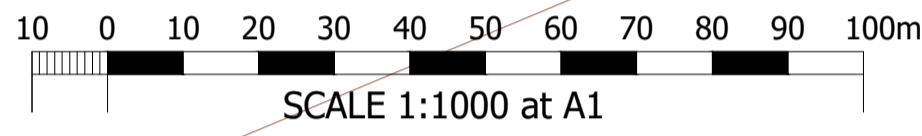


ORKNEY ISLANDS COUNCIL
SCAPA DEEP WATER QUAY
PHASE 1 SITE LAYOUT
Scale 1: 1000



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Overburden from site clearance stored in bund above site

Hardcore Surfaced Storage Area
Storage Capacity 25T/m²
Shaded Area - Reclaimed Land
55,500 m² / 5.550 Ha / 13.71 Acres

Hardcore Surfaced Storage Area
Storage Capacity 25T/m²
Total Area
113,000 m² / 11.300 Ha / 27.92 Acres

Hardcore Surfaced Storage Area
Storage Capacity 25T/m²
Excavated Land
57,500 m² / 5.750 Ha / 14.21 Acres

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	

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



Scapa Deep Water Quay
Phase 1 Overall Layout

Arch Henderson 1919
Civil Engineers
Structural Engineers
Architects
CDM Co-ordinators
Geotechnical services
Environmental services
Stewart Building, Lerwick, Shetland, ZE1 0LL.
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DRAWN	DATE	CHECKED	APPROVED
JJM	May 2023	SSJ	APS

SCALE: (A1)
As Shown
DRAWING STATUS: EIA Application
DRAWING No: 202042/EIA- 400
REV: -