

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE STATED. OTHERWISE, DO NOT SCALE.
 - LEVELS AND TOPOGRAPHICAL SURVEY DATA ARE BASED ON A MIXTURE OF SOURCES WITH VARYING LEVELS OF ACCURACY / DETAIL. REFER TO SITE INFORMATION FOR DETAILS. CHANGES MAY HAVE OCCURRED SINCE SURVEYS UNDERTAKEN.
 - FOR PROPOSED GENERAL ARRANGEMENT REFER TO DRAWING 60672359-ACM-XX-XX-DR-CE-200004.
 - DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION FOR HIGHWAY WORKS (S.H.W.) SUPPLEMENTED WITH PROJECT SPECIFIC APPENDICES.
 - CUT FACES AND BASE OF OPEN CHANNEL ARE TO BE INSPECTED BY A COMPETENT GEOTECHNICAL ENGINEER. ANY LOOSE SOILS AND SOFT SPOTS (UNDRAINED SHEAR STRENGTH $c_u < 40kPa$) ON THE FORMATION ARE TO BE REMOVED AND REPLACED WITH COMPACTED CLASS 1A/6N/6P FILL. SOFT SPOTS AND VERY LOOSE SOILS ON THE CHANNEL BANK TO BE TREATED IN THE SAME WAY.
 - AEP = ANNUAL EXCEEDANCE PROBABILITY. CC = ALLOWANCE FOR FLOW INCREASE DUE TO CLIMATE CHANGE. FWL = FLOOD WATER LEVEL. Q10 = THE FLOW EXCEEDED 10% OF THE TIME OVER AN AVERAGE YEAR. Q95 = THE FLOW EXCEEDED 95% OF THE TIME OVER AN AVERAGE YEAR.
 - EXPECTED GROUND CONDITIONS AT THE CULVERT AND CHANNEL LOCATIONS ARE SHOWN ON DRAWINGS 60672359-ACM-XX-XX-DR-GT-200041 AND 200042. DESIGN ASSUMPTIONS ARE SPECIFIED IN THE GEOTECHNICAL DESIGN REPORT. IF GROUND CONDITIONS VARY SIGNIFICANTLY FROM DESIGN ASSUMPTIONS, THE DESIGNER SHOULD BE NOTIFIED PRIOR TO CONTINUING CONSTRUCTION.

- KEY**
- EXISTING GROUND
 - CHANNEL INVERT
 - EXISTING FEATURE TO BE REMOVED
 - EXCAVATION EXCLUSION ZONE ADJACENT TO EXISTING WALL

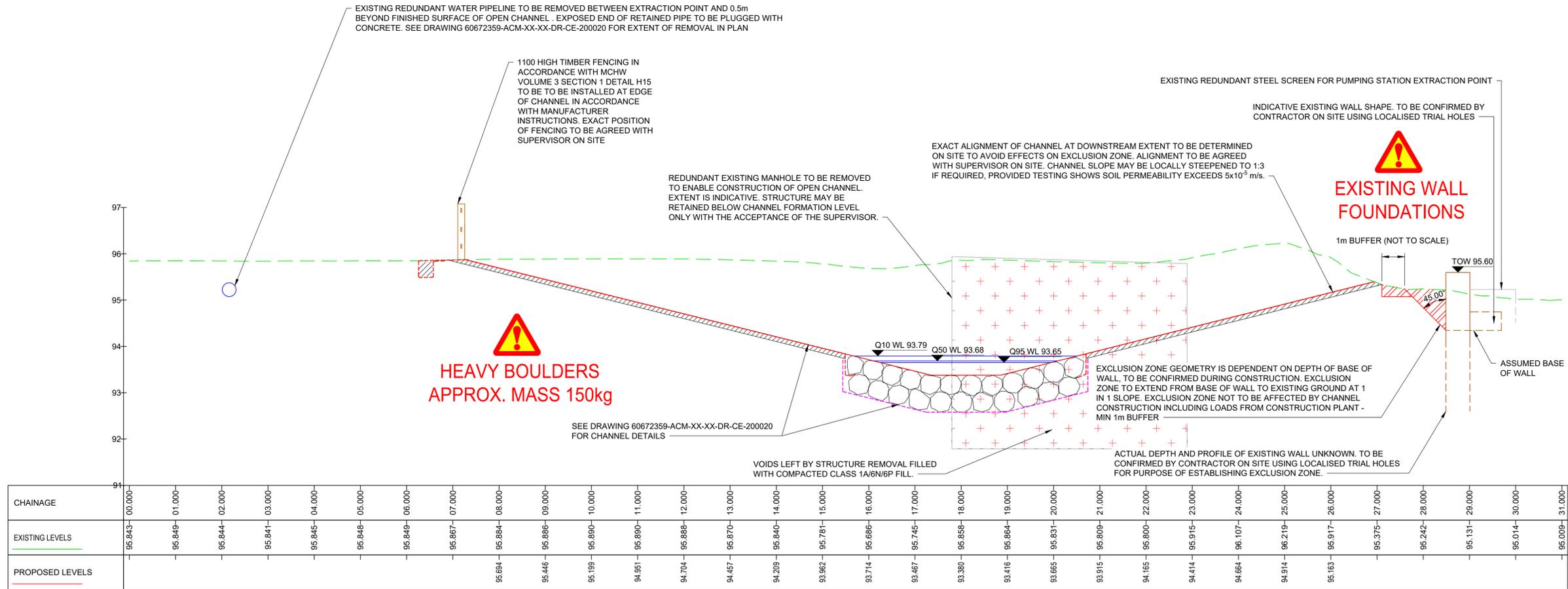
ISSUE/REVISION

NO	DATE	DESCRIPTION
C01	01/11/2022	FOR CONSTRUCTION
P01	09/09/2022	WORKING DRAFT FOR INFO
I/R	DATE	DESCRIPTION

PROJECT NUMBER
60672359

SHEET TITLE
HORSESHOE FALLS FISH PASS
OPEN CHANNEL CROSS SECTIONS
PUMPING STATION INFRASTRUCTURE

SHEET NUMBER
60672359-ACM-XX-XX-DR-CE-200023



CHAINAGE	00.000	01.000	02.000	03.000	04.000	05.000	06.000	07.000	08.000	09.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000	31.000	
EXISTING LEVELS	95.843	95.849	95.844	95.841	95.845	95.848	95.849	95.867	95.884	95.886	95.890	95.890	95.888	95.870	95.840	95.781	95.686	95.745	95.859	95.864	95.831	95.809	95.800	95.915	96.107	96.219	95.917	95.375	95.242	95.131	95.014	95.009	
PROPOSED LEVELS									95.694	95.446	95.199	94.951	94.704	94.457	94.209	93.962	93.714	93.467	93.380	93.416	93.665	93.915	94.165	94.414	94.664	94.914	95.163	95.375	95.584	95.793	96.002	96.211	96.420

L OPEN CHANNEL CROSS SECTION AT PUMPING STATION INFRASTRUCTURE
200020 1:50



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