

PLAN OF NEW PILEWORK

SCALE : 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

LEGEND

- MOORING CLEAT
- LADDER, FOR REINSTALLATION, SEE DETAILS (1/2) (3/4)
- TIMBER FENDER
- TIMBER SHEATHING
- BENT NUMBER ("N" DENOTES NEW BENT, "E" DENOTES EXISTING BENT)
- PILE ROW
- WINCH MOTOR
- POWER SOURCE
- POWER POLE
- POWER POLE WITH LIGHT STANDARD
- NEW CONCRETE DECK

FIELD ADJUSTMENTS TO NEW PILE LAYOUT MAY BE REQUIRED TO AVOID EXISTING SUB-STRUCTURE. FIELD ADJUSTMENTS ARE TO BE MINIMIZED.

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.

TIMBER NOTES

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

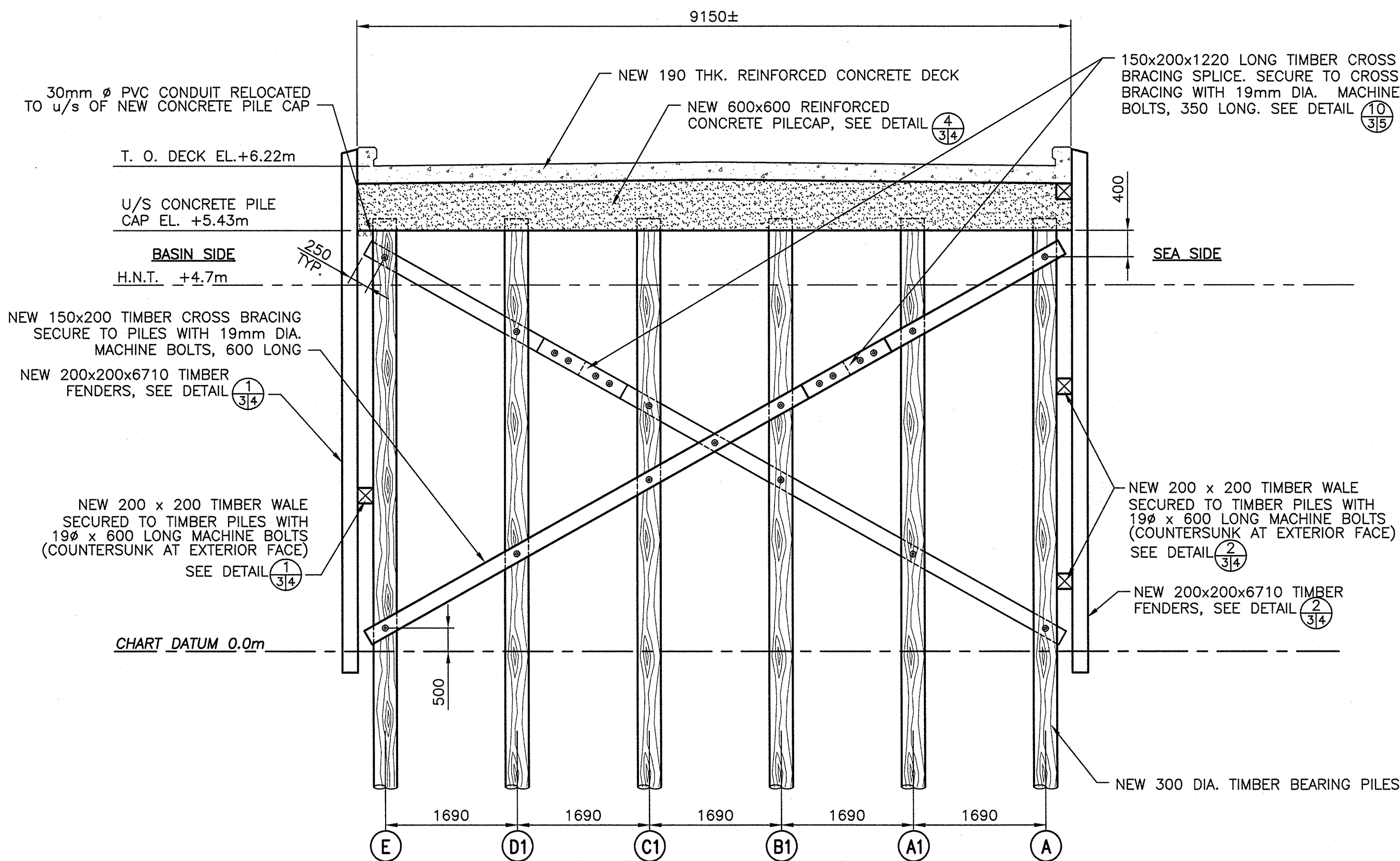
FASTENERS AND MISCELLANEOUS HARDWARE NOTES

- FASTENERS TO BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - a) MACHINE BOLTS: 20mm ϕ
 - b) LAG BOLTS: 20mm ϕ
 - c) DRIFT PINS: 20mm ϕ (NON GALVANIZED)
 - d) ANCHOR BOLTS: 20mm ϕ
- MACHINE BOLTS TO INCLUDE 2 WASHERS AND 1 NUT EACH. ANCHOR 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 ϕ
20mm	6mm	75mm

- GALVANIZE ALL HARDWARE TO CSA G164-M1981, MINIMUM ZINC COATING OF 610g/m² UNLESS NOTED OTHERWISE.

PILE BENT	PILE ROW															
	ORDER	TIP	ORDER	TIP	ORDER	TIP	ORDER	TIP	ORDER	TIP	ORDER	TIP	ORDER	TIP	ORDER	TIP
	LENGTH	ELEVATION	LENGTH	ELEVATION	LENGTH	ELEVATION	LENGTH	ELEVATION	LENGTH	ELEVATION	LENGTH	ELEVATION	LENGTH	ELEVATION	LENGTH	ELEVATION
1N	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m
2N	18.29m	-9.5m			18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m	18.29m	-9.5m
3N	18.29m	-9.4m			18.29m	-9.4m	18.29m	-9.4m	18.29m	-9.4m	18.29m	-9.4m	18.29m	-9.4m	18.29m	-9.4m
4N	18.29m	-9.3m			18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m
5N	18.29m	-9.3m			18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m	18.29m	-9.3m
6N	18.29m	-9.2m			18.29m	-9.2m	18.29m	-9.2m	18.29m	-9.2m	18.29m	-9.2m	18.29m	-9.2m	18.29m	-9.2m
7N	18.29m	-9.1m			18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m
8N	18.29m	-9.1m			18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m	18.29m	-9.1m
9N	18.29m	-9.0m			18.29m	-9.0m	18.29m	-9.0m	18.29m	-9.0m	18.29m	-9.0m	18.29m	-9.0m	18.29m	-9.0m
10N	18.29m	-8.9m			18.29m	-8.9m	18.29m	-8.9m	18.29m	-8.9m	18.29m	-8.9m	18.29m	-8.9m	18.29m	-8.9m
11N	18.29m	-8.8m			18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m
12N	18.29m	-8.8m			18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m	18.29m	-8.8m
13N	18.29m	-8.7m			18.29m	-8.7m	18.29m	-8.7m	18.29m	-8.7m	18.29m	-8.7m	18.29m	-8.7m	18.29m	-8.7m
14N	18.29m	-8.6m			18.29m	-8.6m	18.29m	-8.6m	18.29m	-8.6m	18.29m	-8.6m	18.29m	-8.6m	18.29m	-8.6m
15N	18.29m	-8.5m			18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m
16N	18.29m	-8.5m			18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m	18.29m	-8.5m
17N	18.29m	-8.4m			18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m
18N	18.29m	-8.4m			18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m	18.29m	-8.4m

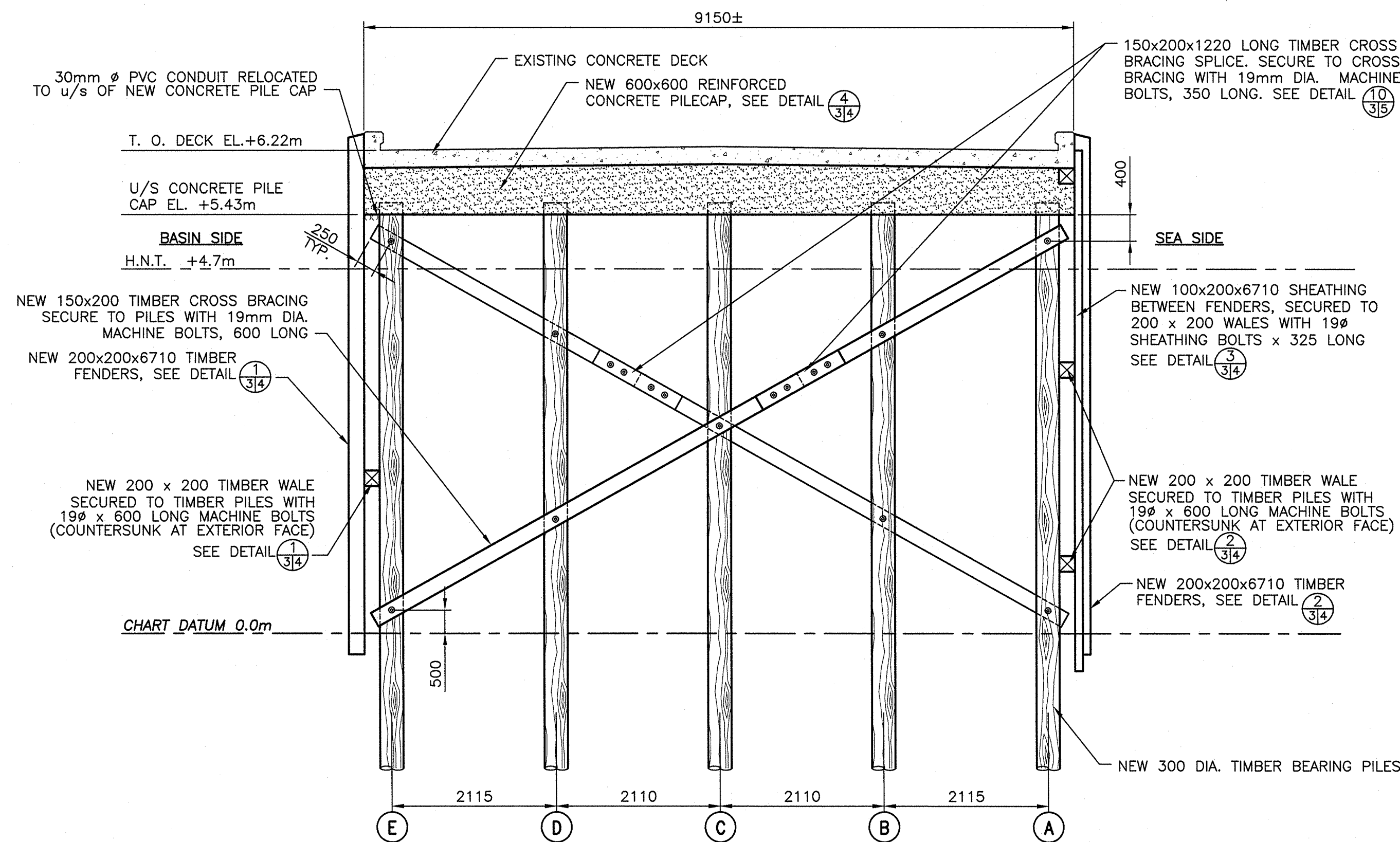


NOTE: EXISTING BENTS 2E-18E TO REMAIN. NOT SHOWN IN THIS VIEW FOR CLARITY.

NEW WHARF SECTION @ BENT 1N

SCALE: 1:50

0m 1m 2m 3m 4m 5m



NOTE: EXISTING BENTS 2E-18E TO REMAIN. NOT SHOWN IN THIS VIEW FOR CLARITY.

NEW WHARF SECTION

SCALE: 1:50

0m 1m 2m 3m 4m 5m

0	ISSUED FOR TENDER	OCT 2013
revisions		date

**SOUTH WHARF
STRUCTURAL UPGRADE**

**PINKNEY'S POINT
YARMOUTH CO., NS**

**NEW PILE LAYOUT
PLAN, SECTIONS AND
PILE SCHEDULE**

designed K. McCarthy / J. MacGillivray	conçu
date October 2013	
drawn George Prosper	dessiné
date October 2013	
approved	approuvé
date	

Tender	2013-10-25	Submission
PWSSC Project Manager	Administrateur de projets TPSSC	
project number		no. du projet

R.064746.001

drawing no. no. du dessin

Sht. 3 of 5