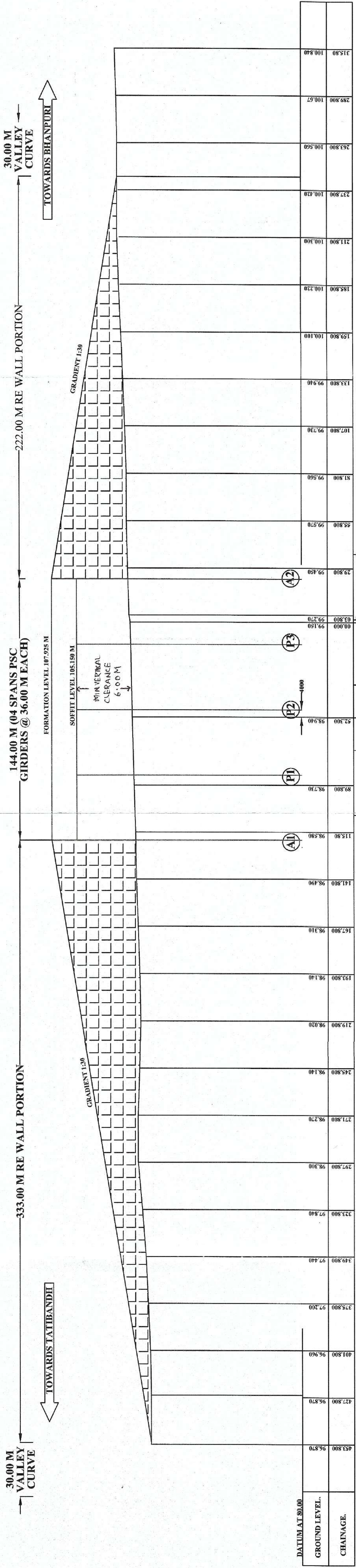
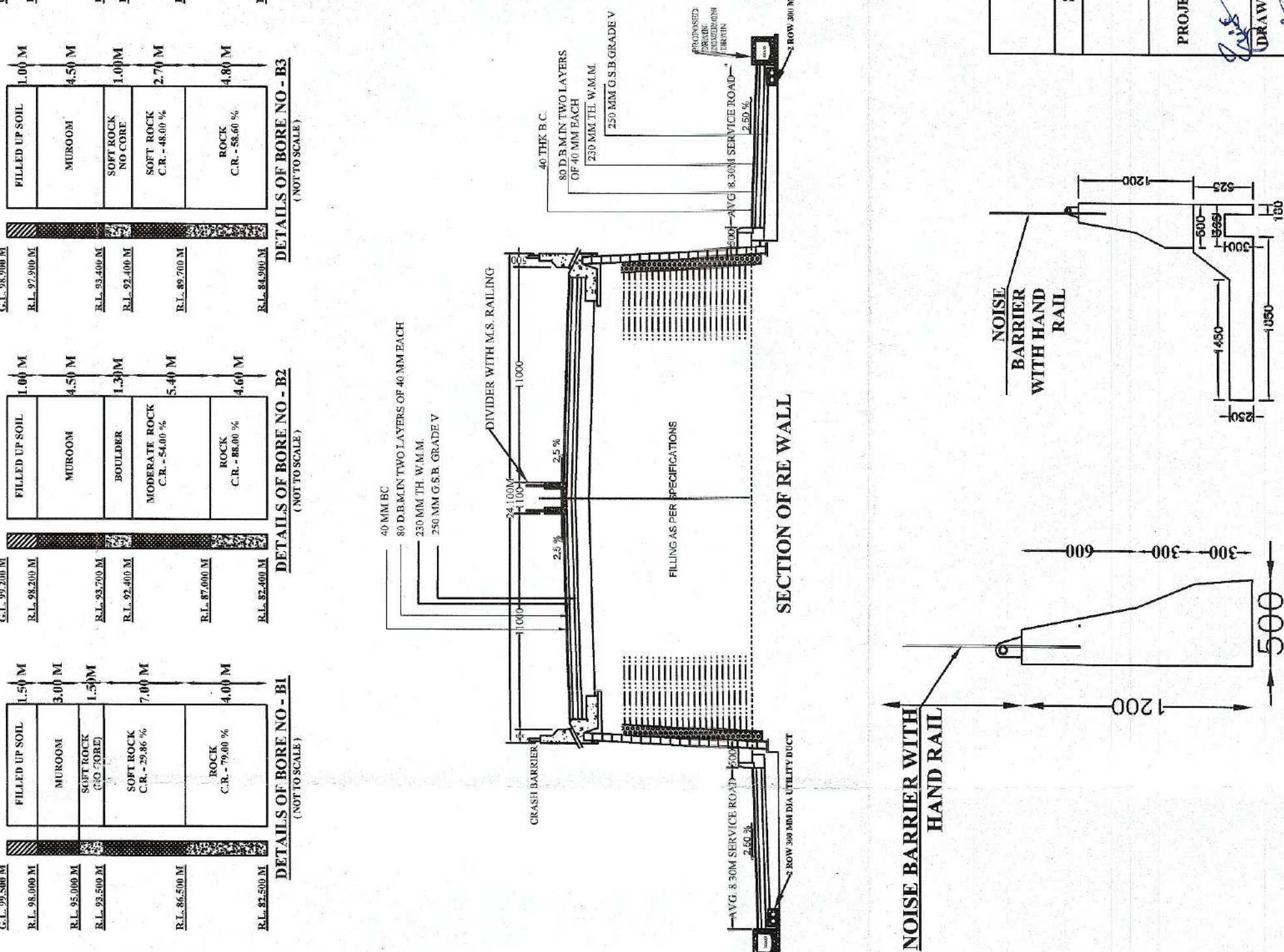
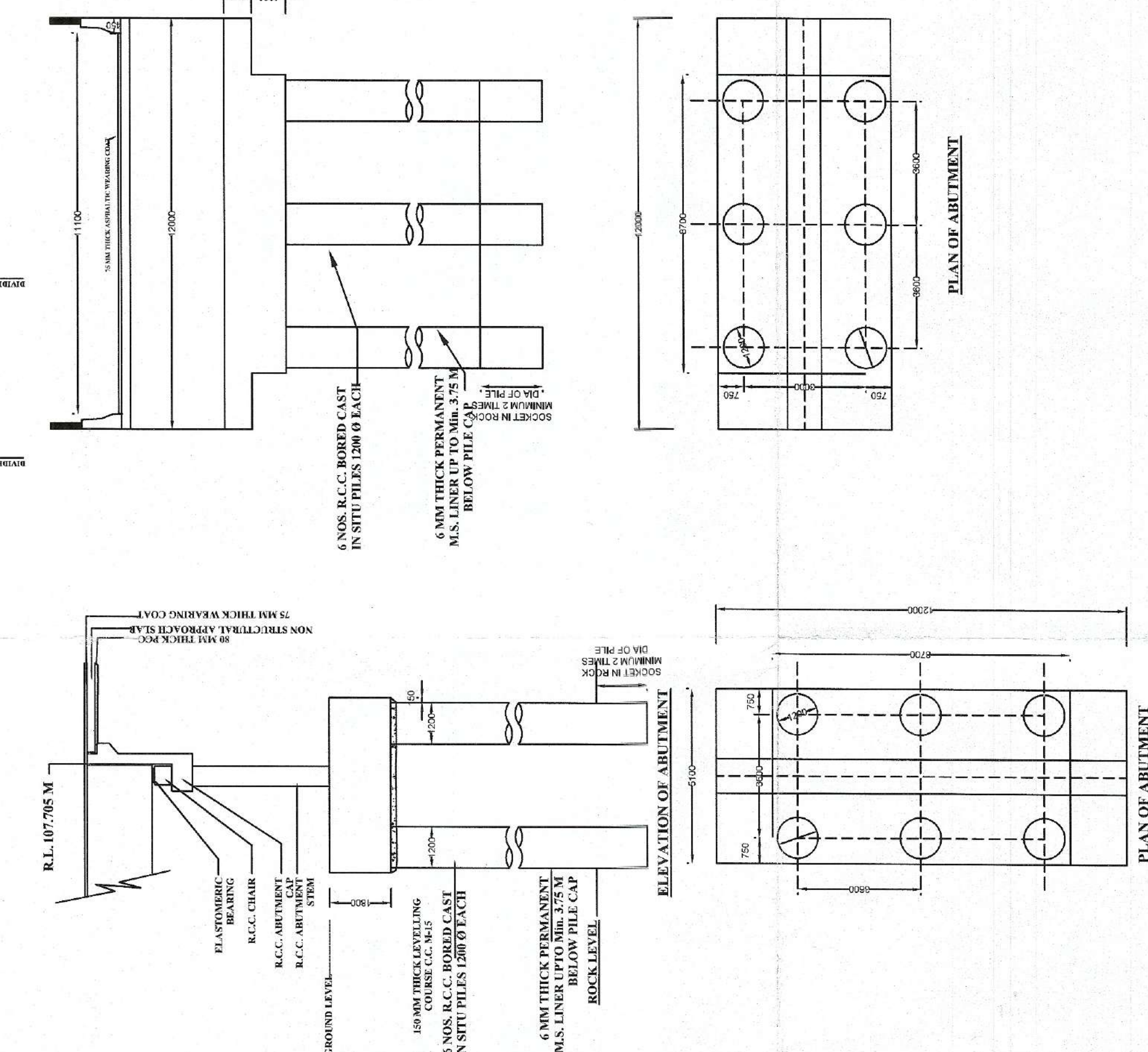
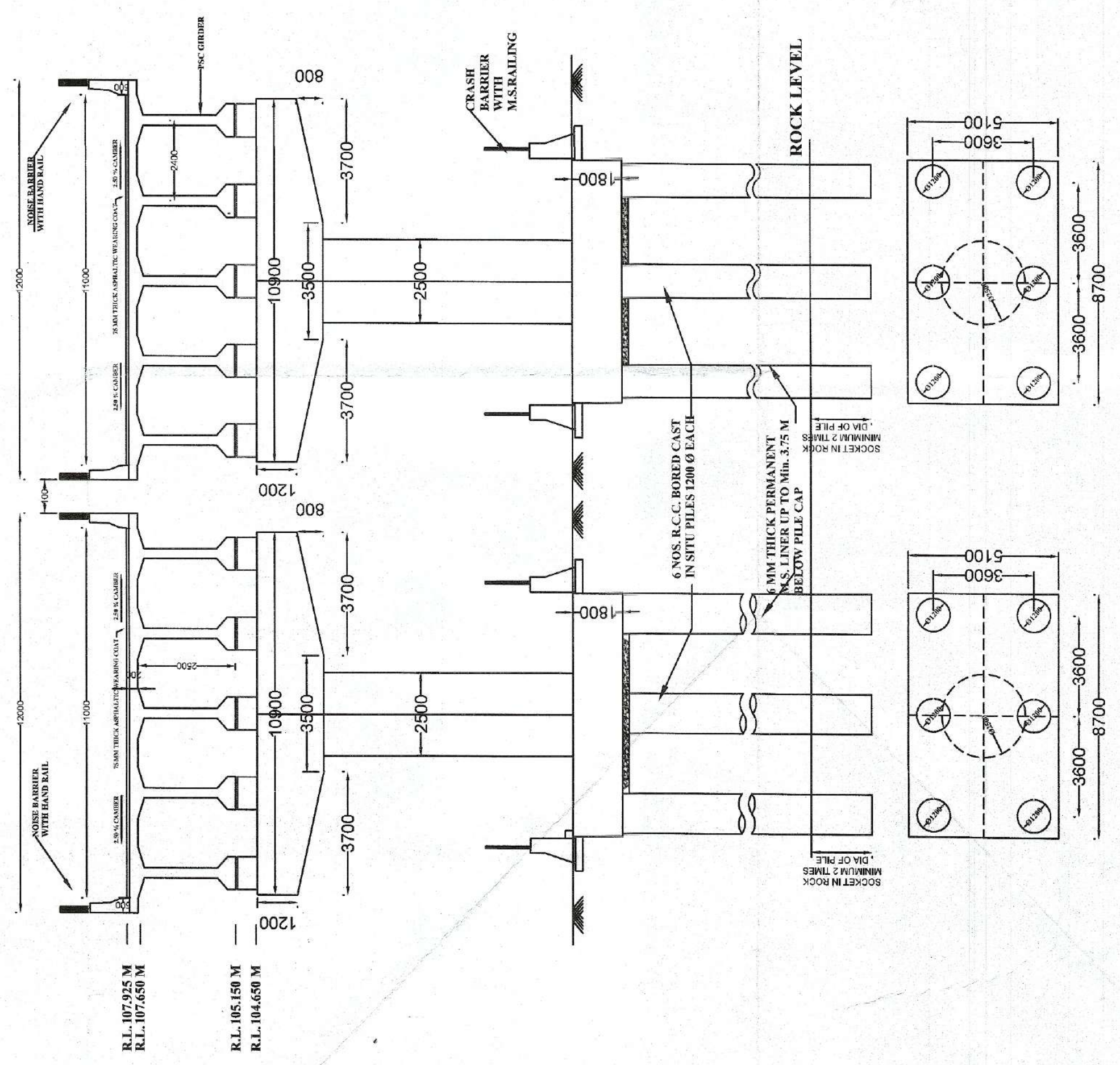


PROPOSED CONSTRUCTION OF OVERPASS ACROSS GOGAON-JURLA ROAD ON RING ROAD NO.2 NEAR SONDONGARI CHOWK , RAIPUR.



1. ALL DIMENSIONS ARE IN MM. AND LEVELS / R.L.S IN METER UNLESS OTHERWISE SPECIFIED.
2. NO DIMENSIONS SHALL BE CALLED FROM THESE DRAWINGS UNLESS SPECIFICALLY NOTED.
3. THE DIMENSIONS, SECTIONAL DETAILS, CURVE DETAILS ETC. SHOWN ARE FOR INFORMATION ONLY. ANY CHANGE TO THE DESIGN SHALL BE APPROVED BY THE ENGINEER IN CHARGE TO SUIT DESIGN REQUIREMENTS AND SITE CONDITIONS.
4. MINIMUM VERTICAL CLEARANCE FROM DRIVEWAY LEVEL TO BOTTOM OF SPILL BEAM FOR CENTRAL SPAN TO BE TAKEN AS 6.0 METERS.
5. PROPER PROTECTION MEASURES SHALL BE TAKEN WHILE EXECUTING WORK NEAR THE ROAD CROSSING.
6. CARRIAGEWAY SHALL BE GIVEN ON EITHER SIDE OF CENTER LANE OF CARRIAGEWAY.
7. 15% GRADE LEVELLING COURSE OF THICKNESS 100MM WITH 100MM PROJECTION ALL ROUND BEYOND THE PILE CAP FACE.
8. DIAMETER, DEPTH AND NUMBER OF PILES SHOWN ARE TENTATIVE.
9. PILES SHALL BE EMBEDDED AT LEAST TWO TIMES THE DIAMETER OF PILE INTO THE ROCK.
10. ONE PILE SHALL BE LOAD TESTED BEFORE OTHER CASTING OF MAIN PILES.
11. ALL PILES SHALL BE CAST WITH 10% EXCESS MAINTAINANCE MORTAR, L.E.C. AND 15% SPECIFICATIONS SHALL BE USED.
12. 25 MM THICK MASTIC ASPHALT + 50 MM EACH OF R.C. WEARING COURSE SHALL BE PROVIDED.
13. CRASH BARRIER SHALL BE AS PER LATEST I.E.C. STANDARD.
14. WATER SLOUT SHALL BE PROVIDED AT 600 M LONGITUDINAL INTERVAL STAGGERED ON EITHER SIDE OF THE CARRIAGEWAY.
15. ALL STRUCTURES SHALL BE DESIGNED AS PER MORT & R. AND I.E.C. SPECIFICATIONS FOR ROAD AND BRIDGE.
16. ELASTOMERIC BEARING IN ALL SPANS SHALL BE AS PER MORT & R. AND I.E.C. SPECIFICATIONS.
17. MINIMUM GRADE OF CONCRETE FOR BRIDGE WORK R.C.C. - M35.
18. THE STRUCTURE WILL BE DESIGNED AS PER LATEST I.E.C./ I.S. SPECIFICATIONS FOR MODERATE CONDITION EXPOSURE.
19. MINIMUM COVER OF ALL REINFORCEMENT SHALL BE AS PER MORT & R. AND I.E.C. SPECIFICATIONS.
20. SAFE BEARING CAPACITY OF FOUNDATION FOR REINFORCED EARTH WALL SHALL BE 50 T/M².
21. ONE LANE OF CLASS 'III' FOR EVERY TWO LANES WITH ONE LANE OF CLASS 'II' ON THE REMAINING LANES ON ONE LANE OF CLASS 'A' FOR EACH LANE.
22. IN BORING OF PILE ROCK CORE SHOULD BE RECOVERED AND KEPT FOR OBSERVATION & APPROVAL BY ENGINEER IN CHARGE.



FOUNDING LEVELS		DETAILS OF BORE NO. - B1		DETAILS OF BORE NO. - B2		DETAILS OF BORE NO. - B3		DETAILS OF BORE NO. - B4		DETAILS OF BORE NO. - B5	
S.No.	Location	Riched Levels	Riched Levels	Riched Levels	Riched Levels	Riched Levels	Riched Levels	Riched Levels	Riched Levels	Riched Levels	Riched Levels
1	A1	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M	R.L. - 86.200 M
2	P1	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M	R.L. - 85.200 M
3	P2	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M	R.L. - 87.200 M
4	P3	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M	R.L. - 84.400 M
4	A2	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M	R.L. - 84.100 M

SECTION OF PIER FOR PRESTRESS GIRDER

DETAIL OF CRASH BARRIER

SECTION OF FRICTION SLAB

SECTION OF RE WALL

NOISE BARRIER WITH HAND RAIL

NOISE BARRIER WITH HAND RAIL

NOISE BARRIER WITH HAND RAIL

NOISE BARRIER WITH HAND RAIL

NOISE BARRIER WITH HAND RAIL

NOISE BARRIER WITH HAND RAIL

NOISE BARRIER WITH HAND RAIL

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