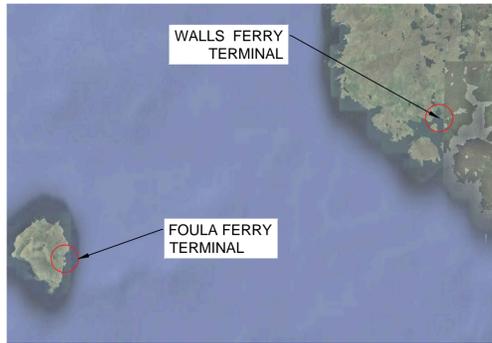




NTS



NTS

1) CURRENT CONDITION		
1.1	Current Main Vessel	Size: MV NEW ADVANCE • Loa = 9.8m • Beam = 4.05 m • Draught = 1.72 m Capacity: • 12 passengers • 1 (small) PCU
1.2	Breakwater	120m long
1.3	Ferry Berth	• Pontoon held in position by two piles, with passengers access via a canting brow. • The vessel moves alongside the quay for freight loading.
1.4	Parking/waiting area	Dedicated
1.5	Facilities	Toilet, waiting room & freight store



Scale approx. 1:1000

2) FULL OR PARTIAL RO-RO SERVICE Possible upgrade		
2.1	Vessel	Assumed a <i>catamaran</i> type Loa = 20m, B = 6m.
2.2	Hard ramp	Provide the quay with a hard ramp (block). See note 7. Please note that the block arrangement is suitable for operations under a specific tide level range and under calm conditions.
2.3	Safety piles	Safety (berthing) piles to avoid possible ship impact to the jetty.
2.4	Parking/waiting area	Ferry related parking area will have to be relocated. It is proposed to move it in front of the waiting room. Existing storage compound will need to be relocated.

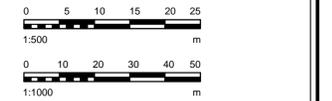


Scale approx. 1:500

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SHETLAND TIDAL LEVELS

LOCATION	MHWS	MHWN	MLWN	MLWS
Bay of Quendale	1.7	1.4	0.9	0.6
Hillswick	2.0	1.6	0.8	0.4



ORIGINAL DIMENSION 90mm

Reference Drawings:

Rev	Date	Details
A	15/06/16	PBA comments

Client:



Project:
SHETLAND INTER-ISLAND TRANSPORT STUDY

Title:
WALLS OPTIONEERING



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Status:	FOR DISCUSSION	Scale at A1 Original:	AS SHOWN
Drawn:	DP	Checked:	GR
		Date:	22/03/16
Drawing Number:	1537-01-402	Revision:	A