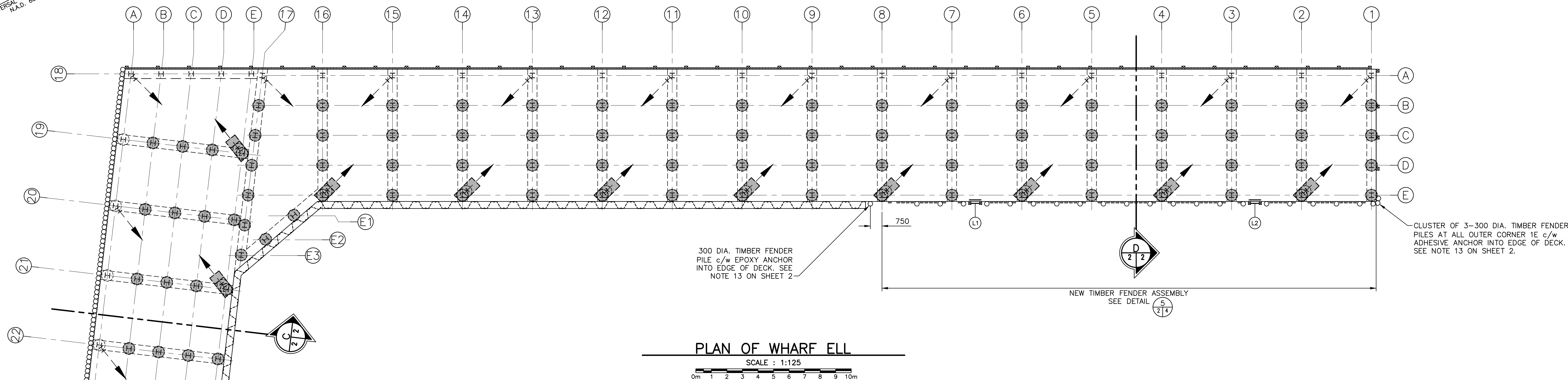


GRID NORTH  
UNIVERSAL TRANSVERSE MERCATOR  
N.A.D. 83 ZONE 20



PLAN OF WHARF ELL

SCALE : 1:125

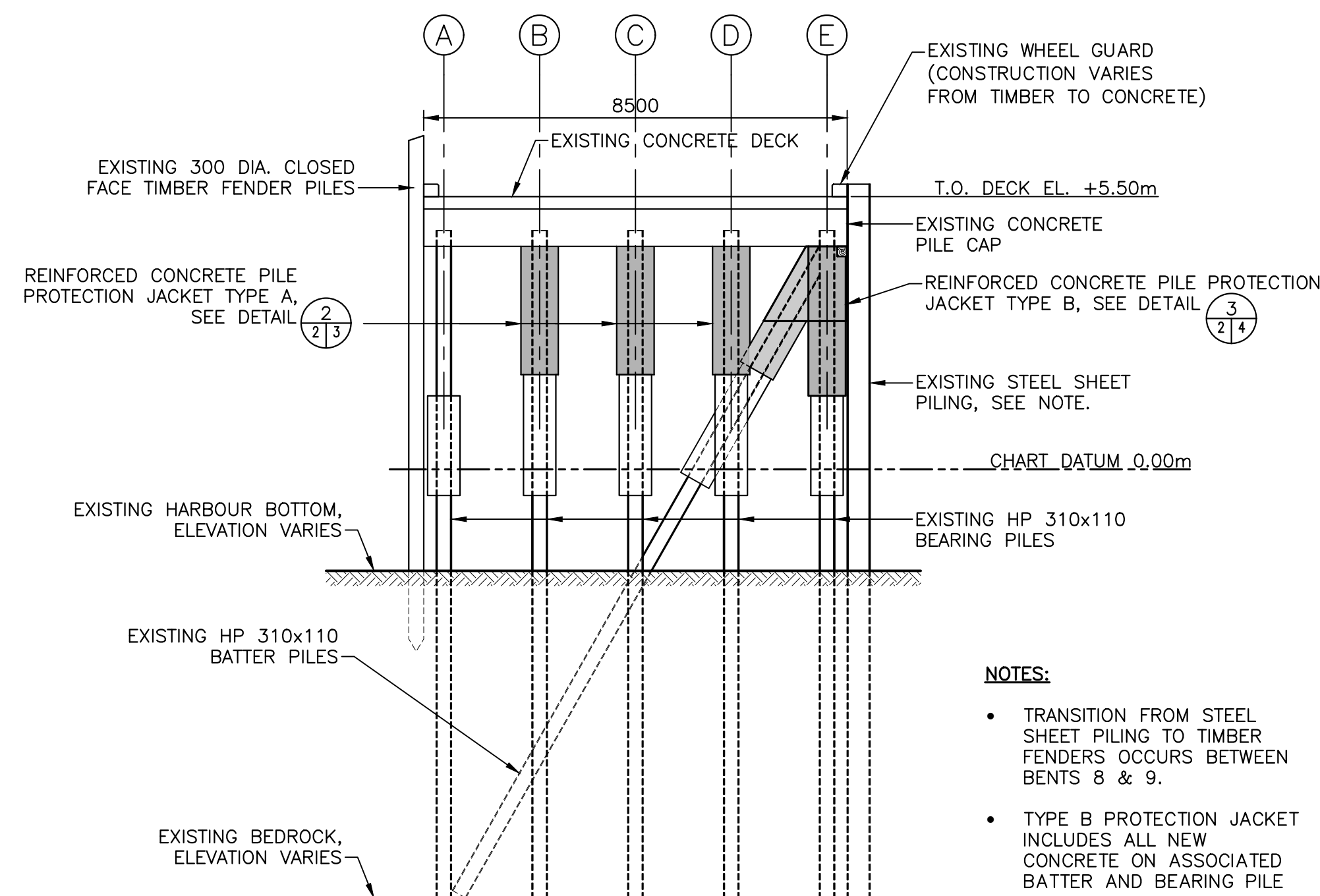
0m 1 2 3 4 5 6 7 8 9 10m

LEGEND

- STRUCTURALLY REINFORCED CONCRETE PILE PROTECTION JACKET COMPLETED UNDER PREVIOUS PROJECT (BENT 23 TO 43 PILES B,C,D)
- STRUCTURALLY REINFORCED CONCRETE PILE PROTECTION JACKET TYPE A - SINGLE VERTICAL PILE (78 REQUIRED)
- STRUCTURALLY REINFORCED CONCRETE PILE PROTECTION JACKET TYPE B - COMBINED BATTER AND VERTICAL PILE (10 REQUIRED)
- NEW LADDERS (2 REQUIRED), SEE DETAIL 6/2/1

GENERAL NOTES

- STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO CAN3-S16.1 LATEST EDITION AND THE NATIONAL BUILDING CODE OF CANADA LATEST EDITION.
- ALL STRUCTURAL STEEL TO CONFORM TO CSA STANDARD G40.21, TYPE 350W.
- PROVIDE ALL NECESSARY DETAILS, MATERIALS AND CONNECTIONS IN ACCORDANCE WITH CISC STANDARD DETAILS U/N.
- WELDING ELECTRODES TO BE E49XX.
- CONCRETE COMPRESSIVE STRENGTH TO BE 35 MPa AT 28 DAYS.
- CONCRETE WORK TO CONFORM TO REQUIREMENTS OF CSA-STANDARD CAN3-A23.1 LATEST EDITION.
- MINIMUM CONCRETE COVER TO REINFORCING STEEL TO BE IN ACCORDANCE WITH CAN3-A23.1 LATEST EDITION U/N.
- REINFORCING STEEL TO BE 400 MPa.
- ALL REINFORCING STEEL DETAILING AND PLACING CONFORM TO ACI MANUAL FOR DETAILING OF REINFORCED CONCRETE STRUCTURE U/N.
- LAP HORIZONTAL BARS IN ACCORDANCE WITH CAN3-A23.3 LATEST EDITION AND PROVIDE CORNER BARS AND VERTICAL DOWELS TO MATCH HORIZONTAL AND VERTICAL STEEL U/N.
- REINFORCING STEEL CIRCULAR TIES TO BE FABRICATED TO ACCOMMODATE INSTALLATION AROUND EXISTING STEEL H-PILE.
- PROVIDE 15W TIES @ 150mm C/C WITHIN 300mm OF BEARING PLATE, TOP OF JACKET AND BOTTOM OF JACKET. TIE SPACING 300mm C/C OVER REMAINDER OF REPAIR JACKET.
- ALL FENDER PILES TO BE ANCHORED INTO THE EDGE OF THE DECK WITH 25 DIAMETER GALVANIZED ADHESIVE ANCHOR, EMBEDDED MINIMUM 200MM INTO THE CONCRETE.
- EMBED ALL FENDER PILES MINIMUM 2500 INTO HARBOUR BOTTOM.



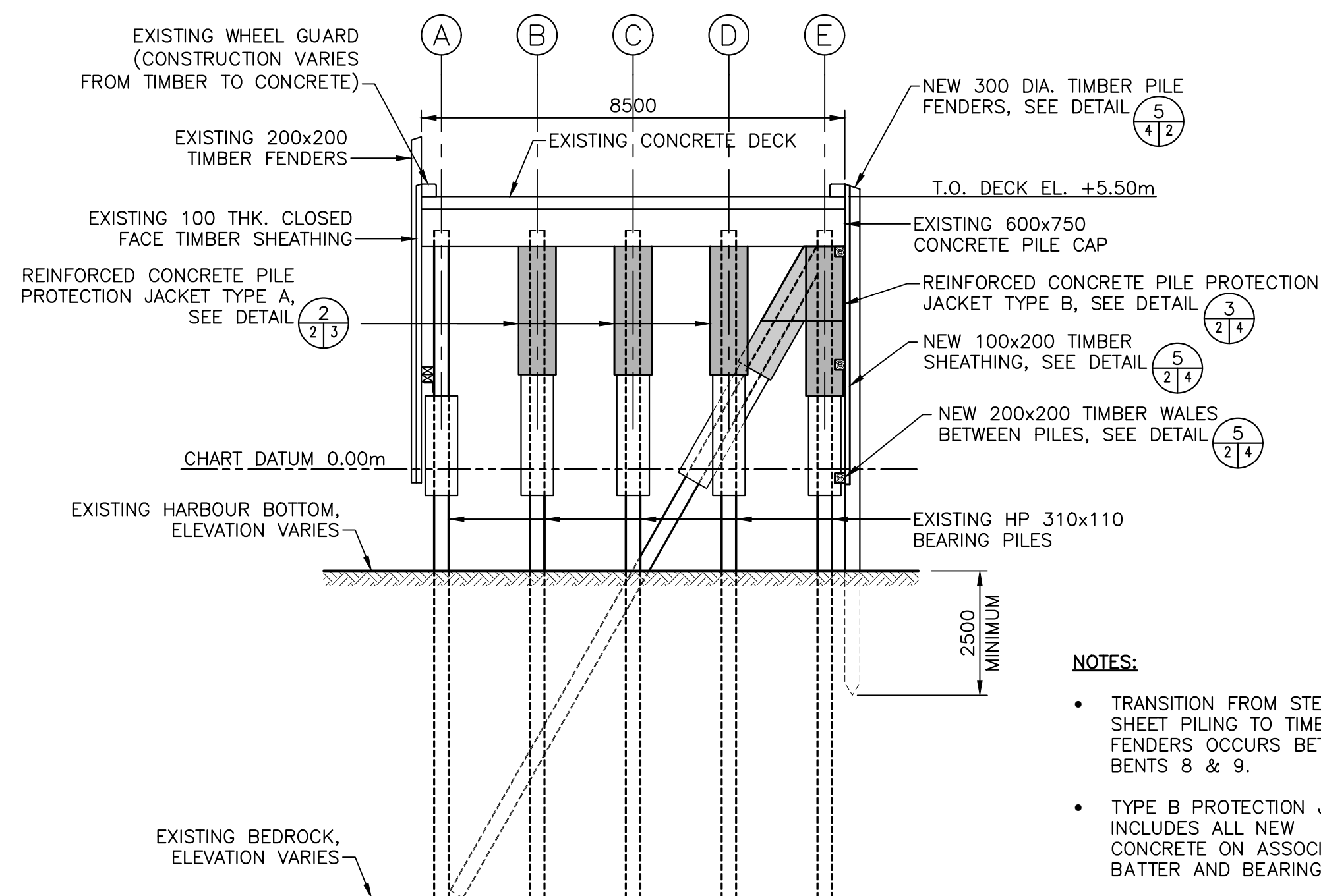
TYPICAL STEM SECTION

SCALE : 1:100

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

NOTES:

- TRANSITION FROM STEEL SHEET PILING TO TIMBER FENDERS OCCURS BETWEEN BENTS 8 & 9.
- TYPE B PROTECTION JACKET INCLUDES ALL NEW CONCRETE ON ASSOCIATED BATTER AND BEARING PILE



TYPICAL SECTION ELL

SCALE : 1:100

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

NOTES:

- TRANSITION FROM STEEL SHEET PILING TO TIMBER FENDERS OCCURS BETWEEN BENTS 8 & 9.
- TYPE B PROTECTION JACKET INCLUDES ALL NEW CONCRETE ON ASSOCIATED BATTER AND BEARING PILE

0	ISSUED FOR TENDER	OCT.15 2021
revisions		date

project STEEL PILE REPAIRS  
PHASE 2  
WEDGE POINT  
YARMOUTH COUNTY  
NOVA SCOTIA

drawing PILE REPAIR PLAN  
AND SECTIONS

designed M. HIMMELMAN	conçu
date SEPTEMBER 2021	
drawn G. PROSPER	dessiné
date SEPTEMBER 2021	
approved	approuvé
date	
Tender	Soumission
PWGC Project Manager	Administrateur de projets TPSC
project number R.118209.001	no. du projet
drawing no. SHT 2	no. du dessin