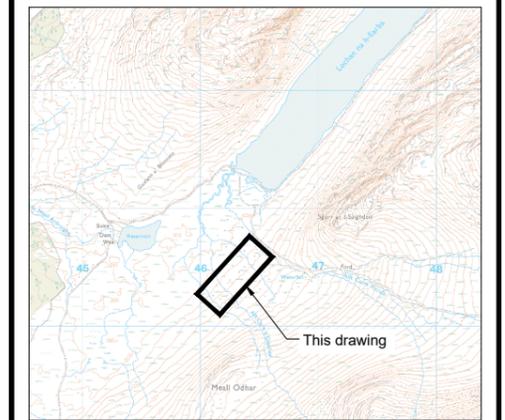


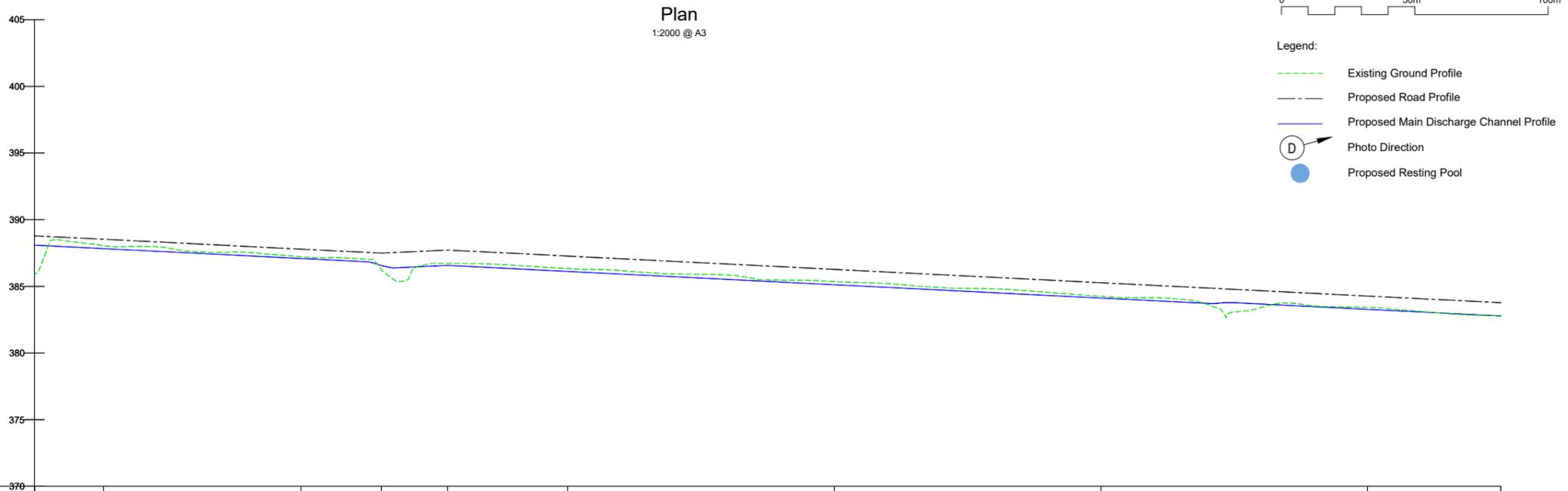
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NOTES

- Aqueduct Notes**
1. All levels are in metres above ordnance datum (mAOD).
 2. All dimensions are in millimeters unless otherwise noted.
 3. 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.
 4. For proposed structure of sediment management plan refer to geomorphology report.
 5. 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".
 6. Resting pools shown indicatively on aqueduct plan. Final location to be agreed with an experienced fish ecologist at the detailed design stage.
 7. 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.
 8. CCTV coverage at the confluence of existing burn and channel would provide real time monitoring of flow and sediment conditions.



Location Plan
1:30,000 @ A1



Plan
1:2000 @ A3

LONGITUDINAL SECTION
(A-DIVERSION CHANNEL)
CHAINAGE: 0 TO 550
SCALE: H 1:1000, V 1:200

Chainage	0.000	25.899	100.000	130.136	154.987	200.000	300.000	400.000	500.000	550.000
Existing Levels	385.885	388.050	387.214	386.255	386.721	386.336	385.354	384.255	383.432	382.818
Proposed Levels	386.791	386.532	387.791	387.490	387.722	387.271	386.271	385.271	384.271	383.771
Aqueduct Section	Section 1 1:100			Section 2 1:100				Section 3 1:100		
Refer to Figure 2.21 Sheet 1										



REV	DATE	DRAWN	NOTES	CHK'D	APP'D
P2	06.12.24	MW	CAR LICENCE SUBMISSION	DT	GRM
P1	02.02.24	MW	FOR PLANNING	DT	GRM

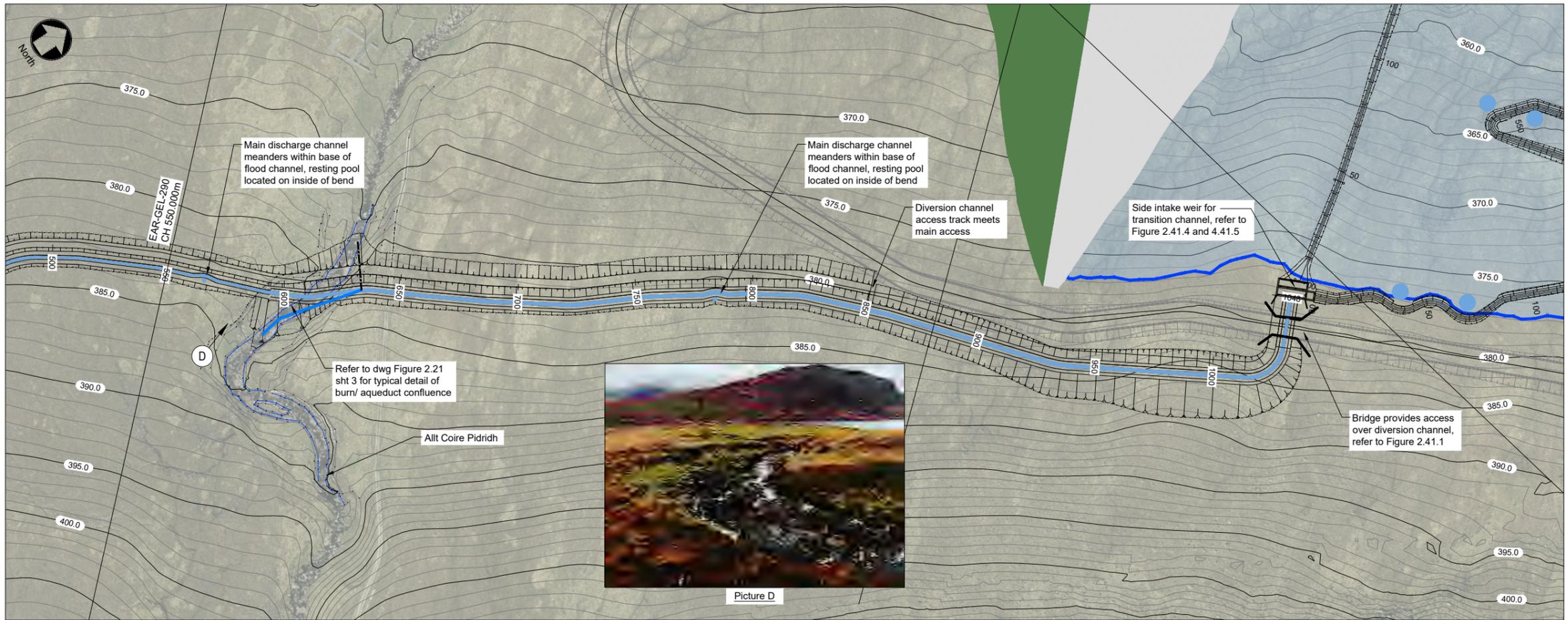
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A GILKES ENERGY COMPANY

PROJECT
PROPOSED EARBA PSH

TITLE
PITRIDH CHANNEL DIVERSION PLAN AND LONG SECTION
FIGURE 2.20 - SHEET 1

SIZE	SCALE AT A3	STATUS
A3	1:2000 @ A3	PLANNING
DRAWING NUMBER	REVISION	
EAR/GEL/290	P2	

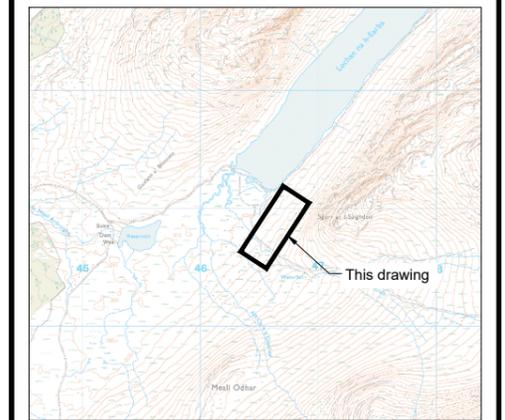


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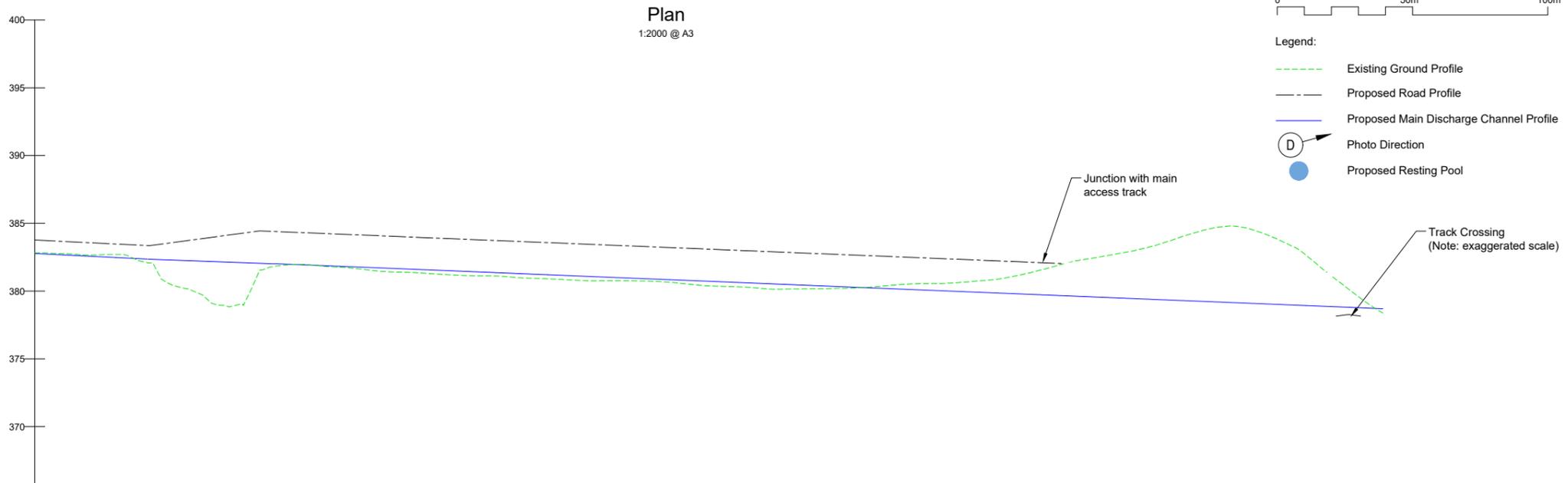
NOTES

Aqueduct Notes

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Location Plan
1:30,000 @ A1



Chainage	550.000	592.375	600.000	633.107	700.000	800.000	900.000	1000.000	1048.262
Existing Levels	382.818	382.081	380.517	381.527	381.240	380.375	380.768	384.531	378.379
Proposed Levels	383.771	383.348	383.552	384.440	383.897	383.085	382.273	381.462	381.070
Aqueduct Section Refer to Figure 2.21 Sheet 1	Section 3 1:100			Section 4 1:100					

REV	DATE	DRAWN	NOTES	CHK'D	APP'D
P2	06.12.24	MW	CAR LICENCE SUBMISSION	DT	GRM
P1	02.02.24	MW	FOR PLANNING	DT	GRM

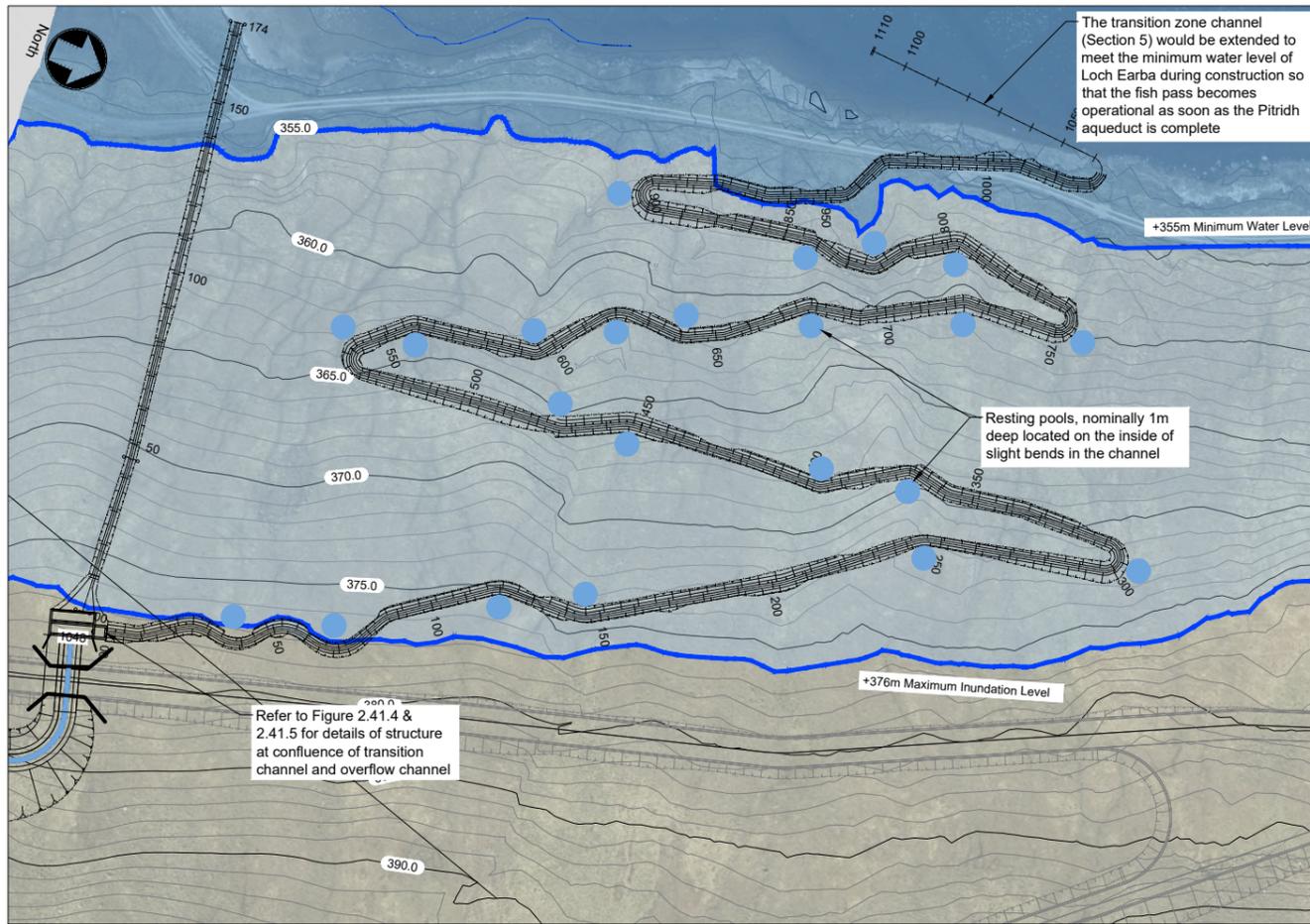
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TITLE
**PITRIDH CHANNEL DIVERSION PLAN AND LONG SECTION
 FIGURE 2.20 - SHEET 2**

SIZE SCALE AT A3 STATUS **PLANNING**
 A3 1:2000 @ A3
 DRAWING NUMBER **EAR/GEL/291** REVISION **P2**

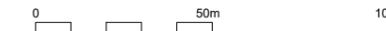


- Legend:
- Existing Ground Profile
 - Proposed Road Profile
 - Proposed Main Discharge Channel Profile
 - Photo Direction
 - Proposed Resting Pool

LONGITUDINAL SECTION

(A-SECTION 6)
CHAINAGE: 0 TO 174
SCALE: H 1:250, V 1:250

Chainage	0.000	43.063	87.781	100.000	107.989	140.943	173.759
Existing Levels	377.196	371.038	363.933	362.469	360.864	354.153	351.662
Proposed Levels	376.601	370.130	362.781	360.881	359.638	353.131	350.576
Aqueduct Section	Section 6						
Refer to Figure 2.21 Sheet 1	Gradient Varies, typically 10% - 14%						



LONGITUDINAL SECTION

(SC3 CHANNEL)
CHAINAGE: 0 TO 550
SCALE: H 1:1000, V 1:1000

Chainage	0.000	100.000	131.168	200.000	300.000	400.000	500.000	532.130	542.291	550.000
Existing Levels	379.116	375.019	374.142	373.058	370.089	367.531	365.295	363.864	363.759	363.435
Proposed Levels	377.500	374.814	373.977	372.256	369.756	367.296	364.756	363.953	363.546	363.353
Aqueduct Section	Section 5									
Refer to Figure 2.21 Sheet 1	1:40									



LONGITUDINAL SECTION

(SC3 CHANNEL)
CHAINAGE: 550 TO 1006
SCALE: H 1:1000, V 1:1000

Chainage	550.000	600.000	700.000	800.000	900.000	1000.000	1006.452
Existing Levels	363.435	361.867	360.429	358.854	354.634	352.684	352.037
Proposed Levels	363.353	362.103	359.603	357.103	354.603	352.103	351.942
Aqueduct Section	Section 5						
Refer to Figure 2.21 Sheet 1	1:40						

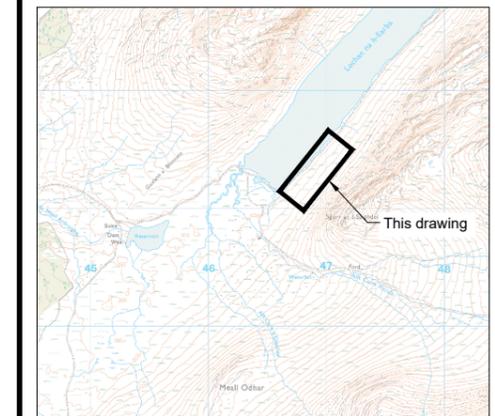


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NOTES

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Location Plan
1:30,000 @ A1

P2	06.12.24	MW	CAR LICENCE SUBMISSION	DT	GRM
P1	02.02.24	MW	FOR PLANNING	DT	GRM
REV	DATE	DRAWN	NOTES	CHK'D	APP'D

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TITLE

**PITRIDH CHANNEL DIVERSION PLAN AND LONG SECTION
FIGURE 2.20 - SHEET 3**

SIZE	SCALE AT A3	STATUS
A3	1:2000 @ A3	PLANNING
DRAWING NUMBER	REVISION	
EAR/GEL/292	P2	