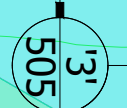


Phase 3 Dredging
Option 2: -15m CD
Area = 16,500m²

For Sections -
See Drg 202043/SPD-505



MV Les Alizes 240m x 52m

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

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	

Concrete Deck Slab Adjacent to Quay
~46m wide. Deck Area 24250m²
Deck Loading Capacity 25T/m²

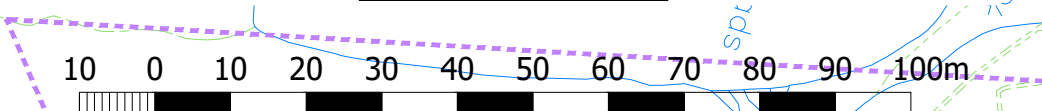
Hardcore Surfaced Storage Area
Storage Capacity 25T/m²
Shaded Area - Reclaimed Land: Phase 1
55,500 m² / 5.550 Ha / 13.71 Acres
Shaded Area - Reclaimed Land: Phase 2
49,000 m² / 4.900 Ha / 12.11 Acres

Hardcore Surfaced Storage Area
Storage Capacity 25T/m²
Total Area: Phase 1 & 2
201,500 m² / 20.150 Ha / 49.79 Acres

Hardcore Surfaced Storage Area
Storage Capacity 25T/m²
Excavated Land: Phase 1
57,500 m² / 5.75 Ha / 14.21 Acres
Excavated Land: Phase 2
39,500 m² / 3.95 Ha / 9.76 Acres

ORKNEY ISLANDS COUNCIL
SCAPA DEEP WATER QUAY
PHASE 2 SITE LAYOUT

Scale 1: 1000



SCALE 1:1000 at A1

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

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Scapa Deep Water Quay
Phase 1 Overall Layout

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JJM	May 2023	SSJ	APS

SCALE: (A1) As Shown DRAWING STATUS: EIA Application

DRAWING No: 202042/EIA- 500 REV: -