

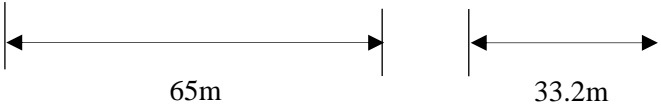
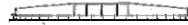
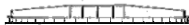
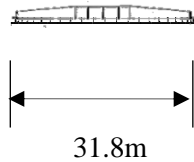
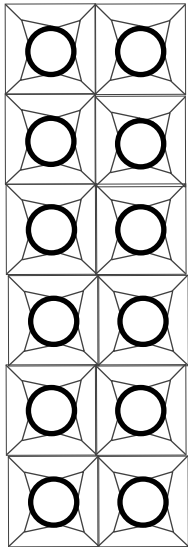
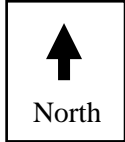
Marine Aquaculture Site Cairidh

Appendix 2. Equipment Plans, Elevations, and Drawings

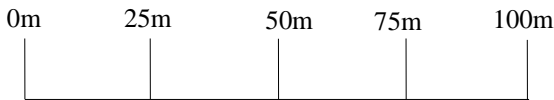
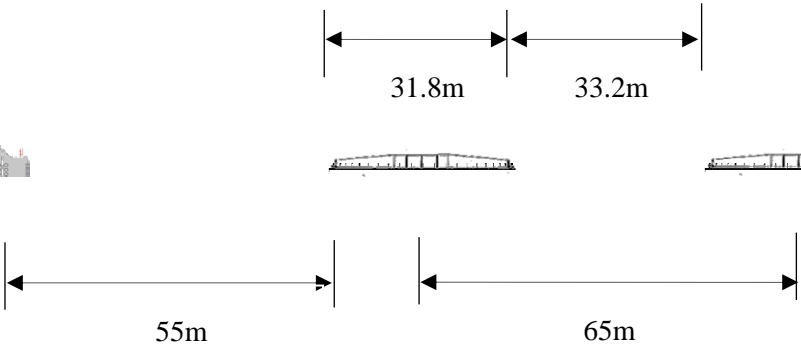
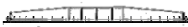
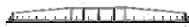
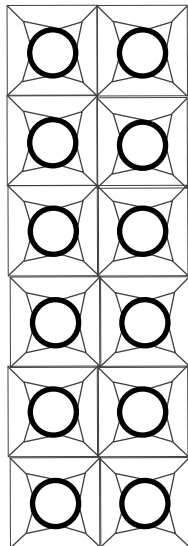
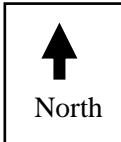
Mowi Scotland Limited

Laura Tulip, June 2021

Registered in Scotland No. 138843 Registered Office: 1st Floor, Admiralty Park Admiralty Road Rosyth FIFE KY11 2YW	Office postal address: Farms Office Glen Nevis Business Park Fort William PH33 6RX	Phone: 01397 715003
		Email: laura.tulip@mowi.com
		Website: http://mowi.com



Plan – Not to Scale



Plan – Not to Scale

EXISTING CAIRIDH, LOCH AINORT

ELEVATIONS SITE CONFIGURATION

Figure 1 Surface Cross section view of 12 circular plastic pens of 100m circumference in a 65m matrix grid

Key:



Feed System – C-Cap



Typical Pen Design – Hamster wheel top net supports

1:1,500

10/06/2021

LT

YB

0001

Final

Scale

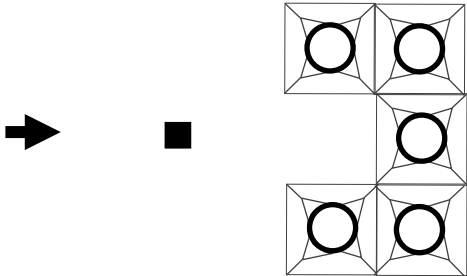
Date

Drawn

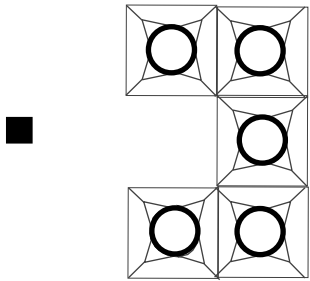
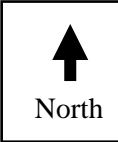
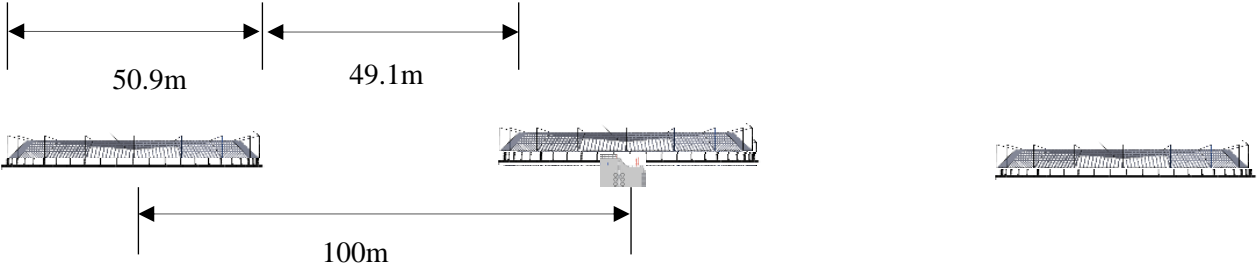
Checked

Revision No.

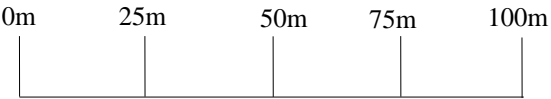
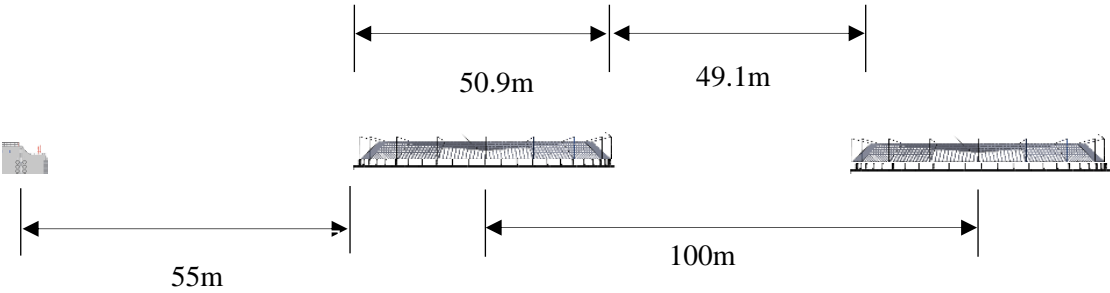
Status



Plan – Not to Scale



Plan – Not to Scale



PROPOSED CAIRIDH, LOCH AINORT

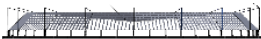
ELEVATIONS SITE CONFIGURATION

Figure 2 Surface Cross section view of 5 circular plastic pens of 160m circumference in a 100m matrix grid

Key:



Feed System - C-Cap



Typical Pen Design - Perimeter Top Net Poles

1:1,500

Scale

10/06/2021

Date

LT

Drawn

YB

Checked

0001

Revision No.

Final

Status

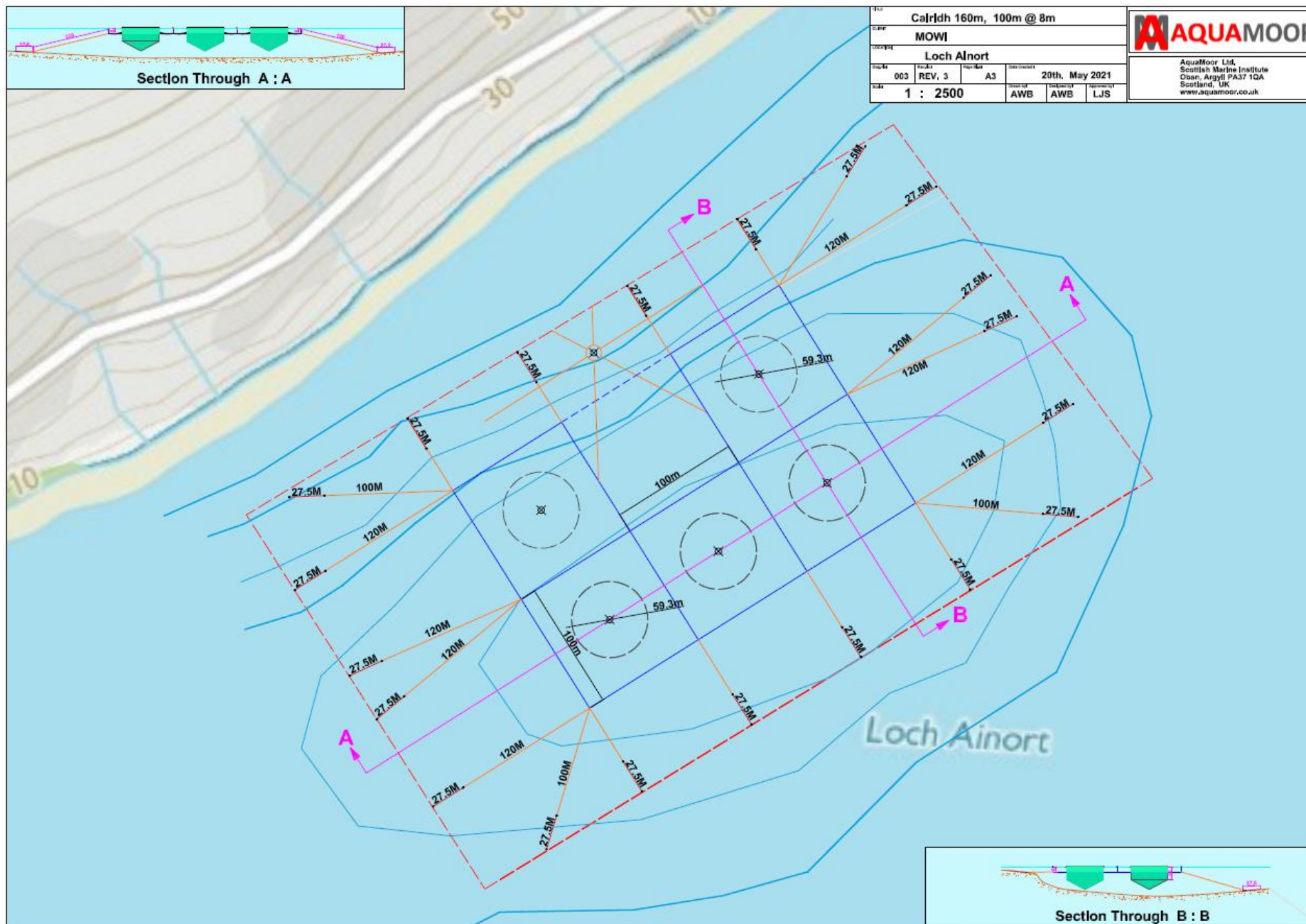


Figure 3. PROPOSED: Site Plan showing circular pens of 160m circumference in a 100m matrix and associated moorings

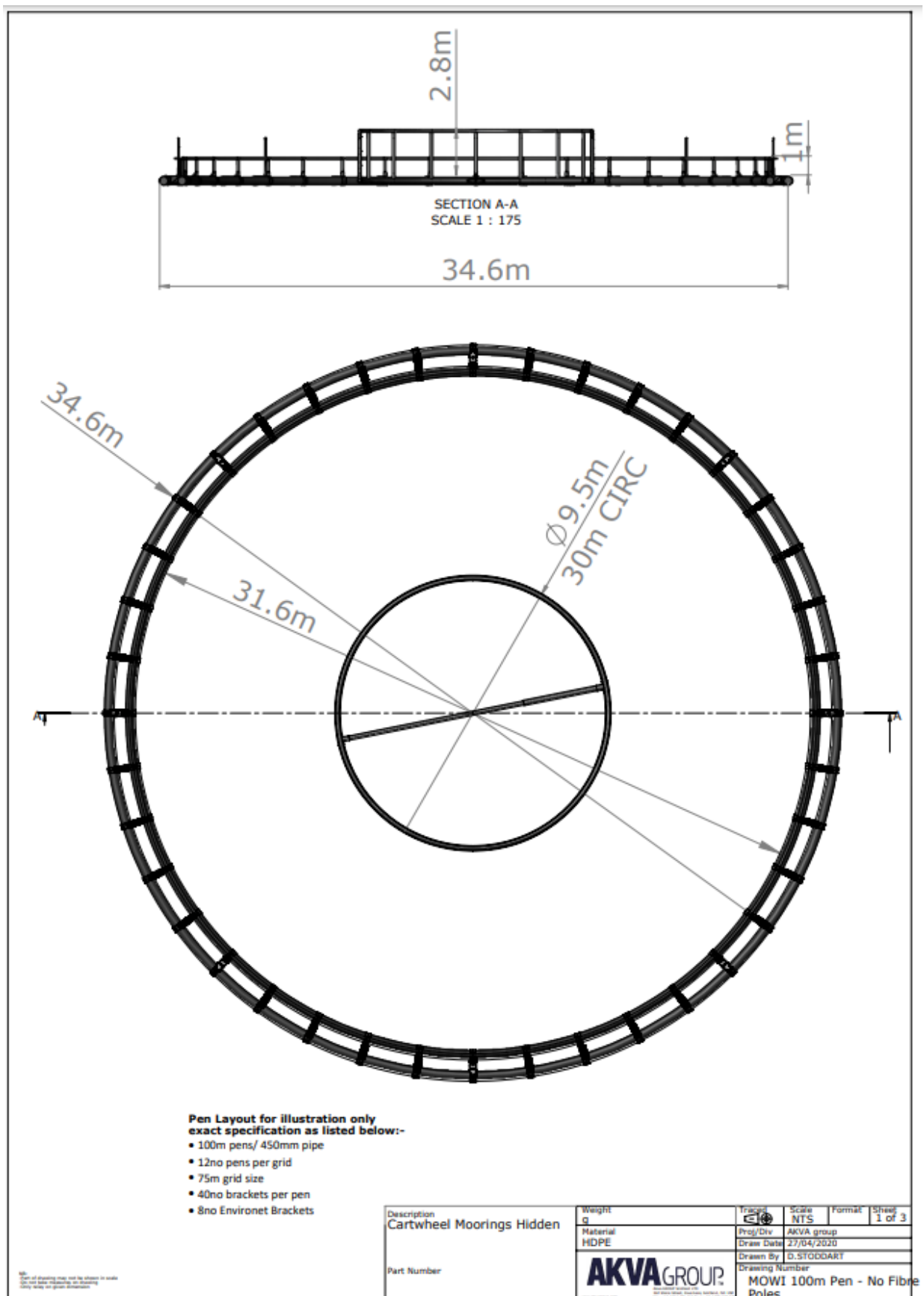


Figure 4. EXISTING: Technical drawing of a typical circular pen walkway of 100m circumference with a central hamster wheel to support top nets

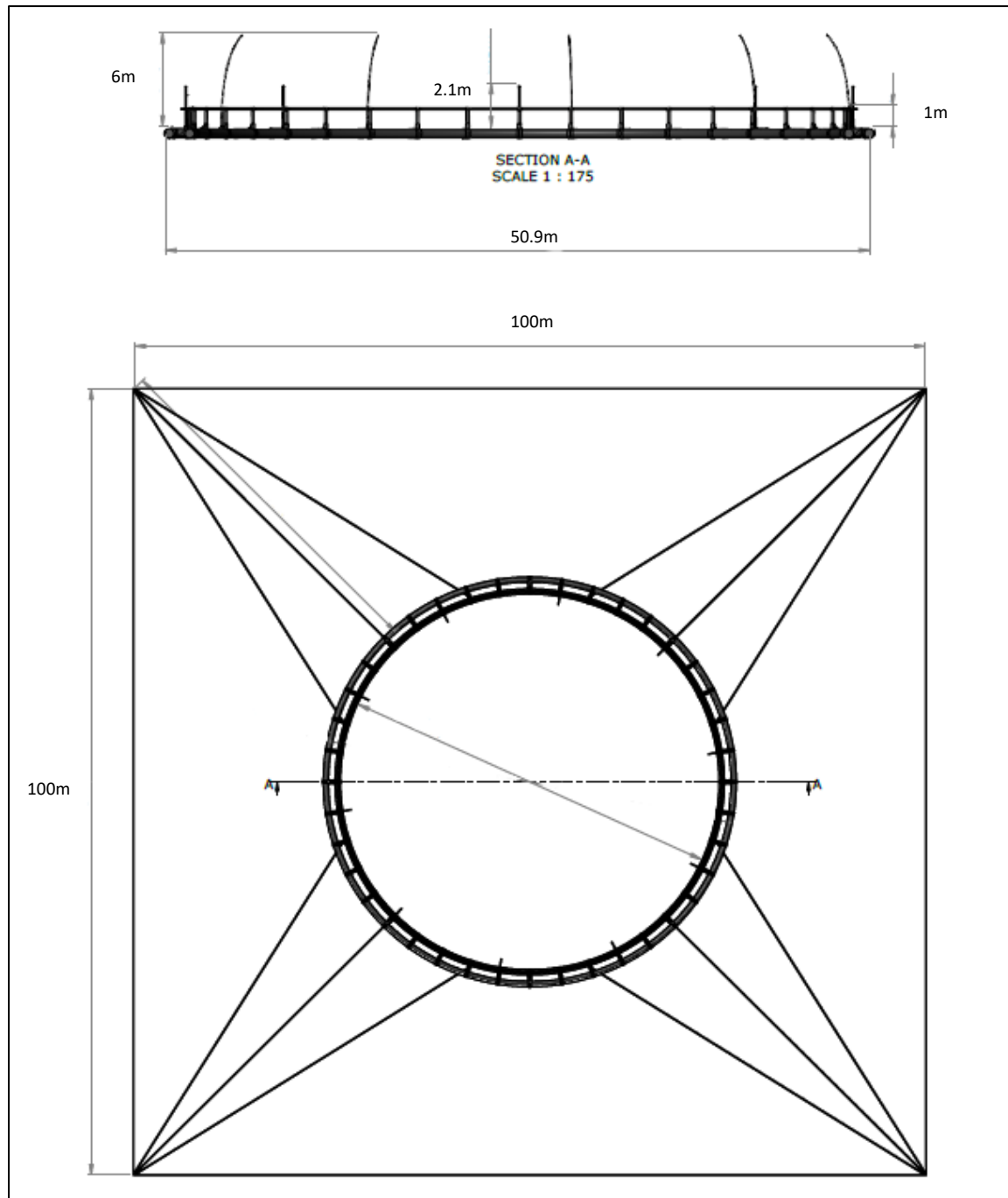


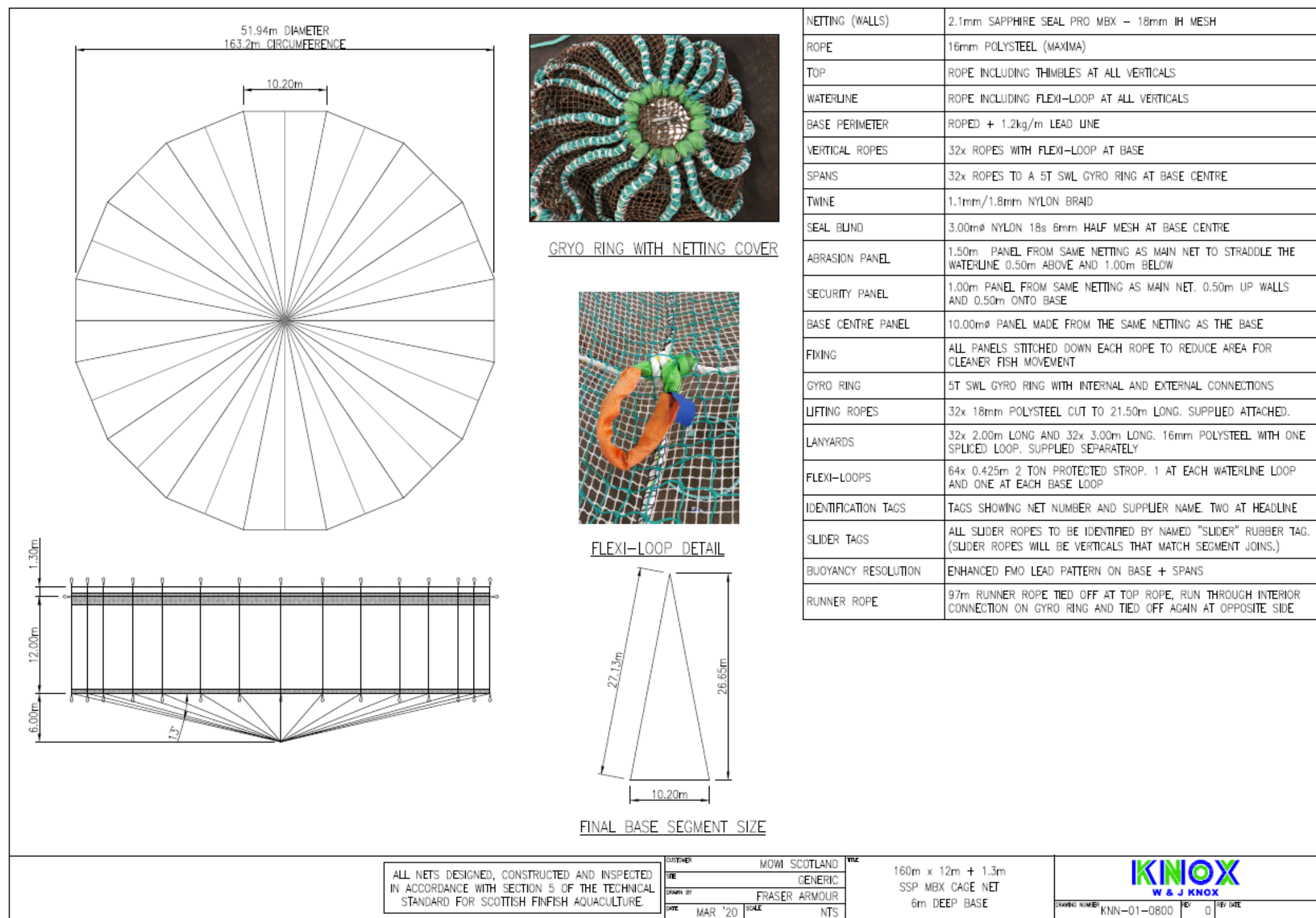
Figure 5. PROPOSED: Technical drawing of a typical circular pen walkway of 160m circumference with top net support poles



Figure 6: EXISTING: A photo of a circular pen with a hamster wheel, showing the Sinker Tube technology which improves net tensioning and pen structure. The inner surface plastic ring is a float which holds the bird net above the water surface. The lower plastic ring is the weighted sinker tube, with chains rising to the surface plastic collar.

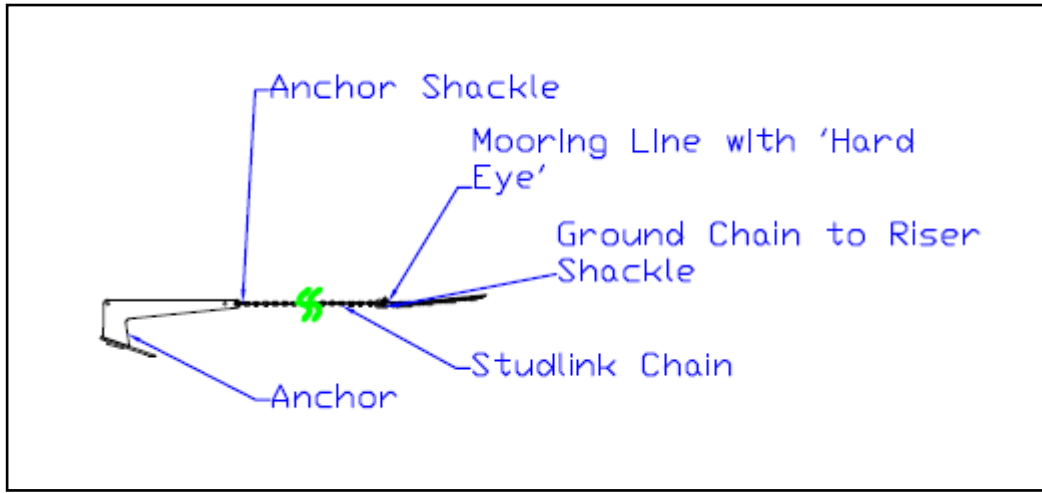
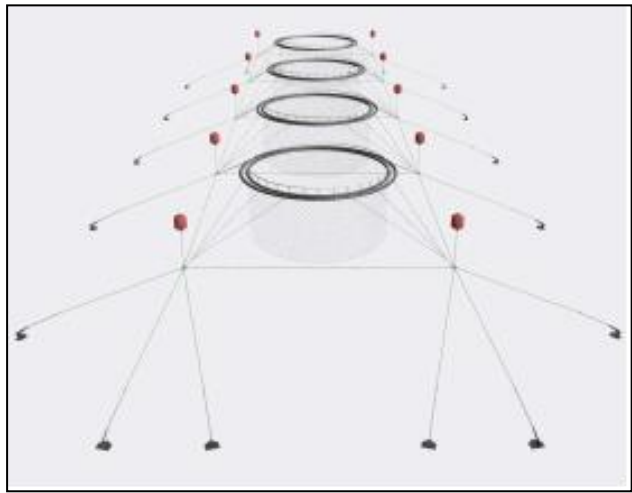
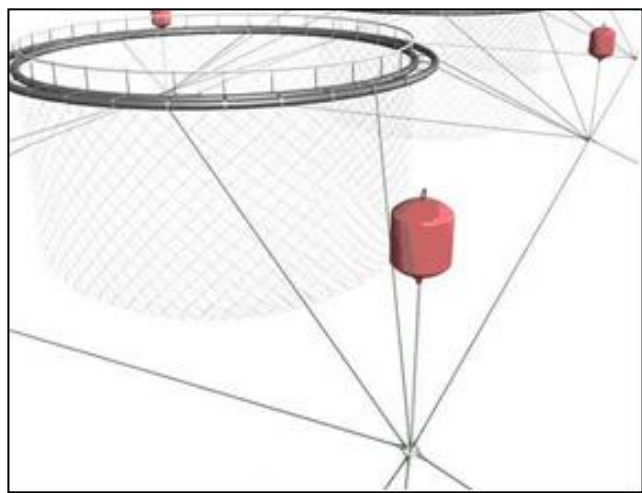
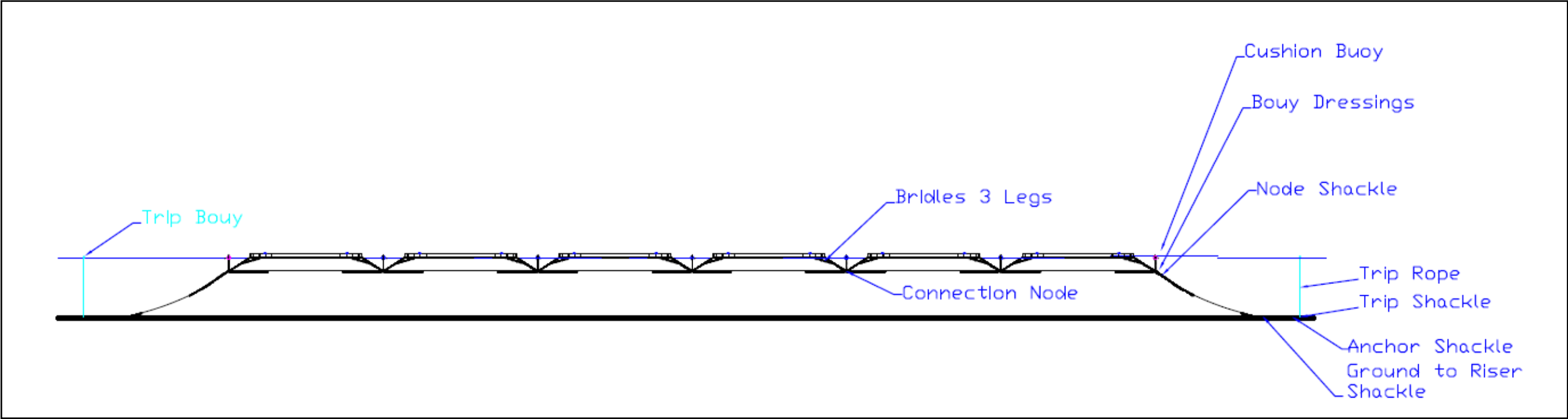


Figure 7: PROPOSED: Photo of a circular pen with poles at the walkway to support the top/bird netting.



PROPOSED CAIRIDH, LOCH AINORT ELEVATIONS SUB-SURFACE NET DESIGN	Key: Note. Annotations stating dimensions might not reflect those used at the site. The position of the pens allows a 12m side wall, 11m cone, and 5m+ clearance to the seabed.	Not to Scale	10/06/2021	LT	YB	0001	Final
		Scale	Date	Drawn	Checked	Revision No.	Status

Figure 8 Manufacturers Diagram – Sub-Surface Net Design



EXISTING & PROPOSED CAIRIDH, LOCH AINORT

ELEVATIONS PEN MOORING DESIGN

Figure 9 Manufacturers Diagram – Typical Mooring Design

Key:

Please refer to the site plans for mooring lengths and positions

Not to Scale

10/06/2021

LT

-

0001

Final

Scale

Date

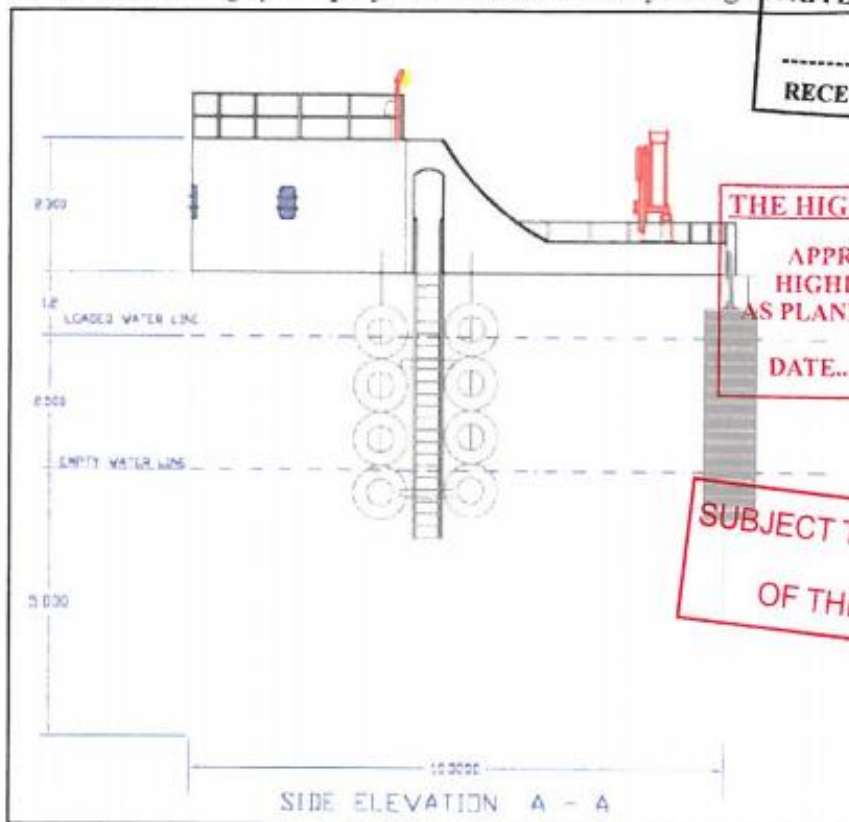
Drawn

Checked

Revision No.

Status

Technical drawing of low profile 200 tonne C-CAP feeding system



THE HIGHLAND COUNCIL
PLAN.....5.....OF.....5.....OF
APPLICATION REFERENCE
11/00181/FUL
RECEIVED 26/01/11

THE HIGHLAND COUNCIL
APPROVED BY THE
HIGHLAND COUNCIL
AS PLANNING AUTHORITY
DATE 5/4/11

SUBJECT TO THE CONDITIONS
OF THIS PERMISSION

Technical drawing of low profile 200 tonne C-CAP feeding system showing generator room.

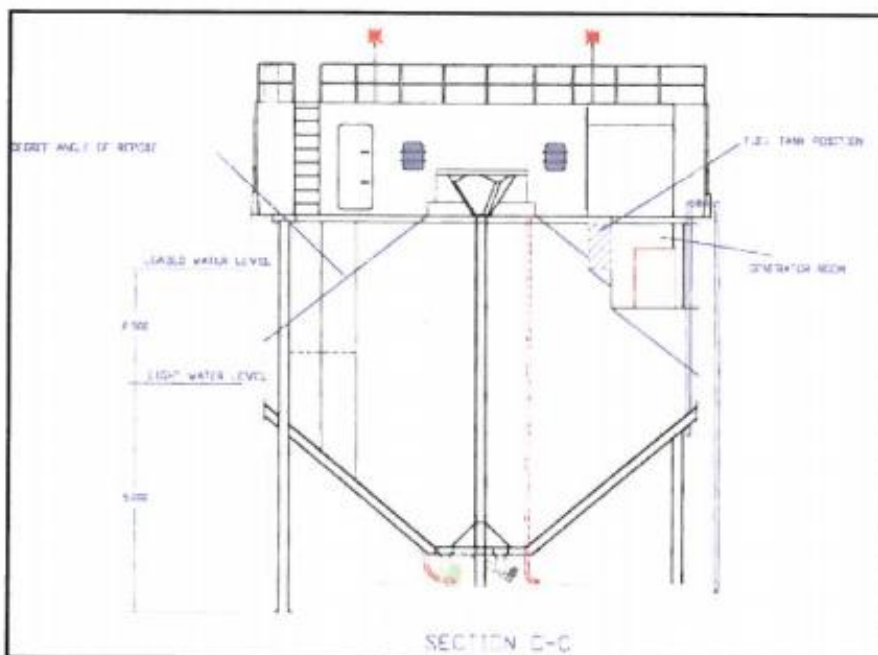


Figure 10. EXISTING & PROPOSED: Feed Barge. Approved by 11/00181/FUL