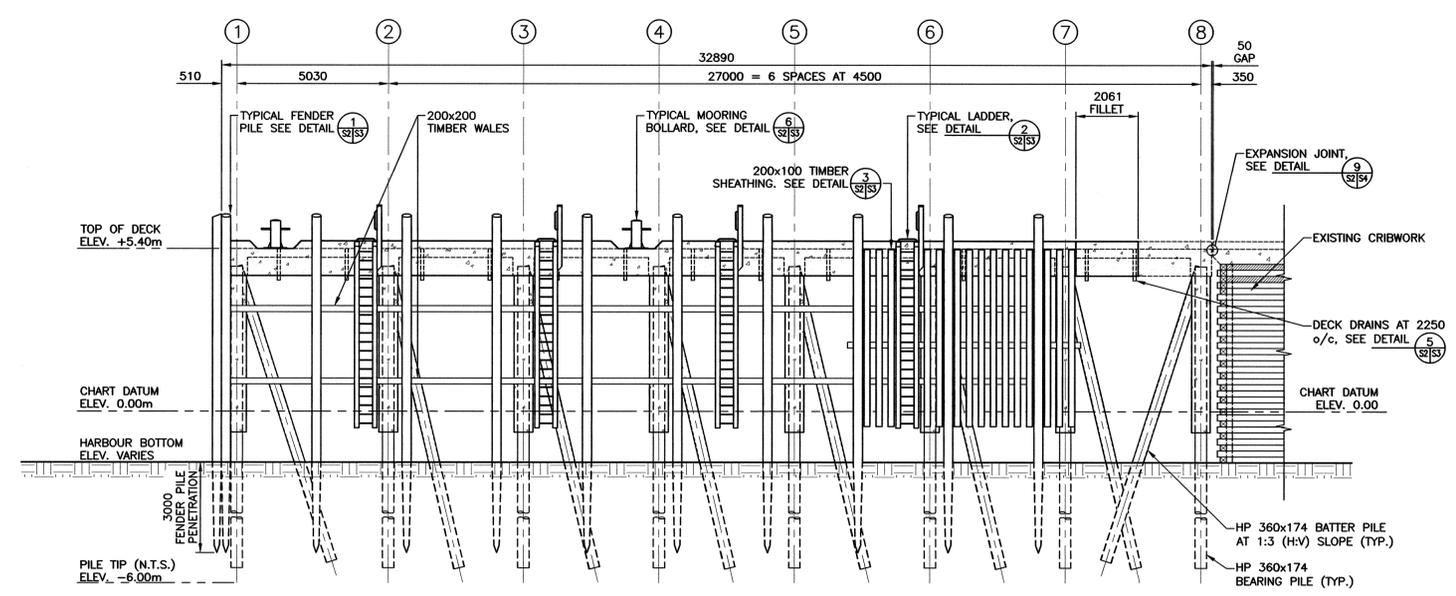
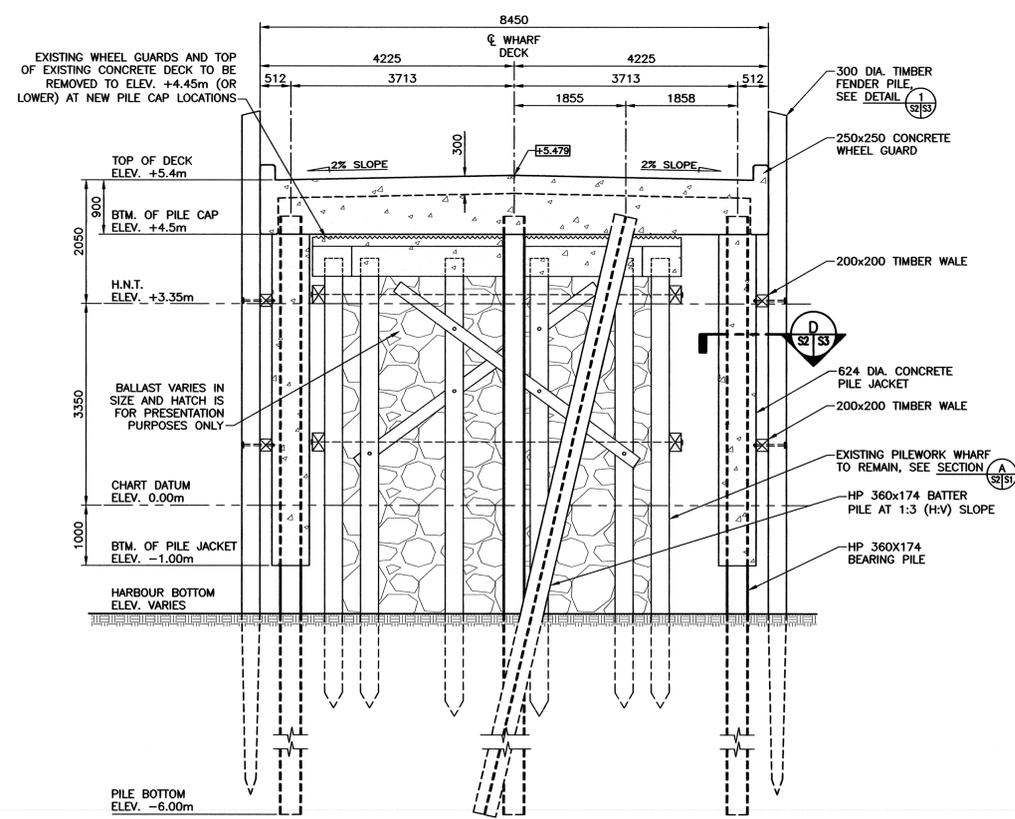


PLAN OF NEW WHARF
SCALE : 1:100



ELEVATION - WEST FACE OF NEW WHARF
SCALE : 1:100



TYPICAL SECTION AT PILE CAP
SCALE: 1:50

PILING NOTES

- ALL PILES ARE HP360x174 STEEL H-PILES CONFORMING TO CSA G40.20/G40.21, GRADE 350W.
- STEEL H-PILES SHALL BE DRIVEN TO REFUSAL USING A HAMMER WITH A RATED ENERGY OF AT LEAST 42.5 kJ.
- REFUSAL CRITERIA SHALL BE CONSIDERED TO BE 10 BLOWS FOR THE LAST 25mm OF PENETRATION, FOR TWO CONSECUTIVE SETS.
- ALL PILES SHALL BE RE-TAPPED AFTER AT LEAST 24 HOURS TO ENSURE THE FINAL SET IS MAINTAINED, AND IF NOT, THEY SHALL BE RESET TO THE REFUSAL CRITERIA AND RE-TAPPED AGAIN AFTER 24 HOURS. THIS PROCEDURE SHALL BE REPEATED UNTIL THE REFUSAL IS OBTAINED ON THE RE-TAP.
- ALL PILES SHALL BE DRIVEN TO BED ROCK AND TESTED
- LOAD CAPACITY OF PILES SHALL BE VERIFIED BY MEANS OF PDA ANALYZER.
- UNFACTORED DESIGN PILE CAPACITY AT ULTIMATE LIMIT STATES = 1437.5 kN (C)
- REFER TO SPECIFICATIONS FOR PDA TESTING REQUIREMENTS.
- ALL BATTER PILES SHALL HAVE A BATTER OF 1:3 (H:V) UNLESS NOTED OTHERWISE ON DRAWING.
- CONTRACTOR WILL SUPPLY ALL EQUIPMENT AND BE RESPONSIBLE FOR INDEPENDENT TESTING OF ALL PILES AS DIRECTED BY DEPARTMENT REPRESENTATIVE.
- THIS SITE IS KNOWN TO CONTAIN COBBLES AND BOULDERS. CONTRACTOR SHALL BE PREPARED TO ADVANCE TROUGH COBBLES AND BOULDERS AS REQUIRED. THERE ARE NUMEROUS COBBLES AND BOULDERS IN EXISTING STRUCTURE AND UNDERLYING SOILS.



1	ISSUED FOR TENDER	MAY 1 2018
revisions		date
project	BEAR POINT WHARF RECONSTRUCTION - 401 & 402 BEAR POINT SHELburne COUNTY NOVA SCOTIA	
drawing	STRUCTURE 402 PLAN AND ELEVATION	
designed	V.L.	conçu
date	FEB. 2016	
drawn	M.M.	dessiné
date	APR. 23, 2018	
approved		
date		
Tender		
PWSGC Project Manager	Administrateur de projets TPSGC	
project number	R.097263.001	
drawing no.	S2	