

| SETTING OUT POINTS<br>CO-ORDINATES |                |                 |                 |
|------------------------------------|----------------|-----------------|-----------------|
| REFERENCE                          | EASTING<br>(m) | NORTHING<br>(m) | LEVEL<br>(m OD) |
| SOP (52)1                          | 321412.641     | 178085.556      | +10.050         |
| SOP (52)2                          | 321406.984     | 178086.942      | +10.050         |
| SOP (52)3                          | 321401.179     | 178087.154      | +10.050         |
| SOP (52)4                          | 321383.538     | 178084.182      | +10.050         |
| SOP (52)5                          | 321367.740     | 178082.375      | +10.050         |
| SOP (52)6                          | 321354.783     | 178091.609      | +10.050         |
| SOP (52)7                          | 321348.670     | 178119.093      | +9.361          |
| SOP (52)8                          | 321346.312     | 178123.767      | +7.598          |

# RIVER RHYMNEY

BURIED UTILITIES - SEE NOTE 6

FLOOD DEFENCE EMBANKMENT - SEE  
TYPICAL SECTION ON DRG 5250 FOR  
CONSTRUCTION INFORMATION

BURIED UTILITIES - SEE NOTE 6

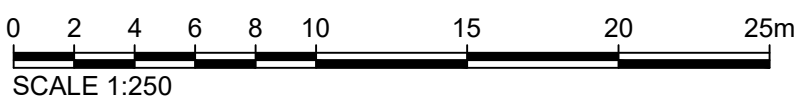
EMBANKMENT CENTRELINE ALIGNMENT

SEE DETAIL ON DRAWING  
CCD-JBAU-00-52-DR-UT-5220  
FOR PROTECTION OF SERVICES

EMBANKMENT DIVERGES FROM EXISTING

BENCHING OF EXISTING HIGHWAY EMBANKMENT  
AT TIE-IN SEE DRG 5250 FOR BENCHING DETAIL

EXISTING EMBANKMENT  
(INDICATIVE LOCATION)



LOCATION PLAN

## 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                             |
| CON16        |  | Disrupting and endangering traffic flow |
| CON19        |  | Private residents                       |
| CON20        |  | Public interface                        |
| CON28        |  | Water trunk main under works            |

## Operations & Maintenance

|      |  |                                         |
|------|--|-----------------------------------------|
| O&M3 |  | Overtopping risk at north tie in        |
| O&M4 |  | Erosion due to loss of vegetation cover |
| O&M8 |  | Ponding landward of the embankment      |

## 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.
- Levels and contours shown on drawing are taken from the DTM provided by Future Aerial following their Drone Survey in 2016.
- For details relating to utilities please refer to drawings CCD-JBAU-00-52-DR-UT-5200 & CCD-JBAU-00-52-DR-UT-5220.

## 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.

**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       |

35 Perrymount Road  
HAYWARDS HEATH  
West Sussex  
RH16 3BW  
United Kingdom  
[www.jbaconsulting.com](http://www.jbaconsulting.com)  
+44 (0)1444 473652  
+44 (0)845 8627772  
info@jbaconsulting.com

Offices at: Colleshill, Doncaster, Edinburgh, Haywards Heath, Leeds, Limerick, Newcastle upon Tyne, Newport, Salewa, Skipton, Tadcaster, Thirsk, Wallingford and Werrington

## CARDIFF COASTAL DEFENCES

## GENERAL ARRANGEMENT SITE PLAN LOCATION 52

for



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|        |                      |          |
|--------|----------------------|----------|
| Scale: | Drawn: S. Connery    | 17/05/21 |
|        | Designed: D. Yeomans | 17/05/21 |
|        | Checked: A. Tyndel   | 17/05/21 |
|        | Approved: G. Kenn    | 17/05/21 |

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Revision  
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