



1 Location Plan
1:1000

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.

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

CONSTRUCTION

- Depth and full extent of existing seawall foundations are unknown. Existing seawall becomes destabilised (DHER Ref. 19 & 23).
- Unforeseen ground conditions/obstructions prevent sheet piles being driven (DHER Ref. 20).
- The status (i.e. disused or live) and precise positions of some outfalls are unknown (DHER Ref. 21).
- Falling from height. Falling objects from promenade (DHER Ref. 22).
- Working in tidal zone (DHER Ref. 27).
- Presence of Unexploded ordnances (UXOs). Site area categorised as low risk. (DHER Ref. 30).

OPERATION AND MAINTENANCE

- Beach levels to be reinstated to existing levels or higher after completion of works. Beach levels shall be monitored at regular intervals including before and after storms and at least once a year in spring (DHER Ref. 4).
- Marine growth to be removed periodically from pedestrian access surfaces (DHER Ref. 5).
- Risk of drowning. Appropriate signage and life saving appliances (e.g. lifebuoys) to be provided and maintained (DHER Ref. 8).

Notes

- This drawing is to be read in conjunction with all discipline drawings, specifications and standards.
- Unless otherwise noted (UNO), all dimensions are in metres, all levels are in meters above ordnance datum (AOD), and all setting-out points in metres to the British National Grid (OSGB36). Do not scale from drawing, if in doubt ask.
- All relevant setting-out points, dimensions & levels are to be checked by Contractor on-site prior to commencement of the works.
- The onshore topographical survey was supplied by Survey Operations Ltd in April 2008. The offshore topographical (beach) survey was supplied by Environmental & Engineering Services in 2019. The CCTV survey was supplied by Invek Surveys Ltd in May 2020.
- Drawings show approximate position of known services. See Site Information for further information. Further unknown services maybe present. Contractor to undertake survey to determine full extent of services present within working area. Results to be forwarded to the Structural Design Engineer 2 week prior to commencement of works, or ordering of materials, whichever occurs first.
- See 415437-MMD-00-XX-DR-C-2030 & 2130 series drawings for the proposed promenade works.
- Refer to Appendix 12/1 of the Works Specification for all the sign details.
- See Alun Griffiths "OS Master Survey" and CCBC drone photographs for extent of existing Old Colwyn Phase 2 revetment.

Key to symbols

- | | | | |
|--|---|--|-------------------------------|
| | Existing railway embankment | | Existing rock structures |
| | Textured outer walls | | Proposed rock structures |
| | Enhancement of rocks | | TBC rock structures |
| | Ecological Armouring unit | | Outfall extension/ protection |
| | Top 1.2m depth of phase 2 rock revetment crest removed, graded and reincorporated into the works elsewhere. Then crest raised to +7.5m with 3-6T primary armourstone. | | |
| | Single layer of 3-6T primary armourstone | | |

= Where revetment shall be extended / filled in, primary, underlayer and core along sloped sides of phase 2 rock revetment shall be removed to allow geotextile to be lapped and revetment extended lineally as per cross sections. Removed armourstone shall be incorporated into the works as per specification.

Reference drawings

415437-MMD-00-XX-DR-C-3520 series - Sections & details
415437-MMD-00-XX-DR-C-3540 series - RC details

Rev	Date	Drawn	Description	Ch'k'd	App'd
C01	23/01/26	RW	Tender Issue	GWM	SS
P01	21/01/26	RW	Tender Issue for Client Acceptance	GWM	SS

Status Stamp

Tender Issue

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Client



Title

Ph.3 - Old Colwyn Promenade Coastal
Defence & Active Travel Improvements
Coastal
General Arrangement

Designed	P.C.O.	Eng check	G. Mitchell	
Drawn	R. Williams	Coordination	G. Mitchell	
Dwg check	G. Mitchell	Approved	S. Smith	
MMD Project Number	415437	Scale at A1	1:1000	Security STD
Suitability Description	Tender Issue	Suit. Code	A4	
Drawing Number	415437-MMD-00-XX-DR-C-3500	Revision	C01	