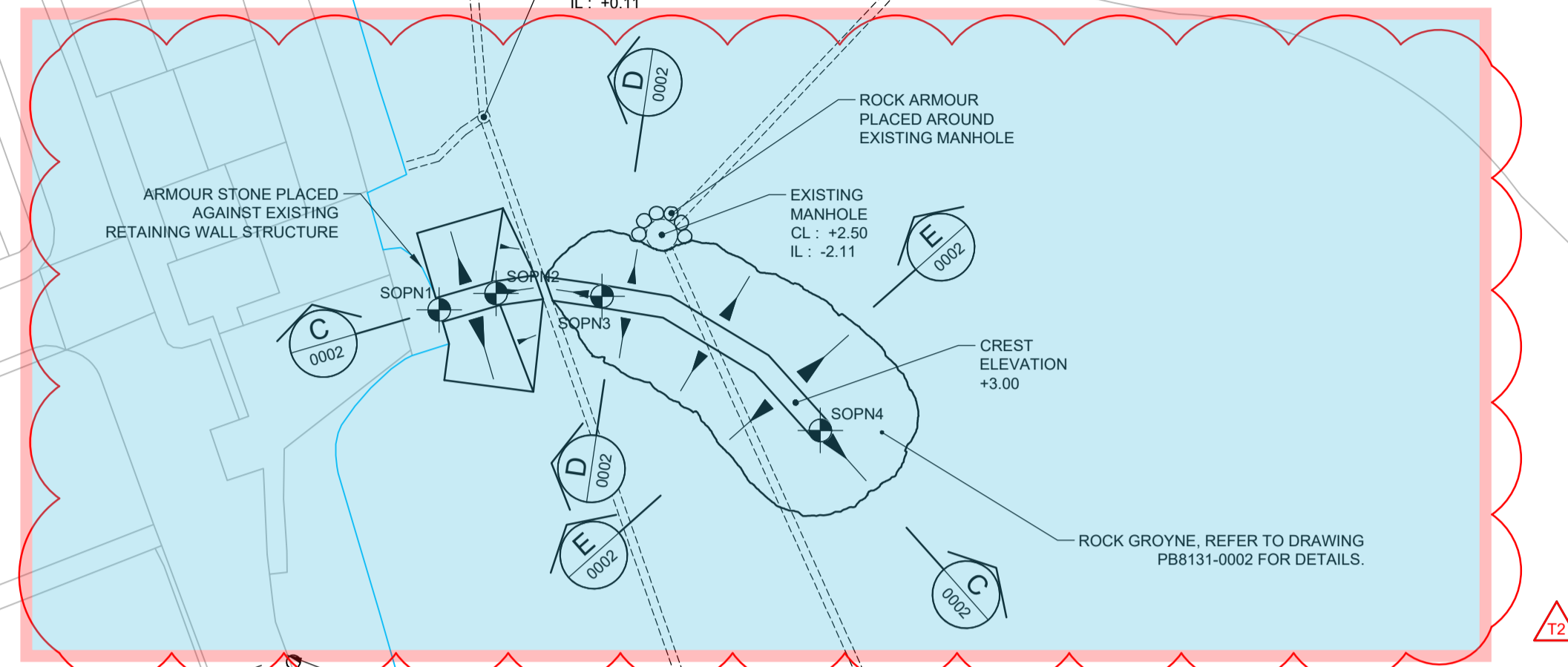


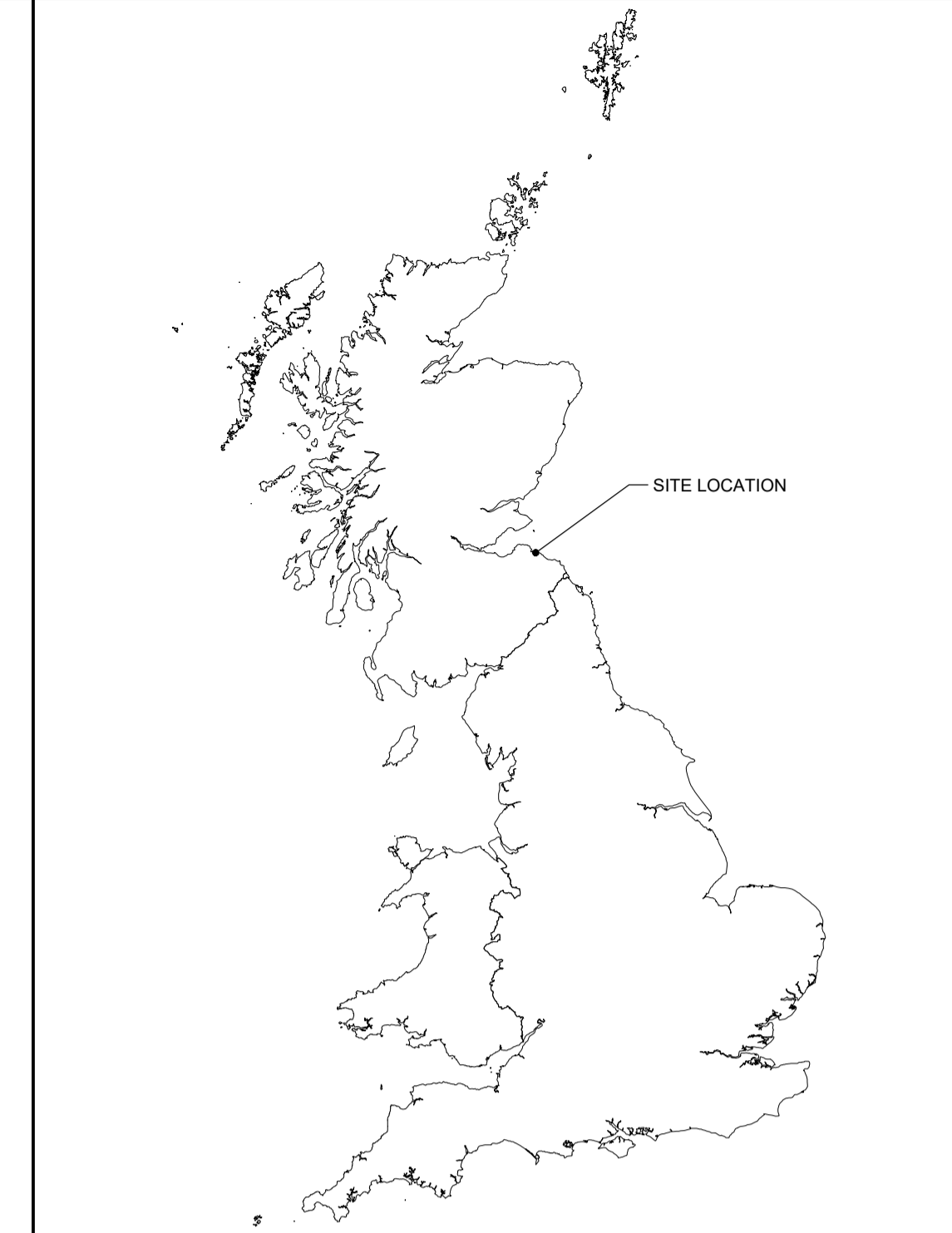
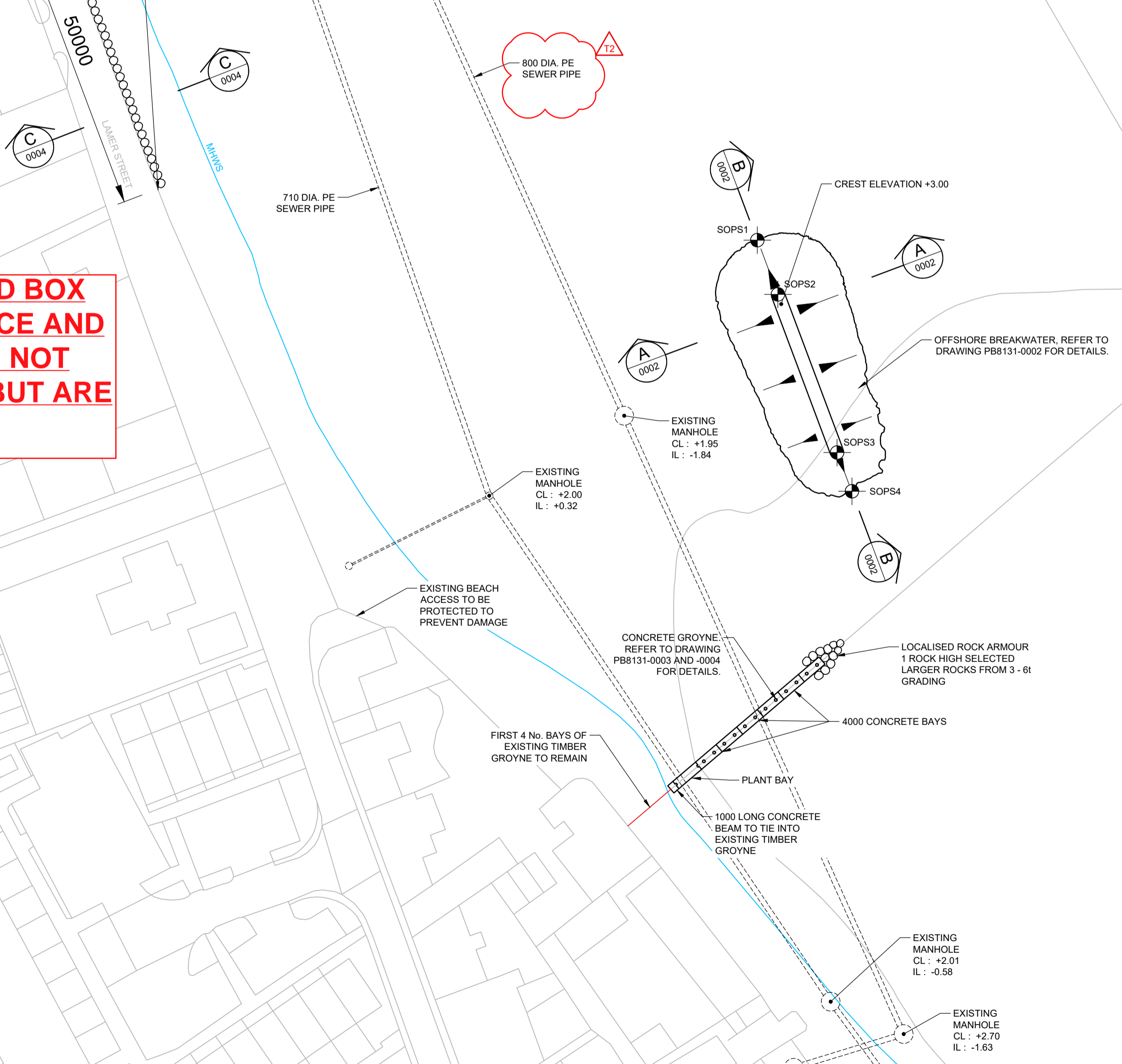


**PROPOSED NORTHERN BREAKWATER SHOWN BY THE RED BOX (SUBJECT OF THIS MARINE LICENCE APPLICATION)**



SINGLE LINE OF 3-6t ARMOUR STONES 50m LONG PLACED AGAINST THE TOE OF THE EXISTING WALL EXISTING STONES TO BE REMOVED AND REPOSITIONED ON TOP OF NEW STONE EXACT POSITIONS TO BE AGREED WITH PROJECT MANAGER

**ALL WORKS OUTSIDE OF THE RED BOX ALREADY HAVE A MARINE LICENCE AND PLANNING PERMISSION AND ARE NOT INCLUDED IN THIS APPLICATION (BUT ARE SHOWN FOR CONTEXT)**



LOCATION PLAN NOT TO SCALE

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  - ALL LEVELS ARE IN METRES RELATIVE TO ORDANCE DATUM UNLESS NOTED OTHERWISE.
  - EXISTING SERVICES AND STRUCTURES TO BE PROTECTED AGAINST DAMAGE.
  - ALL MATERIAL AND WORKMANSHIP WILL BE AS DEFINED IN THE SPECIFICATION UNLESS NOTED OTHERWISE.
  - INDICATIVE SETTING OUT POINTS ARE PROVIDED. EXACT LOCATIONS TO BE CONFIRMED ON SITE WITH THE SITE SUPERVISOR.

- ESTIMATED ROCK QUANTITIES:**
- OFFSHORE BREAKWATER - 1200m<sup>3</sup> / 2,050 TONNES
  - ROCK GROUYNE - 950m<sup>3</sup> / 1,600 TONNES
  - TOE OF CONCRETE GROUYNE - 12m<sup>3</sup> ROCKS
  - TOE OF SEAWALL - 50m<sup>3</sup> ROCKS

**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 RESIDUAL RISKS:

**CONSTRUCTION**

- ACCESS TO SITE ALONG NARROW PUBLIC ROADS.
- LIFTING OPERATIONS.
- DRILLING AND FIXING DOWELS.
- CONCRETE - MARINE POLLUTION.
- STABILITY OF EXISTING SEA WALL.
- WORKING WITHIN THE INTERTIDAL ZONE.
- SERVICES.
- INTERFACE WITH PUBLIC.

**MAINTENANCE/CLEANING/OPERATION**

- AS ABOVE.

**DECOMMISSIONING/DEMOLITION**

- AS ABOVE.

**KEY**

SETTING OUT POINT

SOP	EASTING (m)	NORTHING (m)
S1	382200.793	678904.698
S2	382203.843	678896.670
S3	382212.609	678873.257
S4	382214.805	678867.522
N1	382108.010	678989.866
N2	382113.073	678991.338
N3	382122.522	678991.073
N4	382141.982	678979.117

**TENDER**

**NOT FOR CONSTRUCTION**

REV	DATE	DESCRIPTION	BY	CHK	APP
T2	25/11/2019	FOR TENDER	CC	MJP	SB
T1	15/06/2019	FOR TENDER	CC	MJPGM	NJC

**REVISIONS**

CLIENT

East Lothian Council  
Dunbar Shore and Harbour Neighbourhood Group

PROJECT

**DUNBAR EAST BEACH SEA DEFENCE PROJECT**

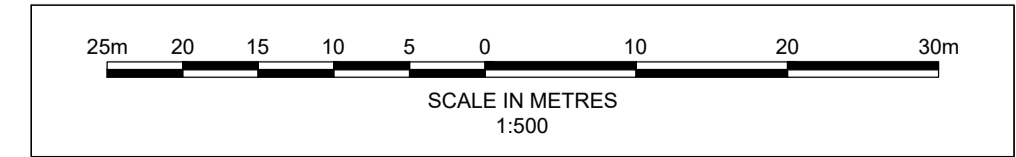
TITLE

**GENERAL ARRANGEMENT**

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Enhancing Society Together

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Tel +44(0)131 5550506  
Email info@rhdhv.com  
Website www.royalhaskoningdhv.com

DRAWN	CC	CHECKED	MJP / PGW	PASSED	NJC
DATE	APR 2019	CLIENT'S REF.			
SCALE AT A1	AS SHOWN	AUTOCAD REF.	PB8131-0001		
DRAWING No.	PB8131-0001	SUITABILITY	D2	REVISION	T2



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