

Perpendicular Steps No. 1
1 : 100

Perpendicular Steps No. 1 Sheet Piles
1 : 100

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.



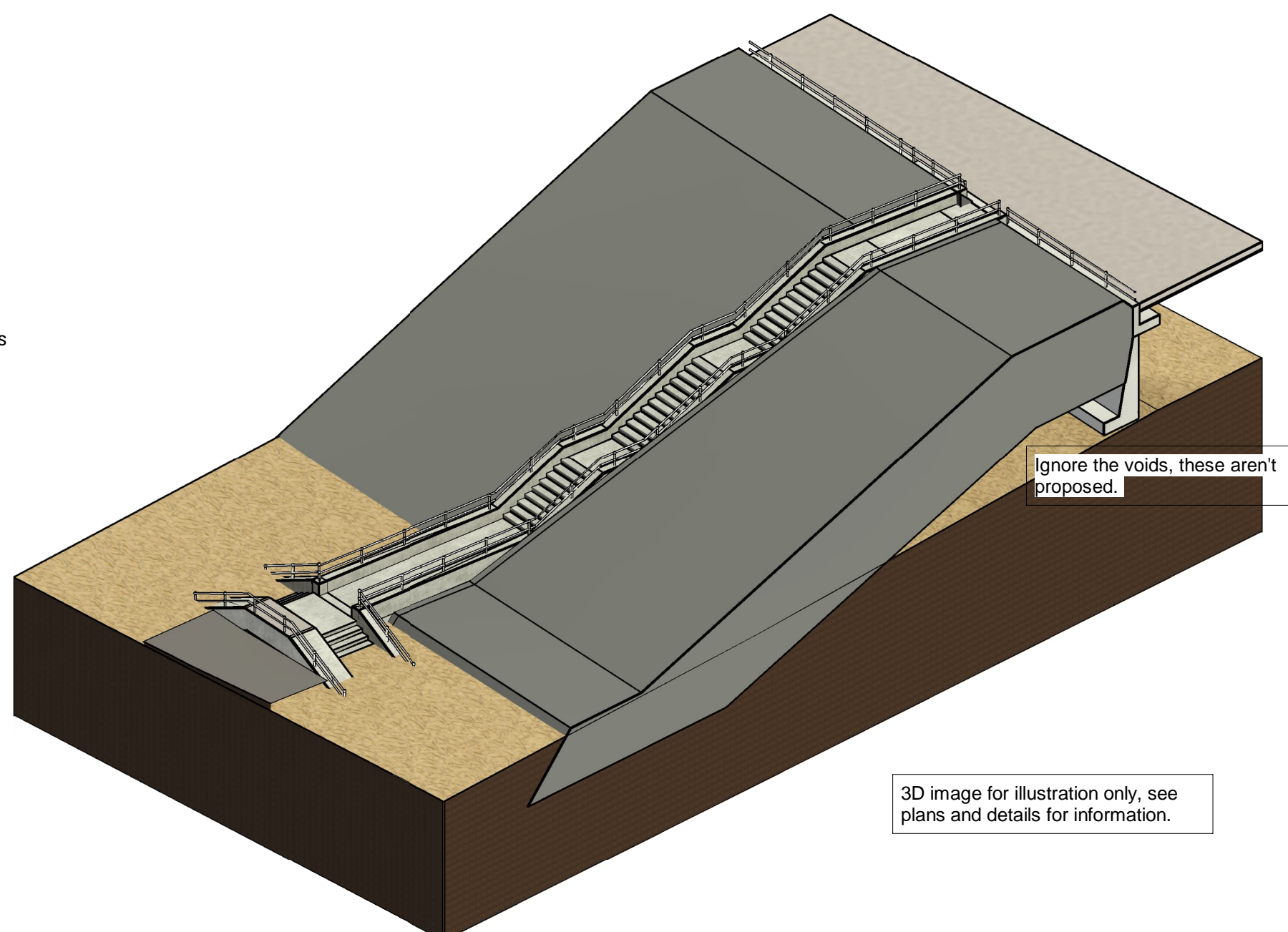
In addition to the hazards/ risks normally associated with the types of work detailed on this drawing, note the following risks and information:

Construction:

- 1 Depth and full extent of existing seawall foundations are unknown. Existing seawall becomes destabilised (DHER Ref. 19 & 23).
- 2 Unforeseen ground conditions/obstructions prevent sheet piles being driven (DHER Ref. 20).
- 3 Working in tidal zone (DHER Ref. 27).
- 4 Presence of Unexploded ordnances (UXOs). Site area categorised as low risk. (DHER Ref. 30).

Operation & Maintenance:

- 5 Beach levels to be maintained to within 0.5m of current levels. Beach levels shall be monitored at regular intervals including before and after storms and at least once a year in spring (DHER Ref. 4).
- 6 Marine growth to be removed periodically from pedestrian access surfaces (DHER Ref. 5).



3D - Perpendicular Steps No. 1

3D image for illustration only, see plans and details for information.

Notes

1. All dimensions in millimetres unless otherwise stated.
2. All levels shown are in metres relative to Ordnance Datum (mOD).
3. Horizontal control points are relative to the National Grid OSGB36.
4. Beach survey information based on PENRHYN BAY - COLWYN BAY POST STORM SURVEY undertaken in 2019 by Environmental & Engineering Services.
5. For handrail details refer to drawing 3530.
6. For recent beach levels, see beach surveys in the site information.
7. Between the sheet piles, the level of fill shall remain at, or below, the level of the core of the revetment and should be compacted as required; filling shall proceed beyond the core level once the revetment core placing is complete.

Key to symbols

Reference drawings

415437-MMD-00-XX-DR-C-3500 - Coastal General Arrangement Plan
415437-MMD-00-XX-DR-C-3520 series - Sections & details
415437-MMD-00-XX-DR-C-3540 series - RC details

C01	23.01.26	RW	Tender Issue	GWM	SS
P01	21.01.26	RW	Tender Issue for Client Acceptance	GWM	SS
Rev	Date	Drawn	Description	Ch'k'd	App'd

Status Stamp

Tender Issue



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Client



Title

Ph.3 - Old Colwyn Promenade Coastal
Defence & Active Travel Improvements
Perpendicular Steps No. 1 & Cross Over
Steps No. 1

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	1:100	Security STD
Suitability Description	Tender Issue			Suit. Code A4
Drawing Number	415437-MMD-00-XX-DR-C-3522			Rev C01