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Dylan Jones Intake Detailed plan view of fish and eel passage

Point	Level
Top Peg A	211,000
Top Peg B	212,660
Crest	211,100
Base of Screen	210,650
Reference X1	215,354
Reference X2	213,755

A

A

B

B

C

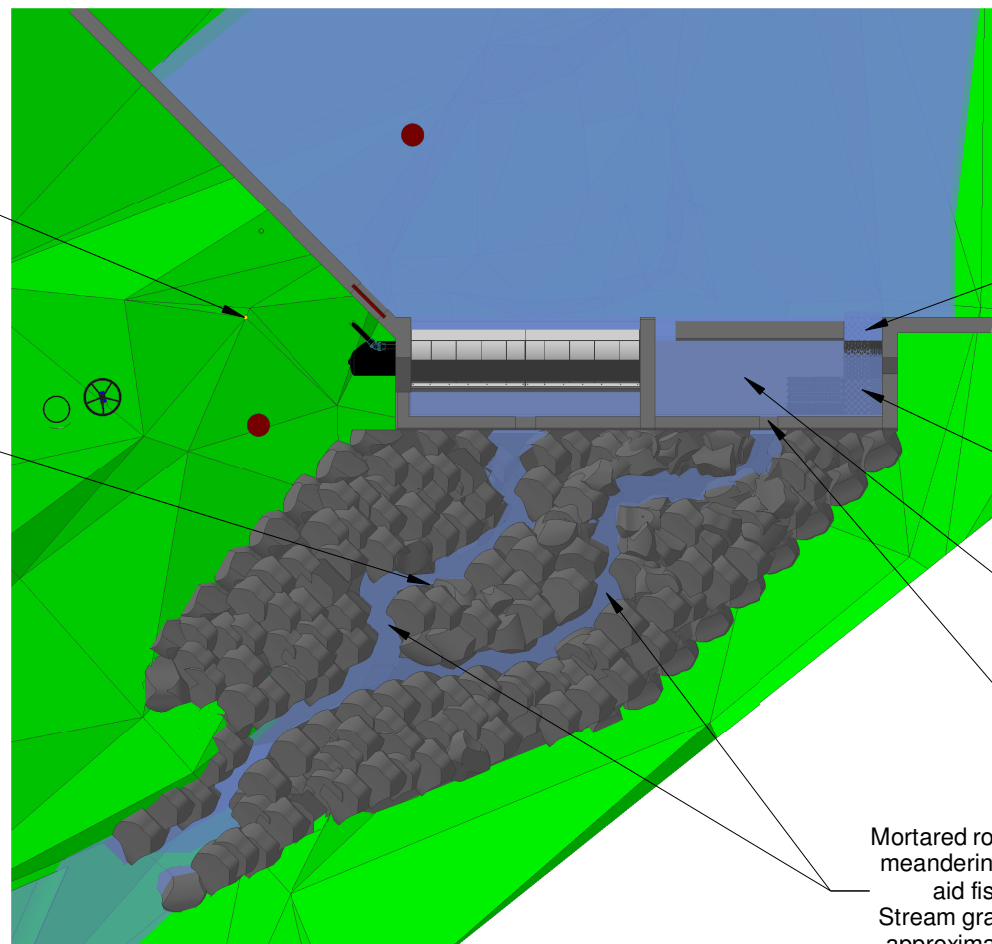
C

D

D

The meandering channel will create resting pools, upstream of protruding boulders, for fish swimming upstream

Peg A



Eel substrate passes through dedicated notch in crest and then down to the base of the upstream face of the weir wall

Eel substrate on 45 degree ramp which extends to base of plunge pool

Plunge pool level creates 150mm step to HoF notch level

Plunge pool outlet notch has same dimensions as HoF notch to maintain the max. 150mm step in all flow conditions

Mortared rocky ramp creates meandering stream path to aid fish migration. Stream gradient on ramp is approximately 10 degrees.

0 2000 4000mm

All dimensions in mm

Client : Dylan Jones

Address : Ty Mawr, Mallwyd
Machynlleth, SY20 9HS

Drawn By : MJP

Date : 06/07/23

Scale : 1 : 100 @ A4

Drawing No : 23070601

Version : 1

Revision Details

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MCS Hydro Transition Installer 123

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