

**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
- ⊙ FIRE HYDRANT
- ⊙ LP UTILITY POLE
- W — WATER SERVICE
- SN — SANITARY SERVICE
- SW — STORM SERVICE
- 3.75 — EXISTING GRADE SHOT
- 01.00 — 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** project

drawing **PROPOSED SEAWATER PIPING ROUTING** design

designed	CDH/SDM	congru
date	06/29/18	
drawn	CDH	designer
date	06/29/18	
approved	SDM	approved
date	06/29/18	
Tender	Joan Muise	Submission
PWOSC Project Manager	Administrateur de projets TPSCG	no. du projet
<b>R.065476.711</b>		
drawing no.	C-101	no. du dessin

**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 PWOSC: GEOTECHNICAL INVESTIGATION IN SUPPORT OF THE MECHANICAL UPGRADE PROJECT - CANADIAN COAST GUARD COLLEGE (CCGC), SYDNEY, NOVA SCOTIA, MARCH, 2018

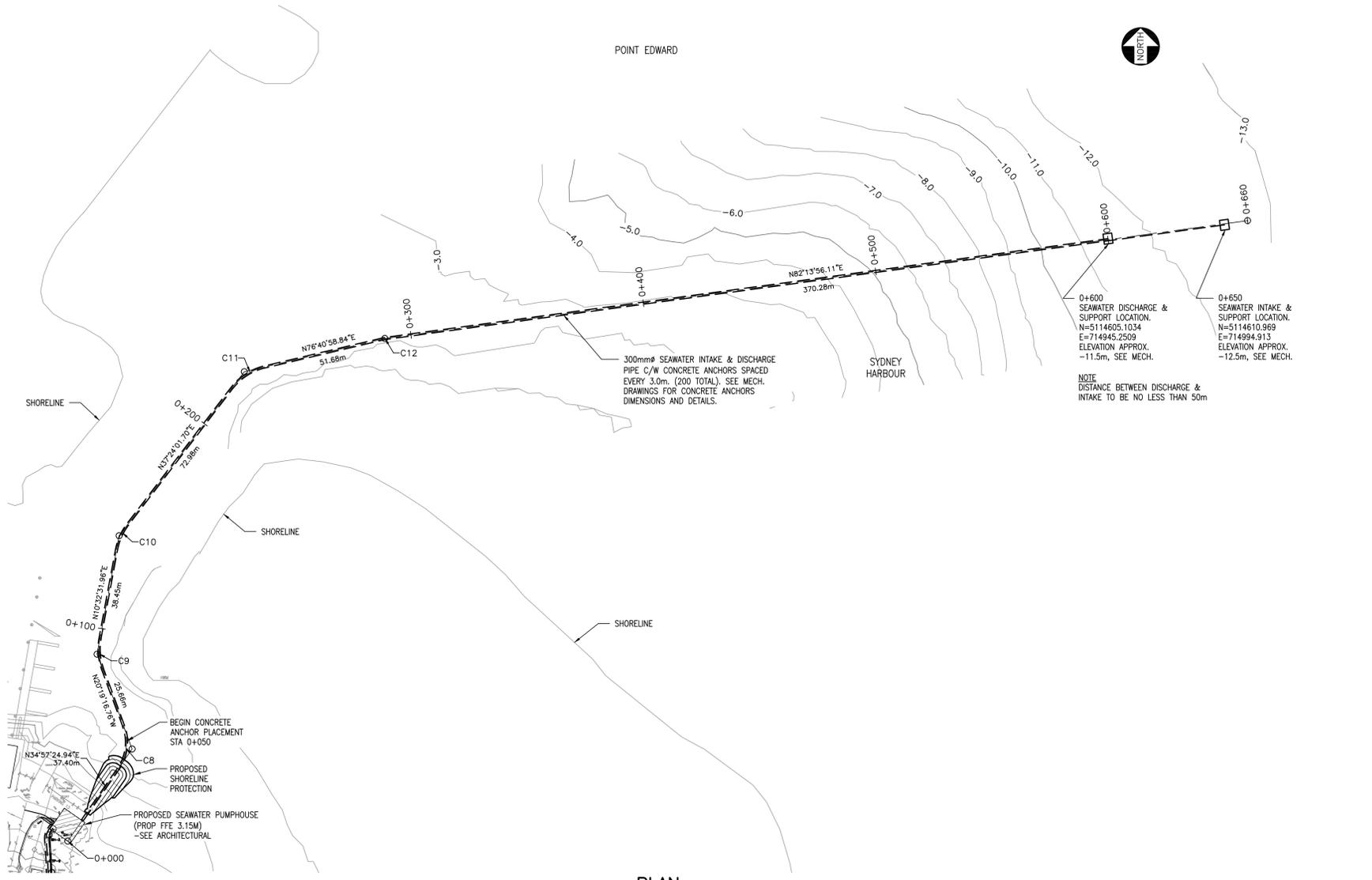
**TIDAL INFORMATION**

LOCATION	ELEVATION ABOVE CHART DATUM				
	LARGE TIDE		MEAN TIDE		MEAN WATER LEVEL
	HHW	LLW	HHW	LLW	
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.

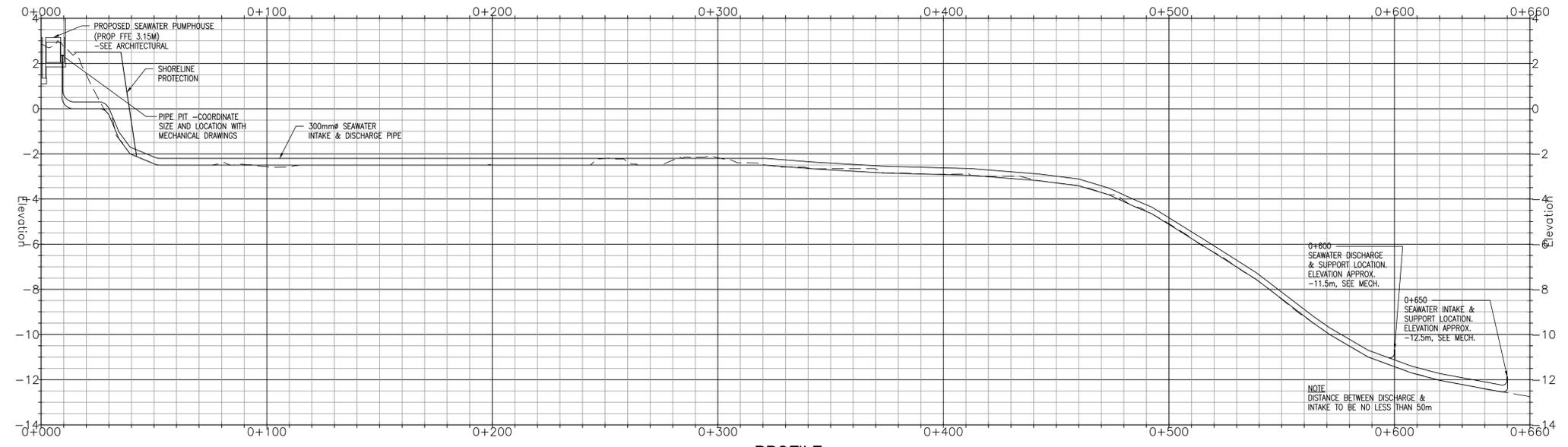
**SEAWATER INTAKE AND DISCHARGE PIPING CENTRELINE ALIGNMENT CURVE TABLE**

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C8	20.000	19.296	N07° 19' 04.09"E	(5114379.2153,714523.1916)	(5114397.6202,714525.5551)
C9	25.000	13.467	N04° 53' 22.40"W	(5114421.6817,714516.6443)	(5114434.9378,714515.5103)
C10	25.000	11.719	N23° 58' 16.83"E	(5114472.7347,714522.5444)	(5114483.3453,714527.2621)
C11	25.000	17.140	N57° 02' 30.27"E	(5114541.3201,714571.5880)	(5114550.4633,714585.6898)
C12	20.000	1.937	N79° 27' 27.47"E	(5114562.3670,714635.9793)	(5114562.7213,714637.8829)



**PLAN**

SCALE : 1:1000



**PROFILE**

SCALE : 1:1000H - 1:100V

