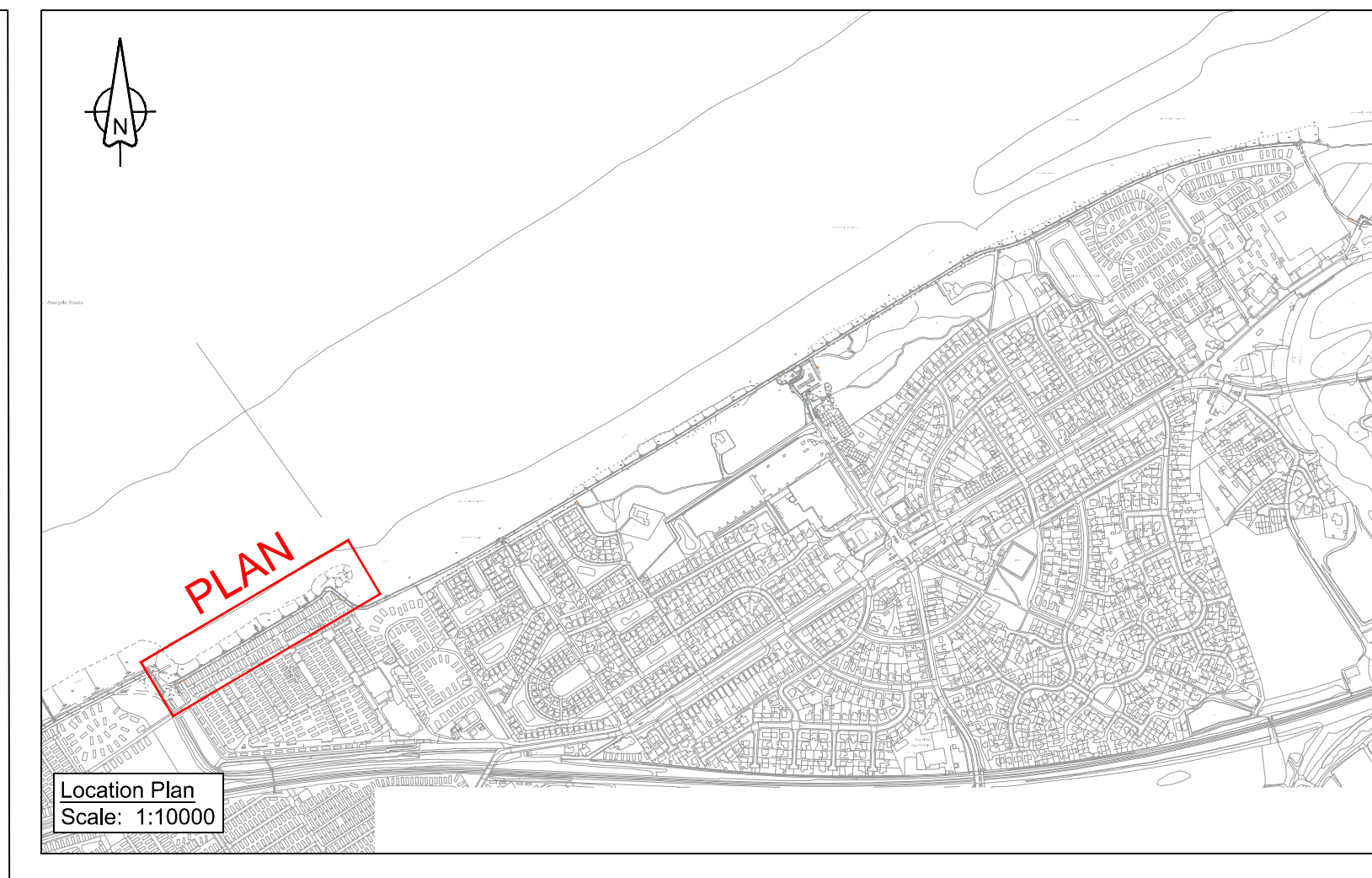
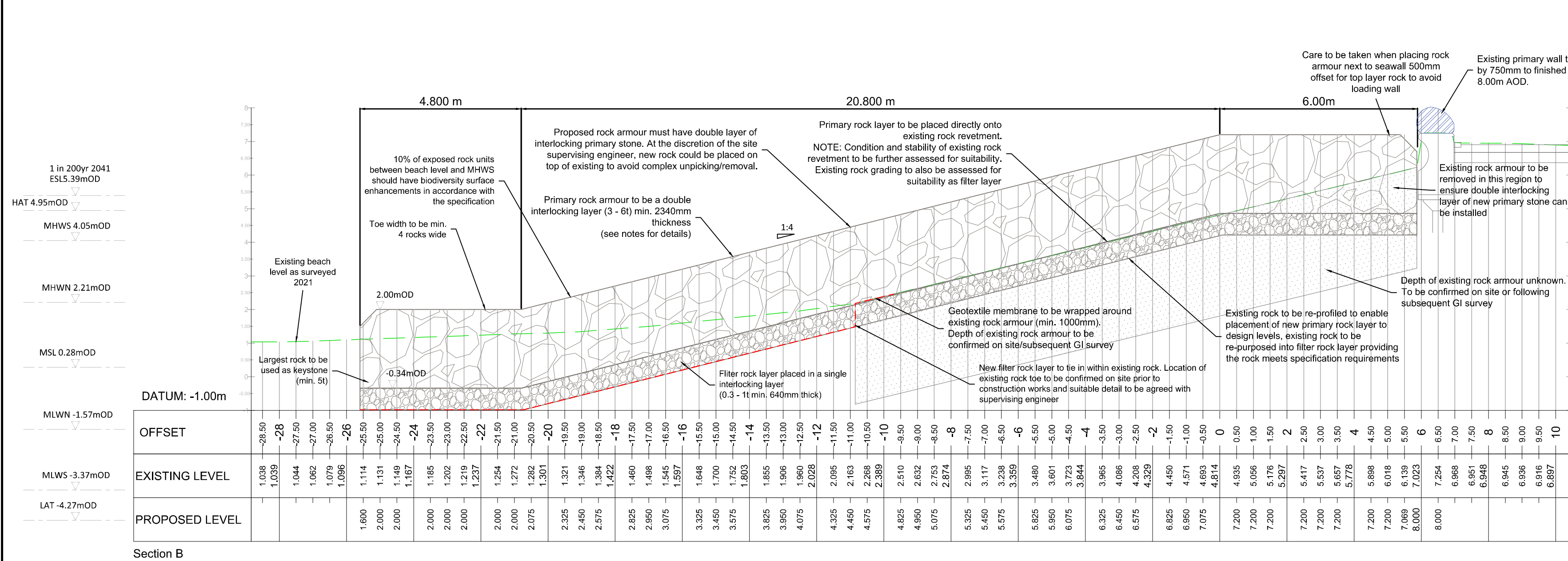
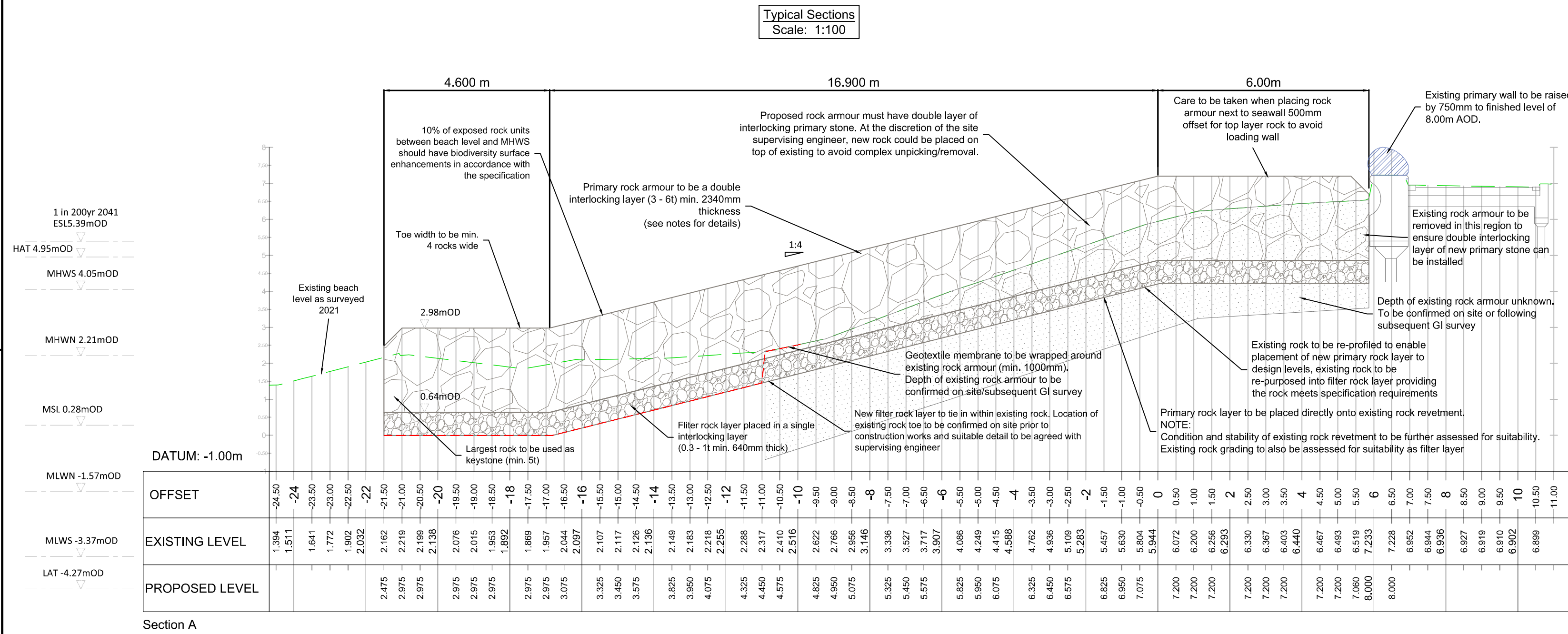
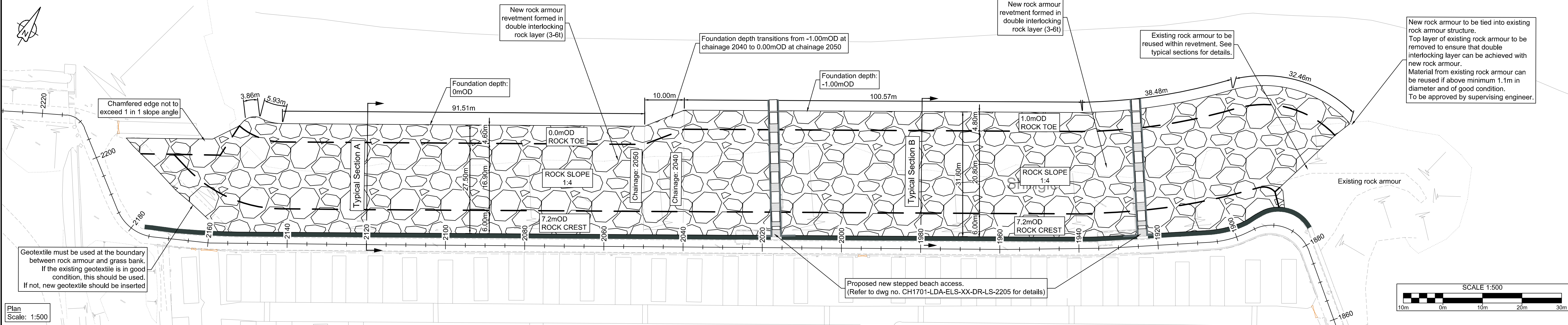




- KEY:
- Existing ground
 - Existing rock armour (depth unknown)
 - Proposed primary wall
 - Proposed primary rock armour
 - Proposed filter rock layer
 - Geotextile membrane
 - Proposed height increase to primary seawall

- NOTES
- All dimensions are specified in millimeters 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.

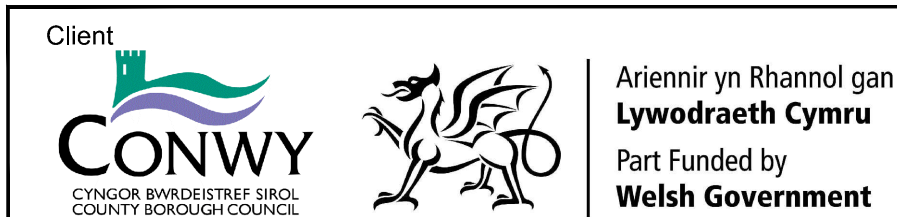
Zero Code
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To report a GSA: 0844 701 6615

- RESIDUAL DESIGN HAZARDS**
(The following information has been collected from Preconstruction Information and the Aney 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

NOT FOR CONSTRUCTION

P01	Issue for planning	DF	WM	NT	26/09/22
Rev	Revision details	Drwn	Chkd	Appd	Date

Designed:	AF	Date:	20/05/22
Drawn:	DF	Date:	25/05/22
Checked:	WM	Date:	26/05/22
Approved:	NT	Date:	26/05/22



Project Name
Kinnel Bay Coastal Defence Improvements Scheme

Drawing Title
Towyn Revetment Rock Armour

General Arrangement

Original Drawing Size :	A1	Scale :	As Shown
Dimensions :	-		

Drawing Status	Suitability
Suitable for information	S2

Drawing No	Rev
CH1701-JBA-HGN-XX-DR-CH-2511	P01