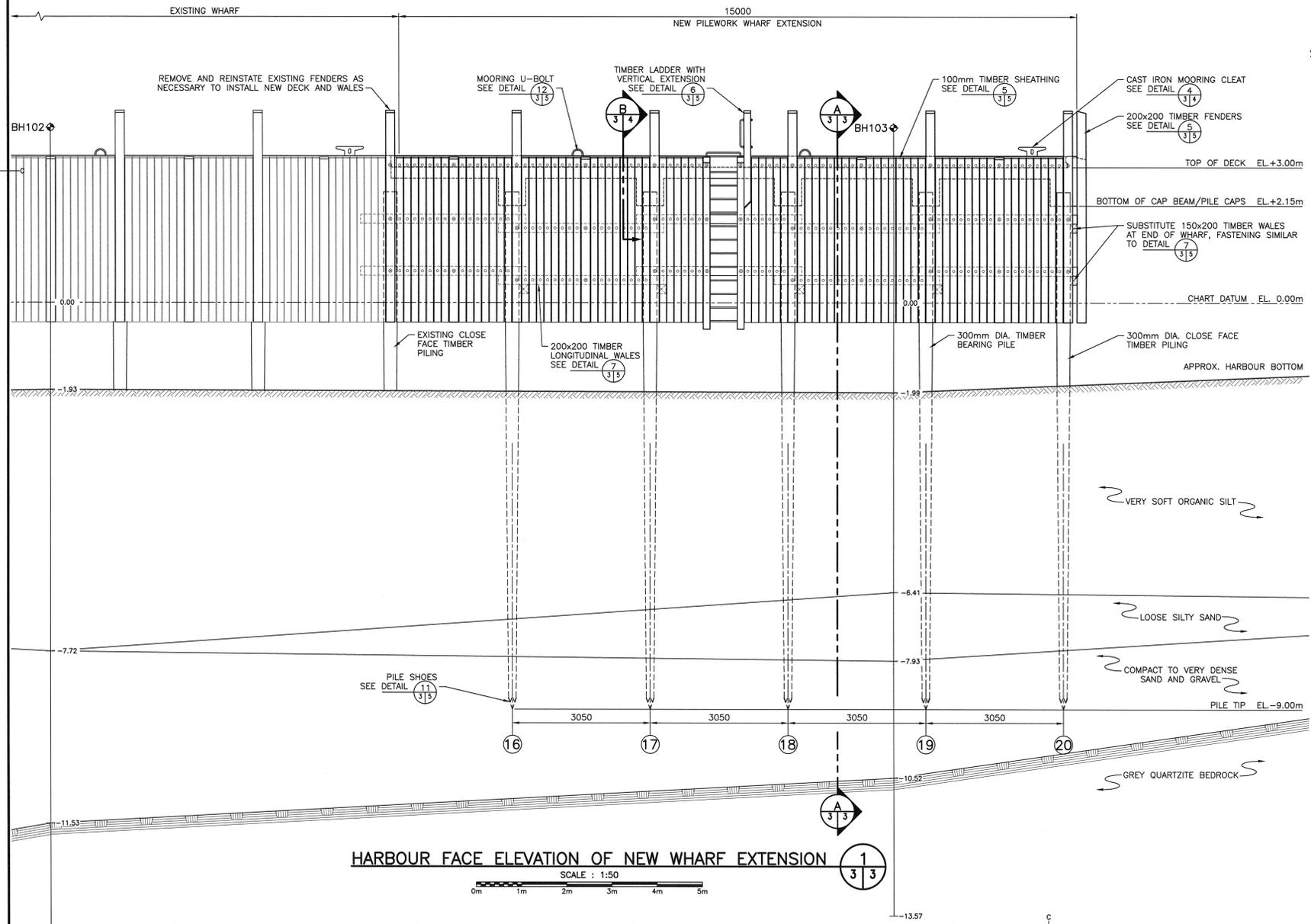


PLAN OF NEW WHARF EXTENSION

SCALE : 1:50



HARBOUR FACE ELEVATION OF NEW WHARF EXTENSION

SCALE : 1:50

PILE BENT	PILE ROW	
	ESTIMATED AS BUILT LENGTH TIP ELEV.	ESTIMATED AS BUILT LENGTH TIP ELEV.
16	12.20m	12.20m
17	12.20m	12.20m
18	12.20m	12.20m
19	12.20m	12.20m

PILE SPAN	PILE LOCATION	
	ESTIMATED AS BUILT LENGTH TIP ELEV.	ESTIMATED AS BUILT LENGTH TIP ELEV.
15-16	12.80m	12.80m
16-17	12.80m	12.80m
17-18	12.80m	12.80m
18-19	12.80m	12.80m
19-20	12.80m	12.80m

PILE FACE	ESTIMATED LENGTH
NORTH FACE (50-63)	12.20m

- LEGEND**
- ☒ FENDER LOCATION, SEE DETAIL (5/315)
 - ☒ SHEATHING LOCATION, SEE DETAIL (5/315)
 - ⊕ (L) LADDER LOCATION, SEE DETAIL (6/315)
 - ⊕ (C) MOORING CLEAT LOCATION, SEE DETAIL (4/314)
 - ⊕ (M) MOORING U-BOLT LOCATION, SEE DETAIL (12/315)
 - ⊕ (D) VERTICAL DECK DRAIN LOCATION, SEE DETAIL (2/314)
 - ⊕ (D) HORIZONTAL DECK DRAIN LOCATION, SEE DETAIL (3/314)
 - ⊕ (60) CLOSE FACE PILING NUMBERING
 - ⊕ (3.00) FINISH ELEVATIONS (METRES ABOVE CHART DATUM)

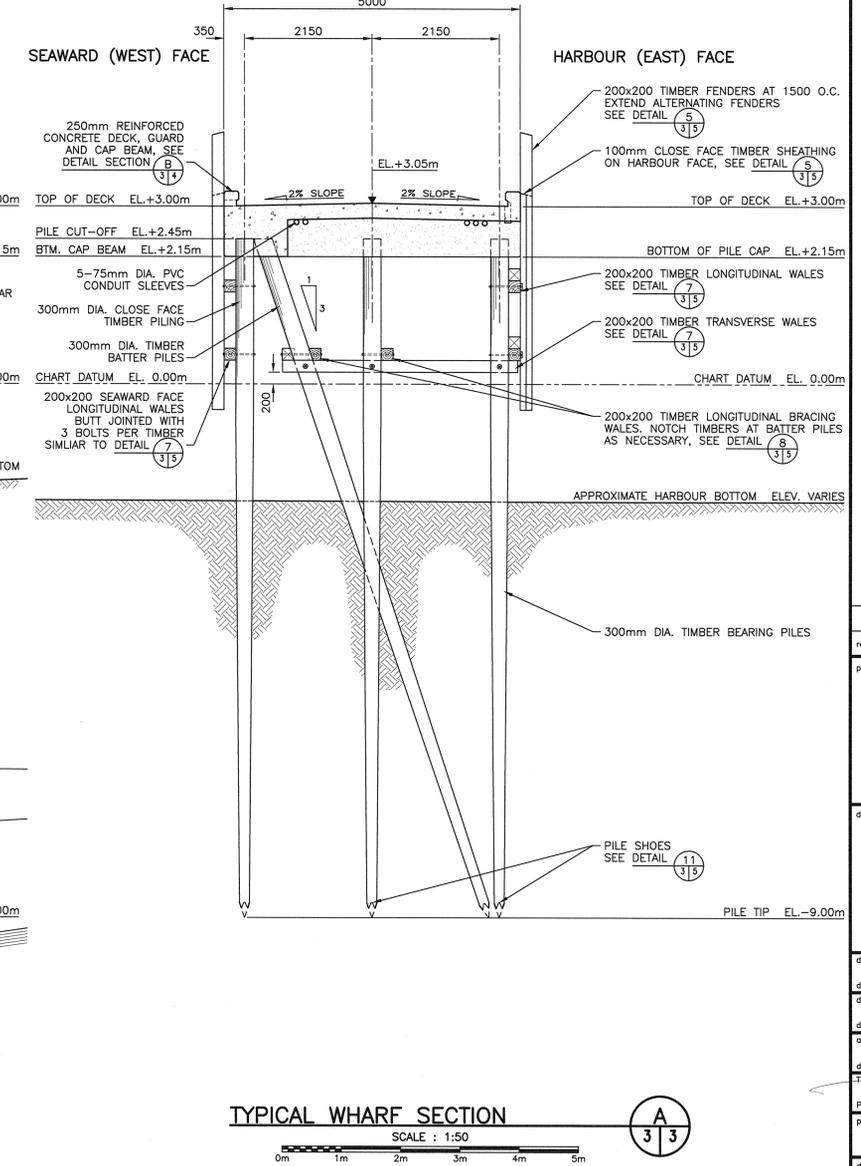
GENERAL NOTES

- TIMBER NOTES**
- ALL TIMBER TO BE TREATED TO CAN/CSA-080 SERIES-M89 FOR MARINE CONSTRUCTION COASTAL WATERS, UNLESS NOTED OTHERWISE.
 - ESTIMATED LENGTH OF ALL PILES IS THE SUPPLY LENGTH AND INCLUDES CUT-OFF ALLOWANCE.
- FASTENERS AND MISCELLANEOUS HARDWARE NOTES**
- FASTENERS TO BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - a) MACHINE BOLTS: 19mm DIA.
 - b) ANCHOR BOLTS: 19mm DIA.
 - c) SHEATHING BOLTS: 16mm DIA.
 - MACHINE BOLTS TO INCLUDE 2 WASHERS AND 1 NUT EACH, ANCHOR BOLTS TO INCLUDE 1 WASHER AND 1 NUT EACH, AND SHEATHING BOLTS TO INCLUDE 1 WASHER AND 2 NUTS EACH, UNLESS NOTED OTHERWISE. LENGTH OF BOLTS TO BE VERIFIED BY THE CONTRACTOR. 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.
16mm	6mm	50mm
19mm	6mm	75mm
 - GALVANIZE HARDWARE TO CSA G164-M1981, MINIMUM ZINC COATING OF 610g/m², UNLESS NOTED OTHERWISE.

REINFORCED CONCRETE NOTES

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



TYPICAL WHARF SECTION

SCALE : 1:50

Public Works and Government Services Canada		Travaux Publics et Services gouvernementaux Canada	
0		ISSUED FOR TENDER	APR. 2017
revisions			date
project			project
WHARF EXTENSION EASTERN PASSAGE HALIFAX COUNTY NOVA SCOTIA			
drawing		dessin	
PLAN ELEVATION AND SECTION OF NEW WORK			
designed B.PERRAULT		conçu	
date MARCH 2017		date	
drawn S.GRACE		dessiné	
date MARCH 2017		date	
approved <i>S.G. Grace</i>		approuvé	
date		date	
Tender		Soumission	
PWOSC-Projet-Monopole		Administration de projets TPSCC	
project number		no. du projet	
R.082417.001			
drawing no.		no. du dessin	
Sht.3			