

# Information for File #MVP-2015-00431-LMG

**Applicant:** Shakopee Mdewakanton Sioux Community

**Corps Contact:** LeeAnn Glomski

**Address:** 180 Fifth Street East, Suite 700, St. Paul, Minnesota 55101-1678

**E-Mail:** LeeAnn.M.Glomski@usace.army.mil

**Phone:** (651) 290-5324

**Sections:** 21 and 22

**Township:** 115N

**Range:** 22W

**Information Complete On:** November 2, 2015

**Posting Expires On:** November 12, 2015

**Authorization Type:** LOP-05-MN

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

The Shakopee Mdewakanton Sioux Community proposes to discharge dredged and fill material into 0.08 acre of wet meadow (type 2) wetland. The proposed project would also temporarily impact 0.02 acre of fresh meadow. The work will be conducted in association with the construction of an earthen dike with a water control structure to attenuate high water flows from upstream development. Attenuating high water flows and releasing water slowly will reduce downstream channel incising. As a result of the dike construction, 0.77 acre of existing wetlands will retain a higher water elevation.

## Federally Listed Threatened and Endangered Species

According to the USFWS Midwest Region website, which was checked on October 29, 2015, the Northern long-eared bat (threatened) is found in Scott County, Minnesota.

## **Historic Properties**

The latest version of the National Register of Historic Places has been consulted and no listed properties (known to be eligible for inclusion, or included in the Register) are located in the project area.

## **State Listed Impaired (Section 303(d)) Waters**

According to the Minnesota Pollution Control Agency's Impaired Waters Viewer, which was checked on October 29, 2015, there are no state listed impaired waters located within 1-mile of the project area.

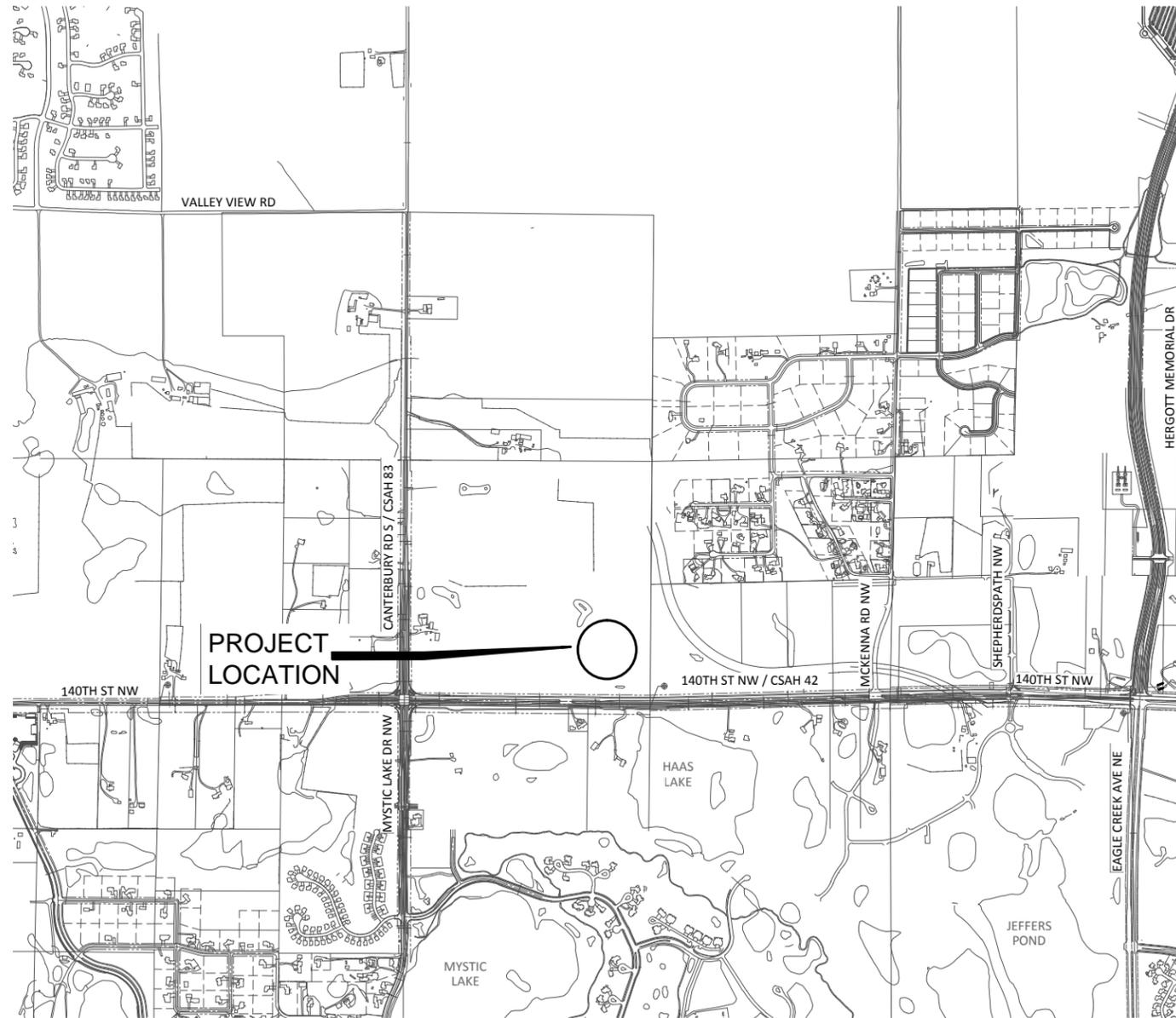
## **Drawings**

See attached MVP-2015-00431-LMG, Page 1 of 5 through Page 5 of 5.

# SHAKOPEE MDEWAKANTON SIOUX COMMUNITY

## CONSTRUCTION PLANS FOR STREAM BANK STABILIZATION - BERM CONSTRUCTION

JULY 2015



### SHEET INDEX

SHEET NO.	TITLE
1	TITLE SHEET
2	SITE PLAN
3	GRADING PLAN
4	CONSTRUCTION DETAILS

PLAN REVISIONS		
DATE	SHEET NUMBER	APPROVED BY

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*Lanold Leichthy*  
LANOLD LEICHTY

LIC. NO. 20856 DATE: OCTOBER 12, 2015

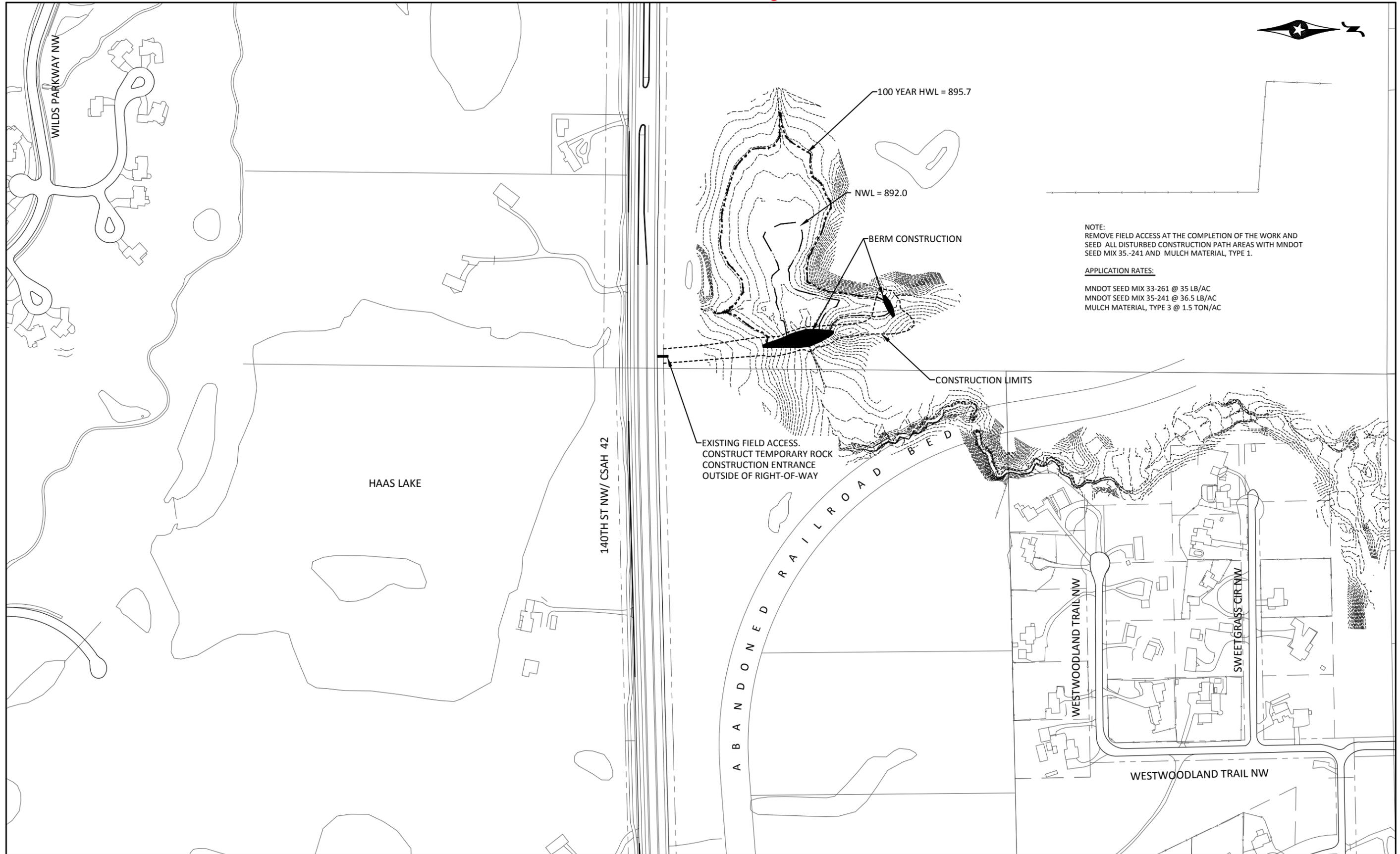


PROJECT DATUM: SCOTT COUNTY COORDINATES  
HORIZONTAL: NAD 83 (1986 ADJ)  
VERTICAL: NAVD 88

MAP OF THE  
SHAKOPEE MDEWAKANTON SIOUX COMMUNITY  
SCOTT COUNTY, MN

**BOLTON & MENK, INC.**  
Consulting Engineers & Surveyors  
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN  
WILLMAR, MN CHASKA, MN RAMSEY, MN MAPLEWOOD, MN  
BAXTER, MN ROCHESTER, MN AMES, IA SPENCER, IA

RECORD DRAWING INFORMATION	SHAKOPEE MDEWAKANTON SIOUX COMMUNITY	SHEET
DESIGNER:	STREAM STABILIZATION - BERM CONSTRUCTION	1
CONTRACTOR:		
DATE:	TITLE SHEET	



NOTE:  
 REMOVE FIELD ACCESS AT THE COMPLETION OF THE WORK AND  
 SEED ALL DISTURBED CONSTRUCTION PATH AREAS WITH MNDOT  
 SEED MIX 35.-241 AND MULCH MATERIAL, TYPE 1.

APPLICATION RATES:  
 MNDOT SEED MIX 33-261 @ 35 LB/AC  
 MNDOT SEED MIX 35-241 @ 36.5 LB/AC  
 MULCH MATERIAL, TYPE 3 @ 1.5 TON/AC



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 H:\SMSC\C15108351\CAD\C3D\108351\_SITE.dwg 10/12/15 12:32 pm

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*Lani Leichthy*  
 LANI LEICHTY, P.E.  
 LIC. NO. 20856 DATE 10/12/2015

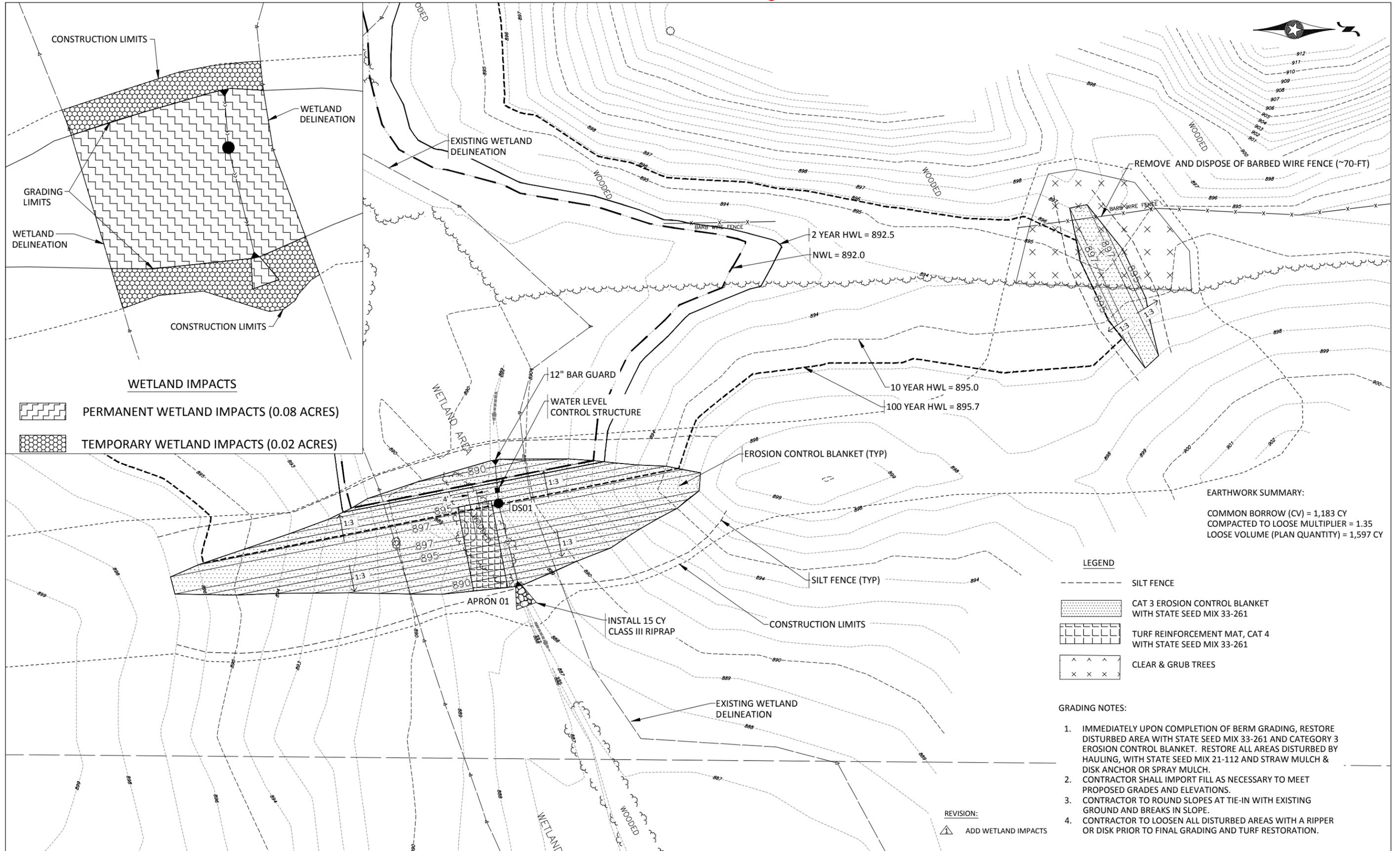
DESIGNED  
 LLL  
 DRAWN  
 LRS  
 CHECKED  
 ALB

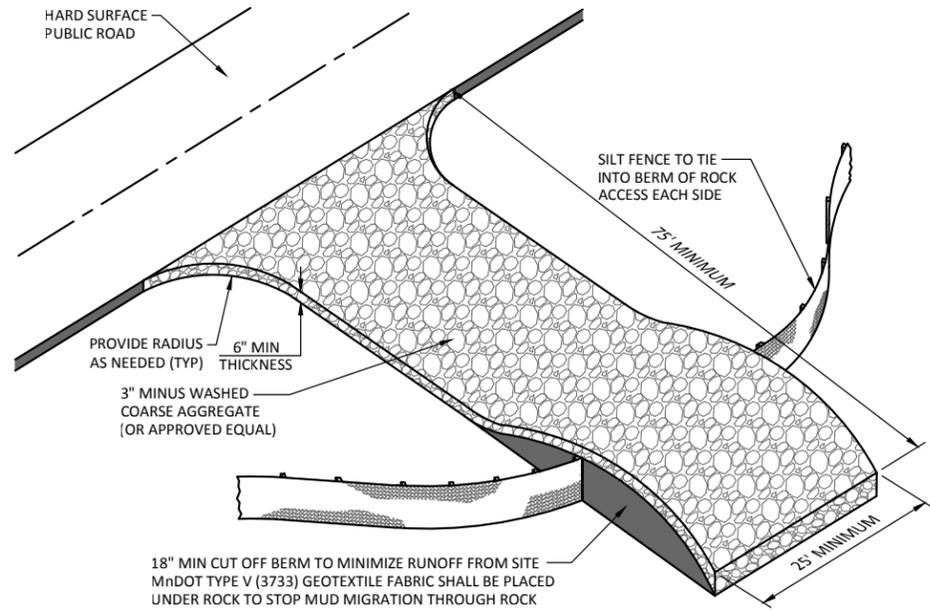
**BOLTON & MENK, INC.**  
 Consulting Engineers & Surveyors  
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN WILLMAR, MN  
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BAXTER, MN ROCHESTER, MN  
 AMES, IA SPENCER, IA DES MOINES, IA FARGO, ND

REV.	BY	DATE

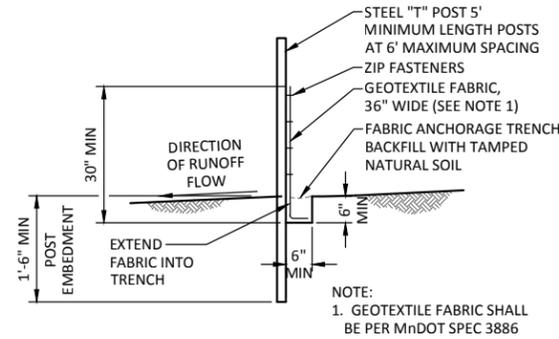
SHAKOPEE MDEWAKANTON SIOUX COMMUNITY  
 STREAM STABILIZATION - BERM CONSTRUCTION  
 SITE PLAN

SHEET  
 2

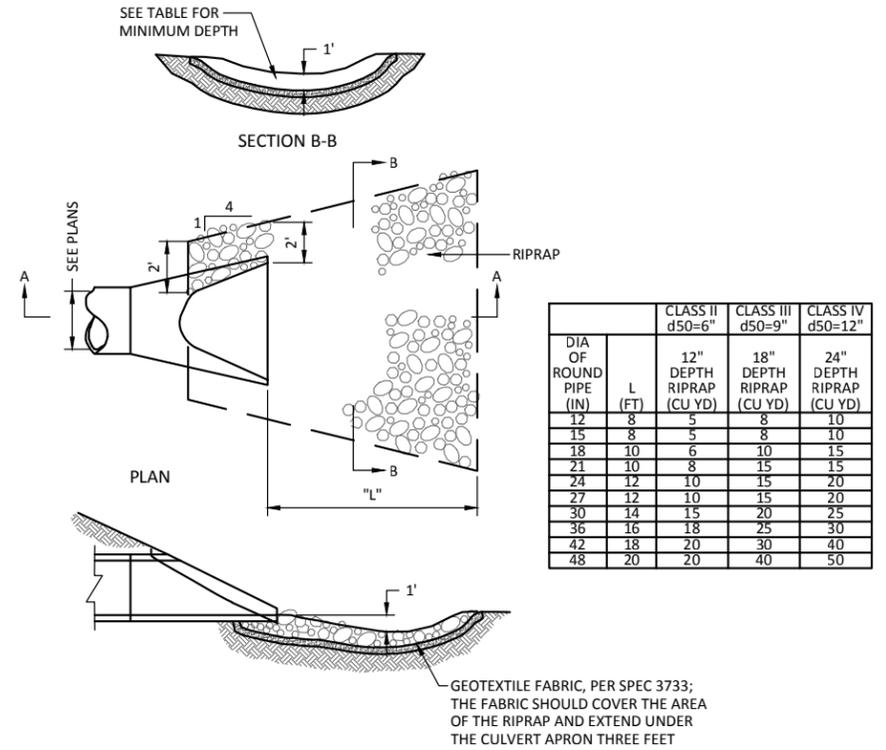




**ROCK CONSTRUCTION ENTRANCE**  
NOT TO SCALE

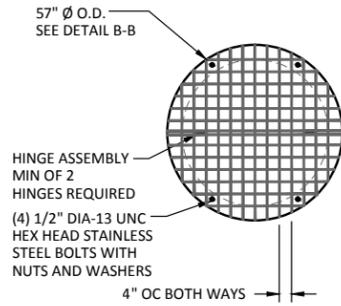
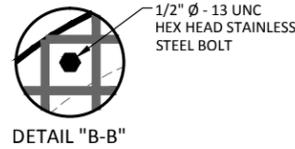
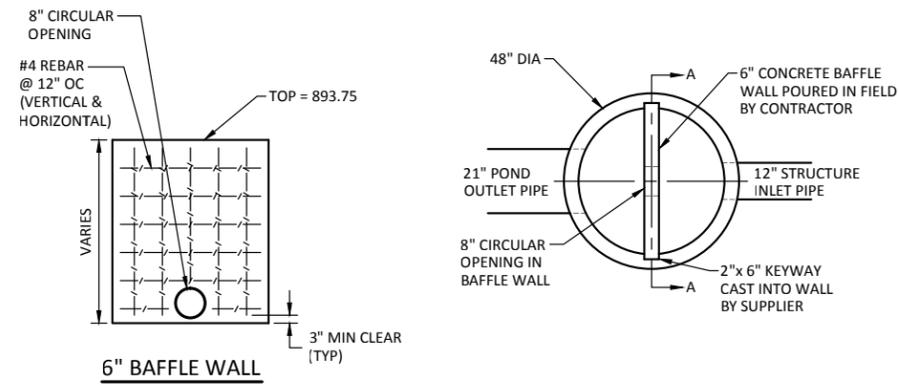


**SILT FENCE - MACHINE SLICED**

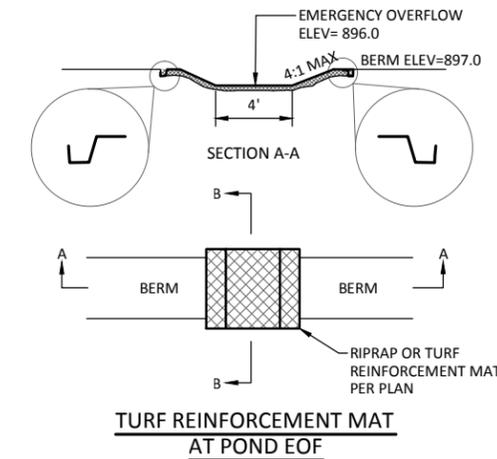
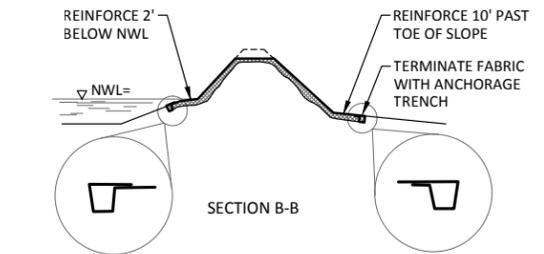


DIA OF ROUND PIPE (IN)	L (FT)	CLASS II	CLASS III	CLASS IV
		d50=6"	d50=9"	d50=12"
12	8	5	8	10
15	8	5	8	10
18	10	6	10	15
21	10	8	15	15
24	12	10	15	20
27	12	10	15	20
30	14	15	20	25
36	16	18	25	30
42	18	20	30	40
48	20	20	40	50

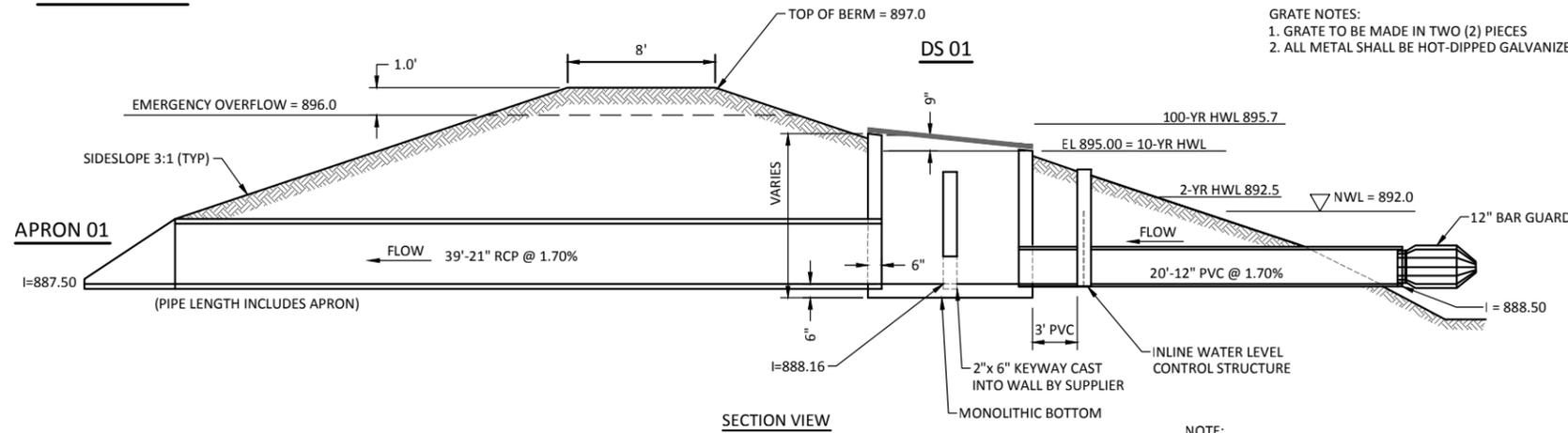
**SECTION A-A**  
**RIPRAP AT RCP CULVERT END**



57" Ø TWO-PIECE POND SKIMMER GRATE (MIN 5/8" THICKNESS)  
GRATE NOTES:  
1. GRATE TO BE MADE IN TWO (2) PIECES  
2. ALL METAL SHALL BE HOT-DIPPED GALVANIZED



**TURF REINFORCEMENT MAT AT POND EOF**



**PRECAST CONCRETE POND SKIMMER STRUCTURE WITH RATE CONTROL BAFFLE**

- NOTE:  
1. ALL CONCRETE PIPE JOINTS SHALL BE TIED  
2. BAFFLE WALL SHALL BE CONSTRUCTED TO PREVENT LEAKAGE AROUND THE WALL  
3. SET TOP OF WATER LEVEL CONTROL BAFFLES AT ELEVATION 892.0

NOTE: DETAILS ARE NOT TO SCALE

# Streambank Stabilization - Wetland Restoration Engineered Model

