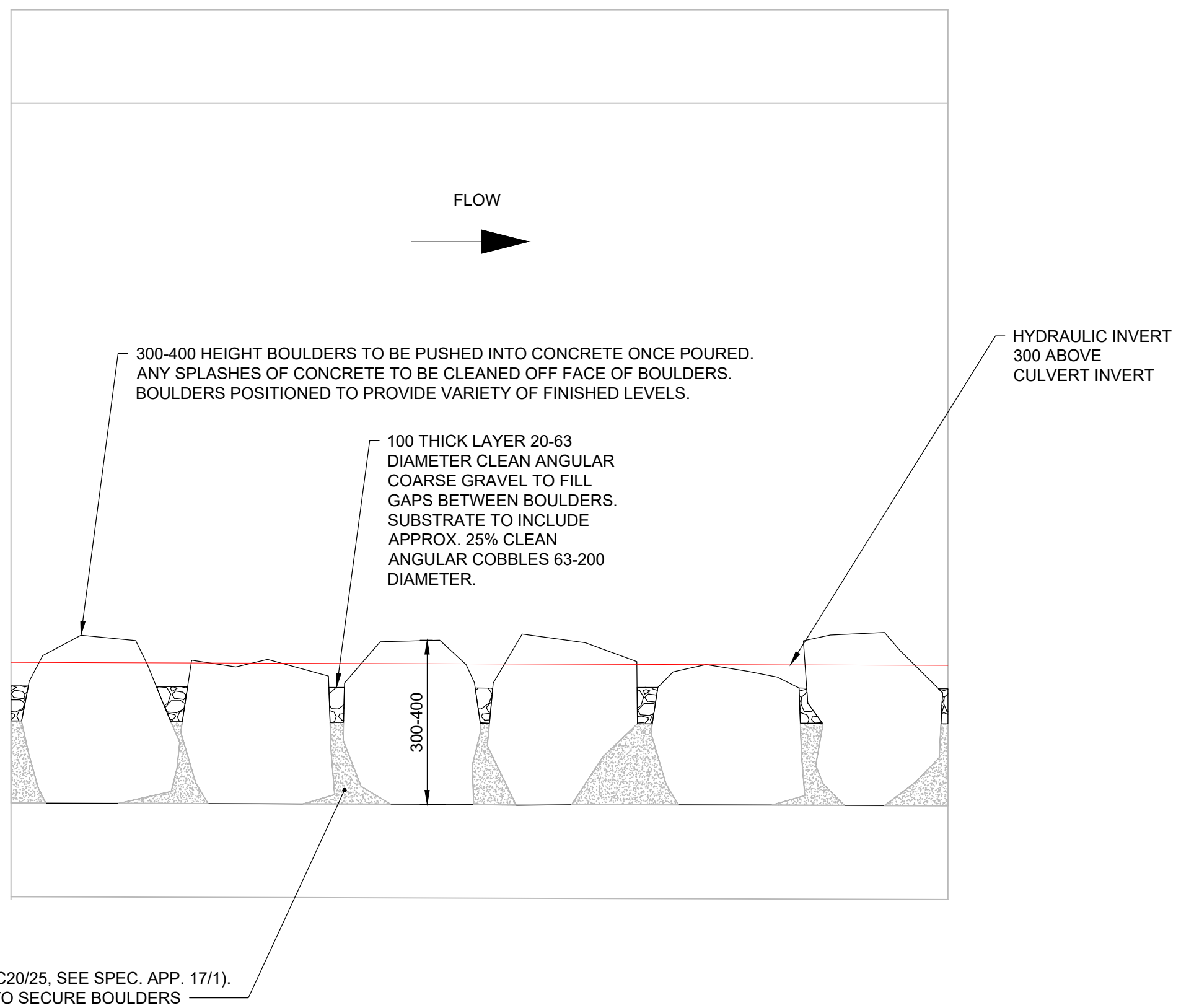
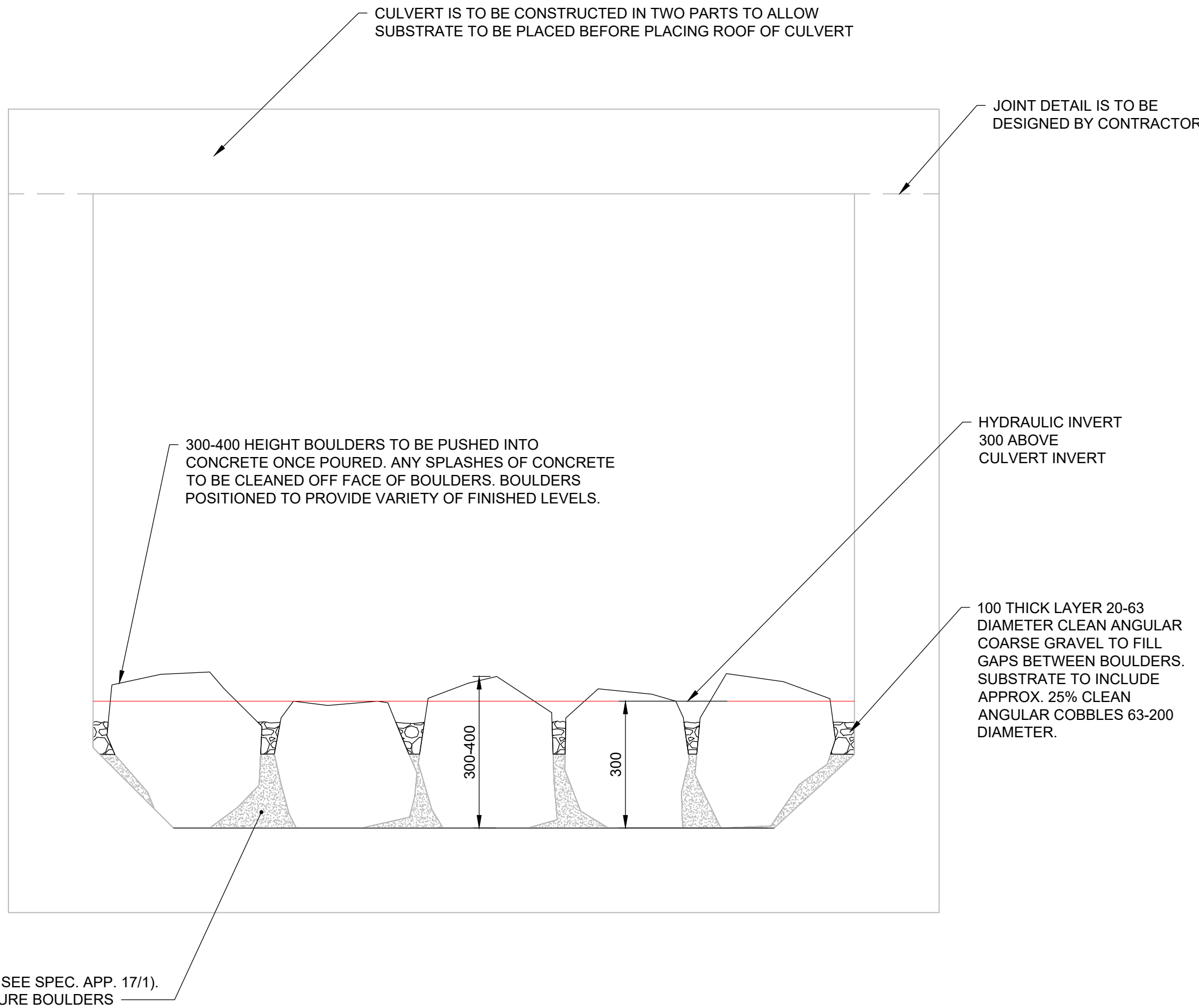
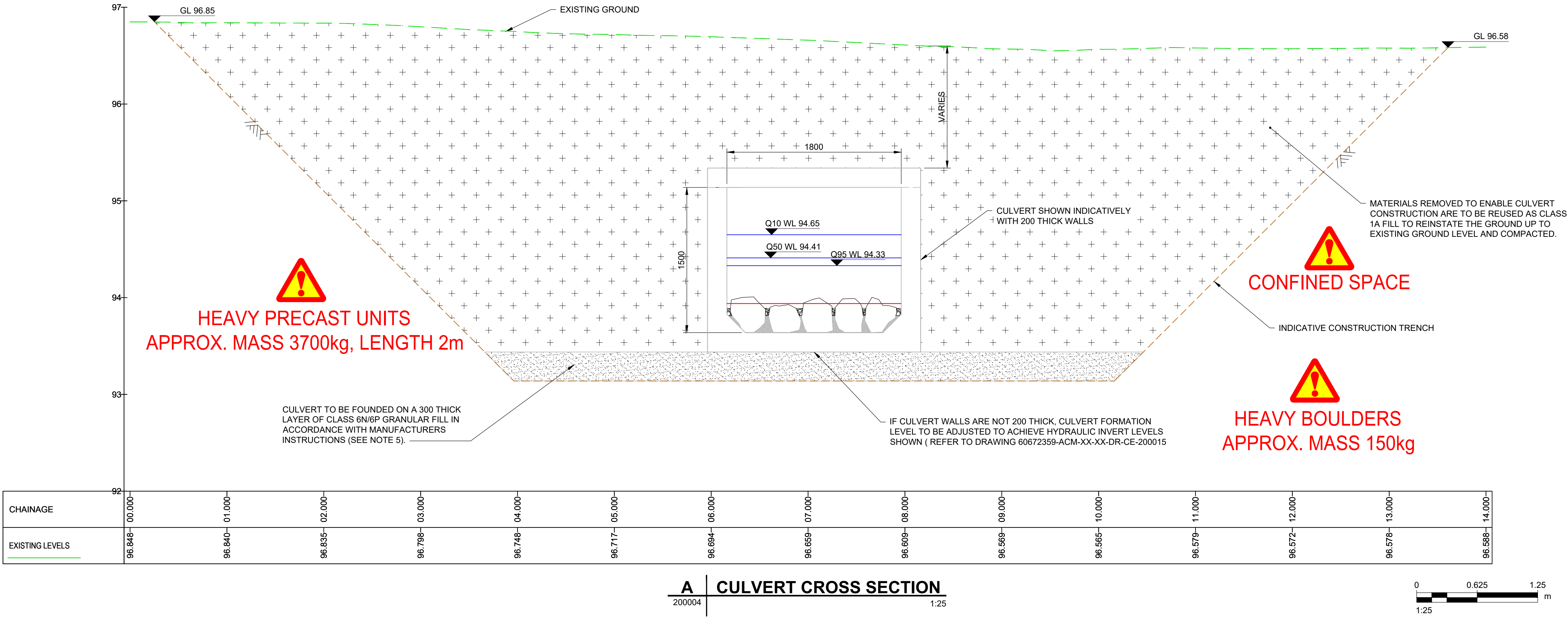


ISO A1 594mm x 841mm  
Project Management Initials: Designer: TA  
Checked: MB  
Approved: MB  
Last saved by: BIESTAM(2022-11-03)  
Filename: Last Plotted: 2022-11-03



**AECOM**

PROJECT

**HORSESHOE FALLS  
FISH PASS**

CLIENT

NATURAL RESOURCES WALES

CONSULTANT

AECOM  
2 City Walk  
Leeds, LS11 9AR  
+44 (0)113 301 8400 tel  
www.aecom.com

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.
- FORMATION OF CULVERT TO BE INSPECTED BY A COMPETENT GEOTECHNICAL ENGINEER. ANY LOOSE SOILS AND SOFT SPOTS (UNDRAINED SHEAR STRENGTH  $c_u < 40 \text{ kPa}$ ) ON THE FORMATION TO BE REMOVED AND REPLACED WITH COMPACTED CLASS 1A/6N/6P FILL.
- TEMPORARY WORKS DESIGN IS THE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY EXCAVATION SLOPES SHOULD BE SPECIFIED AND INSPECTED BY THE TEMPORARY WORKS DESIGNER.
- THE CONTRACTOR SHALL ENSURE THAT DEPOSITION AND COMPACTION OF MATERIAL CAUSES NO DAMAGE TO ANY EXISTING OR NEW STRUCTURES (E.G. CULVERT).
- 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
- HYDRAULIC INVERT
- REINSTATED CLASS 1A MATERIAL
- GEN3 CONCRETE
- GRAVEL
- BOULDER

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  
CROSS SECTION AND DETAIL

SHEET NUMBER

60672359-ACM-XX-XX-DR-CE-200016

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