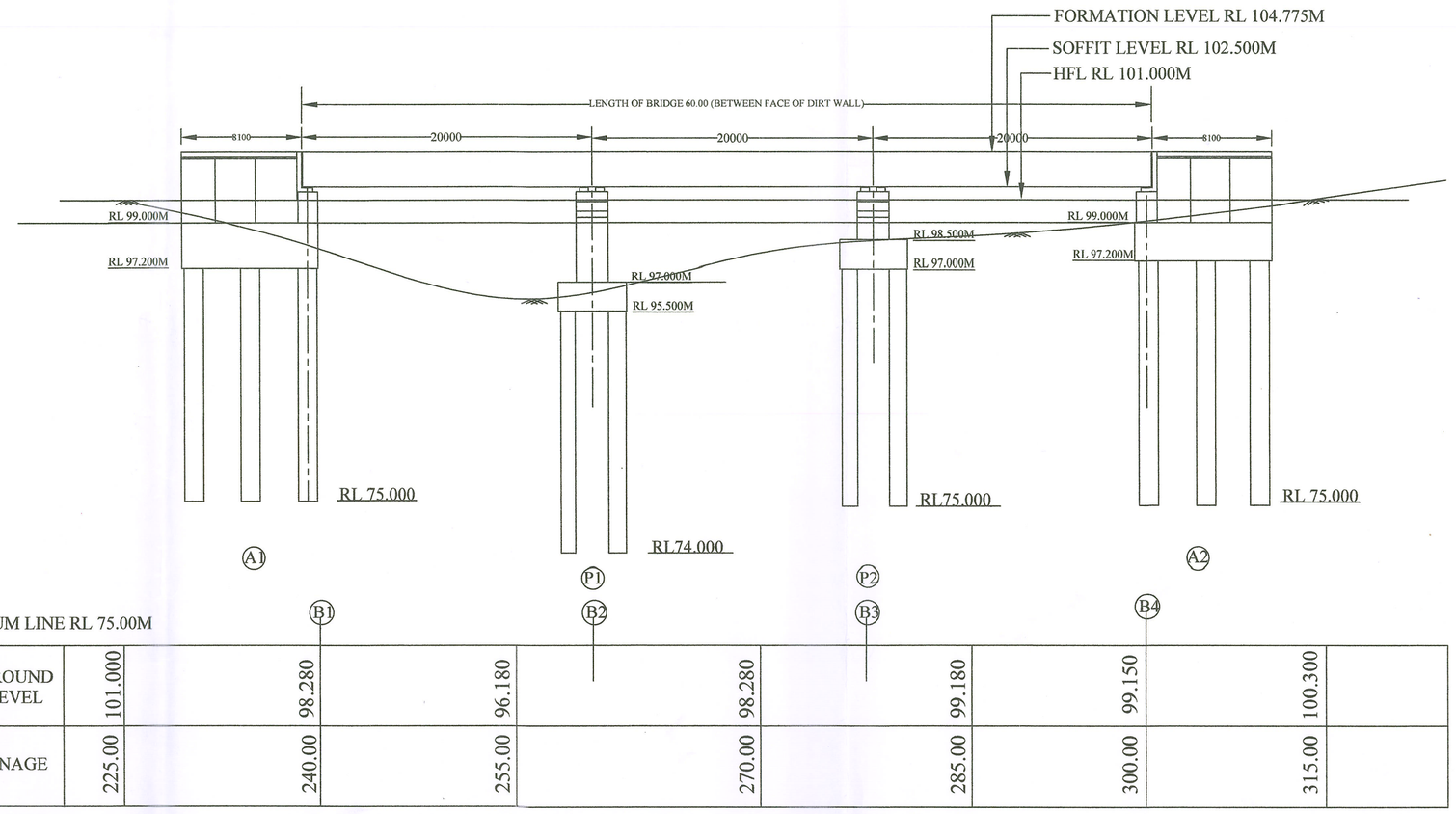
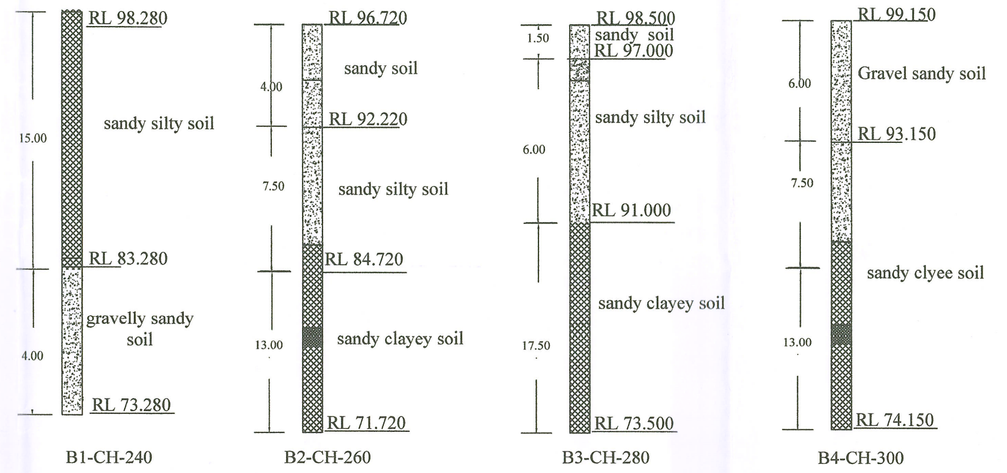


DATUM LINE RL 75.00M

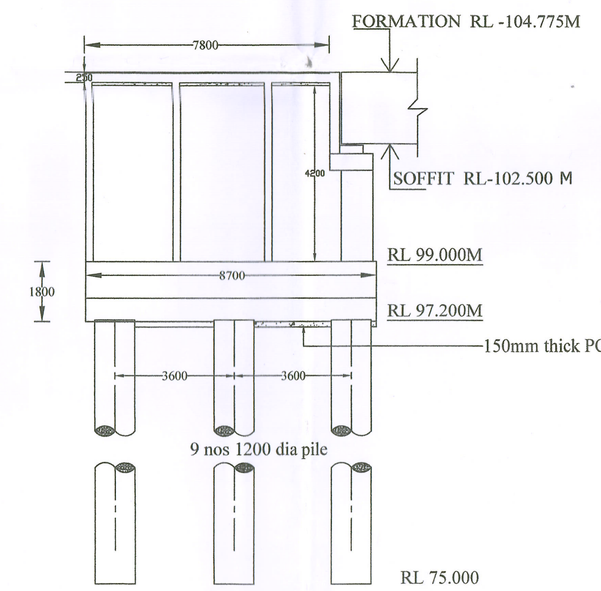
		B1		B2		B3		B4	
GROUND LEVEL	101.000	98.280	96.180	98.280	99.180	99.150	100.300		
CHAINAGE	225.00	240.00	255.00	270.00	285.00	300.00	315.00		



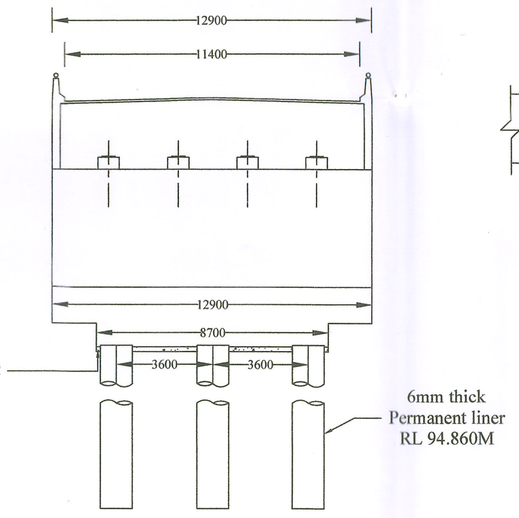
CERTIFICATE

Certified that the above boring details shown are correct.

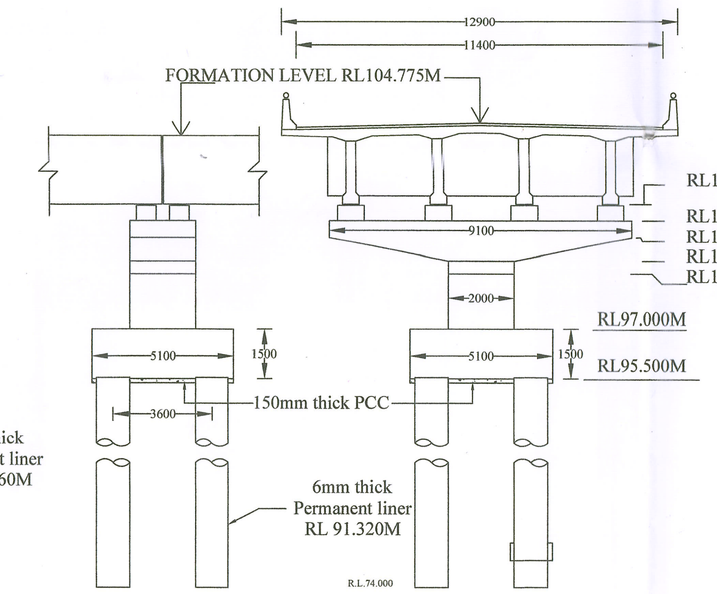
S.E. S.D.O. E.E.



ELEVATION OF ABUTMENT ALONG CURRENT DIRECTION

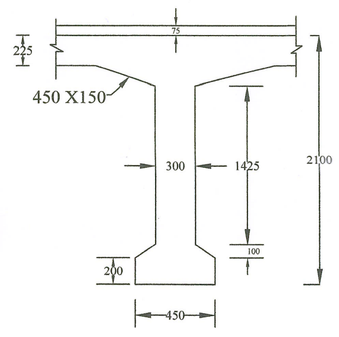


ELEVATION OF ABUTMENT ALONG TRAFFIC DIRECTION

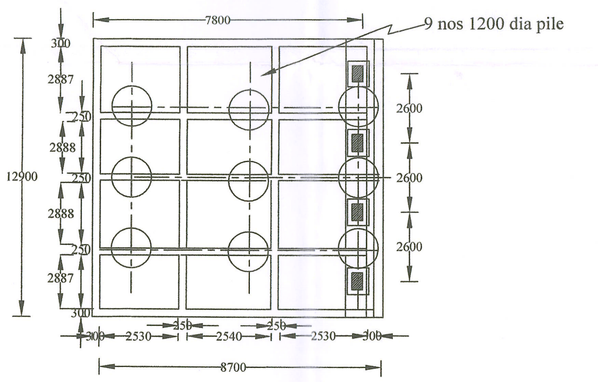


ELEVATION OF PIER ALONG CURRENT DIRECTION

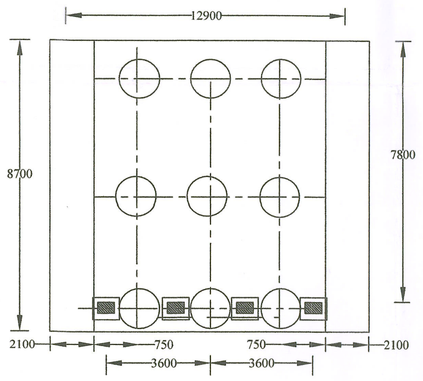
ELEVATION OF PIER ALONG TRAFFIC DIRECTION



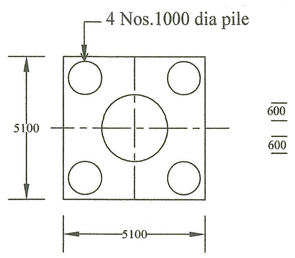
SECTION OF T-BEAM GIRDER



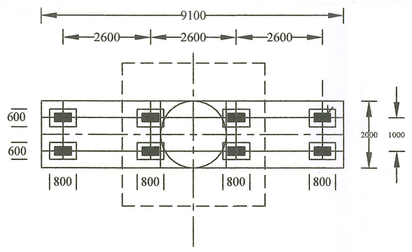
PLAN OF ABUTMENT



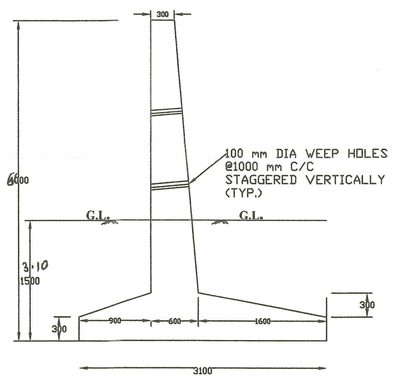
PLAN OF ABUTMENT



PLAN OF PILE CAP



PLAN OF PIER CAP



TYPICAL SECTION OF RETAINING WALL

NOTE S

1. TYPE OF BRIDGE - HIGH LEVEL BRIDGE
2. LENTH OF BRIDGE - 60.00 M (BETWEEN FACE OF DIRT WALL)
3. OVER ALL WIDTH OF BRIDGE - 12.90M.
4. CARRAGE WAY WIDTH OF BRIDGE - 11.40M
5. FORMATION LEVEL - RL 104.775 m
6. SOFFIT LEVEL - RL 102.500 m
7. H.F.L. - RL 101.000 m
8. L.W.L. - RL 96.180 m
9. L.B.L. - RL 97.800 m
10. CATCHMENT AREA - 45.484 SQKM
11. DESIGN DISCHRGE - 461.28 CUMEC
12. DESIGN VELOCITY - 2.102 M /sec
13. SCOUR LEVEL AT PIER - RL 91.32 m
14. SCOUR LEVEL AT ABUT. - RL 94.86 m
15. FOUNDATION LEVEL - PIER P1 -RL74.00M & P2 RL-75.00 M A1& A2 RL-75.00 M
16. TYPE OF FOUNDATION - PILE FOUNDATION (FRICTION PILE)
17. TYPE OF SUB STRUCTURE - R.C.C.SOLID CIRCULAR
18. TYPE OF SUPER STRUCTURE - R.C.C. T BEAM SLAB
19. TYPE OF RAILING - R.C.C. CRASH BARRIER (AS per MORT & H)
20. TYPE OF BEARING - Neoprene Estomeric Bearing.
21. TYPE OF APPROACH SLAB - R.C.C. M30 GRADE (As per Approval Drg.)
22. TYPE OF WEARING COAT -C.C. WEARING COAT (As per MORT&H and specifications.)
23. TYPE OF EXPANSION JOINT - STRIP SEAL EXPANSION JOINTS
24. TYPE OF NAME PLATE - GRANITE PLATE
25. DESIGN LOADING - ~~ONE LANE OF CLASS 70R+ ONE LANE OF CLASS A OR THREE LANE OF CLASS " A " LOADING AS PER IRC 6:2017 WHICHEVER PRODUCE SEVER EFFECT.~~ one lanes of class 70R for every Two lanes with one lanes of class "A" for the Remaining lanes
26. SAFE BEARING CAPACITY - 30 T/ Sqm

S.D.O.	E.E.	S.E.	C.E.

OFFICE OF THE CHIEF ENGINEER
PWD BRIDGE CONSTRUCTION ZONE RAIPUR C.G.

PROJECT :-	CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS PASANGI NALLA IN KM 59/8 ON BHANUPRATAPPUR - PAKHANJOOR-BANDE PV109 ROAD.
DRAWN BY	GENERAL ARRANGEMENT DRAWING
	DRAWING No / DATE: