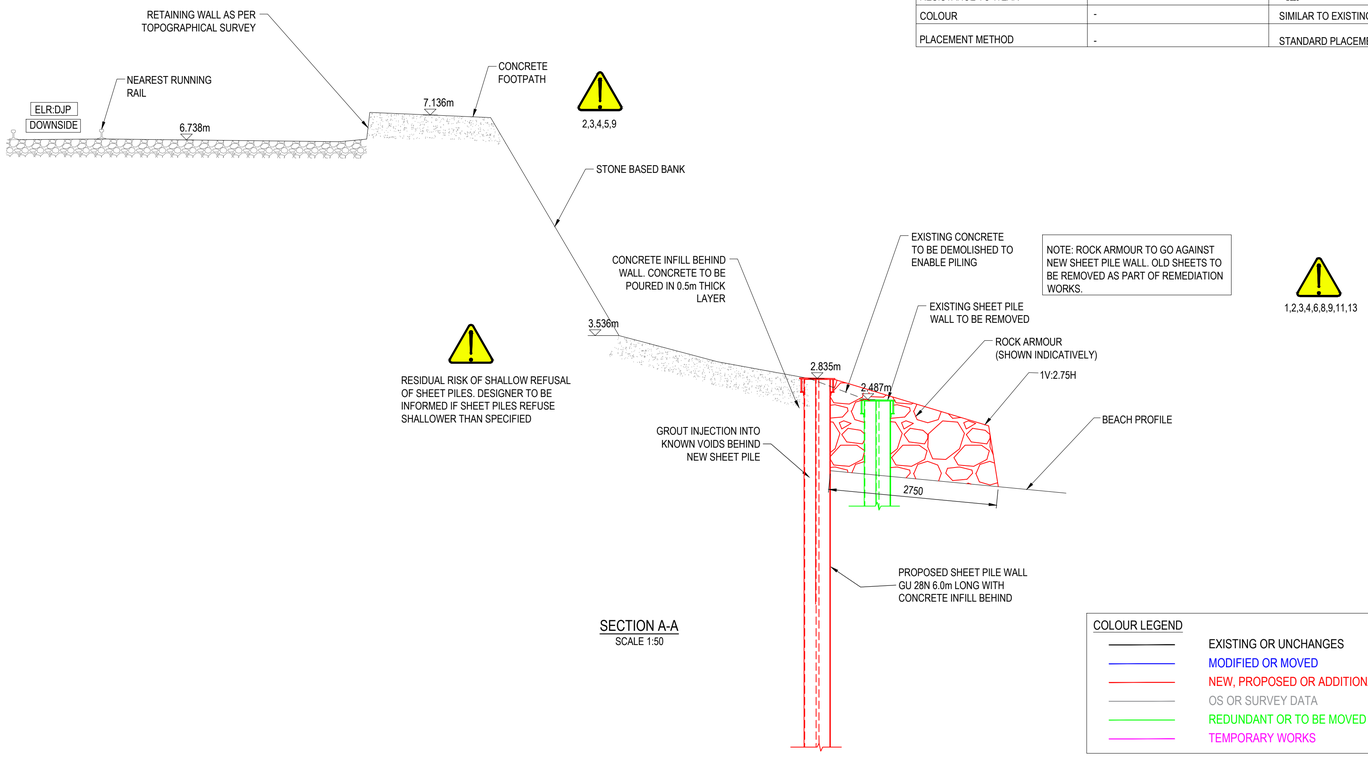
OURROCK ARMOUR SPECIFICATION- BS EN 13383-1		
PROPERTY	**DESCRIPTION**	**REQUIREMENT/ CATEGORY**
GRADING	STANDARD HEAVY GRADING 3-6t	$HMA_{3000/6000}$
PETROGRAHIC TYPE	GEOLOGICAL CLASSIFICATION	IGNEOUS, METAMOORHIC OR SEDIMENTARY
DENSITY	PARTICLE DENSITY	>2300 kg/m³
PARTICLE SHAPE	OVERALL SHAPE RATIO	LT_A
CRUSHED OR BROKEN SURFACES	PIECES OF ROCK ARMOUR WITH < 50% CRUSHED OR BROKEN SURFACES	RO_5
RESISTANCE TO BREAKAGE	COMPRESSIVE STRENGTH CATEGORY	CS^{80}
RESISTANCE TO WEAR	-	M_{DE20}
COLOUR	-	SIMILAR TO EXISTING ROCK ARMOUR
PLACEMENT METHOD	-	STANDARD PLACEMENT



SECTION A-A
SCALE 1:50

COLOUR LEGEND
- EXISTING OR UNCHANGES
- MODIFIED OR MOVED
- NEW, PROPOSED OR ADDITIONAL
- OS OR SURVEY DATA
- REDUNDANT OR TO BE MOVED
- TEMPORARY WORKS

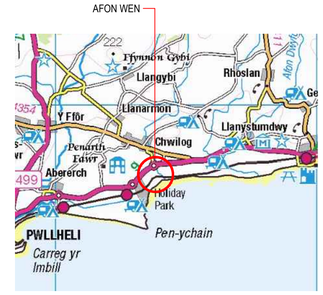
	HEALTH AND SAFETY-REFER TO THE DESIGNERS RISK ASSESMENT FOR MORE INFORMATION (23162B-DRA-001)	
REF	**RESIDUAL RISK**	**ACTIVITY/ELEMENT**
1	WORKING IN TIDAL AREAS	ALL WORKS
2	FALL FROM HEIGHT	ALL WORKS
3	UNEVEN GROUND, SLIPS,TRIPS AND FALLS	ALL WORKS
4	INCLEMENT WEATHER	ALL WORKS
5	TRAIN MOVEMENT	ALL WORKS
6	ECOLOGY/ ENVIRONMENT	ALL WORKS
7	DETERIORATION OF CONCRETE	STRUCTURAL REPAIRS
8	NOISE LEADING TO DAMAGED HEARING	ALL WORKS
9	WORKING WITH CONCRETE	ALL WORKS
10	SCOUR	STRUCTURAL REPAIRS
11	SHALLOW REFUSAL OF SHEET PILES	SHEET PILE INSTALLATION
12	CORROSION OF SHEET PILES	SHEET PILE
13	DISPLACEMENT OF SHEET PILES DURING CONCRETE BACKFIL	BACKFILLING SHEET PILE WALL
14	GROUNDWATER BEHIND SHEET PILE	SHEET PILE

20 0 20 40 60 80

100mm ON ORIGINAL DRAWING

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE PRIOR TO ANY WORKS BEING PUT IN HAND.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE EXISTING STRUCTURE AT ALL TIMES DURING THE WORKS.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND RELEVANT SPECIFICATIONS.
6. ANY DISCREPENACIE BETWEEN THE INFORMATION GIVEN TO BE BROUGHT TO ATTENTION OF THE ENGINEER AS SOON AS POSSIBLE.
7. ALL MATERIALS USED IN THE WORKS SHALL BE TO BRITISH STANDARDS OR OTHER APPLICABLE SPECIFICATIONS.
8. ALL WORKS IS TO BE CARRIED OUT TO B.S CODES OF PRACTICE AND IN ACCORDANCE WITH GOOD WORKMANSHIP PRACTICE.
9. ALL PROPRIETARY MATERIALS USED IN WORKS ARE TO BE USED IN COMPLETE ACCORDANCE WITH MANUFACTURERS RECCOMENDATIONS.



SITE LOCATION
NTS
OS GRID REFERENCE: SH 44800 37100

FOR APPROVAL

REV	AMENDMENT	DRN	CHK	APP	DATE
B03	ISSUE FOR COMMENT	MS	WE	VF	23/02/2024
B02	ISSUE FOR COMMENT	MS	WE	VF	30/06/2023
B01	ISSUE FOR COMMENT	MS	WE	VF	23/06/2023
A01	DRAFT ISSUE FOR INFORMATION	MS	WE	VF	19/06/2023

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CROUCH WATERFALL

CLIENT

MPH CONSTRUCTION

PROJECT TITLE

AFON WEN
ELR:DJP
MILEAGE 127m 61ch-128m 11ch

DRAWING TITLE

PROPOSED SECTIONS

DRAWN	CHK	APP	DATE	SCALE
MS	WE	VF	JUN 23	AS SHOWN AT A1

PROJECT NUMBER	DRAWING NUMBER	REVISION
23162B	002	B03