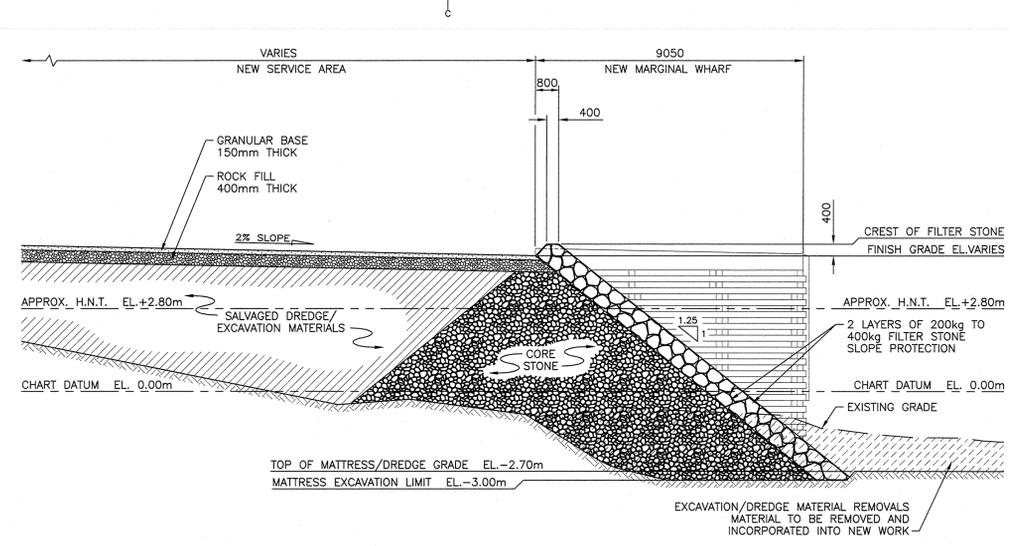


SITWORK SECTION AT APPROACH ROAD STA. 9+000
SCALE: 1:100



SITWORK SECTION AT FILTERSTONE SLOPE PROTECTION STA.30+600
SCALE: 1:100

REINFORCED CONCRETE NOTES

1. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS: 35MPa.
2. CONCRETE PROTECTIVE COVER FOR REINFORCING STEEL: 75mm.
3. REINFORCING STEEL MINIMUM YIELD STRENGTH: 400MPa.

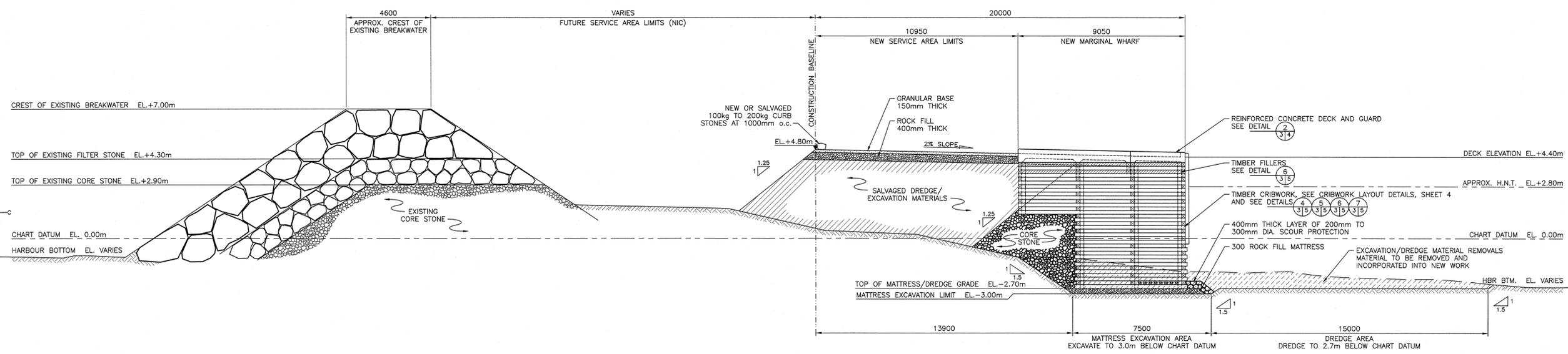
TIMBER NOTES

1. ALL TIMBER TO BE TREATED TO CAN/CSA-080 SERIES-M89 FOR MARINE CONSTRUCTION COASTAL WATERS, UNLESS NOTED OTHERWISE.

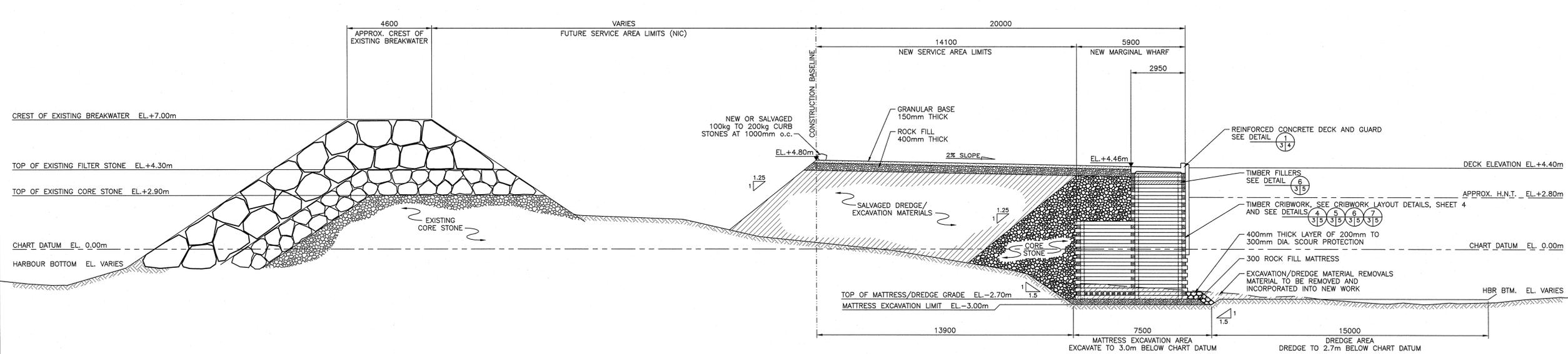
FASTENERS AND MISCELLANEOUS HARDWARE NOTES

1. FASTENERS TO BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - a) MACHINE BOLTS: 22mm DIA.
 - b) ANCHOR BOLTS: 19mm DIA.
 - c) DRIFT BOLTS: 19mm DIA. (NON-GALVANIZED)
 - c) LAG BOLTS: 19mm DIA.
2. MACHINE BOLTS TO INCLUDE 2 WASHERS AND 1 NUT EACH, ANCHOR BOLTS TO INCLUDE 1 WASHER AND 1 NUT EACH AND LAG BOLTS TO INCLUDE 1 WASHER EACH, UNLESS NOTED OTHERWISE. LENGTH OF BOLTS TO BE VERIFIED BY THE CONTRACTOR.
3. STEEL PLATE WASHERS, SUITABLY DRILLED TO RECEIVE BOLTS, TO BE SELECTED FOR SIZE FROM THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE:

BOLT SIZE	WASHER THICKNESS	WASHER OUTSIDE DIA.
19mm	6mm	75mm
22mm	6mm	75mm
4. GALVANIZE HARDWARE TO CSA G164-M1981. MINIMUM ZINC COATING OF 610g/m², UNLESS NOTED OTHERWISE. (DRIFT BOLTS NOT TO BE GALVANIZED.)



SITWORK SECTION AT SOUTH END OF MARGINAL WHARF STA. 30+600
SCALE: 1:100



SITWORK SECTION THROUGH MARGINAL WHARF STA. 41+000
SCALE: 1:100

0	ISSUED FOR TENDER	NOV 20 2013
revisions		date
project		project
HARBOUR IMPROVEMENTS NEWELLTON SHELBURNE COUNTY NOVA SCOTIA		
drawing		design
SITWORK SECTIONS		
designed	T.WALSH	consp
date	AUGUST 2013	
drawn	S.GRACE	design
date	AUGUST 2013	
approved		approved
date		
Tender		Submission
PWSC Project Number		no. du projet
project number	R.064747.001	
drawing no.		no. du dessin