






TOPOGRAPHIC/BATHYMETRIC TRANSECT PARAMETERS

ITEM	DESCRIPTION	DISTANCE (m)	POSITION - OSGB	LEVEL - CD
1	Landward extent of transect AB (A)	-65	210799.6 744931.0	7.45 m
2	Intermediate point on transect AB (X)	+38.4	210889.6 744879.8	-3.7
3	Intermediate point on transect AB (Y)	+49	210898.9 744874.6	-4.1
4	Seaward extent of transect AB (B)	+143	210980.9 744828.2	-15.4m

DRAWING LEGEND

-  Level of surveyed seabed/foreshore/hinterland
-  Level of existing stone bankseat and jetty
-  Proposed concrete bankseat and roadway
-  Floating pier components
-  Section through timber transport vessel berthed alongside with loaded draft

LEVELS & TIDAL HEIGHT PREDICTIONS


Predicted heights:		UKHO Bonawe (m)	SAMS Rubha Na Creige (m)	Calculated for Site (m)
		Highest Astronomical Tide (HAT)	2.3	2.3
Mean High Water Springs (MHWS)		2.0	2.1	2.1
Mean High Water Neaps (MHWN)		1.2	1.6	1.6
Mean Sea Level (MSL)		1.2	1.2	1.2
Mean Low Water Neaps (MLWN)		0.5	0.8	0.8
Mean Low Water Springs (MLWS)		0.2	0.4	0.4
Lowest Astronomical Tide (LAT)		0.0	0.1	0.2

UKHO Chart Datum depth below Ordnance Datum (Newlyn) N/A N/A 0.68

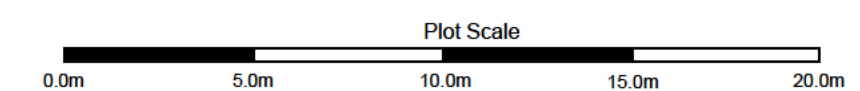
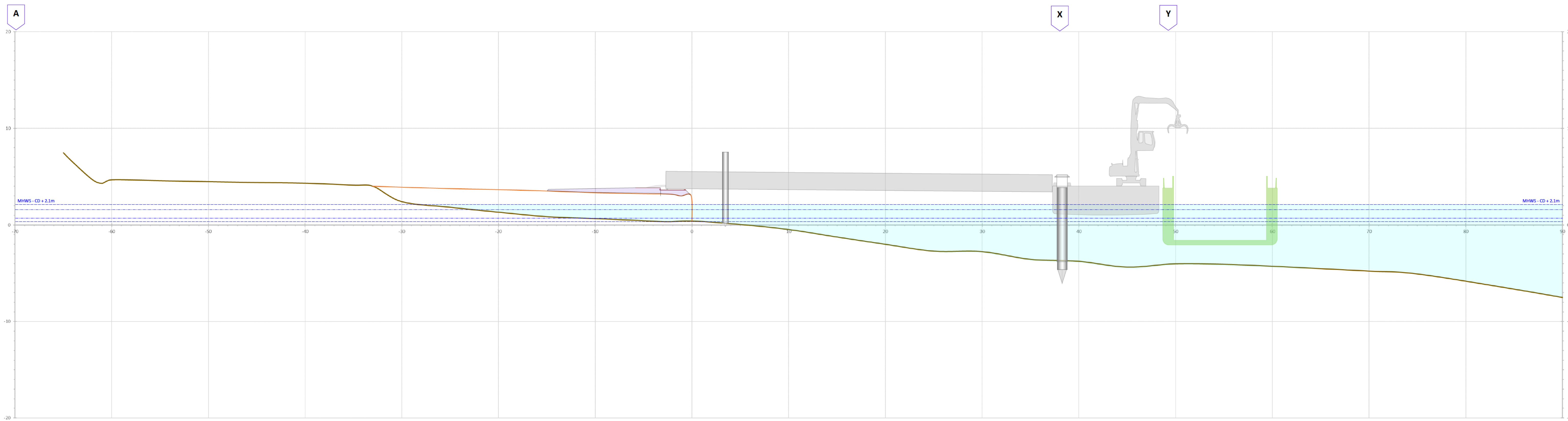
Mean tidal range: Mean Spring Tidal Range: 1.8 1.7 1.7
 Mean Neap Tidal Range: 0.7 0.8 0.8

Historical storm level records: Local records not available to this limited study, but highest level recorded at Oban SEPA tide gauge since 2012 is 0.92m above Oban high tide on 3rd January 2014. Assuming the same surge height above MHWS at this site would give an extreme storm surge level of 3.08m above CD, excluding wave-runup. Survey of storm flotsam (logs) onsite supports the assumption that storm surge levels are likely to be in the region of 3.1m

Note: Predicted tidal heights and the difference between CD and OD for the site are based on a limited tidal height survey on 01/11/19, SEPA tide gauge data from Oban, and extrapolation of local UKHO predictions. Predicted levels should be regarded as indicative only, and further investigation is recommended to confirm assumptions and improve confidence.





PROPOSED LOCH ETIVE TIMBER LOADING FACILITY	
UPPER LOCH ETIVE	
MHWS ELEVATION - LONG SECTION	
<i>Scale 1:200 @ A1 print</i>	
Issue date:	02/02/2023
Version:	v03-A1
Drawn for:	JST Services (Scotland) Ltd
Drawn by:	C D CAMPBELL MARINE CONTRACTS
Client contact:	Gordon Clarkson
Drawing No:	JST-ETIVE-2023-DRW-003-
	
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PLOT 1: LONG SECTION OF TRANSECT AB- bearing 30.2° / 210.2° - MHWS TIDE LEVEL (CD +2.10m) - linkspan drawn with 0.8° slope






Legend

-  Proposed New Pier Location
-  Typical Barge dimensions
-  SPA data
-  SSSI Scotland Data

FEATURES_POINT_2020

-  FEATURES_POINT_2020

