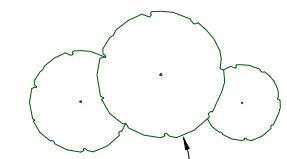
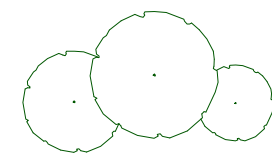
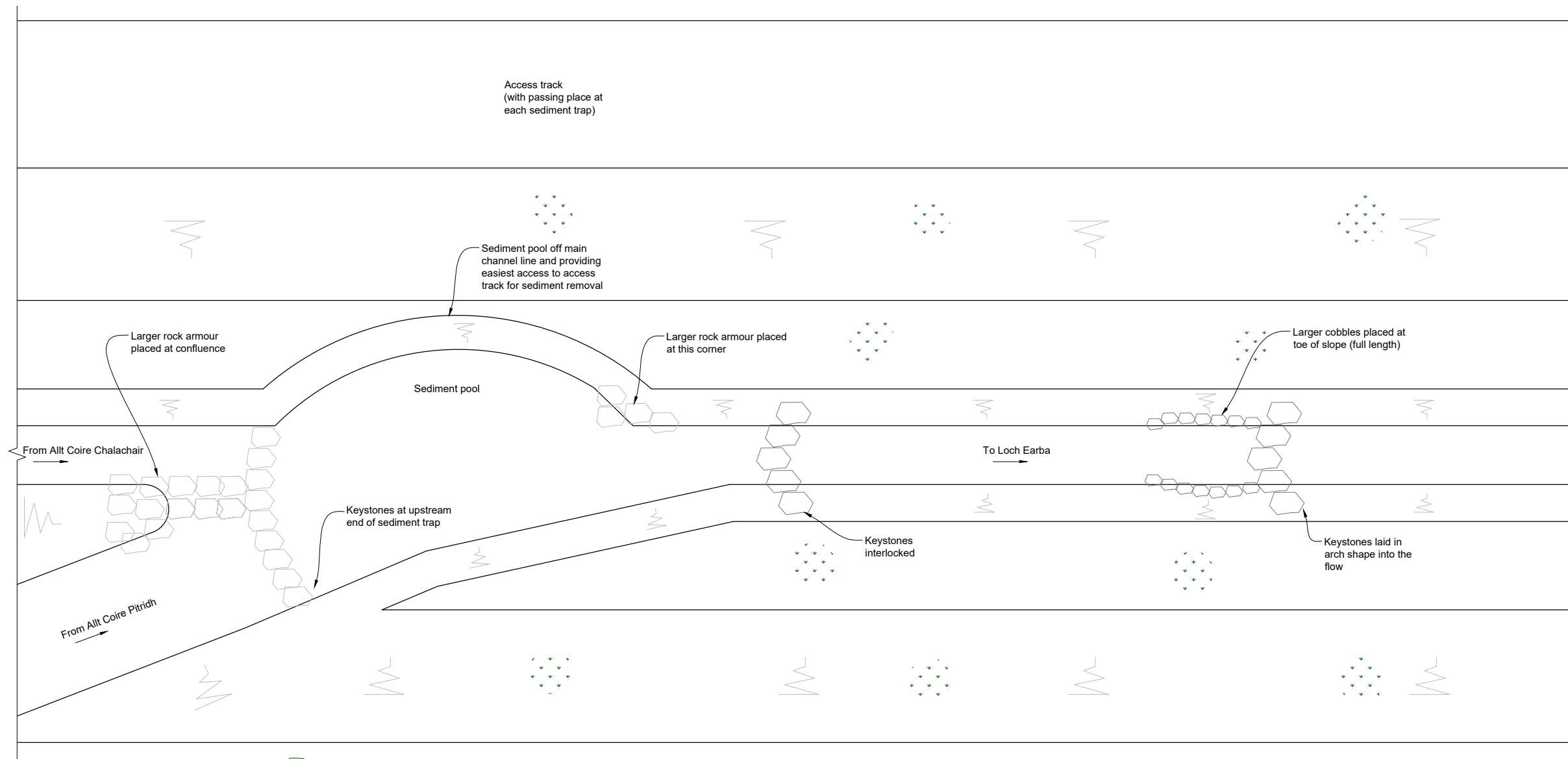


# IF IN DOUBT - ASK

## NOTES

- All levels are in metres above ordnance datum (mAOD).
- All dimensions are in millimeters unless otherwise noted.
- Please refer to CEMP for details of environmental protection measures (e.g. temporary erosion control, sediment traps, settlement lagoons, silt curtains). The works would be supervised by an Environmental Clerk of Works.
- For proposed structure of sediment management plan refer to geomorphology report.
- Climate change uplift for peak flows calculated in accordance with "SEPA's Climate change allowance for flood risk assessment in land use planning Version 5".
- Resting pools shown indicatively on aqueduct plan. Final location to be agreed with an experienced fish ecologist at the detailed design stage.
- Aqueduct channel substrates would be formed using natural sediments local to the system, to provide a well-graded mix of sediment appropriate to the energy regime of a stepped pool channel.
- CCTV coverage at the confluence of existing burn and channel would provide real time monitoring of flow and sediment conditions.

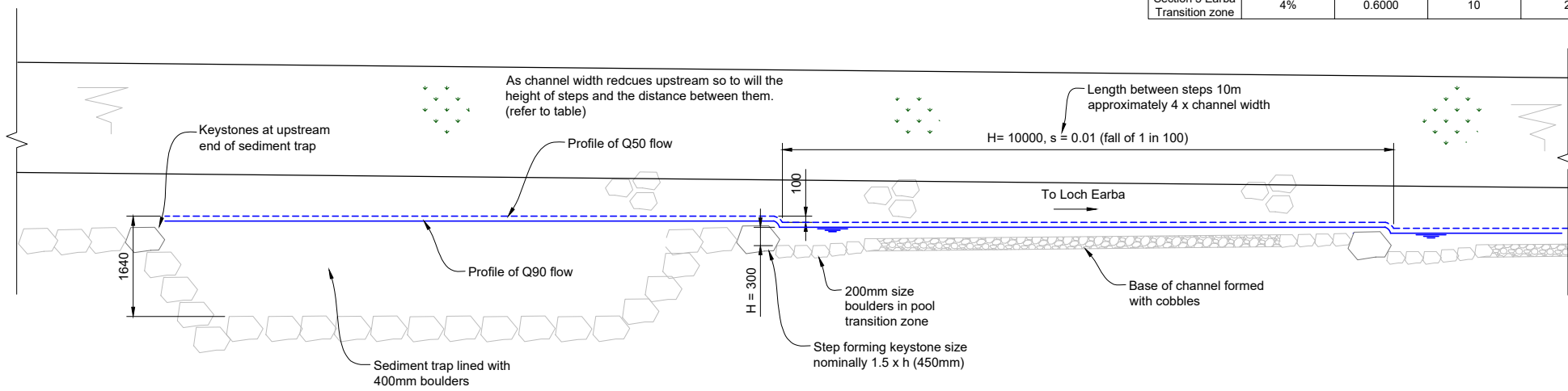


Tree planting encouraged on upper banks out with flood flow

Plan on confluence of Allt Coire Pitridh to Pitridh Aqueduct

1:100 @ A3

Step Pool Parameters for Pitridh Aqueduct					
	S = Slope	H = Step height (m)	L = Length between steps (m)	Step Pool geometry factor	Typical Keystone Size (mm)
Section 1 (Trib 2 to Allt Coire Chalchair)	1%	0.2000	5	4	300
Section 2 (Allt Coire Chalchair to Trib 1)	1%	0.2500	7	3.5700	375
Section 3 (Trib 1 to Allt Coire Pitridh)	1%	0.2500	7	3.570	375
Section 4 (Allt Coire Pitridh to Loch Earba)	1%	0.3000	10	3	450
Section 5 Earba Transition zone	4%	0.6000	10	2	600



Section on confluence of Allt Coire Pitridh to Pitridh Aqueduct

1:100 @ A3

P1	13.11.24	MH	CAR LICENCE SUBMISSION	DT	GMcG
REV	DATE	DRAWN	NOTES	CHK'D	APP'D

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**EARBA STORAGE**  
 A GILKES ENERGY COMPANY

PROJECT  
**PROPOSED EARBA PSH**

TITLE  
**PITRIDH AQUEDUCT  
 DETAILS - SHEET 3  
 FIGURE 2.21.3**

SIZE <b>A3</b>	SCALE AT A3 1:100	STATUS <b>PLANNING</b>
DRAWING NUMBER <b>EAR/GEL/297</b>	REVISION <b>P1</b>	