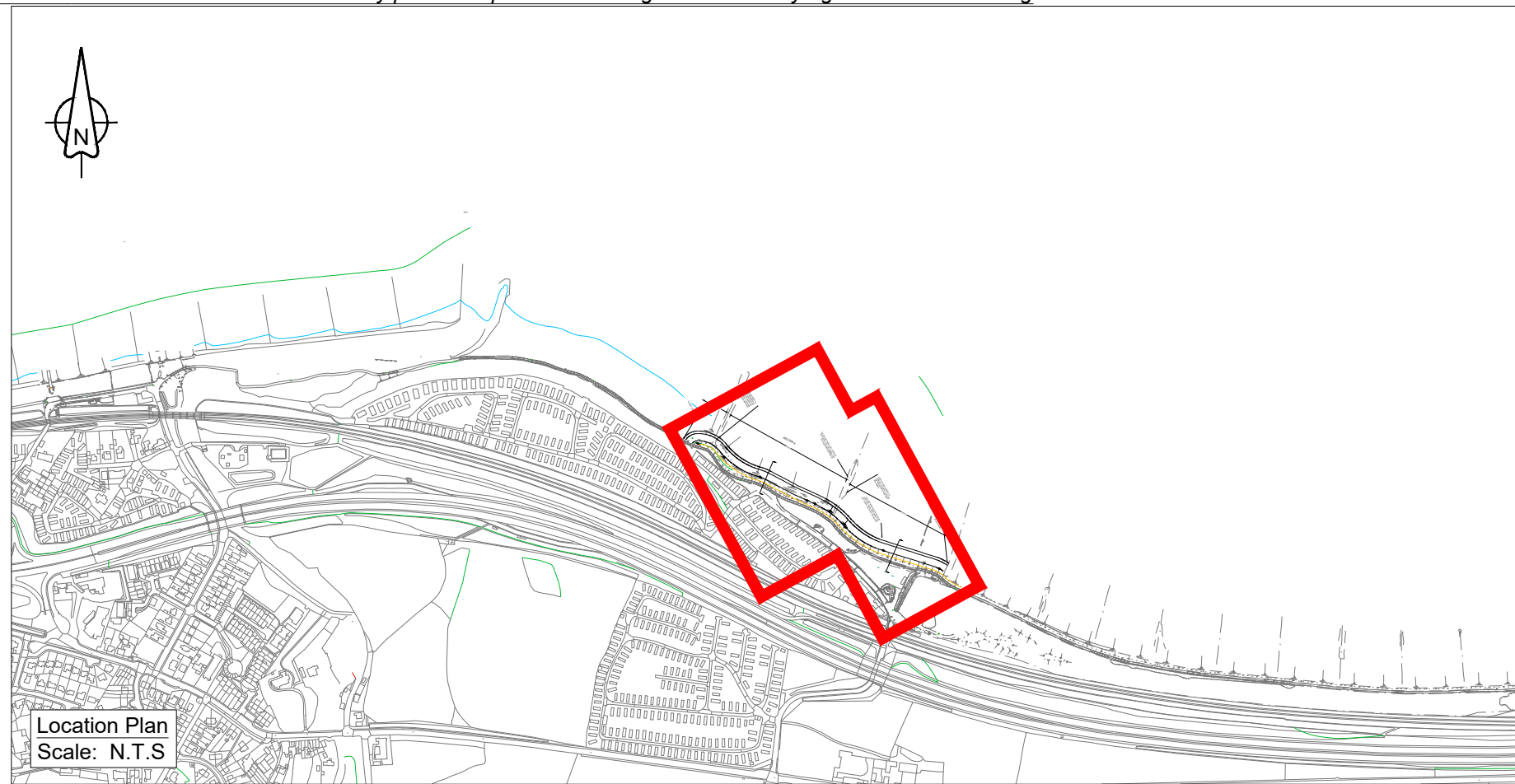




Location Plan
Scale: N.T.S

Key:

- Welsh Water - Gravity Sewer
- Welsh Water - Rising Main
- Roack Armour
- Raised Embankment
- Cycle Lane
- Setting Out Points (SOP)

SETTING OUT TABLE

POINT No.	Easting	Northing	Level
SOP101	291426.187	378543.758	6.720
SOP102	291447.819	378537.336	6.720
SOP103	291476.870	378509.897	6.720
SOP104	291547.984	378475.286	6.720
SOP105	291590.822	378454.882	6.720
SOP106	291635.806	378418.304	6.720
SOP107	291662.846	378399.563	6.720
SOP108	291759.950	378366.673	6.720

SECTION A

183000

SECTION B

169000

NOT FOR
CONSTRUCTION

P01.2	For Marine License Application	DF	WM	NT	26/09/22
Rev	Revision details	Drwn	Chkd	Appd	Date
Designed:	JST	Date:	20/05/22		
Drawn:	DF	Date:	25/05/22		
Checked:	WM	Date:	26/05/22		
Approved:	NT	Date:	26/05/22		

ameyconsulting

JBA
consulting

LDĀ DESIGN

Client



Ariennir yn Rhannol gan
Lywodraeth Cymru
Part Funded by
Welsh Government

Project Name

Llanddulas To Kinnel Bay
Coastal Improvements

Drawing Title

Llanddulas Beach Rock Armour
General Arrangement (CMU 3-2B)

Original Drawing Size : A1

Scale : As Shown

Dimensions : -

Drawing Status

WORK IN PROGRESS

Suitability

S3

Drawing No

CH1701-AMEY-HGN-XX-DR-CH-2501

Rev

P01.2

Zero Code

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To report a CDD: 0844 701 65 15



RESIDUAL DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

- Take care when placing rock material
- Risk of damage to existing structures
- Proximity to railway track
- Unknown services
- Pollution of sea during construction works

NOTES

- Do not scale off this drawing.
- Refer to dwg Nos. CH1701-AMEY-HGN-XX-DR-CH-2502, CH1701-AMEY-HGN-XX-DR-CH-2503, CH1701-AMEY-HGN-XX-DR-CH-2504 for typical sections.
- All works in watercourses shall be carried out with care to minimise the risk of pollution adhering to the guidance for pollution prevention.
- All dimensions are specified in millimetres/meters and levels are in meters above ordnance datum.
- Any discrepancies shall be noted immediately to the supervisor.
- The location of any services shown on this drawing are approximate and for guidance only.
- Primary armourstone to be sourced from standard European Grading 3-6t and secondary armourstone (filter layer) to be sourced from standard European Grading 0.3-1t in accordance with BS EN 13393-1:2002.
- Rock armour layer thickness based on a source rock density of 2.63t/m3 and surveyed using a highest point survey method. Prior to construction, the contractor shall confirm source material and proposed survey method to Designer to ensure presented dimensions in the drawing are appropriate.
- Existing rock armour to be reused in the filter or lower primary armour layer providing it meets the dimensional requirements outlined in the specification.
- All rock armour units are to be formed such that each layer is keyed into one another with a minimum of 5 points of contact.
- Tie-in details to be confirmed on site prior to construction.
- Details of existing coastal defences unknown, care to be taken when dismantling and excavating around them.
- Surplus rock armour from existing defences to be re-used in the repair and reinstatement of the existing rock groynes.
- Surplus beach arisings to be spread within existing groyne bay.

ROCK ARMOUR REVETMENT TO
TIE INTO EXISTING GROYNES.
EXISTING ROCK TO BE
RE-WORKED TO ENSURE THE
REVETMENT CREST LEVEL AND
WIDTH ARE MAINTAINED.

TIE-IN DETAILS TBC

VP1
Scale: 1:500