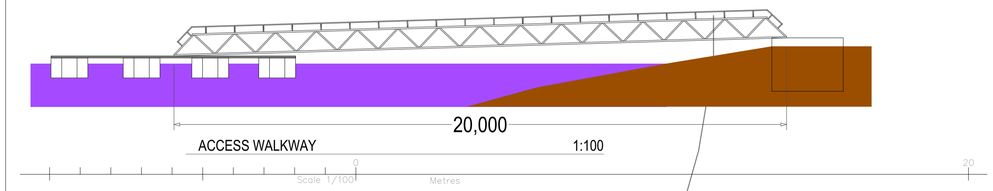


Camas na Muice

57°20.067
005°38.356

57°20.180
005°38.396

57°20.183
005°38.366

57°20.183
005°38.360

57°20.178
005°38.371

2,400

PONTOONS

16,000

57°20.173
005°38.385

2,000

57°20.172
005°38.384

57°20.175
005°38.359

PONTOONS LANDING DECK

3,000

57°20.174
005°38.356

22,000

8,000

57°20.173
005°38.373

57°20.171
005°38.354

22mm CHAINS

57°20.171
005°38.355

57°20.170
005°38.356

57°20.169
005°38.360

57°20.103
005°38.328

ROCK PINS

ACCESS WALKWAY

20,000

1,250

57°20.168
005°38.346

CONCRETE SHORE BLOCK

57°20.169
005°38.345

LWS

DENOTES 1.5 kg ANCHOR

DENOTES ROCK PIN

57°20.158
005°38.389

57°20.160
005°37.814

Rock

MHWS

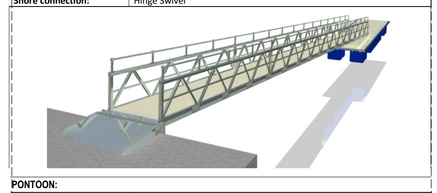
0
20
40
Scale 1/150
Metres
1:150

LAYOUT PLAN

GENERAL SPECIFICATION:

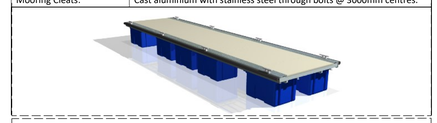
ACCESS GANGWAY:

Design load:	2.5 kN/m2.
Construction:	Fully welded fabrication consisting PFC, RSA & SHS sections
Access Gangway Width:	1250 mm.
Decking:	30mm GRP Minimesh, also on matching access/egress ramps
Corrosion protection:	All mild steel components hot dip galvanised to BS EN ISO 1461
Pontoon connection:	Roller Wheels With running strips
Shore connection:	Hinge Swivel



PONTOON:

Design load:	1.5 kN/m^2 applied UDL.
Unloaded Freeboard:	550mm (Nominal).
Framework:	All components are designed in accordance with BS EN 1991 (Eurocode 1) and BS EN 1993 (Eurocode 3). All structural steel work is procured to meet BS EN 10025-1, BS EN 10210-1 & BS EN 10219-1. It will be manufactured under EXC2 of BS EN 1090. All steel components are hot dip galvanised in accordance with BS EN ISO 1461:2009.
Floatation:	Roto-moulded polyethylene floats, filled with solidified polystyrene beads.
Decking:	30mm Mini-Mesh GRP:
Fendering:	Timber fender
Corrosion protection:	All mild steel components are galvanised to BS EN ISO 1461:2009.
Mooring Cleats:	Cast aluminium with stainless steel through bolts @ 3000mm centres.



CONSTRUCTION METHOD STATEMENT - retrospective, and as per initial approval

ALL PLANT AND MATERIALS FOR THE CONSTRUCTION OF THE PONTOON SHALL BE TRANSPORTED TO THE CONSTRUCTION SITE VIA THE LAGOON. THIS WILL BE WHEN AT LOW TIDE TO ALLOW PASSAGE OF THE PLANT AND MATERIALS TO PASS BELOW THE EXISTING RAILWAY BRIDGE.

NO BUILDING MATERIALS WERE TRANSPORTED ACROSS THE FOOTPATH LEVEL CROSSING.

NO VEHICULAR TRAFFIC OF ANY NATURE USED THE FOOTPATH LEVEL CROSSING.

ONLY PEDESTRIAN TRAFFIC SHALL USE THE FOOTPATH LEVEL CROSSING IN ACCORDANCE WITH SAFE PASSAGE MEASURES RECOMMENDED BY NETWORK RAIL

THE SAFE OPERATION OF THE RAILWAY WAS NOT BE COMPROMISED AT ANY POINT DURING THE PONTOON CONSTRUCTION.

Revision	Date	Description
G	Mar '23	*show all coordinates in WGS format.*
F	Mar '23	*additional pontoon coordinates and show all in revised format.*
E	Aug '22	*amend pontoon design to show re-used pontoon assembly obtained from Mallaig Lifeguard. recalculate anchor and rock pin coordinates.*
D	Jun '19	*add construction method statement*
C	Jun '19	*add coordinates in degrees, minutes and seconds*
B	May '19	*add latitude and longitude coordinates (WGS84)*
A	25 Apr '19	*planning application, marine scotland application, crown estates application.*

Scale **'AS NOTED'** Drg. Size **A1** Drg. Status: DESIGN

Drg. No. **200/1665** rev **G** **pontoon plan and specification**

PONTOON
DUNCRAIG CASTLE, PLOCKTON, ROSS-SHIRE, IV52 8TZ.

ERIK JOHNSTON ARCHITECT, 'Rowanlea', 18 Roman Road, BALFRON, Stirlingshire, G63 0PR.
Tel: 01360 441050 Email: erik@erikjohnston.co.uk Web: www.erikjohnston.co.uk

Planning App. Ref No: _____
Building Warrant Ref No: _____