Marine Aquaculture Site SEAFORTH
Planning Application

Document 3: Equipment Plans, Elevations, and Drawings
Mowi Scotland Limited
Claire Lumley-Holmes, NOVEMBER 2020
Figure 1  Surface Cross section view of 8 circular plastic pens of 120m circumference in a 75m matrix grid

Key:
- Feed System
- Typical Pen Design – Perimeter Top Net Poles

Scale | Date | Drawn | Checked | Revision No. | Status
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1:1,500 | 26/10/2020 | CLH | YB | 0001 | Final

Plan – Not to Scale
PROPOSED SEAFORTH, LOCH SEAFORTH

ELEVATIONS SITE CONFIGURATION

Figure 2 Surface Cross section view of 5 circular plastic pens of 160m circumference in a 90m matrix grid

Key:

- Feed System
- Typical Pen Design

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Figure 3. PROPOSED: Site Plan showing a typical circular pen of 160m circumference in a 90m matrix
Figure 4. EXISTING: Technical drawing of a typical circular pen walkway of 120m circumference with top net support poles
Figure 5. PROPOSED: Technical drawing of a typical circular pen walkway of 160m circumference with top net support poles
Figure 6: PROPOSED Elevation view of a typical net pen design including a deep water feeding system (Source: AKVA, 2020)

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

ELEVATIONS SUB-SURFACE NET DESIGN

Figure 8 Manufacturers Diagram – Sub-Surface Net Design

Note. Annotations stating dimensions might not reflect those used at the site. The position of the pens allows a 20m side wall, 15m cone, and 5m+ clearance to the seabed.
EXISTING & PROPOSED SEAFORTH, LOCH SEAFORTH

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  26/10/2020  CLH  -  0001  Final

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Figure 10. EXISTING & PROPOSED: Feed Barge. Approved by 15/000512
Figure 11. EXISTING & PROPOSED: Feed Barge Akva Master Comfort
Manufacturers dimensional illustration showing the Akva Master Comfort, black/white. 450 tonne capacity. Approx 9m height at all times, 26m by 12m.