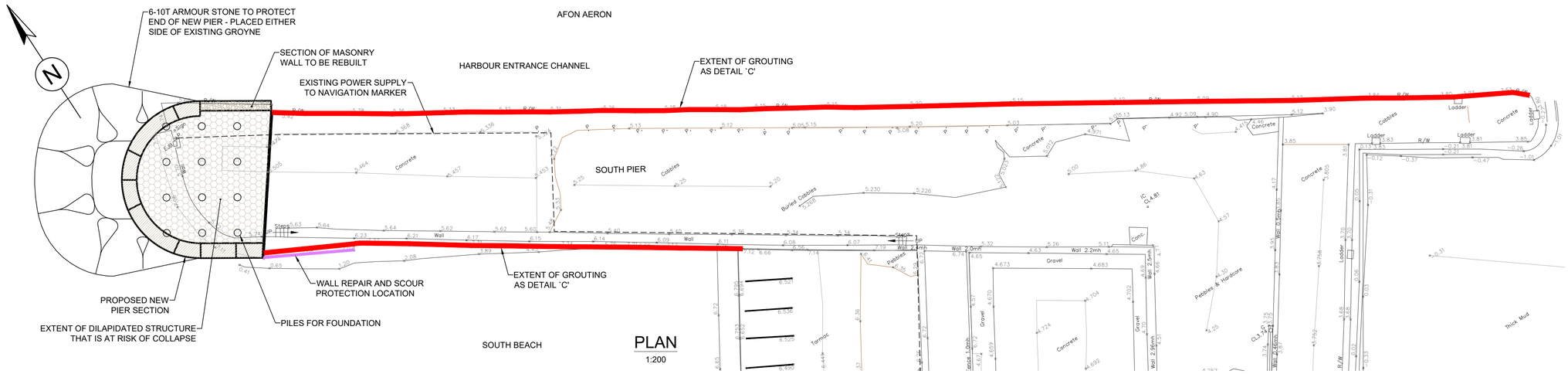
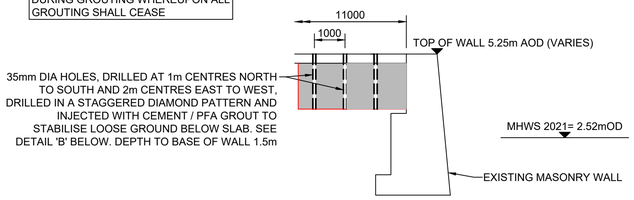
DO NOT SCALE



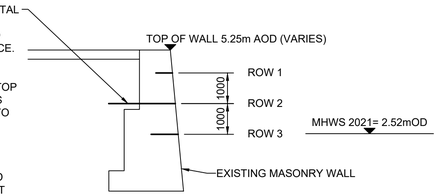
PLAN
1:200

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

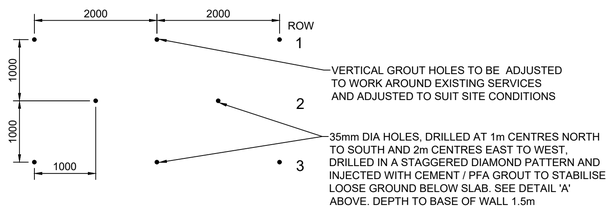


DETAIL 'A'
TYPICAL VERTICAL DRILL AND GROUT REPAIR SECTION
(WHERE REQUIRED AND INSTRUCTED ON SITE)
1:100

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



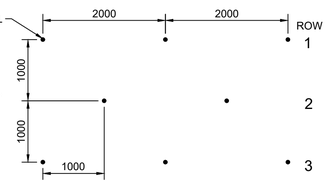
DETAIL 'C'
TYPICAL HORIZONTAL DRILL AND GROUT REPAIR SECTION
1:100



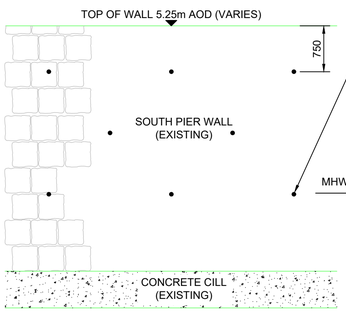
DETAIL 'B'
TYPICAL VERTICAL DRILL AND GROUTING REPAIR DETAIL
(WHERE REQUIRED AND INSTRUCTED ON SITE)
1:50

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' BELOW

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



DETAIL 'D'
TYPICAL HORIZONTAL DRILL AND GROUTING REPAIR DETAIL
1:50



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

TYPICAL ELEVATION OF PROPOSED SOUTH PIER 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 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
C02	16/04/21	FOR PLANNING	DJW	MJT	RAM
C01	26/03/21	FOR PLANNING	DJW	MJT	RAM

Drawing Status: FOR PLANNING

Suitability: A1

ATKINS
West Glamorgan House
12 Orchard Street
Swansea
SA1 5AD
Tel: +44 (0)1792 641172
Fax: +44 (0)1792 472019
www.atkinsglobal.com

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Client: Cyngor Sir CEREDIGION County Council

Project Title: ABERAERON COASTAL DEFENCE SCHEME

Drawing Title: SOUTH PIER GROUTING DETAILS

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	DJW	DJW	MJT	RAM
Original Size: A1	Date: 23/03/21	Date: 23/03/21	Date: 26/03/21	Date: 26/03/21

Drawing Number: 5182114-ATK-MAR-GEN-DR-C-7003

Revision: C02

USER: WILL6981 Date: 15/4/21 12:56:53 Filename: \\wsatkins.com\project\GBEMC\WGE\Projects\Wales\2018\749 Detailed\Design of Aberaeron Coastal Defence Scheme\7 WIP\7.7 Drawing\01-WIP\CDR\5182114-ATK-MAR-GEN-DR-C-7003.dwg