


WORK AREAS
Areas of work still to complete post October 2022.
1. - West Quay suspended deck.

Marine Works that will extend past 2022

Marine works to be completed by 31 October 2022/Works above mean high water mark

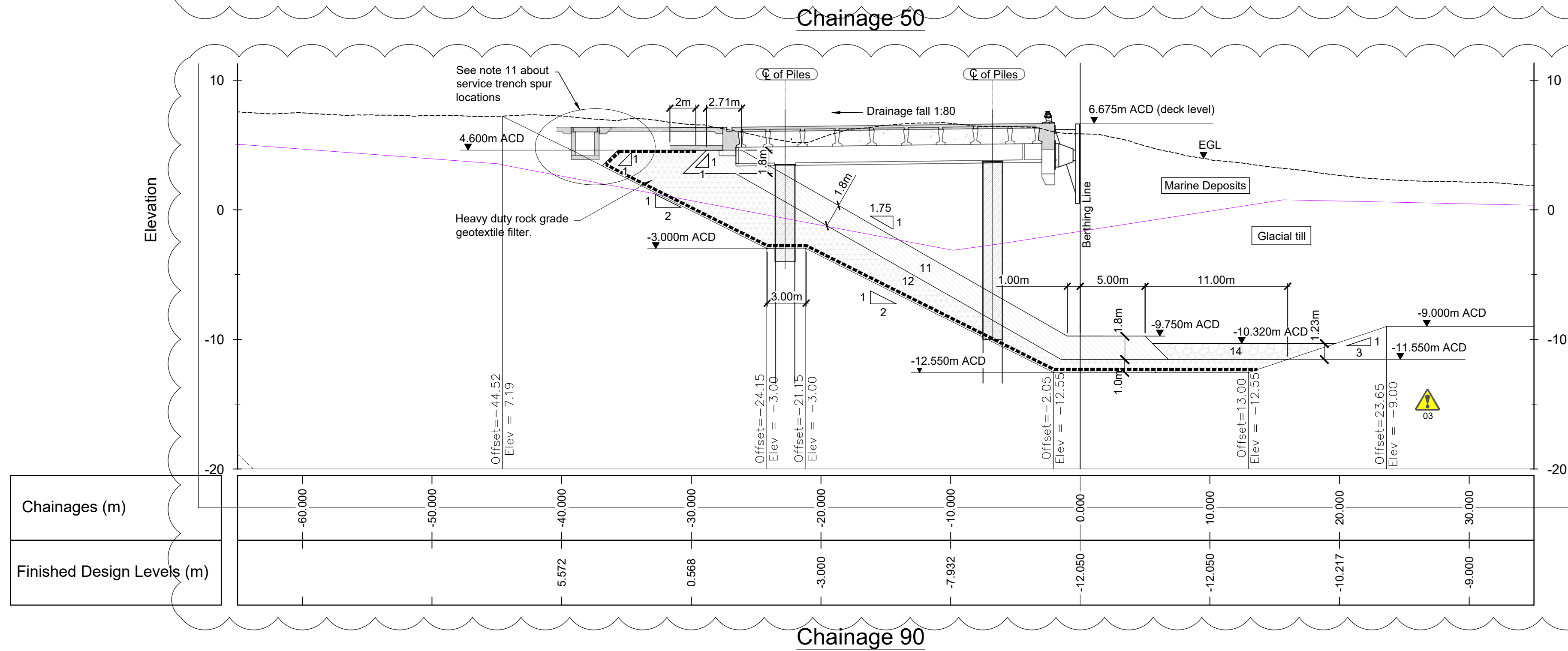
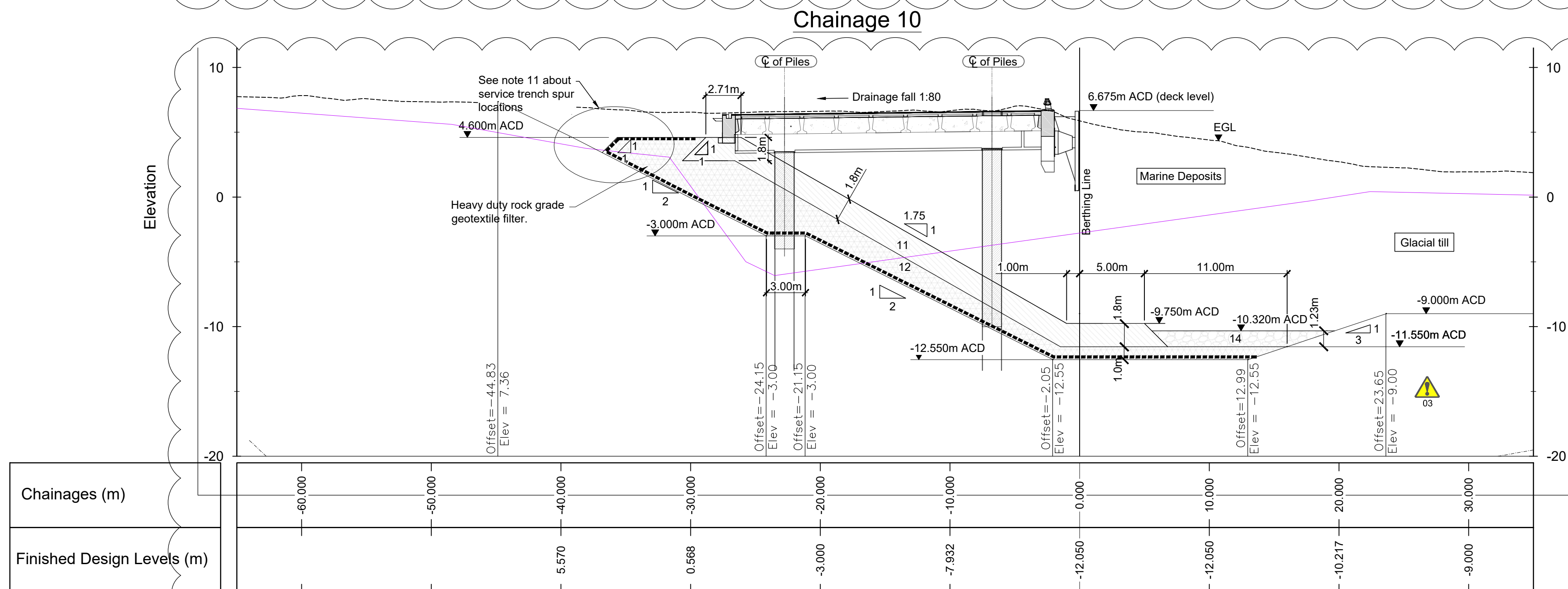
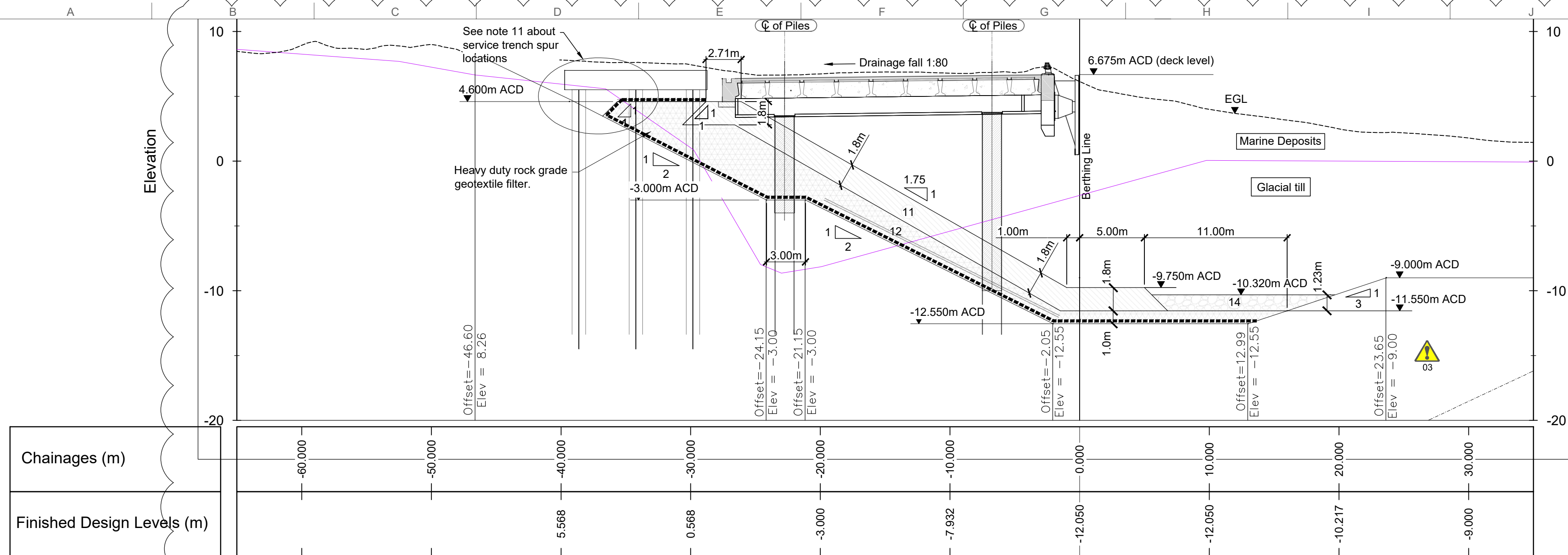
A	2/11/20	Site Boundary drawing prepared	
Rev:	Date:	Revision:	By:














ABERDEEN HARBOUR
EST. 1136

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Title: 2022 Marine Licence application West Quay suspended deck		
Date: 15/06/2022	Designed by: KS Drawn by: KS Checked by:	Drawing Number: AHB-001-003
Scale(s):	Approved by:	






Legend:

	EGL profile
	Glacial till level profile
	Rock level profile
	1-3 tonnes Rock armour
	Core material
	Rock bedding layer: weight 300-1000kg
	Geotextile filter layer
	Temporary slopes shown indicatively only. These will be subject to natural material properties.
	Dredge line
WQ 	West Open Quay Dredge setting out point
SOP 	West Open Quay Alignment setting out po

<u>Tidal level</u>	<u>(m A.C.D.)</u>
HAT	4.80
MHWS	4.30
MHWN	3.40
MSL	2.56
MLWN	1.60
MLWS	0.60
LAT	0.00

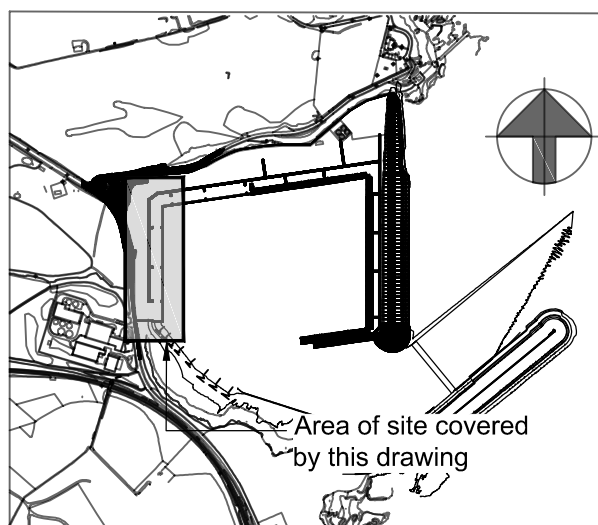
HEALTH AND SAFETY INFORMATION

SIGNIFICANT OR EXCEPTIONAL RISKS ARE IDENTIFIED BELOW

- | | |
|---|--|
|  | 1. The potential risk of alternative ground conditions or less favourable slope angles should be noted. |
|  | 2. Preparation of bed for revetment construction may require divers working on temporary seabed profile. Stability of seabed should be verified by the contractor. |
|  | 3. There is the potential for boulders within the glacial till deposits which could cause dredging equipment to become caught. |

Notes:

1. All dimensions are in meters (m) unless noted otherwise.
2. All levels are given in meters above admiralty chart datum (A.C.D.) unless noted otherwise.
3. Seabed, soil and rock levels have been interpreted from ground investigation information and will vary.
4. Level control for both vertical and horizontal directions in accordance with Materials and Workmanship Specification.
5. The slope angles shown assume permanent conditions only. The risk to fine erodible silts and clays in the cut face during temporary conditions is highlighted. Crest loading of up to 20KPa allowed for in the temporary case.
6. The pipework that is running from bulkier pits and underslung below the deck and through into service trench branch will be positioned lower than the current geotextile layer shown in the section. In these areas the geotextile will be cut back, the earthworks excavated locally and the geotextile repositioned to provide the required depth for the structure.
7. Position of Glacial till to rock transition based on interpretation of existing information. Location shown is indicative only and may vary based on findings of dredge operations.
8. This drawing is to be printed in colour.
9. For superstructure details please refer to drawing set **DRA-P-NOQ-NOQ003-DWG-180200** series
10. For piling details, please refer to drawing set **DRA-P-NOQ-NOQ001-DWG-180200** series.
11. In areas where there is a service trench spur, the back beam of the suspended deck will be locally deepened. The rockfill that has been placed previously will be removed and the heavy duty geotextile will be cut and placed below the spur.



Key Plan

4	27/02/2019	PC	LG	NL
Issue for Approval				
3	12/10/2018	PC	LG	NL
Issue for Approval				
2	01/02/2018	MKH	LG	JPS
Issue for Approval				
Issue	Date	By	Chkd	Appd

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Client

DRAGADOS

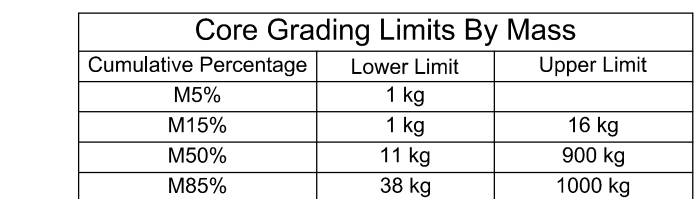
Job Title

Aberdeen Harbour Expansion Project

Drawing Title

West Quay
Scour and Revetment
Cross Sections
Sheet 1

Arup Job No	253300-00	Scale at A1	H & V 1:250
Discipline	Civil Geotechnical		
Drawing Status			Rev
IFA			4
Drawing No			
DRA-P-WEQ-WQ0002-DWG-800001-001			



*DUK to resolve core material grading query as per AHEP-ARP-PRW-TQY-0017.

Notes:

For details of general dredging to this area, refer to drawings:

1. DRA-P-DRE-D00001-DWG-800001-000 General Dredging Key Plan
2. DRA-P-DRE-D00001-DWG-800001-001 to 008 General Dredging Typical Cross Sections
3. DRA-P-DRE-D00001-DWG-800002-000 Setting out overall layout

For details of North Open Quay, refer to drawings:

1. DRA-P-NOQ-NOQ002-DWG-800001-000 Scour and Revetment Detailed Plan and Setting out
2. DRA-P-NOQ-NOQ002-DWG-800001-001 to 003 Scour and Revetment Cross Sections

For West Quay, refer to drawing:

1. DRA-P-WEQ-WQ0002-DWG-800001-000 Scour and Revetment Detailed Plan and Setting Out

