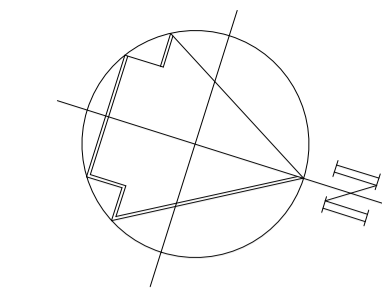
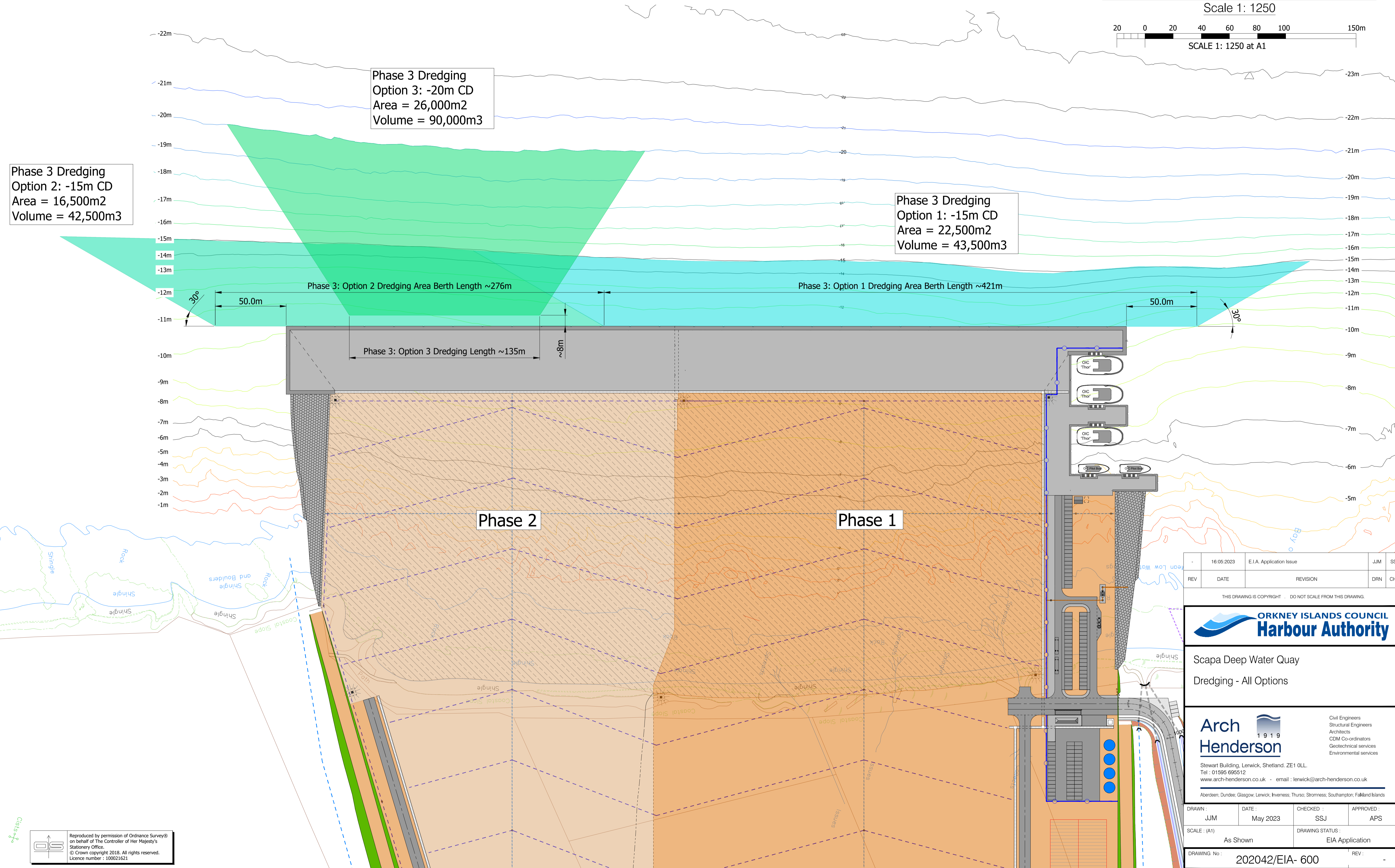
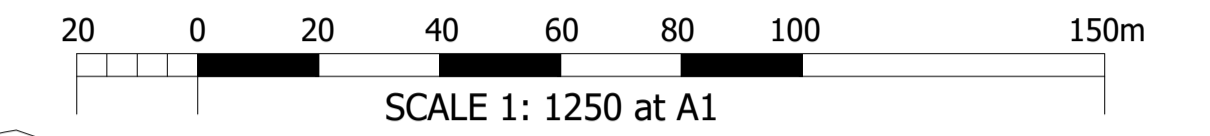


Chart Datum (Scapa Flow)	Ordnance Datum (Newlyn)	Quay Heights and Tide Data Scapa Deep Water Quay
+7.00m	+5.31m	Quay Edge Level
+3.60m	+1.91m	Mean High Water Spring Tides
+1.69m	0.00m	Ordnance Datum (Newlyn)
+0.70m	-0.99m	Mean Low Water Spring Tides
0.00m	-1.69m	Chart Datum (Scapa Flow)
-5.00m	-6.69m	
-10.00m	-11.69m	
-15.00m	-16.69m	
-20.00m	-21.69m	



ORKNEY ISLANDS COUNCIL
SCAPA DEEP WATER QUAY
DREDGING LAYOUT - ALL OPTIONS

Scale 1: 1250



Phase 3 Dredging
Option 2: -15m CD
Area = 16,500m²
Volume = 42,500m³

Phase 3 Dredging
Option 3: -20m CD
Area = 26,000m²
Volume = 90,000m³

Phase 3 Dredging
Option 1: -15m CD
Area = 22,500m²
Volume = 43,500m³

Phase 3: Option 2 Dredging Area Berth Length ~276m

Phase 3: Option 1 Dredging Area Berth Length ~421m

Phase 3: Option 3 Dredging Length ~135m

Phase 2

Phase 1

REV	DATE	REVISION	DRN	CHK
-	16.05.2023	E.I.A. Application Issue	JJM	SSJ

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Scapa Deep Water Quay
Dredging - All Options

Arch Henderson 1919

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Environmental services

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DRAWING No : 202042/EIA- 600			REV : -

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