OBSERVATIONS PERFORMED BY GOLDR.



STREAM CROSSING NO. 1 - PLAN VIEW

FOOTHILLS LANDFILL

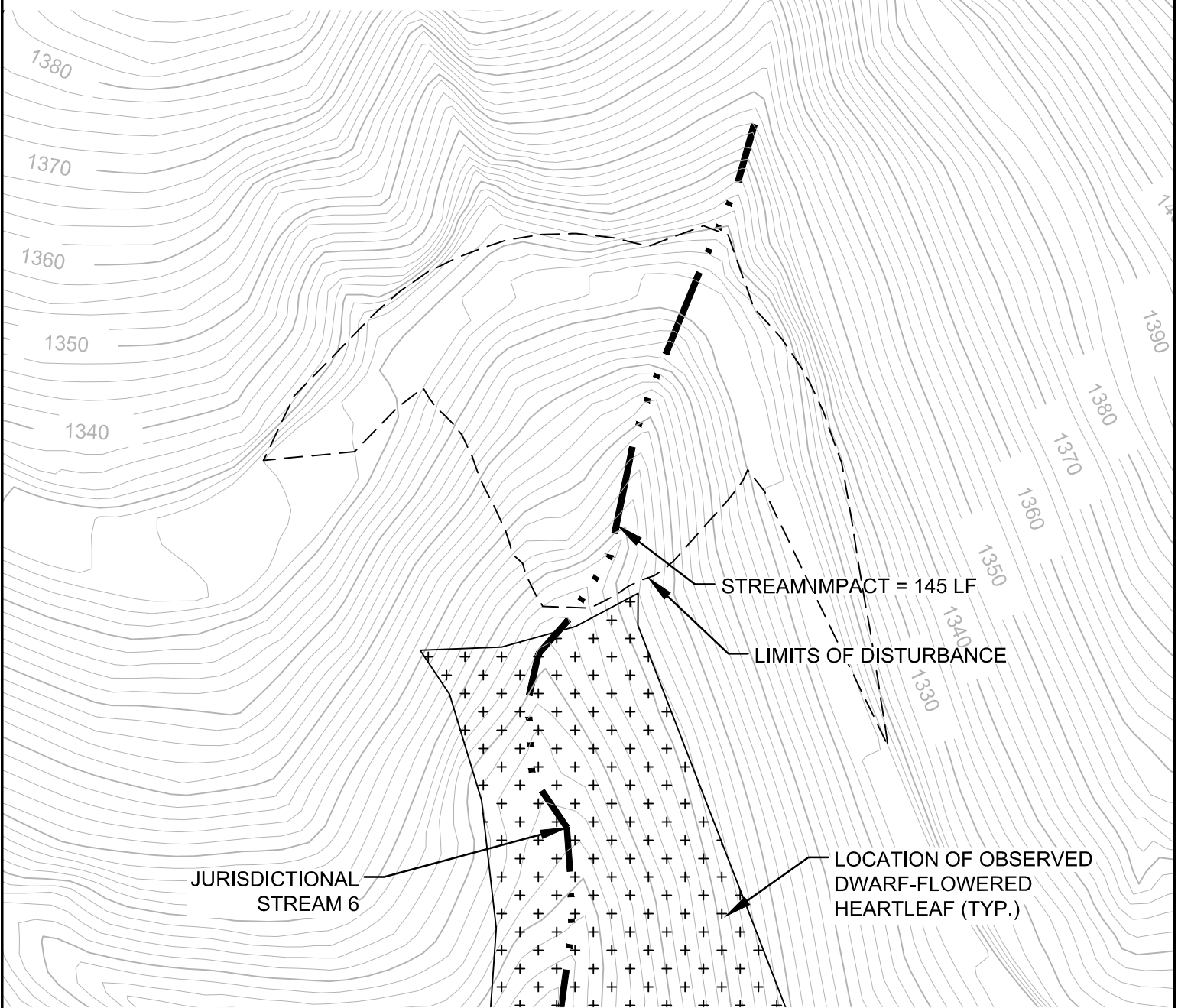


GRAPHIC SCALE IN FEET

DATE: 3-31-15

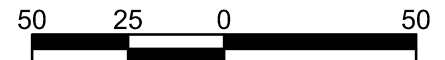
REFERENCE NOTES:

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STREAM CROSSING NO. 1 - PLAN VIEW

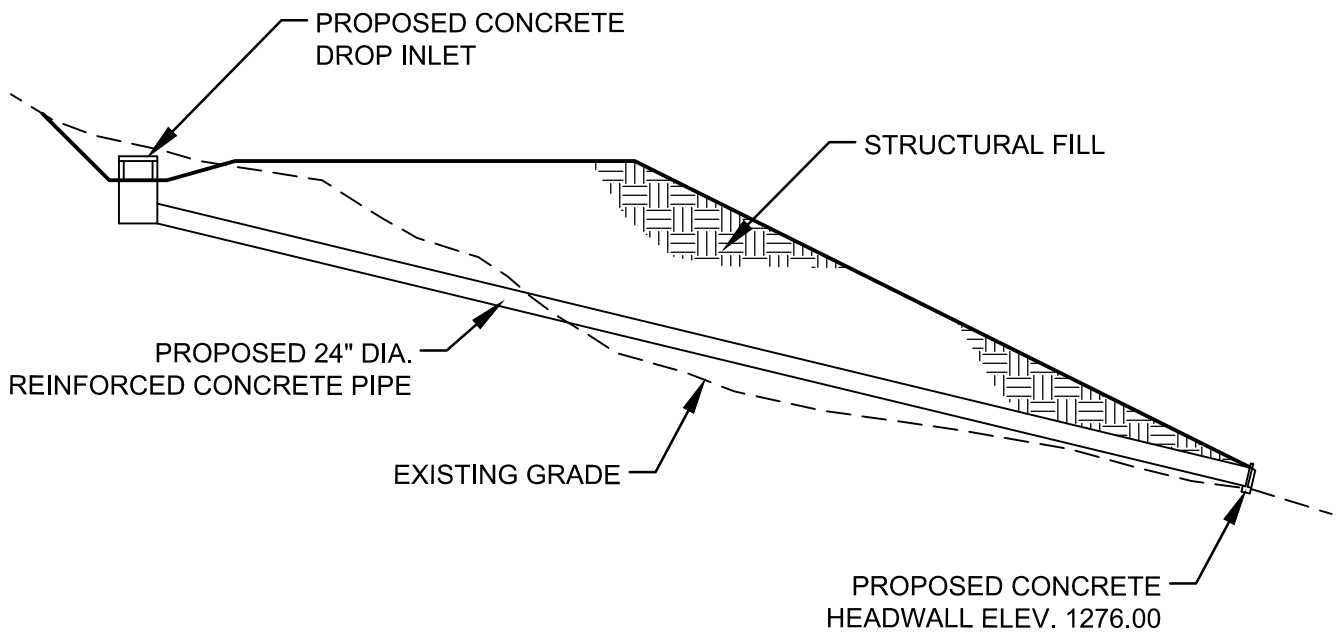
FOOTHILLS LANDFILL



GRAPHIC SCALE IN FEET

DATE: 3-31-15

NOTE: CROSSING NO. 1 WILL IMPACT 145 LF OF STREAM



STREAM CROSSING NO. 1 - CROSS SECTION

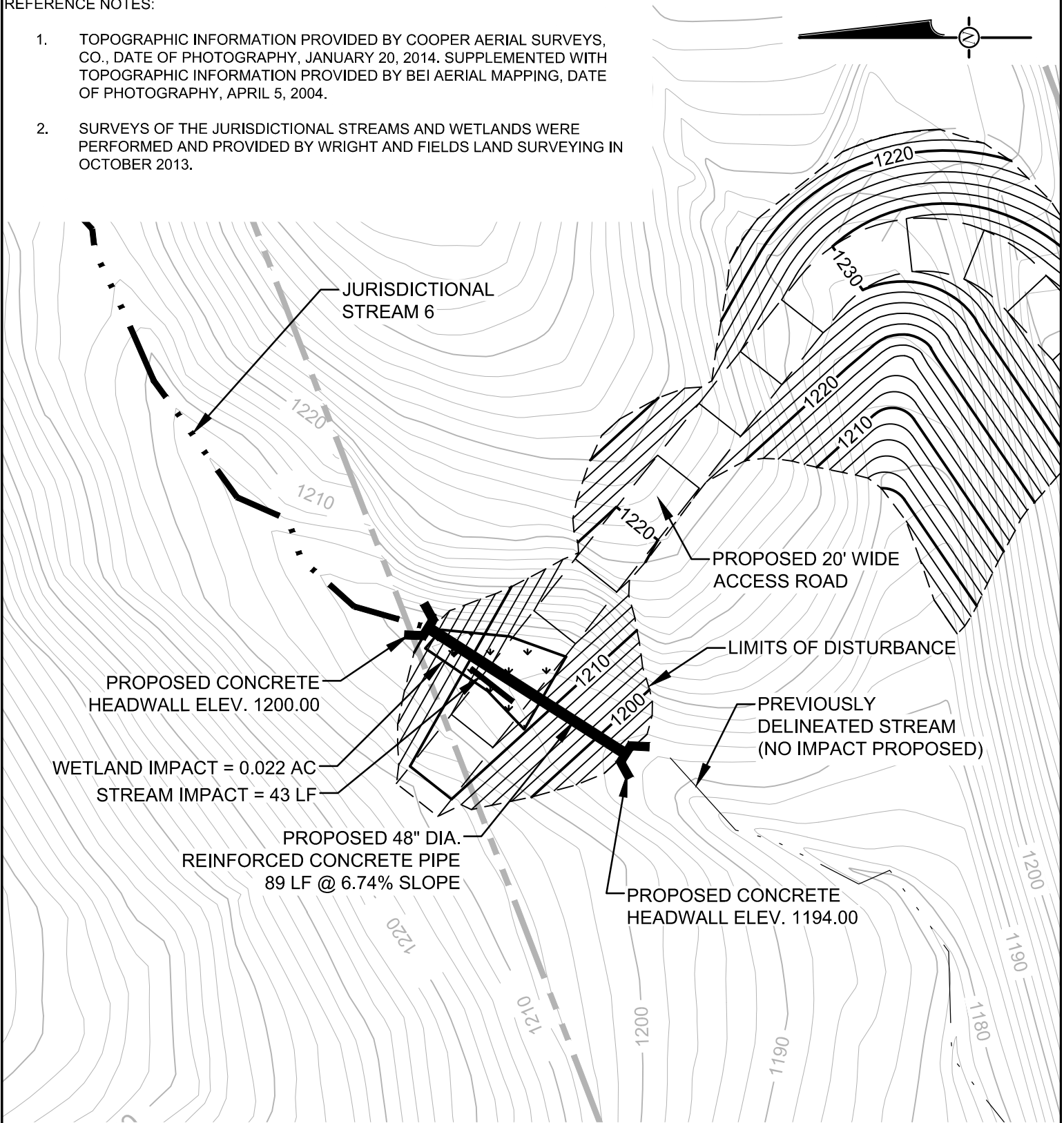
FOOTHILLS LANDFILL



DATE: 3-31-15

REFERENCE NOTES:

1. TOPOGRAPHIC INFORMATION PROVIDED BY COOPER AERIAL SURVEYS, CO., DATE OF PHOTOGRAPHY, JANUARY 20, 2014. SUPPLEMENTED WITH TOPOGRAPHIC INFORMATION PROVIDED BY BEI AERIAL MAPPING, DATE OF PHOTOGRAPHY, APRIL 5, 2004.
2. SURVEYS OF THE JURISDICTIONAL STREAMS AND WETLANDS WERE PERFORMED AND PROVIDED BY WRIGHT AND FIELDS LAND SURVEYING IN OCTOBER 2013.



STREAM CROSSING NO. 2 - PLAN VIEW

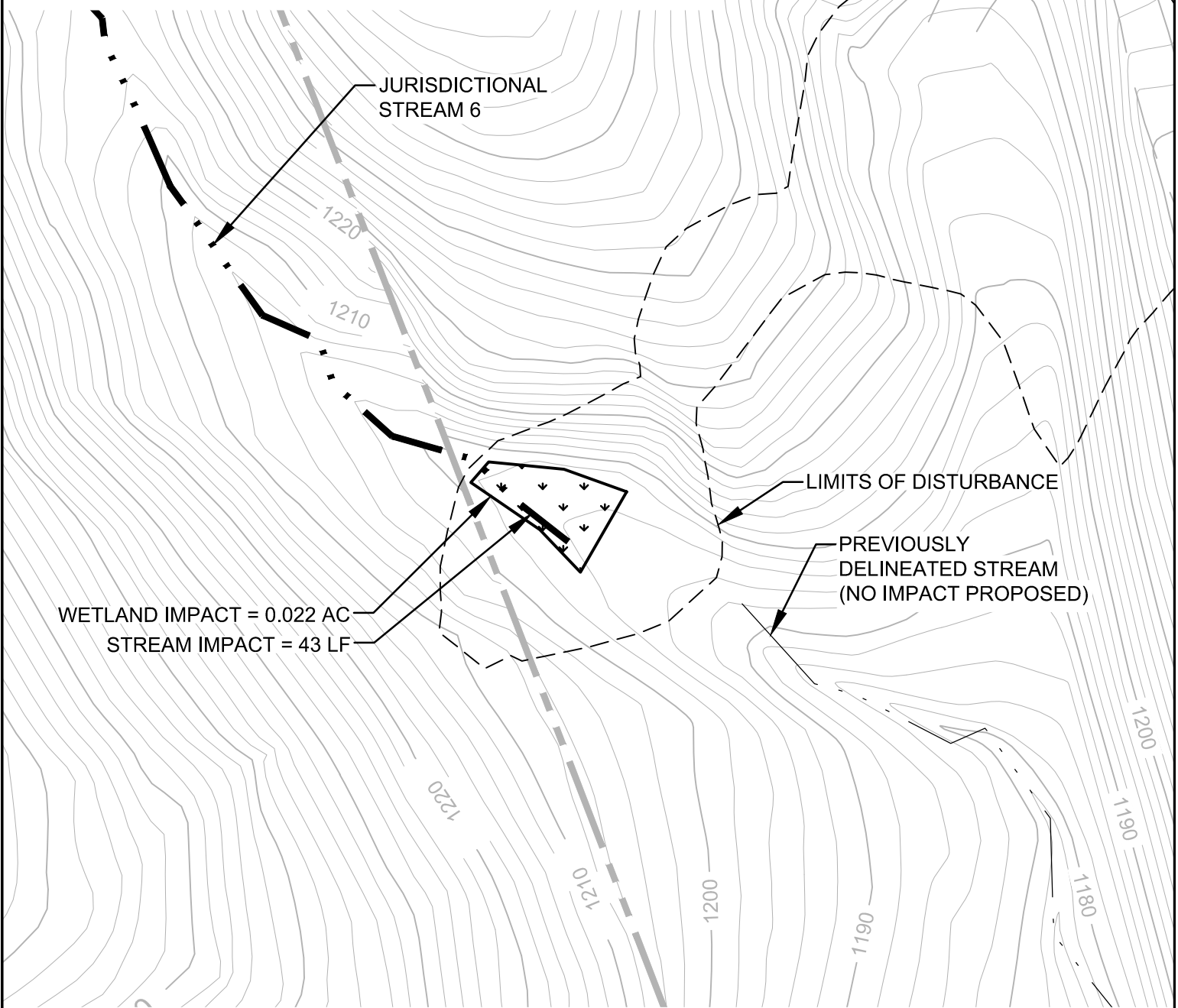
FOOTHILLS LANDFILL



DATE: 4-3-15

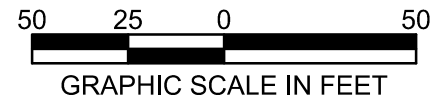
REFERENCE NOTES:

1. TOPOGRAPHIC INFORMATION PROVIDED BY COOPER AERIAL SURVEYS, CO., DATE OF PHOTOGRAPHY, JANUARY 20, 2014. SUPPLEMENTED WITH TOPOGRAPHIC INFORMATION PROVIDED BY BEI AERIAL MAPPING, DATE OF PHOTOGRAPHY, APRIL 5, 2004.
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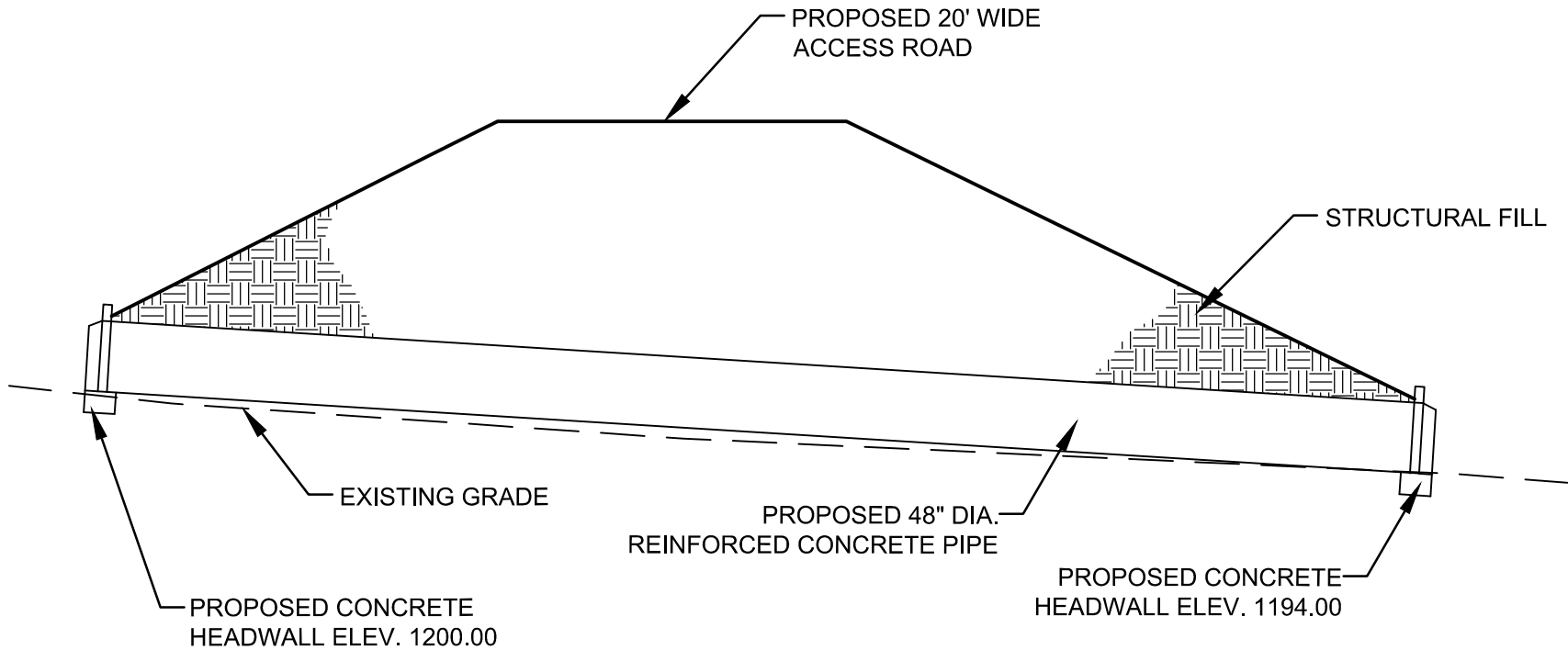
STREAM CROSSING NO. 2 - PLAN VIEW

FOOTHILLS LANDFILL



DATE: 4-3-15

NOTE: CROSSING NO. 2 WILL IMPACT 43 LF OF STREAM



STREAM CROSSING NO. 2 - CROSS SECTION

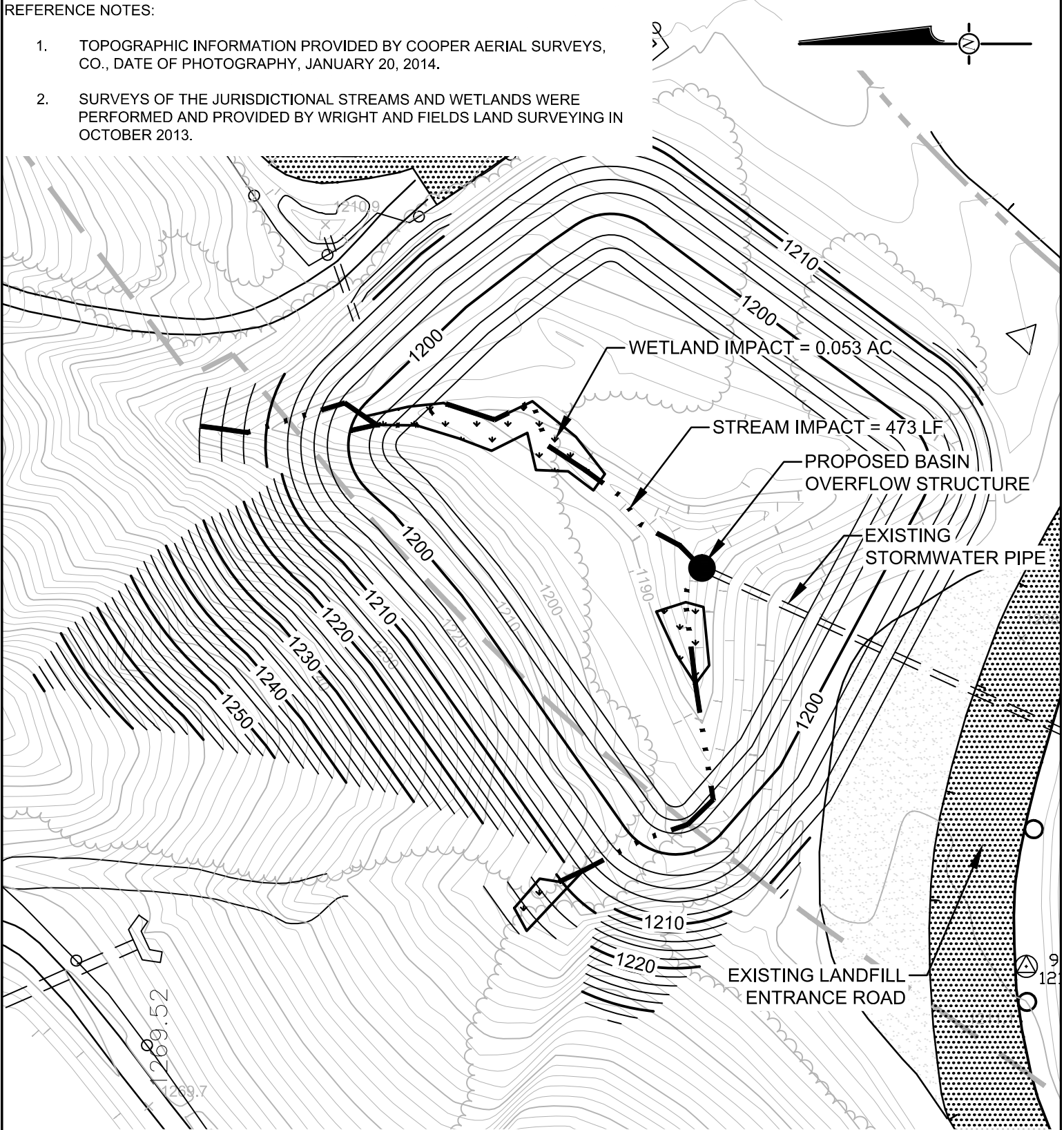
FOOTHILLS LANDFILL



DATE: 3-31-15

REFERENCE NOTES:

1. TOPOGRAPHIC INFORMATION PROVIDED BY COOPER AERIAL SURVEYS, CO., DATE OF PHOTOGRAPHY, JANUARY 20, 2014.
2. SURVEYS OF THE JURISDICTIONAL STREAMS AND WETLANDS WERE PERFORMED AND PROVIDED BY WRIGHT AND FIELDS LAND SURVEYING IN OCTOBER 2013.



BASIN NO. 5 IMPACTS - PLAN VIEW

FOOTHILLS LANDFILL



DATE: 4-3-15

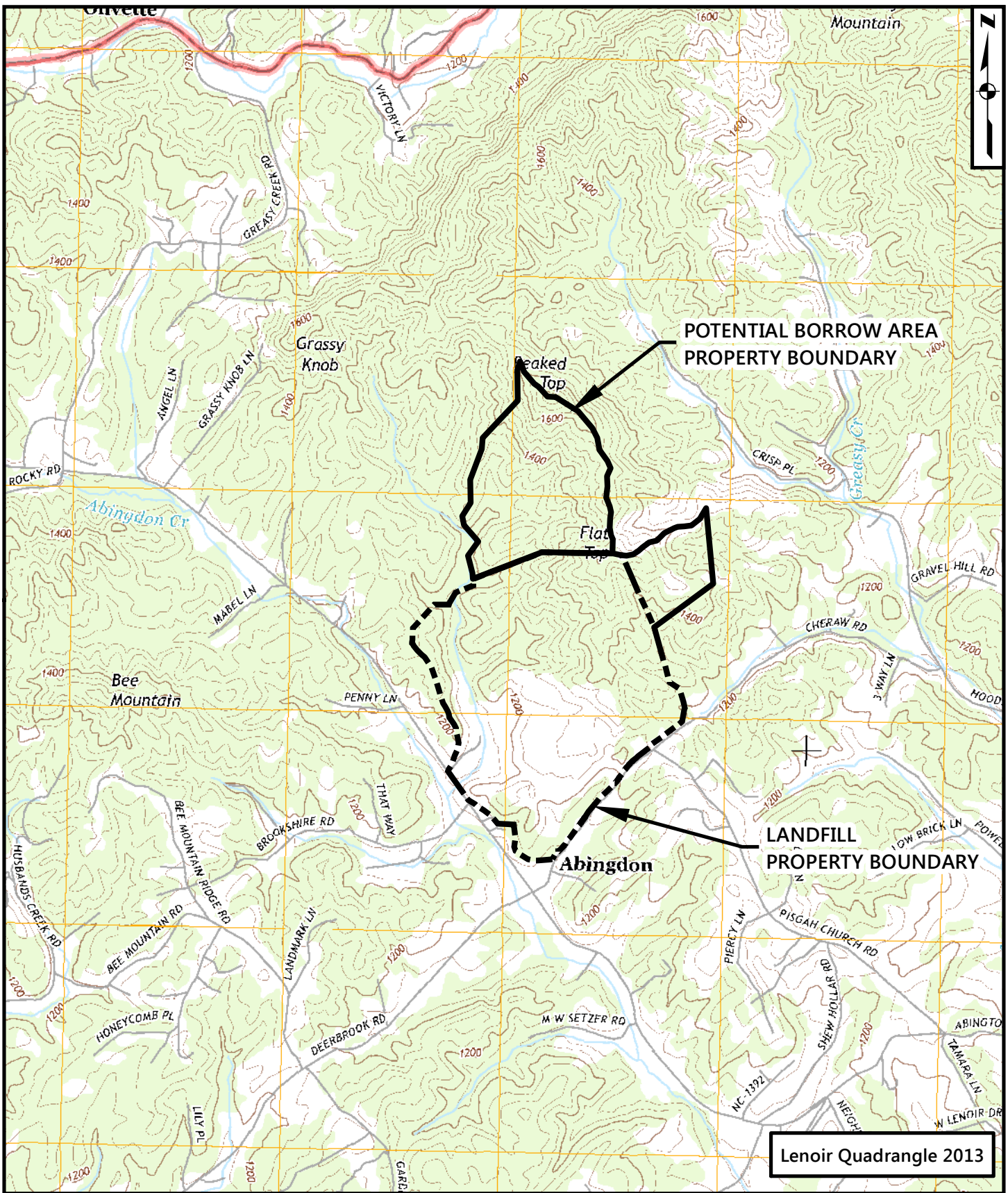
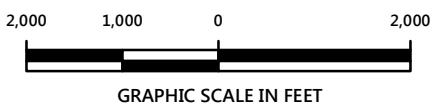


Figure 5



Potential Borrow Area
Foothills Regional Landfill

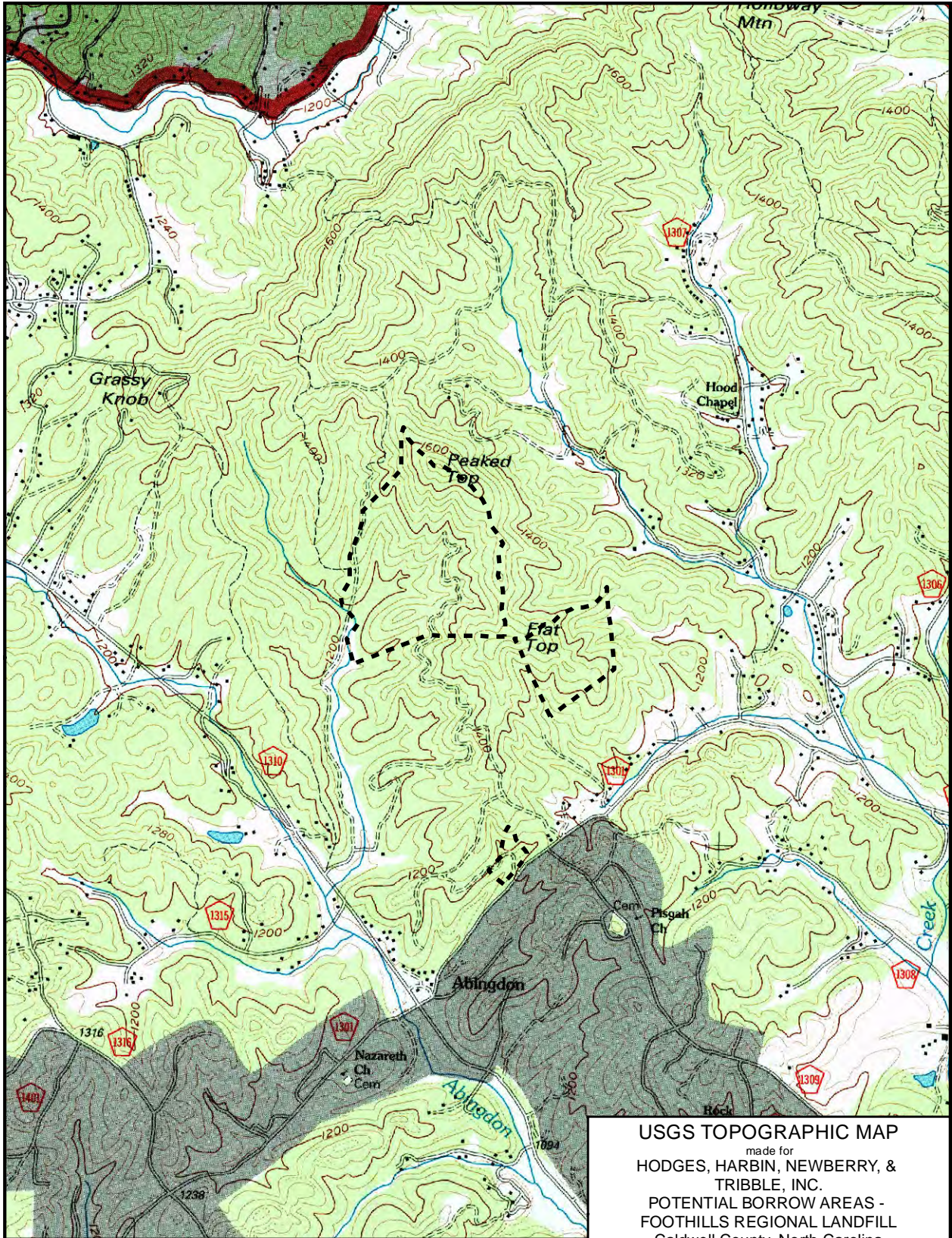
Caldwell County, North Carolina

Date: 4/6/2015



HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers



Reference: USGS 7.5 Minute Series- Lenoir Quad, NC 1994

0 1,000 2,000 Feet

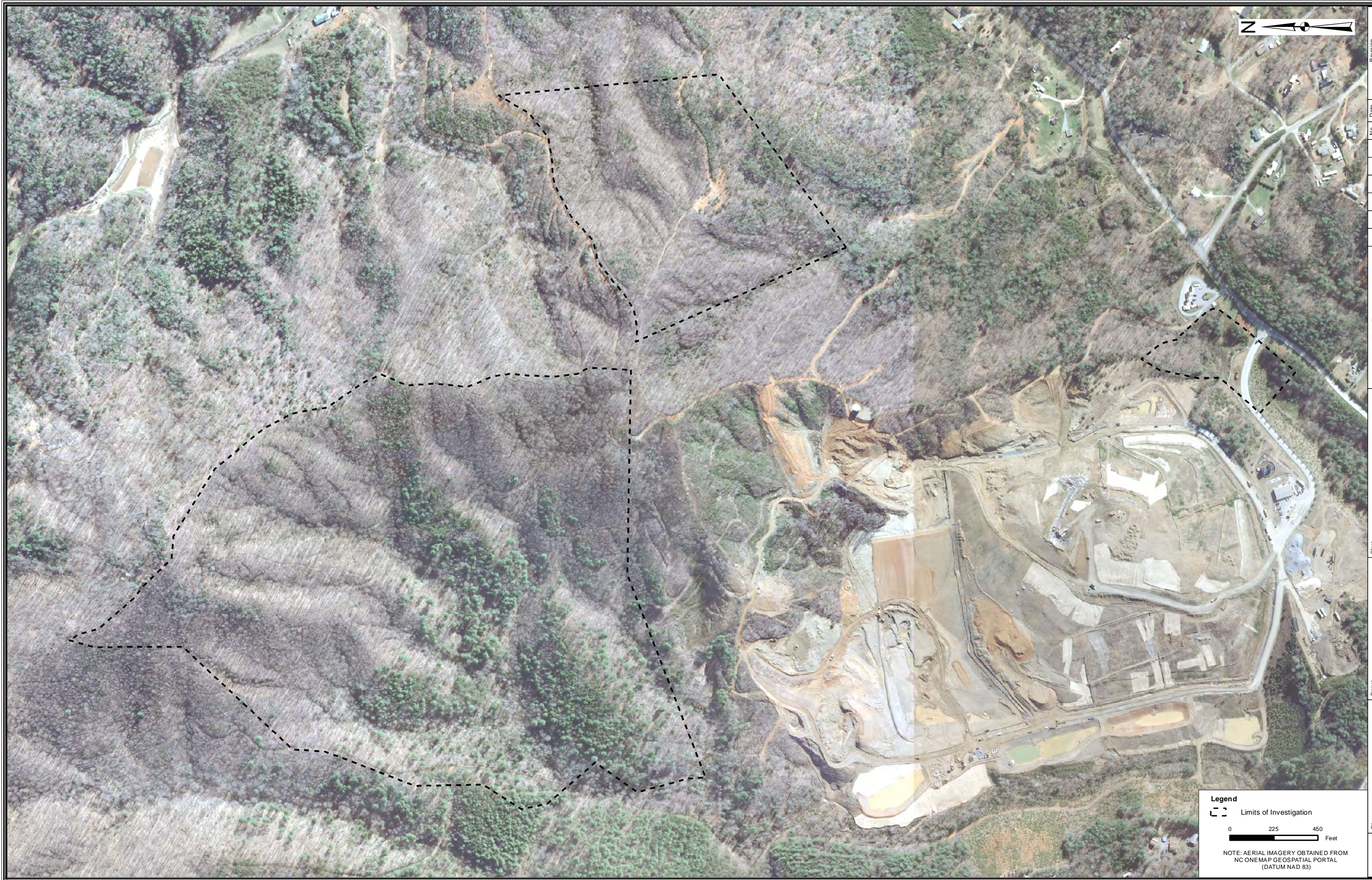
--- Limits of Investigation

USGS TOPOGRAPHIC MAP

made for
**HODGES, HARBIN, NEWBERRY, &
 TRIBBLE, INC.**

**POTENTIAL BORROW AREAS -
 FOOTHILLS REGIONAL LANDFILL
 Caldwell County, North Carolina**

prepared by
DIEFFENBAUCH & HRTZ, PLLC.
 543 Keisler Drive, Suite 104 Cary, NC 27518
 Phone: 919-615-1758 Fax: 919-615-2627



Legend

--- Limits of Investigation

0 225 450
Feet

NOTE: AERIAL IMAGERY OBTAINED FROM
NC ONEMAP GEOSPATIAL PORTAL
(DATUM NAD 83)

Revision			
No.	Date		
BAB Drawn			
JW Checked			
CLP Approved			
1" = 456' Scale			
9/13/2013 Date			
130108 Project No.			
Client	HODGES, HARBIN, NEWBERRY, & TRIBBLE, INC.		
Project	POTENTIAL BORROW AREAS - Foothills Regional Landfill		
Title	AERIAL PHOTOGRAPH		
Drawing No.	1		