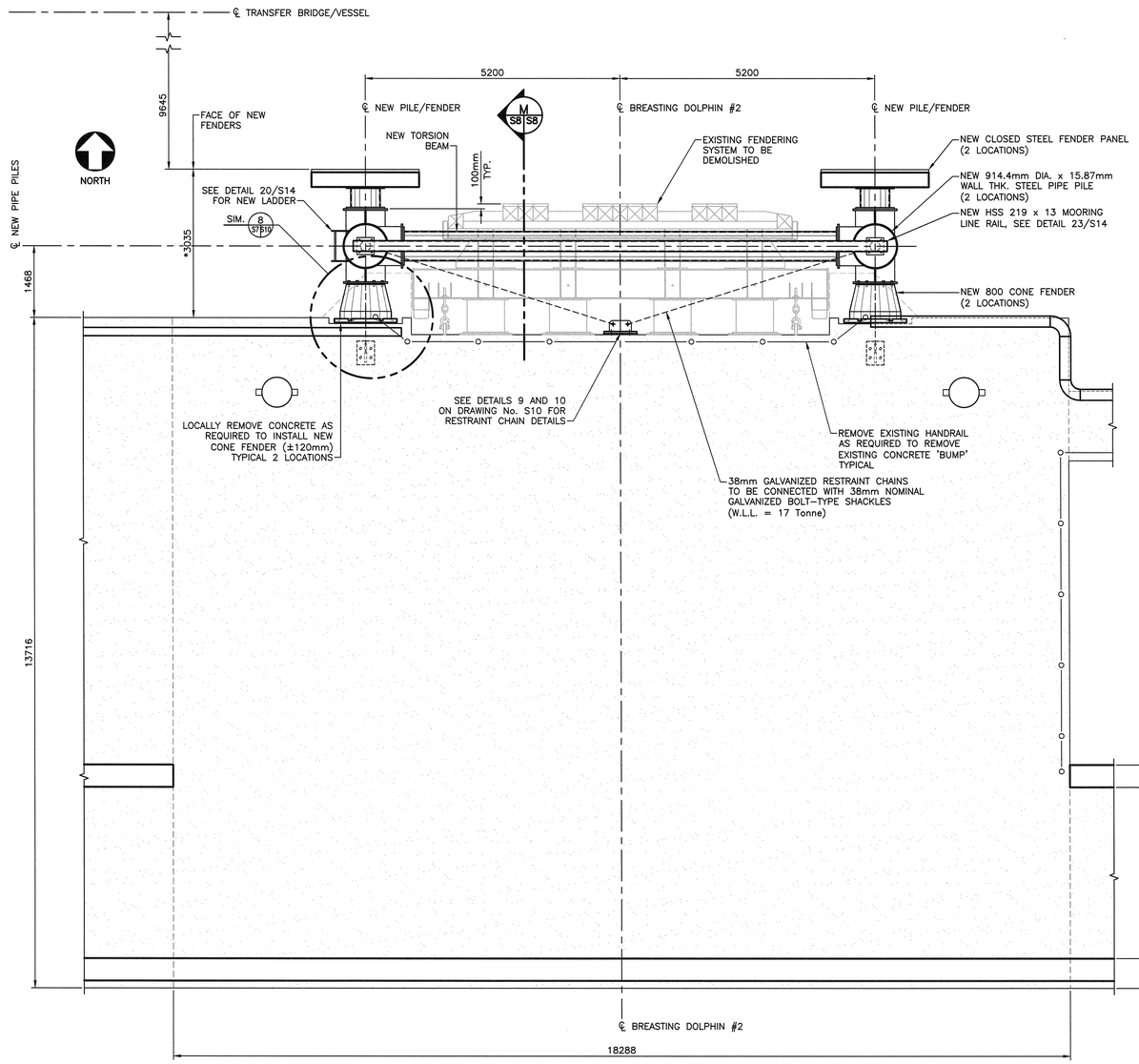
PHASING NOTES:

1. DRIVE NEW PILES AND INSTALL NEW PILE CONNECTIONS.
2. INSTALL NEW CONE FENDERS AND POUR NEW GROUT PAD. COMPLETE CONCRETE REMOVALS AS REQUIRED.
3. DEMOLISH EXISTING FENDER PANELS AND CUT OFF BOX PILE AT MUDLINE.
4. LIFT IN NEW PANEL AND WELD TO NEW PILE CONNECTIONS.
5. INSTALL TORSION BEAM, RESTRAINT CHAINS AND NEW LADDER. THE TORSION BEAM AND THE CHAINS MUST BE INSTALLED PRIOR TO PUTTING THE NEW FENDERS INTO SERVICE.
6. INSTALL NEW MOORING LINE RAIL.
7. INSTALL SACRIFICIAL ANODES.



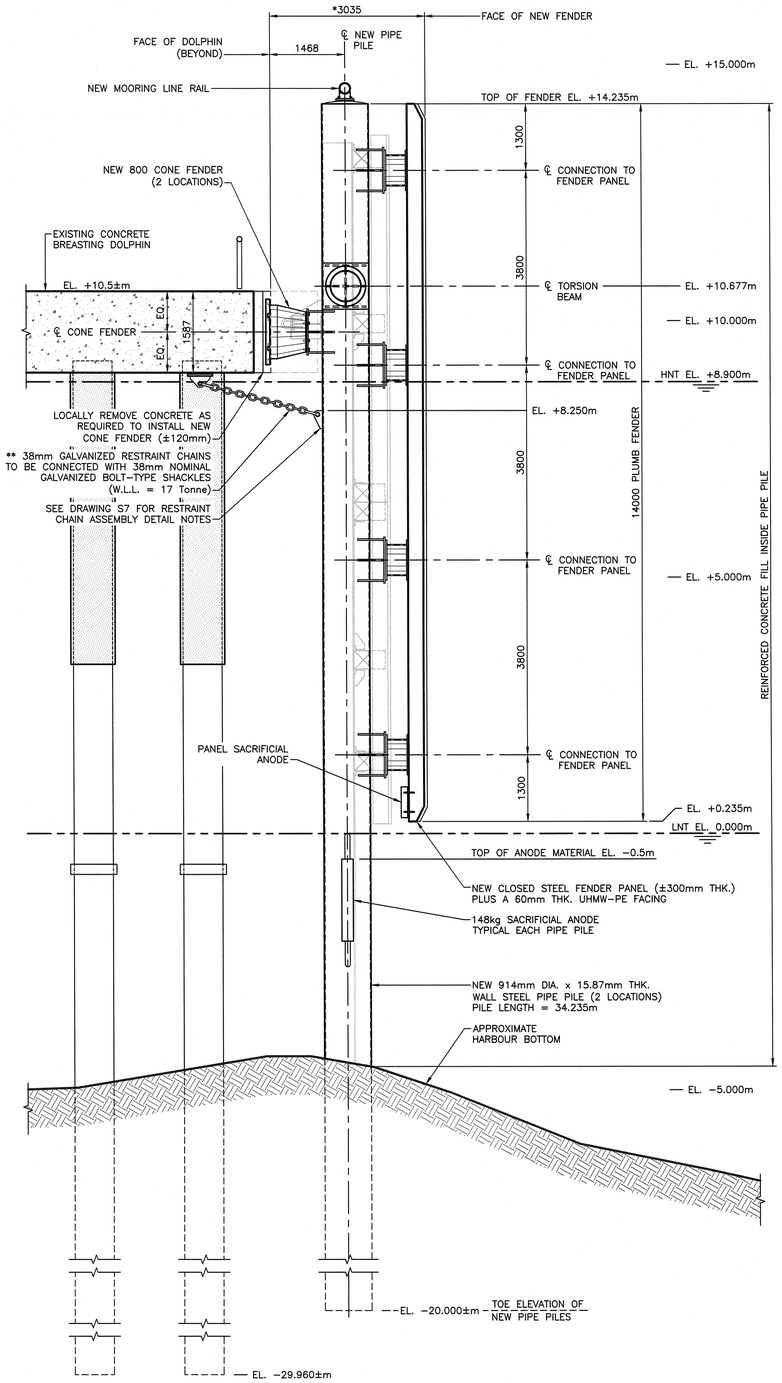
BREASTING DOLPHIN #2 PLAN DETAIL (6 / S6 S8)

SCALE : 1:50

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

NOTE: 1. SEE DRAWINGS No. S10, S11, S14 AND S15 FOR STANDARD BREASTING DOLPHIN DETAILS.

2. * DENOTES THAT DIMENSION IS TO BE VERIFIED BY THE CONTRACTOR TO ENSURE CORRECT OFFSET TO THE CENTERLINE OF THE TRANSFER BRIDGE/VESSEL.



DOLPHIN/NEW FENDER SECTION (M / S8 S8)

SCALE : 1:50

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

NOTE: * DENOTES THAT DIMENSION IS TO BE VERIFIED BY THE CONTRACTOR TO ENSURE CORRECT OFFSET TO THE CENTERLINE OF THE TRANSFER BRIDGE/VESSEL.

** THESE CHAINS RUN PERPENDICULAR TO THE FENDER FACE. THESE CHAINS ARE IN ADDITION TO THE RESTRAINT CHAINS SHOWN IN PLAN.

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

Transports Canada / Transport Canada

HARBOURSIDE Engineering Consultants

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Signature
Apr 21/17
Date
INGÉNIEUR TITULAIRE DE PERMIS Province du Nouveau-Brunswick

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project / projet

SAINT JOHN, NB
FERRY TERMINAL

FENDER REPLACEMENT

drawing / dessin

BREASTING DOLPHIN #2
NEW PILE/FENDER

PLAN AND SECTION

designed / conçu: S.O'BRIEN
date: NOVEMBER 2016
drawn / dessiné: J.BENNETT
date: NOVEMBER 2016
approved / approuvé:
date: 2017-05-05
Tender / Soumission
~~SYLVIA MacDONALD~~ 2017-05-08
PWGSC Project Manager / Administrateur de projets TPSGC

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