

Safety, Health & Environmental Information

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SC#

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

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.

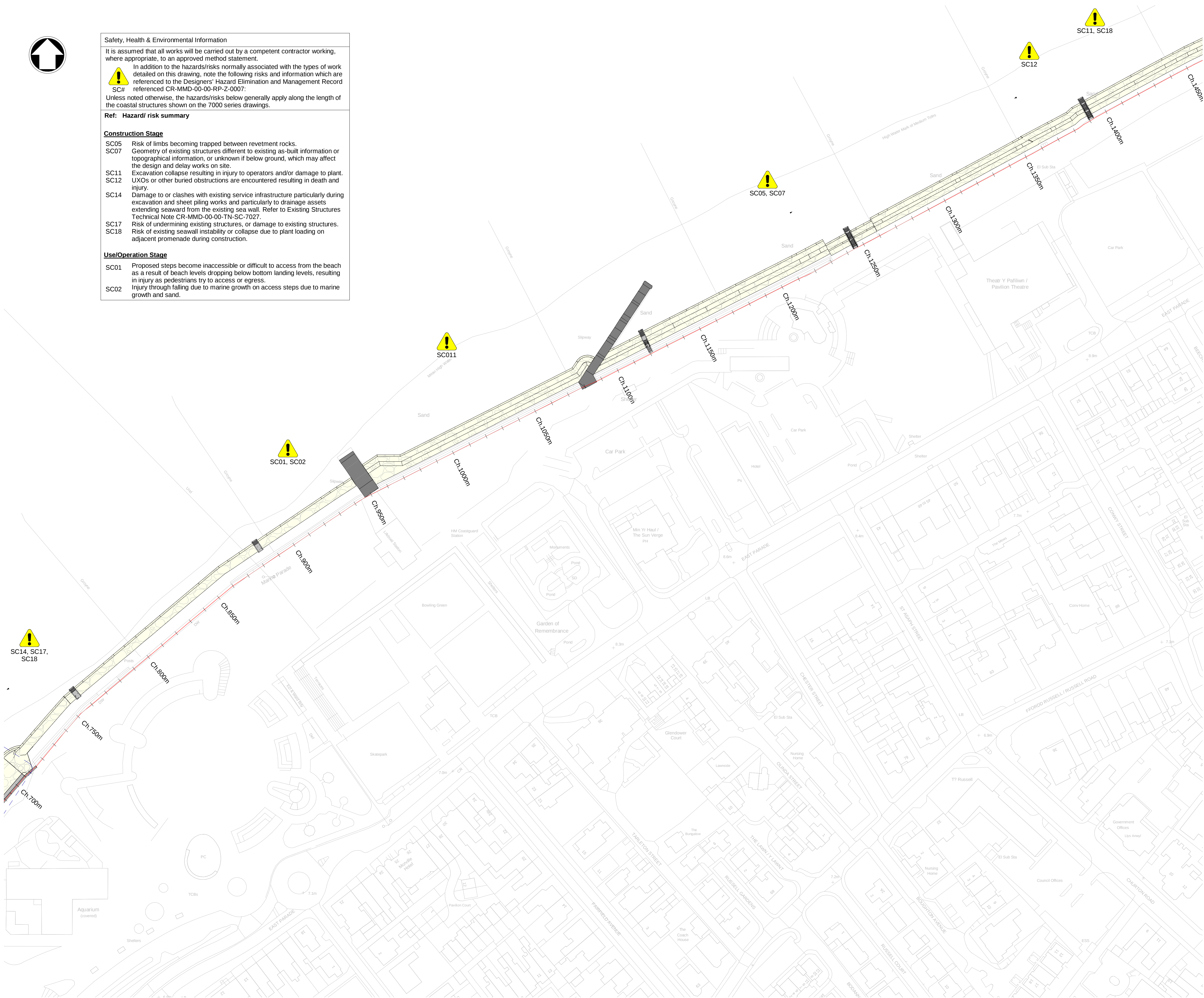
Use/Operation Stage

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.



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- Notes
1.

This drawing is intended to be used for the construction of the Central Rhyll 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 ordnance 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. To be confirmed on site.
8.

For rock armour drawings refer to 7500 series.

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-7003 General Arrangement Sheet 3

CR-MMD-00-ZZ-DR-SC-7501 Rock Armour General Arrangement Sheet 2

Rev	Date	Drawn	Description	Ch'k'd	App'd
C02	27.01.23	MS	For Construction	NC	ZH
P04	27.01.23	MS	Issued for Stage Approval	NC	ZH
P03	12.12.22	MS	Issued for review & comment	NC	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

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County Council

Title

Central Rhyll Coastal Defences
COASTAL STRUCTURES
General Arrangement

Sheet 2 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	Revision	C02
Drawing Number	CR-MMD-00-ZZ-DR-SC-7002				