

## Information for File # 2014-02418-WAB

**Applicant:** Jon Hodgson / U.S. Forest Service

**Corps Contact:** William Baer

**Address:** 4111 Technology Drive, Suite 295, Bemidji, MN 56601

**E-Mail:** William.A.Baer@usace.army.mil

**Phone:** (651) 290-5338

**Primary County:** Itasca

**Location:** NW ¼, NE ¼, Section 35, T146N, R29W

**Information Complete On:** 7/31/2014

**Posting Expires On:** 10/20/2014

**Authorization Type:** LOP-10-R

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

**PROJECT DESCRIPTION AND PURPOSE:** The existing constructed harbor on the west side of Lake Winnibigoshish would be partially filled for the purposes of reducing habitat for aquatic invasive species, including faucet snail (*Bithynia tentaculata*) and zebra mussel (*Dreissena polymorpha*). The project consists of relocating the existing harbor boat launch ramp, filling in approximately half of the existing harbor, dredging portions of the remaining harbor channel, riprapping the face of the fill area, and hydroseeding the work area. Fill material would consist of approximately 1,650 cubic yards of borrow material taken from the upland slope on the north side of the existing harbor and approximately 3,275 cubic yards of fill would be obtained offsite. Approximately 420 cubic yards of material would be excavated from the harbor to widen the channel and relocate the existing boat ramp.

**NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:** Approximately 0.35 acres of aquatic area in the constructed harbor would be filled. Additional work will occur in the remaining portion of the harbor and entrance channel during reconstruction of the boat ramp and dredging. However, the impacts will not result in the loss of waters.

**ALTERNATIVES CONSIDERED:** The applicant considered two alternatives: do nothing, or completely fill the harbor. The do nothing alternative does not address the need to reduce aquatic invasive species habitat at this high-risk site. Completely filling the harbor was also considered not feasible, as it fails to provide boaters with a safe mooring area and retreat during times of strong easterly winds.

**COMPENSATORY MITIGATION:** The applicant has not proposed compensatory mitigation for this project.

**Drawings** See attached.

US Department of Agriculture  
 Forest Service



Region Nine

FOREST DEVELOPMENT PROJECT

# WEST WINNIE HARBOR MODIFICATION

Chippewa National Forest  
 Itasca County  
 Minnesota

## INDEX OF SHEETS

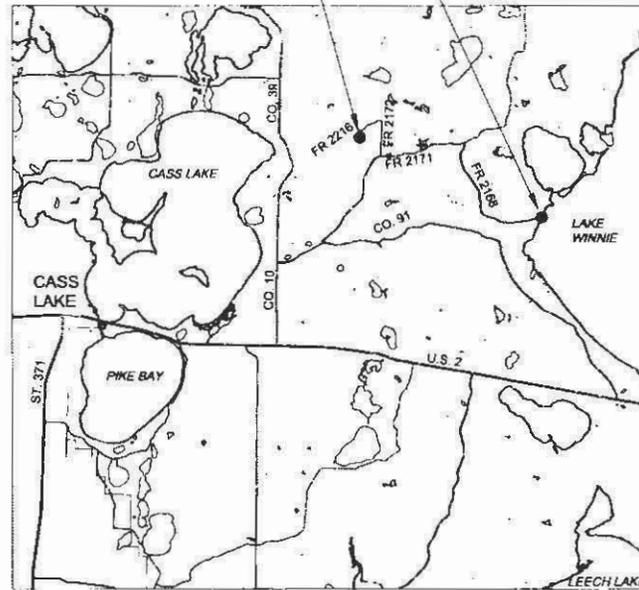
SHEET	SHEET TITLE
01	TITLE SHEET
02	GENERAL NOTES
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04	PROPOSED SITE PLAN - RIPRAP DETAIL
05	HARBOR SECTIONS
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07	RAMP DETAILS
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### PROJECT LOCATION



EASTERN REGION

### WEST WINNIE BOAT LAUNCH BURNS LAKE PIT



### LOCATION MAP

*Brian Title*  
 BLACKDUCK DISTRICT RANGER *Brian Title* 7/17/2014  
 DATE

*Ann Hodgson*  
 FOREST ENGINEER 7/22/14  
 DATE

*Tommy Tule*  
 WILDLIFE PROGRAM MANAGER 7/20/14  
 DATE

CH 10502

**GENERAL NOTES**

1. The project consists of: Relocating the existing harbor boat launch ramp; Filling in about one half of the existing harbor; Dredging the remaining portion of the harbor channel; Riprapping the face of the filled area; and hydro-seeding the work area.
2. Contractor must locate and identify utility services.
3. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent areas.
4. Coordinate with the Forest Service to minimize interference with the day to day use of the adjacent boat landing.
5. Contractor shall minimize disturbance of ground during construction to avoid damaging sensitive heritage sites in the area of work. When material is hauled over land to the work site, hauling operations shall follow the same 1 or 2 routes of travel to reduce the amount of area disturbed. Equipment may move more freely in harbor/spoil pile areas. Haul routes and staging areas shall be coordinated with the COR.
6. All disturbed areas shall be repaired to the satisfaction of the COR.
7. A gravel access lane shall be constructed to the new boat ramp location as shown on the drawings. Existing sod and topsoil are to be removed from this area. Place and compact MN DOT Class V road gravel to a minimum compacted thickness of 6". Compact with a minimum 8-ton smooth drum roller until visible signs of deformation cease.

**NOTES**

No.	Revisions	Date

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE



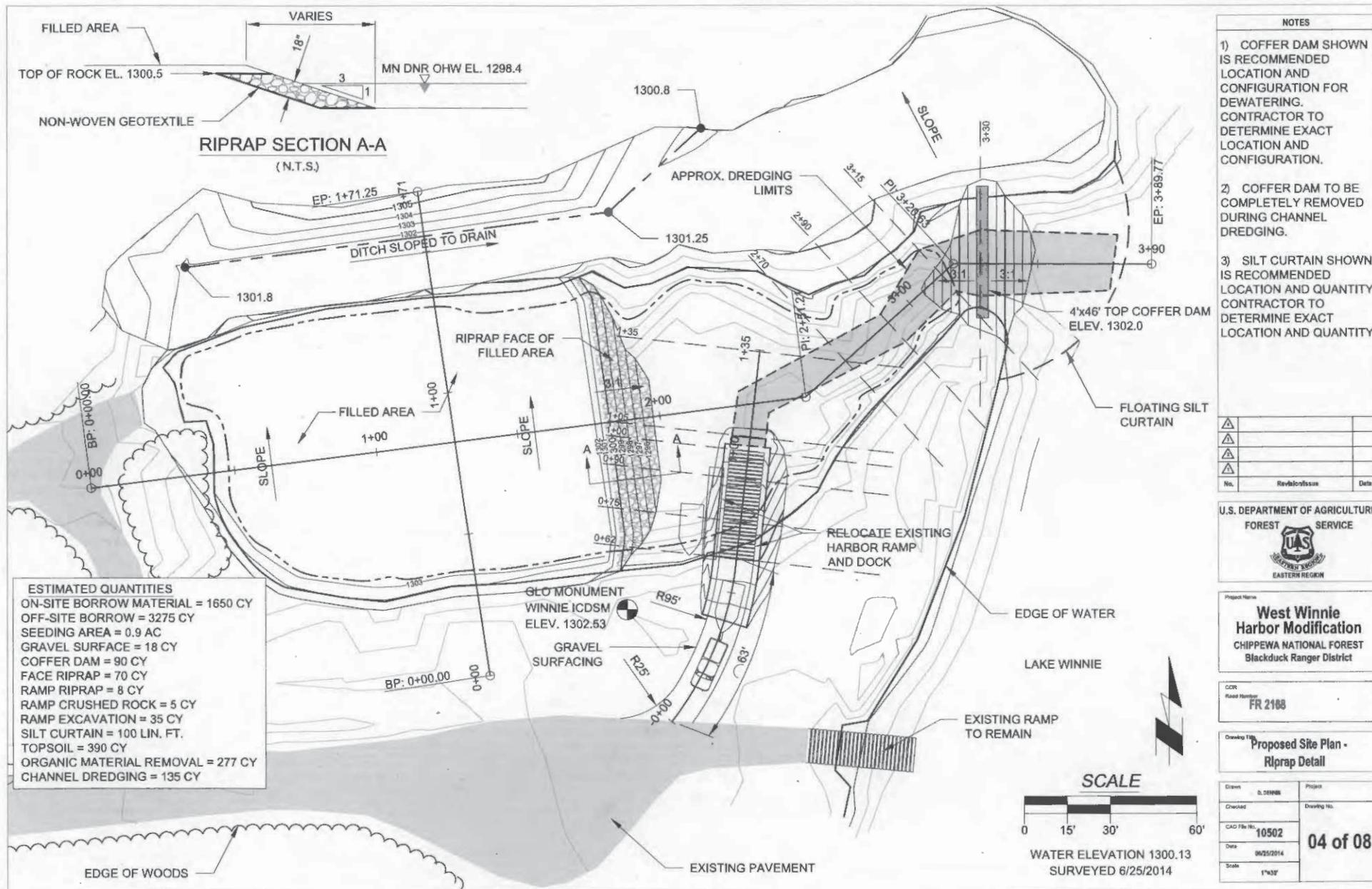
**West Winnie  
Harbor Modification**  
CHIPPEWA NATIONAL FOREST  
Blackduck Ranger District

FR 2168

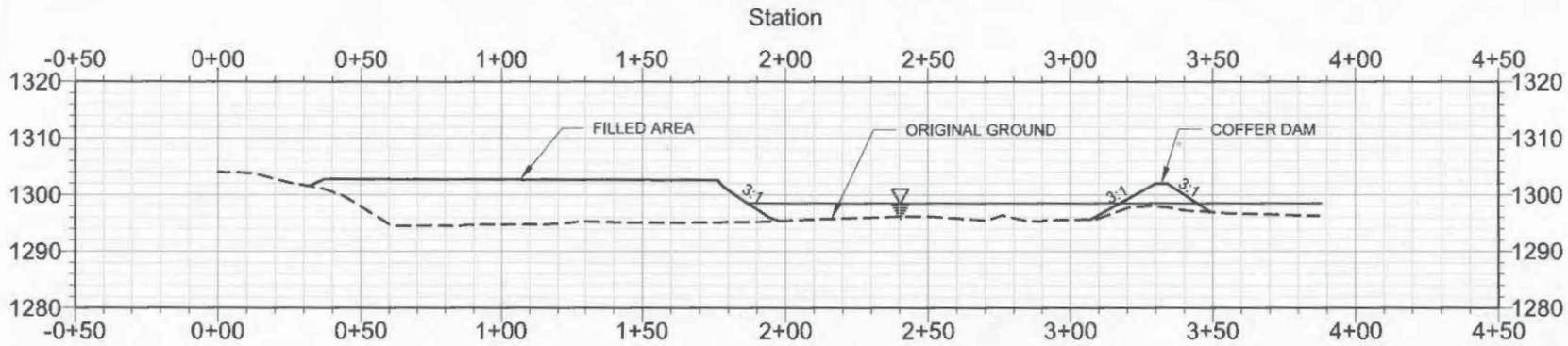
**General Notes**

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Scale: 10502	<b>02 of 08</b>
Date: 05/25/2014	

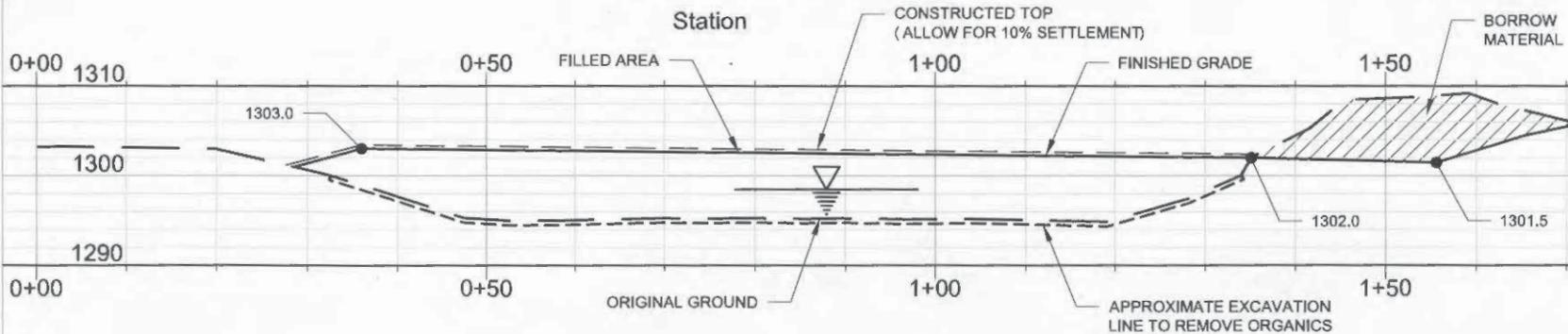




### Longitudinal Profile



### Transverse Profile



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No.	Revision/Date	Date



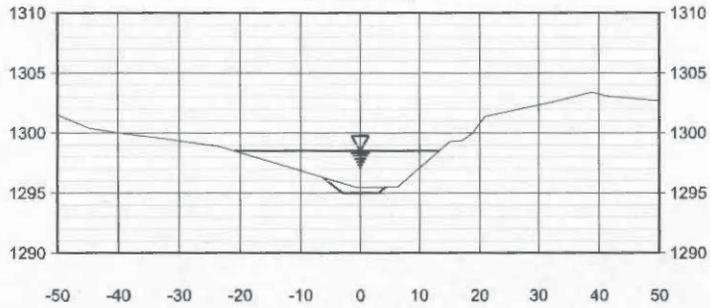
Project Name  
**West Winnie Harbor Modification**  
 CHIPPEWA NATIONAL FOREST  
 Blackduck Ranger District

COR  
 Road Number  
**FR 2168**

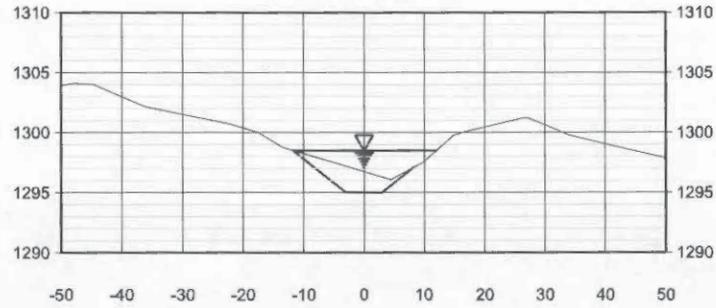
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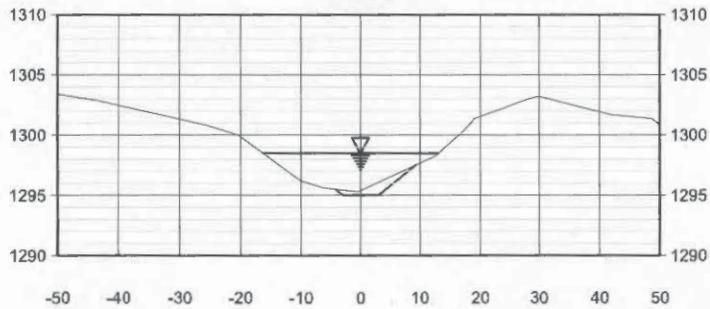
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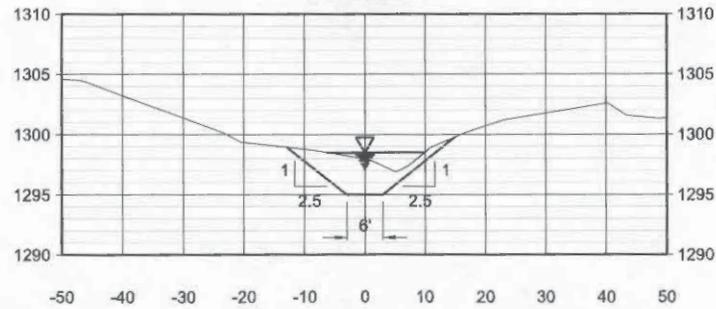
**3+15**



**2+90**



**3+30**



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No.	Revised/By	Date

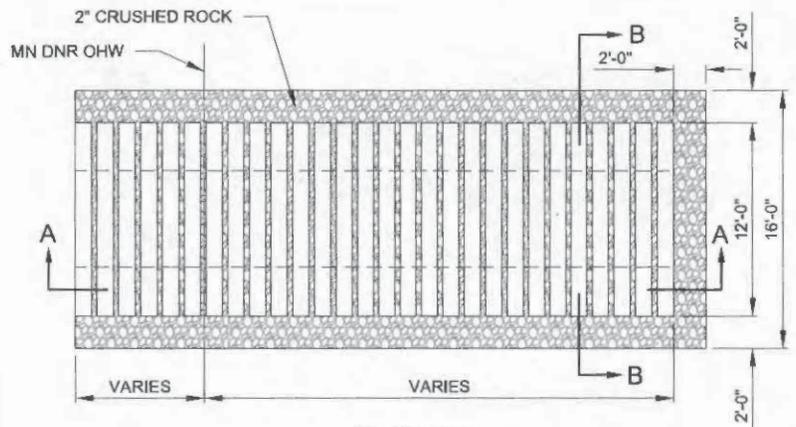


Project Name  
**West Winnie Harbor Modification**  
 CHIPPEWA NATIONAL FOREST  
 Blackduck Ranger District

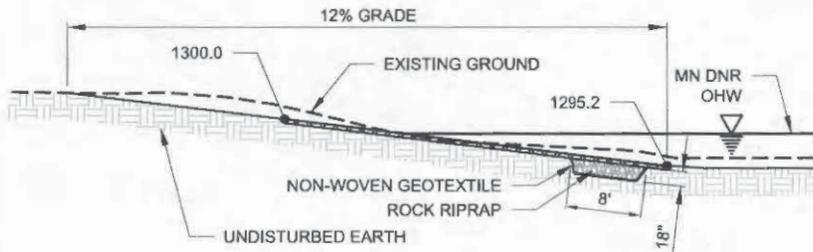
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**FR 2168**

Channel Cross Sections  
 (Dredging Details)

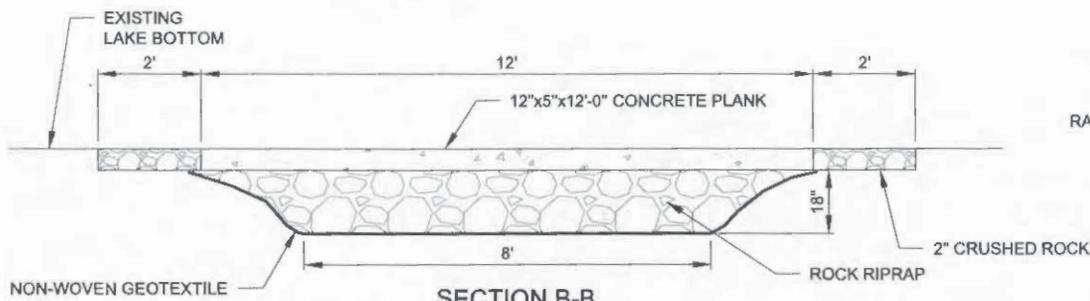
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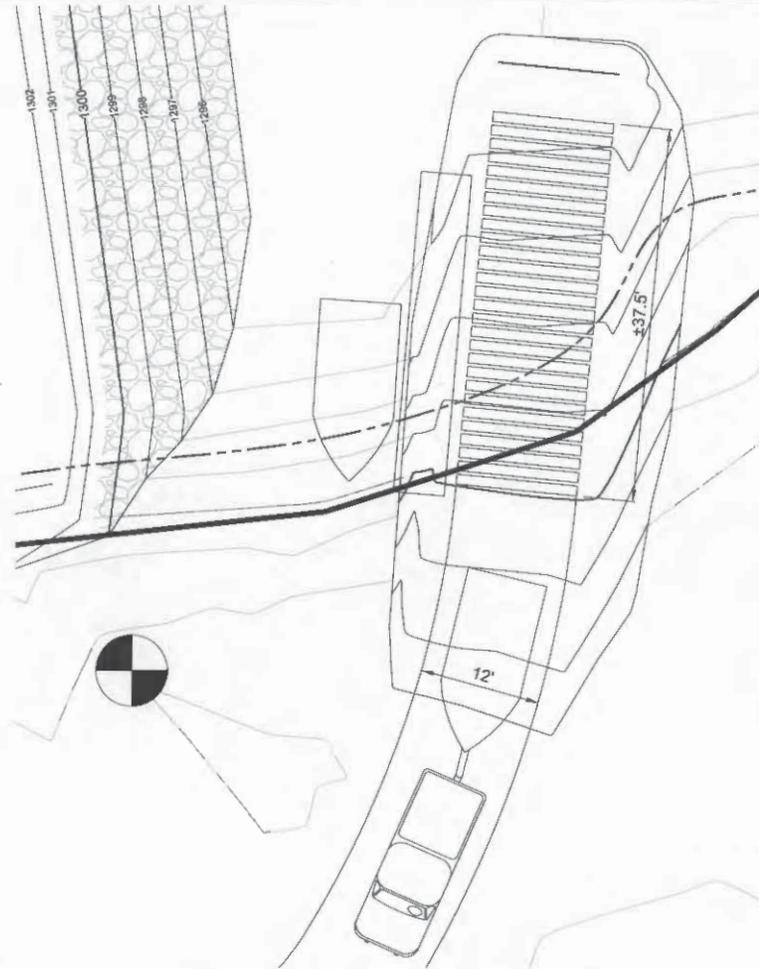
PLAN VIEW



SECTION A-A



SECTION B-B



RAMP SITE DETAIL

RAMP ACCESS ROAD - 6" COMPACTED GRAVEL x 12' WIDE

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No.	Revision/Draw	Date

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FOREST SERVICE

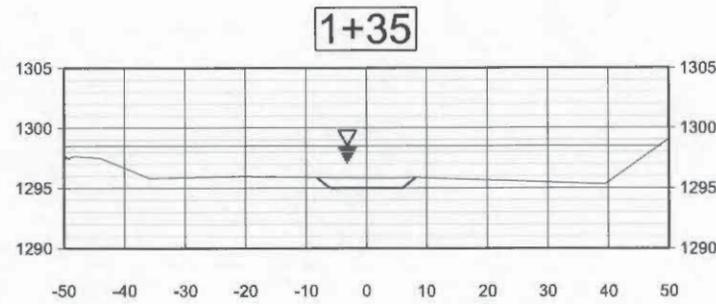
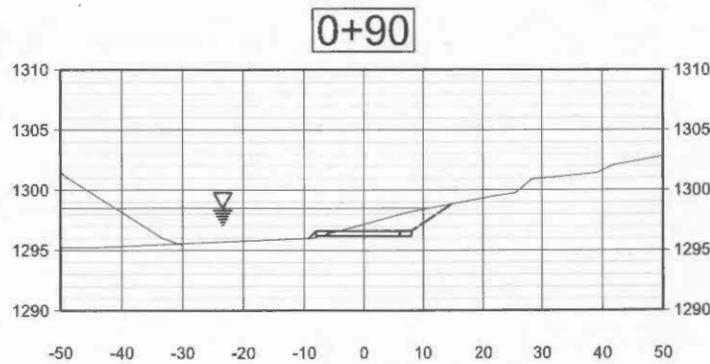
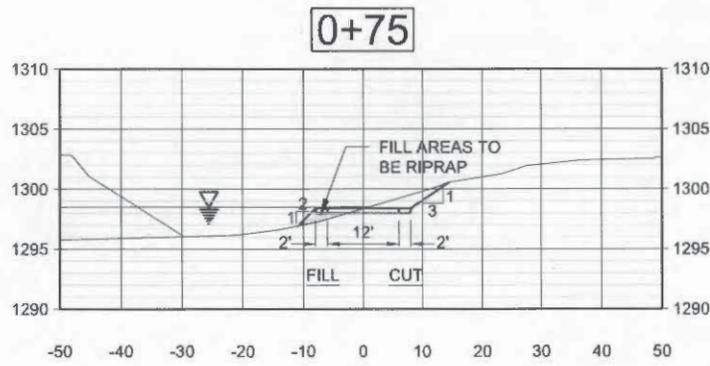
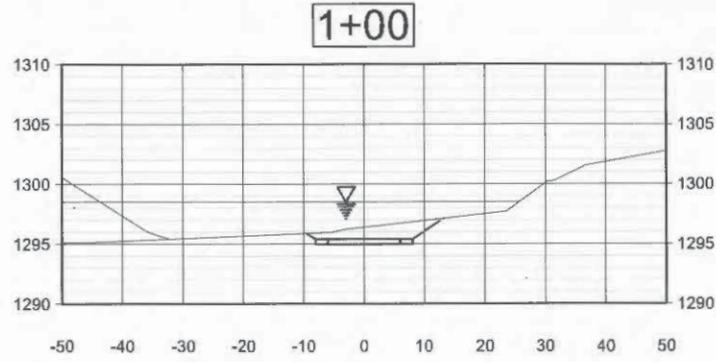
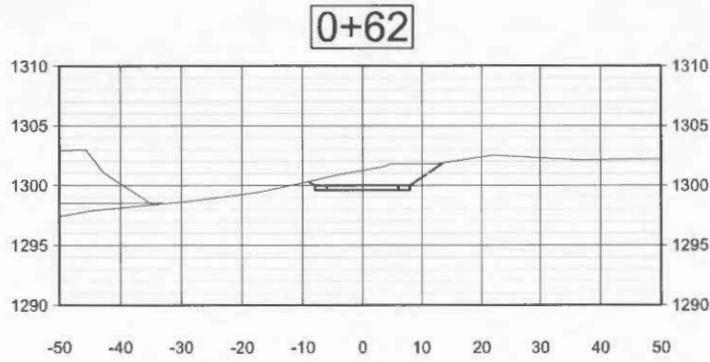
EASTERN REGION

Project Name  
**West Winnie  
Harbor Modification**  
CHIPPEWA NATIONAL FOREST  
Blackduck Ranger District

CDR  
Sheet Number  
**FR 2168**

Drawing Title  
**Ramp Details**

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CAD File No. <b>10502</b>	<b>07 of 08</b>
Date <b>06/25/2014</b>	
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No.	Revision/Issue	Date

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

EASTERN REGION

Project Name  
**West Winnie Harbor Modification**  
CHIPPEWA NATIONAL FOREST  
Blackduck Ranger District

CDR  
Sheet Number  
**FR 2168**

Drawing Title  
**Ramp Cross Sections**

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CAD File No. <b>10502</b>	<b>08 of 08</b>
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