# VICINITY MAP

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## PLANS FOR NC-24 RESILIENCY AND LIVING SHORELINES ONSLOW COUNTY

LOCATION: NC-24 CAUSEWAY BETWEEN THE SWANSBORO BRIDGES AND CEDAR POINT

TYPE OF WORK: SHORELINE STABILIZATION, ENVIRONMENTAL RESILIENCY

WETLAND AND SURFACE WATER IMPACTS PERMIT

STATE	STATE PROJECT REFERENCE NO.		NO.	SHEETS
N.C.	M-0540A		1	
STATE PROJ. NO.		F. A. PROJ. NO.	DESCRIPTION	
	<del></del>			

PERMIT DRAWING SHEET 1 OF 10

## PERMIT SITE WHITE OAK RIVER WHITE OAK RIVER

INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION **DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED** 

Prepared for:

## GRAPHIC SCALES PROFILE (HORIZONTAL) PROFILE (VERTICAL)

DESIGN DATA

PROJECT LENGTH ±830 LF CAUSEWAY SITE

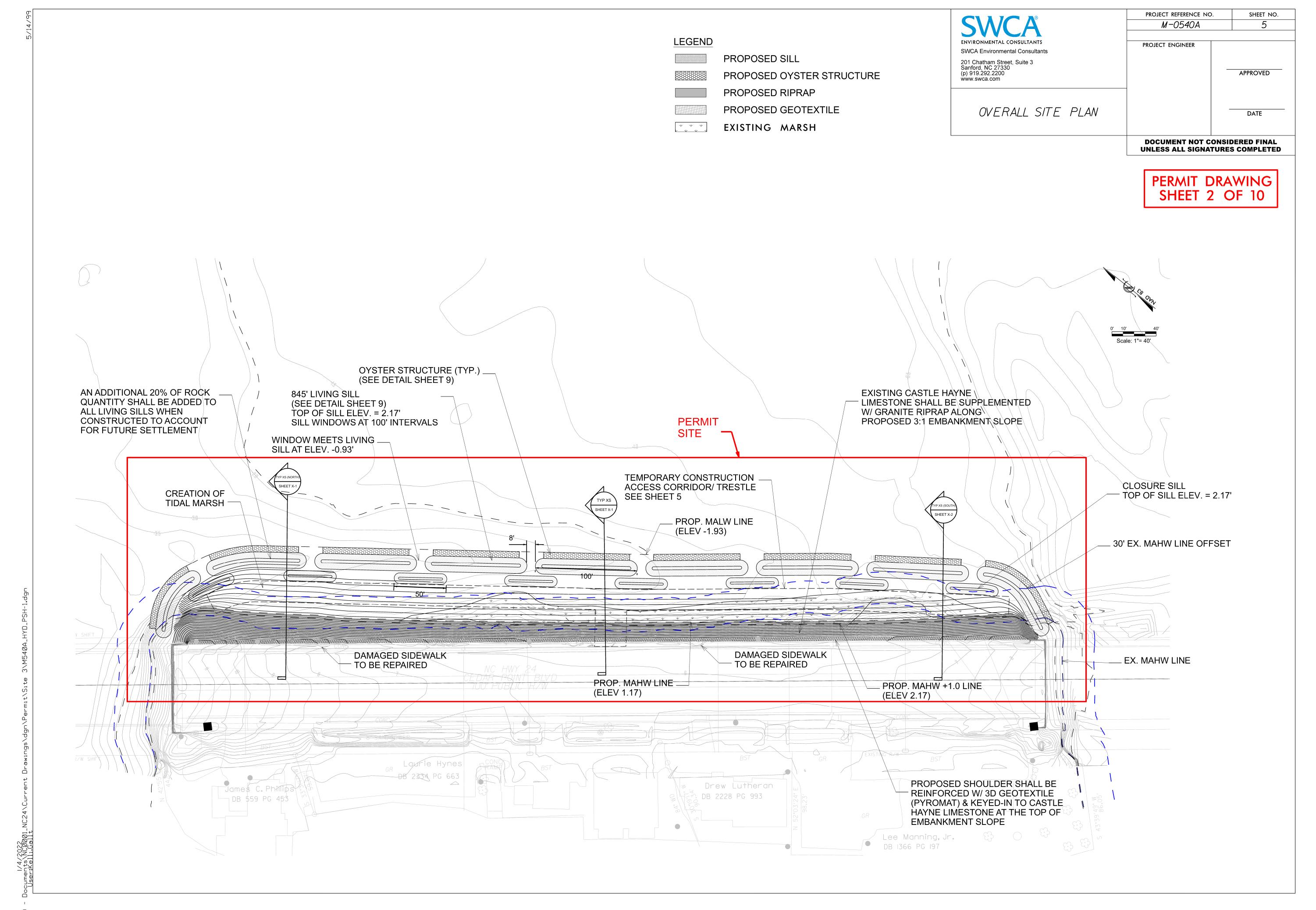
Prepared in the Office of:

2018 STANDARD SPECIFICATIONS

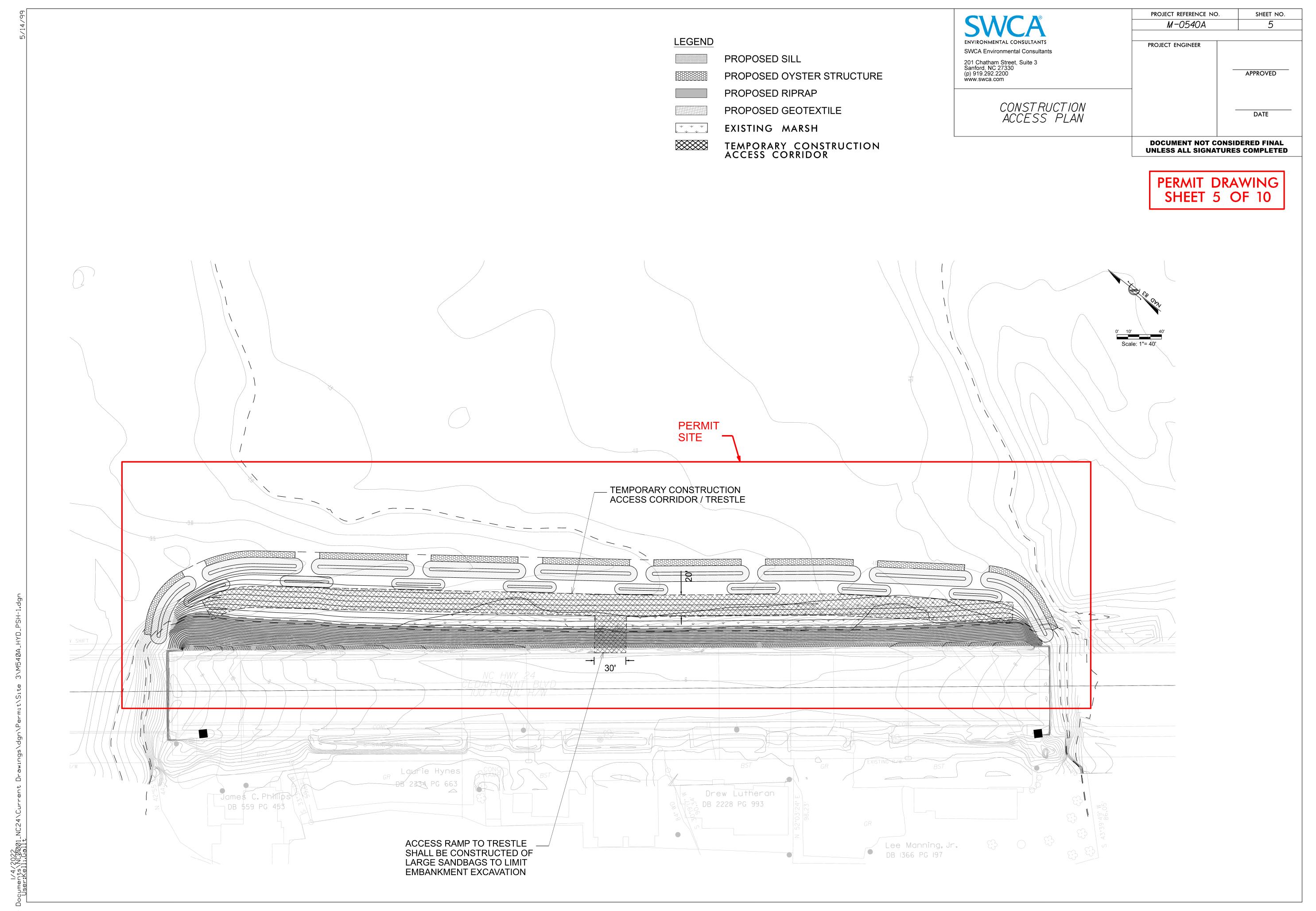
RIGHT OF WAY DATE: N/A

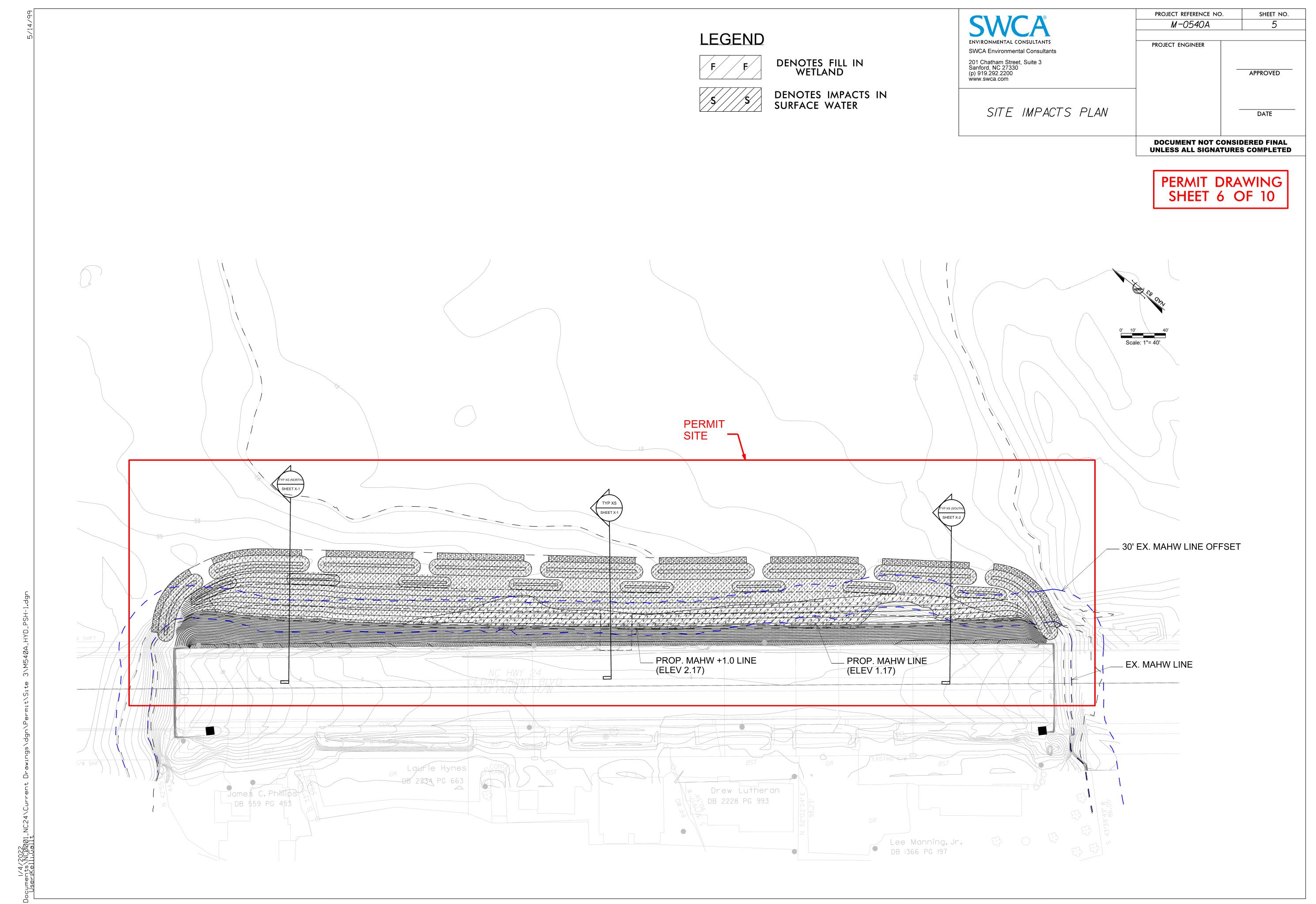
> LETTING DATE: XX/XX/XXX

PROJECT ENGINEER

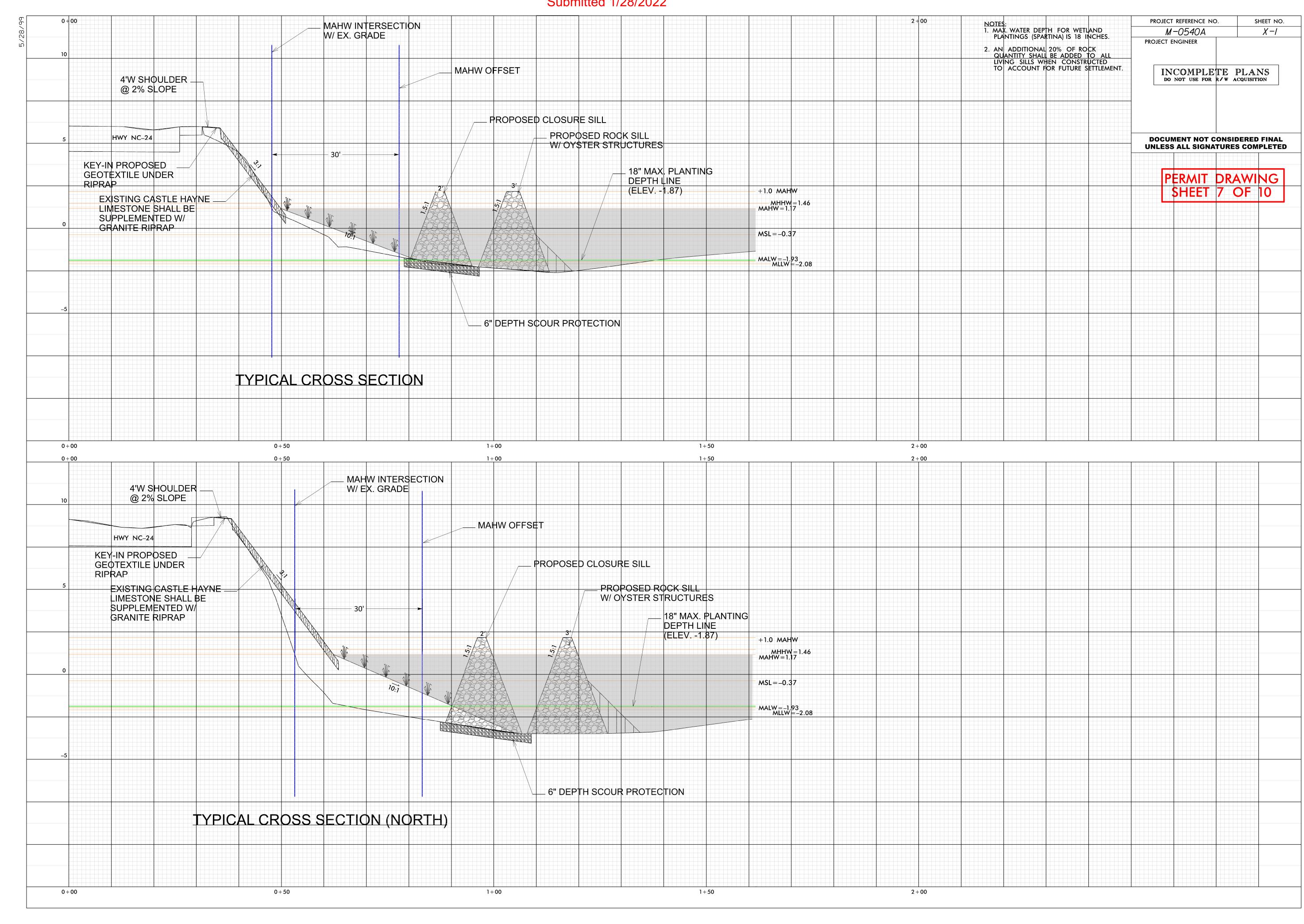


Submitted 1/28/2022

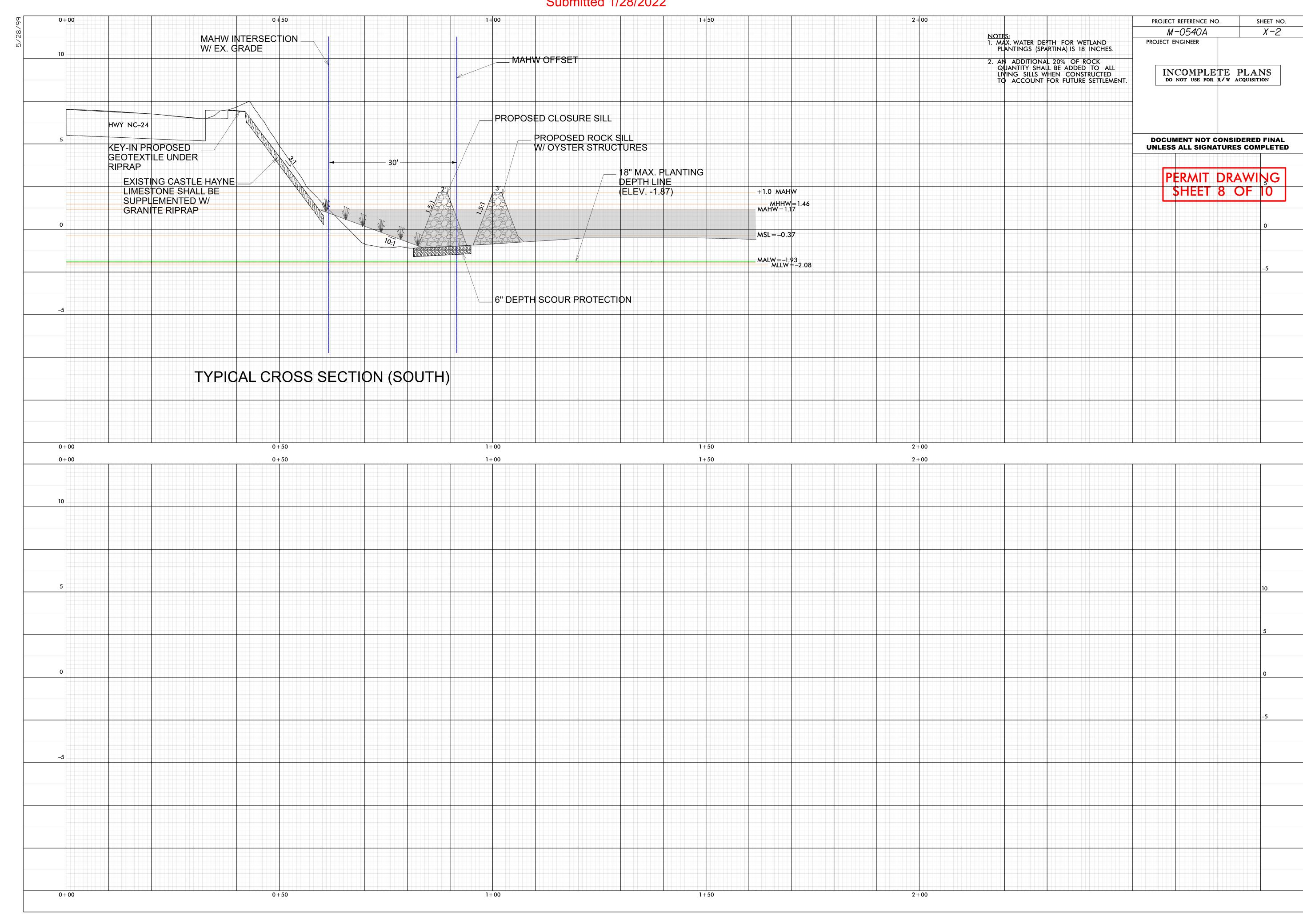




Submitted 1/28/2022



Submitted 1/28/2022



2.0' 1.0' ---OYSTER STRUCTURE COMPRISED OF —/ BIODEGRADABLE JUTE TWINE IMPREGNATED WITH A <u>PLAN VIEW</u> CEMENT-BASED BINDER/HARDENER
THAT CONTAINS OYSTER SPAT. ELEV. 1.17' (MAHW) -LANDWARD ----OYSTER STRUCTURE COMPRISED OF -BIODEGRADABLE JUTE TWINE IMPREGNATED WITH A CEMENT-BASED BINDER/HARDENER THAT CONTAINS OYSTER SPAT. SECTION A-A NOTE: ALTERNATIVE OYSTER STRUCTURE MAY BE USED WITH ENGINEER'S APPROVAL.

\_LIVING SILL **VARIES** 2.0' VARIES

SHEET 9 OF 10

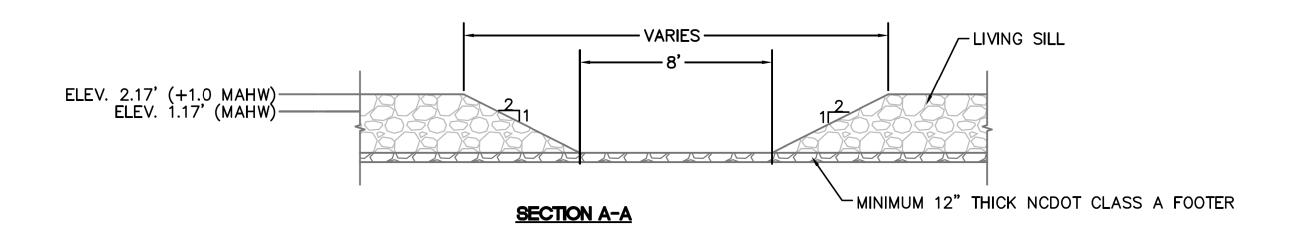
PROJECT REFERENCE NO.

M-0540A

SHEET NO.

D-I

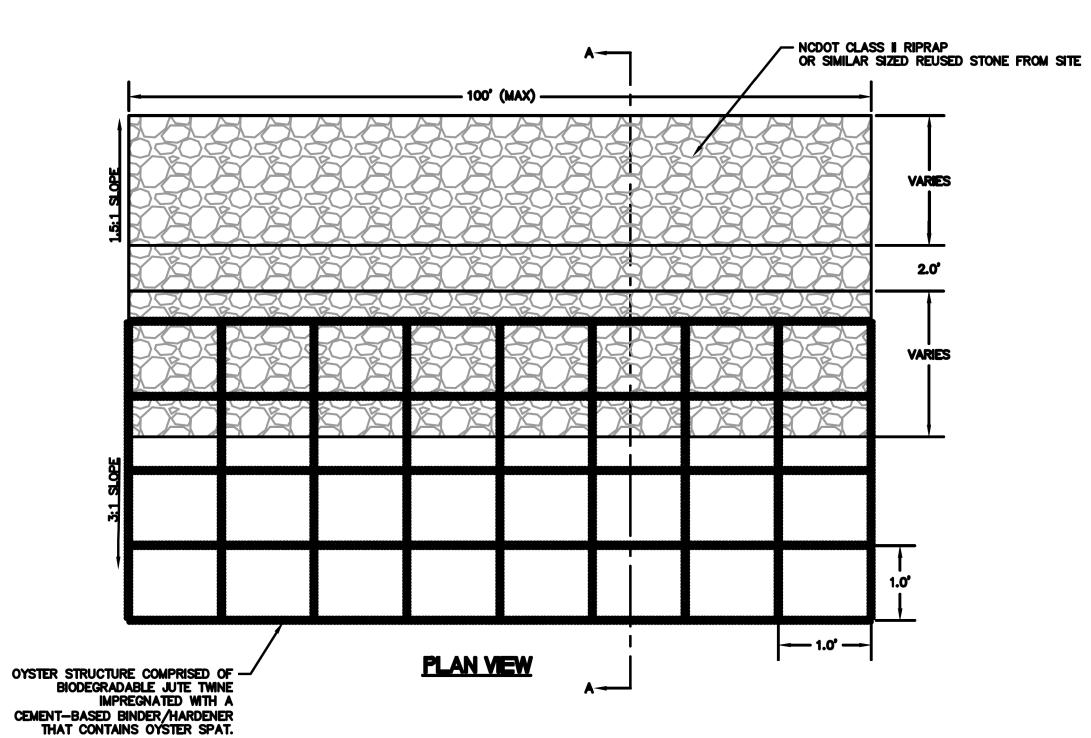
<u>PLAN VIEW</u>



## **NOTES:**

- 1. LIVING SILL WINDOWS SHALL BE PLACED AT A MINIMUM EVERY 100 LINEAR FEET ALONG THE LIVING SILL.
- 2. THE INTENT OF THIS DETAIL IS TO SHOW THE GENERAL REQUIREMENTS OF FOR CONSTRUCTING THE LIVING SILL. THE OVERALL DIMENSIONS OF THE SILL WILL VARY DEPENDING ON THE UNDERLYING SOIL CONDITIONS. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR BORING INFORMATION.

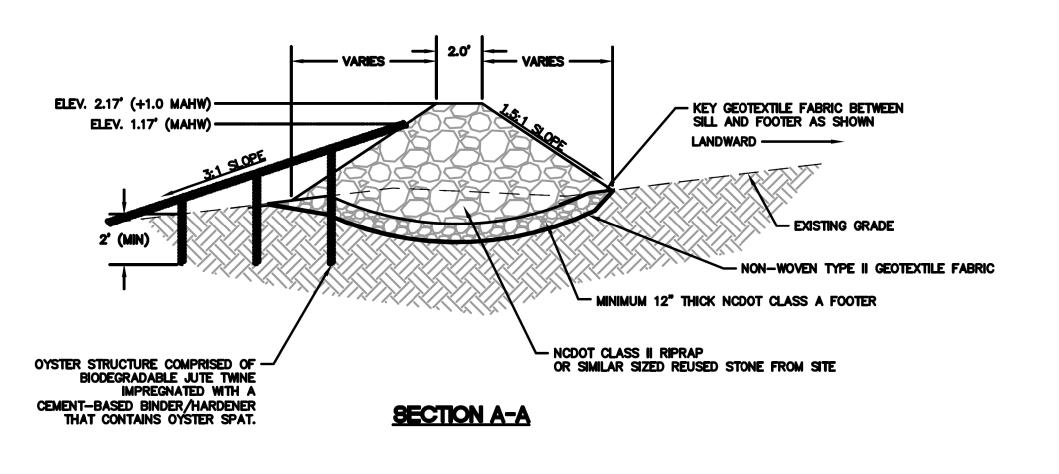




OYSTER STRUCTURE

Not to Scale

- TOP LAYER OF STONE ON SILL (MINIMUM 24") SHALL BE NCDOT CLASS II RIPRAP AND NOT REUSED STONE FROM SITE.
   THE INTENT OF THIS DETAIL IS TO SHOW THE GENERAL REQUIREMENTS OF FOR CONSTRUCTING THE LIVING SILL. THE OVERALL DIMENSIONS OF THE SILL WILL VARY DEPENDING ON THE UNDERLYING SOIL CONDITIONS. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR BORING INFORMATION.



LIVING SILL Not to Scale