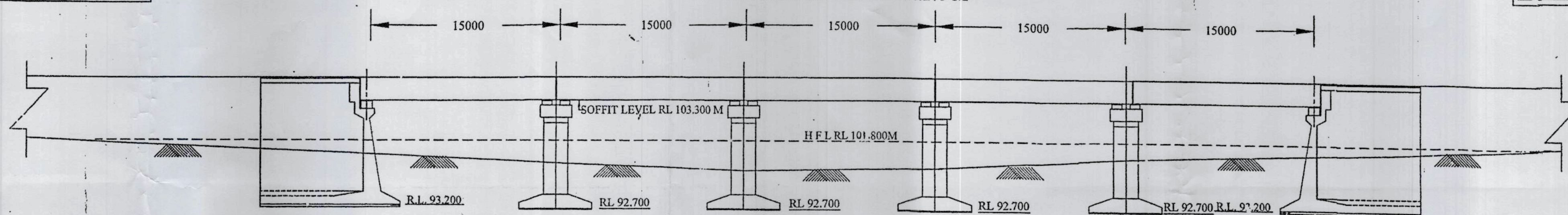


KARETHI SIDE

LENGTH OF BRIDGE 75.0 M (5 SPANS OF 15.00 M EACH)

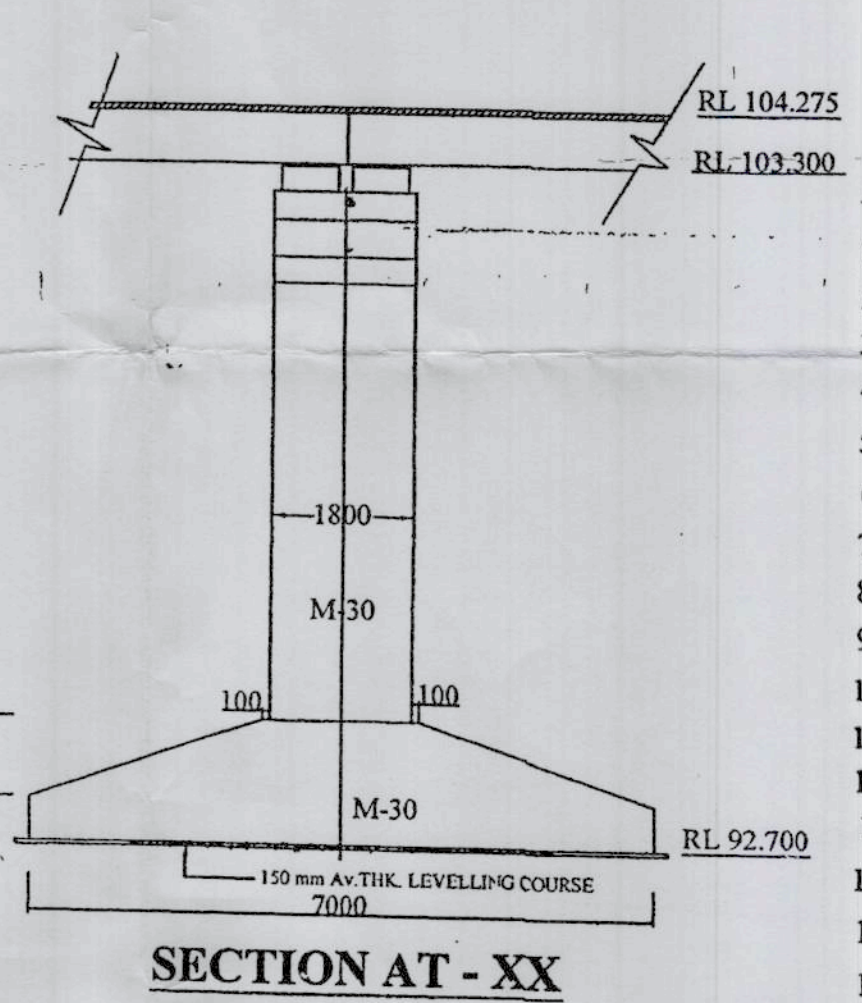
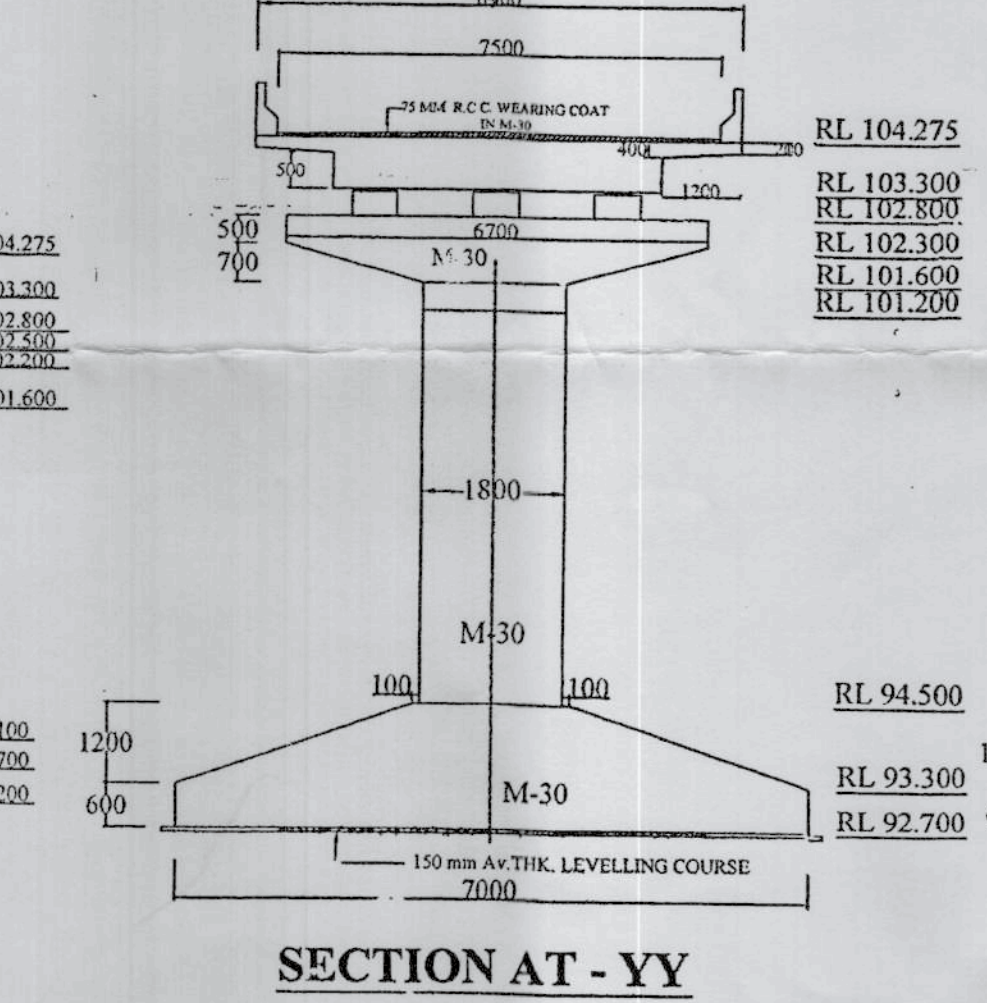
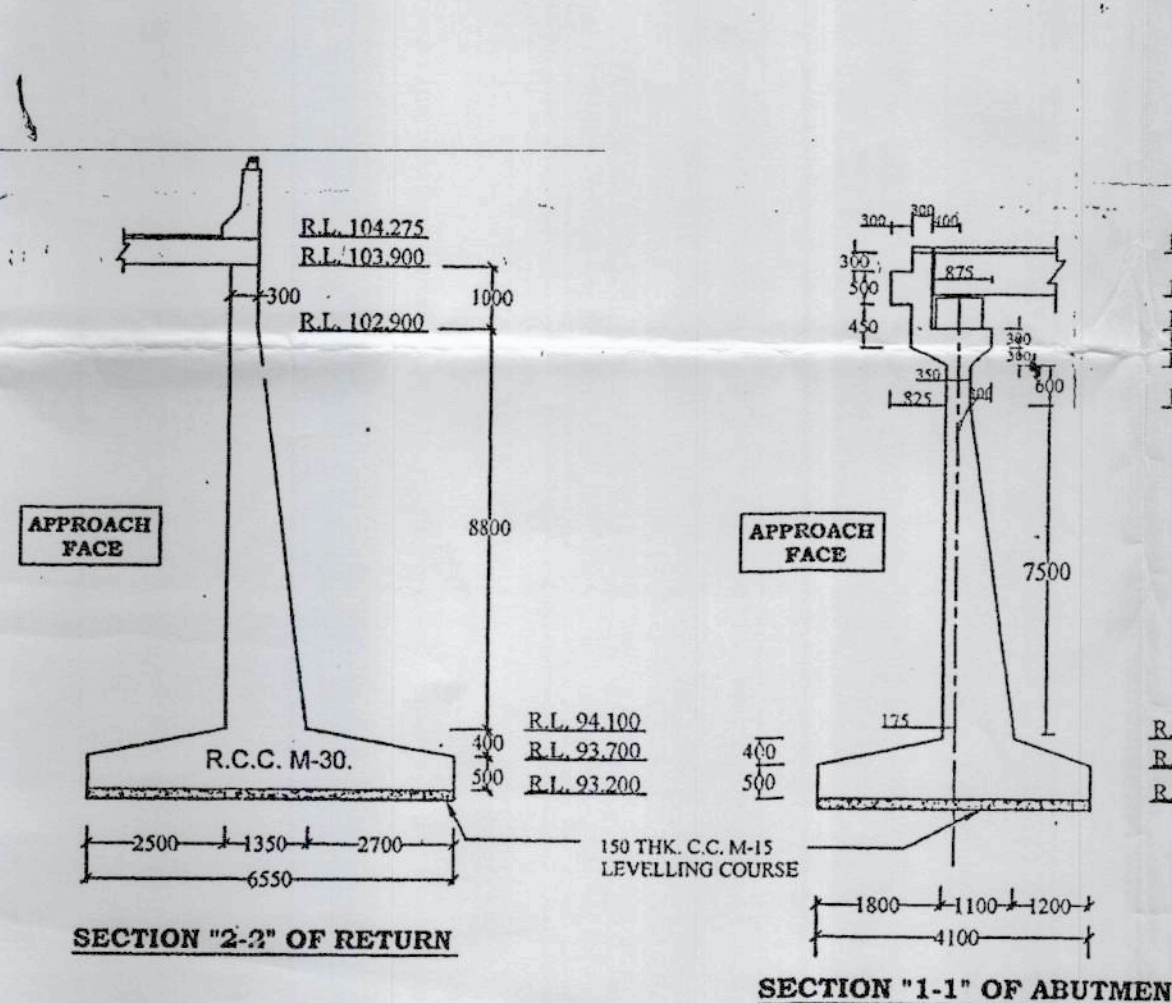
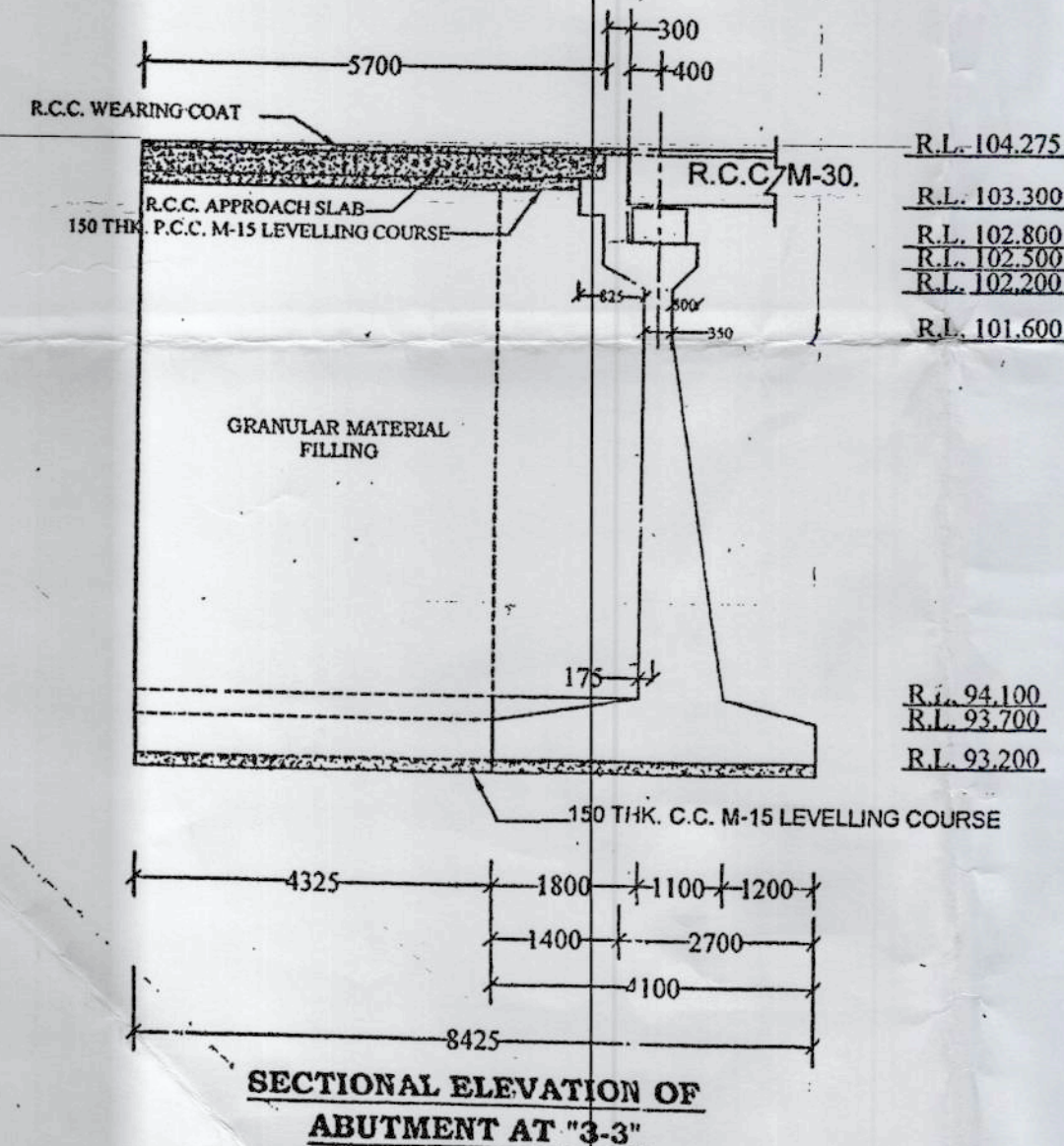
BHATGUNA SIDE

FORMATION LEVEL RL 104.275 M

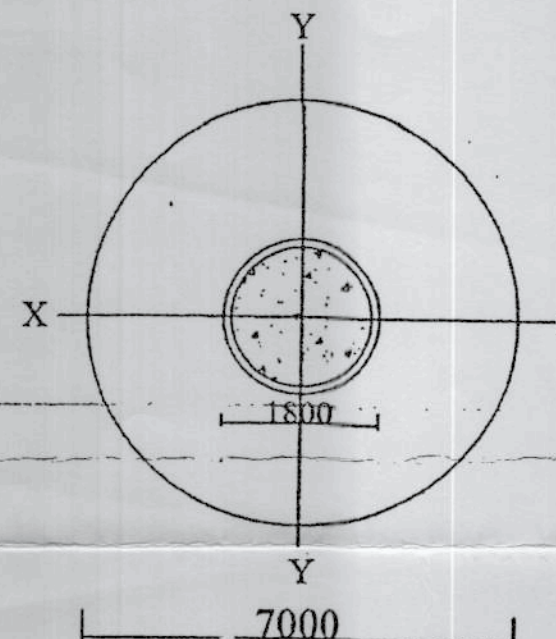
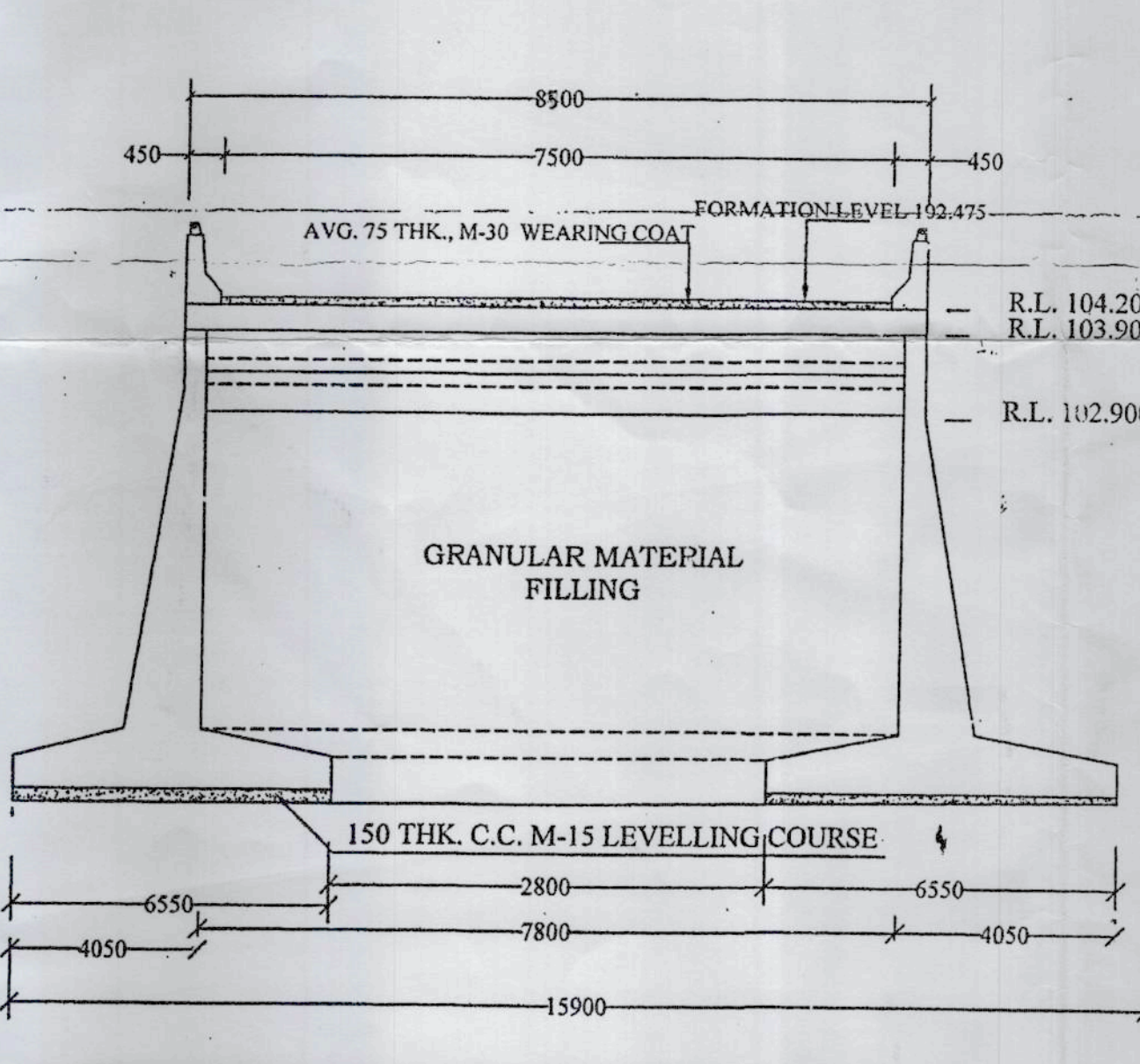
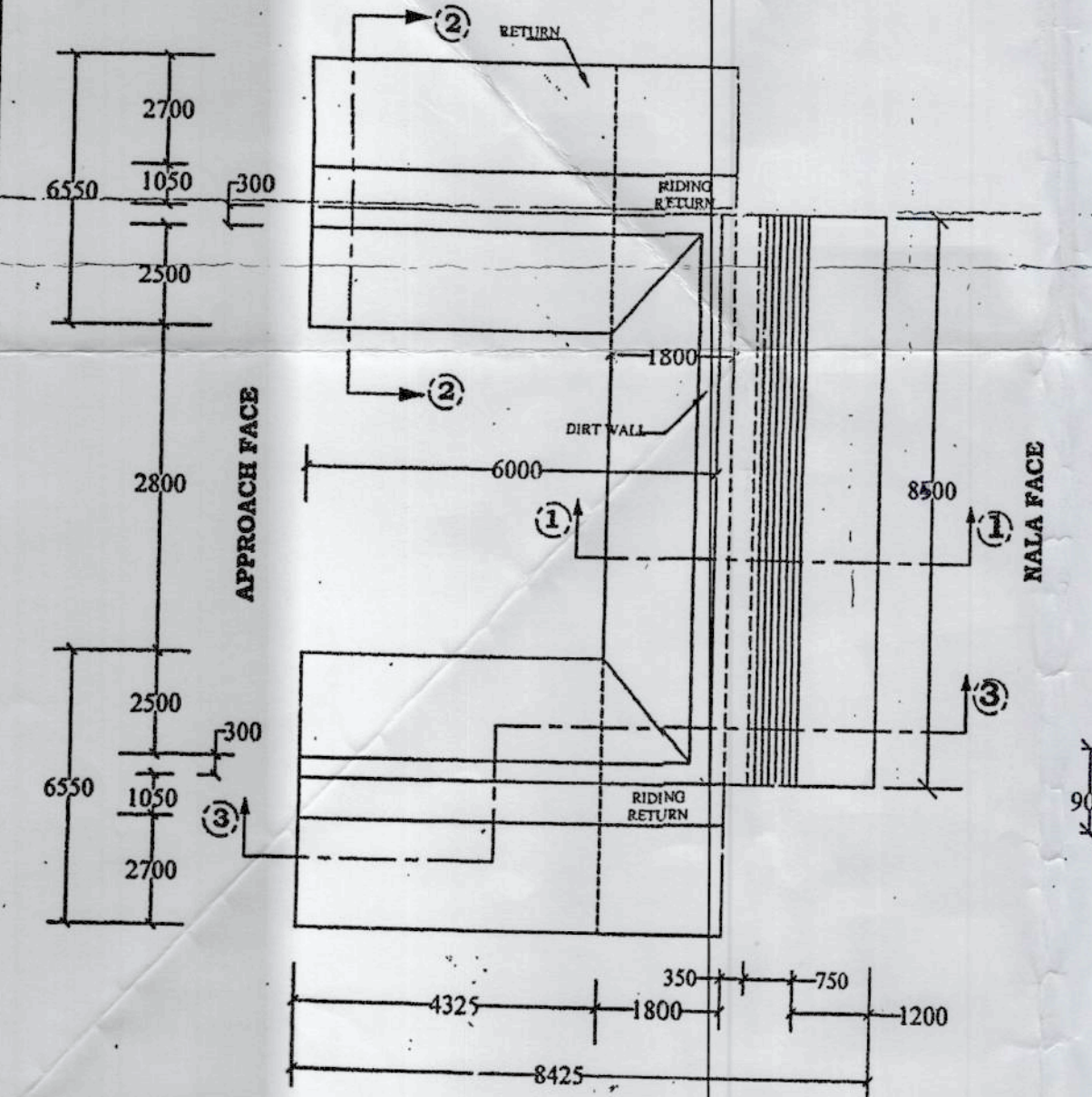


DATUM RL 75.000 M

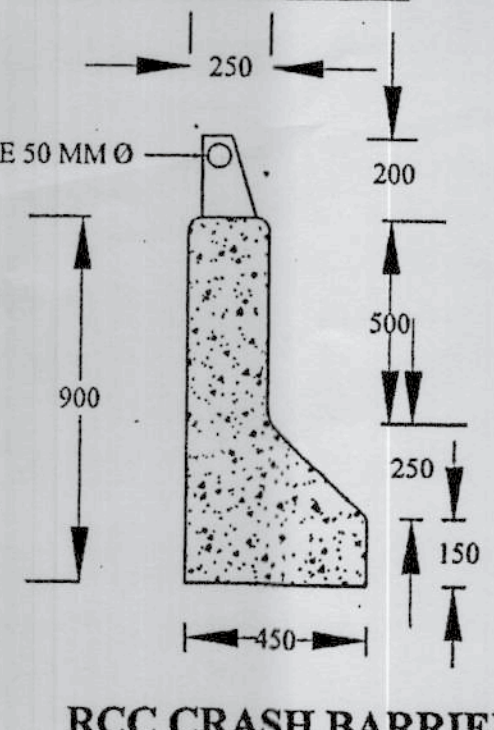
		B1	B2	B3	B4			
GROUND LEVELS	-150.00 -101.950	-180.00 -100.030	-195.00 -98.820	-210.00 -97.860	-225.00 -98.300	-240.00 -99.620	-255.00 -100.390	-285.00 -101.778
CHAINAGE								



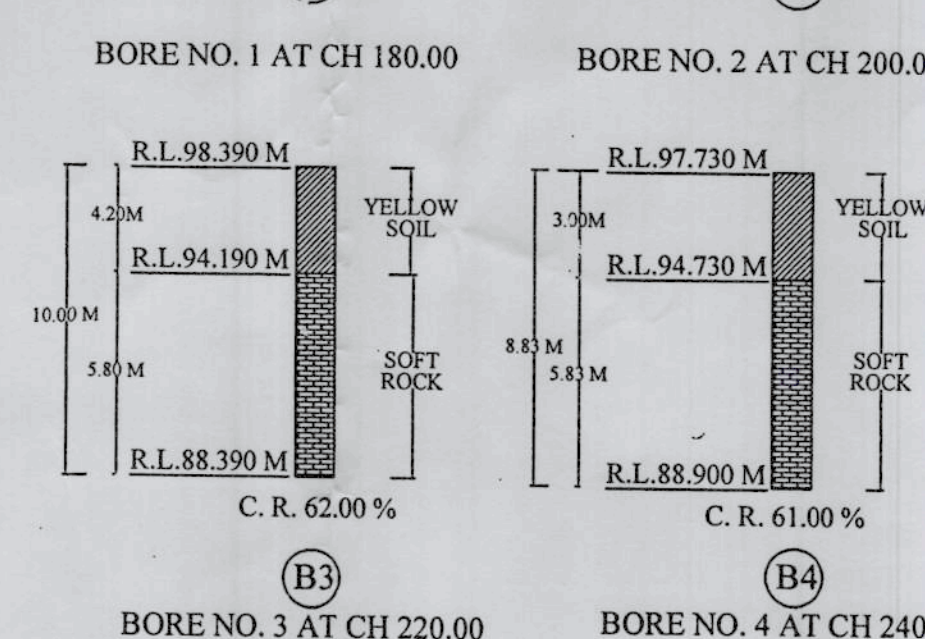
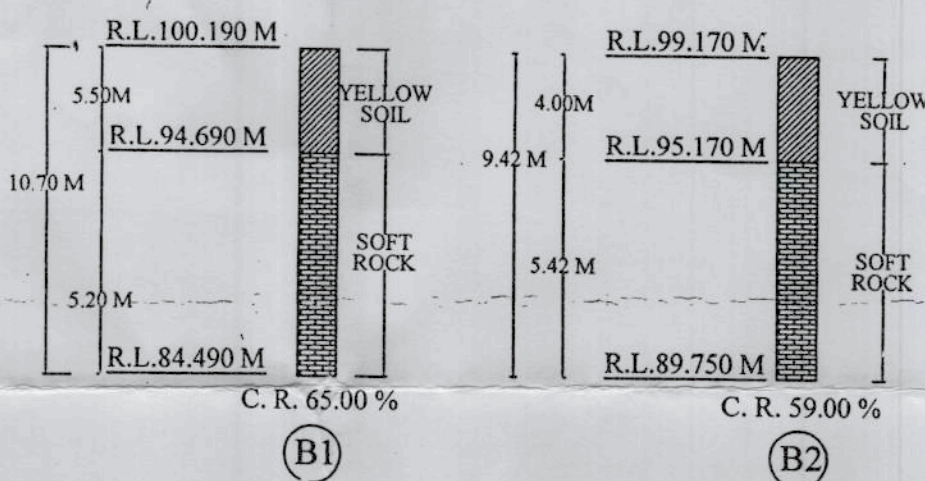
- A. NOTES.**
1. TYPE OF BRIDGE - HIGH LEVEL
  2. LENGTH OF BRIDGE - 75.00 M (5 SPANS OF 15.00 M EACH) ✓
  3. OVER ALL WIDTH - 8.50 M ✓
  4. CLEAR CARRIAGE WAY - 7.50 M ✓
  5. FORMATION LEVEL - RL 104.275 ✓
  6. SOFFIT LEVEL - RL 103.300 ✓
  7. H.F.L. - RL 101.800 ✓
  8. L.W.L. - RL 97.860 ✓
  9. L.B.L. - RL 97.860 ✓
  10. CATCHMENT AREA - 35.51 SQKM
  11. DESIGN DISCHARGE - 384.78 CUMecs ✓
  12. DESIGN VELOCITY - 1.46 M/SEC. ✓
  13. SCOUR LEVEL - PIERS - RL 94.820, ABT. - RL 97.368
  14. SAFE BEARING CAPACITY - 25 T/SQM ✓
  15. TYPE OF FOUNDATION - OPEN
  16. TYPE OF SUB-STRUCTURE - ABUTMENT - RCC WALL WITH RETURN PIER - R.C.C. SOLID CIRCULAR ✓
  17. TYPE OF SUPER-STRUCTURE - R.C.C. SOLID SLAB ✓
  18. FOUNDATION LEVEL - A1 & A2 - RL 93.200, P1 TO P4 - RL 92.700
  19. TYPE OF BEARING - ELASTOMERIC ✓
  20. WEARING COAT - R.C.C. AS PER MORTH STD DRG. ✓
  21. RAILING - R.C.C. CRASH BARRIER ✓
  22. EXPANSION JOINT - STRIP SEAL TYPE ✓
  23. DESIGN LOADING - ONE LANE OF IRC CLASS 70-R LOADING OR TWO LANE OF CLASS A LOADING WHICH EVER PRODUCE SEVERE EFFECT.
  24. ALL DIMENSIONS ARE IN MM AND RL'S ARE IN METRE UNLESS OTHERWISE SPECIFIED.



PLAN OF PIER



RCC CRASH BARRIER



THIS IS TO CERTIFY THAT BORE RESULTS SHOWN IN BORE LOGS ARE AS PER ACTUAL EXPLORATORY BORE DONE.

CHIEF ENGINEER	<i>[Signature]</i>
SUPERINTENDING ENGINEER	<i>[Signature]</i>
EXECUTIVE ENGINEER	<i>[Signature]</i>
OFFICE OF THE CHIEF ENGINEER P.W.D. BRIDGE ZONE RAIPUR (C.G.)	
CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS NALA ON KARETHI - BHATGUNA ROAD	
GENERAL ARRANGEMENT DRAWING	
SCALE - N.T.S.	
DRG. NO. NALLA/KARETHI BHATGUNA/GAD/01	