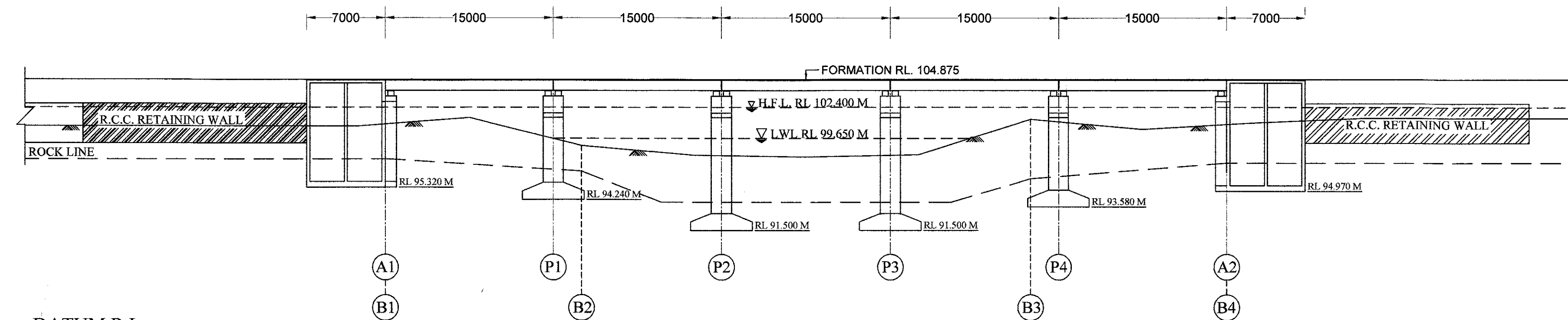


DHAUR SIDE

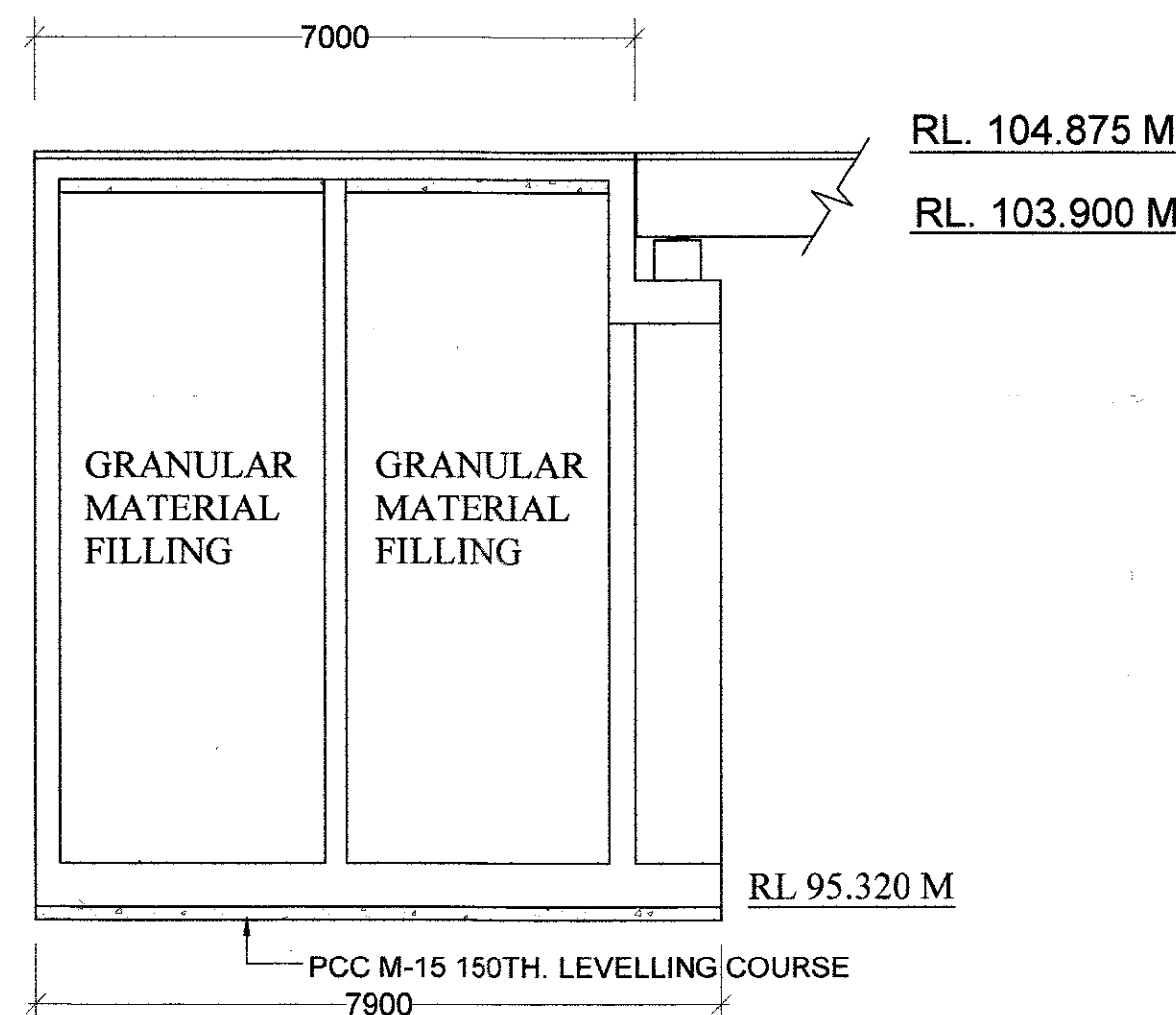
MALPURIKHURD SIDE

LENGTH OF BRIDGE = 75.00 M ( 5 SPANS OF 15.00 M EACH )

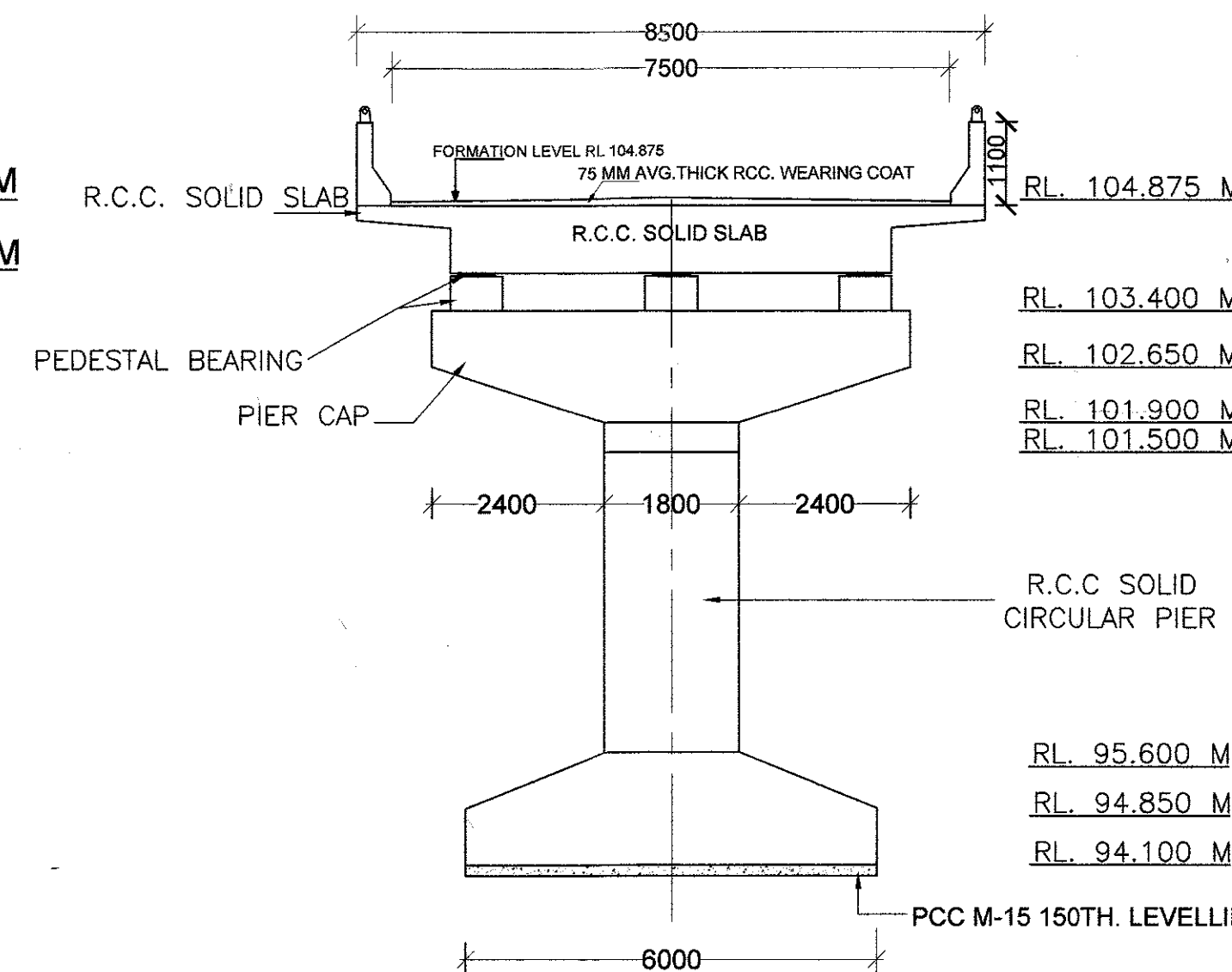


DATUM R.L.  
80.000M

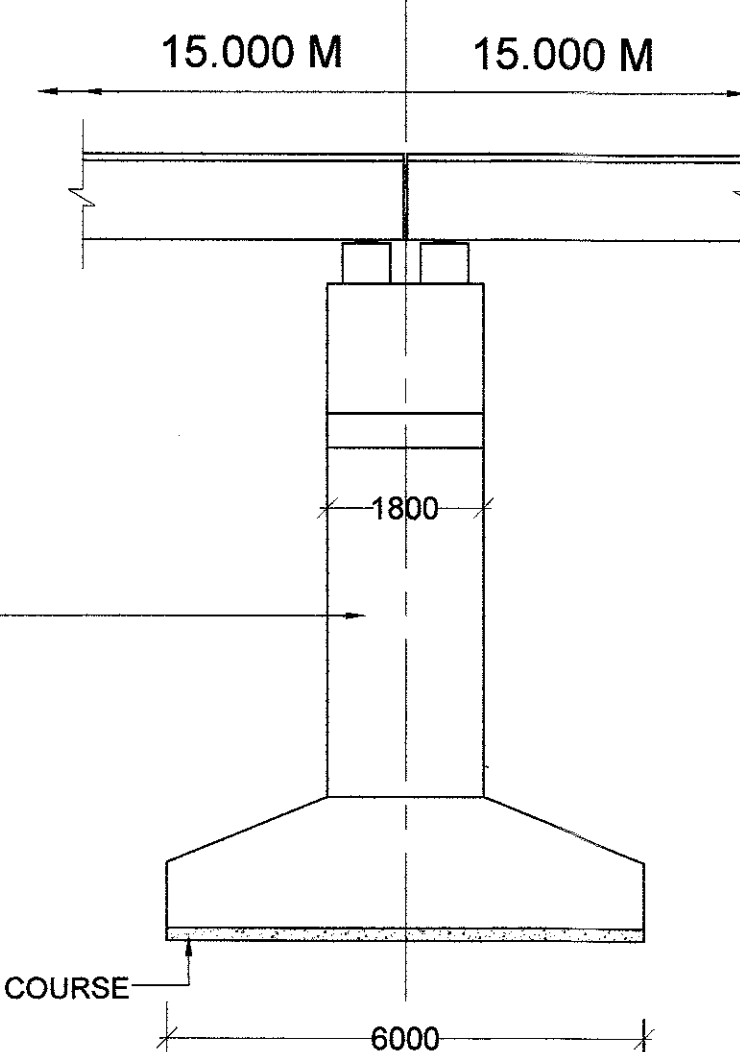
GROUND LEVELS	100.75	100.73	101.49	99.000	98.150	98.000	98.200	101.33	100.45	101.03	101.45
CHAINAGE	50.00	40.00	30.00	20.00	10.00	0.00	10.00	20.00	30.00	40.00	50.00



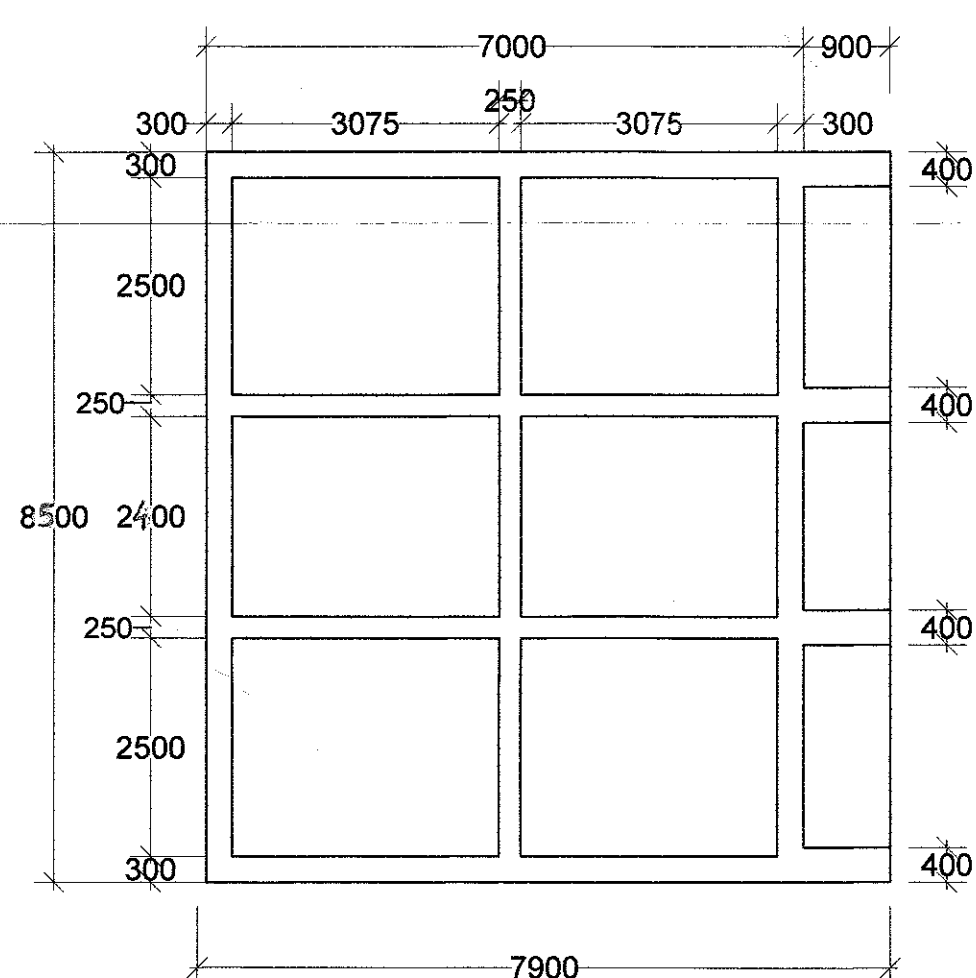
SECTIONAL ELEVATION  
OF ABUTMENT A1



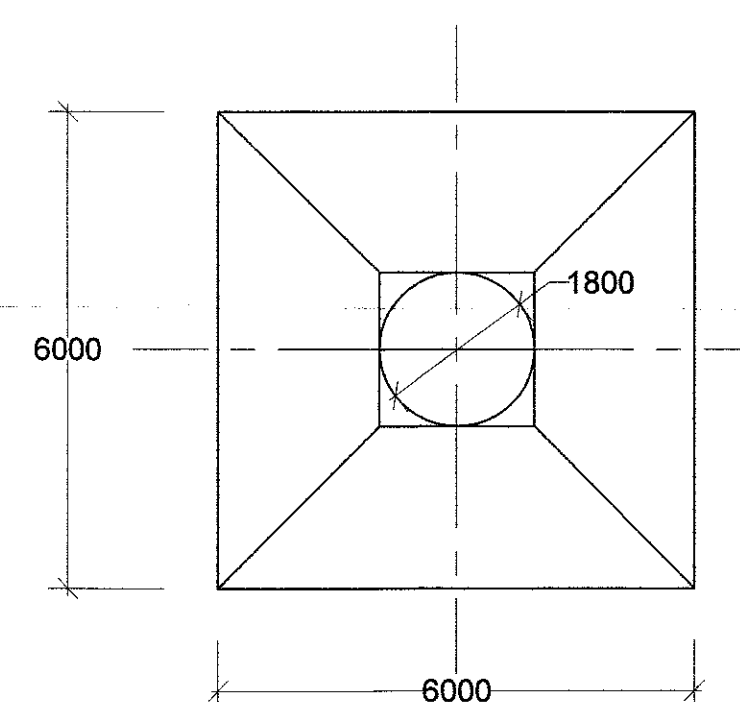
CROSS SECTION OF PIER



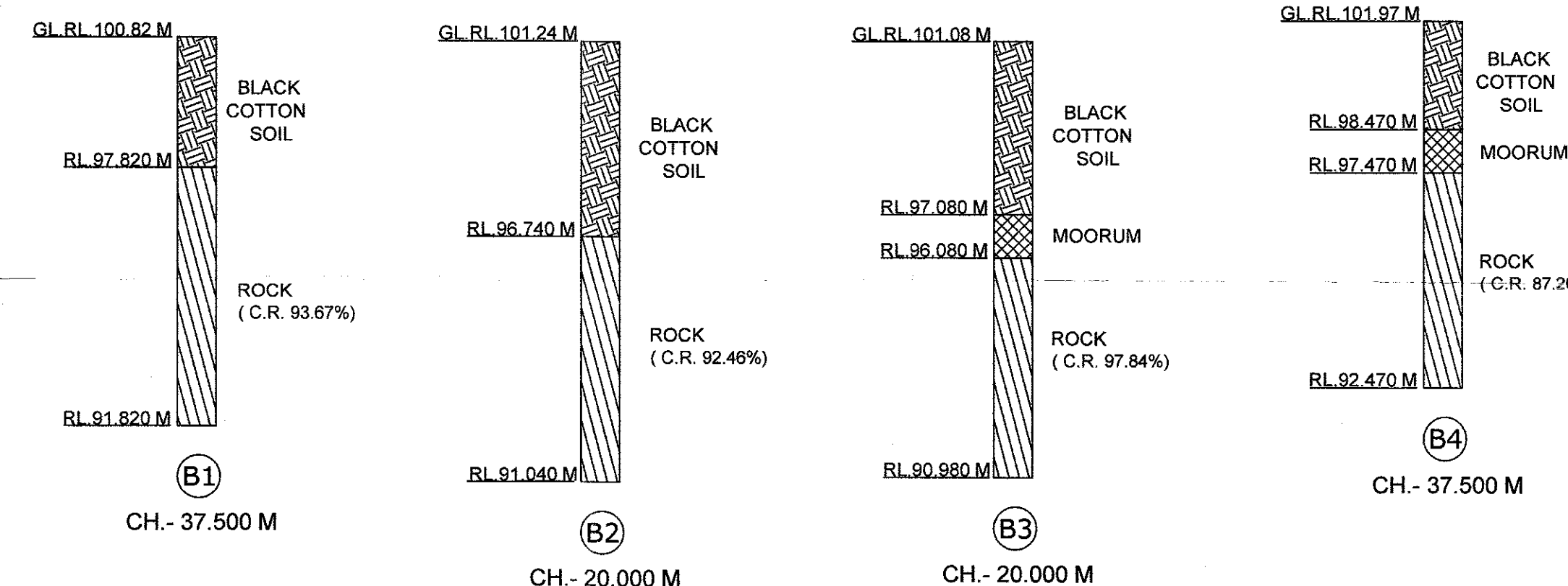
BORE DETAILS



PLAN OF ABUTMENT



PLAN OF PIER



CERTIFICATE

This is to Certified that Boring results shown as above  
are correct & verified by us personally.

SUB ENGINEER SUB DIVISIONAL OFFICER EXECUTIVE ENGINEER

# NOTES.

1. TYPE OF BRIDGE - HIGH LEVEL
2. LENGTH OF BRIDGE - 75.00M (5 SPANS OF 15.00 M EACH)
3. OVER ALL WIDTH - 8.50 M
4. CARRIAGE WAY - 7.50 M
5. FORMATION LEVEL - RL. 104.875 M
6. SOFIT LEVEL - RL. 103.900 M
7. H.F.L. - RL. 102.400 M
8. L.W.L. - RL. 99.650 M
9. L. B. L. - RL. 98.000 M
10. DESIGN DISCHARGE - 529.15 Cumecs
11. DESIGN VELOCITY - 1.24 M/Sec.
12. CATCHMENT AREA - 68.25 Sqkm
13. TYPE OF FOUNDATION - OPEN FOUNDATION
14. TYPE OF SUB STRUCTURE - PIER - R.C.C. SOLID CIRCULAR ,  
ABUTMENT - R.C.C. BOX TYPE
15. TYPE OF SUPERSTRUCTURE - R.C.C. SOLID SLAB
16. FOUNDATION LEVEL - ABUTMENT A1-RL.95.320 & A2 - RL. 94.970 M  
PIER P1-RL.94.240, P2-RL.91.500, P3-RL.91.500 &  
P4 - RL.93.580 M.
17. TYPE OF BEARING - ELASTOMERIC
18. NORMAL SCOUR LEVEL - AT ABUTMENT, RL. 96.480 M & AT PIER RL. 93.080 M or ROCK LEVEL  
WHICHEVER IS HIGH
19. SAFE BEARING CAPACITY - 60 T/Sqm.
20. WEARING COAT - R.C.C. , AS PER MORT&H STD. DRAWING
21. R.C.C. CRASH BARRIER - R.C.C. AS PER MORT&H STANDARD DRAWING
22. DRAINAGE SPOUTS & NAME PLATE - AS PER MORT&H STD. DRAWING
23. EXPANSION JOINT - STRIP SEAL
24. APPROACH SLAB - R.C.C. APPROACH SLAB AS PER APPROVED  
DRAWINGS.
25. ALL DIMENSIONS ARE IN MM OTHERWISE SPECIFIED.
26. THIS DRAWING IS ONLY FOR ESTIMATE PURPOSE.
27. DESIGN LOADING :- ONE LANE OF IRC CLASS 70R OR TWO LANE OF IRC CLASS A AS SPECIFIED  
IN IRC: 6- 2017 WHICHEVER PRODUCES MOST SEVERE EFFECT(S).

REV.	CHIEF ENGINEER
	SUPERINTENDING ENGINEER
	EXECUTIVE ENGINEER
S.D.O.	OFFICE OF THE CHIEF ENGINEER P.W.D. BRIDGE ZONE RAIPUR (C.G.)
SUB ENGINEER	CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS LOR NALA ON DHAUR - MALPURIKHURD ROAD.
SCALE - N.T.S.	GENERAL ARRANGEMENT DRAWING
	DRG. NO.-LOR NALA/G.A.D./....