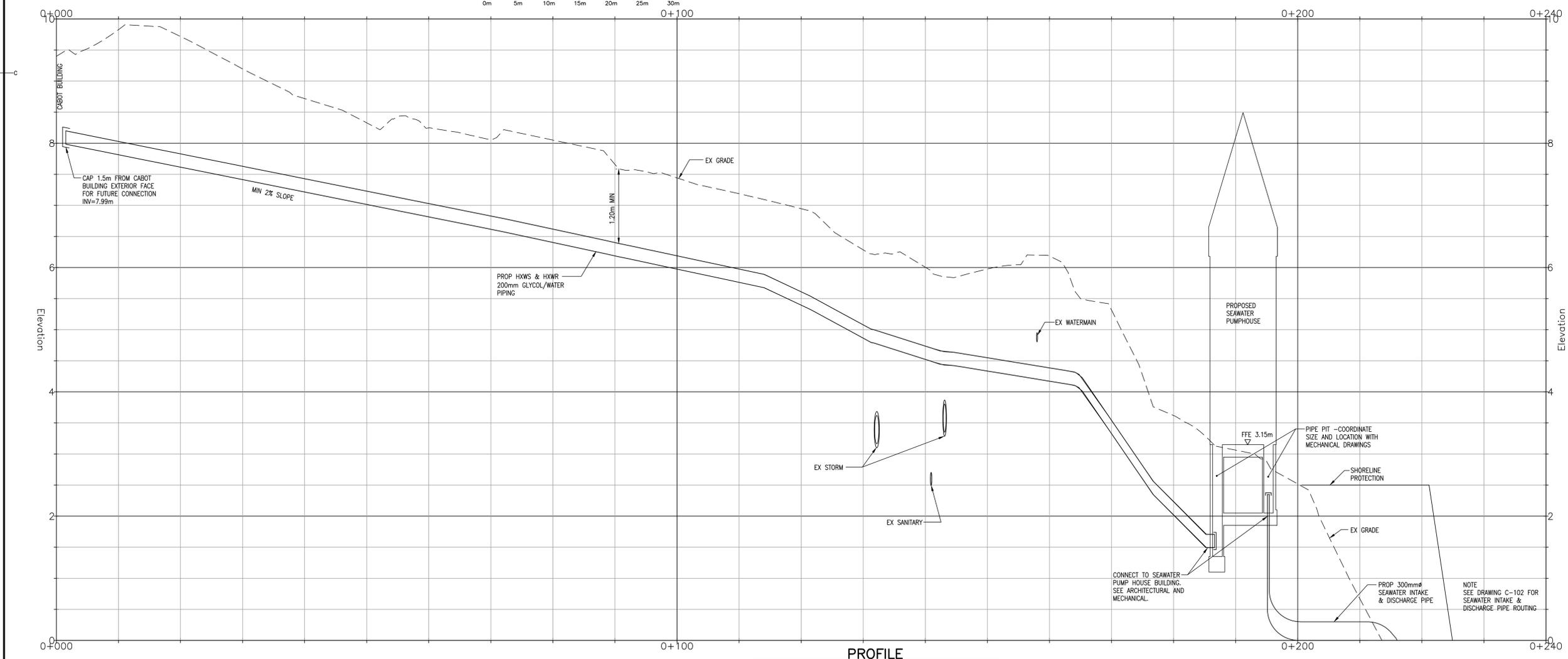
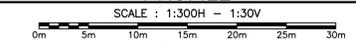


PLAN



PROFILE



GENERAL NOTES

HORIZONTAL GRID COORDINATES ARE UTM NAD83 CSRS ZONE 20 (2010 EPOCH) IN METRES.
 THE FIELD SURVEY WAS REFERENCED TO CHS CHART DATUM AT PT. NORTHSTAR. NO ELLIPSOID-GEOID SEPARATION MODEL WAS APPLIED. RTK GPS TIDES WERE CHECKED USING CHS CONTROL MONUMENTS 98N9004 AND 1034-1966.
 BATHYMETRY WAS PROCESSED WITH HYPACK® 2014, AND THE DEPTH SURFACE EXPORTED AT A 0.2 METRE REGULAR GRID. AVERAGE DEPTHS WERE THEN PRODUCED FROM HYPACK® 2014 AT AN IRREGULAR GRID OF 1.2 X 3.0 METRES. SOUNDINGS WERE ROUNDED ACCORDING TO CANADIAN HYDROGRAPHIC SERVICE (CHS) SURVEY STANDARDS.
 VECTOR BASED MAPPING IS FROM THE PROVINCE OF NOVA SCOTIA 1:10,000 DIGITAL TOPOGRAPHIC DATABASE (NSTDB), AND IS BASED ON 2005 AERIAL PHOTOGRAPHY. THE LOCATION OF THE FLOATING WHARF STRUCTURES WAS TAKEN FROM BING MAP® MAP, AND IS ONLY APPROXIMATE.
 GEOTECHNICAL INFORMATION PROVIDED BY PWGSC: GEOTECHNICAL INVESTIGATION IN SUPPORT OF THE MECHANICAL UPGRADE PROJECT - CANADIAN COAST GUARD COLLEGE (CCGC), SYDNEY, NOVA SCOTIA, MARCH, 2018

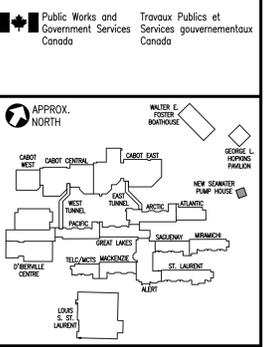
TIDAL INFORMATION

LOCATION	ELEVATION ABOVE CHART DATUM				
	LARGE TIDE		MEAN TIDE		MEAN WATER LEVEL
	HHW	LLW	HHW	LLW	
METRES	METRES	METRES	METRES	METRES	
NORTH SYDNEY	1.4	0.0	1.1	0.5	0.7

TIDAL INFORMATION TAKEN FROM FISHERIES AND OCEANS CANADA CHART 4266, NOVA SCOTIA, CAPE BRETON ISLAND, SYDNEY HARBOUR, 2016-02-05.

HXWS & HXWR ALIGNMENT

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	10.000	11.627	N02° 15' 09.12"W	(5114316.6625,714358.8778)	(5114327.6375,714358.4461)
C2	10.000	11.387	N63° 40' 49.01"E	(5114334.1844,714362.3888)	(5114338.9649,714372.0531)
C3	100.000	12.516	S80° 06' 42.03"E	(5114336.3285,714395.9229)	(5114334.1805,714408.2449)
C4	120.800	21.108	S81° 31' 54.99"E	(5114325.2169,714445.6564)	(5114322.1125,714466.5078)
C5	5.760	9.047	N48° 27' 44.09"E	(5114320.7963,714488.2625)	(5114326.1975,714494.3593)
C6	100.000	12.904	N00° 14' 03.65"W	(5114328.8417,714494.5193)	(5114341.7362,714494.4665)
C7	6.000	4.072	N15° 30' 46.77"E	(5114349.1133,714493.9596)	(5114352.9624,714495.0280)



exp. BUILDINGS • EARTH & ENVIRONMENT • ENERGY • INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY

GENERAL NOTES:
 DO NOT SCALE THIS DRAWING FOR CONSTRUCTION PURPOSES. USE FIGURED DIMENSIONS AS NOTED.
 THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SPECIFICATIONS AND GENERAL CONTRACTUAL CONDITIONS.
 ALL DIMENSIONS AND CONDITIONS ARE TO BE VERIFIED ON SITE. ALL DISCREPANCIES ARE TO BE REPORTED TO THE DEPARTMENTAL REPRESENTATIVE AND AGREED UPON WITH THEM IN WRITING BEFORE PROCEEDING WITH WORKS.
 INFORMATION ON THESE DRAWINGS IS TO BE USED FOR THIS PROJECT ONLY AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

LEGEND

- MH SANITARY SEWER MANHOLE
- SANITARY SEWER FLOW
- CB STORM WATER CATCH BASIN
- △ C/P1 CONTROL POINT
- F Fire Hydrant
- U Utility Pole
- W Water Service
- SAN Sanitary Service
- SW Storm Service
- 3.73 Existing Grade Shot
- 0+000 Alignment and Station
- ⊕ TP-10 Test Pit Location
- ⊕ BH-1 Bore Hole Location
- Tree Line

NOTE: EXISTING INFORMATION IS SHOWN SHADED.

0	Issued for Tender	06/29/18
revisions		date

project CANADIAN COAST GUARD COLLEGE, SYDNEY, NS MECHANICAL & SPRINKLER UPGRADES

drawing design PROPOSED SEAWATER HEAT PUMP PIPE ROUTING AND BUILDING LOCATION

designed CDH/SDM conq
 date 06/29/18
 drawn CDH
 date 06/29/18
 approved SDM
 date 06/29/18
 Tender Submission
 Joan Muise
 PWGSC Project Manager Administrateur de projets TPSGC
 project number no. du projet

R.065476.711
 drawing no. no. du dessin C-100