



TYPICAL TIE-IN SECTION
 SCALE 1:50
 SEE DRAWING NUMBER: CCD-JBAU-00-11-DR-C-1101 - 1105

| 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 | | |
| CON2 | | Works in an exposed and tidal environment |
| CON3 | | Soft and muddy coastal foreshore |
| CON6 | | Excavation works stability |
| CON7 | | Lifting operations |
| CON13 | | Public interface |
| CON29 | | Overhead hi-voltage cables |
| CON30 | | Buried utilities / infrastructure |
| Operations & Maintenance | | |
| O&M1 | | Overtopping risk |
| O&M4 | | Erosion due to loss of vegetation cover |
| Environment | | |
| ENV8 | | Exposing tip waste |
| ENV9 | | Movement of tip waste into dynamic environment |
| ENV10 | | Environmental designations affecting works |

- General Notes**
- All dimensions are shown in millimetres unless otherwise stated and levels are in metres to Ordnance Datum.
 - Do not scale from drawings.
 - Works and working methods shall conform with all relevant permits and adhere to the pollution prevention guidelines.
 - Drawings shall be read in conjunction with the project specification.
 - Levels and contours shown on the drawings are taken from the DTM provided by Future Aerial following their Drone Survey in 2016.
 - Beach levels may vary from those shown due to natural coastal processes.
 - For information relating to utilities, refer to utility plans and sections. See drawing list for complete list of drawings.
 - Cut / fill sections are taken from the project 3D model. For full construction details refer to the relevant typical sections.
 - See drawings CCD-JBAU-00-11-DR-C-1150 and CCD-JBAU-00-11-DR-C-1151 for typical sections.
 - See drawings CCD-JBAU-00-11-DR-C-1101 to 1106 for setting out points, setting out point tables are found in drawings CCD-JBAU-00-11-DR-C-1106 to 1108.

| SYMBOL | ABBREVIATION |
|--------|----------------------------|
| | ROCK ARMOUR |
| | FILL (SEE TYPICAL SECTION) |
| | TOPSOIL |

NOT FOR CONSTRUCTION

| Comments | | | | | |
|-----------------------------|------|-------|----------|---------|----------|
| Rev.: | Date | Drawn | Designed | Checked | Approved |
| Comments | | | | | |
| Rev.: | Date | Drawn | Designed | Checked | Approved |
| Comments | | | | | |
| Rev.: | Date | Drawn | Designed | Checked | Approved |
| Client Approval | | | | | |
| A - Approved | | | | | |
| B - Approved with Revisions | | | | | |
| C - Do Not Use | | | | | |
| Purpose of Issue | | | | | Status |
| Detailed Design for Comment | | | | | S1 |

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CARDIFF COASTAL DEFENCES

ROCK ARMOUR TIE-INS
 TYPICAL SECTIONS
 LOCATION 11 SHEET 2 OF 2

for

CARDIFF
CAERDYDD

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|--------------------|--------------------------|-----------------|
| Scale: | Drawn: S. Connery | 17/05/21 |
| | Designed: D. Potts | 17/05/21 |
| As shown @ A1 | Checked: G. Kenn | 17/05/21 |
| | Approved: G. Kenn | 17/05/21 |
| Digital File Name: | CCD-JBAU-00-11-DR-C-1151 | |
| Drawing Number: | CCD-JBAU-00-11-DR-C-1151 | Revision P01 |