Safety, Health & Environmental Information

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

SC#: In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following risks and information which are referenced to the Designers' Hazard Elimination and Management Record referenced CR-MMD-00-00-RP-Z-0007.

Unless noted otherwise, the hazards/risks below generally apply along the length of the coastal structures shown on the 7000 series drawings.

Ref: Hazard/ risk summary

Construction Stage

SC05	Risk of limbs becoming trapped between revetment rocks.
SC07	Geometry of existing structures different to existing as-built information or topographical information, or unknown if below ground, which may affect the design and delay works on site.
SC11	Excavation collapse resulting in injury to operators and/or damage to plant.
SC12	UXOs or other buried obstructions are encountered resulting in death and injury.
SC14	Damage to or clashes with existing service infrastructure particularly during excavation and sheet piling works and particularly to drainage assets extending seaward from the existing sea wall. Refer to Existing Structures Technical Note CR-MMD-00-00-TN-SC-7027.
SC17	Risk of undermining existing structures, or damage to existing structures.
SC18	Risk of existing seawall instability or collapse due to plant loading on adjacent promenade during construction.
SC23	Risk of impacting on existing pier foundations during excavation work around proposed ramp.

Use/Operation Stage

SC01	Proposed steps become inaccessible or difficult to access from the beach as a result of beach levels dropping below bottom landing levels, resulting in injury as pedestrians try to access or egress.
SC02	Injury through falling due to marine growth on access steps due to marine growth and sand.

Notes

1. This drawing is intended for the construction of the Central Rhyl Coastal Defences Scheme, and it should not be used for any other purpose. It represents the proposed coastal structures.
2. This drawing shall be read in conjunction with all discipline information. Any discrepancies shall be referred to Mott MacDonald before proceeding.
3. Unless noted otherwise, all dimensions are in millimetres, all levels in metres above ordinance datum (AOD). Do not scale from drawing, if in doubt ask Mott MacDonald.
4. Mott MacDonald has followed accepted procedure in providing the services but given the residual risk associated with any prediction and the variability which can be experienced in flood conditions, Mott MacDonald takes no liability for and gives no warranty against actual flooding of any property (clients or third party) or the consequences of flooding in relation to the performance of the service.
5. Existing street furniture, guardrails, buildings, features and outfall information are taken from the topographical survey obtained in 2020.
6. Drawings do not show extent and location of services. See utility plans / statutory undertakers plans for service information. Contractor to undertake pre-construction survey to determine full extent of services present in area.
7. Existing structures are shown indicatively based on available information. Exact toe level, number of steps and depth of foundations of existing structure may vary on site.
8. For rock armour drawings refer to 7500 series
9. Extent of East Rhyl scheme provided by Contractor, footprint scaled from as-provided information.

Key to symbols

2 Layers 1-3 tonne Armourstone

Chainage Line along Rear Face of Crest Beam Upstand

Proposed Ramp

Reference drawings

CR-MMD-00-ZZ-DR-SC-7001 General Arrangement Sheet 1
CR-MMD-00-ZZ-DR-SC-7002 General Arrangement Sheet 2
CR-MMD-00-ZZ-DR-SC-7500 Rock Armour General Arrangement Sheet 1

1:1000 0 50 100 m

Rev	Date	Drawn	Description	Ch'k'd	App'd
C02	04.01.23	MS	Stage Approved with minor amendments following BB comment.	GW	ZH
C01	29.06.22	CB	For Target Cost Development	NC	ZH
P02	01.04.22	RDK	Issued for stage approval	NC	ZH
P01	19.11.21	RDK	Issued for review & comment	NC	ZH

Status Stamp
Suitable for Construction

MOTT MACDONALD

Mott MacDonald House
5 Woodland Road West
Colwyn Bay
LL29 7DH
United Kingdom
T +44 (0)1492 534601
W mottmac.com

Client
Balfour Beatty
Cyngor sir ddinbych denbighshire County Council

Title
Central Rhyl Coastal Defences
COASTAL STRUCTURES
General Arrangement

Sheet 3 of 3

Designed	P.Kacperek	PK	Eng check	A.Douglas	AD
Drawn	R.Kettle	RDK	Coordination	N.Clarke	NC
Dwg check	N.Clarke	NC	Approved	Z.Hutchison	ZH

MMD Project Number: 100420823	Scale at A1: As indicated	Security: STD
Suitability Description: Suitable for Construction		Suit. Code: A6
Drawing Number: CR-MMD-00-ZZ-DR-SC-7003		Revision: C02

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