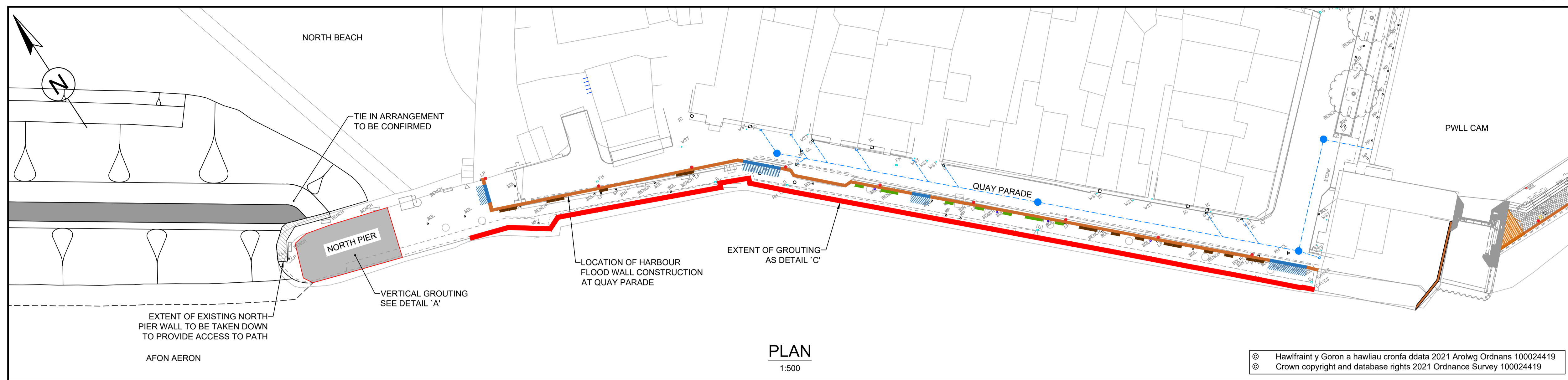


100
10
0
Millimetres

DO NOT SCALE

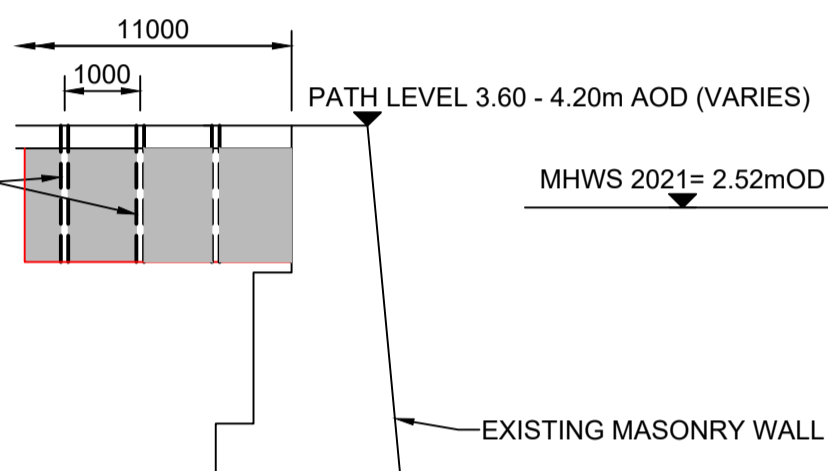


PLAN
1:500

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SLAB TO BE MONITORED FOR UPLIFT DURING GROUTING WHEREUPON ALL GROUTING SHALL CEASE

35mm DIA HOLES, DRILLED AT 1m CENTRES NORTH TO SOUTH AND 2m CENTRES EAST TO WEST, DRILLED IN A STAGGERED DIAMOND PATTERN AND INJECTED WITH CEMENT / PFA GROUT TO STABILISE LOOSE GROUND BELOW SLAB. SEE DETAIL 'B' BELOW. MAX DEPTH 1.5m.



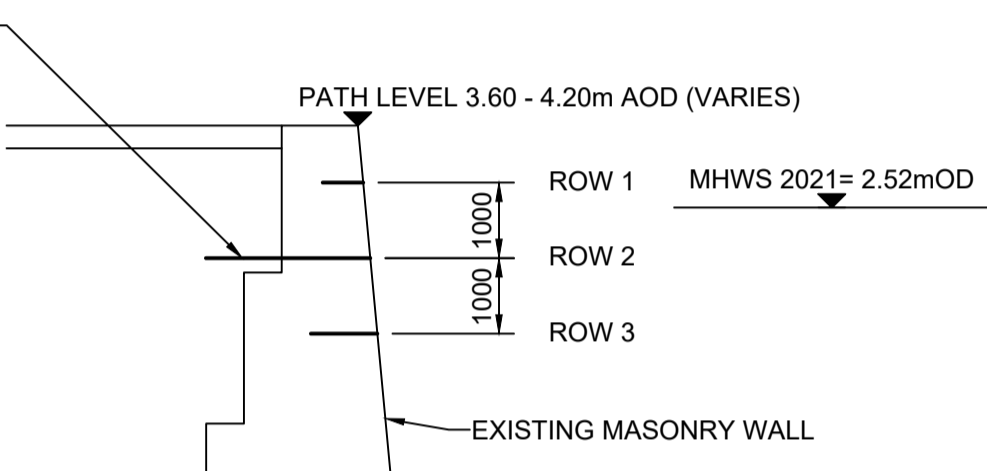
DETAIL 'A'

TYPICAL VERTICAL DRILL AND GROUT REPAIR SECTION

(WHERE REQUIRED AND INSTRUCTED ON SITE)

1:100

1. 35mm DIA HOLES AT 2m HORIZONTAL CENTRES AND 1m VERTICAL CENTRES, DIAMOND STAGGERED PATTERN OVER ENTIRE WALL FACE. DRILL HOLES TO BE PRESENT BETWEEN EXISTING MASONRY JOINTS AND INTO THE MORTAR. TOP AND BOTTOM ROW TO FILL VOIDS WITHIN WALL AND MIDDLE ROW TO FILL VOIDS BEHIND WALL - SEE DETAIL 'D' BELOW



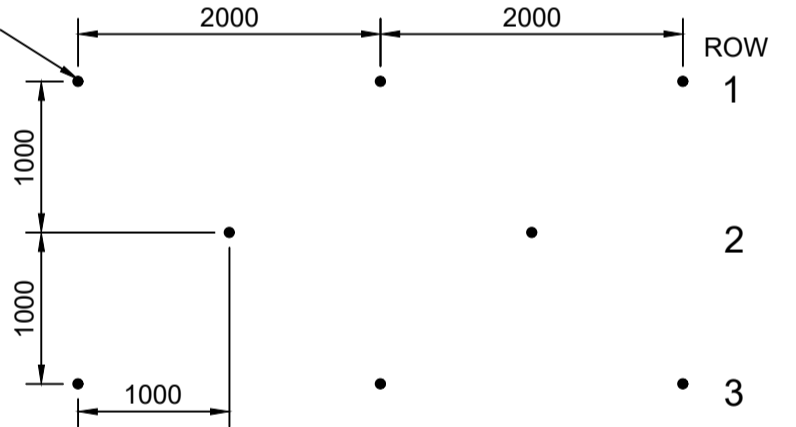
DETAIL 'C'

TYPICAL HORIZONTAL DRILL AND GROUT REPAIR SECTION

1:100

2. 17mm PLASTIC TUBES TO BE INSERTED INTO DRILL HOLES AND INJECTED WITH 1:2 LIME / CEMENT GROUT TO STABILISE WALL AND GROUND

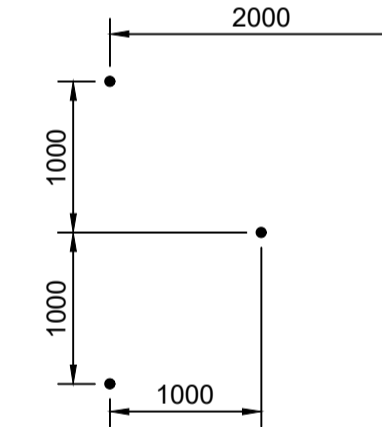
35mm DIA HOLES AT 2m HORIZONTAL CENTRES AND 1m VERTICAL CENTRES, DIAMOND STAGGERED PATTERN OVER ENTIRE WALL FACE. DRILL HOLES TO BE PRESENT BETWEEN EXISTING MASONRY JOINTS AND INTO THE MORTAR. TOP AND BOTTOM ROW TO FILL VOIDS WITHIN WALL AND MIDDLE ROW TO FILL VOIDS BEHIND WALL - SEE DETAIL 'C' ABOVE



DETAIL 'D'

TYPICAL HORIZONTAL DRILL AND GROUTING REPAIR DETAIL

1:50

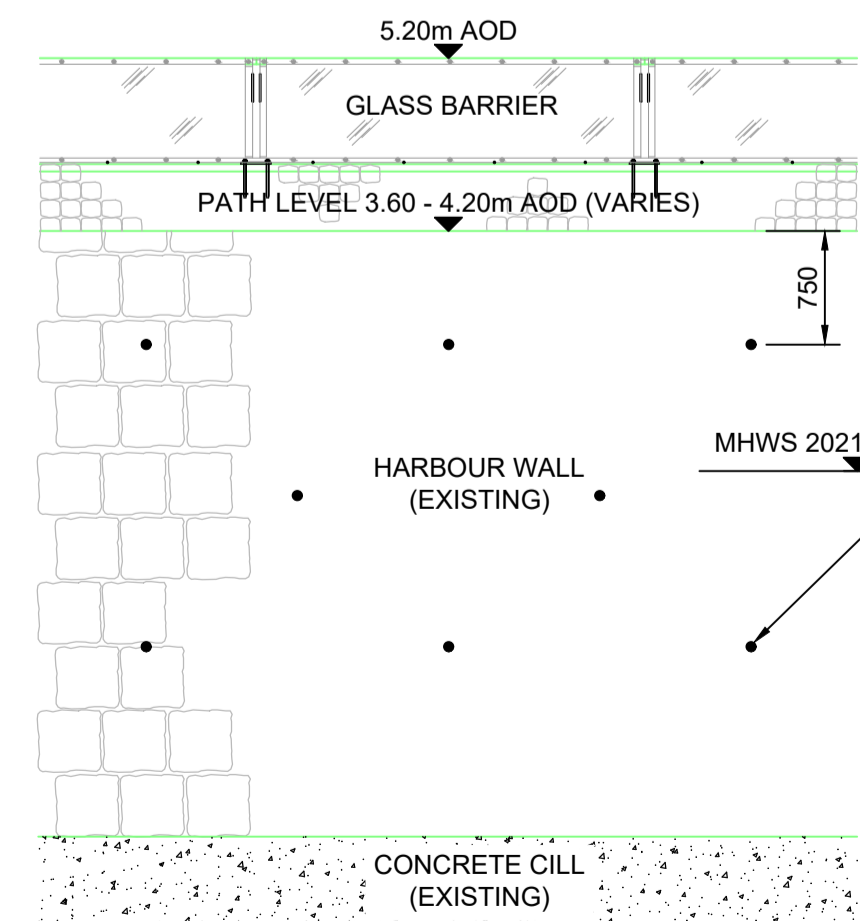


DETAIL 'B'

TYPICAL VERTICAL DRILL AND GROUTING REPAIR DETAIL

(WHERE REQUIRED AND INSTRUCTED ON SITE)

1:50



TYPICAL ELEVATION OF PROPOSED HARBOUR WALL

1:50

NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS IN METRES TO ORDNANCE DATUM NEWLYN.

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 Sabellaria 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	16/04/21	FOR PLANNING	DJW	MJT	RAM
C02	26/03/21	FOR PLANNING	DJW	MJT	RAM
C01	10/03/21	FOR CLIENT COMMENT	DJW	MJT	RAM

Rev.	Date	Description	By	Chk'd	App'd
C03	16/04/21	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: **QUAY PARADE AND NORTH PIER GROUTING DETAILS**

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	RB	DJW	MJT	RAM
Original Size	Date	Date	Date	Date
A1	22/02/21	22/02/21	10/03/21	10/03/21
Drawing Number	Revision			
5182114-ATK-MAR-GEN-SK-C-5004	C03			