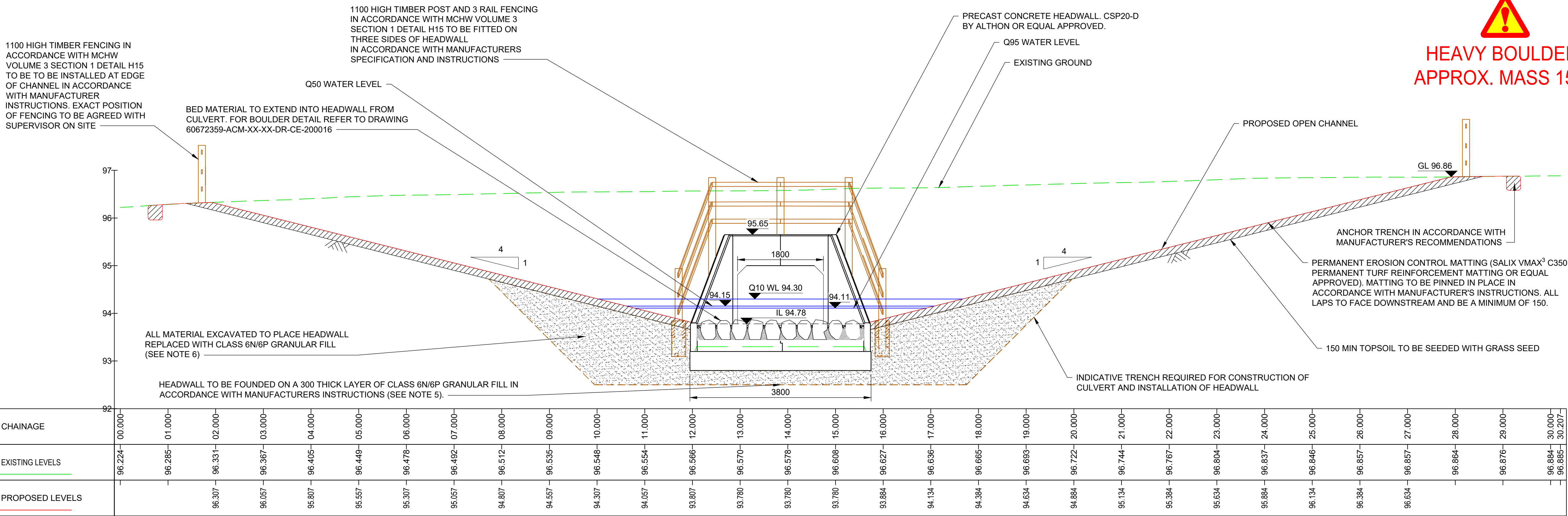
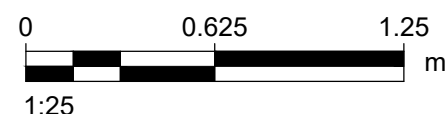
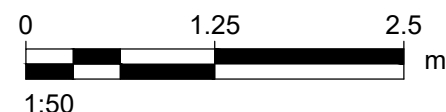


G LONG SECTION THROUGH CULVERT OUTLET
200010 1:50



H CROSS SECTION THROUGH CULVERT OUTLET
200010 1:50



PROJECT

HORSESHOE FALLS FISH PASS

CLIENT

NATURAL RESOURCES WALES

CONSULTANT

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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.
- DRAWING TO BE READ IN CONJUNCTION WITH THE SPECIFICATION FOR HIGHWAY WORKS (S.H.W) SUPPLEMENTED WITH PROJECT SPECIFIC APPENDICES.
- THE FORMATION OF HEADWALLS AND CULVERT IS TO BE INSPECTED BY A COMPETENT GEOTECHNICAL ENGINEER. ANY LOOSE SOILS AND SOFT SPOTS (UNDRAINED SHEAR STRENGTH $c_u < 40kPa$) ON THE FORMATION TO BE REMOVED AND REPLACED WITH COMPACTED CLASS 1A/6N/6P FILL.
- CLASS 6N/6P BACKFILL TO THE WING WALLS TO BE BENCHED INTO THE RE-PROFILED NATURAL SLOPE. THE EXPOSED FACES OF THE BENCHING ARE TO BE INSPECTED AND MADE GOOD AS PER INSTRUCTION IN NOTE 5.
- 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
- PERMANENT EROSION CONTROL MATTING
- SEPARATION GEOTEXTILE
- ROCK MATTRESS
- BOULDER
- 6N/6P FILL
- CONCRETE
- TOP SOIL

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
CULVERT OUTLET SECTIONS

SHEET NUMBER

60672359-ACM-CE-XX-XX-DR-CE-200014

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