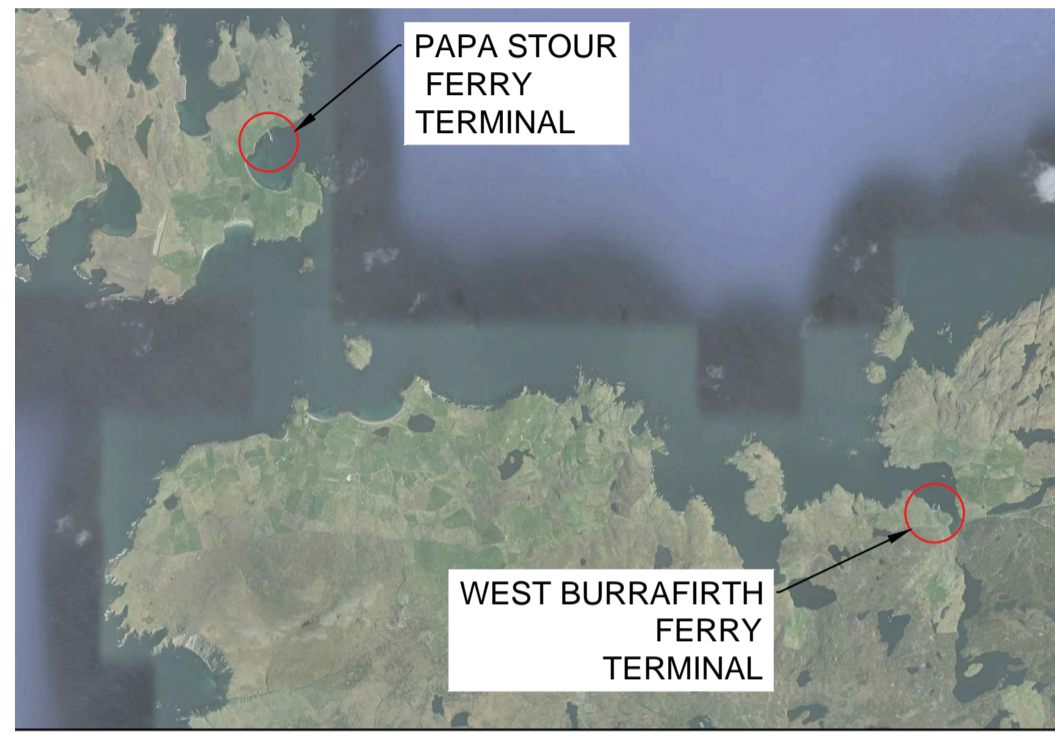




NTS



NTS

1) CURRENT CONDITION

1.1	Current Main Vessel	<p>Size: MV SNOLDA • Loa = 24.4 m • Beam = 7 m • Draught = 3.36 m</p> <p>Capacity: • 12 passengers • 6 PCU</p>
1.2	RoRo Ferry Berth	<ul style="list-style-type: none"> • 45m long concrete piled jetty. It extends 35 m from the end of the linkspan. • Vertical and horizontal rubber D type fenders.
1.3	Linkspan	Small 4.5 m wide x 13.915 m long
1.4	Lay-by berth	Approx. 45m
1.5	Parking/waiting area	Non dedicated
1.6	Facilities	Toilet, waiting room & freight store



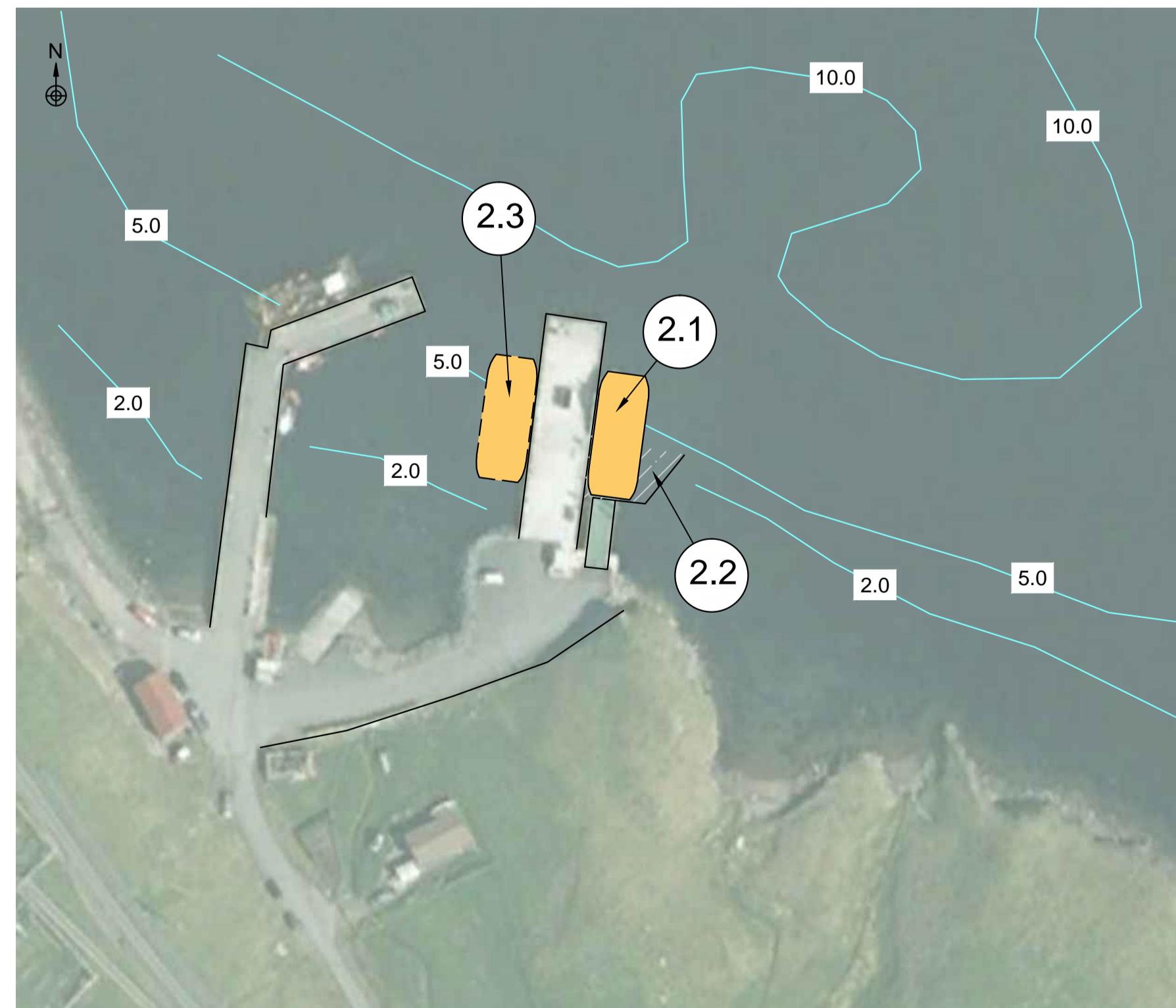
Scale approx. 1:2000

2) LIKE FOR LIKE OPTION No Terminal upgrades

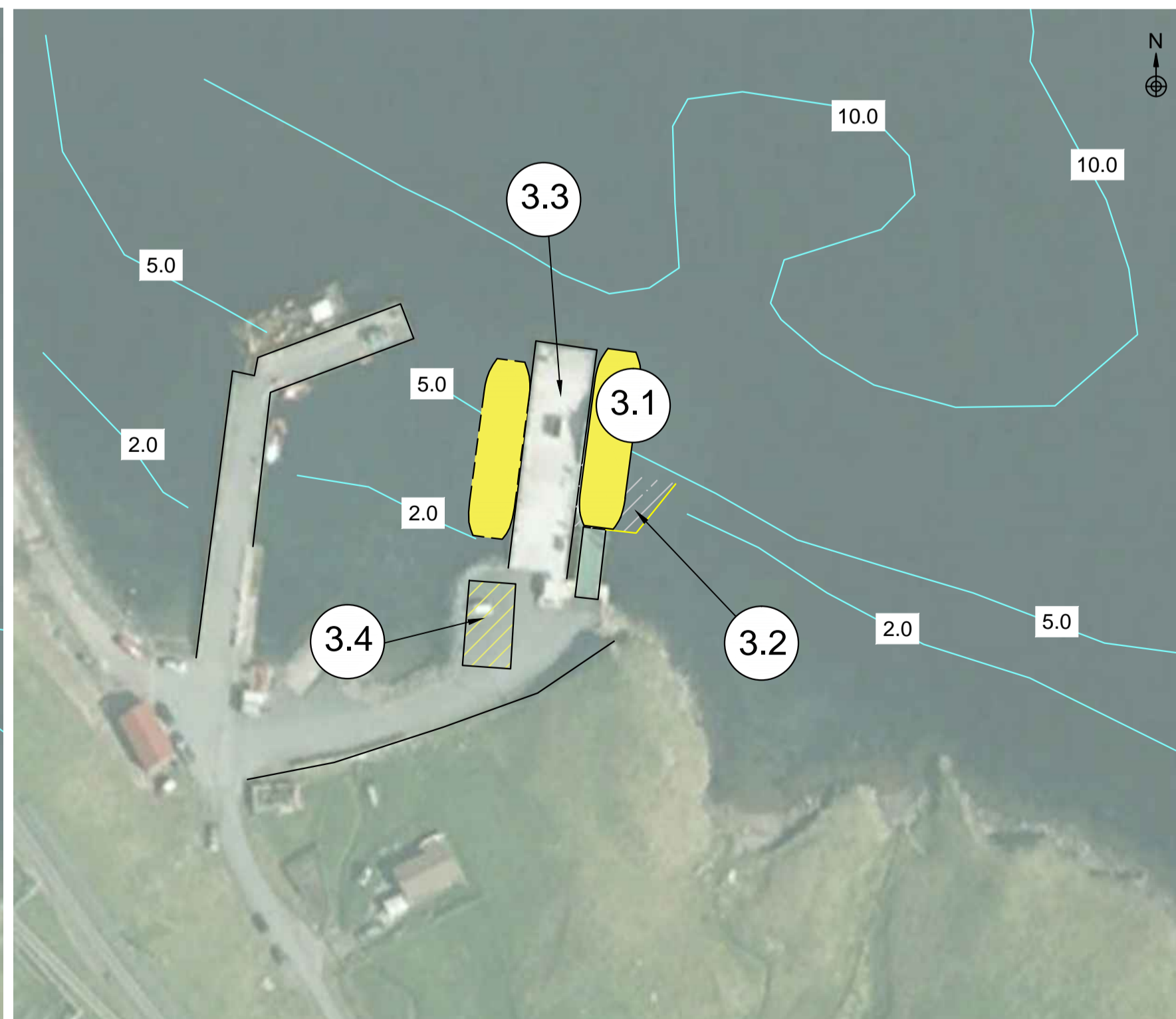
2.1	Vessel	<p>Specific vessel based on MV SNOLDA:</p> <ul style="list-style-type: none"> • Loa = 25 m • Beam = 10 m • Draught = 3.36 m <p>Capacity: • 12 passengers • 6 PCU</p>
2.2	Dredging	Some minimum dredging may be required.
2.3	Lay-by Berth	Well sheltered. Safely overnight berthing. See notes 7 & 8.

3) LARGER VESSEL Terminal upgrades

3.1	Vessel	<p>Specific vessel based on MV Filla:</p> <ul style="list-style-type: none"> • Loa = 35 m • Beam = 9 m • Draught = 3.05 m <p>Capacity: • 30 passengers • 8 PCU</p>
3.2	Dredging	Some minimum dredging may be required.
3.3	RoRo Ferry Berth	Installation new bollards and fenders (see notes 7, 8 & 9).
3.4	Parking	Recommended provision of a dedicated parking/waiting area.



Scale approx. 1:1000

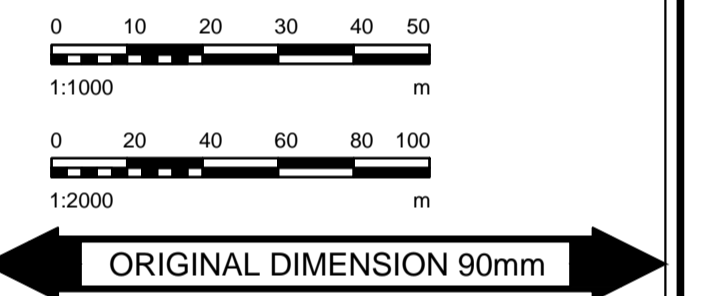


Scale approx. 1:1000

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 5. IMAGERY FROM GOOGLE EARTH.
 6. BED LEVELS FROM ADMIRALTY CHART 3299 PLANS IN THE SHETLAND ISLANDS.
 7. BERTH STRUCTURE REQUIRES FURTHER ASSESSMENT TO ESTABLISH NECESSARY REPAIRS/STRENGTHEN WORKS OR COMPLETE REPLACEMENT TO COMPLY WITH A 30 YEARS SERVICE LIFE.
 8. FENDERS AND BOLLARDS FOR OVERNIGHT MOORING REQUIRE FURTHER ASSESSMENT TO ESTABLISH THEIR ADEQUACY FOR LARGER VESSELS.
 9. IF BERTH REQUIRES ANY MODIFICATION FOR A 30 YEARS SERVICE LIFE EXTENSION, IT IS RECOMMENDED TO UPGRADE / REPLACE LINKSPAN.

SHETLAND TIDAL LEVELS

LOCATION	MHWS	MHWN	MLWN	MLWS
Hillswick	2.0	1.6	0.8	0.4



Reference Drawings:

B	18/07/16	SIC comments
A	15/06/16	PBA comments
Rev	Date	Details

Client:



Project:
SHETLAND INTER-ISLAND TRANSPORT STUDY

Title:
WEST BURRAFIRTH OPTIONEERING



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Status:	FOR DISCUSSION	Scale at A1 Original: AS SHOWN
Drawn:	DP	Checked: GR
Drawn:	DP	Date: 24/03/16
Drawn Number:	1537-01-502	Revision: B