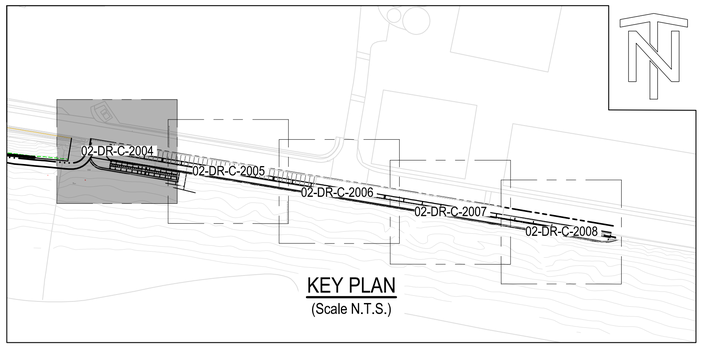

Safety, Health and Environment information

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant risks

Construction		
C1		Working in an exposed coastal environment
C4		Risk of striking adjoining structures
C6		Risk of undermining existing structures timber/ concrete wall structures
C10		Striking buried services.
C17		Voids identified beneath existing carpark slab.
Operation & Maintenance		
O&M2		Risk of public falling from height along top of sheet piles, if fencing is not maintained.
O&M3		Risk of public climbing onto rock revetment from beach resulting in injury.
O&M5		Slips, trips and falls of pedestrians using wet access ramp.
Demolition		
D1		Risk of injury during demolition of existing timber and concrete wall/ apron structure.
D2		Risk of injury whilst removing existing derelict timber and steel groynes and concrete debris from beach.
Environmental Considerations		
E2		Risk of excavating or breaking into contaminated land.
E3		Risk of construction material or debris entering a marine habitat.

SETTING-OUT POINT	EASTING (m)	NORTHING (m)	ELEVATION (m AOD)
SOP01	525611.219	104673.408	7.25
SOP02	525612.004	104677.017	7.40
SOP03	525610.551	104671.710	7.40
SOP04	525616.468	104666.967	7.22
SOP05	525656.546	104660.774	2.10
SOP06	525657.371	104665.706	2.10
SOP07	525622.212	104671.583	7.40
SOP08	525619.764	104675.845	8.50

GENERAL NOTES

1. CONTRACTOR SHALL NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
2. ALL LEVELS ARE IN METRES RELATIVE TO THE LOCAL GRID SET OUT IN MALTBY'S 2022 SURVEY.
3. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE SITE SUPERVISOR IMMEDIATELY.
4. THE ELECTRONIC VERSION OF THIS DRAWING IS NOT TO BE USED FOR SETTING OUT.
5. REFER TO CONTRACT SPECIFICATION FOR DETAILS OF MATERIALS AND WORKMANSHIP TO BE USED FOR THE WORKS SHOWN ON THIS DRAWING
6. ALL EXISTING LEVELS QUOTED ON THE DRAWINGS ARE FROM THE TIME OF SURVEY. LEVELS AND SETTING OUT SHOULD BE CHECKED BY THE SITE ENGINEER TO ENSURE THEIR RELEVANCE AT THE TIME OF CONSTRUCTION.
7. THE MAINTENANCE RAMP HAS BEEN DESIGNED TO ACCOMMODATE A 50 ton EXCAVATOR, IN NO CIRCUMSTANCES SHOULD THE RAMP BE LOADED ABOVE THAT OF THE DESIGN LOAD.

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
17/03/22			

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.

LEGEND

- ELEC — ELECTRIC - ABANDONED
- ELEC — ELECTRIC
- TEL — TEL — TELECOM
- WATER — WATER - SURFACE
- TIMBER KNEE RAIL
- KEE KLAMP HANDRAILING
- SECURITY FENCE
- ## SETTING OUT POINT
- ROCK ARMOUR
- TARMAC RESURFACING
- PRE-CAST CONCRETE
- CAST INSITU CONCRETE
- NEW FOOTPATH
- AREA COVERED IN A SEPERATE PLANNING APPLICATION REF. AWDM/0321/23
- E.J. EXPANSION JOINT

TEMPORARY LANE CLOSURES TO BE AGREED WITH PROJECT MANAGER AHEAD OF WORKS

7170 ENTRANCE SLAB WIDTH

KERB. SEE SECTION FOR MORE INFORMATION

4 No. SHEFFIELD BIKE STANDS ROOT FIXED AT 1200 CRS IN ACCORDANCE WITH SUPPLIER REQUIREMENTS. SEE SPECIFICATION FOR FURTHER DETAILS

PARKING AREA TO BE RESURFACED AND KERBING REINSTATED. REFER TO WORKS SPECIFICATION FOR DETAILS.

3m WIDE PUBLIC ACCESS PATH SUITABLE FOR PEDESTRIANS AND CYCLISTS

DUAL 90L LITTER AND WASTE RECYCLING BIN INSTALLED TO MANUFACTURERS DETAIL

INFORMATION BOARD SUPPLIED BY CLIENT TO BE INSTALLED TO MANUFATURERS DETAIL

'KEEP CLEAR' ROAD MARKING

DEMOUNTABLE BOLLARDS 'ROUGH & READY' OR SIMILAR APPROVED INSTALLED AT 1.5m CRS.

4 No. DISABLED CAR PARKING BAYS

EXISTING PILE TO BE CUT DOWN TO 5.40mAOD

50 x 100 CHAMFERS TO EXPOSED EDGES OF CONCRETE SLAB. SELF BINDING GRAVEL TO BE LAID FLUSH TO TOP OF SLAB

CAST IN-SITU R.C. SLABS WITH BRUSHED FINISH TO BE USED ON FOOTPATH ABOVE RAMP

PARKING BAYS WITH WHITE MARKINGS

1:100 FALL ON SETBACK WALL

SHEETPILE 1:100 FALL

FOOTPATH 1:100 FALL

FOOTPATH 1:40 CROSS FALL

3780 (3 No. ROCK UNITS WIDE)

CREST @ +6.0mAOD

7.42mAOD

AREA TO THE REAR OF THE REVETMENT TO BE BACKFILLED WITH SHINGLE. SEEDING DETAILS AS PER WORKS SPECIFICATION.

STEEL SHEET PILING

TOE +3.0mAOD

GREYED OUT ROCK REVETMENT AND RAMP HAVE BEEN APPROVED UNDER A SEPERATE PLANNING APPLICATION REF. AWDM/0321/23

ROCK REVETMENT CREST SHALL BEGIN TO FALL AT 1:7 WHERE THE RAMP PILE CAP CREST LEVEL REACHES THE 6.0mAOD REVETEMENT CREST LEVEL

3000 P.C. UNIT

4 No. 3.00m LG X 4.6m WIDE X 0.37m THK P.C. UNITS INC 20mm GAPS = 12000

2000 P.C. UNIT

1980 P.C. UNIT

2020 P.C. UNIT

5 No. 3.00m LG X 4.6m WIDE X 0.37m THK P.C. UNITS INC 20mm GAPS = 15000

1000 P.C. UNIT

NEW SHEET PILES TOTAL LENGTH APPROXIMATELY 282m

NEW SET BACK WALL TOTAL LENGTH APPROXIMATELY 270m

REVETMENT EASTERN TIE-IN APPROX. 33m

+2.0mAOD

FOR CONTINUATION SEE DRAWING 02-DR-C-2005

PLAN - AREA 2B

SCALE 1:100 (m)

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Document Control

Supplier
35 Perrymount Road
HAYWARDS HEATH
West Sussex
RH16 3BW
T: +44 (0)1444 473 652
E: info@jbaconsulting.com
www.jbaconsulting.com
Twitter @JBAConsulting

Project Title

BRIGHTON MARINA TO RIVER ADUR COASTAL DEFENCES

Drawing Title

AREA 2B GENERAL ARRANGEMENT SHEET 1 OF 5

Parent Model	NOT FROM MODEL
Security Classification	OFFICIAL
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Author	J. Huntington
Designer	M. Colley
Checker	J. Skanberg-Tippen
Approver	G. Kenn
Suitability	For Planning
Status	A4
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