

PRELIMINARY DRAWING FOR  
CONSENTING PURPOSES - NOT  
FOR CONSTRUCTION

Plas Farm

Richard Bowen

Intake

PF-DWG-Intake-A-21024-ARC

Sheet:  
1 OF 1

Date:	19/03/2024
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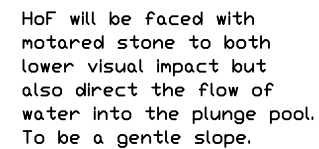
NOTES:

**CONSTRUCTION NOTES**  
The penstock is a 200mm HDPE (polyethylene) pipe buried along its length (approx. 600m long).

**TOLERANCES**  
The final route of the pipeline may vary marginally as site conditions dictate.

[illegible]

All dimensions in meters



SECTION  
VIEW OF  
NOTCH

Notch to  
include  
chamfer  
on  
downstream  
edge

Stone and mortar cladding will help reduce visual impact and protect the intake structure in high flows.

A half height 700mm wide  
and 1.3mm aperture  
coanda screen will be  
used.

Intake structure is both screen and settling tank, a head level sensor is housed within the settling tank

Penstock pipe will lead away from the intake tank along the river bank. The pipe will be faced with stone and mortar to both protect from heavy flows and lower visual impact.

Section A-A