

OIC Tug and Pilot Boat Vessels

Rock Armour Revetment

Septic Tank and Tanker

Loop Road for Parking / Busses / OIC Quay

Site Parking - 40 Spaces

Site Water Tanks

Site Entrance Building:  
Site Security;  
Switchgear; First Aid

Site Parking - 45 Spaces

Concrete Deck Slab Adjacent to Quay ~46m wide

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

**ORKNEY ISLANDS COUNCIL**  
**SCAPA DEEP WATER QUAY**  
**PHASE 1 SITE LAYOUT**  
**DETAILED SITE ENTRANCE LAYOUT**  
Scale 1: 500

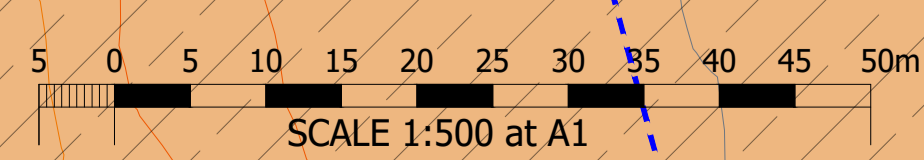


Chart Datum (Scapa Flow)	Ordnance Datum (Newlyn)	Quay Heights and Tide Data Scapa Deep Water Quay
+7.00m	+5.31m	Quay Edge Level
+3.60m	+1.91m	Mean High Water Spring Tides
+1.69m	0.00m	Ordnance Datum (Newlyn)
-0.70m	-0.99m	Mean Low Water Spring Tides
0.00m	-1.69m	Chart Datum (Scapa Flow)
-5.00m	-6.69m	
-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 Detailed Site Entrance Layout

**Arch Henderson** 1919

Civil Engineers  
Structural Engineers  
Architects  
CDM Co-ordinators  
Geotechnical services  
Environmental services

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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- 401