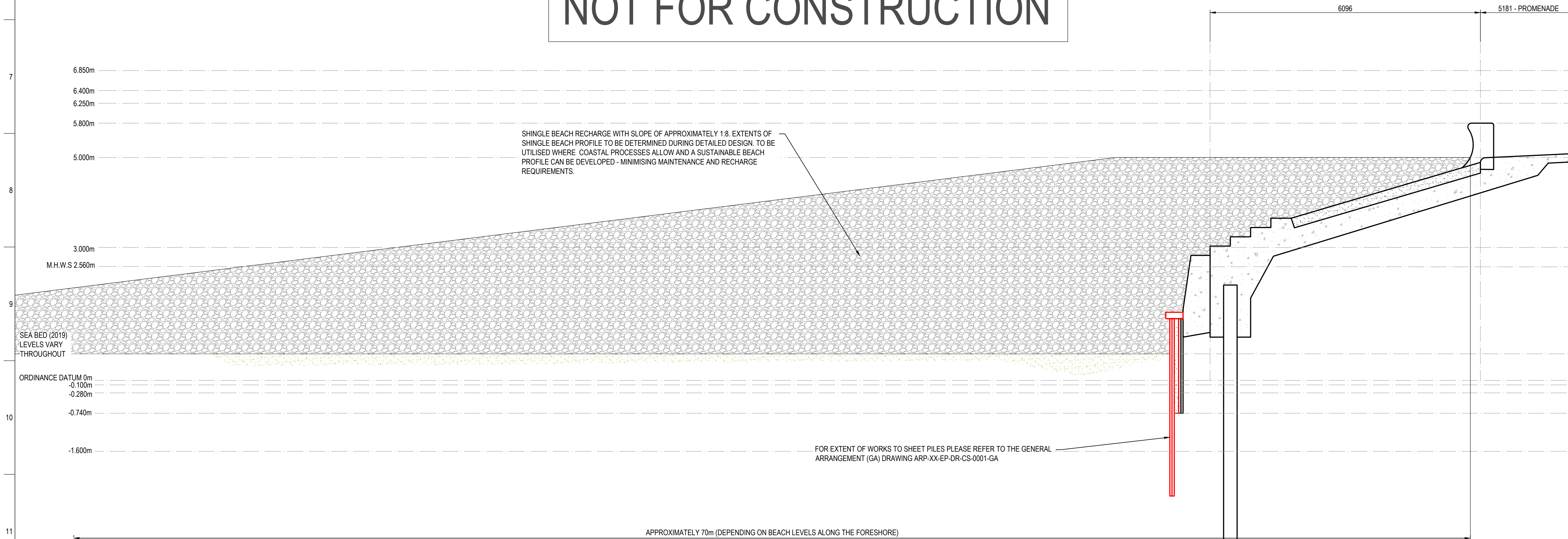


SKETCH 1 - SECTION A - A
SCALE 1:50

NOT FOR CONSTRUCTION



SKETCH 2 - SECTION B - B
SCALE 1:50

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
 - ALL LEVELS ARE IN METRES RELATIVE TO ORDINANCE DATUM.
 - DO NOT SCALE FROM THIS DRAWING.
 - DIMENSIONS OF THE EXISTING DEFENCES INFERRED FROM 1954 CONSTRUCTION DRAWINGS (1265/A/4) BY LEWIS & DUVVIER CONSULTING ENGINEERS. PROVIDED BY YGC IN 2018. FURTHER WORK TO CONFIRM THE DIMENSIONS AND FORM OF THE EXISTING DEFENCES WILL BE REQUIRED DURING DETAILED DESIGN.
 - TO BE READ IN CONJUNCTION WITH DRAWING ARP-XX-EP-DR-CS-001-GA.

- LEGEND**
- EXISTING DEFENCES (INFERRED FROM 1954 CONSTRUCTION DRAWINGS)
 - NEW CONSTRUCTION WORKS

- ASSUMPTIONS:**
- THE DESIGN PRESENTED IS INDICATIVE AND PRELIMINARY. THE DRAWING IS TO BE USED FOR OBC BUDGETING PURPOSES ONLY. IT IS RECOMMENDED FURTHER MODELLING AND SURVEYS ARE UNDERTAKEN AT DETAILED DESIGN TO REDUCE RISK AND FURTHER DEFINE THE FORM OF THE WORKS.
 - WORKS TO THE PRIMARY FLOOD WALL HAVE BEEN AVOIDED DUE TO A LACK OF CONSTRUCTION / SURVEY INFORMATION AND CONCERNS AROUND THE STRUCTURAL STABILITY (IF WORKS TO THE RAISE OR REPLACE THE STRUCTURE WERE UNDERTAKEN). THIS SHOULD BE REVIEWED AT DETAILED DESIGN.
 - MODELLING IS REQUIRED AT DETAILED DESIGN TO DEFINE THE ANTICIPATED WAVE LOADING ON THE PRIMARY, SECONDARY AND TERTIARY WALLS. AT PRESENT, THE DESIGN CRITERIA ASSUMES:
 - 75-120kN/M WAVE LOADING ON PRIMARY WALL.
 - 30% OF WAVE LOADING ON SECONDARY FLOOD WALL
 - <10% OF WAVE LOADING ON TERTIARY FLOOD WALL
 - IMPACT FROM DEBRIS DOES NOT OCCUR AT THE SAME TIME AS WAVE LOADING.
 - AT PRESENT, NO ADDITIONAL PROPPING AGAINST SLIDING OF SECONDARY WALL PROVIDED BY THE EXISTING REVETMENT.

PLEASE REFER TO THE PREFERRED OPTION RISKS AND ASSUMPTIONS REGISTER IN APPENDIX J FOR FULL DETAILS.

P02	17/05/21	ASC	PA	RC
For Information				
Issue	Date	By	Chkd	Appd

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Client
YGC
(Ymgynghoriaeth Gwynedd Consultancy)

Job Title
Barmouth North Promenade

Extend Lifespan and Betterment of Existing Defenses

Scale at A1	1:2,500
Discipline	Civil / Structural
Job No	264326-00
Drawing No	ARP-XX-EP-DR-CS-0001-SK
Drawing Status	Information
Issue	P02