Information for File #2016-01386-RJH

Applicant: Richards Moses- Legend Lake Property Owners Association

Corps Contact: Ryan Huber, U. S. Army Corps of Engineers, 211 North Broadway, Suite 221, Green Bay, Wisconsin 54303; ryan.j.huber@usace.army.mil; (651) 290-5859.

Primary County: Menominee

Location: SW ¼ of the NE ¼, Section 19, Township 28 N, Range 16 E

Information Complete On: 4-29-2016

Posting Expires On: 6-18-2016

Authorization Type: Section 404 Letter of Permission (LOP-10-R)

This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section(s) 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are subject to Corps of Engineers jurisdiction under Section(s) 9 & 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link: http://www.mvp.usace.army.mil/Missions/Regulatory.aspx.

PROJECT DESCRIPTION AND PURPOSE: The Legend Lake Property Owners Association has applied for a Department of the Army permit to discharge dredged and fill material along 135 linear feet of Legend Lake. The purpose of the project is to stabilize the lake shore, which has been undercut by wave action and erosion, by installing fieldstone riprap.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: Approximately 135 linear of open water would be permanently filled as a result of the proposed bank stabilization project.

AVOIDANCE AND MINIMIZATION: The applicant has proposed to implement erosion control best management practices to minimize potential impacts to undisturbed lake shore.

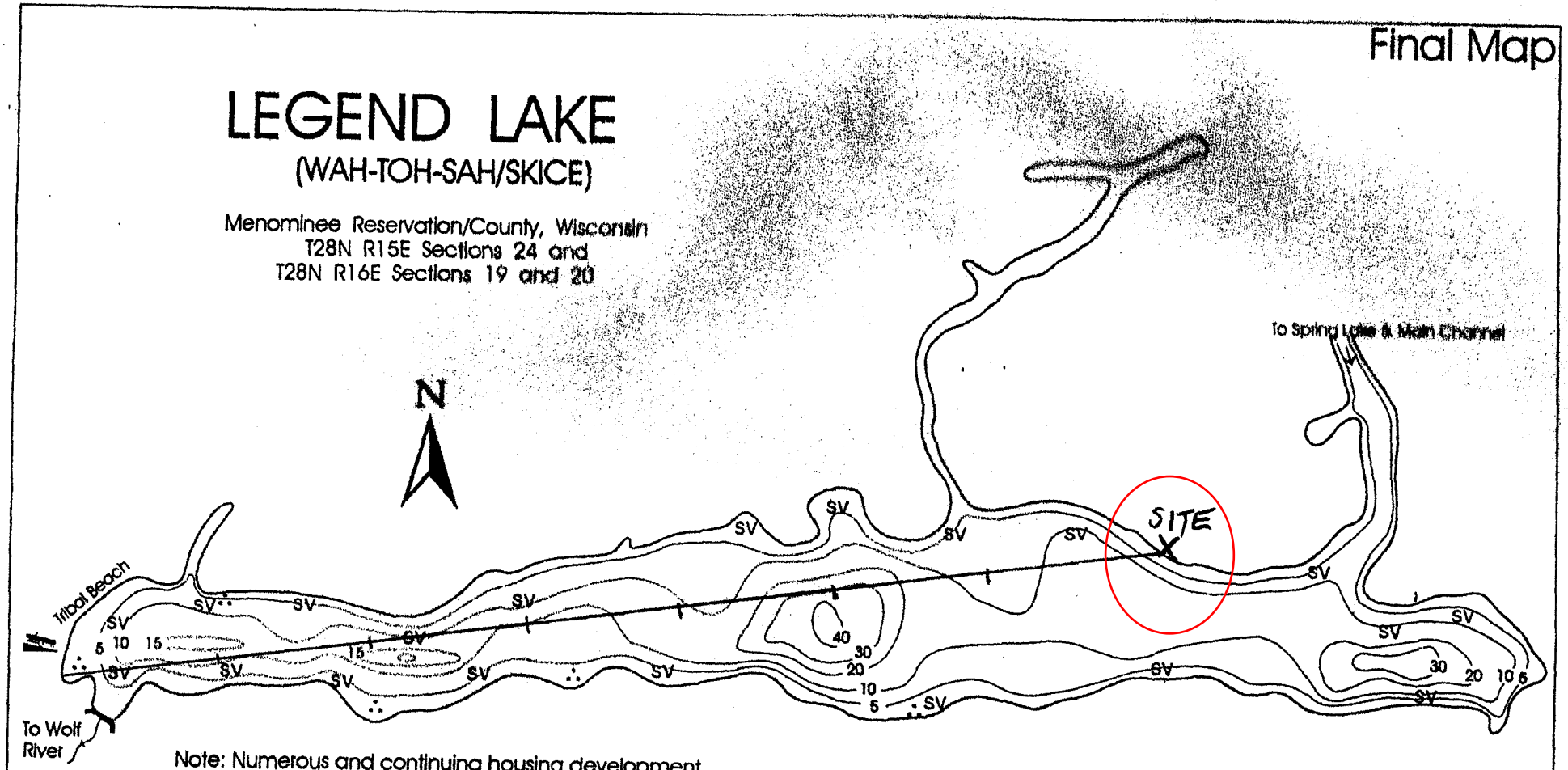
COMPENSATORY MITIGATION: Compensatory mitigation has not been proposed as part of this application.

DRAWINGS: See attached.

Final Map

LEGEND LAKE
(WAH-TOH-SAH/SKICE)

Menominee Reservation/County, Wisconsin
T28N R15E Sections 24 and
T28N R16E Sections 19 and 20

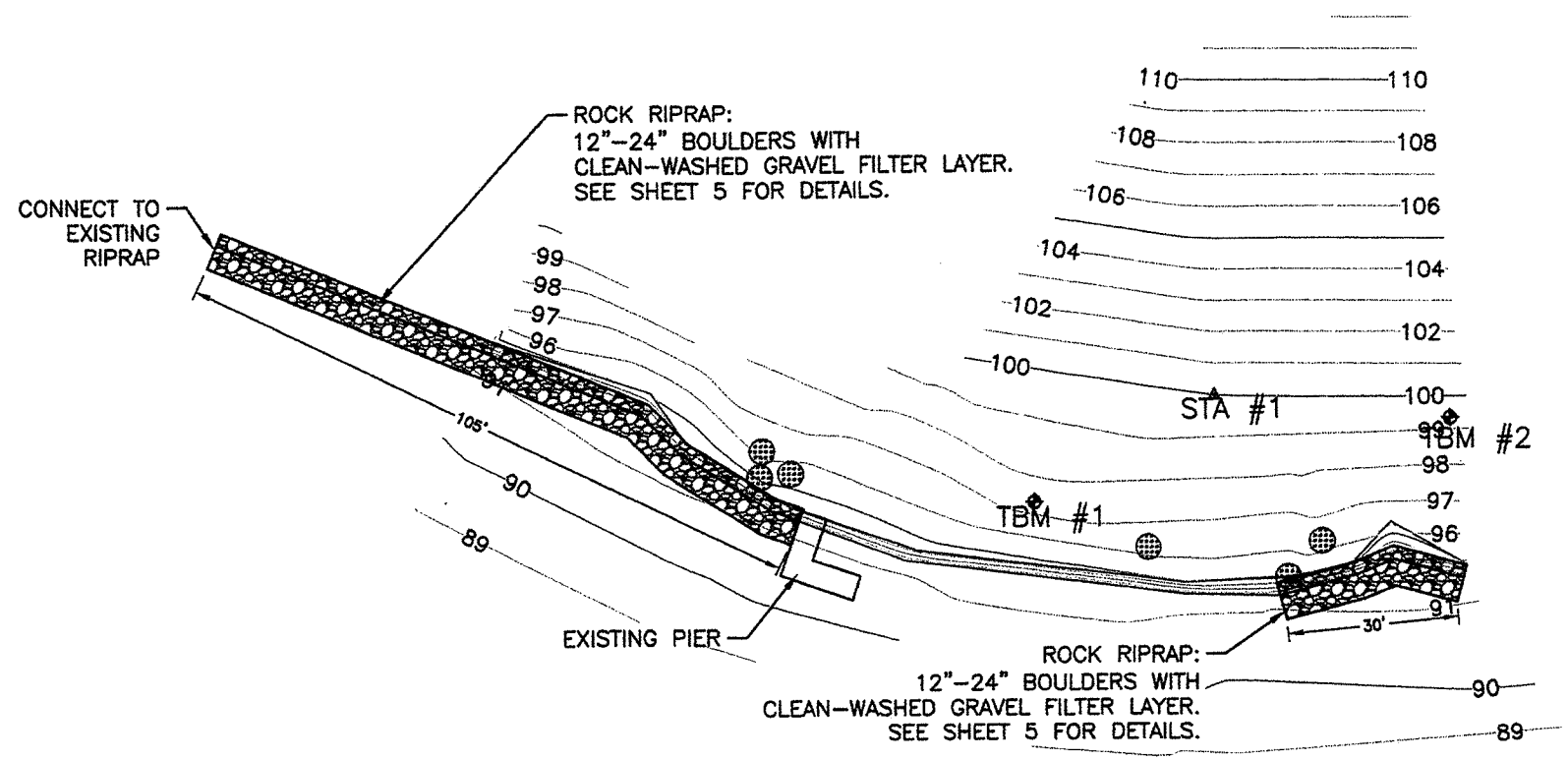


Note: Numerous and continuing housing development

Submergent Vegetation	SV
Dam	
Boatlanding	
Sandy Substrate	∴
Length of Shoreline	12.9 km (8.03 miles)
Shoreline Development Index	3.4
Lake Area	114.6 hectare (284 acres)
Littoral Area < 10 ft	59%
Lake Area > 30 ft	4%
Volume	3,468,429 m^3 (2813 acre feet)
Mean Depth	3.0 m (9.9 ft)
Wind Fetch	3.4 km (2.1 miles)

352 176 0 352 METERS
1172 586 0 1172 FEET

All Depth Contours are in Feet
Data Collected: 1991
Cartographers: Tim Maloul and Doug Prigge
Produced cooperatively: Menominee Tribe of Wisconsin & University of Wisconsin Stevens Point



LEGEND

- tree location
- contour line
- shoreline: top of bank/toe

TBM DESCRIPTION

TBM #1
Nail @ base of pine tree
Elevation = 97.54

TBM #2
Nail @ base of white pine
Elevation = 100.00

1 inch = 30 ft.

Designed TWB	Date 9/15	File Name WI-007	
Drawn		Date 08/14	
Checked			
Approved			Sheet 4 of 6

PLAN VIEW

CLIENT: SPOTTED FAWN #1 BEACH CLUB

COUNTY: MENOMINEE

USDA United States Department of Agriculture
Natural Resources Conservation Service

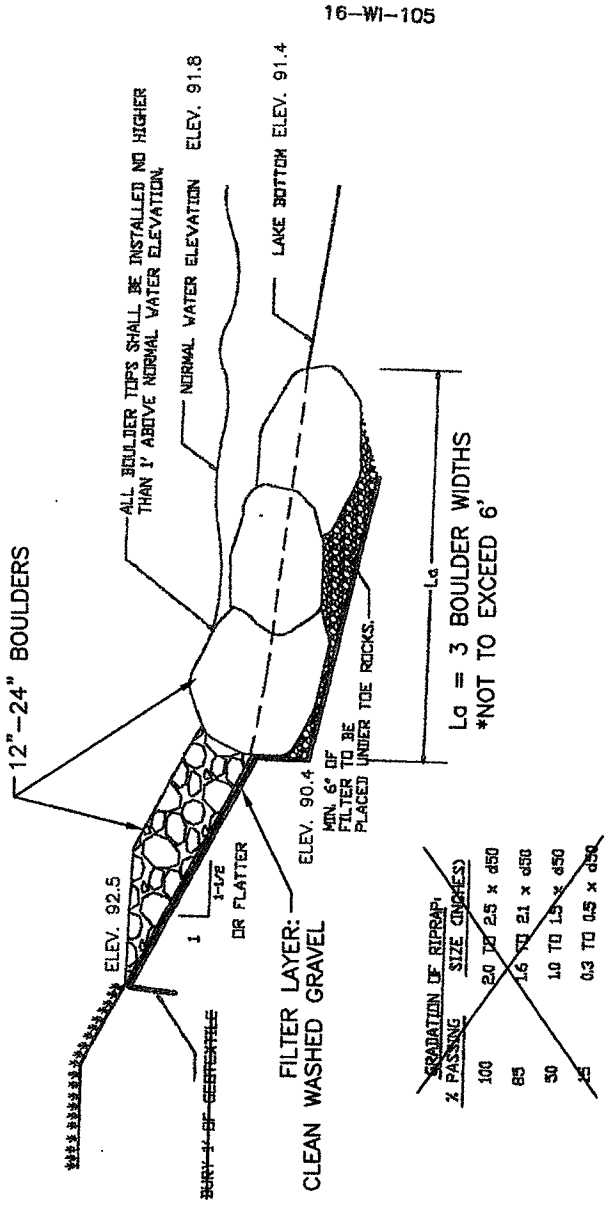


Figure 8.
Toe Protection with Boulders

USDA United States Department of Agriculture Natural Resources Conservation Service	RIPRAP DETAIL	CLIENT: SPOTTED FAWN #1 BEACH CLUB COUNTY: MENOMINEE	Sheet 5 of 6
File Name WI-007	Designed TWB Date 9/15	Drawn	Checked	Approved	Date 08/14