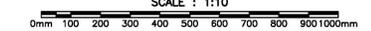
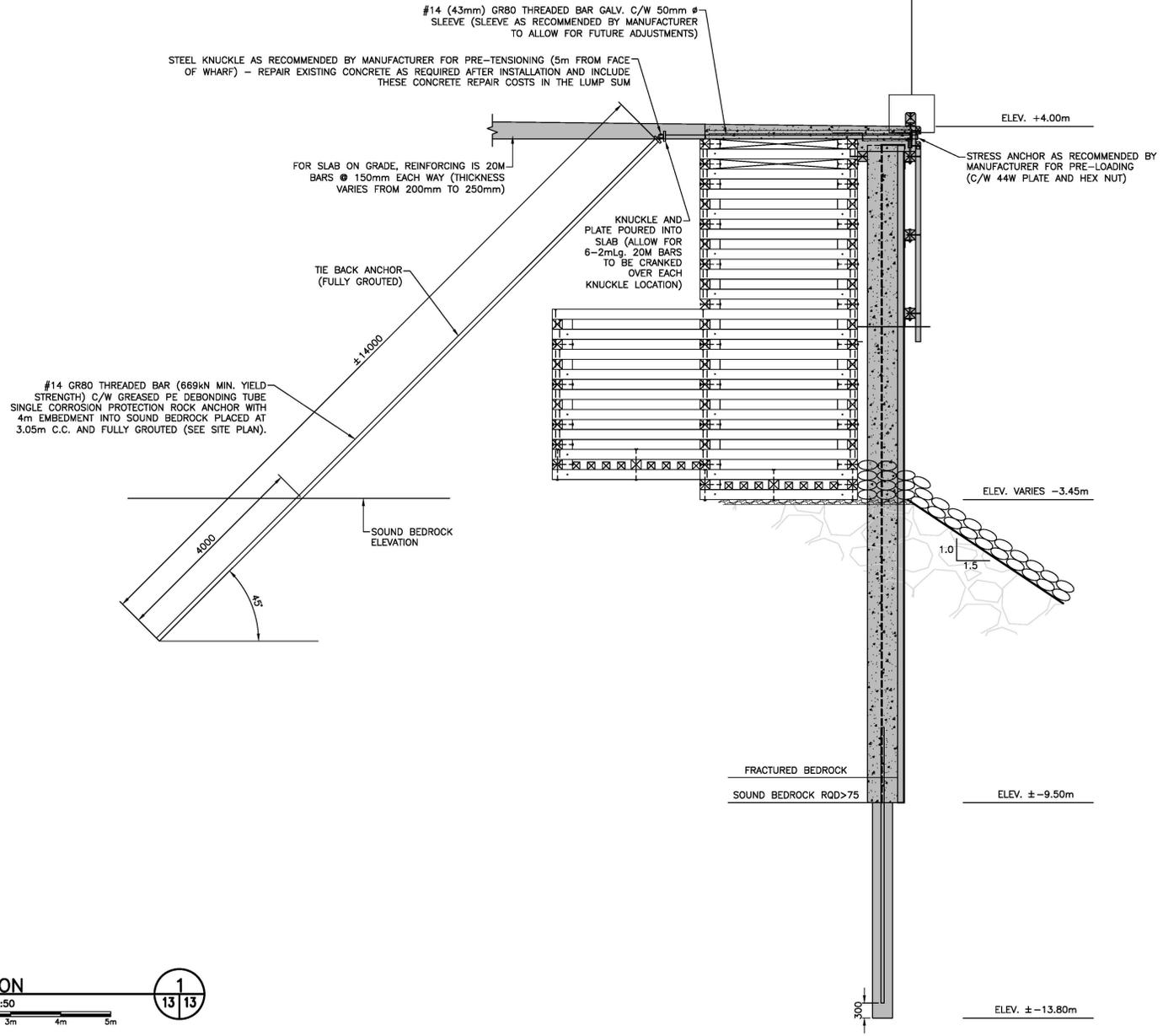


- NOTE:
1. Py(kN) = 2754 FOR 66mm ϕ BAR.
 2. Py(kN) = 801 FOR 43mm ϕ BAR.
 3. Pu(kN) = 3443 FOR 66mm ϕ BAR.
 4. Pu(kN) = 1050 FOR 43mm ϕ BAR.

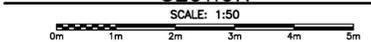
DETAIL



2
13 13



SECTION



1
13 13

- NOTES:
1. INSTALLATION PROCEDURES FOR ANCHORING SYSTEM TO BE SUBMITTED BY GEOTECHNICAL ENGINEER. PROCEDURES TO BE C/W MEASURES TO CLEAN HOLE, INSERT PRE-ASSEMBLED ANCHORS, GROUT INSTALLATION, AND TENSIONING BARS. FOR ANCHOR TIE-BACK HOLES USE A DIAMOND DRILLING APPLICATION SUITABLE FOR RETRIEVING FULL ROCK CORES SUCH THAT THE DEGREE OF JOINTING/FRACTURES IN ROCK MASS CAN BE ASCERTAINED BY THE GEOTECHNICAL ENGINEER. DOWN HOLE HAMMERING SYSTEMS THAT CREATE VIBRATION AND POTENTIAL FLOW OF SOFT SEDIMENT BENEATH THE EXISTING INFRASTRUCTURE WILL NOT BE PERMITTED.
 2. MINIMUM BAR YIELD STRENGTH IS 669kN. TENSION LOAD IS 580kN.

LEGEND:
 INDICATES AREA OF NEW WORK

PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 This Permit Allows
 APN ENGINEERING INC.
 To practice Professional Engineering
 in Newfoundland and Labrador. *see 11/11/2021*
 Permit No. as issued by APREGNL 20222
 which is valid for the year 2022.

STAMP

 REGISTERED PROFESSIONAL ENGINEER
 NEIL C. HUNT
 SIGNATURE
 DATE

B	ISSUED FOR TENDER	11/8/21
A	ISSUED FOR REVIEW	2/25/21
revisions		date

project
CONSTRUCTION & REFURBISHMENT OF BAY CLASS SAR LIFEBOAT MARINE INFRASTRUCTURES BURIN, NL
 drawing
 design

LAYOUT FOR WHARF REPAIRS

designed	N.H.	conçu
date	NOVEMBER 8, 2021	
drawn	P.H.	dessiné
date	NOVEMBER 8, 2021	
approved		approuvé
date		
Tender		Soumission
PWSC Project Manager	Administrateur de projets TPSGC	
project number	no. du projet	
	R.116548.001	
drawing no.	no. du dessin	
	C13	