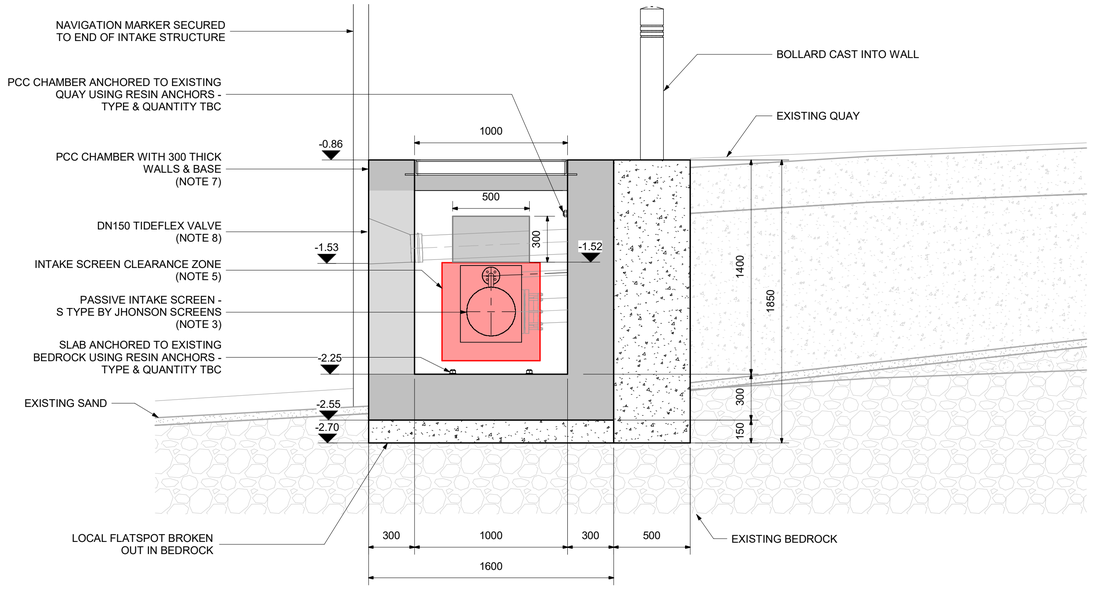
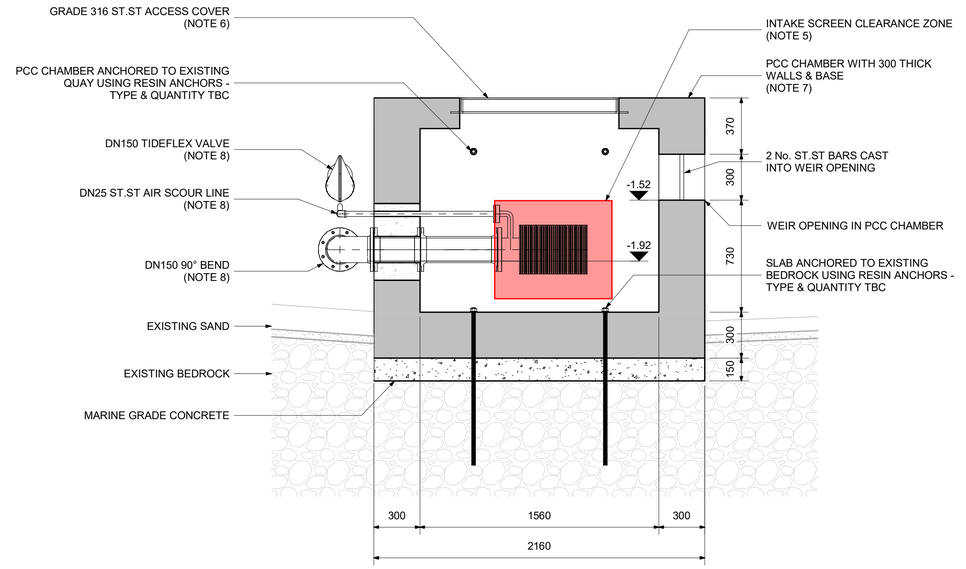
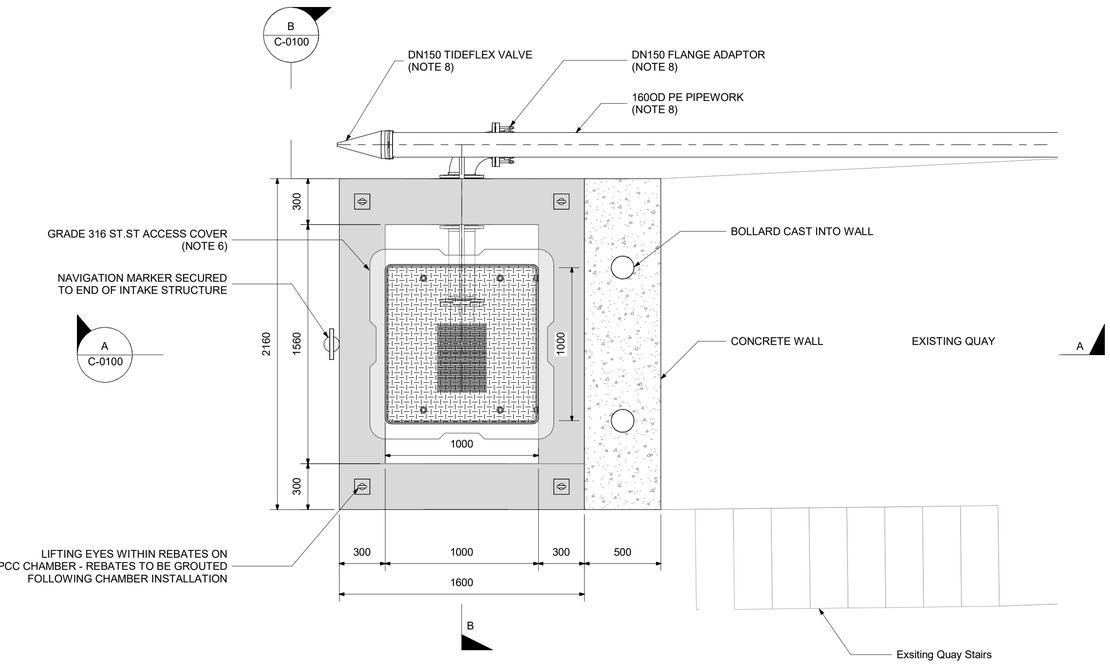


SECTION A-A
1 : 20

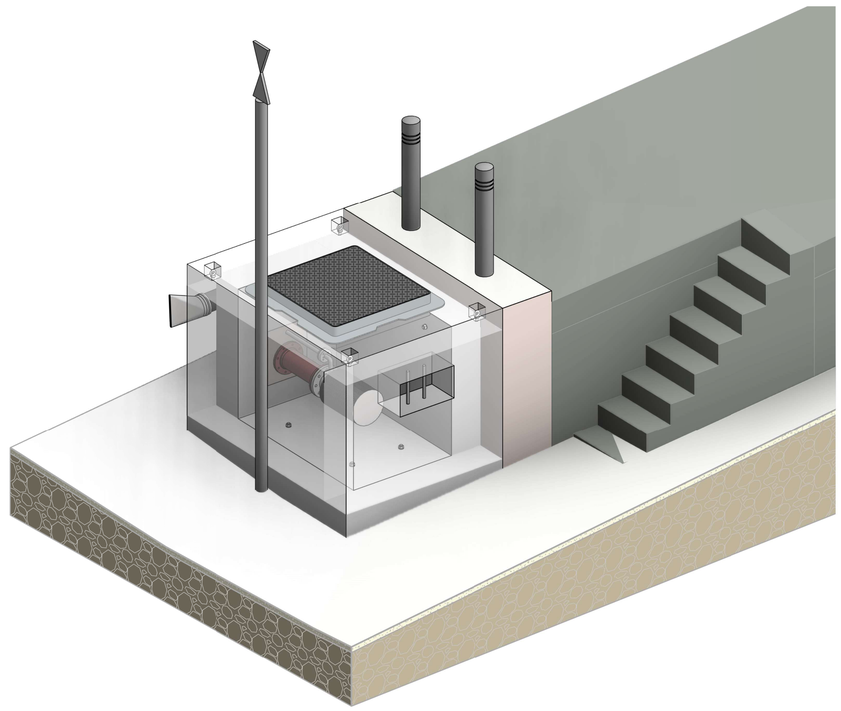


SECTION B-B
1 : 20

LEVELS		
Highest Astronomical Tide	(HAT)	3.39 m OD
Mean Low Water Neap	(MLWN)	-0.91 m OD
Mean High Water Neap	(MHWN)	1.39 m OD
Mean Low Water Springs	(MLWS)	-2.21 m OD
Mean High Water Spring	(MHWS)	2.79 m OD
Lowest Astronomical Tide	(LAT)	-2.82 m OD



PLAN
1 : 20



INTAKE CHAMBER ISOMETRIC

NOTES

1. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METERS ABOVE ORDNANCE SURVEY DATUM (ST MARYS)
2. THESE DRAWINGS ARE FOR OUTLINE DESIGN ONLY. ALL DETAILS, ARE TO BE CONFIRMED BY THE DETAILED DESIGNER. ANY STRUCTURAL OR GEOTECHNICAL DETAILS ARE PROVIDED ON THE BASIS OF ENGINEERING JUDGEMENT ONLY AT THIS STAGE.
3. THE PASSIVE SCREEN DOES NOT REQUIRE ANY SUPPORT. THE SCREEN IS SUPPORTED BY THE MOUNTING FLANGE, WITH LOADS TRANSFERRED TO THE PIPE.
4. THE MASS OF THE REINFORCED CONCRETE PCC STRUCTURE (WALLS + BASE) = 8.44 TONNES.
5. CLEARANCE ZONE AROUND INTAKE SCREEN AS PER SUPPLIERS INSTRUCTIONS FOR DETAILS SEE QUOTATION - 107780-PEF-WI-XX-TQU-M-0001.
6. THE FINAL COVER SELECTION IS TO BE AGREED FOLLOWING DEVELOPMENT AND DISCUSSION.
7. THICKNESS OF PCC CHAMBER WALLS AND FLOOR TBC BY SUPPLIER.
8. PROTECTION OF PIPEWORK TO BE AGREED AT A LATER STAGE.

REFERENCE DRAWINGS

JHONSON SCREEN QUOTATION 107780-PEF-WI-XX-TQU-M-0001

ADMIRALTY TIDE TABLE (ATT) VOLUME 1 (FOR 2010)

BATHYMETRIC CONTOURS GEBCO

0m 0.4m 0.8m 1.2m 1.6m 2m

SCALE 1:20 @ A1

REV	DESCRIPTION	DRN	DSN	CHK	APP	DATE
P01	FOR REVIEW & COMMENT	NZ	LMC	CJ	RN	19/06/24

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Project Status: OUTLINE DESIGN

Project: ISLES OF SCILLY CAPITAL DELIVERY PROGRAMME

Drawing Title: ST MARTINS INTAKE & OUTFALL CHAMBER GENERAL ARRANGEMENT

Drawing Status: FOR REVIEW & COMMENT

	Name	Date
Drawn	N.Zaman	19/06/24
Designed	L.Chinnock	19/06/24
Eng Chk	C.James	19/06/24
Approved	R.Newell	19/06/24

Status Code: S3
Scale: 1:100
Revision: P01

Drawing No.: 107780-PEF-WI-100-DDR-C-0100