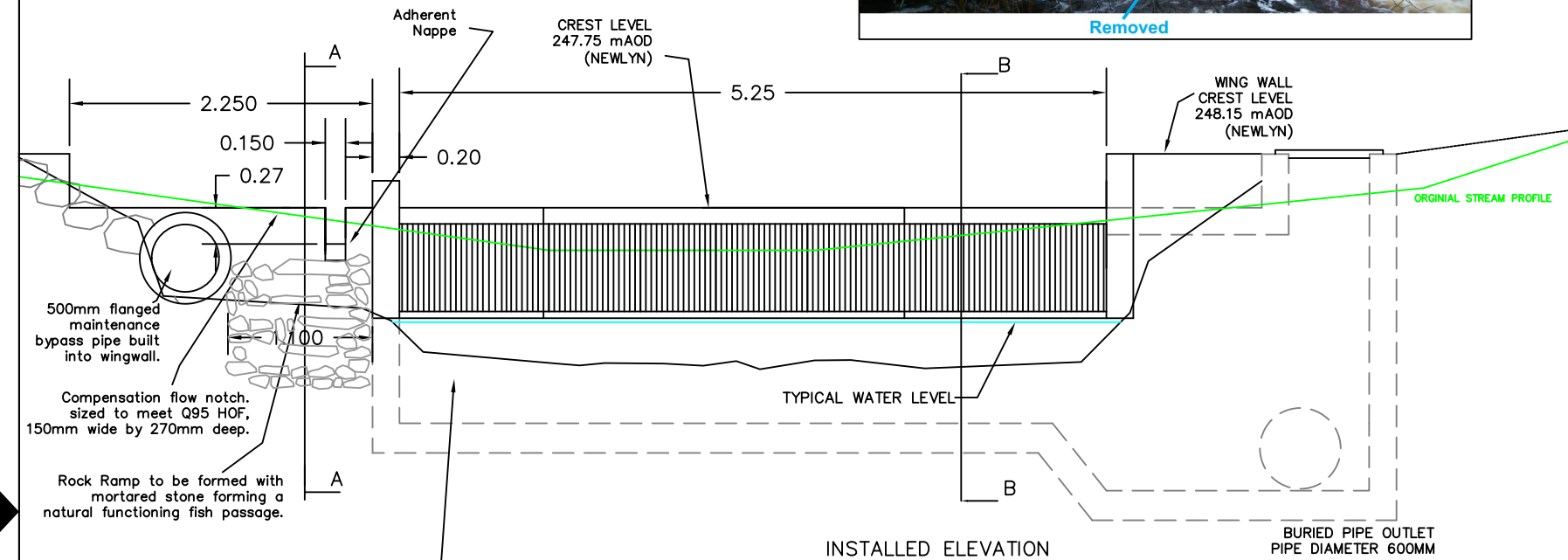


COANDA SCREEN
3 x TYPE D-1500 and 1 x TYPE D-750
ALL FROM 304 STAINLESS STEEL
1MM APERTURE

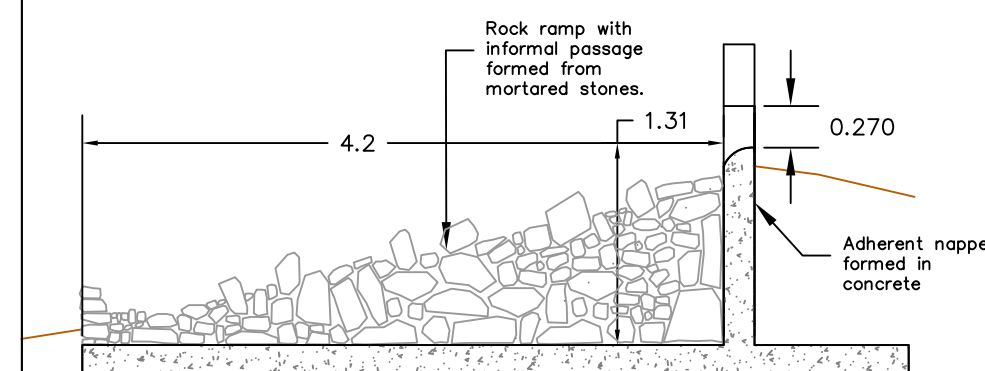
CONSTRUCTION NOTES
The weir will be constructed by creating the concrete sump structure and bolting on the prefabricated screen. Existing boulders that form the existing cascade are to be retained, as per adjacent image, to ensure that post intake life upstream bed erosion does not occur (NRW requirement with upstream bridge culvert in mind)



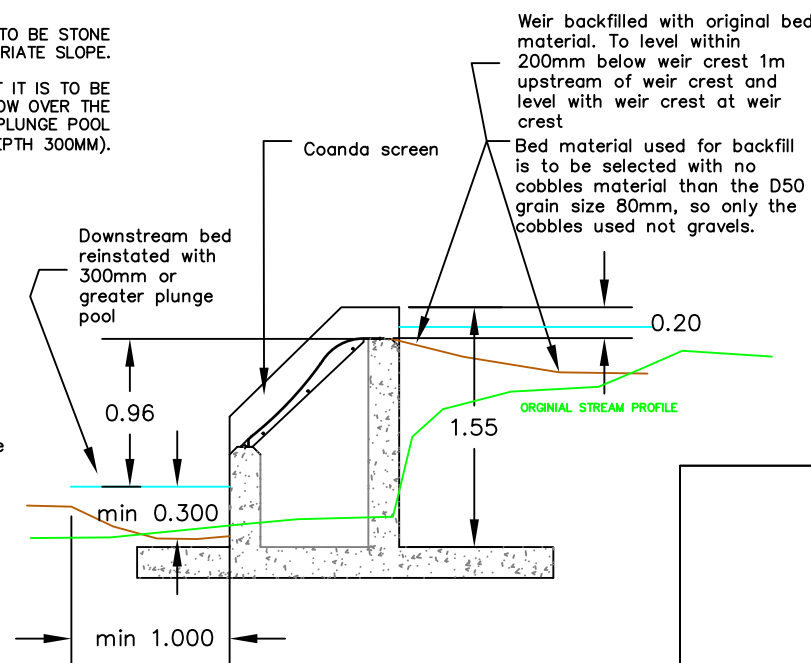
INSTALLED ELEVATION

PLUNGE POOL CREATED USING APPROPRIATELY SIZED AND POSITIONED BOULDERS Full width of screen section of weir, so width is 5.25m

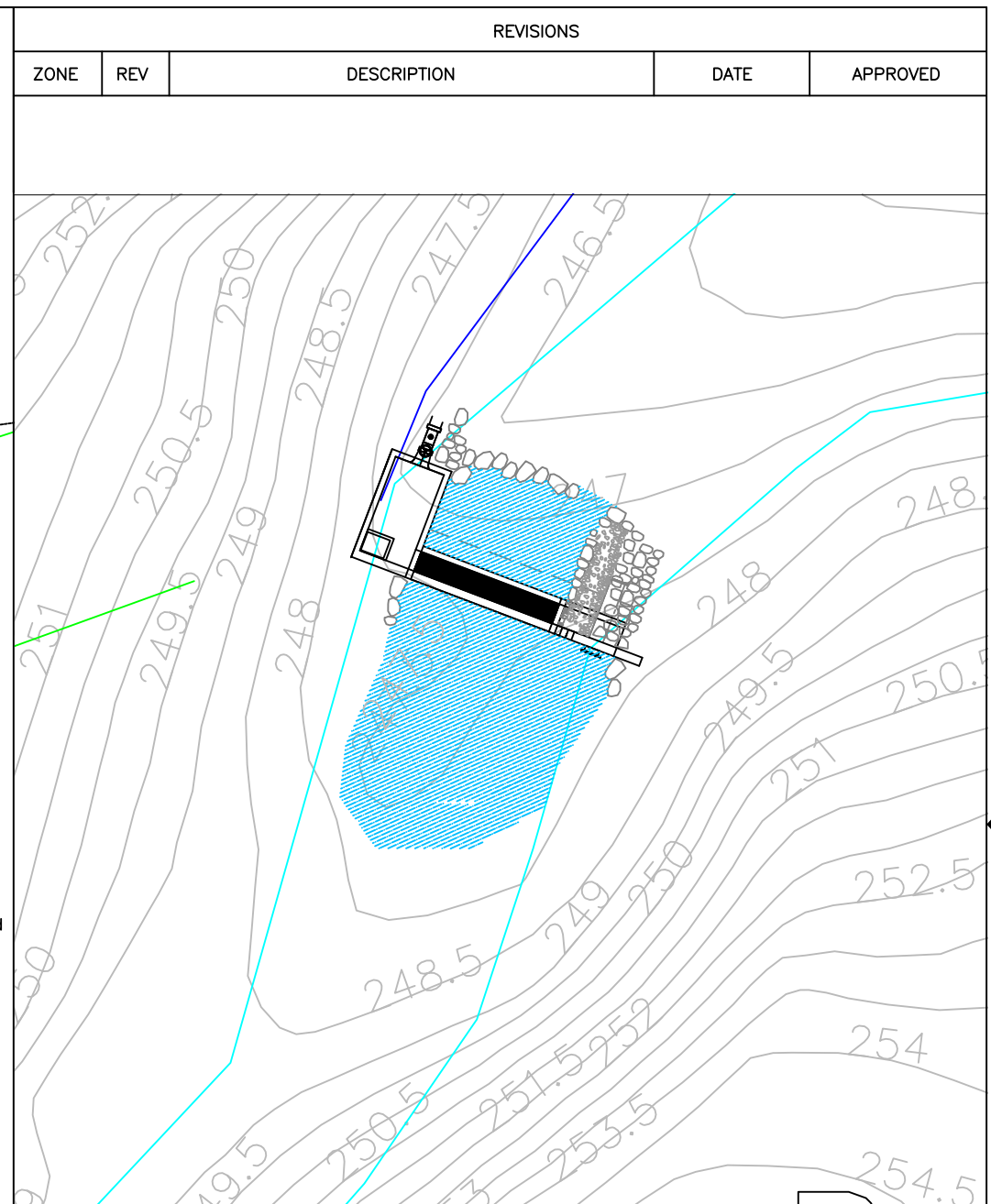
THE DOWNSTREAM FACE OF THE WEIR IS TO BE STONE FACED AS SHOWN WITH APPROPRIATE SLOPE.
FROM APPROPRIATE BOULDER PLACEMENT IT IS TO BE ENSURED THAT COMPENSATION FLOW AND FLOW OVER THE COANDA CREST FLOWS DOWN INTO PLUNGE POOL DOWNSTREAM OF WEIR (MIN DEPTH 300MM).



Elevation/Section A-A



Elevation/Section B-B



Plan View

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

DRAWING TITLE INTAKE				
PROJECT GALEDFFRWD HYDRO SCHEME				
DIMENSIONS IN M © 2011	SIZE A3	FSCM NO.	DWG NO. GLFH-DWG-Intake-H-311018-DM	REV H
PRELIMINARY DRAWING FOR CONSENTING PURPOSES - NOT FOR CONSTRUCTION				
SCALE 1:50	DATE 31/10/2018	SHEET 1 OF 1		