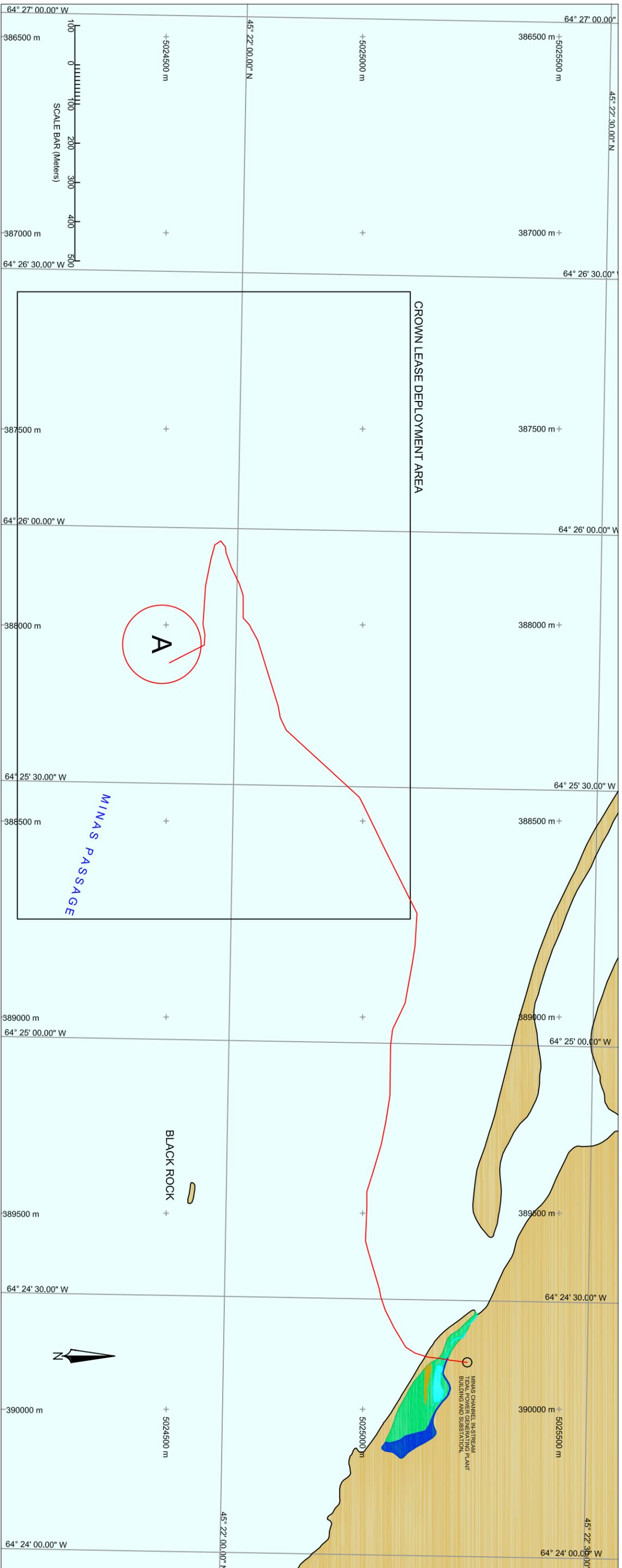


**Appendix 2:**  
**Device Plans and Scaled Drawings**







SITE 'A' TO SHORE

WATER DEPTH (Meters)

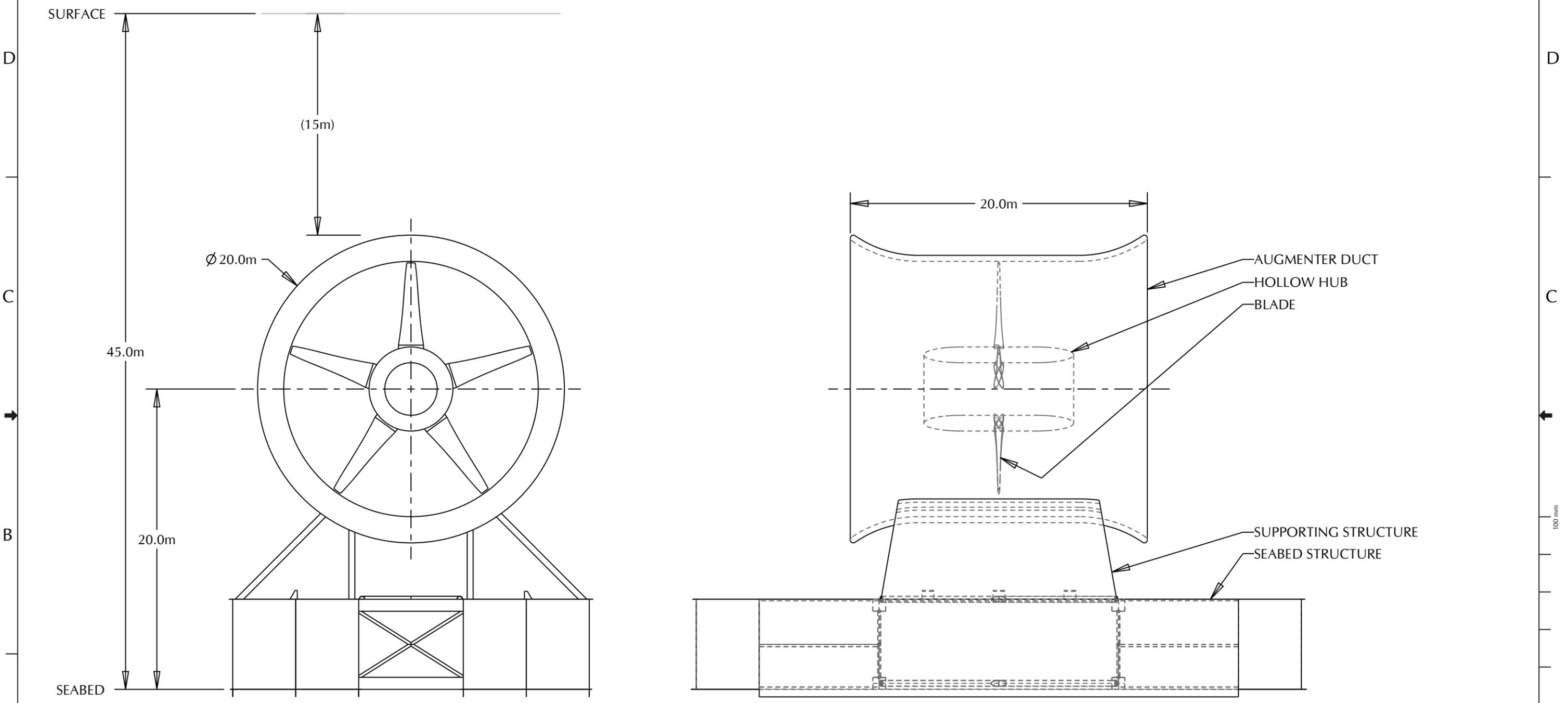


PROVINCIAL COASTLINE FROM NOVA SCOTIA GEOMATICS CENTER

LOW WATER MARK

REV	LOC'N	DESCRIPTION	DRAWN	CHK'D	APPV'D	DATE
1	-	INITIAL RELEASE		-	-	

CC20B\_TURBINE\_SPACE\_CLAIM  
PART NO:



A

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STANDARD TOLERANCES	
UNLESS OTHERWISE SPECIFIED:	THIRD ANGLE PROJECTION
X.X ±1 mm	
X.XX ±0.25 mm	
X.XXX ±0.10 mm	
ANGLES ±0.5°	
MACHINING TOLERANCES	
UNLESS OTHERWISE SPECIFIED:	
SURFACE FINISH: 1.6 µm	
FLATNESS: 0.01 T.I.R.	
CONCENTRICITY: 0.01 T.I.R.	
FILLET & BREAK SHARP EDGES 0.10 TO 0.25	

MILLIMETERS	
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS. DO NOT SCALE DRAWING. WORK TO DIMENSIONS SHOWN.	
MATERIAL:	SEE BOM
FINISH:	SEE DRAWING
APPLICATION	

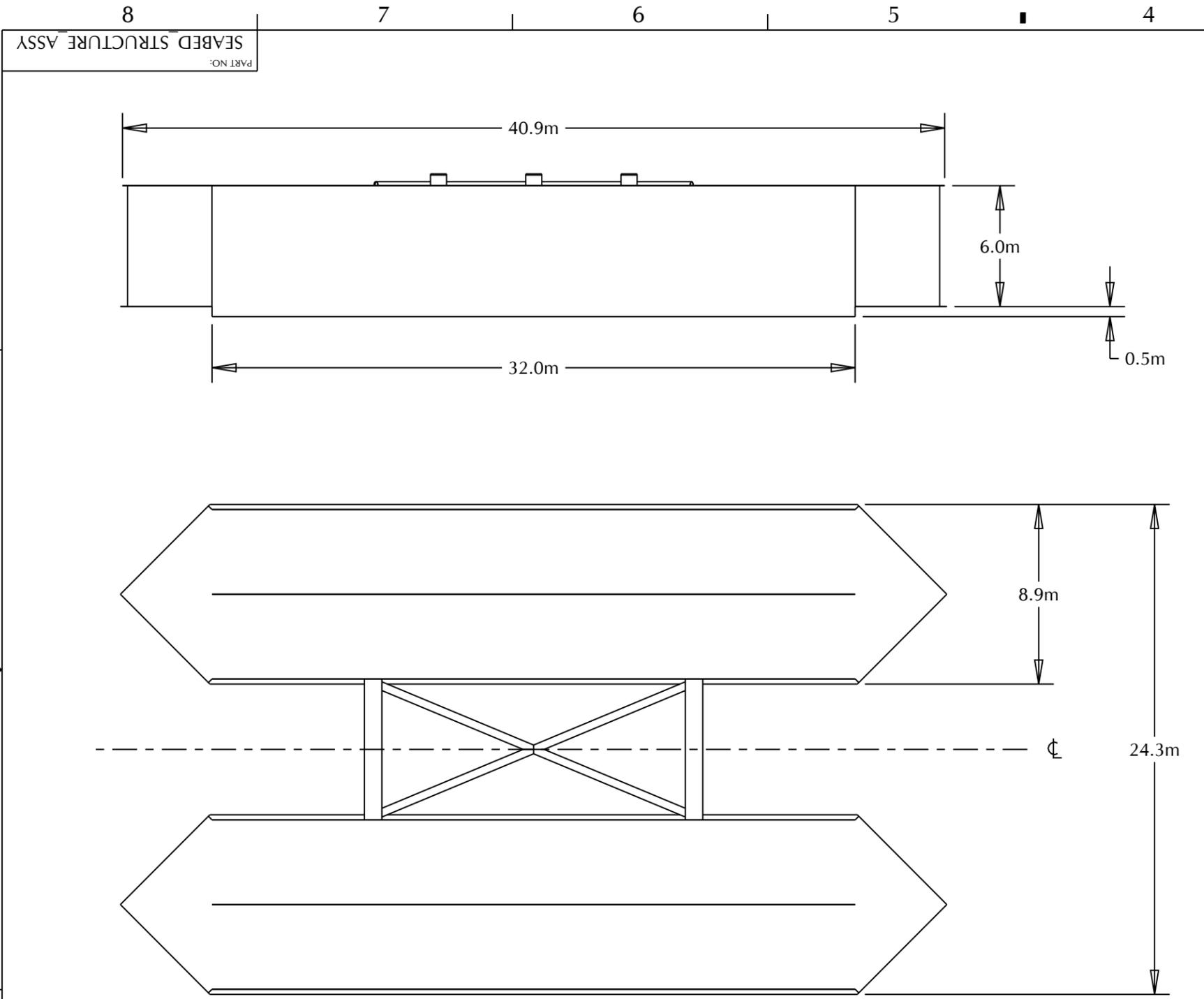
APPROVAL SIGNATURES		
DESIGNER	KDM	19FEB2009
DRAFTER		19FEB2009
CHECKED		
MANUF.		
APPROVED		

**Clean Current** *Clean Current Power Systems Inc.*  
405 - 750 Pender Street West  
Vancouver, B.C., V6C 2T7

**Renewable Energy from the Tides**

**CC20B TURBINE**  
SPACE CLAIM

SIZE	PART NO:	REV
B	CC20B_TURBINE_SPACE_CLAIM	1
SCALE: 1:250		SHEET: 1 OF 1
EST WT:		



REV	DESCRIPTION	DRAWN	CHK'D	APPV'D	DATE
1	INITIAL RELEASE	MAR	-	-	19 FEB 2009

**General Description**

Mass in air:  
 - Seabed structure: 280 mt  
 - Material : Steel  
 - Total with ballast: 1740 mt

Area:  
 - Seabed footprint: 994 m2

Anchoring:  
 - Penetration skirts: 0.5m

Installation method : ballasting

Deviation from berth center : +- 1m

Orientation to flow direction: +- 5°

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STANDARD TOLERANCES	
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ANGLES ±0.5°	

MACHINING TOLERANCES	
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MILLIMETERS	
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MATERIAL:	SEE BOM
FINISH:	SEE DRAWING
APPLICATION	

APPROVAL SIGNATURES		
DESIGNER		
DRAFTER	MAR	19 FEB 2009
CHECKED		
MANUF.		
APPROVED		

**Clean Current** Clean Current Power Systems Inc.  
405 - 750 Pender Street West  
Vancouver, B.C., V6C 2T7

**Renewable Energy from the Tides**

**SEABED STRUCTURE GENERAL**

SIZE	PART NO:	REV
B	SEABED_STRUCTURE_ASSY	1
SCALE: 1:250		SHEET: 1 OF 1
EST WT:		

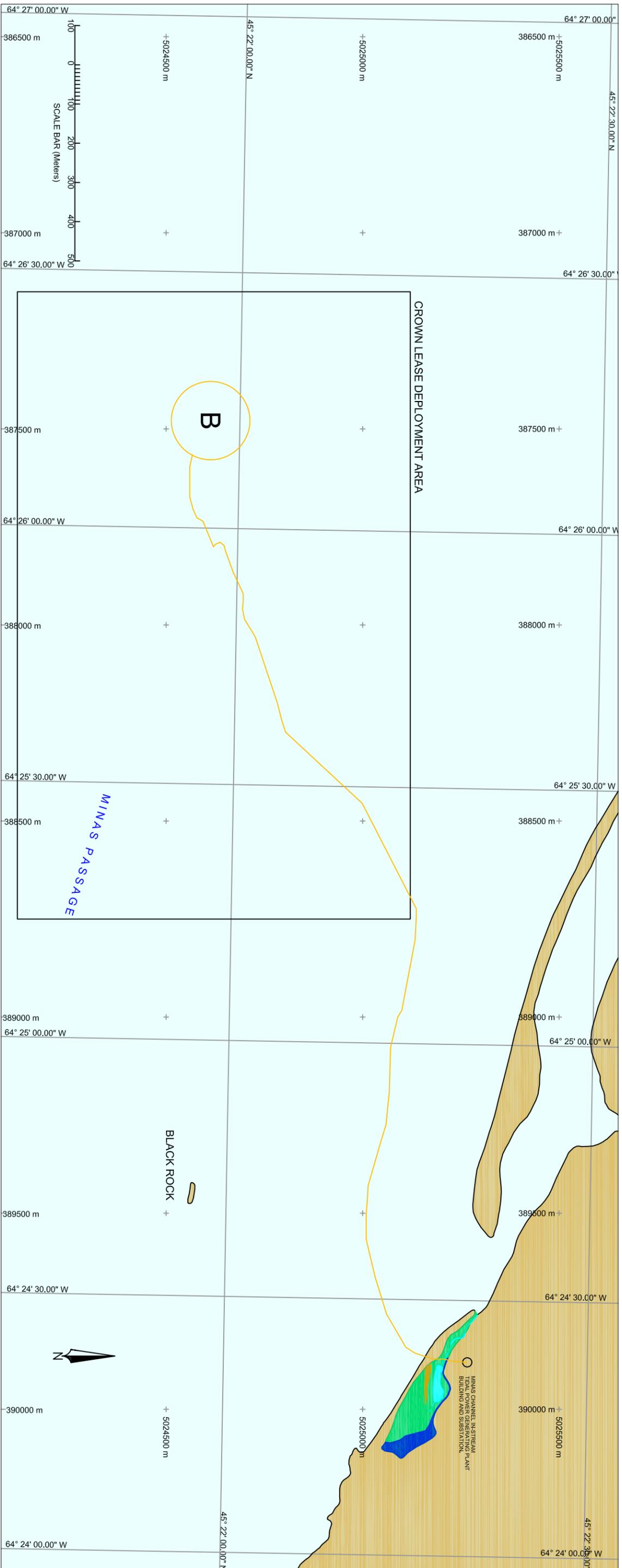
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C  
B  
A

D  
C  
B  
A

100 mm  
20  
10  
0

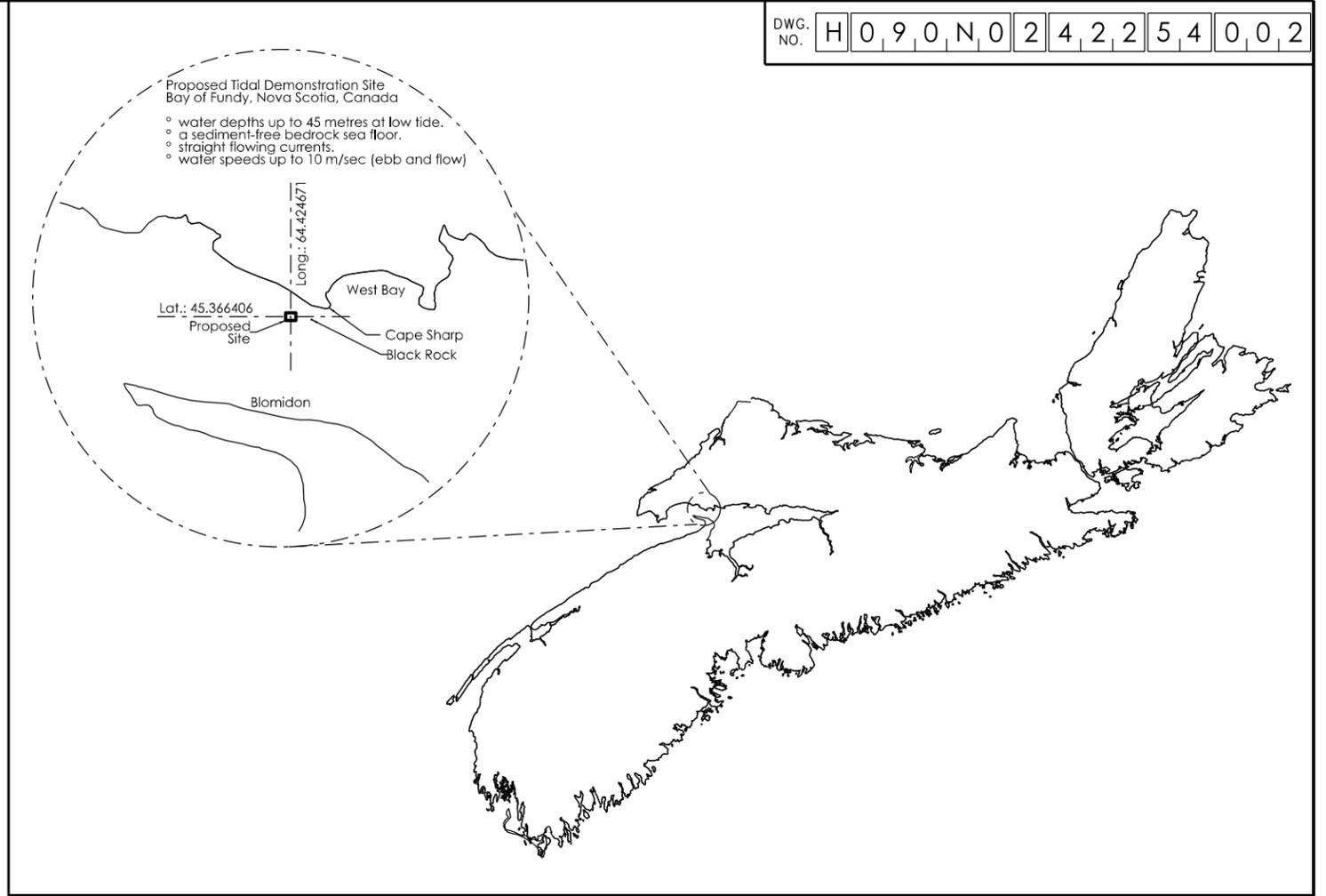
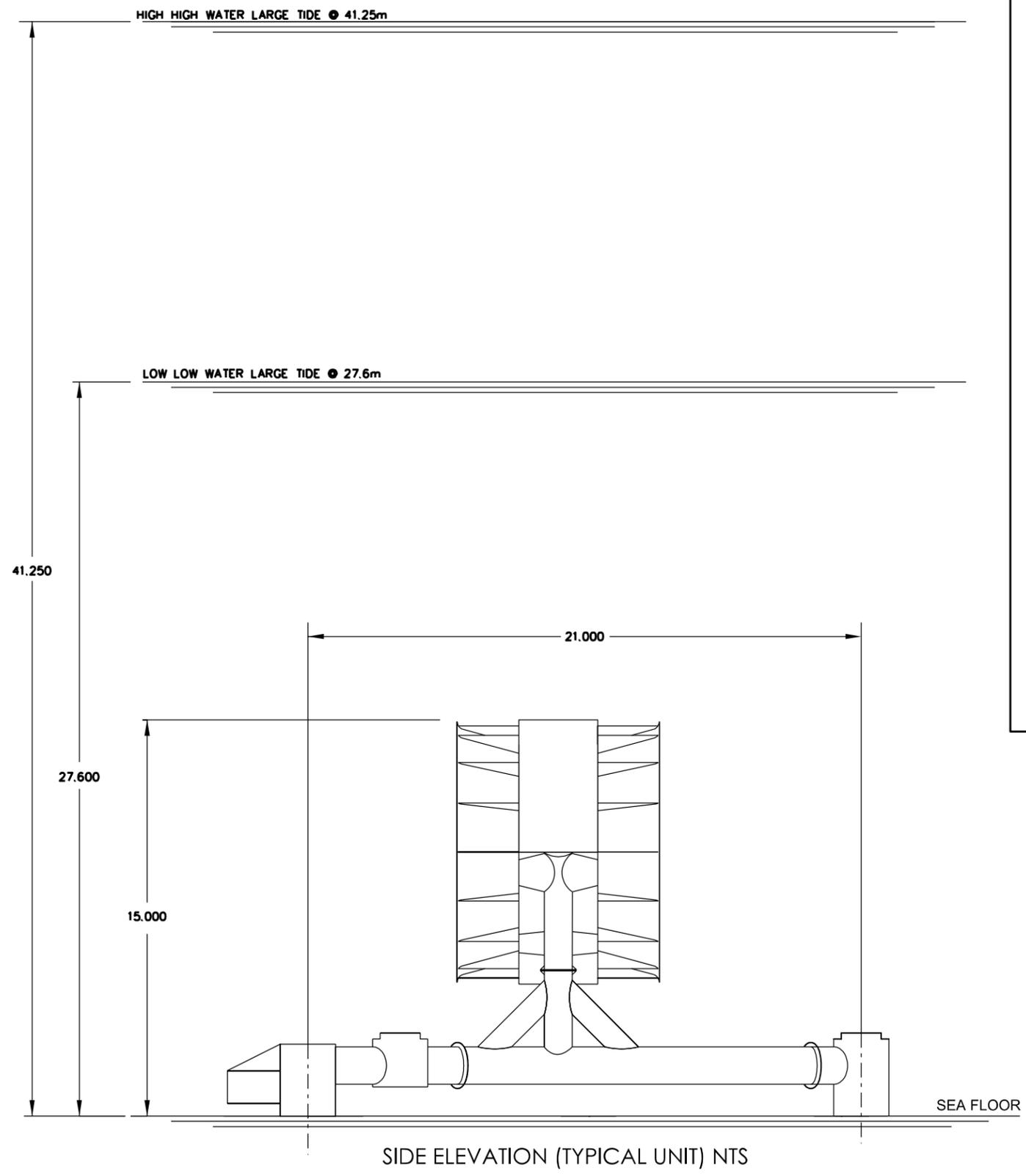
8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1









				DEPARTMENTAL APPROVALS		SCALE	<b>Nova Scotia Power Inc.</b> Halifax, Nova Scotia, Canada
						UNITS	
						DESIGNED	MINAS BASIN OPEN HYDRO PLANT
						DRAWN	UNITS TYPICAL
				APPROVED		CHECKED	10m GRAVITY BASE FABRICATION 10m BASE GENERAL ARRANGEMENT HYDRAULIC GRADIENT - SIDE ELEVATION
				DATE .....		CHECKED	
						DATE	H 0 9 0 N 0 2 4 2 2 5 4 0 0 2
						W.O.	
REFERENCE DRAWINGS	DWG. NO.					SYSTEM-SOFTWARE -	VERSION -
						DWG.NO. REV A	

