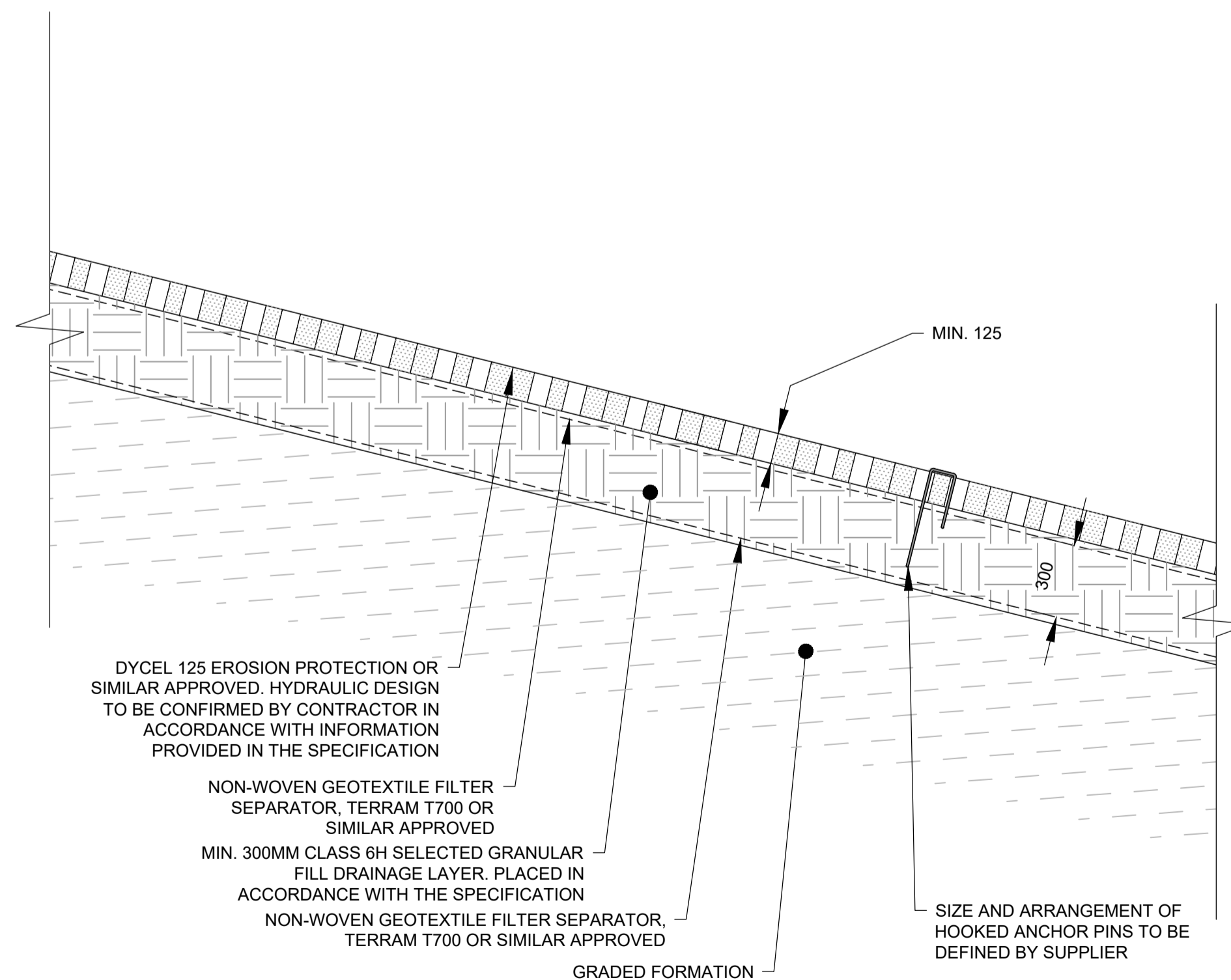
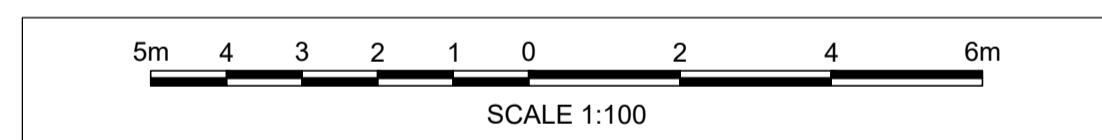
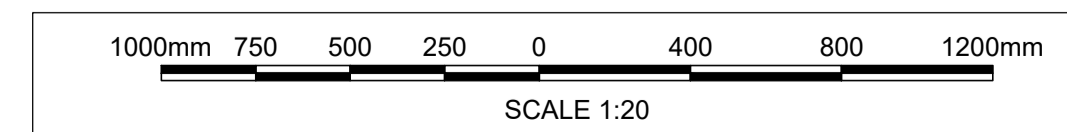


TYPICAL SECTION
SCALE 1:100



DETAIL A
SCALE 1:20



| 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 | | |
| CON4 | | Soft ground |
| CON5 | | Excavation works stability |
| CON8 | | Lifting operations |
| CON13 | | Public access |
| CON28 | | Working in/near water |
| CON29 | | Drainage outfall |
| Operations & Maintenance | | |
| O&M5 | | Alterations to navigated watercourse |
| Environment | | |
| ENV8 | | Exposing tip waste |
| ENV9 | | Movement of tip waste into dynamic environment |

General Notes

- All dimensions are shown in millimetres unless otherwise stated and levels are in metres to Ordnance Datum.
- Do not scale from drawings.
- For information relating to utilities refer to utility plans and sections.
- Contains Ordnance Survey data © Crown copyright and database right 2020.
- Levels and contours shown on drawing are taken from the DTM provided by Future Aerial following their Drone Survey in 2016.
- Drawings shall be read in conjunction with the project specification.
- River levels may vary from those shown due to natural fluvial processes.
- Works and working methods shall conform with all relevant permits and adhere to the pollution prevention guidelines

| Legend | Dycel blocks | Graded formation | Brushwood |
|--------|--------------|------------------|-----------|
| | | | |
| | | | |

| UTILITY SERVICES INVESTIGATION GAUGE TO PAS 128 | | | | |
|---|--|--------|--------|--|
| | TYPE D: DESK STUDY | | | |
| | TYPE C: DESK STUDY AND SITE RECONNAISSANCE | | | |
| | TYPE B: DESK STUDY WITH SITE RECON AND UTILITY DETECTION SURVEY | | | |
| | TYPE A: DESK STUDY WITH SITE RECON, UTILITY DETECTION SURVEY & TRIAL HOLES | | | |
| TYPE D | TYPE C | TYPE B | TYPE A | |
| 02/04/19 | | | | |

THE POSITION OF ANY EXISTING PUBLIC OR PRIVATE SEWERS, UTILITY SERVICES, PLANT OR APPARATUS SHOWN ON THIS DRAWING HAS BEEN OBTAINED FROM STATUTORY RECORDS. THE INFORMATION SHOWN IS BELIEVED TO BE CORRECT BUT NO WARRANTY TO THIS IS EXPRESSED OR IMPLIED. OTHER SUCH PLANT OR APPARATUS MAY ALSO BE PRESENT BUT NOT SHOWN. INVESTIGATIONS SHOULD BE UNDERTAKEN ON SITE CONFIRMING LOCATIONS BEFORE BREAKING GROUND.

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 | | | | | S3 |

JBA consulting

35 Perrymount Road
HAYWARDS HEATH
West Sussex
RH16 3BW
United Kingdom

www.jbaconsulting.com
+44 (0)1444 473652
+44 (0)1445 362772
info@jbaconsulting.com

Offices at: Coteshill, Doncaster, Edinburgh, Haywards Heath, Leeds, Limerick, Newcastle upon Tyne, Newport, Salford, Skipton, Tadcaster, Thirsk, Wallingford and Warrington

CARDIFF COASTAL DEFENCES

**EROSION PROTECTION WORKS
LOCATION 31
TYPICAL SECTION**



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| | | |
|--------|---------------------------|----------|
| Scale: | Drawn: K. Jenkins | 12/07/21 |
| | Designed: J. Villagra Sar | 12/07/21 |
| | Checked: D. Potts | 14/07/21 |
| | Approved: G. Kenn | 15/07/21 |

As Shown @ A1

| | |
|--------------------|--------------------------|
| Digital File Name: | CCD-JBAU-00-31-DR-C-3150 |
| Drawing Number: | CCD-JBAU-00-31-DR-C-3150 |
| Revision | P01 |