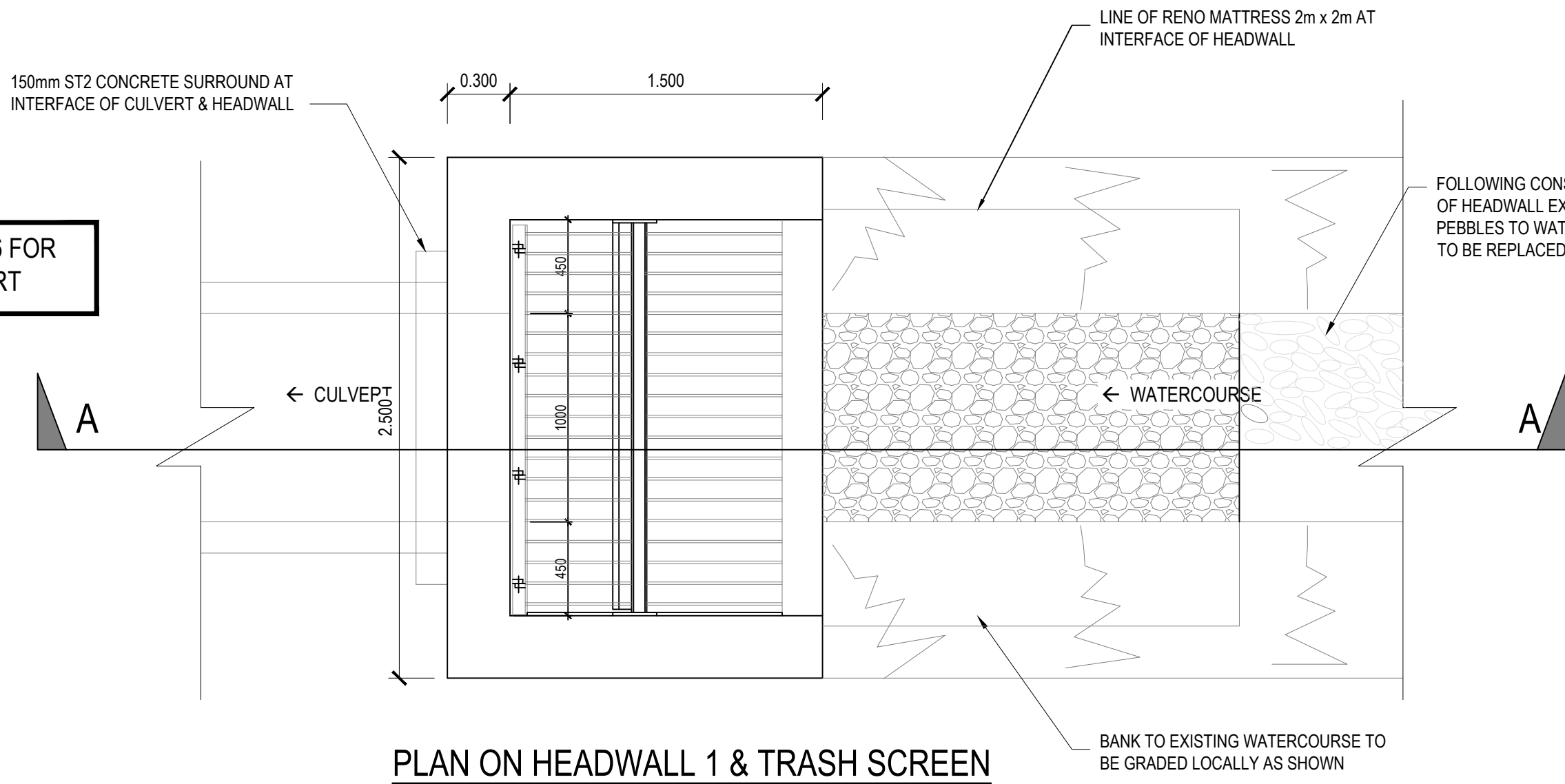
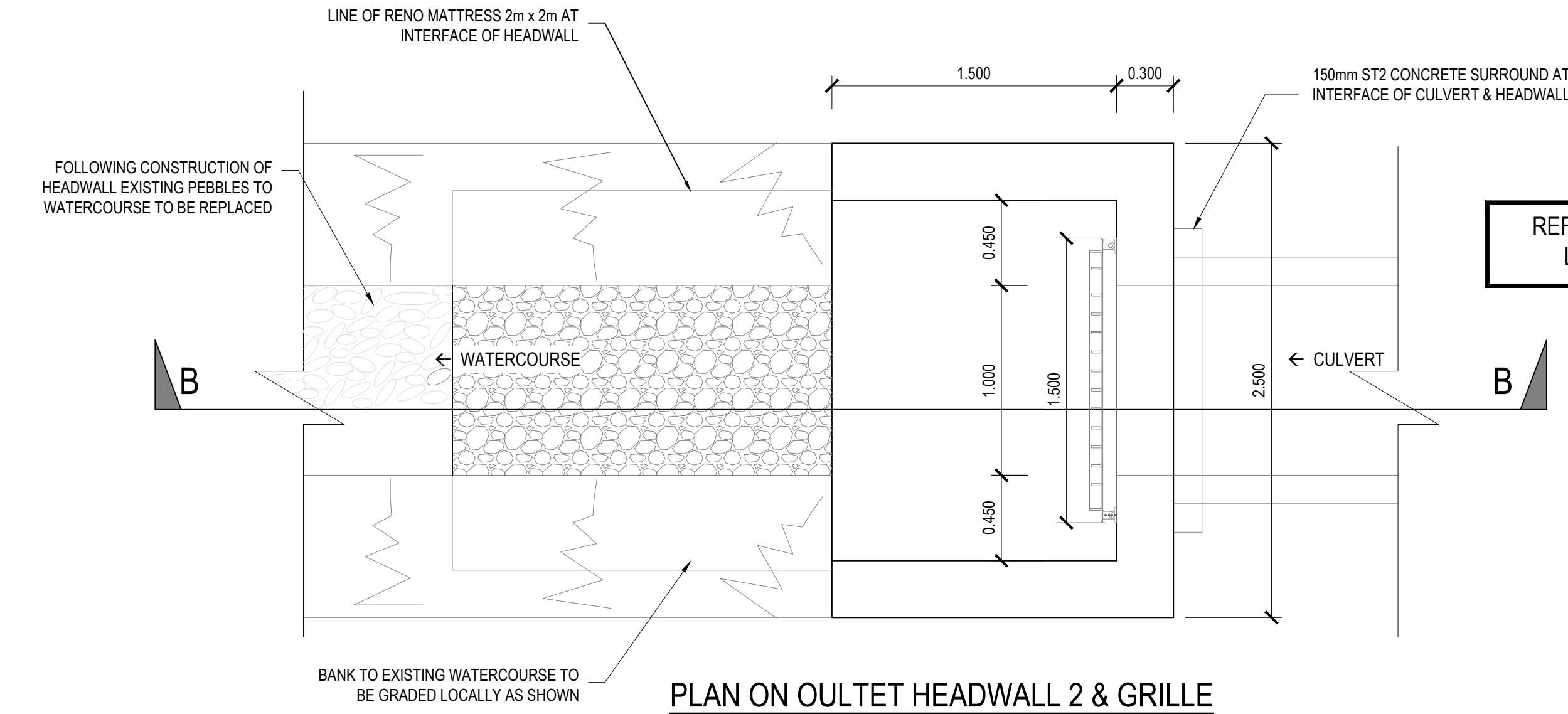


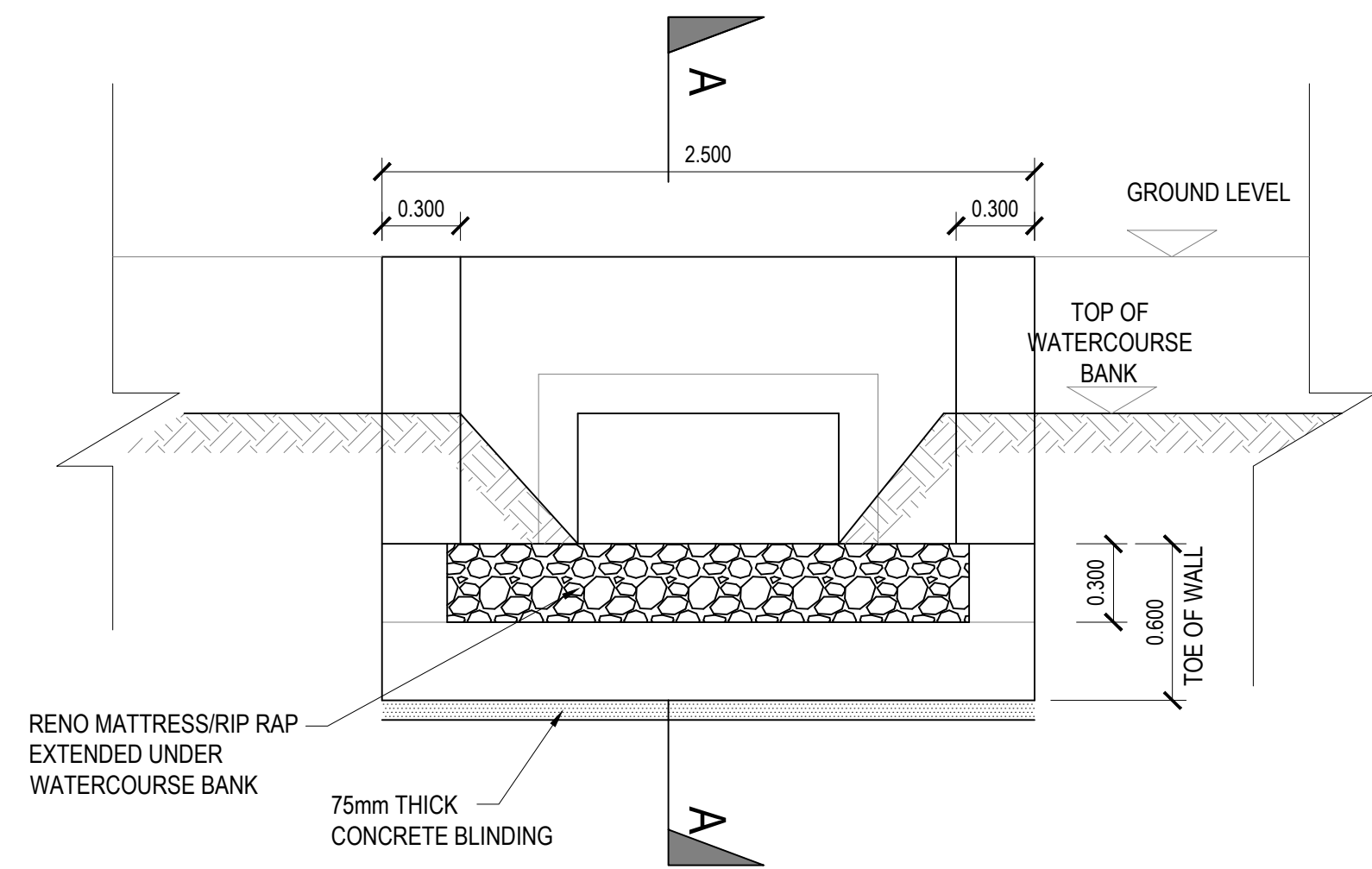
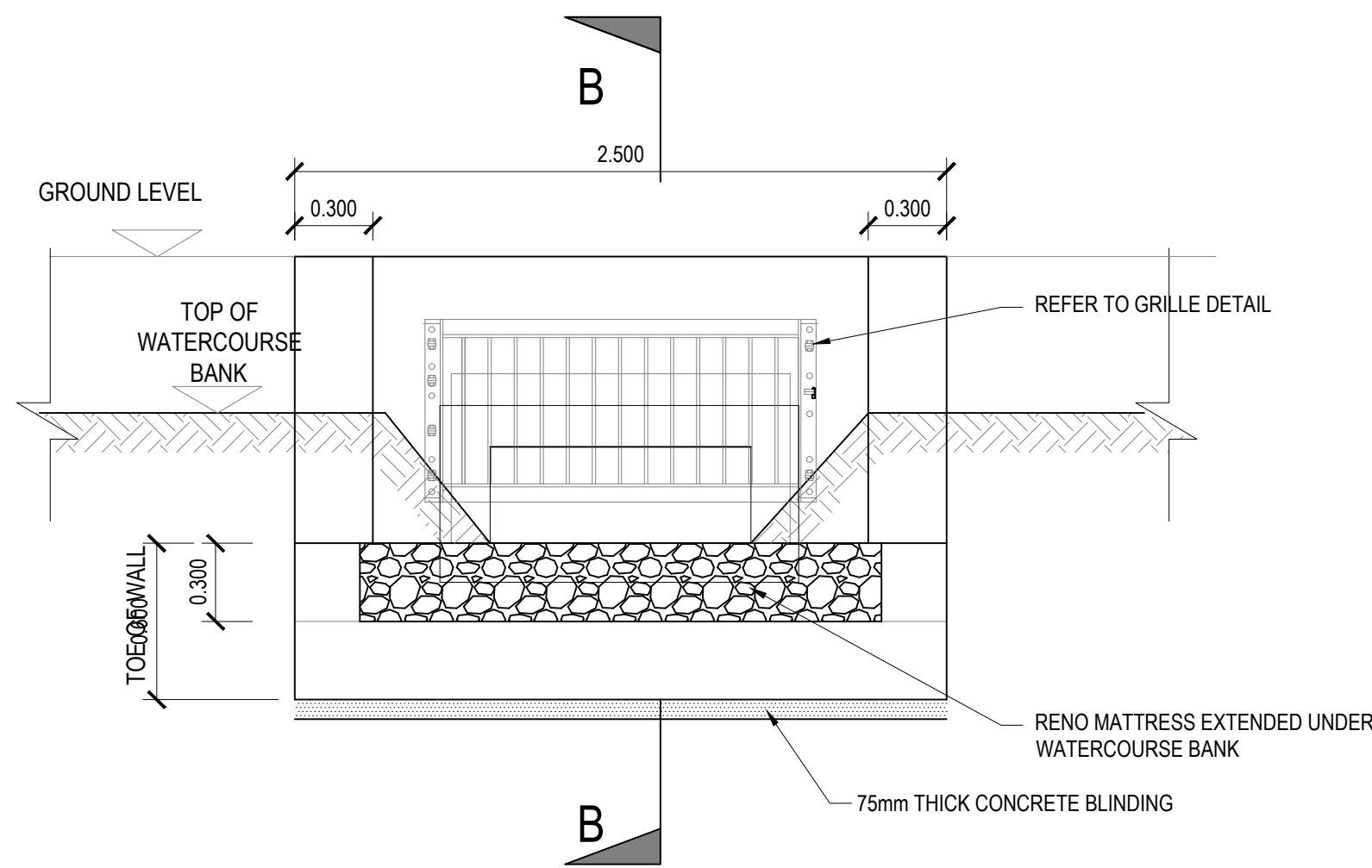
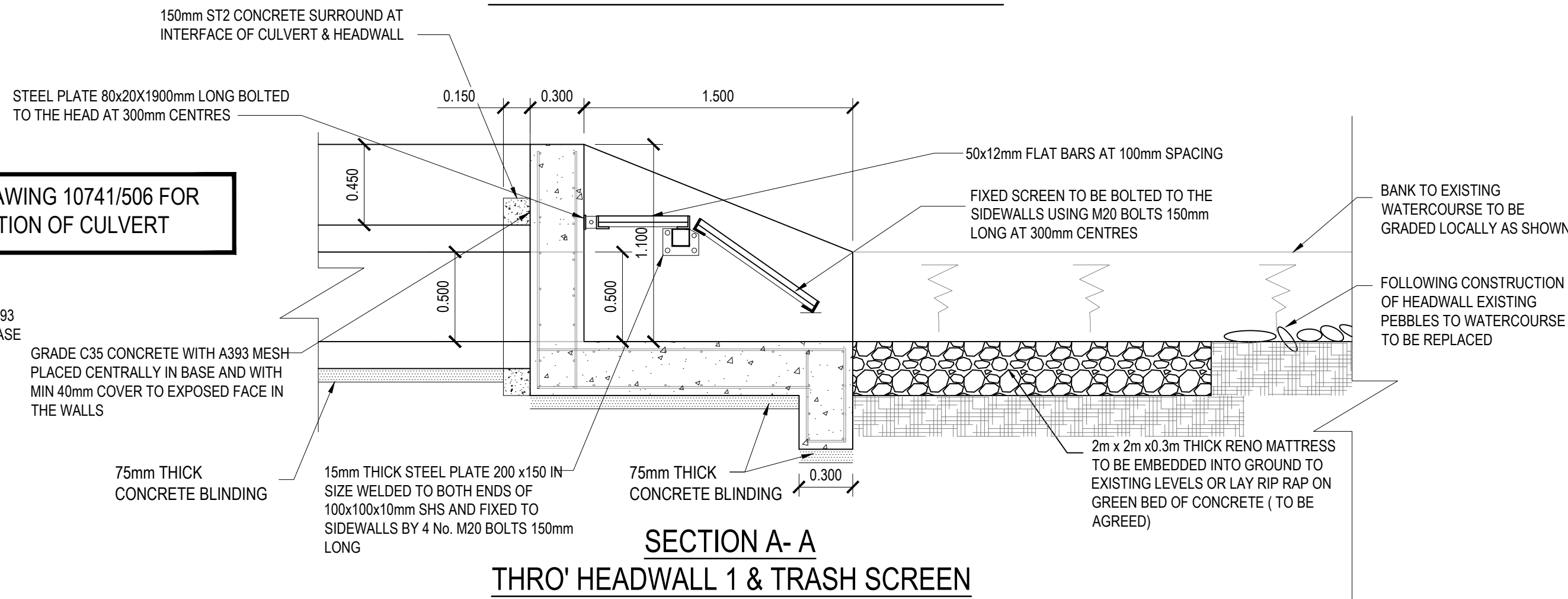
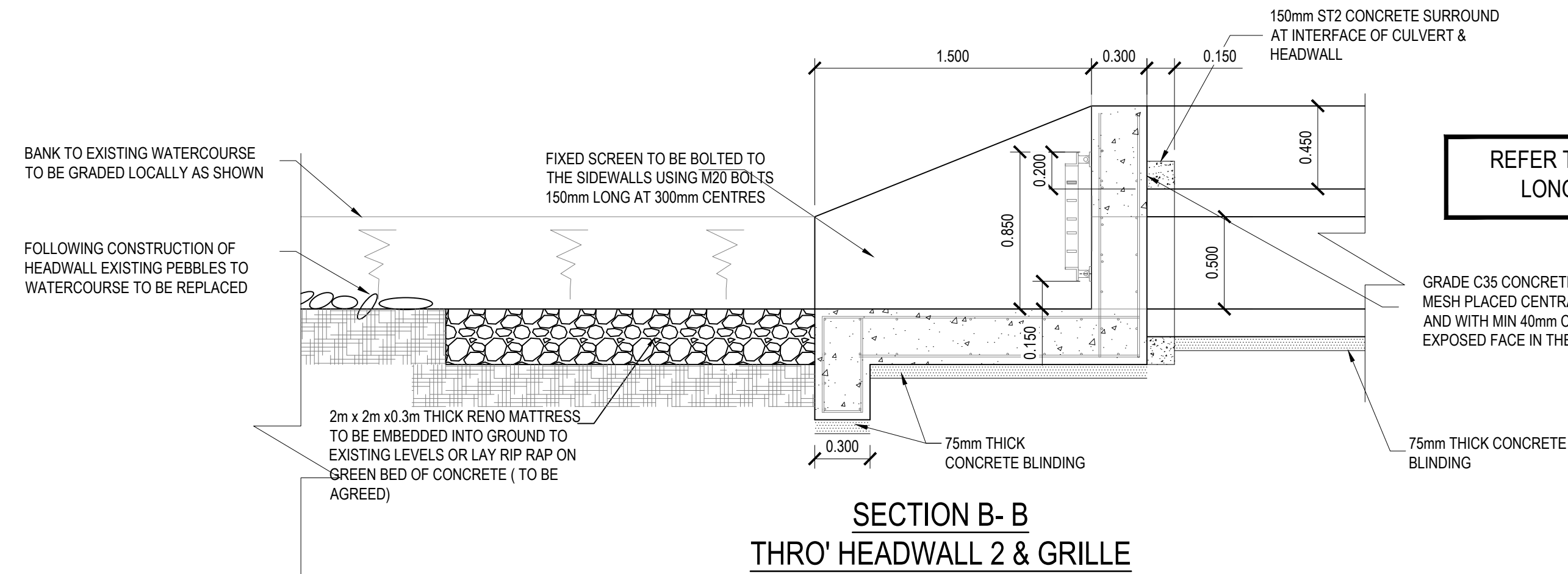


CONSTRUCTION NOTES :

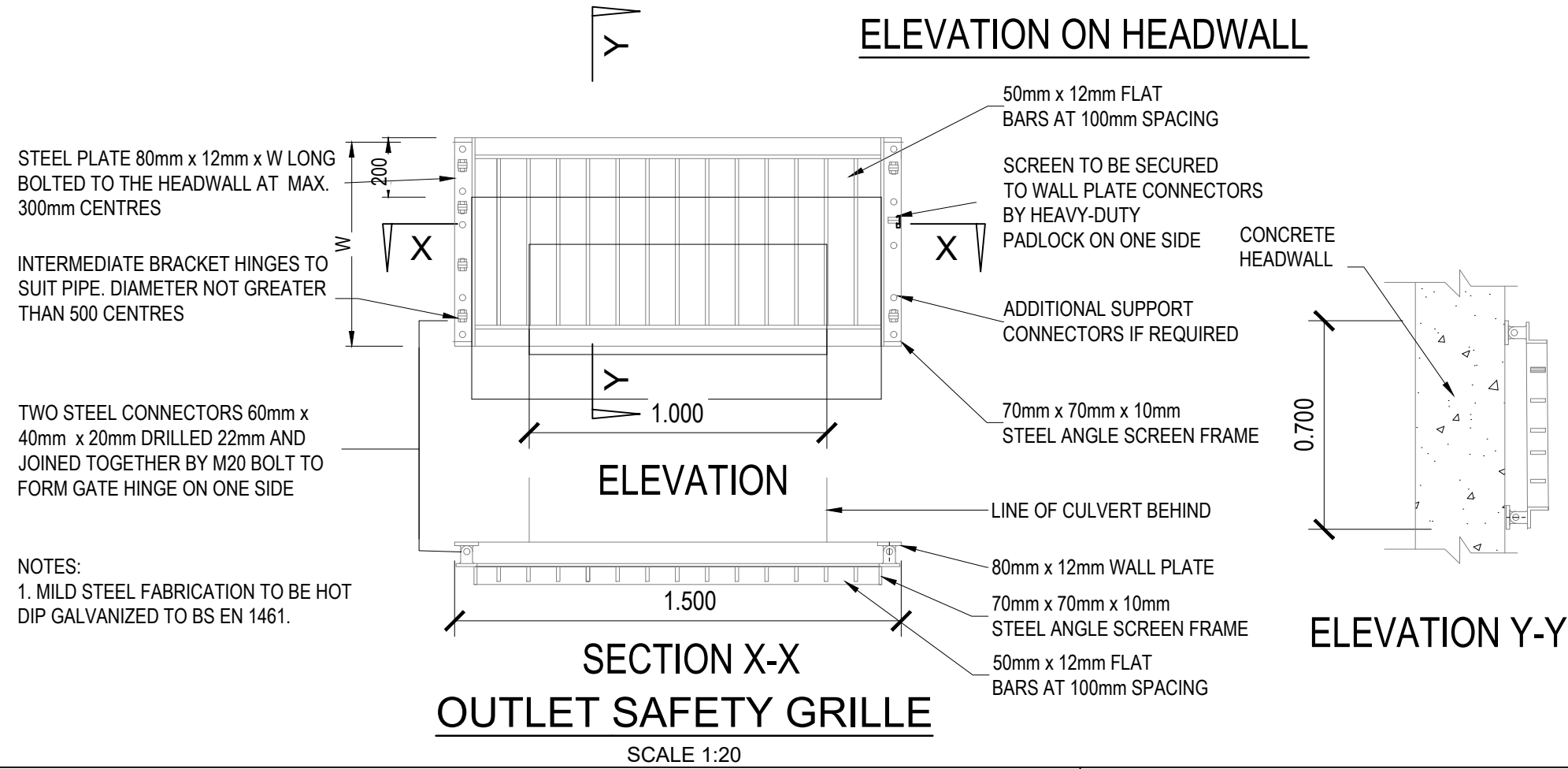
- UNLESS OTHERWISE STATED - ALL CONCRETE BELOW GROUND TO BE DESIGN SULPHATE CLASS DS1 WITH AN ACEC OF AC-1.
- HEADWALL STRUCTURAL CONCRETE TO BE RC32/40 TO BS 8500-2 AND FINISHED AS FOLLOWS:
BURIED SURFACES:
UNFORMED SURFACES SHALL BE CLASS U1
FORMED SURFACES SHALL BE CLASS F1
EXPOSED SURFACES:
UNFORMED SURFACES SHALL BE CLASS U3
FORMED SURFACES SHALL BE CLASS F3
- ALL REINFORCEMENT TO HAVE 60mm COVER.
- GABION BASKETS AND RENO MATTRESS IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAYS CL 626, FILLED WITH CLASS 6G MATERIAL AND ASSEMBLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. FORMATION OF MATTRESSES AND BASKETS TO BE LINED WITH TERRAM 1000 OR SIMILAR APPROVED NON-WOVEN GEOTEXTILE.

TRASH SCREEN NOTES:

- THE PROVISION OF A TRASH SCREEN SHALL BE ON A SITE BY SITE BASIS AND SUBJECT TO APPROVAL OF HIGHWAY AUTHORITY.
- PRIOR TO ANY CONSTRUCTION A CONSENT FROM THE NRW MUST BE OBTAINED REGARDIONG THE PROPOSALS.
- THIS SCREEN DESIGN IS DESIGNATED TO ALLOW FOR SMALL AMOUNT OF DEBRIS EQUAL TO 30m³ COLLECTED PER YEAR. FOR MEDIUM AMOUNT OF DEBRIS THIS SCREEN AREA MUST BE GREATER OF SEVEN TIMES CULVERT AREA OR 9m² AND ADDITIONAL SIDE SUPPORT TO BE PROVIDED UNDER THE HINGED SCREEN.
- THE LOWER SCREEN IS TO BE FIXED TO THE ADJACENT STRUCTURE USING M20 ANCHOR BOLTS (EXPANSION SHELL TYPE) 150mm LONG AT 300mm CENTRES.
- ALL SCREEN FRAME IS MADE UP OF STEEL ANGLES 70x70x10mm JOINTED TOGETHER WITH 6mm FILLET WELD AND HOT DIP GALVANISED TO BS EN ISO 1461.
- THE OPENING COVER SHALL BE HINGED ALONG THE HEADWALL AND SECURED AT HTE RHS BEAM. A HEAVY DUTY PADLOCK SHALL SECURE THE COVER.
- ALL SCREEN COMPONENTS SHALL BE GALVANISED TO COMPLY WITH CLAUSE 1911.1 OF THE SPECIFICATION FOR HIGHWAY WORKS (AS AMENDED).
- ALL BARS/STRUTS SHALL BE SPACED AT 100mm CENTRES. VERTICAL STRUTS WILL BE REQUIRED ALONG THE TOP SURFACE OF THE SCREEN FOR EASE OF RAKING.
- ST1 BLINDING CONCRETE, 75mm THICK, SHALL BE USED ON THE UNDERSIDE OF THE BASE SLAB AND FOUNDATIONS.

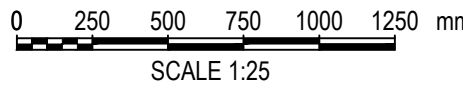


Issue For Approval



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
- DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
- ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING NO. 10741/506



01	rev.	drawn	chkd.	appd.	MJ	30.06.2020	ISSUE FOR APPROVAL		
							description		
Client									
MANNING CONSTRUCTION PENCOED									
Project									
RESIDENTIAL DEVELOPMENT GLYNNEATH, NEATH PORT TALBOT									
Title									
SECTION 23 PROPOSED HEADWALL & TRASH SCREEN DETAILS									
 Vale Consultancy CONSULTING CIVIL & STRUCTURAL ENGINEERS 29 Bocam Park, Old Field Road, Pencoed, Bridgend CF35 5LJ. Phone: 01656 863794 Email: enquiries@vale-consultancy.co.uk									
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