



LINE DENOTING APPROXIMATE DEPTH OF FLOW AT FLOOD LEVEL - ESTIMATE

STREAM BOULDERS & STONES BACK FILLED OVER CONCRETE

2M³ IMPROVEMENT VOLUME ADDING AS WEIR FILLS WITH STONES & ROCKS

BOULDER CONCRETE PROTECTION TO BANK BEHIND WEIR

CONCRETE WALLS & SLABS SET INTO BANK APPROX 1000MM BANK REINFORCED AFTER CONSTRUCTION

315 AOD

315

ACCELERATOR SCREEN
S/S RATE WITH 3MM HOLES AT CENTRES TO CREATE A 4% OPEN AREA, RAKE AT 25° TO HORIZONTAL - S/S BOX BOLTED TO CONCRETE WALL & BASE

APPROXIMATE EDGE LINE OF 2m³ IMPROVEMENT AREA

LOWER BOULDERS INCORPORATED INTO BASE

160mm Ø PIPE 'PENSTOCK'

BOULDER CONCRETE PROTECTION TO BANK BEHIND WEIR

COMPENSATION NOTCH, 150 HIGH X 70 WIDE WITH FLOW ADJUSTER PLATE. CALIBRATED ON SITE FOR 100% OF HANDS OFF FLOW.

850

580

220

100

270

420

200

500

1000

1000

850

150

800

1000 approx.

315

LOWER BOULDERS INCORPORATED INTO CONCRETE BASE

LOWER BOULDERS INCORPORATED INTO CONCRETE BASE

EXISTING LARGE BOULDER INCORPORATED INTO CONCRETE WALL

LOWER BOULDERS INCORPORATED INTO MASS CONCRETE BASE

Intake is located at approximately SO 11840 18747

hydro installation at Nant y Wenynen.
EXISTING POST-2015 INTAKE DETAILS.

date MAY 2026
scale 1:20
paper size A3
drawn by GC
checked by NW

NGW HYDRO
Phone 07415700264

job number 09/001

This drawing is based on a 2012 TGV/Hydro Ltd. drawing.

drawing no 09001/02/F