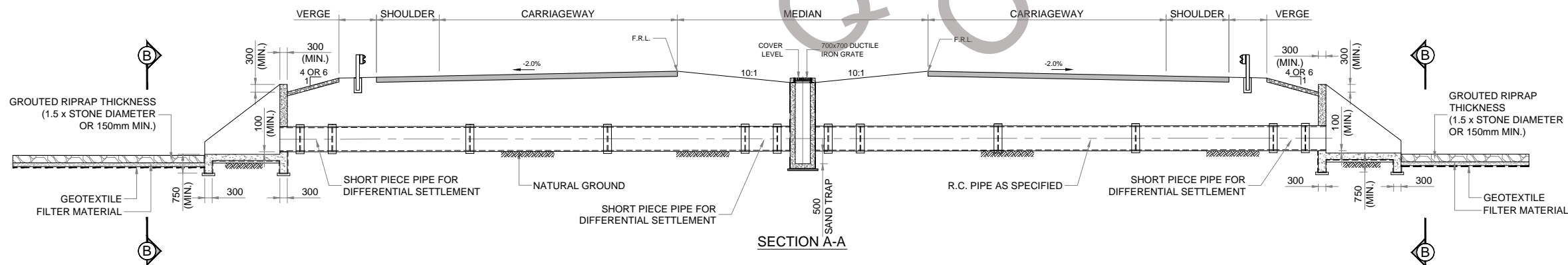
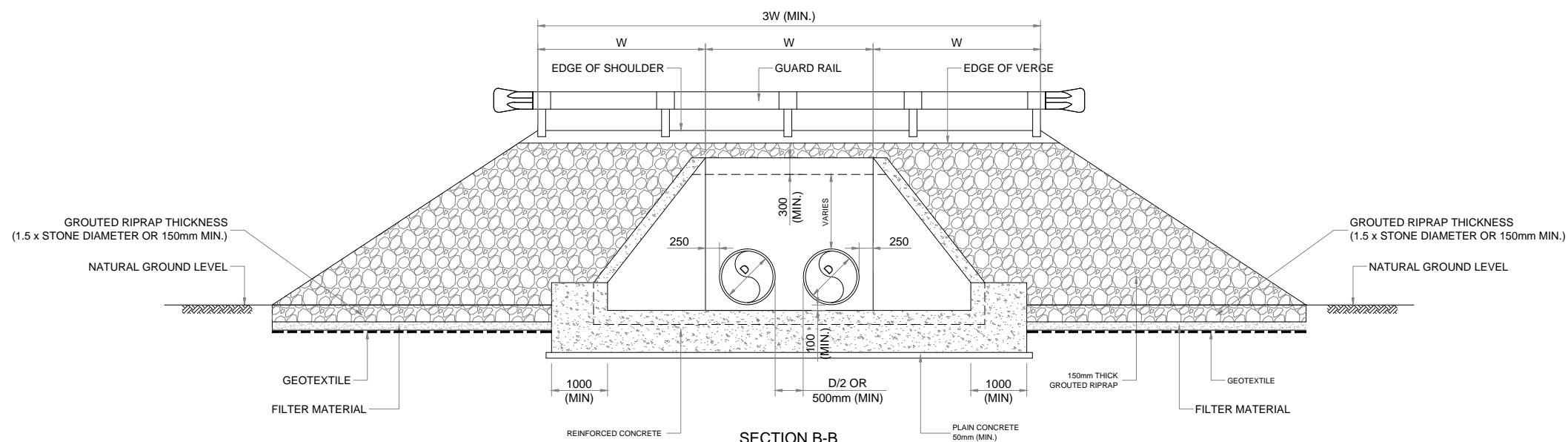


PLAN



SECTION A-A



SECTION B-B

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.
2. IF THERE IS DISCREPANCY BETWEEN THE REQUIREMENTS IN THE SPECIFICATIONS AND THOSE SHOWN ON THIS DRAWING, THE SPECIFICATIONS SHALL BE FOLLOWED.
3. ALL MATERIALS, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND VERIFIED BY THE ENGINEER.
4. THE CONTRACTOR SHALL PREPARE AND SUBMIT DRAWING SHOWING REINFORCEMENT DETAILS WITH REQUIRED STRUCTURAL CALCULATIONS FOR THE ENGINEER APPROVAL.
5. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 25 x 25mm CHAMFER.
6. RIPRAP SHALL BE PROVIDED ON THE UPSTREAM AND DOWNSTREAM SIDES OF CULVERT. THE EXTENT OF RIPRAP SHALL SUIT SITE CONDITIONS.
7. CONCRETE COVER TO REINFORCEMENT SHALL BE AS PER SPECIFICATIONS.
8. R.C. PIPE GRADE SHALL BE ACCORDING TO BACKFILLING DEPTH & BEDDING CALCULATIONS.
9. FOR SITES WITH HIGH GROUND WATER, THE CONTRACTOR IS REQUIRED TO PERFORM A STABILITY CHECK FOR THE STRUCTURES AGAINST UPLIFT/FLOATATION CONSIDERING DIFFERENT CASES OF LOADING TO THE APPROVAL OF THE ENGINEER.
10. LOCATION OF DRAINAGE CULVERT SHALL BE DECIDED ON SITE SUBJECT TO THE APPROVAL OF THE ENGINEER.
11. PIPE SIZES & Nos. SHALL BE AS PER THE DESIGN FLOW REQUIREMENTS AND TO THE APPROVAL OF THE ENGINEER.

REFERENCE DRAWINGS AND DOCUMENTS

No.	REVISIONS	APP'D	DATE

CLIENT

TITLE
STANDARD DRAWINGS
MAIN ROADS

DRAWING TITLE

SURFACE DRAINAGE TYPICAL
DETAILS OF PIPE CULVERT

DRAWN	-	SCALE	N.T.S
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-244