

DYCEL 220 BURIED AT TOP OF BANK UNDER MIN. 1000MM THICK LAYER OF SITE-WON MUD (SEE DRAWING CCD-JBAU-00-21-DR-C-2150 FOR DETAILS)

HORIZONTAL BERM CONSTRUCTED AT TOP OF SLOPE WHERE REQUIRED FOR A SMOOTH PROFILE (SEE DRAWING CCD-JBAU-00-21-DR-C-2120 FOR DETAILS)

BRUSHWOOD AND STAKES AT TRANSITION FROM BURIED TO EXPOSED DYCEL BLOCKS (SEE DRAWING CCD-JBAU-00-21-DR-C-2150 FOR DETAILS)

MUD PLACED ABOVE DYCEL BLOCKS TO BE MIN. 1000MM THICK. SEE SPECIFICATION FOR PLACEMENT REQUIREMENTS

REINSTATED GROUND TO BE SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS

FLANK DETAIL WITH DYCEL BLOCKS AND ROCK ARMOUR (SEE DRAWING CCD-JBAU-00-21-DR-C-2151 FOR DETAILS)

EXPOSED DYCEL 220 AT BOTTOM OF BANK (SEE DRAWING CCD-JBAU-00-21-DR-C-2150 FOR DETAILS)

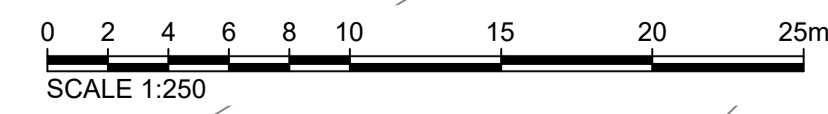
SMOOTH TRANSITION TO BE PROVIDED BETWEEN THE SLOPES

CONCRETE GROUT OR SIMILAR TO BE PROVIDED TO CONNECT DYCEL 220 PANELS. DETAIL TO BE DESIGNED BY SUPPLIER

TRENCH TOE DETAIL WITH ROCK ARMOUR COVERING DYCEL BLOCKS (SEE DRAWING CCD-JBAU-00-21-DR-C-2150 FOR DETAILS)

FLANK DETAIL WITH DYCEL BLOCKS AND ROCK ARMOUR (SEE DRAWING CCD-JBAU-00-21-DR-C-2151 FOR DETAILS)

REFERENCE	EASTING (m)	NORTHING (m)	LEVEL (m OD)
SOP(21)1	321923.01	177631.24	+3.00
SOP(21)2	321932.58	177634.50	+3.00
SOP(21)3	321942.40	177636.83	+3.00
SOP(21)4	321952.41	177638.17	+3.00
SOP(21)5	321962.51	177638.42	+3.00
SOP(21)6	321972.61	177637.86	+3.00
SOP(21)7	321982.60	177636.40	+3.00
SOP(21)8	321992.42	177634.04	+3.00
SOP(21)9	321996.97	177632.48	+3.00
SOP(21)10	322004.86	177626.34	+3.00
SOP(21)11	322012.75	177620.20	+3.00
SOP(21)12	322020.64	177614.05	+3.00
SOP(21)13	322022.70	177612.45	+3.00
SOP(21)14	322030.20	177605.76	+3.00
SOP(21)15	322036.31	177597.80	+3.00
SOP(21)16	322041.39	177589.15	+3.00
SOP(21)17	322045.55	177580.02	+3.00
SOP(21)18	322048.88	177570.54	+3.00
SOP(21)19	322051.14	177560.75	+3.00
SOP(21)20	322052.25	177550.77	+3.00



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
CON9	Dust, noise and vibrations
CON13	Public access
CON25	Overhead hi-voltage cables
CON28	Working in/near water
Operations & Maintenance	
O&M5	Alterations to navigated watercourse
Environment	
ENV1	Special Protection Area
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.
- See drawing CCD-JBAU-00-21-DR-C-2150 for typical section.
- 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	Symbol	Description
Exposed Dycel blocks	[Pattern]	Exposed Dycel blocks
Buried Dycel blocks	[Pattern]	Buried Dycel blocks
Soil fill	[Pattern]	Soil fill
Horizontal berm	[Symbol]	Horizontal berm
Brushwood and stakes	[Symbol]	Brushwood and stakes

UTILITY SERVICES INVESTIGATION GAUGE TO PAS 128				
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

Rev.:	Date	Drawn	Designed	Checked	Approved

Client Approval

A - Approved
B - Approved with Revisions
C - Do Not Use

Purpose of Issue: Detailed design - for comment
Status: S3

JBA consulting

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

www.jbaconsulting.com
+44 (0)1444 473652
+44 (0)845 862772
info@jbaconsulting.com

CARDIFF COASTAL DEFENCES

EROSION PROTECTION WORKS
LOCATION 21
GENERAL ARRANGEMENT - SHEET 1 OF 1

for

Scale: 1:250 @ A1
Digital File Name: CCD-JBAU-00-21-DR-C-2101
Drawing Number: CCD-JBAU-00-21-DR-C-2101

Drawn: J. Moores 17/05/21
Designed: J. Villagra Sar 17/05/21
Checked: D. Potts 17/05/21
Approved: G. Kenn 17/05/21

Revision: P01