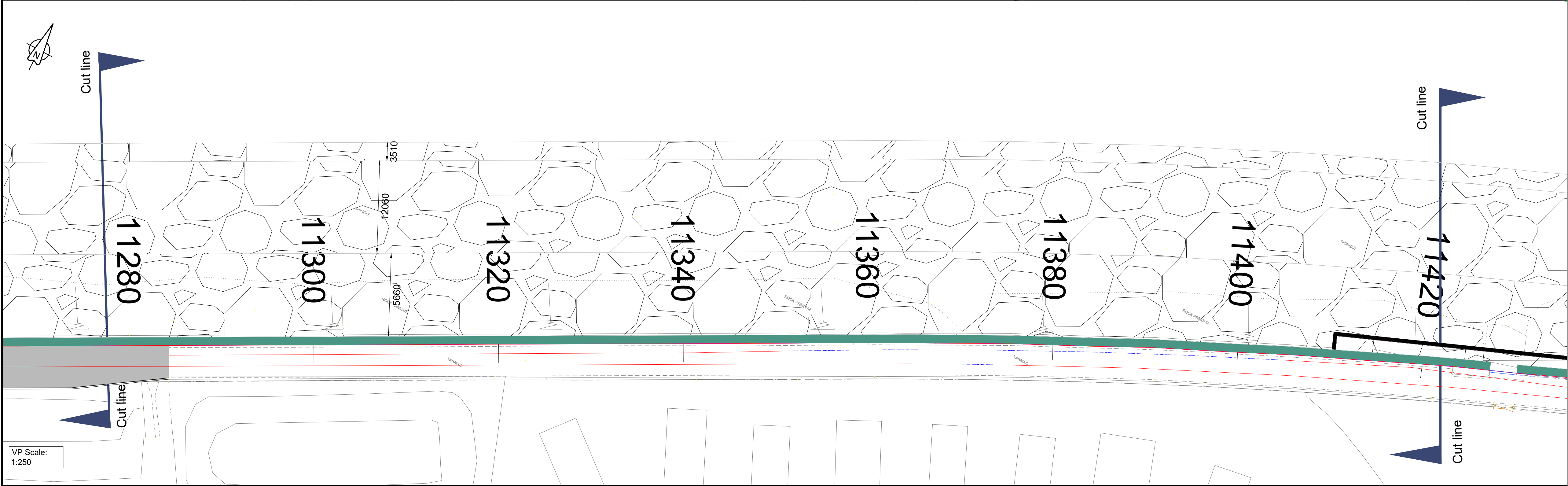
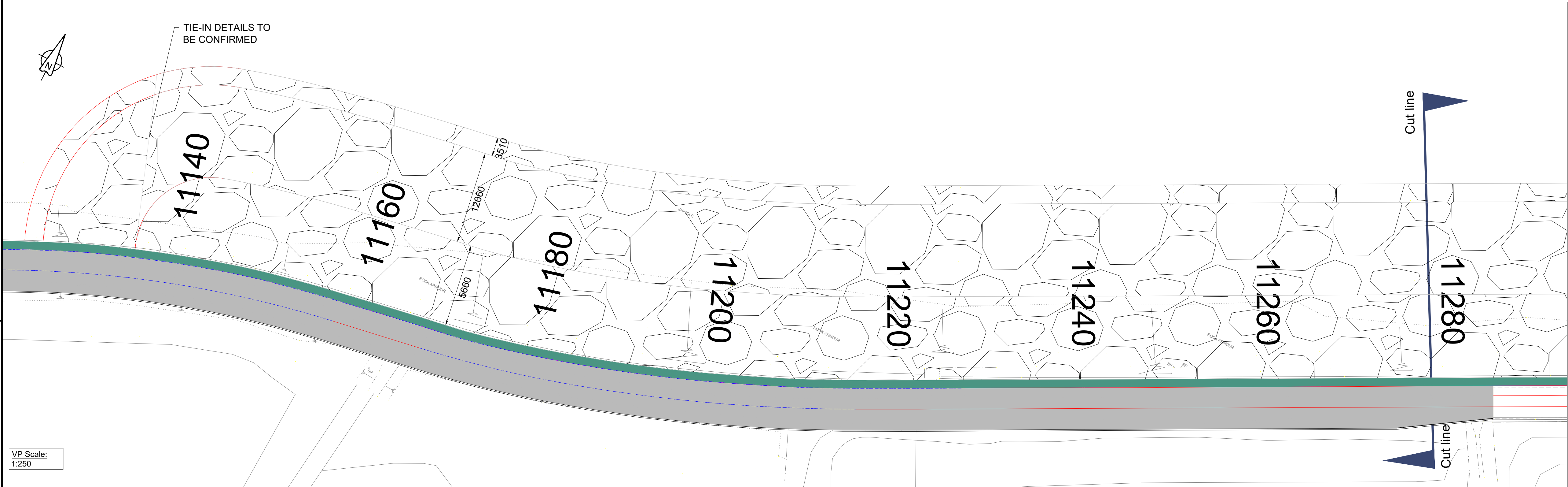
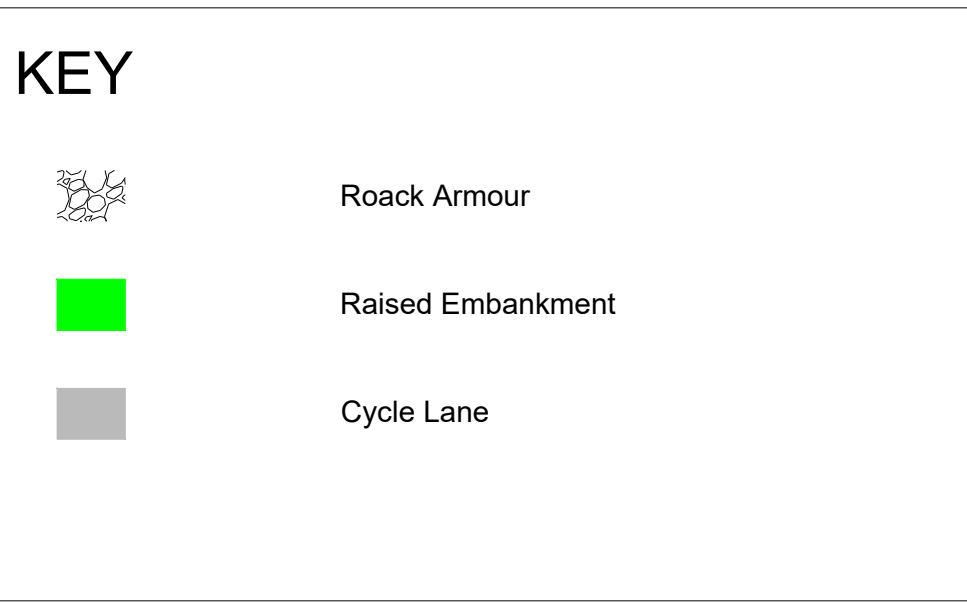
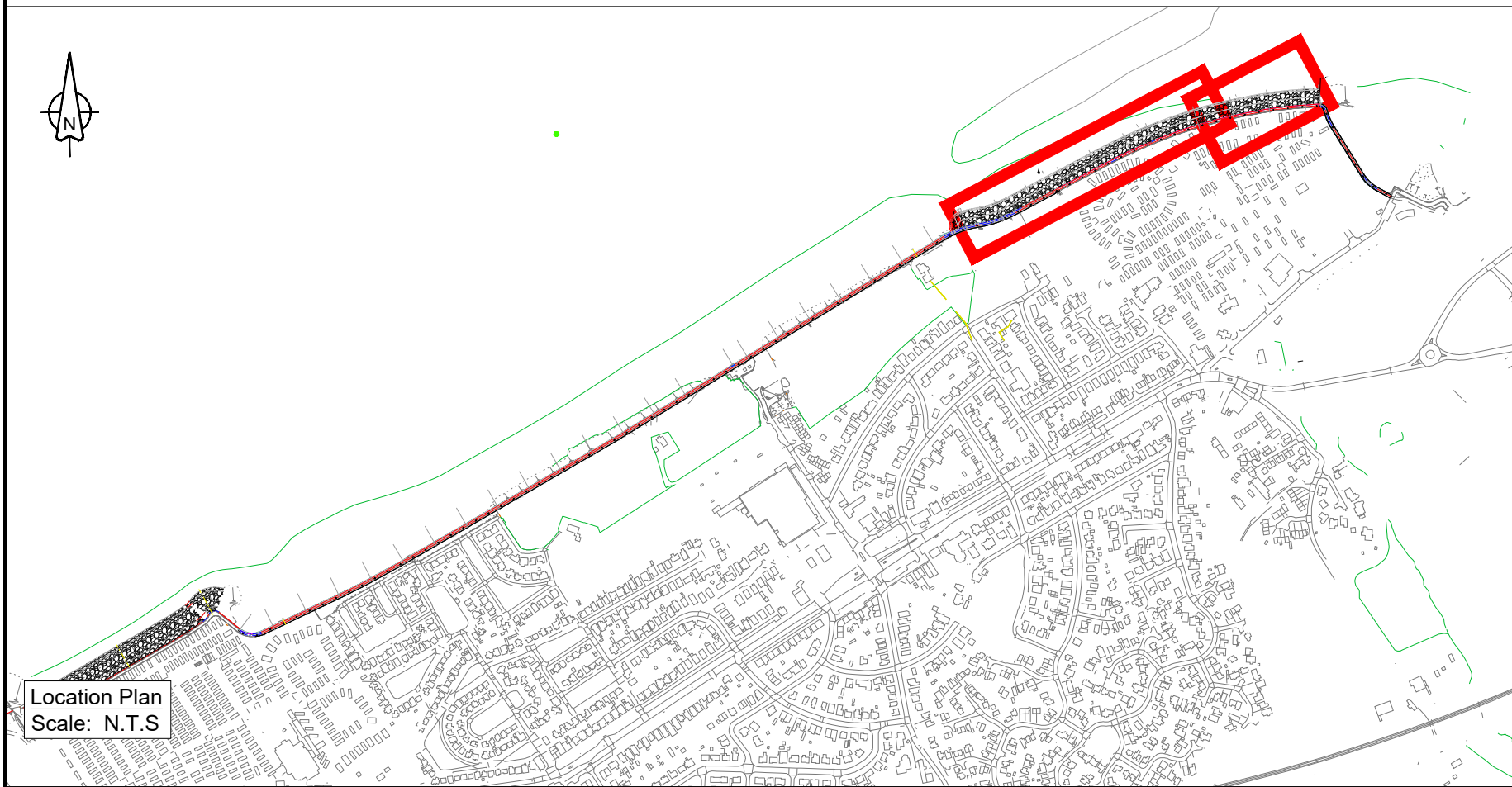




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RESIDUAL DESIGN HAZARDS
(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

- 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-2514 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 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.

NOT FOR CONSTRUCTION

P01.1	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

Ariennir yn Rhannol gan
Lywodraeth Cymru
Part Funded by
Welsh Government

Project Name
**Llanddulas To Kinnel Bay
Coastal Improvements**

Drawing Title
**Kinnel Bay Rock Armour (Eastern)
General Arrangement (CMU 3-5C)
Sheet 1 of 2**

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

Drawing Status WORK IN PROGRESS	Suitability S3
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Drawing No CH1701-AMEY-HGN-XX-DR-CH-2513-01	Rev P01.1
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