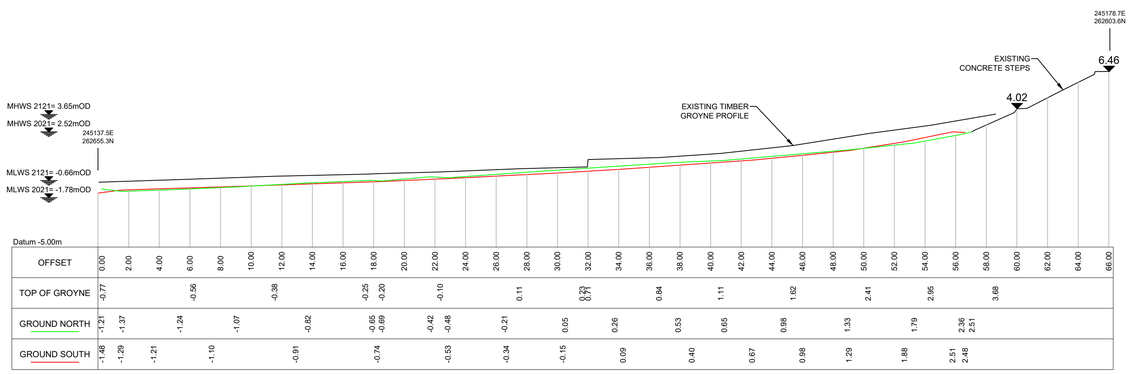
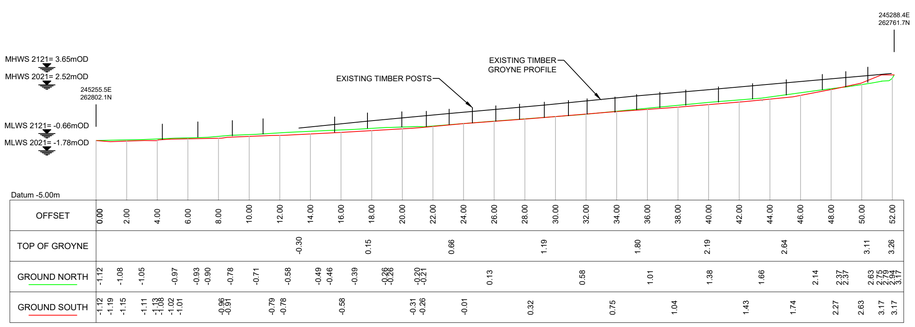
DO NOT SCALE



OFFSET	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	66.00
TOP OF GROYNE	-0.77			-0.56		-0.38			-0.25	-0.20		-0.10			0.11		0.23 0.41			0.84			1.11			1.62			2.41		2.95		3.68	
GROUND NORTH	-1.21	-1.37		-1.24		-1.07		-0.82		-0.65	-0.69	-0.42	-0.48		-0.21		0.05		0.26		0.53		0.65		0.98		1.33		1.79		2.36 2.51		
GROUND SOUTH	-1.48	-1.29		-1.21		-1.10		-0.91		-0.74		-0.53			-0.34		-0.15		0.09		0.40		0.67		0.98		1.29		1.88		2.51 2.48		

GROYNE 01 - EXISTING PROFILE

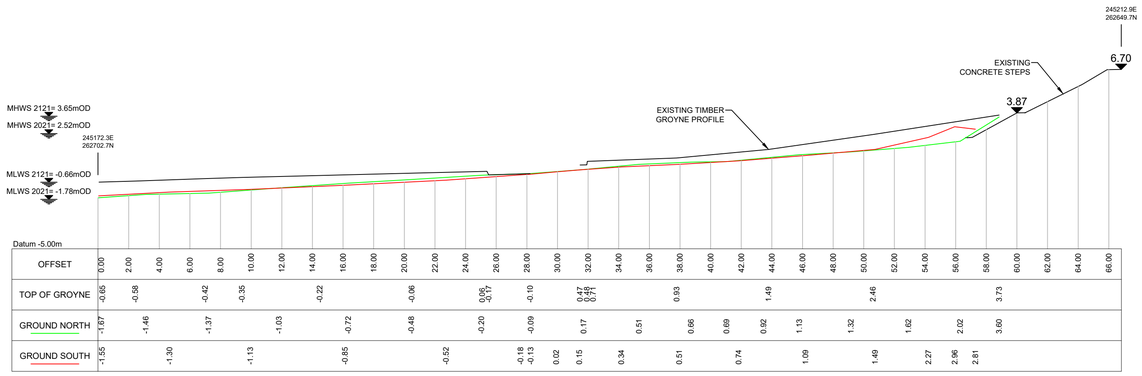
1:200



OFFSET	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00	52.00
TOP OF GROYNE								-0.30			0.15			0.66			1.19			1.80			2.19			2.64			3.11		3.26
GROUND NORTH	-1.12	-1.08		-1.05		-0.97	-0.93 -0.90		-0.78		-0.71		-0.58	-0.49 -0.46		-0.39	-0.26 -0.28	-0.20 -0.21		0.13			0.58			1.01			1.38		1.66		2.14	2.37 2.37	2.63 2.75 2.77
GROUND SOUTH	-1.12 -1.19	-1.15		-1.11 -1.13	-1.08 -1.12	-1.02 -1.01		-0.86 -0.91		-0.79 -0.78			-0.58		-0.31 -0.26		-0.01		0.32		0.75		1.04		1.43		1.74		2.27	2.63	3.17 3.17	

GROYNE 04 - EXISTING PROFILE

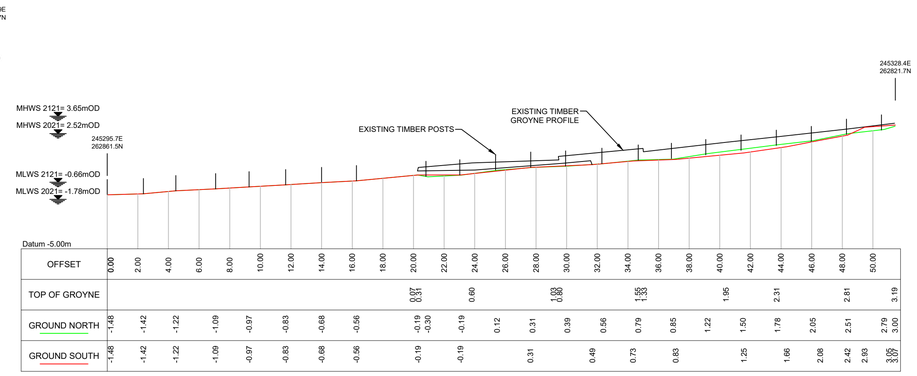
1:200



OFFSET	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	66.00
TOP OF GROYNE	-0.65	-0.58		-0.42		-0.35		-0.22			-0.06			0.06 -0.07	-0.10		0.47 0.41			0.93			1.49			2.46			3.73					
GROUND NORTH	-1.67	-1.46		-1.37		-1.03		-0.72		-0.48		-0.20		-0.09		0.17		0.51		0.66	0.69	0.92	1.13		1.32		1.62		2.02		3.60				
GROUND SOUTH	-1.55		-1.30		-1.13		-0.85		-0.52		-0.18 -0.13		0.02		0.15		0.34		0.51		0.74		1.09		1.49		2.27	2.96	2.81					

GROYNE 02 - EXISTING PROFILE

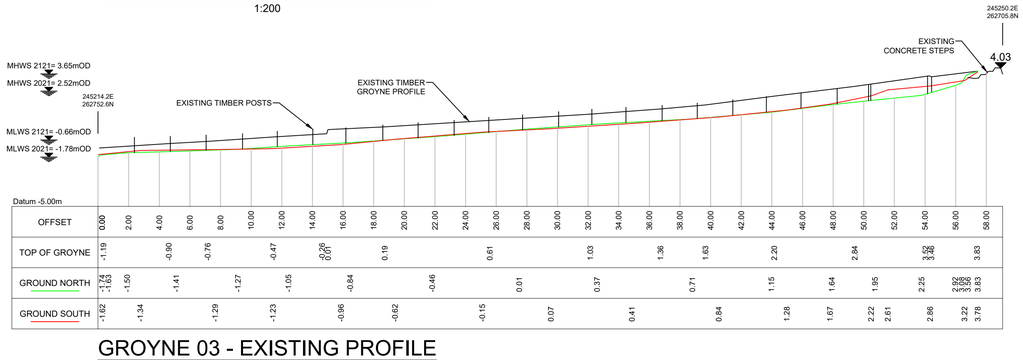
1:200



OFFSET	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00
TOP OF GROYNE											0.07 0.31			0.60			1.03 0.80			1.55 1.33			1.95			2.31			2.81		3.19
GROUND NORTH	-1.48	-1.42		-1.22		-1.09		-0.97		-0.83		-0.68		-0.56		-0.19 -0.39		-0.19		0.12		0.31		0.39		0.56		0.79		0.85		1.22		1.50		1.78		2.05		2.51		2.79 3.00
GROUND SOUTH	-1.48	-1.42		-1.22		-1.09		-0.97		-0.83		-0.68		-0.56		-0.19		-0.19		0.31		0.49		0.73		0.83		1.25		1.66		2.08		2.42		2.69		3.05 3.07

GROYNE 05 - EXISTING PROFILE

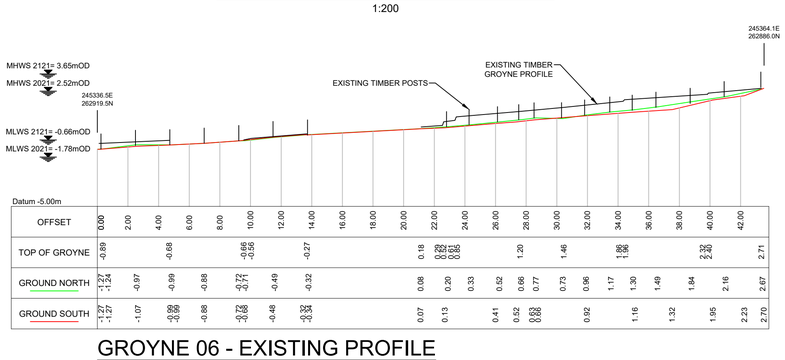
1:200



OFFSET	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00
TOP OF GROYNE	-1.19		-0.90		-0.76		-0.47		0.06 0.01		0.19			0.61			1.03			1.36		1.63		2.20			2.84		3.52 3.60		3.83
GROUND NORTH	-1.74 -1.63	-1.50		-1.41		-1.27		-1.05		-0.84		-0.46			0.01		0.37			0.71		1.15		1.64		1.95		2.25	2.02 2.08	3.58	3.83
GROUND SOUTH	-1.82	-1.34		-1.29		-1.23		-0.96	-0.62		-0.15		0.07		0.41		0.84			1.28		1.67		2.22	2.61		2.86		3.22		3.78

GROYNE 03 - EXISTING PROFILE

1:200



OFFSET	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00
TOP OF GROYNE	-0.89		-0.68		-0.66 -0.56		-0.27				0.18	0.29 0.21	0.35		1.20		1.46		1.86 1.96		2.32 2.30	2.71
GROUND NORTH	-1.27 -1.24	-0.97	-0.99	-0.88	-0.72 -0.71	-0.49	-0.32				0.08	0.20	0.33		0.52	0.66 0.68	0.77	0.73	0.96	1.17	1.30	1.49	1.84	2.16	2.67
GROUND SOUTH	-1.27 -1.27	-1.07	-0.99 -0.99	-0.88	-0.74 -0.68	-0.48	-0.33 -0.34				0.07	0.13		0.41	0.52	0.63 0.68		0.92		1.16	1.32	1.95	2.23	2.70	

GROYNE 06 - EXISTING PROFILE

1:200

NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS IN METRES TO ORDNANCE DATUM NEWLLYN.
3. TIMBER PILES AND TIMBER PLANKS SHOWN ARE BASED UPON THE TOPOGRAPHICAL SURVEY.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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

CONSTRUCTION

Potential for striking live underground services or unrecorded services.
Working in intertidal zone and potential for work area to become inundated.
Risk of collapse of unstable structures such as South Pier.
Access to the car park near the Yacht club is restricted as the area is used for boat storage during the winter.
Access to Quay Parade is narrow with parked vehicles present adjacent to the harbour wall.
The harbour is operational with small leisure craft and fishing boats accessing and egressing during high water.
Potential presence of Sabelleria at North Beach.
Presence of historic fish traps on South Beach to be demarked during construction.

MAINTENANCE/CLEANING

N/A

DECOMMISSIONING/DEMOLITION

N/A

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
C03	14/04/21	FOR PLANNING	DJW	MJT	RAM
C02	26/03/21	FOR PLANNING	DJW	MJT	RAM
C01	10/03/21	FOR CLIENT COMMENT	DJW	MJT	RAM

Drawing Status: FOR PLANNING
Suitability: A1

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Client: Cyngor Sir CEREDIGION County Council

Project Title: ABERAERON COASTAL DEFENCE SCHEME

Drawing Title: SOUTH BEACH EXISTING GROYNE SECTIONS

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	RAM	DJW	MJT	RAM
Original Size: A1	Date: 22/02/21	Date: 22/02/21	Date: 10/03/21	Date: 10/03/21

Drawing Number: 5182114-ATK-MAR-GEN-DR-C-8003
Revision: C03

USER: WILL6981
Date: 15/4/21 13:41:36
Filename: \\wsatkins.com\project\GBEMC\WGE\Projects\Water\20181749 Detailed\Design of Aberaeron Coastal Defence Scheme\7 WIP\7.7 Drawings\01-WIP\C\DR\5182114-ATK-MAR-GEN-DR-C-8000.dwg