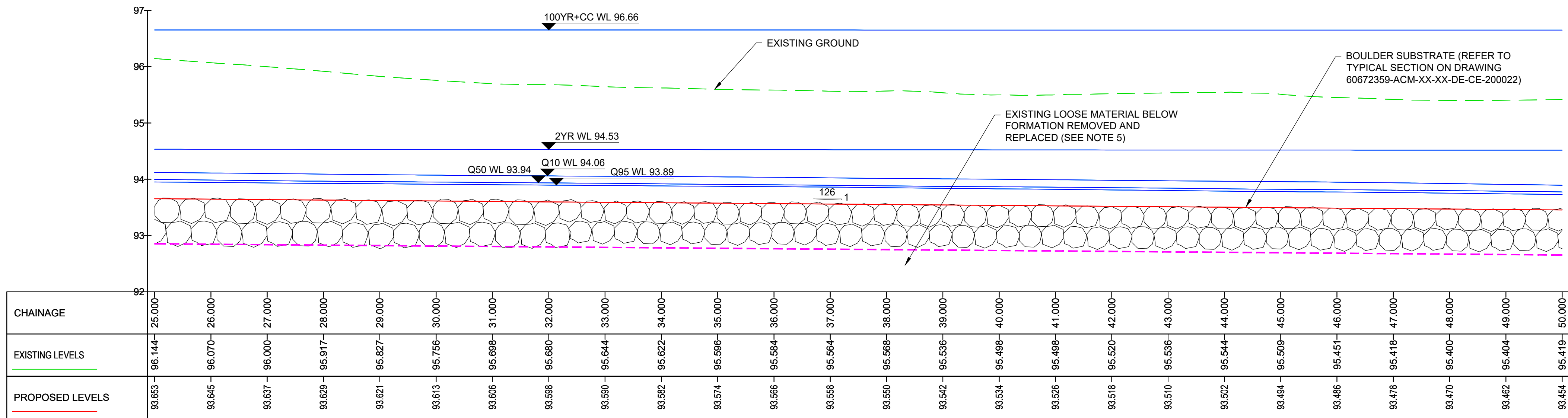
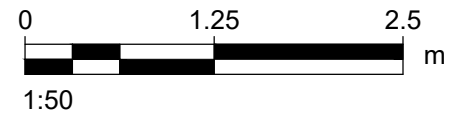
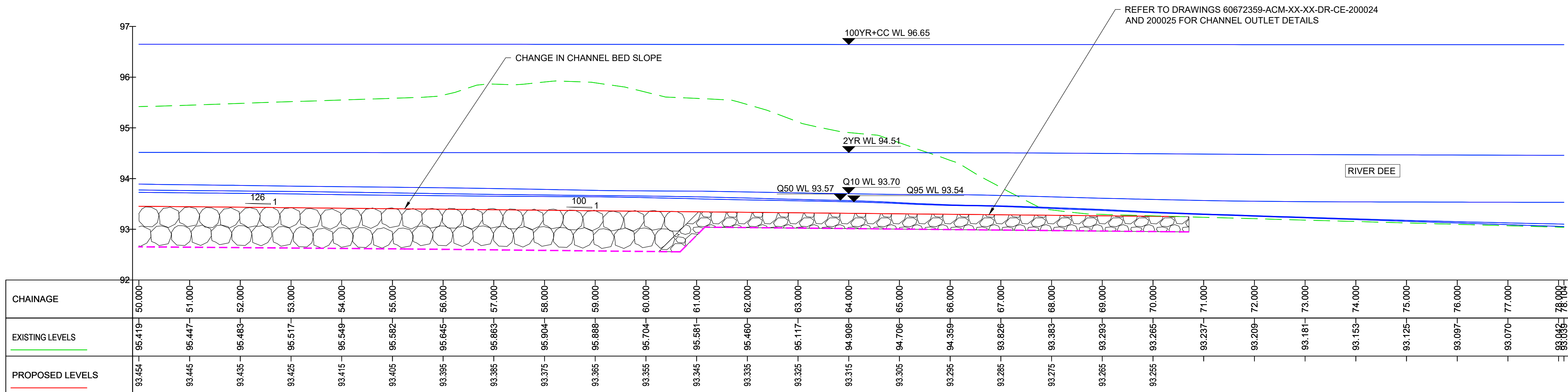
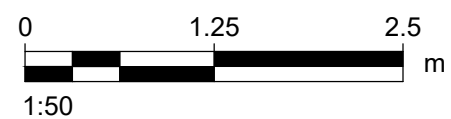


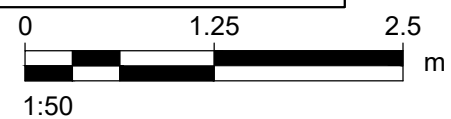
I OPEN CHANNEL LONG SECTION
200020 1:50



I (1) OPEN CHANNEL LONG SECTION CONTINUED (1)
200020 1:50



I (2) OPEN CHANNEL LONG SECTION CONTINUED (2)
200020 1:50



PROJECT
HORSESHOE FALLS
FISH PASS

CLIENT
NATURAL RESOURCES WALES

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Leeds, LS11 9AR
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- NOTES
- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM NEWLYN UNLESS STATED OTHERWISE. DO NOT SCALE.
 - LEVELS AND TOPOGRAPHICAL SURVEY DATA ARE BASED 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.
 - 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.
 - THE FORMATION OF CHANNEL BED AND BANKS IS TO BE INSPECTED BY A COMPETENT GEOTECHNICAL ENGINEER. ANY LOOSE SOILS AND SOFT SPOTS (UNDRAINED SHEAR STRENGTH $c_u < 40kPa$) 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.
 - 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
 - SEPARATION GEOTEXTILE
 - ROCK MATRESS
 - BOULDERS

ISSUE/REVISION

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
LONG SECTION

SHEET NUMBER
60672359-ACM-XX-XX-DR-CE-200021

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