

Safety, Health and Environment information

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant risks

Construction

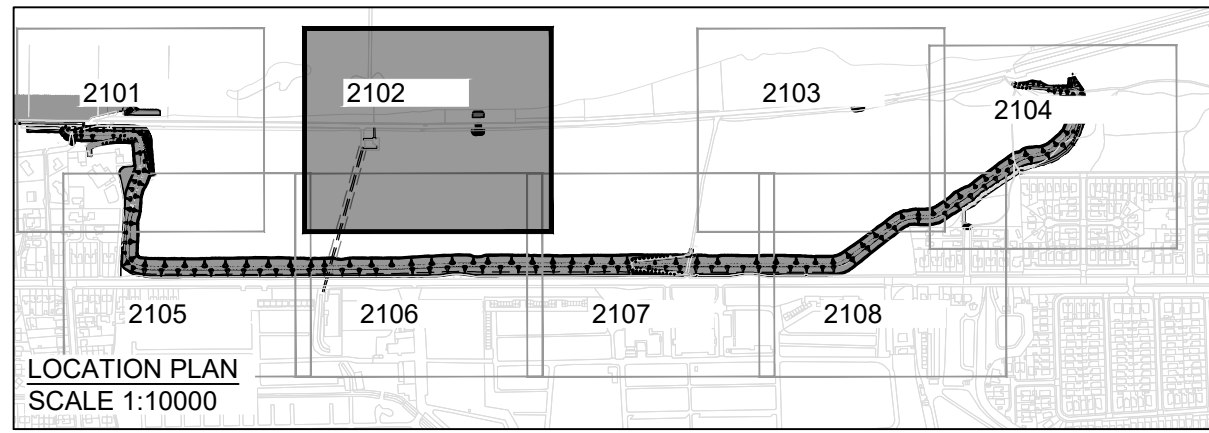
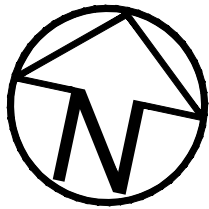
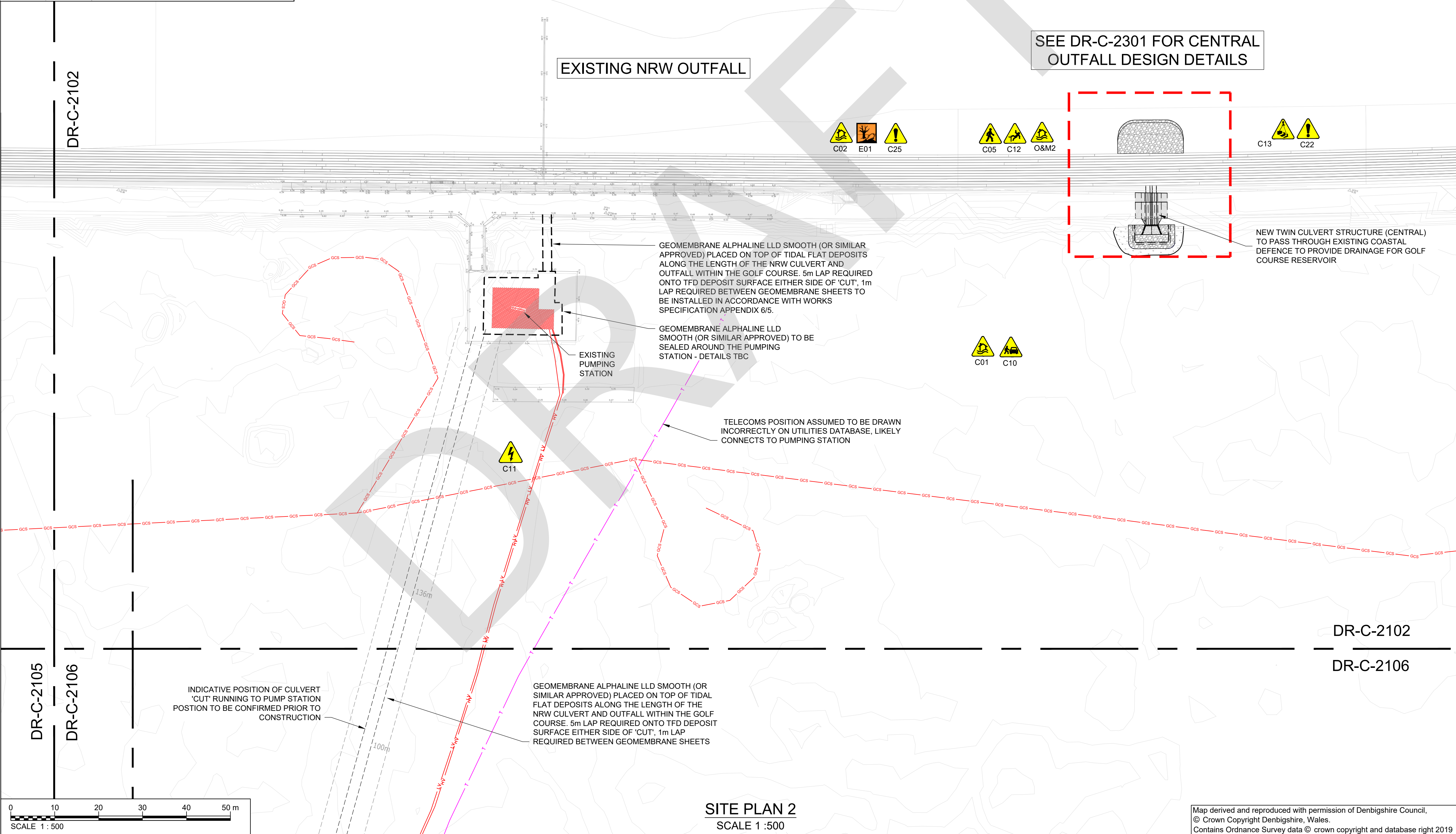
C01		Flood Storage Reservoir
C02		Exposed coastal environment
C05		Public Right of Ways
C10		Interaction of construction works with golf course
C11		Buried services
C12		Working at height
C13		Lifting operations
C22		Sheet pile depth unknown and in poor condition
C25		Very high UXO risk
E01		Damage to flora, fauna and pollution to sea

Operation and Maintenance

O&M2		Breach along existing frontline defence
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Demolition

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SEE DR-C-2301 FOR CENTRAL
OUTFALL DESIGN DETAILS

EXISTING NRW OUTFALL

NEW TWIN CULVERT STRUCTURE (CENTRAL)
TO PASS THROUGH EXISTING COASTAL
DEFENCE TO PROVIDE DRAINAGE FOR GOLF
COURSE RESERVOIR

GEOMEMBRANE ALPHALINE LLD SMOOTH (OR SIMILAR
APPROVED) PLACED ON TOP OF TIDAL FLAT DEPOSITS
ALONG THE LENGTH OF THE NRW CULVERT AND
OUTFALL WITHIN THE GOLF COURSE. 5m LAP REQUIRED
ONTO TFD DEPOSIT SURFACE EITHER SIDE OF 'CUT', 1m
LAP REQUIRED BETWEEN GEOMEMBRANE SHEETS TO
BE INSTALLED IN ACCORDANCE WITH WORKS
SPECIFICATION APPENDIX 6/5.

GEOMEMBRANE ALPHALINE LLD SMOOTH (OR SIMILAR APPROVED) TO BE
SEALED AROUND THE PUMPING
STATION - DETAILS TBC

TELECOMS POSITION ASSUMED TO BE DRAWN
INCORRECTLY ON UTILITIES DATABASE, LIKELY
CONNECTS TO PUMPING STATION

INDICATIVE POSITION OF CULVERT
'CUT' RUNNING TO PUMP STATION
POSITION TO BE CONFIRMED PRIOR TO
CONSTRUCTION

GEOMEMBRANE ALPHALINE LLD SMOOTH (OR
SIMILAR APPROVED) PLACED ON TOP OF TIDAL
FLAT DEPOSITS ALONG THE LENGTH OF THE
NRW CULVERT AND OUTFALL WITHIN THE GOLF
COURSE. 5m LAP REQUIRED ONTO TFD DEPOSIT
SURFACE EITHER SIDE OF 'CUT', 1m LAP
REQUIRED BETWEEN GEOMEMBRANE SHEETS

SITE PLAN 2
SCALE 1 : 500

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General Notes

- All dimensions are shown in millimetres unless otherwise stated and levels are in Ordinance Datum. All co-ordinates are based on Ordinance Datum Newlyn with the OS active network using the geoid model OSGM15.
- Do not scale from this drawing. All dimensions must be checked/verified on site.
- All levels quoted were relevant at the time of survey (October 2020). Levels and setting out should be checked by the site engineer to ensure the quoted levels are still relevant at the time of construction.
- All works on the coast will be carried out with care to minimise the risk of pollution adhering to Pollution Prevention Guidelines.
- All works affecting flood defences, main watercourses and/or ordinary watercourses will be subject to Consent for Permanent and Temporary Works under the Land Drainage Act 1991.

Services Key:

EHV	220kV Elec HV
HV	Elec HV
LV	Elec LV
SW	Surface Water
W	Water
G	Gas
FW	Foul Water Sewer
CS	Combined Sewer
T	Telecom
GCS	Golf Course services irrigation system
	GCS Water mains to storage pond

Key:

AZ12-700 sheet piles installed in jagged
arrangement within sand chimney.

UTILITY SERVICES INVESTIGATION GAUGE TO PAS 128

	TYPE D: DESK STUDY
	TYPE C: DESK STUDY AND SITE RECONNAISSANCE
	TYPE B: DESK STUDY WITH SITE RECON AND UTILITY DETECTION SURVEY
	TYPE A: DESK STUDY WITH SITE RECON, UTILITY DETECTION SURVEY & TRIAL HOLES

TYPE D	TYPE C	TYPE B	TYPE A
12/10/2020	01/02/2021		

THE POSITION OF ANY EXISTING PUBLIC OR PRIVATE SEWERS, UTILITY SERVICES, PLANT OR APPARATUS SHOWN ON THIS DRAWING HAS BEEN OBTAINED FROM STATUTORY RECORDS. THE INFORMATION SHOWN IS BELIEVED TO BE CORRECT BUT NO WARRANTY TO THIS IS EXPRESSED OR IMPLIED. OTHER SUCH PLANT OR APPARATUS MAY ALSO BE PRESENT BUT NOT SHOWN. INVESTIGATIONS SHOULD BE UNDERTAKEN ON SITE CONFIRMING LOCATIONS BEFORE BREAKING GROUND.

P05	Comments	Issued for costing and review								
Rev.:	Date	13/08/21	Drawn	POD	Designed	JST	Checked	DW	Approved	AT
P04	Comments	Detailed design for review								
Rev.:	Date	28/06/21	Drawn	RG	Designed	MA	Checked	IJ	Approved	AT
P03	Comments	BB comments addressed for planning								
Rev.:	Date	19/03/21	Drawn	RG	Designed	AF	Checked	DW	Approved	AT
P02	Comments	For planning								
Rev.:	Date	19/02/21	Drawn	RG	Designed	AF	Checked	DW	Approved	AT
Client Approval										
A - Approved										
B - Approved with Revisions										
C - Do Not Use										
Purpose of Issue									Status	
Draft for pricing									S3	



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CENTRAL PRESTATYN COASTAL DEFENCES SCHEME

SITE PLAN 2
SHEET 2 OF 8

for



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Scale:					As shown @ A1					
Project Reference: CP-JBA-01-00-DR-C-2102-Site_Plan_2_Sheet_2_of_8					Drawing Number: CP-JBA-01-00-DR-C-2102					
Revision					P05					