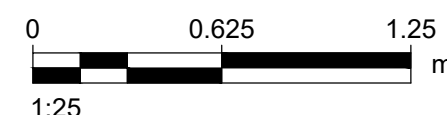


C	LONG SECTION THROUGH CULVERT INLET HEADWALL
200010	1:2



D	SECTIONAL ELEVATION OF CULVERT INLET HEADWALL
200010	1:5



HEAVY ROCK MATTRESSES
APPROX. MASS 640kg, LENGTH 2m

PROJECT

HORSESHOE FALLS FISH PASS

CLIENT

NATURAL RESOURCES WALES









CONSULTANT

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NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM NEWLYN UNLESS STATED OTHERWISE. DO NOT SCALE.
2. 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 THE SURVEY REPORT WAS COMPLETED.
3. FOR PROPOSED GENERAL REFERRANCE REFER TO DRAWING
60672359-ACM-XX-XX-DR-CE-200004.
4. DRAWING TO BE READ IN CONJUNCTION WITH THE SPECIFICATION FOR HIGHWAY WORKS (S.H.W) SUPPLEMENTED WITH PROJECT SPECIFIC APPENDICES.
5. THE FORMATION OF HEADWALLS AND TAILWALLS IS TO BE INSPECTED BY A COMPETENT GEOTECHNICAL ENGINEER. ANY LOOSE SOILS AND SOFT SPOTS (UNDRAINED SHEAR STRENGTH $\leq 40\text{kPa}$) ON THE FORMATION TO BE REMOVED AND REPLACED WITH COMPACTED 1A/6N/6P FILL.
6. 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.
7. 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 INLET HEADWALL
SECTIONS SHEET 1 OF 2

SHEET NUMBER

60672359-ACM-XX-XX-DR-CE-200011