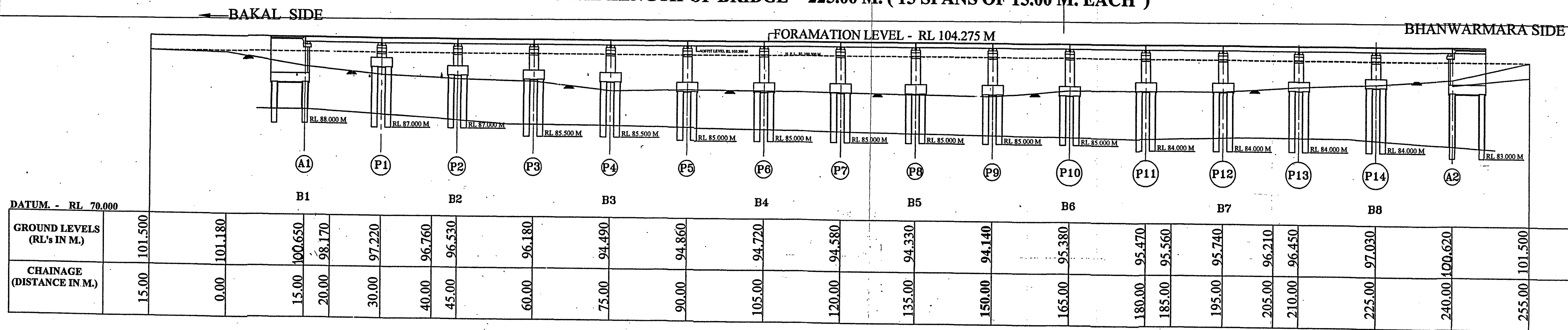


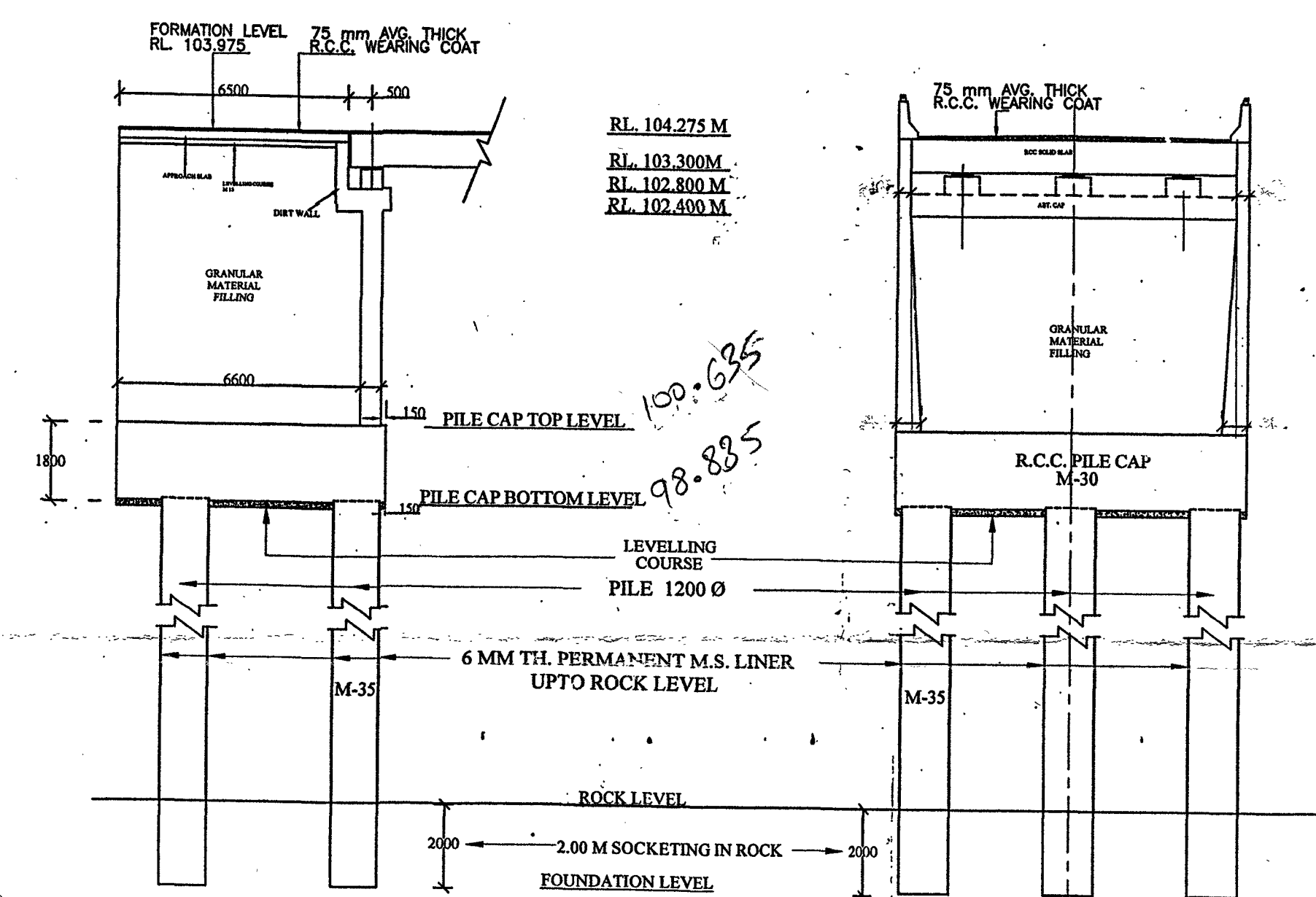
# TOTAL LENGTH OF BRIDGE - 225.00 M. ( 15 SPANS OF 15.00 M. EACH )



## L - SECTION

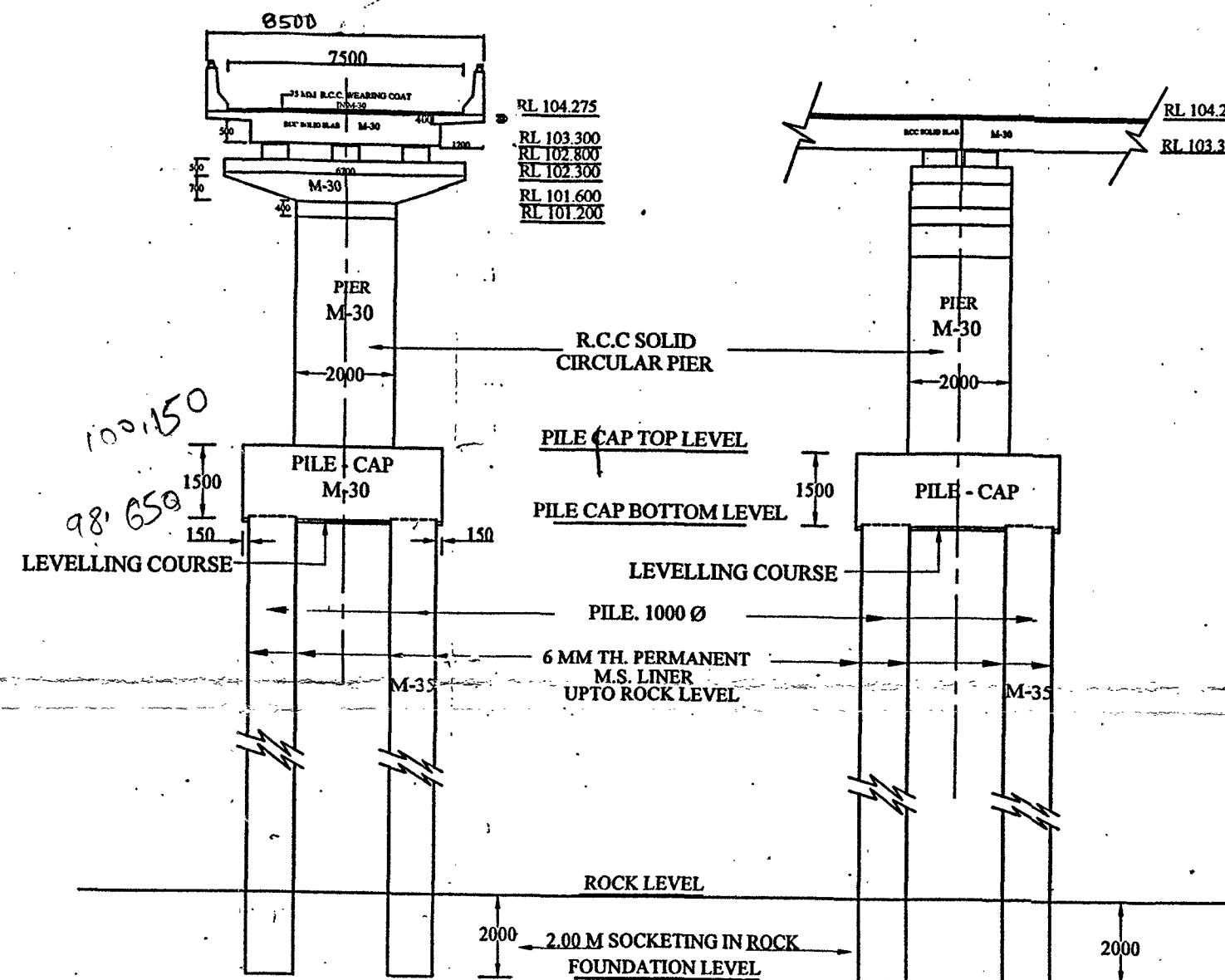
## A. NOTES.

- TYPE OF BRIDGE - HIGH LEVEL
- LENGTH OF BRIDGE - 225.00 M (15 SPANS OF 15.00 M EACH)
- OVER ALL WIDTH - 8.50 M
- CLEAR CARRIAGE WAY - 7.50 M
- FORMATION LEVEL - RL 104.275
- SOFFIT LEVEL - RL 103.300
- H.F.L. - RL 101.500
- L.W.L. - RL 98.650
- L.B.L. - RL 94.140
- CATCHMENT AREA - 2224.82 SQKM
- DESIGN DISCHARGE - 4535.23 CUMEC/S
- DESIGN VELOCITY - 3.38 M/SEC.
- SCOUR LEVEL - PIERS - RL 87.980, ABT. - RL 92.910
- SAFE BEARING CAPACITY - 60 T/ SQM.
- TYPE OF FOUNDATION - PILE
- TYPE OF SUB - STRUCTURE - ABUTMENT - RCC BOX TYPE  
PIER - R.C.C. SOLID CIRCULAR
- TYPE OF SUPER-STRUCTURE - R.C.C. SOLID SLAB
- FOUNDATION LEVEL - A1 - RL 88.000, A2 - RL 83.000  
P1 & P2 - RL 87.000  
P3 & P4 - RL 85.500  
P5 TO P10 - RL 85.000  
P11 TO P14 - RL 84.000
- TYPE OF BEARING - ELASTOMERIC
- WEARING COAT - R.C.C. AS PER MORTH STD DRG.
- RAILING - RCC CRASH BARRIER
- EXPANSION JOINT - STRIP SEAL TYPE
- DESIGN LOADING - ONE LANE OF IRC CLASS 70-R LOADING OR TWO LANE OF CLASS A LOADING WHICH EVER PRODUCE SEVERE EFFECT.
- ALL DIMENSIONS ARE IN MM AND RL'S ARE IN METRE UNLESS OTHERWISE SPECIFIED.



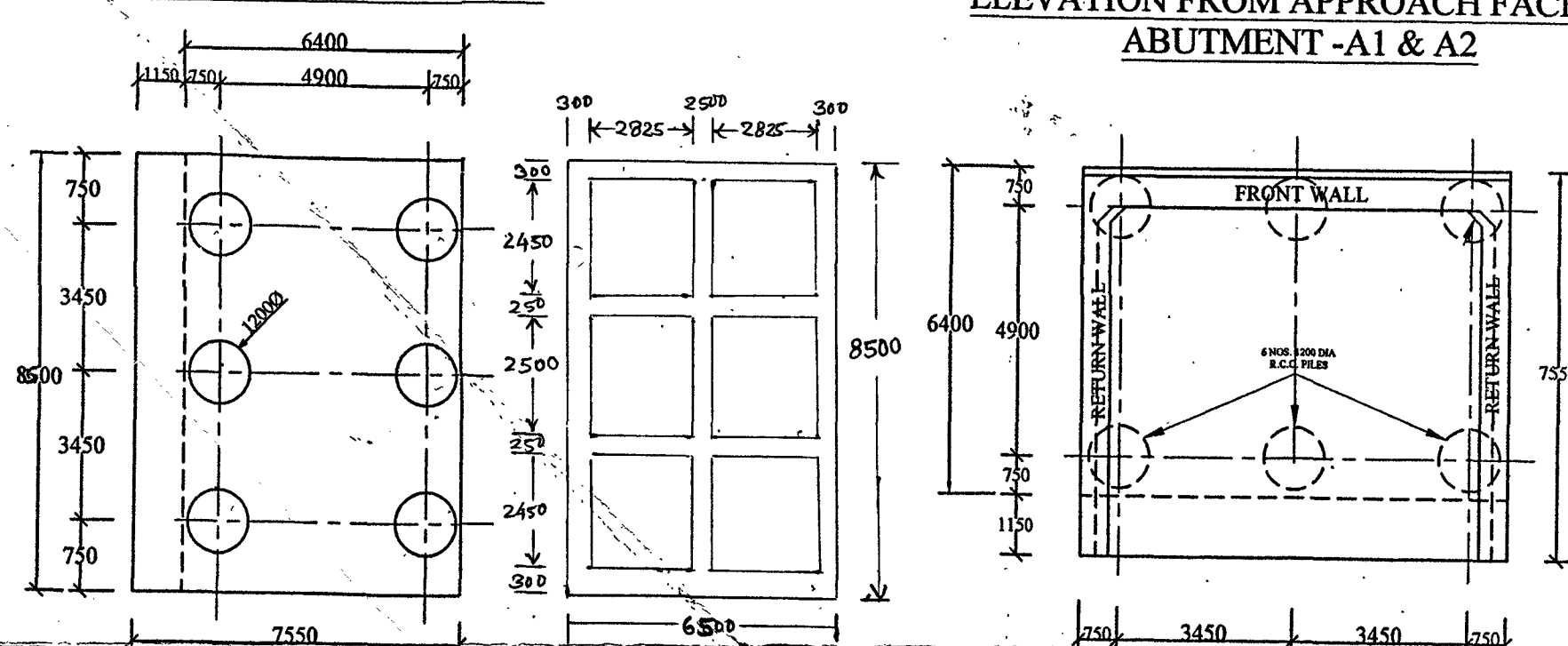
SECTIONAL ELEVATION OF ABUTMENT - A1 & A2

ELEVATION FROM APPROACH FACE OF ABUTMENT - A1 & A2



CROSS SECTION OF PIER IN TRAFFIC DIRECTION

CROSS SECTION OF PIER IN CURRENT DIRECTION

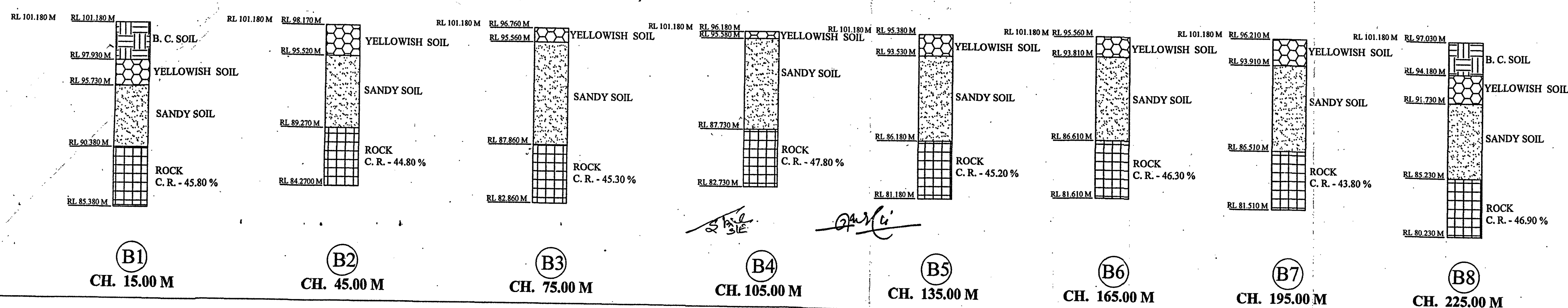


PLAN OF PILE & PILE CAP OF ABUTMENT

PLAN OF PILE, PILE CAP & WALL OF ABUTMENT

PLAN OF PIER PILE AND PIER CAP IN TRAFFIC DIRECTION

PLAN OF PIER PILE AND PIER CAP IN CURRENT DIRECTION



	CHIEF ENGINEER
REV.	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 SHIVNATH RIVER ON BAKAL - BHANWARMARA ROAD
SCALE - N.T.S.	GENERAL ARRANGEMENT DRAWING
	DRG. NO. - BAKAL/ SHIVNATH / GAD / 01