



NOTES:
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2. At normal turbine operating water level by intake, fish that get through the large debris screen upstream of the sluice gate will be returned to the main river via the bypass channel.
3. Boulders rearranged to form 5m² plunge pool to provide safe passage for fish traveling down the bypass (min depth 0.3m)
4. Debris collected above the screens to be flushed down a 600mm flushing channel and deposited downstream of the fish and eel plunge pool.
5. Bellmouth entrance will have a steel grating cover to avoid dark entrance in order to attract fish.
6. Gradient of fish and eel bypass to allow suitable flow velocities. Debris flushing channel gradient between 1:40 and 1:110 to ensure effective flushing.
7. Approach velocity of water by screens is 0.1703m/s
8. Drawing to be read in conjunction with all other engineering drawings.

03	LEVEL TEXT REMOVED	SW	22-03-16
02	RED LINE BOUNDARY REMOVED	SW	22-02-16
01	BELLMOUTH INTAKE ADDED	SW	04-02-16
00	FIRST ISSUE	SW	01-02-16

Rev. Description: By: Date:
 Client: Carter Jonas

Site Name: Cochwillan HEP

Drawing Title: Intake Layout Plan

Drawing No: C0CHW_C120

Drawn By / Date: SW / 01-02-2016

Checked By: PD
 Revision: 03

Scale: 1:150
 Papersize: A3
 Status: Design
 Sheet of sheets: 1 OF 1

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