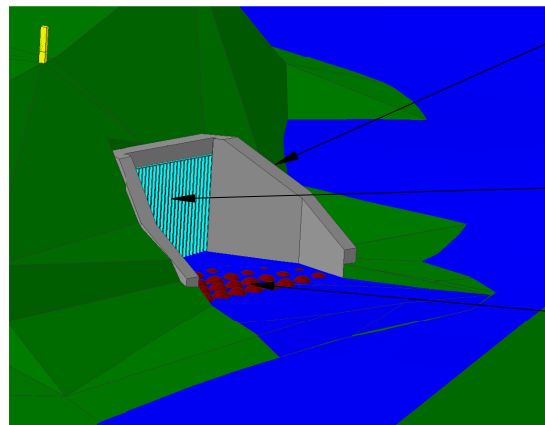


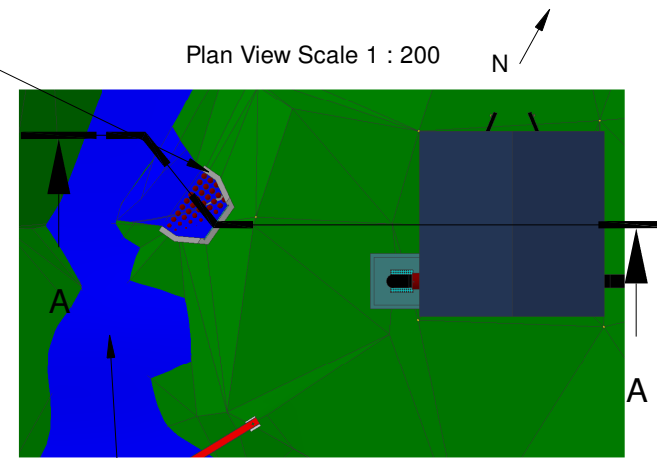
Dylan Jones Powerhouse and Outfall Levels and Outfall Detail



Concrete Headwall and Apron
Outlet is angled downstream

Vertical flat bar screen
with 40mm spacing

Rip Rap on Apron



Plan View Scale 1 : 200

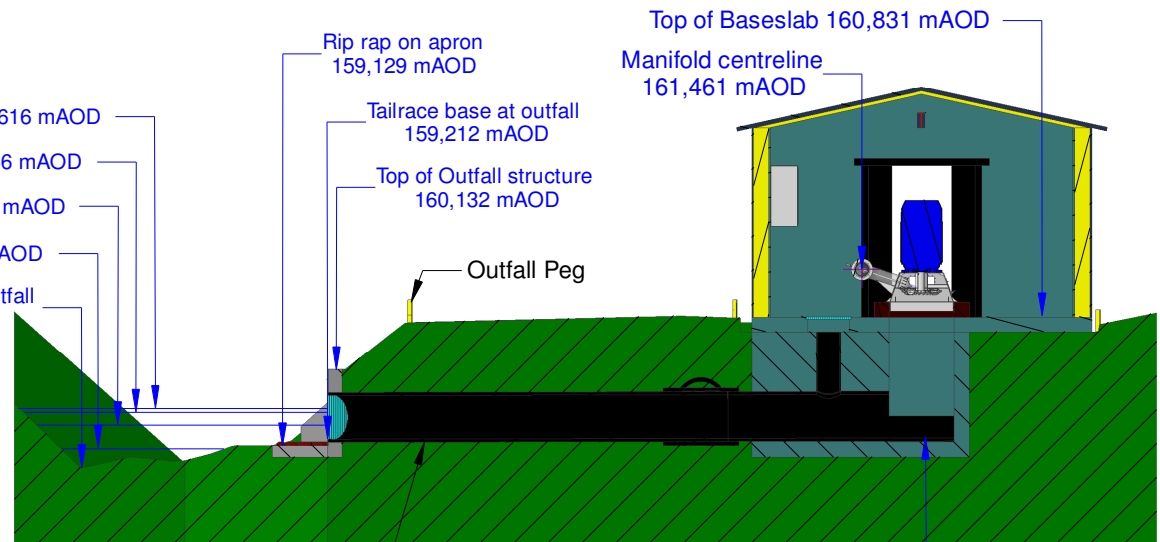


Stream flow direction

Section A-A

Item	Level mAOD
Top of Peg PH	161,149
Top of Peg X	160,931
Top of Peg Y	161,222
Top of Peg Z	161,064
Top of Peg Outfall	161,061
Top of Baseslab	160,831
Stainless screw in Rock, X3	160,681
Stainless screw in Rock, X4	163,270

Water level at 100yr Flood 159,616 mAOD
 Water level at 50yr Flood 159,566 mAOD
 Water level at Annual Flood 159,396 mAOD
 Water level at mean flow 159,085 mAOD
 Bedrock centre stream at Outfall 158,861 mAOD



Rip rap on apron 159,129 mAOD

Tailrace base at outfall 159,212 mAOD

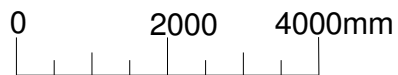
Top of Outfall structure 160,132 mAOD

Top of Baseslab 160,831 mAOD
 Manifold centreline 161,461 mAOD

Outfall Peg

Base of tailrace in sump 159,222 mAOD

600mm Twinwall tailrace pipe, water velocity 0.7 m/s



All dimensions in mm. All levels are mAOD

Client : Dylan Jones
 Address : Ty Mawr, Mallwyd
 Machynlleth, SY20 9HS
 Drawn By : MJP

Date : 16/01/23
 Scale : 1 : 100 @ A4
 Drawing No : 23011601
 Version : 1

Revision Details



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