



LOCATION PLAN

POSSIBLE SERVICE CLASHES - SERVICE LOCATION TO BE DETERMINED ON SITE - SEE SERVICE DRAWINGS FOR FURTHER DETAILS

LOCATION 42 TIE IN ROAD RAISING WORKS TO BE CONFIRMED

LOCATION 31

RIVER RHYMNEY

CCD-JBAU-00-32-DR-C-3204

BURIED ROCK ARMOUR FLANKS, SEE DRAWING CCD-JBAU-00-32-DR-C-3205

EXISTING DRAINAGE OUTFALL TO BE PROTECTED - SEE DRAWING CCD-JBAU-00-32-DR-UT-0051

CCD-JBAU-00-32-DR-C-3203

JOIN DYCEL MATTRESS ALONG THE HORIZONTAL BENCHING USING MARINE GRADE CONCRETE AS PER MANUFACTURERS INSTRUCTION (SEE DRAWING CCD-JBAU-00-32-DR-UT-3250 & 3251 DETAIL B)

NATURAL FLOOD MANAGEMENT BRUSHWOOD AND STAKES TO BEGIN AT HORIZONTAL BENCHING

DYCEL 220 EROSION PROTECTION BLANKET SURFACE EROSION PROTECTION

DYCEL 220 EROSION PROTECTION BLANKET SECURED BELOW TRENCHED ROCK ARMOUR TOE

REINSTATED GROUND TO BE SEEDED WITH SEED MIX SUITABLE TO SALINE CONDITIONS, GERMINAL A21 OR SIMILAR APPROVED

GROUND PROFILING REQUIRED LOCALLY TO ENSURE SSP PROTRUDE NO MORE THAN 2m ABOVE GROUND LEVEL.

WATERPROOFING TO THE SSP CLUTCHES WILL BE OBTAINED THROUGH CORROSION IN THE SHORT TERM

CCD-JBAU-00-32-DR-C-3201

EXISTING DRAINAGE OUTFALL TO BE PROTECTED - SEE DRAWING CCD-JBAU-00-32-DR-UT-0051

REINSTATED GROUND PROFILE TO COVER EROSION PROTECTION AND TO MATCH EXISTING GROUND PROFILE AS CLOSELY AS POSSIBLE WITH FLAT PROFILE

BURIED ROCK ARMOUR FLANKS, SEE DRAWING CCD-JBAU-00-32-DR-C-3205

TIE IN TO LOCATION 22 CLAY EMBANKMENT

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

CON6		Excavation works stability
CON9		Lifting operations
CON11		Sheet piling risk to services
CON14		Public rights of way
CON15		Navigation collision risk
CON16		Disrupting and endangering traffic flow
CON28		Electricity investigations under works
CON29		Narrow & steep embankment widths by road
CON31		Water trunk main under works at Outfalls to be protected
CON32		Vodafone & Surf Telecom on pile line

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

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.

General Notes

- All dimensions are shown in millimetres unless otherwise stated and levels are in metres to Ordnance Datum.
- Do not scale from drawings.
- Services shown from desktop utility search dated 2 April 2019 - BIM reference CCD-JBAU-00-00-RP-UT-0001-S2-P01.
- Contains Ordnance Survey data © Crown copyright and database right 2020.
- Drawing intended for consultation only - design may be subject to change.
- Levels and contours shown on drawing are taken from the DTM provided by Future Aerial following their Drone Survey in 2016.
- Exclusion zone for overhead power cables taken from 'Look Out! Look Up! a guide to the safe use of Mechanical Plant in the vicinity of electricity overhead lines' - true distance to be confirmed. Service providers are under consultation to establish safe working distances and methods during ground works.
- Utilities shown at typical depths below ground surface - true depths to be confirmed.
- 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 drawings CCD-JBAU-00-32-DR-C-3220-3222 typical sections.
- See drawings CCD-JBAU-00-32-DR-C-3201 to 3206 for setting out points and tables.

Drawing Key

	National Grid Overhead High Voltage Pylon
	HV
	WPD High Voltage
	WPD / National Grid Overhead High Voltage
	E O/H
	LV
	WPD Low Voltage
	NR
	Network Rail Historic Cable
	GAS
	Wales & West IP
	CS
	Welsh Water Combined
	SW
	Welsh Water Surface / Private
	BT
	British Telecom
	BT
	British Telecom Overhead
	ST
	Surf Telecom
	VM
	Virgin Media
	VF
	Vodafone
	W
	Welsh Water Trunk
	W
	Welsh Water Distribution
	W
	Welsh Water Decommissioned
	Existing Footpath
	Statutory Record Search Area
	MH
	Manhole

NOT FOR CONSTRUCTION

Rev.:	Date	Drawn	SC	Designed	DY	Checked	RG	Approved	GK
Client Approval									
A - Approved									
B - Approved with Revisions									
C - Do Not Use									
Purpose of Issue									Status
Detailed Design for comment									S3

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CARDIFF COASTAL DEFENCES

GENERAL ARRANGEMENT LOCATION 32

for



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		P01