



- ### 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 Aq OSG836.
 4. Beach survey information based on Penrhyn Bay - Colwyn Bay Post Storm survey undertaken in 2019 by Environmental & Engineering Services.
 5. Class 6A granular fill material to be provided behind sheet piled walls beneath steps, having a $\phi = 35$.
 6. Front material behind sheet piled walls shall be compacted in accordance with the specification. Class 6A material to be a minimum of 1m depth above existing beach material.
 7. Blinding layer of concrete to be a minimum 75mm.
 8. Underside of precast units shall be uniformly supported by steel packers above the blinding. Thickness of grout layer to be minimum depth required to flowability plus 20mm. Minimum thickness for flowability to be demonstrated by Contractor.
 9. The profile of the in-situ concrete steps shall include the profile of the precast step units detailed on drawing 3602. They shall match a 10mm arris to
 10. For recent beach levels, see beach surveys in the site information.
 11. For recent beach levels, see beach surveys in the site information.
 12. 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

 PRECAST CONCRETE

IN-SITU CONCRETE

BLINDING CONCRETE

 CLASS 6A

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

REV	DATE
Status Stamp	

Tender Issue

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CONWY
CYNGOR BWRDEISTREF SIROL
COUNTY BOROUGH COUNCIL

Title	Ph.3 - Old Colwyn Promenade Coastal Defence & Active Travel Improvements Perpendicular Steps No. 1 & Cross Over Steps No. 1 Cross Sections
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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 As indicated	Security STD
Suitability Description Tender Issue			Suit. Code A4
Drawing Number 415437-MMD-00-XX-DR-C-3523			Rev C01