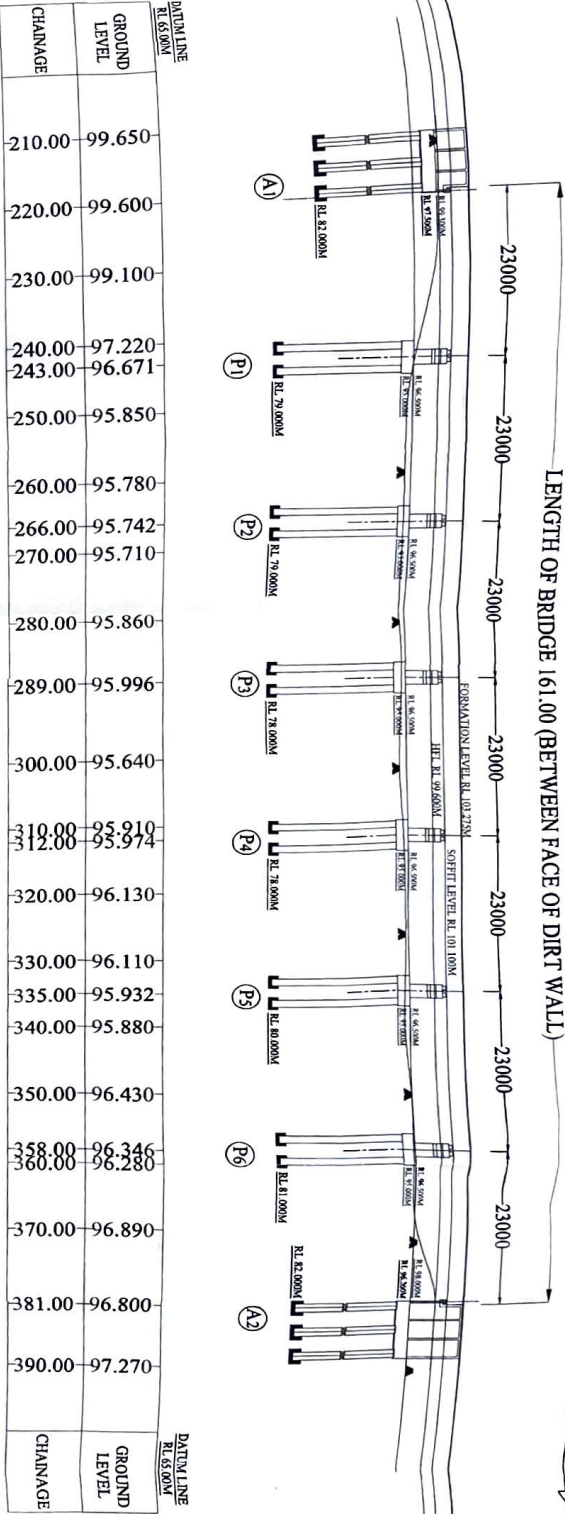


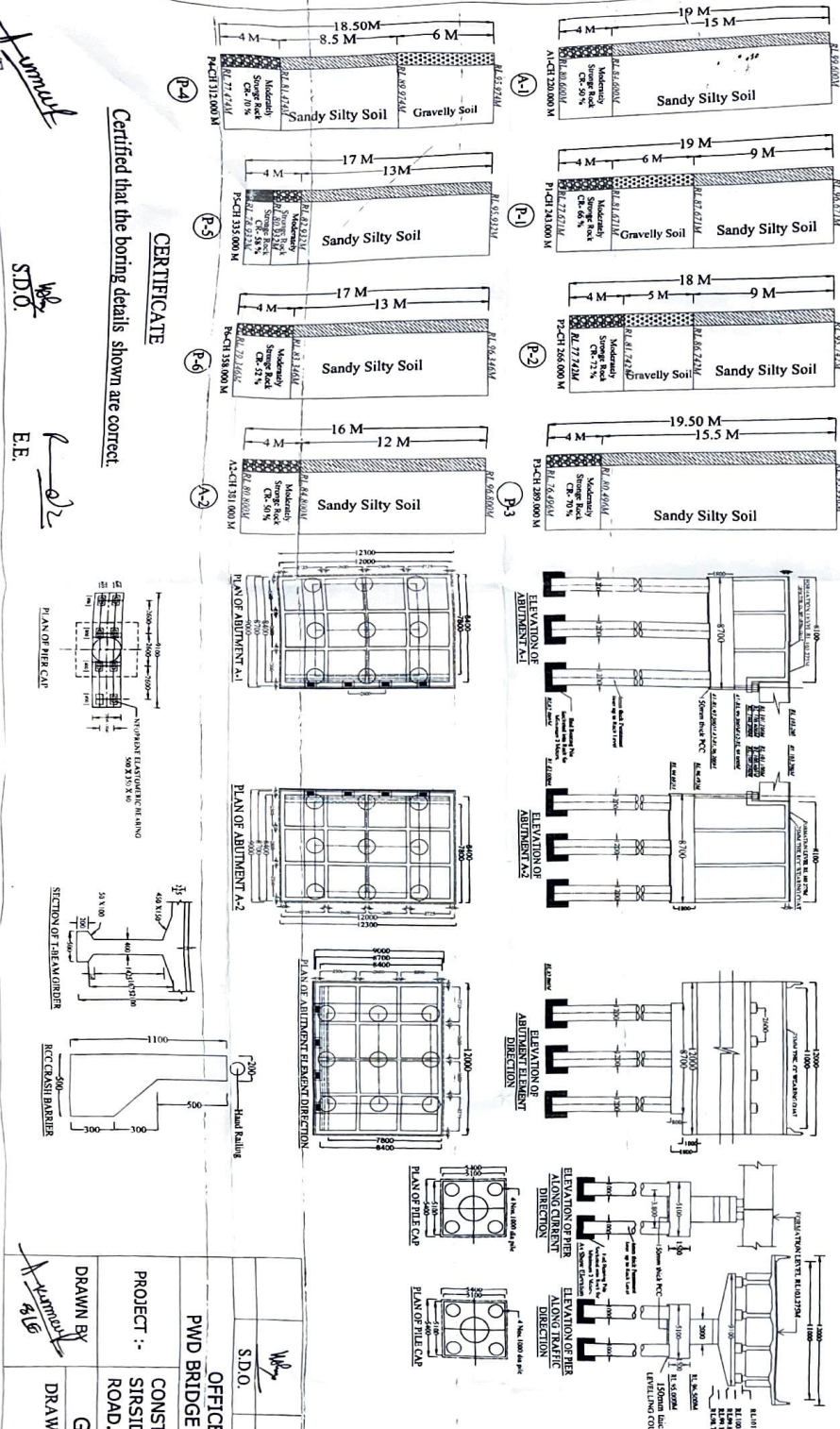
CHARHATA SIDE

LENGTH OF BRIDGE 161.00 (BETWEEN FACE OF DIRT WALL)

MARKATOLA SIDE



NOTES		
1	TYPE OF BRIDGE	HIGH LEVEL BRIDGE
2	LENGTH OF BRIDGE	161.00 M (BETWEEN FACE OF DIRT WALL)
3	OVER ALL WIDTH OF BRIDGE	12.00 M
4	CARRIAGE WAY WIDTH OF BRIDGE	11.00 M
5	FOUNDATION LEVEL	103.275 M
6	SCOUR LEVEL	101.100 M
7	N.F.L.	99.600 M
8	L.W.L.	95.640 M
9	CATCHMENT AREA	95.640 M
10	DESIGN DISCHARGE	129.884 Cumec
11	DESIGN VELOCITY	109.488 Cumec
12	SCOUR LEVEL AT PIER	2.224 M/S
13	SCOUR LEVEL AT ABUT.	103.600 M
14	FOUNDATION LEVEL	101.100 M
15	TYPE OF SUB STRUCTURE	PILE FOUNDATION
16	TYPE OF SUPER STRUCTURE	R.C.C. SOLID CIRCULAR
17	TYPE OF RAILING	R.C.C. T-BEAM SLAB
18	TYPE OF BEARING	R.C.C. CRUSH BARBER (AS PER MOHT 1.1)
19	TYPE OF WEARING COAT	NEOPRENE ELASTOMERIC BEARING
20	TYPE OF WEARING COAT	R.C.C. H&O GRADE (As per Approved Dwg)
21	TYPE OF WEARING COAT	CC WEARING COAT (As per MOHT 1.1 and specifications)
22	TYPE OF WEARING COAT	STRIP SEAL EXPANSION JOINTS
23	TYPE OF WEARING COAT	GRANITE PLATE
24	TYPE OF WEARING COAT	DESIGN LOADING
25	TYPE OF WEARING COAT	ONE LANE OF CLASS 70R+ONE LANE OF CLASS A OR THREE LANE OF CLASS A - LOADING AS PER IRC 6:2012 WHICHEVER PRODUCE SEVERE EFFECT.
26	SAFE BEARING CAPACITY	55 T/ Sqm



GENERAL ARRANGEMENT DRAWING			
DRAWN BY	PROJECT :-	OFFICE OF THE EXECUTIVE ENGINEER	PWD BRIDGE CONSTRUCTION DIVISION KANKER (C.G.)
DATE:	CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS	SIRSIDA NALLA IN KM-5/4 ON CHARHATA-MARKATOLA	
DRAWING No	GENERAL ARRANGEMENT DRAWING		

CERTIFICATE

Certified that the boring details shown are correct.

S.D.O. *[Signature]*

E.E. *[Signature]*



250 M U/S

250 M D/S

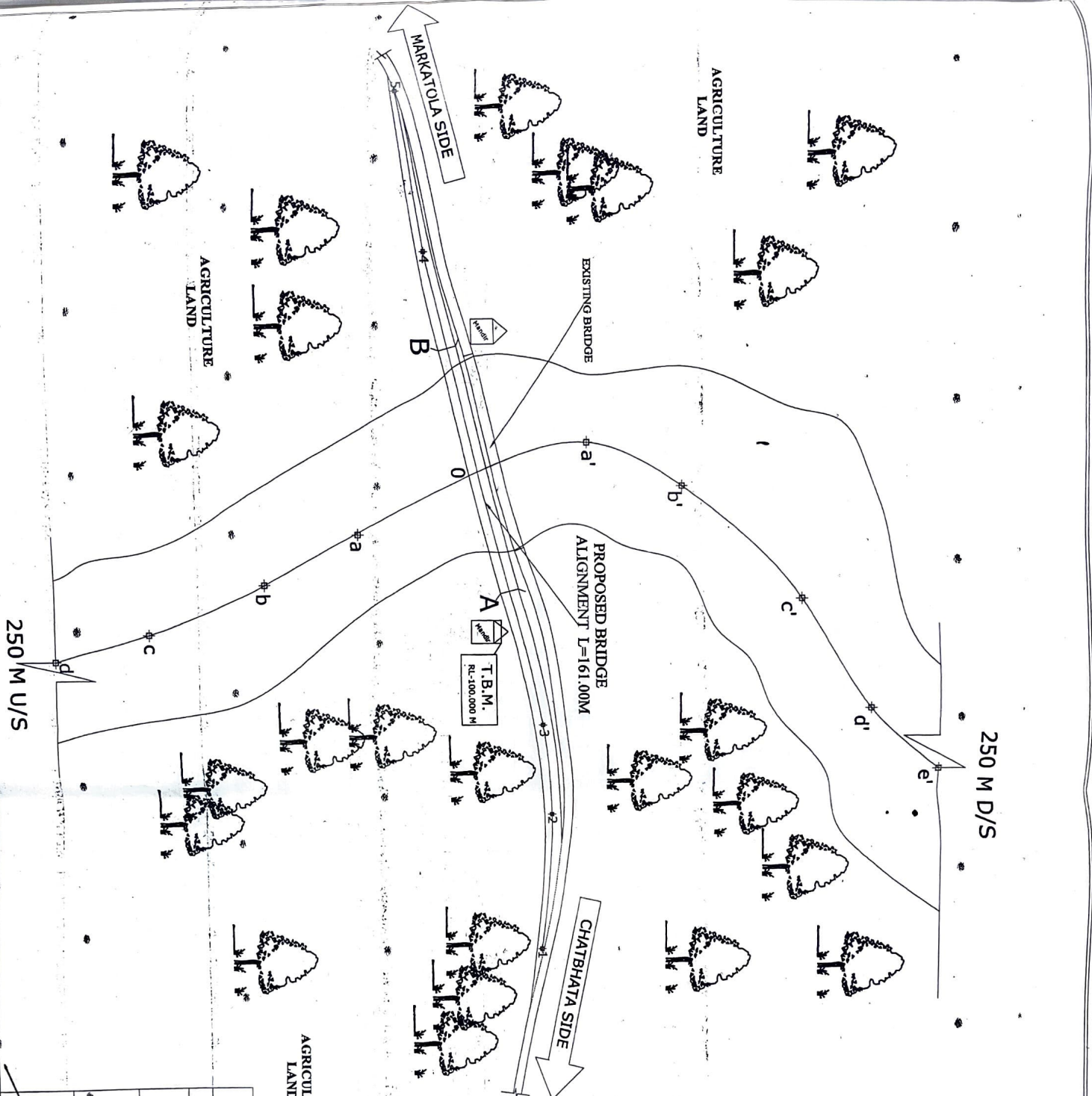
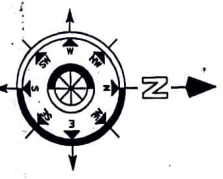
PROJECT:-		CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS SIRSIDA NALA KM 5-4 ON CHATBHATA-MARKATOLA ROAD	
DRAWN BY:-		SITE PLAN	
TITLE:-		DATE:-	
DRG NO.:-			
S.D.O.		S.E.	
E.E.			
OFFICE OF THE EXECUTIVE ENGINEER P.W.D. BRIDGE CONSTRUCTION DIVISION, KANKER (C.G.)			

U/S RIVER BEARING		
POINT	BEARING	DISTANCE
0-a	152°	90 M
a-b	150°	70 M
b-c	155°	80 M
c-d	170°	60 M

D/S RIVER BEARING		
POINT	BEARING	DISTANCE
0-a'	345°	60 M
a'-b'	22°	70 M
b'-c'	44°	110 M
c'-d'	58°	80 M
d'-e'	43°	60 M

EX. ROAD / BRIDGE BEARING		
POINT	BEARING	DISTANCE
1-2	272°	70 M
2-3	265°	50 M
3-A	255°	100 M
A-B	255°	161 M
B-4	256°	60 M
4-5	260°	89 M

ORIENTATION







CHARBHATA SIDE

LENGTH 151.90M GRADIENT 1:32

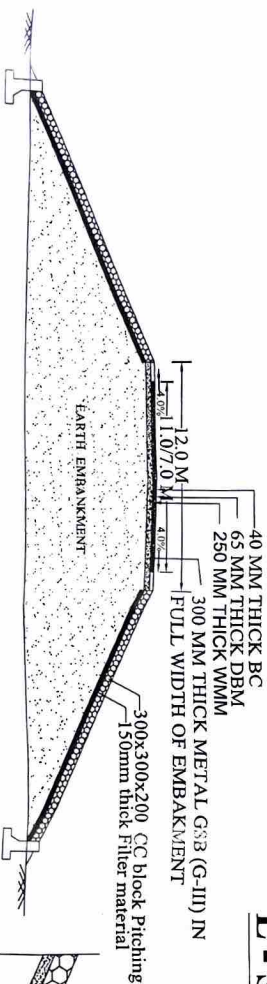
FORMATION LEVEL  
RL 103.275M

MARKATOLA SIDE

LENGTH 100.90M GRADIENT 1:36

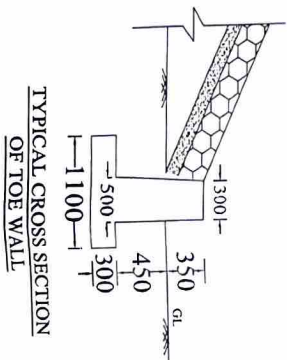
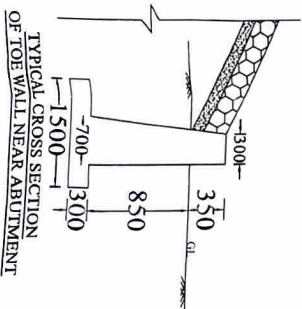
GROUND LEVEL IN METRE	DATUM R.L. 70.000 M	15.0 M IN STRAIGHT	RCC BOX TYPE ABUTMENT	LENGTH OF BRIDGE 161.00 M	RCC BOX TYPE ABUTMENT	15.0 M IN STRAIGHT	DATUM R.L. 70.000 M	GROUND LEVEL IN METRE
60.00	98.940							
70.00	98.600							
80.00	98.290							
90.00	98.310							
100.00	98.180							
110.00	98.240							
120.00	98.180							
130.00	98.100							
140.00	98.150							
150.00	98.150							
160.00	98.150							
170.00	99.450							
180.00	99.600							
190.00	99.440							
200.00	99.650							
210.00	99.650							
220.00	99.600							
230.00	99.100							
381.00	96.800							
390.00	97.270							
400.00	97.570							
410.00	97.800							
420.00	97.980							
430.00	98.250							
440.00	98.550							
450.00	98.990							
460.00	99.610							
470.00	100.200							
480.00	100.620							
490.00	100.890							

## L - SECTION OF ROAD



TYPICAL CROSS SECTION OF APPROACH ROAD IN FILLING

- NOTES:-
1. ROAD WIDTH IS 12.0 M
  2. CRUST WIDTH TO BOTH SIDE 15.0M IN 11 M WIDTH. IN FURTHER 15.0 M BOTH SIDE CRUST WIDTH IS FLARED FROM 11.0 M TO 7.0 M AND REMAINING LENGTH CRUST WIDTH IS 7.0 M IN BOTH SIDE APPROACHES



TYPICAL CROSS SECTION  
OF TOE WALL

<i>[Signature]</i>		<i>[Signature]</i>	
S/E	S.D.O.	E.E.	
OFFICE OF THE EXECUTIVE ENGINEER P.W.D. BRIDGE CONSTRUCTION DIVISION, KANKER, (C.G.)			
PROJECT		CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS SIRSIDA NALA IN KM-5/4 ON CHARBHATA-MARKATOLA ROAD.	
DRAWN BY:-		TITLE :- L - SECTION OF ROAD	
DRG NO. :-		DATE :-	