

## EXISTING CONDITIONS PLAN

SCALE : 1:250



SURVEY NOTES

SURVEY PARTY CHIEF DARRYL GREEN  
SURVEY VESSEL SCOTIA SURVEYOR  
SURVEY DATE(S) JANUARY 18 AND MARCH 1, 2017

SOUNDER TYPE: ROSS  
SOUNDER SETTING N/A VEL. OF SOUND 1454m/s  
DEPTH GATE USED N/A FRE. OF TRANS. 190 & 210 kHz

POSITIONING SYSTEM USED TRIMBLE 5700 RTK DGPS  
LAND SURVEY POSITION BY TRIMBLE 5700

RAW DATA FILE(S): HIC60.ZIP & HIC18.ZIP  
CAD DRAWING FILE(S): HIC60AT.DWG

TIDAL REDUCTION SCHEME PWC TBM at Queensport, Top of Wood Deck, Elev. +2.756 Referenced to NS Mon. 24180 elev. +18.35m above CD. A Geodetic to CD Correction of 0.65m was applied.

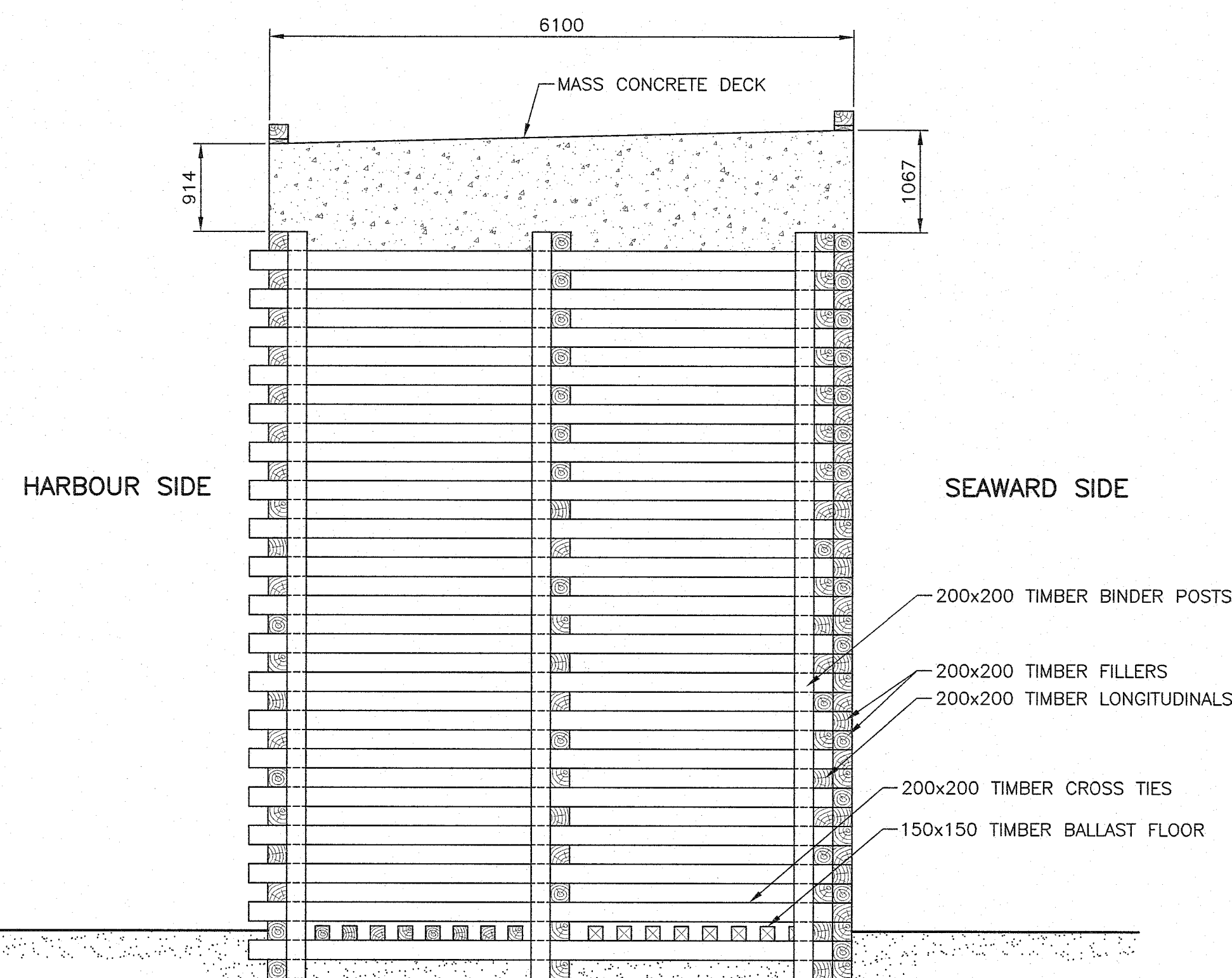
OFFICE PROCESSOR      DAVID MELANSON  
DATE OF PROCESSING    FEBRUARY 11 & 14 AND MARCH 2, 2017

MODE OF PLOTTING AVERAGE  
MATRIX CELL WIDTH X LENGTH 1.2m X 3.0m

CONTROL PT. NAME	POINTS: UTM NAD83, ZONE 20 (metres)			DESCRIPTION
	EASTING	NORTHING	CD ELEV	
LOAD	636595.661	5022749.825	2.97	PWGSC CONTROL
BOLT	641393.248	5023895.344	5.42	PWGSC CONTROL
GUYWIRE	641402.584	5023898.170	8.56	PWGSC CONTROL
24180	636279.590	5022112.580	18.35	NS CONTROL

CONSTRUCTION NOTES:

1. IF THE EXISTING GEOTECHNICAL CONDITIONS ARE NOT DEEMED COMPETENT FOR THE ROCK STRUCTURE, NOTIFY THE DEPARTMENTAL REPRESENTATIVE.
2. CONTRACTOR WILL MONITOR SETTLEMENT DURING CONSTRUCTION AND PROVIDE DEPARTMENTAL REPRESENTATIVE A DAILY REPORT OF SETTLEMENT OBSERVATION INCLUDING CRACKING SLUMPING OR SLOPE FAILURES. THE DAILY REPORT WILL INCLUDE RECORDING OF CREST ELEVATIONS AT THE END OF EACH DAY AND AGAIN BEFORE WORK STARTS IN THE AREA THE NEXT DAY/TIME.



ORIGINAL CRIBWORK CONSTRUCTION

SCALE : 1:50

