


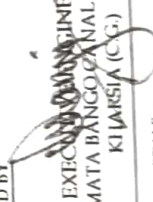

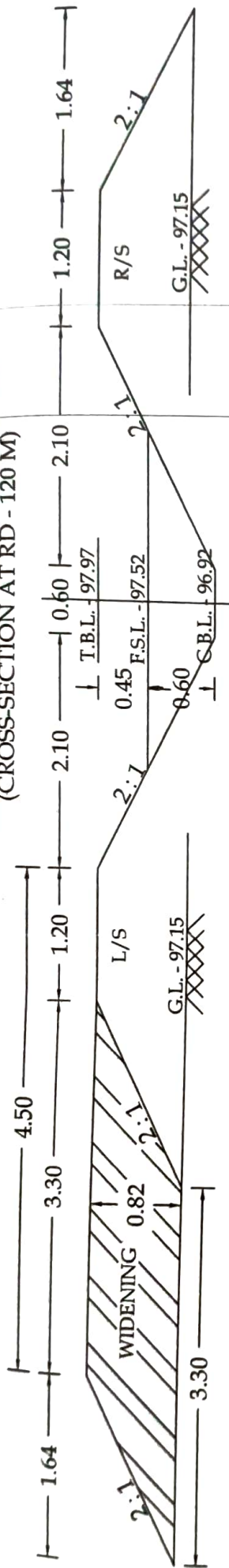


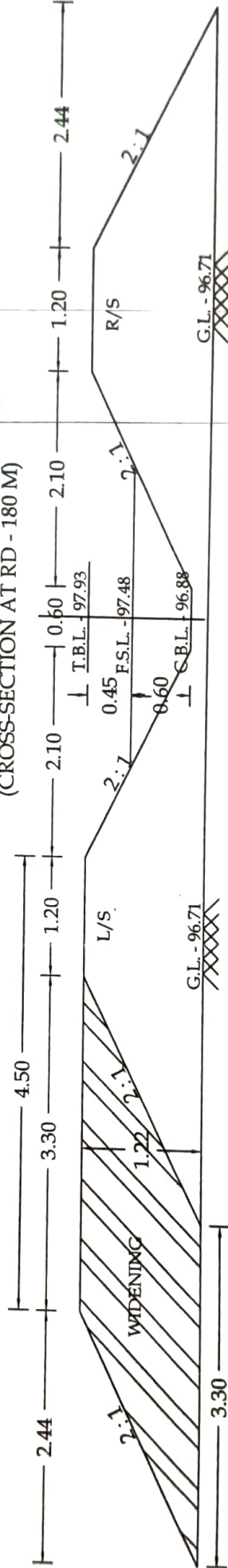
[illegible]

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT			
OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGO CANAL DN NO. 5, KHARSIA (C.G.)			
RENOVATION OF SARASKELA TANK SCHEME			
DRAWING OF C.C. LINING OF MAIN CANAL FROM RD 0 M TO 1050 M			
CHECKED BY  SUB ENGINEER/ ASSISTANT ENGINEER	CHECKED BY	CHECKED BY  ASSISTANT ENGINEER (D) MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)	CHECKED BY
CHECKED BY  SUB DIVISIONAL OFFICER MINIMATA BANGO CANAL SUB DN DABHARA (C.G.)	CHECKED BY	ASSISTANT ENGINEER (D) KELO PROJECT DAM CIRCLE KHARSIA (C.G.)	CHECKED BY EXECUTIVE ENGINEER (D) MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)
CHECKED BY	CHECKED BY	EXECUTIVE ENGINEER (D) KELO PROJECT DAM CIRCLE KHARSIA (C.G.)	CHECKED BY
SUBMITTED BY  EXECUTIVE ENGINEER MINIMATA BANGO CANAL DN NO. 5 KHARSIA (C.G.)	RECOMMENDED BY	RECOMMENDED BY	APPROVED BY  CHIEF ENGINEER MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)
SCALE:- NOTE: ALL DIMENSIONS ARE IN METER	DRAWING NO:-		

# CROSS SECTION OF MAIN CANAL (CROSS-SECTION AT RD - 120 M)



# CROSS SECTION OF MAIN CANAL (CROSS-SECTION AT RD - 180 M)



GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT  
OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGO CANAL DN NO. 5, KHARSIA (C.G.)

## RENOVATION OF SARASKELA TANK SCHEME

### DRAWING OF CROSS-SECTION OF MAIN CANAL FOR WIDENING EARTHWORK SECTION

*P. S. S.*  
SUB ENGINEER/  
ASSISTANT ENGINEER

*R. S. S.*  
SUB DIVISIONAL OFFICER  
MINIMATA BANGO CANAL SUB DN  
DABHARA (C.G.)

EXECUTIVE ENGINEER  
MINIMATA BANGO CANAL DN NO. 5  
KHARSIA (C.G.)

SCALE -

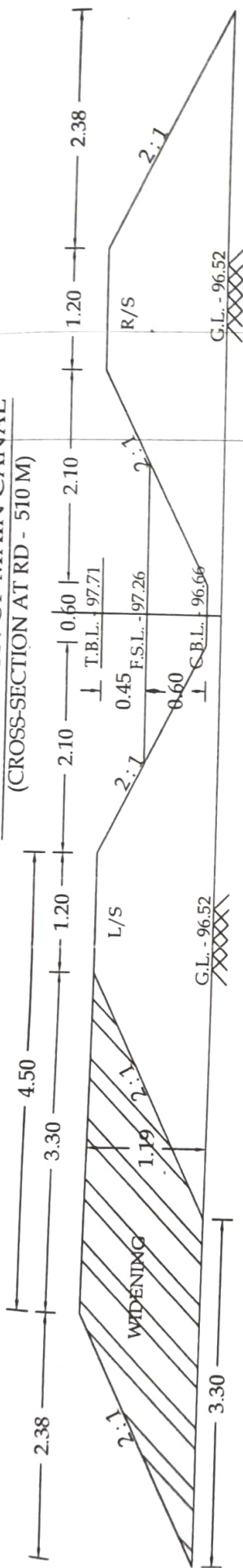
NOTE - ALL DIMENSIONS ARE IN METER

DRAWING NO -

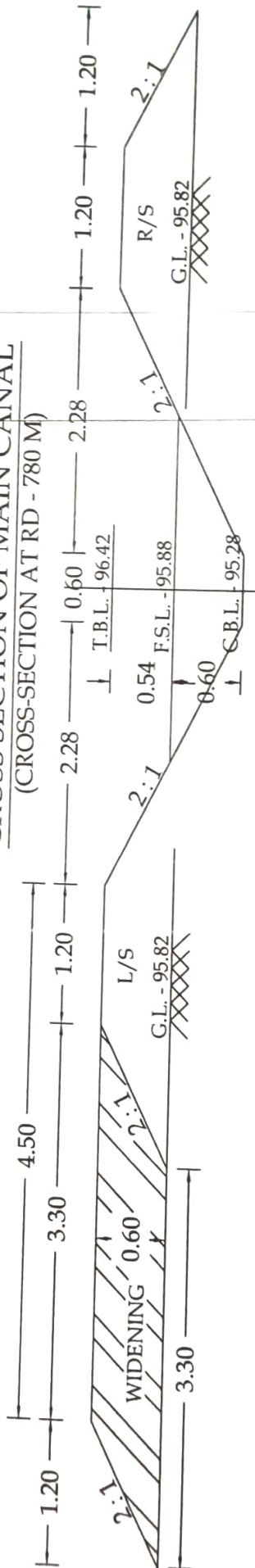
4

1

# CROSS SECTION OF MAIN CANAL (CROSS-SECTION AT RD - 510 M)



# CROSS SECTION OF MAIN CANAL (CROSS-SECTION AT RD - 780 M)



GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGO CANAL DN NO. 5, KHARSIA (C.G.)

## RENOVATION OF SARASKELA TANK SCHEME

DRAWING OF CROSS-SECTION OF MAIN CANAL FOR WIDENING EARTHWORK SECTION

SUB ENGINEER/  
ASSISTANT ENGINEER

SUB DIVISIONAL OFFICER  
MINIMATA BANGO CANAL SUB DN  
DABHARA (C.G.)

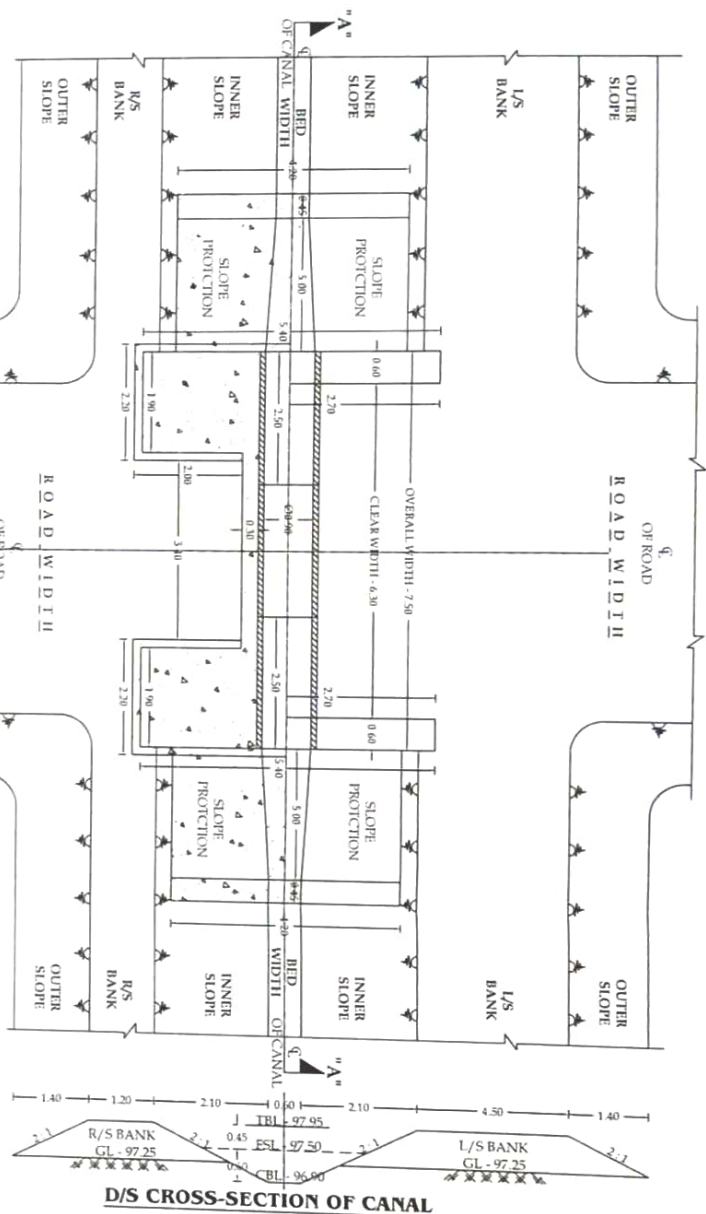
EXECUTIVE ENGINEER  
MINIMATA BANGO CANAL DN NO. 5  
KHARSIA (C.G.)

SCALE :-

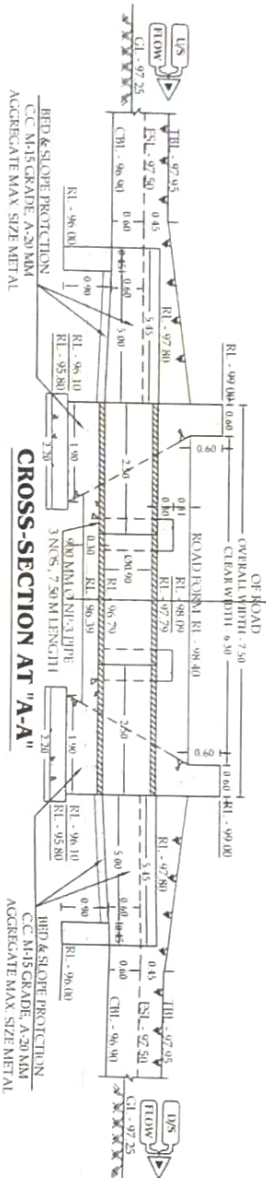
NOTE :- ALL DIMENSIONS ARE IN METER

DRAWING NO. :-

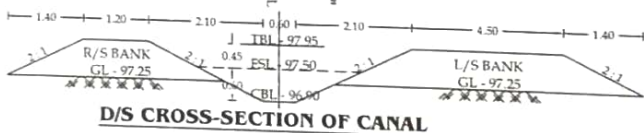
# DRAWING OF RE-CONSTRUCTION OF HUME PIPE VRB AT RD 150 M OF MAIN CANAL



## HALF TOP & HALF BOTTOM PLAN



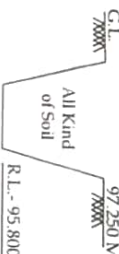
## CROSS-SECTION AT "A-A"



## D/S CROSS-SECTION OF CANAL

CERTIFIED THAT THE STATA SHOWN IN THE TRIAL PIT SECTION IS CORRECT WITH BEST OF MY KNOWLEDGE

## DETAILS OF T.P. SECTION



CANAL DATA	
S.NO.	PARTICULARS
1.	FULL SUPPLY DISCHARGE
2.	CANAL BED WIDTH
3.	FULL SUPPLY DEPTH
4.	FREE BOARD
5.	SIDE SLOPE (INNER)
6.	SIDE SLOPE (OUTER)
7.	TOP WIDTH OF BANK (L/R)
8.	VELOCITY (V)
9.	BED GRADE
10.	G.L.
11.	C.B.L.
12.	F.S.L.
13.	T.B.L.
14.	VALUE OF 'n'
1.	0.150 Cumecs
2.	0.60 M
3.	0.60 M
4.	0.45 M
5.	2:1
6.	2:1
7.	4.50 / 1.20 M
8.	0.547 M/Sec
9.	1:1500
10.	97.250 M
11.	96.900 M
12.	97.500 M
13.	97.950 M
14.	0.018

## BRIDGE DATA

1.	TYPE OF BRIDGE	HUME PIPE
2.	TYPE OF CROSSING	RIGHT ANGLE
3.	PROVIDED PIPE DIA	900 MM Ø RCC
4.	FORMATION/ROAD LEVEL	98.400 M
5.	ROAD WIDTH	7.50 M

AE/SUB ENGINEER

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER, MINIMATI BANGO CANAL DN NO. 5, KHARSA (C.G.)

DRAWING OF RE-CONSTRUCTION OF HUME PIPE VRB AT RD 150 M OF MAIN CANAL

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

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CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

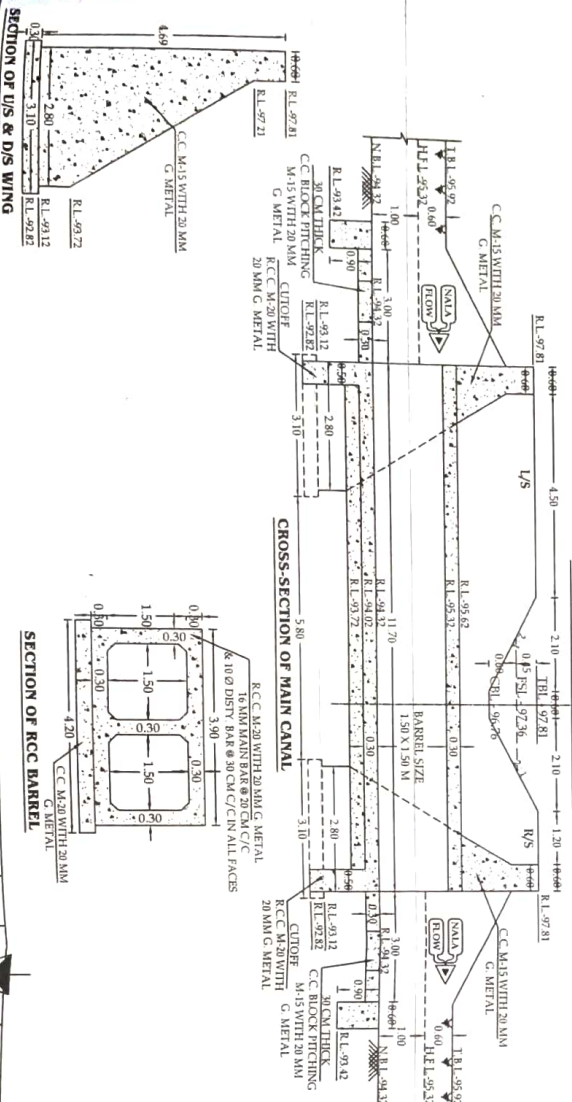
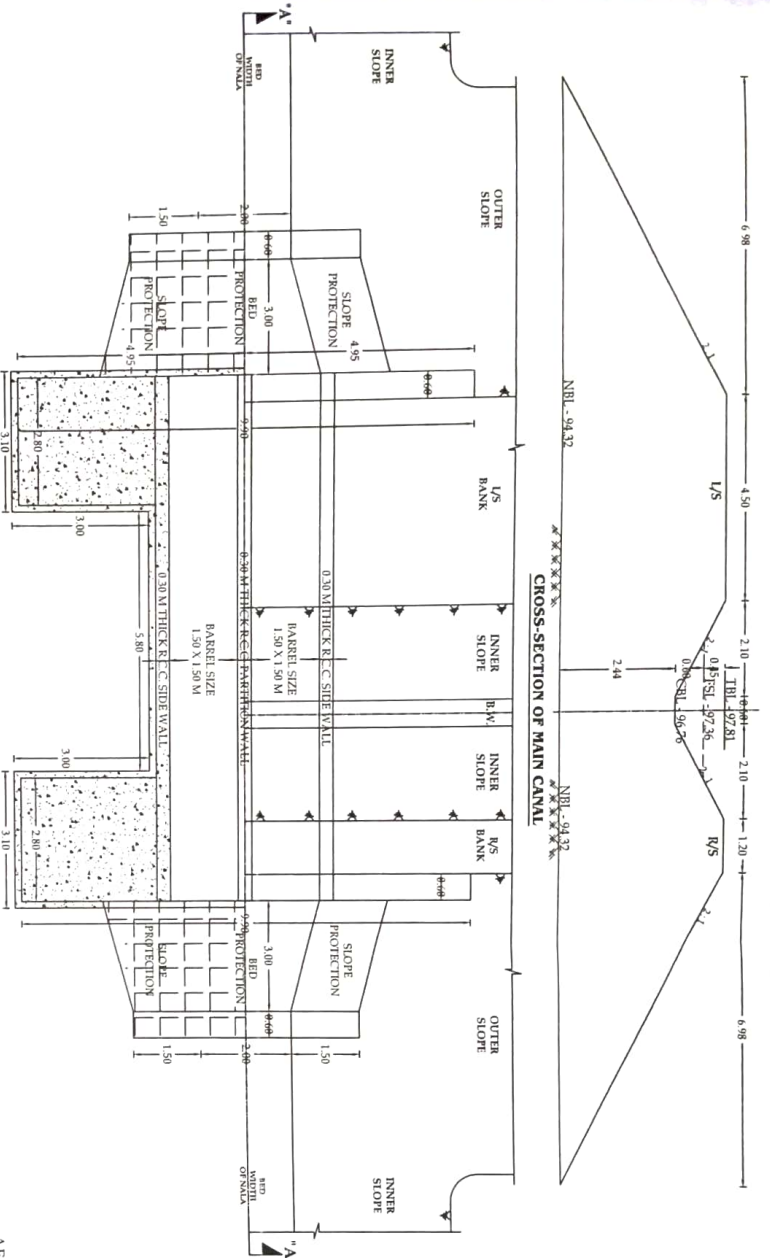
CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

CHECKED BY: SUB ENGINEER/ ASSISTANT ENGINEER

# DRAWING OF CONSTRUCTION OF R.C.C. BARREL CD AT RD 360 M OF MAIN CANAL



## DETAILS OF T.P. SECTION

CANAL DATA	
S.NO.	PARTICULARS
1.	FULL SUPPLY DISCHARGE
2.	CANAL BED WIDTH
3.	FULL SUPPLY DEPTH
4.	FREE BOARD
5.	SIDE SLOPE (INNER)
6.	SIDE SLOPE (OUTER)
7.	TOP WIDTH OF BANK (L/R)
8.	VELOCITY (V)
9.	BED GRADE
10.	G.L.
11.	C.B.L.
12.	F.S.L.
13.	T.B.L.
14.	VALUE OF 'n'
DRAINAGE DATA	
1.	NALLA BED LEVEL
2.	H.F.D.
3.	T.B.L.
4.	BED WIDTH OF NALLA
5.	F.S. DISCHARGE
6.	SIDE SLOPE
1.	94.320 M
2.	1.00 M
3.	95.920 M
4.	2.00 M
5.	8.920 CUM/SEC
6.	1:1
1.	0.150 Cum/Sec
2.	0.60 M
3.	0.60 M
4.	0.45 M
5.	2:1
6.	2:1
7.	4.50/1.20 M
8.	0.547 M/Sec
9.	1:1500
10.	94.320 M
11.	96.760 M
12.	97.360 M
13.	97.810 M
14.	0.018

CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PT. SECTION IS CORRECT WITH BEST OF MY KNOWLEDGE

AE/SUB ENGINEER

SUB DIVISIONAL OFFICER  
MINIMIATA BANCO CANAL SUB DN  
DABHARA (C.G.)

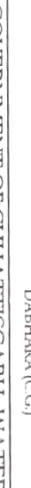
GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT  
OFFICE OF THE EXECUTIVE ENGINEER, MINIMIATA BANCO CANAL DN NO. 5, KHARSA (C.G.)  
RENOVATION OF SARASWELA TANK SCHEME  
DRAWING OF CONSTRUCTION OF R.C.C. BARREL CD AT RD 360 M OF MAIN CANAL

CHECKED BY	SUB ENGINEER/ ASSISTANT ENGINEER	CHECKED BY	ASSISTANT ENGINEER (D) KELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY	EXECUTIVE ENGINEER (D) MINIMIATA BANCO CANAL DN NO. 5 KHARSA (C.G.)
CHECKED BY	SUB DIVISIONAL OFFICER MINIMIATA BANCO CANAL SUB DN DABHARA (C.G.)	CHECKED BY	ASSISTANT ENGINEER (D) KELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY	EXECUTIVE ENGINEER (D) MINIMIATA (HASDEO) BANCO PROJECT, BILASPUR (C.G.)
CHECKED BY	ASSISTANT ENGINEER (D) MINIMIATA BANCO CANAL DN NO. 5 KHARSA (C.G.)	CHECKED BY	EXECUTIVE ENGINEER (D) KELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY	SUPERINTENDING ENGINEER (D) MINIMIATA (HASDEO) BANCO PROJECT, BILASPUR (C.G.)
CHECKED BY	EXECUTIVE ENGINEER (D) MINIMIATA BANCO CANAL DN NO. 5 KHARSA (C.G.)	CHECKED BY	SUPERINTENDING ENGINEER (D) MINIMIATA (HASDEO) BANCO PROJECT, BILASPUR (C.G.)	CHECKED BY	CHIEF ENGINEER MINIMIATA (HASDEO) BANCO PROJECT, BILASPUR (C.G.)

NOTE - ALL DIMENSIONS ARE IN METRE

DRAWING NO. -

### CANAL DATA



### DETAILS OF T.P. SECTION

CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PIT SECTION  
IS CORRECT WITH BEST OF MY KNOWLEDGE

AE/SUB ENGINEER

SUB DIVISIONAL OFFICER	EXECUTIVE ENGINEER
MINIMATA BANGO CANAL SUB DN	MINIMATA BANGO CANAL DN NO 3
DABHARA (C.G.)	KHARSA (C.G.)

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGO CANAL DN NO. 5, KHARSIA (C.G.)

DRAWING OF CONSTRUCTION OF 1.20 M FALL AT RD 750 M OF MAIN CANAL

SUB ENGINEER/  
ASSISTANT ENGINEER

ASSISTANT ENGINEER (D) KELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY
--------------------------------------------------------------------	------------

SUB DIVISIONAL OFFICER  
MINIMATA BANCO CANAL SUB DN  
DABHARA (C.G.)  
CHECKED BY

EXECUTIVE ENGINEER (D)  
KELCO PROJECT DAM/CIRCLE

MINIMATA BANGCO CANAL DN NO  
KHARSIA (C.G.)

APPROVED BY 

CHIEF ENGINEER

**EXECUTIVE ENGINEER**  
MINIMATA BANED CANAL DN NO  
KHARSA (C.G.)

5	DO NOT WRITE IN THESE SPACES KELCO PROJECT, DAM CIRCLE KHARSTA (C.G.)	MINI-NATA (HASEP) BANCO PROJECT <del>BILASPUR (C.G.)</del>
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NOTE - ALL DIMENSIONS ARE IN METERS

DRAWING NO. -

DRAWING NO. -

The diagram illustrates a road cross-section with a central median and side slopes. The central median is labeled 'TBL' (Top of Base Layer) and 'ESL' (Edge of Shoulder Line). The side slopes are labeled 'NBL - 93.85' (North Base Line) and 'NRL - 93.85' (North Road Line). The diagram includes various dimensions and elevations: a central width of 4.50, a side width of 2.10, a total width of 4.54, and a central width of 4.54. The elevations are 96.22 for the TBL and 95.82 for the ESL. The side slopes are 1:1. The diagram also shows a vertical offset of 0.84 and a horizontal offset of 1.37.

[illegible]

900 MM Ø NF-3 RCC PIPE  
5 NOS, 12.50 M LENGTH

C.C. M-15 GRADE, A-20  
NON AGGREGATE  
MAX. SIZE METAL

1.70

1.70

Ø 90

SECTION OF PIPE

RL - 95.10  
RL - 94.80  
RL - 93.80  
RL - 93.40

### SECTION OF PIPE

### DETAILS OF T.P. SECTION

CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PIT SECTION  
IS CORRECT WITH BEST OF MY KNOWLEDGE

AE/SUB ENGINEER

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

### RENOVATION OF SARASKELA TANK SCHEME

CHECKED BY

ASSISTANT ENGINEER

MINIMATA BANCO CANAL SUB DN  
DABHARA (C.G.)

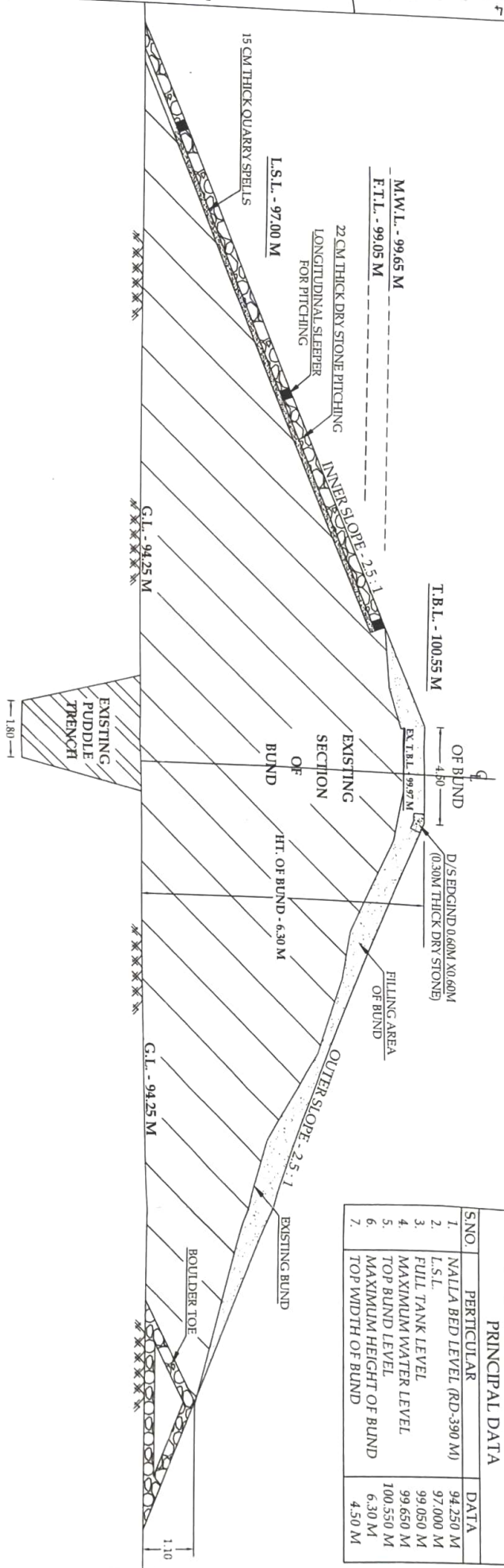
MINIMATA BANGO CANAL DN NO. 3  
KHARSA (CG)

MINIMATA BANGOCANAL DN NO 1

NOTE - ALL DIMENSION ARE IN METER

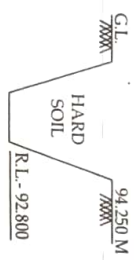
DRAWING NO.:-

# RENOVATION OF SARASKELA TANK SCHEME MAXIMUM CROSS SECTION OF DAM/BUND AT RD 390 M



PRINCIPAL DATA	
S.NO.	PARTICULAR
1.	NALLA BED LEVEL (RD-390 M)
2.	L.S.L.
3.	FULL TANK LEVEL
4.	MAXIMUM WATER LEVEL
5.	TOP BUND LEVEL
6.	MAXIMUM HEIGHT OF BUND
7.	TOP WIDTH OF BUND
	DATA
	94.250 M
	97.000 M
	99.050 M
	99.650 M
	100.550 M
	6.30 M
	4.50 M

## DETAILS OF T.P. SECTION



CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PIT SECTION IS CORRECT WITH BEST OF MY KNOWLEDGE

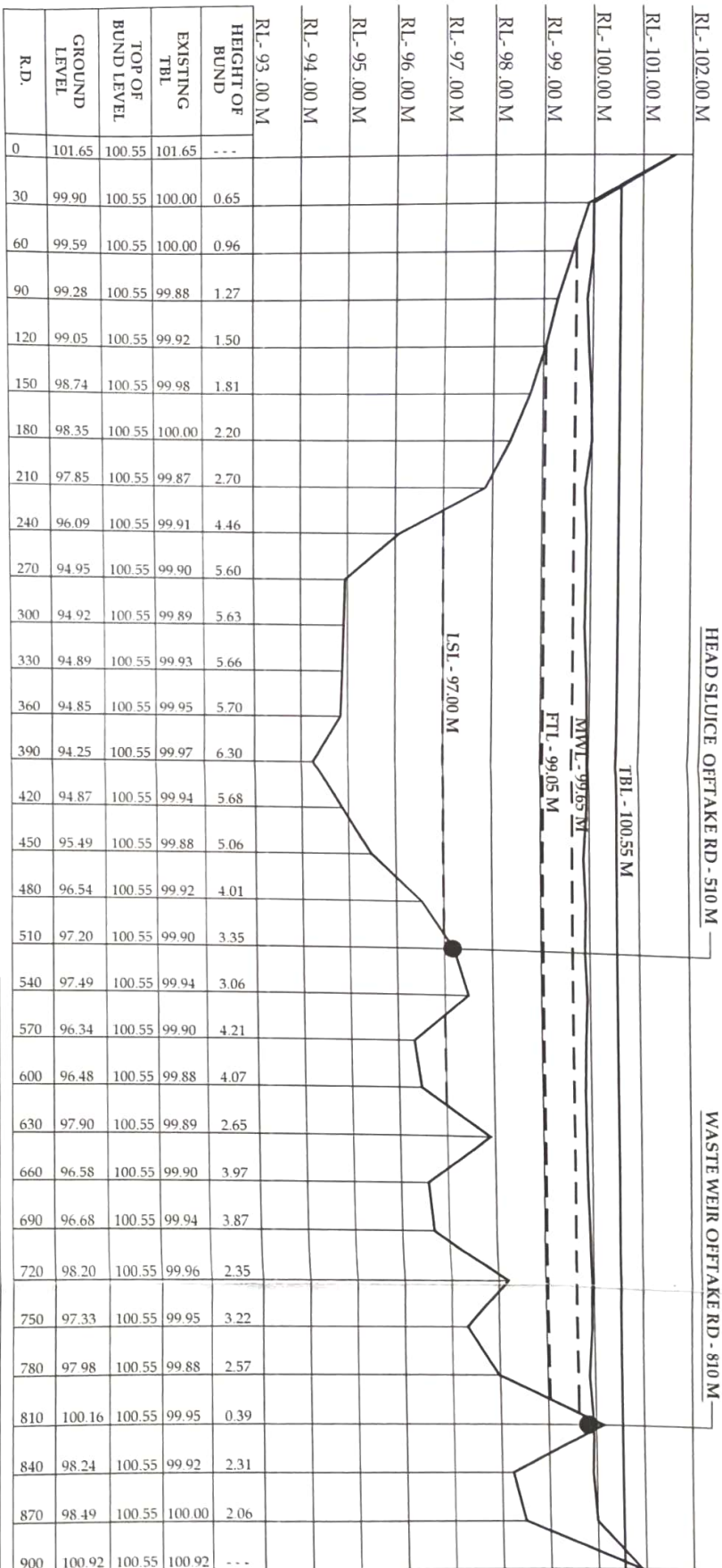
SUB ENGINEER/  
 ASSISTANT ENGINEER  
 SUB DIVISIONAL OFFICER  
 MINIMATA BANGO CANAL SUB DN  
 DABHARA (C.G.)  
 EXECUTIVE ENGINEER  
 MINIMATA BANGO CANAL DN NO. 5  
 KHARSA (C.G.)

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT  
 OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGO CANAL DN NO. 5, KHARSA (C.G.)  
 RENOVATION OF SARASKELA TANK SCHEME  
 DRAWING OF MAXIMUM CROSS-SECTION AT RD 390 M OF BUND

CHECKED BY SUB ENGINEER/ ASSISTANT ENGINEER	CHECKED BY ASSISTANT ENGINEER (D) KHELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY ASSISTANT ENGINEER (D) MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)
CHECKED BY SUB DIVISIONAL OFFICER MINIMATA BANGO CANAL SUB DN DABHARA (C.G.)	CHECKED BY EXECUTIVE ENGINEER (D) KHELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY EXECUTIVE ENGINEER (D) MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)
SUBMITTED BY ASSISTANT ENGINEER (D) MINIMATA BANGO CANAL DN NO. 5 KHARSA (C.G.)	RECOMMENDED BY SUPERINTENDING ENGINEER (D) MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)	APPROVED BY CHIEF ENGINEER MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)
EXECUTIVE ENGINEER MINIMATA BANGO CANAL DN NO. 5 KHARSA (C.G.)	SUPERINTENDING ENGINEER KHELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHIEF ENGINEER MINIMATA (HASDEO) BANGO PROJECT, BILASPUR (C.G.)

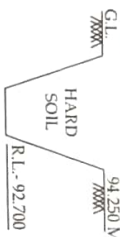
SCALE: 1:80  
 NOTE: ALL DIMENSIONS ARE IN METERS

# L-SECTION OF BUND FROM RD 0 M TO 900 M OF SARASKELA TANK SCHEME



1.	L.S.L.	97.00 M
2.	F.T.L.	99.05 M
3.	M.W.L.	99.65 M
4.	T.B.L.	100.55 M
5.	G.L. (AT RD 390 M)	94.25 M
6.	TOP WIDTH OF BUND	4.50 M
7.	MAXM HT OF BUND	6.30 M

## DETAILS OF T.P. SECTION



CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PT SECTION IS CORRECT WITH BEST OF MY KNOWLEDGE

SUB ENGINEER/  
ASSISTANT ENGINEER  
MINIMATA BANGCO CANAL SUB DN  
DABHARA (C.G.)

EXECUTIVE ENGINEER  
MINIMATA BANGCO CANAL DN NO. 5  
KHARSA (C.G.)

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGCO CANAL DN NO. 5, KHARSA (C.G.)

RENOVATION OF SARASKELA TANK SCHEME

L-SECTION OF BUND FROM RD 0 M TO 900 M OF SARASKELA TANK SCHEME

CHECKED BY	SUB ENGINEER/ ASSISTANT ENGINEER	CHECKED BY	ASSISTANT ENGINEER (D) KHELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY	ASSISTANT ENGINEER (D) MINIMATA (HARDO) BANGCO PROJECT, BILASPUR (C.G.)
CHECKED BY	SUB DIVISIONAL OFFICER MINIMATA BANGCO CANAL SUB DN DABHARA (C.G.)	CHECKED BY	EXECUTIVE ENGINEER (D) KHELO PROJECT DAM CIRCLE KHARSA (C.G.)	CHECKED BY	EXECUTIVE ENGINEER (D) MINIMATA (HARDO) BANGCO PROJECT, BILASPUR (C.G.)
SUBMITTED BY	ASSISTANT ENGINEER (D) MINIMATA BANGCO CANAL DN NO. 5 KHARSA (C.G.)	RECOMMENDED BY	SUPERINTENDING ENGINEER (D) KHELO PROJECT DAM CIRCLE KHARSA (C.G.)	APPROVED BY	CHIEF ENGINEER MINIMATA (HARDO) BANGCO PROJECT, BILASPUR (C.G.)
EXECUTIVE ENGINEER MINIMATA BANGCO CANAL DN NO. 5 KHARSA (C.G.)		SUPERINTENDING ENGINEER KHELO PROJECT DAM CIRCLE KHARSA (C.G.)		CHIEF ENGINEER MINIMATA (HARDO) BANGCO PROJECT, BILASPUR (C.G.)	

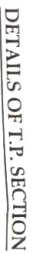
SCALE - ALL DIMENSIONS ARE IN METRE

DRAWING NO. -

SECTION AT A-A



SECTION AT JOINT



RL-94.550

SUB DIVISIONAL OFFICER  
MINIMATA BANGCO CANAL SUB DN

EXECUTIVE ENGINEER  
MINIMATA BANGKO CANAL DN NO. 5  
KHAMMANG

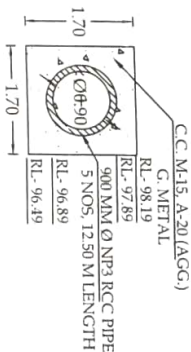
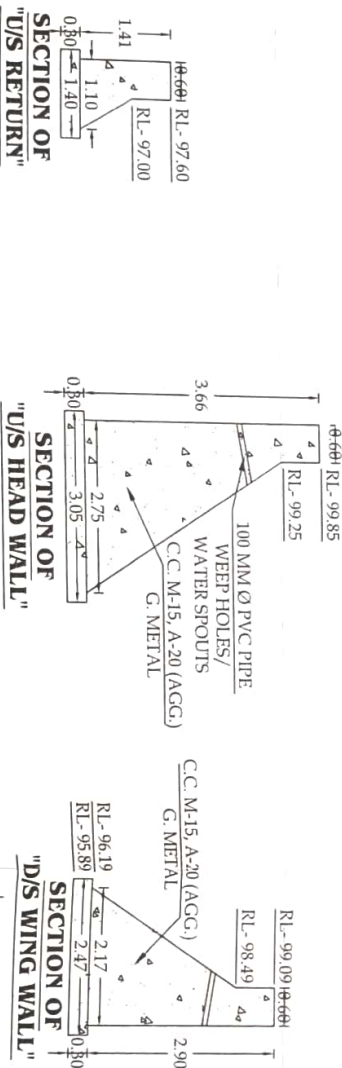
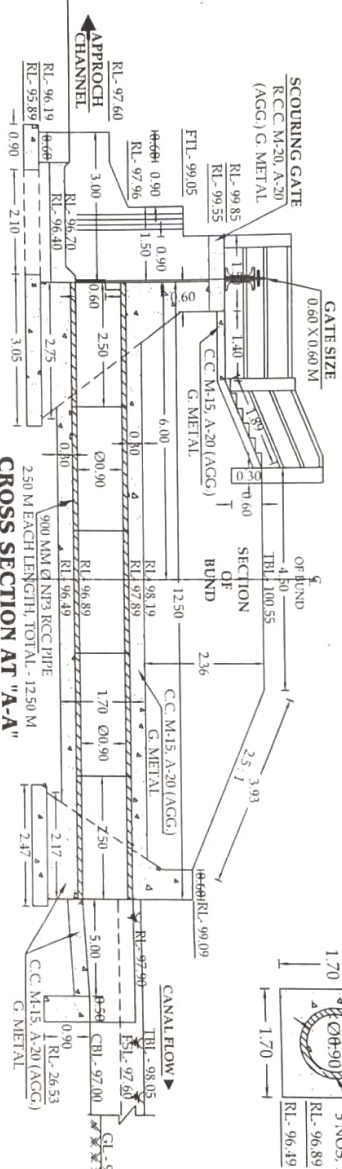
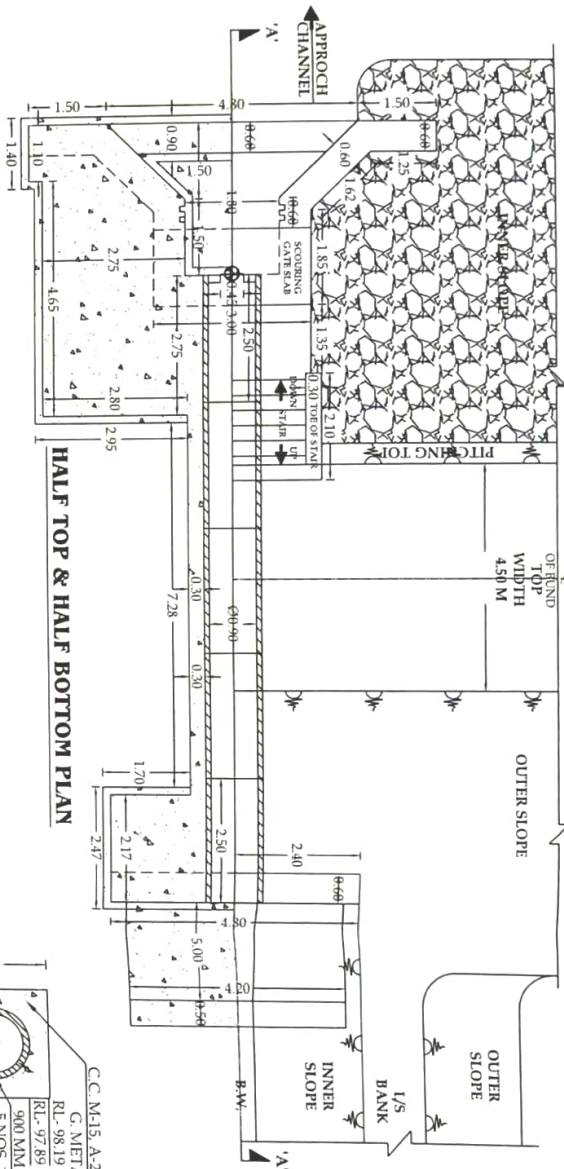
SCALE .

DRAWING NO.

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CANAL DATA		
S/NO	PARTICULARS	DATA
1	FULL SUPPLY DISCHARGE	0.150 Cumecs
2	CANAL BED WIDTH	0.60 M
3	FULL SUPPLY DEPTH	0.60 M
4	FREE BOARD	0.45 M
5	SIDE SLOPE (INNER)	2 : 1
6	TOP SLOPE (OUTER)	2 : 1
7	SIDE SLOPE (BANK)	1.20 / 1.20 M
8	TOP WIDTH OF BANK (L/R)	0.457 M/sec
9	VELOCITY (V)	1 - 1.500
10	BED GRADE	96.850 M
11	C.B.L.	96.700 M
12	F.S.L.	97.500 M
13	T.B.L.	97.750 M
14	VALUE OF $n$	0.018

# DRAWING OF RE-CONSTRUCTION OF HEAD SLUICE FOR MAIN CANAL OFFTAKE RD 510 M OF BUND



DAM/BUND DATA	
S/N	PARTICULARS
1	FULL SUPPLY DISCHARGE
2	LSL
3	MDL
4	F.T.L.
5	M.W.L.
6	T.B.L.
7	DRIVING HEAD
8	TOP WIDTH OF BUND
9	GROUND LEVEL
10	HEIGHT OF BUND
	DATA
	0.15 Cumecs
	97.000 M
	97.900 M
	99.050 M
	99.650 M
	100.550 M
	0.90 M
	4.50 M
	97.200 M
	3.35 M

CANAL DATA	
S.NO.	PARTICULARS
1	FULL SUPPLY DISCHARGE
2	CANAL BED WIDTH
3	FULL SUPPLY DEPTH
4	FREE BOARD
5	SIDE SLOPE (INNER)
6	SIDE SLOPE (OUTER)
7	TOP WIDTH OF BANK (L/R)
8	VELOCITY (V)
9	BED GRADE
	DATA
	0.15 Cumecs
	0.60 M
	0.60 M
	0.45 M
	2:1
	2:1
	1.20 / 1.20 M
	0.457 M/Sec
	1:1500

## DETAILS OF T.P. SECTION



CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PIT SECTION IS CORRECT WITH BEST OF MY KNOWLEDGE

AE/SUB ENGINEER

SUB DIVISIONAL OFFICER  
MINIMATA BANGCO CANAL SUB DN  
DAHABARA (C.G.)

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGCO CANAL DN NO. 5, KHARSA (C.G.)

RENOVATION OF SARASKELE TANK SCHEME

DRAWING OF RE-CONSTRUCTION OF HEAD SLUICE FOR MAIN ANAL OFFTAKE RD 510 M OF BUND

CHECKED BY

CHECKED BY

CHECKED BY

SUB ENGINEER/  
ASSISTANT ENGINEER

ASSISTANT ENGINEER (D)  
KETO PROJECT DAM CIRCLE  
KHARSA (C.G.)

ASSISTANT ENGINEER (D)  
MINIMATA (HARSHED) BANGCO PROJECT,  
BILASPUR (C.G.)

SUB DIVISIONAL OFFICER  
MINIMATA BANGCO CANAL SUB DN  
DAHABARA (C.G.)

CHECKED BY

EXECUTIVE ENGINEER (D)  
MINIMATA (HARSHED) BANGCO PROJECT,  
BILASPUR (C.G.)

ASSISTANT ENGINEER (D)  
MINIMATA BANGCO CANAL DN NO. 5  
KHARSA (C.G.)

CHECKED BY

SUPERINTENDING ENGINEER (D)  
MINIMATA (HARSHED) BANGCO PROJECT,  
BILASPUR (C.G.)

EXECUTIVE ENGINEER  
MINIMATA BANGCO CANAL DN NO. 5  
KHARSA (C.G.)

CHECKED BY

CHIEF ENGINEER  
MINIMATA (HARSHED) BANGCO PROJECT,  
BILASPUR (C.G.)

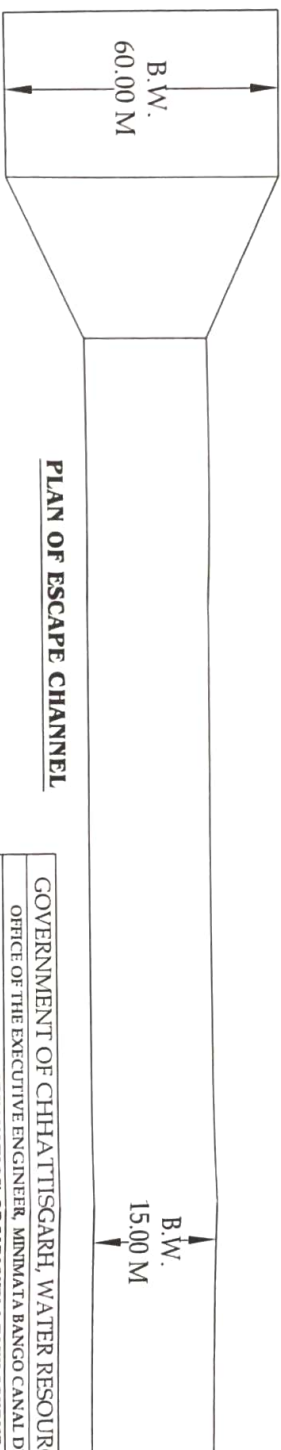
SCALE - ALL DIMENSIONS ARE IN METRE

DRAWING NO -

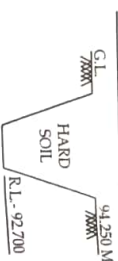
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CHANNEL DATA			
S.NO.	PARTICULARS	U/S DATA	D/S DATA
1.	FULL SUPPLY DISCHARGE	26.00 Cumecs	26.00 Cumecs
2.	CANAL BED WIDTH	60.00 M	15.00 M
3.	FULL SUPPLY DEPTH	2.65 M	2.65 M
4.	FREE BOARD	0.75 M	0.75 M
5.	SIDE SLOPE (INNER)	2 : 1	2 : 1
6.	SIDE SLOPE (OUTER)	2 : 1	2 : 1
7.	VELOCITY (V)	2.66 M/Sec.	2.35 M/Sec.
8.	BED GRADE	1 : 900	1 : 900



### DETAILS OF T.P. SECTION



CERTIFIED THAT THE STRATA SHOWN IN THE TRIAL PIT SECTION IS CORRECT WITH BEST OF MY KNOWLEDGE

SUB ENGINEER/  
ASSISTANT ENGINEER

SUB DIVISIONAL OFFICER,  
MINIMATA BANCO CANAL SUB DN  
DABHARA (CG)

EXECUTIVE ENGINEER  
MATA BANGO CANAL DN NO. 5  
KHARSIA (C.G.)

EXECUTED BY ENGINEER  
MINIMATA BANGCO CANAL DN NO. 5  
KHARSA (C.C.)

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SCALE -

NOTE - ALL DIMENSIONS ARE IN METER

DRAWING NO:-  
SUPERINTENDING ENGINEER  
KELO PROJECT DAM CIRCLE  
KHARSA (C.G.)

CHIEF ENGINEER  
MINIMATA (HASDEO) BANGCO PROJECT  
BILASPUR (C.G.)

GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER, MINIMATA BANGO CANAL DN NO. 5, KHARSIA (C.G.)

RENOVATION OF SARASKELA TANK SCHEME

CHECKED BY \_\_\_\_\_

SUB ENGINEER/  
ASSISTANT ENGINEER

10

SUB DIVISIONAL OFFICER  
MINIMATA BANGCO CANAL SUB DIV  
DABHARA (C.G.)

CKED BY

ASSISTANT ENGINEER (D)  
MINIMATA BANGO CANAL DN NO 5

KI-LARSIA (C.G.)

SUBMITTED BY

7

**EXECUTIVE ENGINEER**

MINIMATA BANGCO CANAL DN NO. 5  
(KARASMA CC)

150

SCALE .

NOTE: ALL DIMENSIONS ARE IN METERS

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[illegible]

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