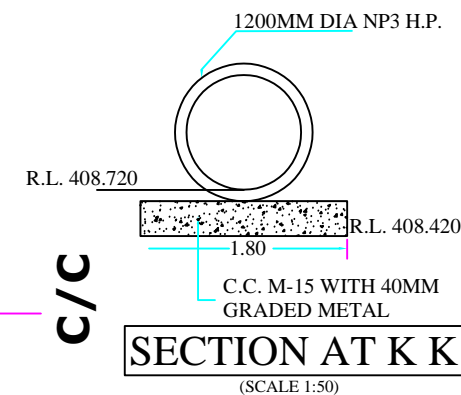
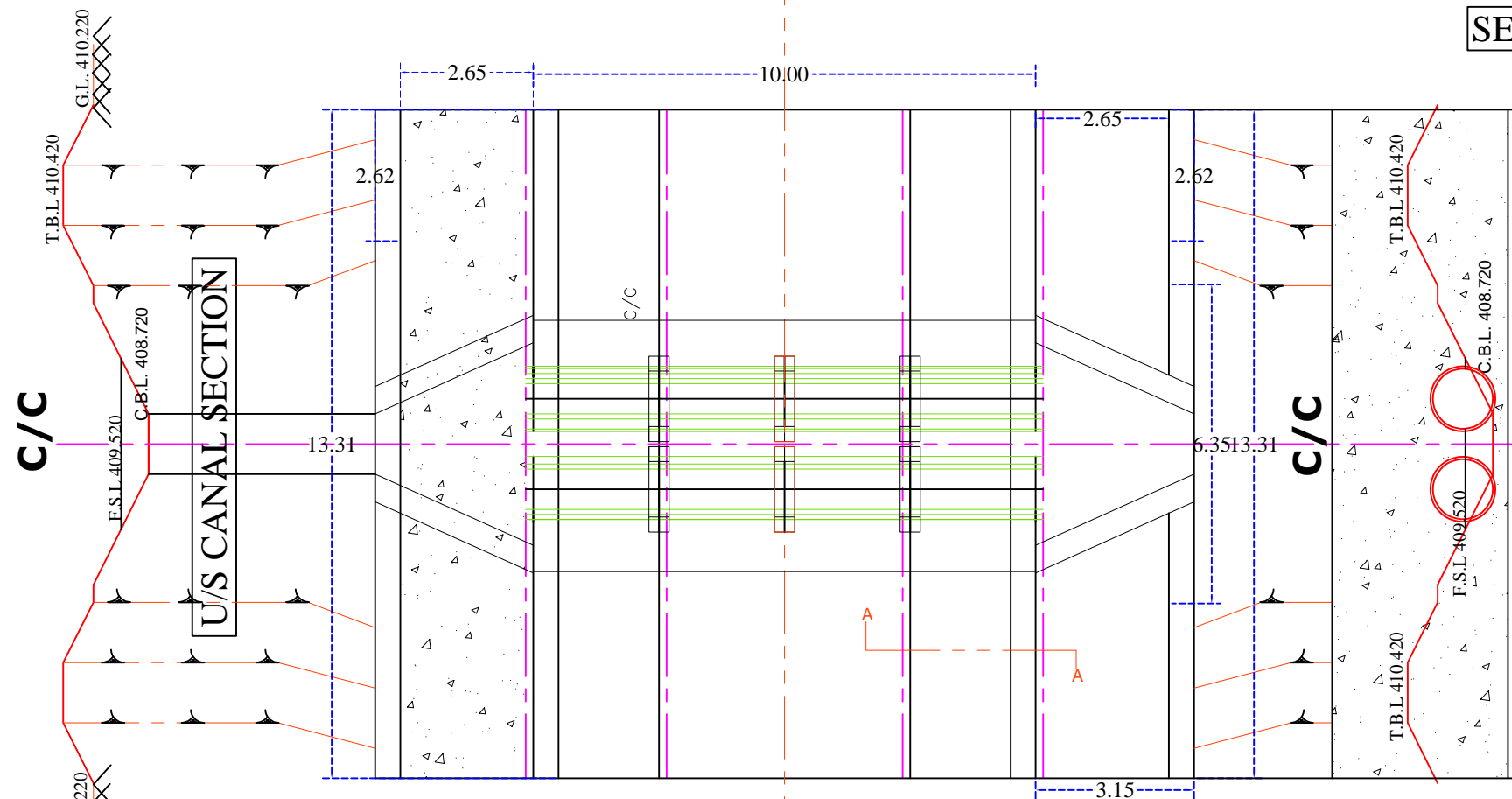
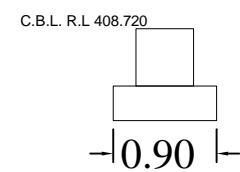


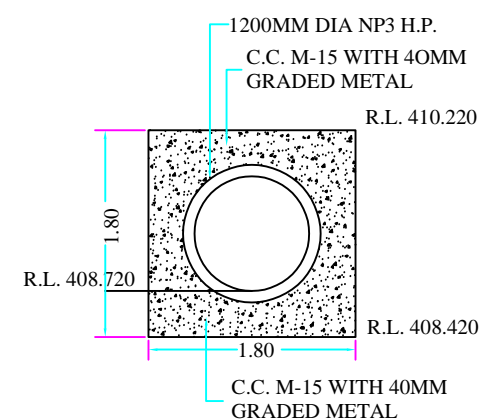
SECTION AT A A



## SECTION AT K K



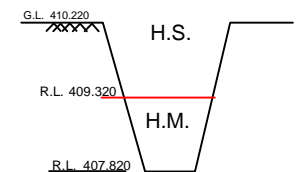
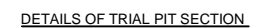
SECTION AT B-B



## SECTION AT H H

FULL SUPPLY DISCHARGE	-	1.30 CUM.ECS.
FULL SUPPLY DEPTH	-	0.80 METER
FREE BOARD	-	0.30 METER
SIDE SLOPES	-	1.5 : 1
TOP BANK WIDTH (L/S)	-	1.20 METER
(R/S)	-	1.20 METER
CANAL BED WIDTH	-	1.20 METER
VELOCITY	-	0.61 M/SEC.
BED GRADE	-	1 IN 3000
GROUND LEVEL	-	410.220
CANAL BED LEVEL	-	408.720
FULL SUPPLY LEVEL	-	409.520
TOP BANK OF LEVEL	-	410.420
NATURE OF SOIL	-	H.S. + H/M
VALUE OF "N"	-	0.0225

CATCHMENT AREA	-	124 Hact.
H.F.L.	-	423.600
N.B.L.	-	410.220
BED GRADE	-	1 : 250



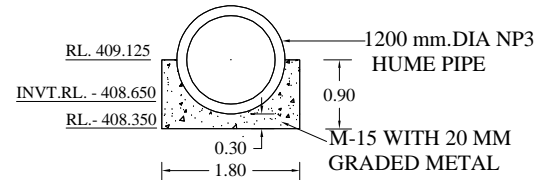
CERTIFICATE :-  
CERTIFIED THAT THE STRATA AND LEVELS SHOWN  
IN THIS TRIAL PIT SECTION IS CORRECT.

SUB ENGINEER

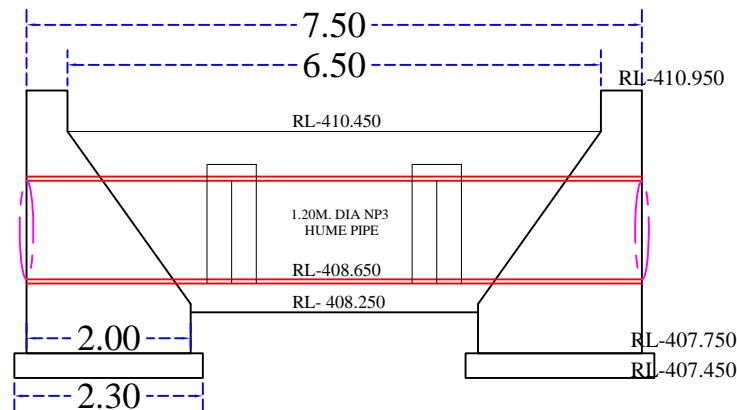
SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DIVISION 1  
KANKER

**GOVERNMENT OF CHHATTISGARH**  
**WATER RESOURCES DIVISION, KANKER**  
**CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE**  
**SUPER PASSAGE AT R.D. 3690.00 M OF MAIN CANAL**

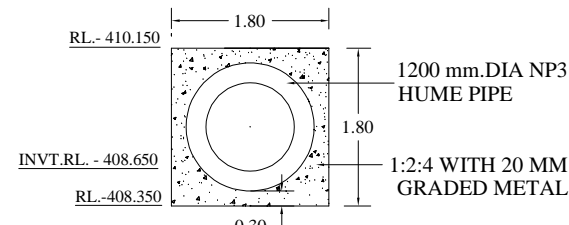
DRAWN BY:	CHECKED BY :-
SUB ENGINEER	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :	CHECKED BY :-
SUB. DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-	APPROVED BY :-
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-	
EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. JAGDALPUR ( C.G.)	
DRAWING NO.	



SECTION AT B-B



SECTIONAL ELEVATION AT X-X



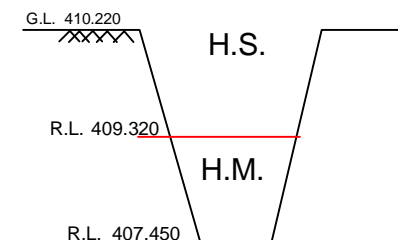
SECTION AT JOINT(A-A)

S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	1.30 Cumecs
2.	VELOCITY (V)	0.61 M/SEC.
3.	BED WIDTH	1.20 M.
4.	F.S.D.	0.80 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	408.650 M.
7.	FULL SUPPLY LEVEL	409.45 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	410.100 M.
12.	TOP BANK LEVEL	410.360 M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

V.R.B. DETAILS:-

1.	TYPE OF V.R.B.	RCC HUME PIPE
2.	OVERALL ROADWAY	7.50M.
3.	CLEAR ROADWAY	6.60M.
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	3 NOS.IN TWO ROW
6.	FORMATION LEVEL	410.450 M.

DETAILS OF TRIAL PIT SECTION



CERTIFICATE :-  
CERTIFIED THAT THE STRATA AND LEVELS SHOWN  
IN THIS TRIAL PIT SECTION IS CORRECT.

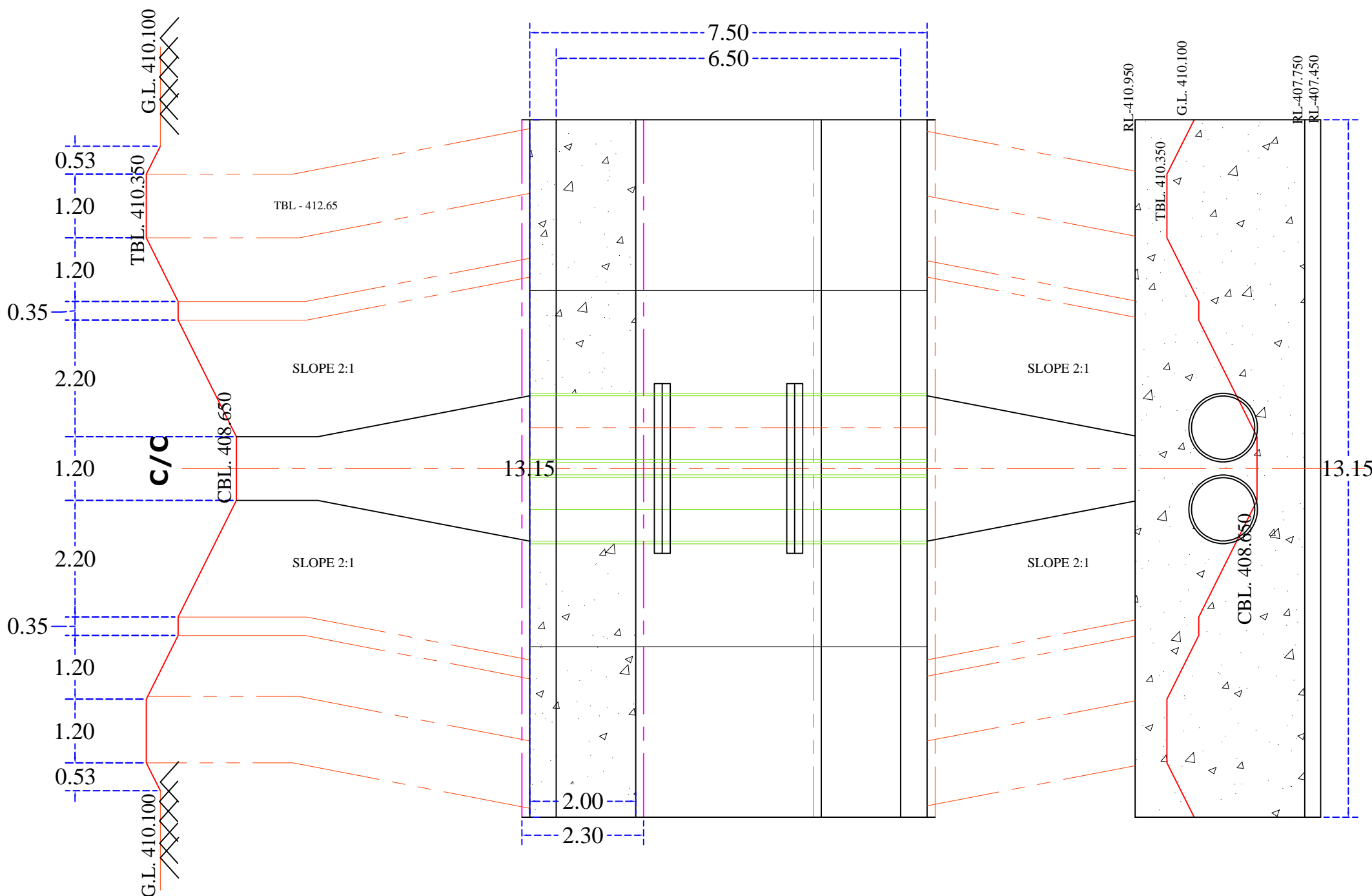
SUB ENGINEER

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DIVISION 1  
KANKER

GOVT. OF CHHATISGARH  
WATER RESOURCES DEPARTMENT

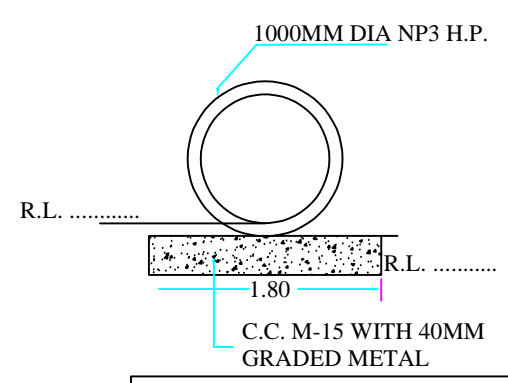
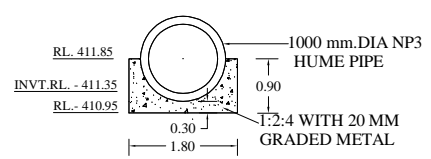
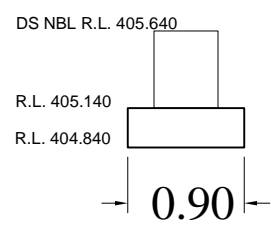
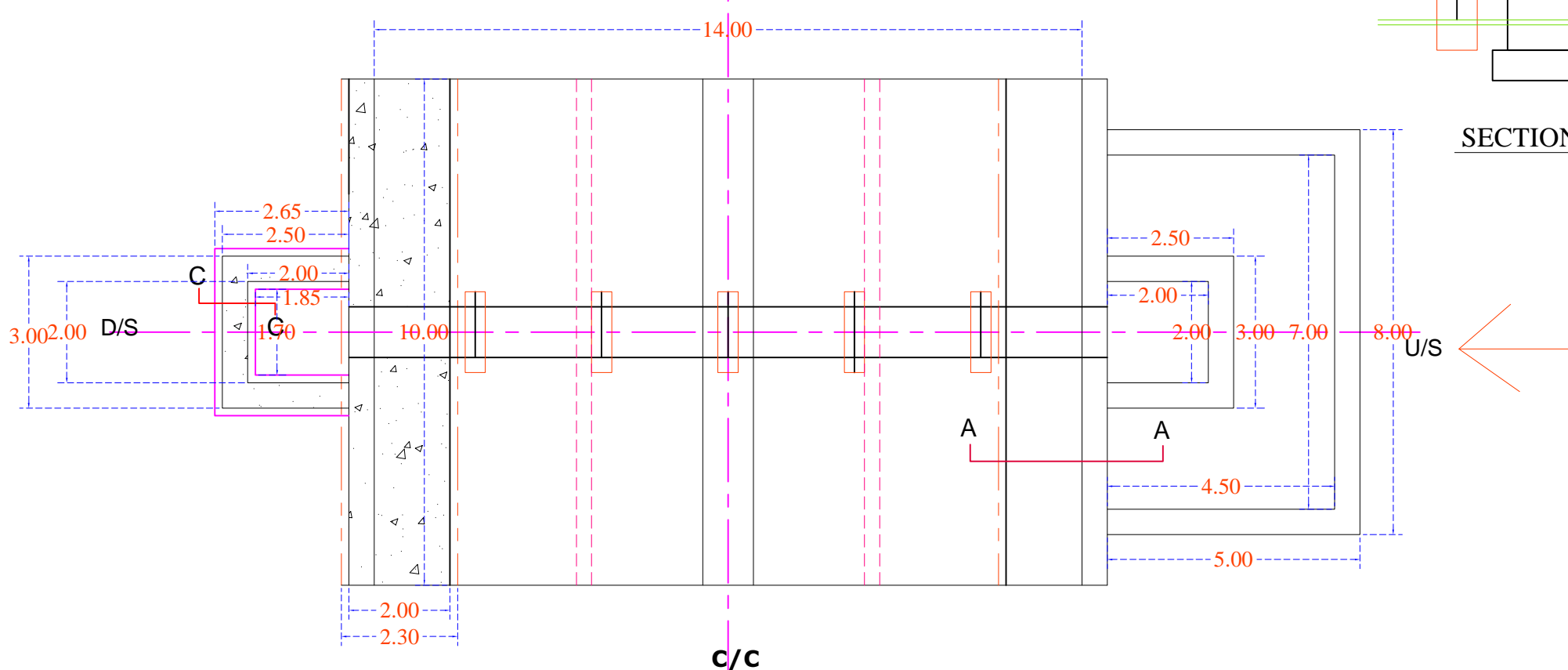
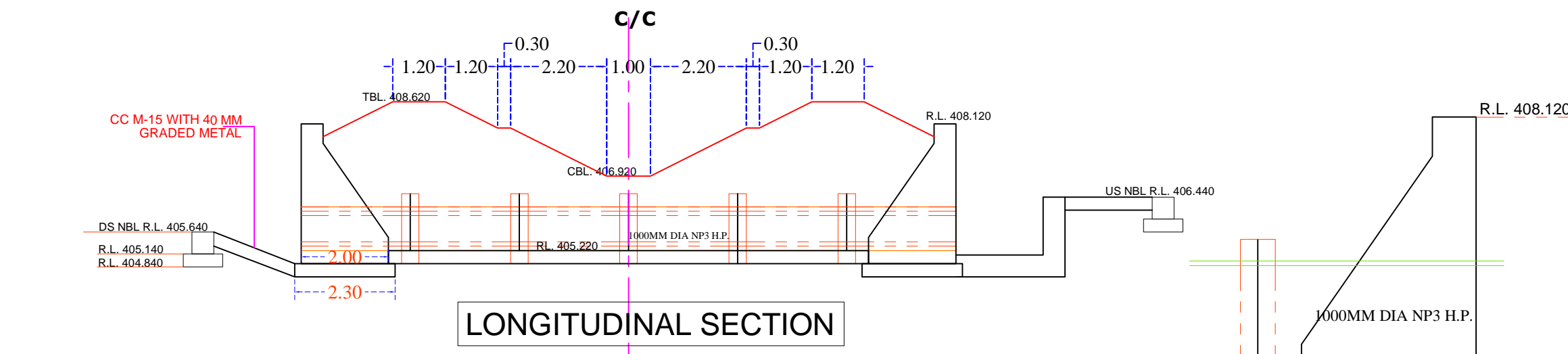
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
DRAWING OF V.R.B. AT RD. - 3900 M. OF MAIN CANAL

DRAWN BY -	CHECKED BY -	CHECKED BY -
SUB ENGINEER	ASSISTANT ENGINEER WATER RESOURCES DN. KANKER (C.G.)	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY -	RECOMMENDED BY -	CHECKED BY -
SUB DIVISIONAL OFFICER WATER RESOURCES SUB DN.-1 KANKER (C.G.)	EXECUTIVE ENGINEER WATER RESOURCES DN. KANKER (C.G.)	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SCALE -	APPROVED BY -	
DRG. NO.	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)	

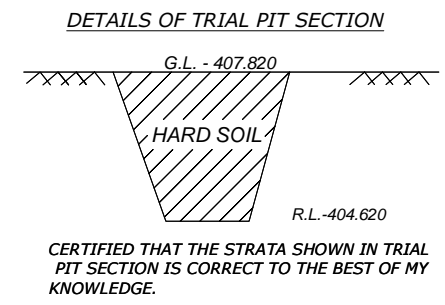


HALF TOP & HALF BOTTOM PLAN

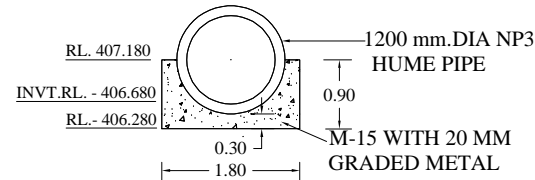
SECTION AT BCDE



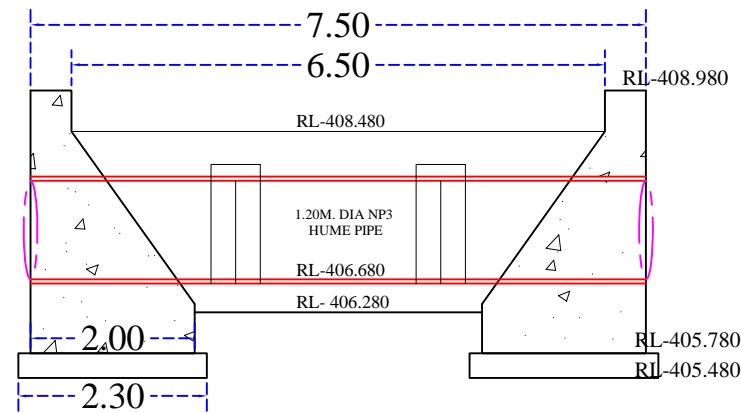
CANAL DATA :-	
FULL SUPPLY DISCHARGE	- 1.30 CUMECs.
FULL SUPPLY DEPTH	- 0.80 METER
FREE BOARD	- 0.30 METER
SIDE SLOPES	- 1.5 : 1
TOP BANK WIDTH (L/S)	- 1.20 METER
(R/S)	- 1.20 METER
CANAL BED WIDTH	- 1.20 METER
VELOCITY	- 0.61 M/SEC.
BED GRADE	- 1 IN 3000
GROUND LEVEL	- 410.220
CANAL BED LEVEL	- 408.720
FULL SUPPLY LEVEL	- 409.520
TOP BANK OF LEVEL	- 410.420
NATURE OF SOIL	- H.S.+ H/M
VALUE OF "N"	- 0.0225
NALA DATA :-	
CATCHMENT AREA	- 124 Hact.
H.F.L.	- 423.600
N.B.L.	- 410.220
BED GRADE	- 1 : 250



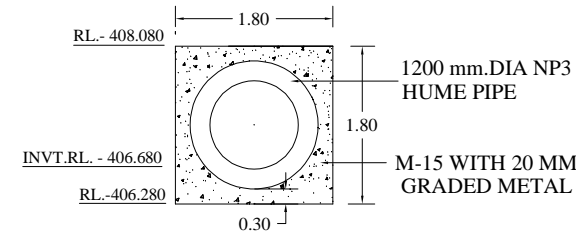
GOVERNMENT OF CHHATTISGARH WATER RESOURCES DIVISION, GARIABAND CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE DRAINAGE CROSSING AT R.D. 9090.00 M OF MAIN CANAL	
DRAWN BY:  SUB ENGINEER	CHECKED BY :-  ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :  SUB DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	CHECKED BY :  EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-  ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	APPROVED BY :-  SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-  EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. KANKER ( C.G.)	
DRAWING NO.	



SECTION AT B-B



SECTIONAL ELEVATION AT X-X



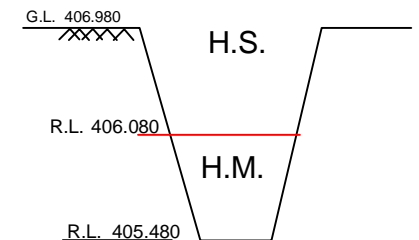
SECTION AT JOINT(A-A)

S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	1.124 Cumecs
2.	VELOCITY (V)	0.59 M/SEC.
3.	BED WIDTH	1.00 M.
4.	F.S.D.	0.80 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	406.680 M.
7.	FULL SUPPLY LEVEL	407.480 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	406.980 M.
12.	TOP BANK LEVEL	408.380 M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

V.R.B. DETAILS:-

1.	TYPE OF V.R.B.	RCC HUME PIPE
2.	OVERALL ROADWAY	7.50M.
3.	CLEAR ROADWAY	6.60M.
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	3 NOS.IN TWO ROW
6.	FORMATION LEVEL	408.480 M.

DETAILS OF TRIAL PIT SECTION



CERTIFICATE :-  
CERTIFIED THAT THE STRATA AND LEVELS SHOWN  
IN THIS TRIAL PIT SECTION IS CORRECT.

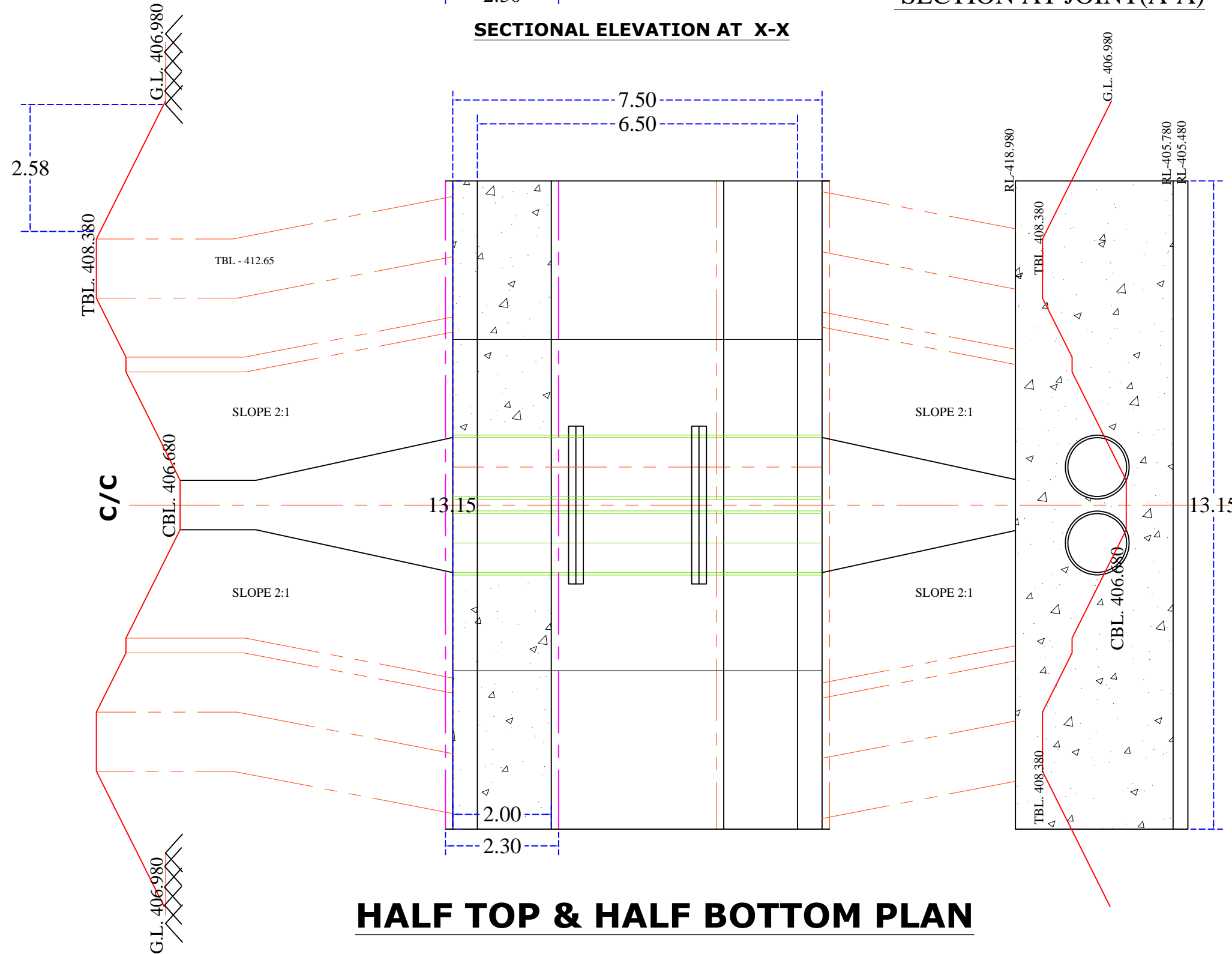
SUB ENGINEER

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DIVISION 1  
KANKER

GOVT. OF CHHATISGARH  
WATER RESOURCES DEPARTMENT

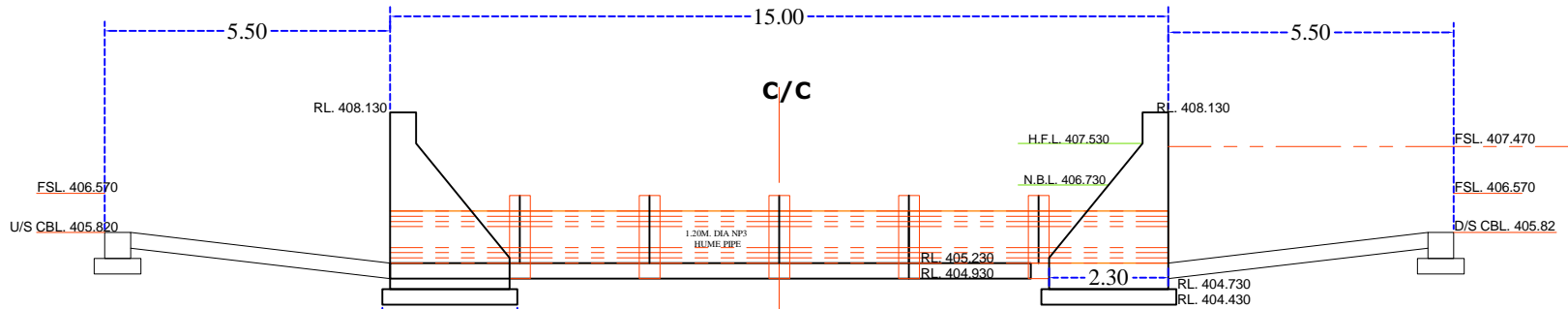
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
DRAWING OF V.R.B. AT RD. - 9810 M. OF MAIN CANAL

DRAWN BY -  SUB ENGINEER	CHECKED BY -  ASSISTANT ENGINEER WATER RESOURCES DN. KANKER (C.G.)	CHECKED BY -  ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY -  SUB DIVISIONAL OFFICER WATER RESOURCES SUB DN.-1 KANKER (C.G.)	RECOMMENDED BY -  EXECUTIVE ENGINEER WATER RESOURCES DN. KANKER (C.G.)	CHECKED BY -  EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SCALE -	APPROVED BY -  SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)	
DRG. NO.		



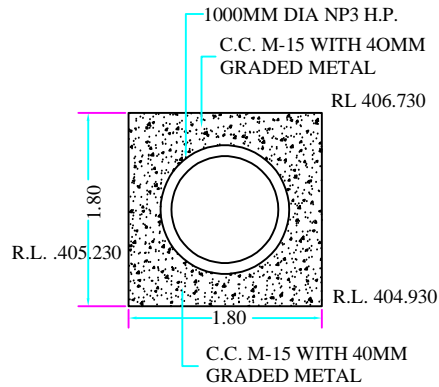
HALF TOP & HALF BOTTOM PLAN

SECTION AT BCDE



LONGITUDINAL SECTION

D/S

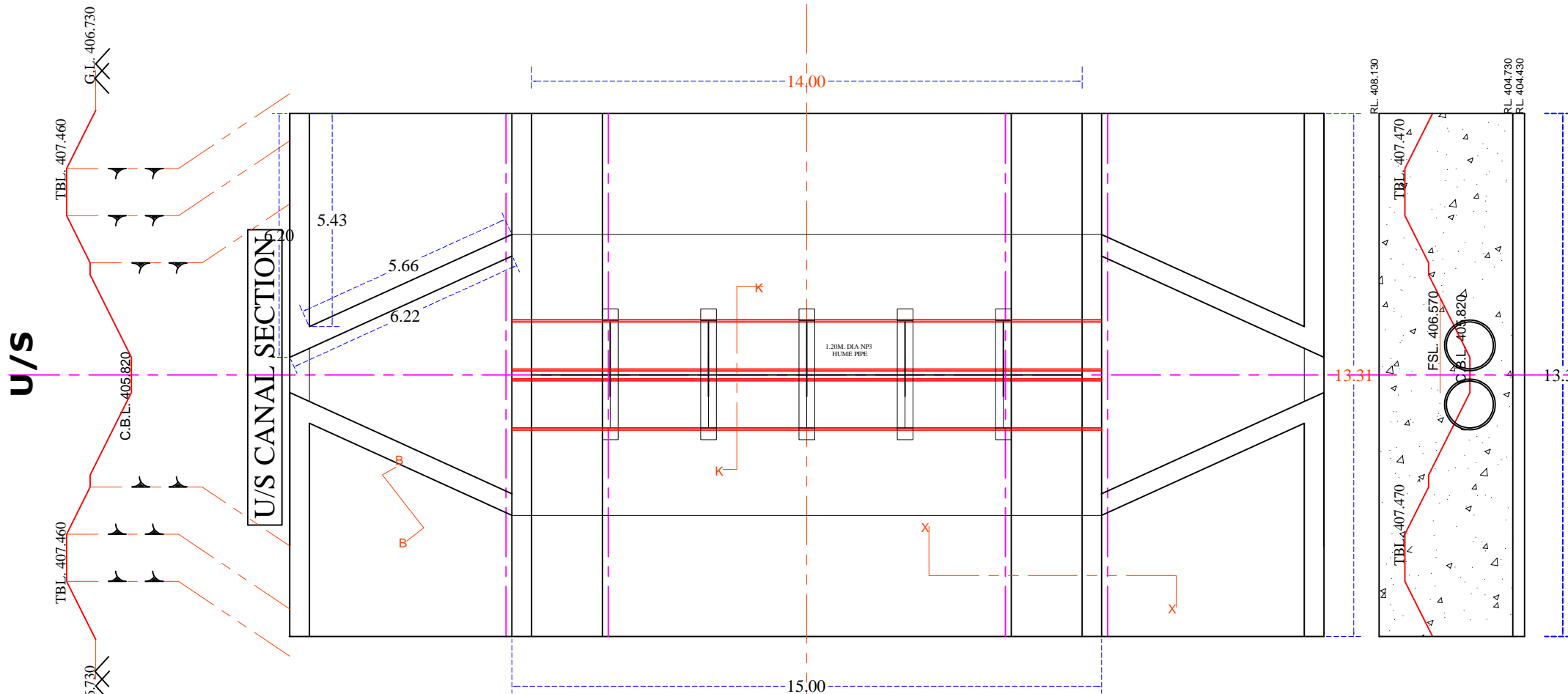


SECTION AT H H

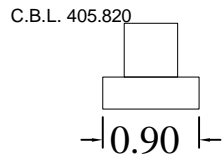
(SCALE 1:50)

S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	0.979 Cumecs
2.	VELOCITY (V)	0.59 M/SEC.
3.	BED WIDTH	0.90 M.
4.	F.S.D.	0.75 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	405.820 M.
7.	FULL SUPPLY LEVEL	406.570 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	406.73 M.
12.	TOP BANK LEVEL	407.460 M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

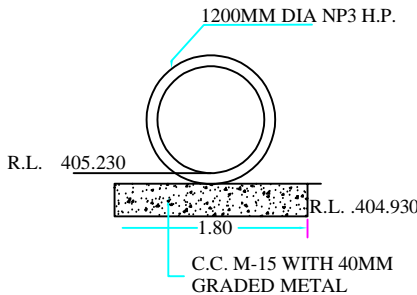
DRAINAGE DETAILS:-		
1.	CATCHMENT AREA	92.00 HACTARE
2.	H.F.L.	407.530
3.	N.B.L.	406.730
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	6 NOS.IN TWO ROW



HALF TOP AND HALF BOTTOM PLAN



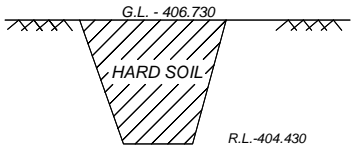
SECTION AT B-B



SECTION AT K K

(SCALE 1:50)

DETAILS OF TRIAL PIT SECTION



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

SUB ENGINEER

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DN-1  
KANKER (C.G.)

GOVERNMENT OF CHHATTISGARH  
WATER RESOURCES DIVISION, GARIABAND  
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
CANAL SYPHON AT R.D. 12390.00 M OF MAIN CANAL

DRAWN BY:-

SUB ENGINEER

SUBMITTED BY :-

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DIVISION 1  
KANKER

CHECKED BY :-

ASSISTANT ENGINEER(D)  
WATER RESOURCES DIVISION  
KANKER ( C.G.)

RECOMMENDED BY:-

EXECUTIVE ENGINEER  
WATER RESOURCES DIVISION, KANKER  
DISTT. KANKER ( C.G.)

DRAWING NO.

CHECKED BY :-

ASSISTANT ENGINEER (D.)  
BASTAR WATER RESOURCE CIRCLE,  
JAGDALPUR, DISTT. JAGDALPUR ( C.G.)

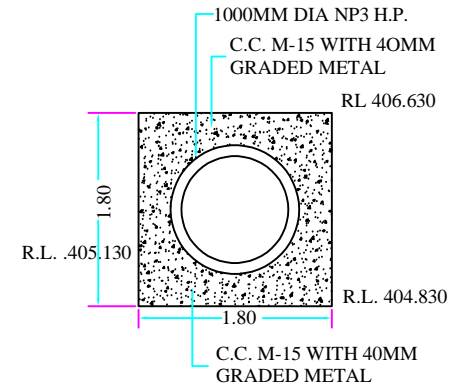
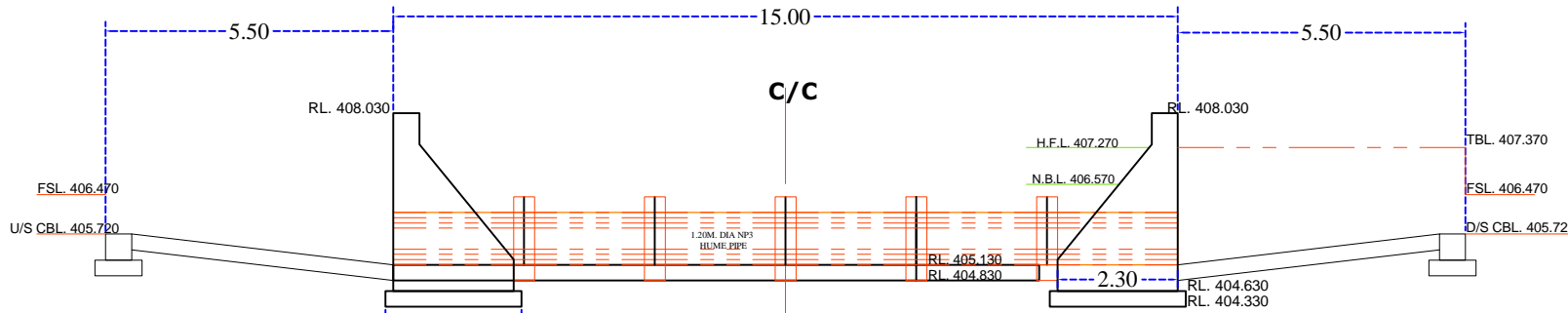
CHECKED BY :

EXECUTIVE ENGINEER (D.)  
BASTAR WATER RESOURCE CIRCLE,  
JAGDALPUR, DISTT. JAGDALPUR ( C.G.)

APPROVED BY :-

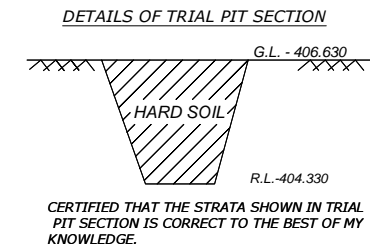
SUPERINTENDING ENGINEER  
BASTAR WATER RESOURCE CIRCLE,  
JAGDALPUR, DISTT. JAGDALPUR ( C.G.)





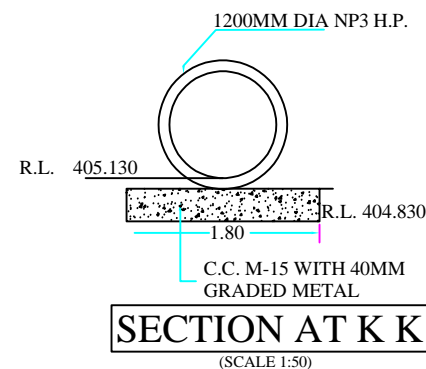
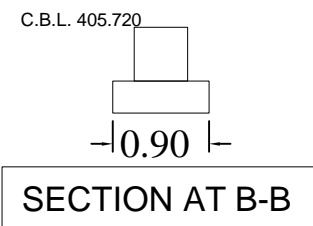
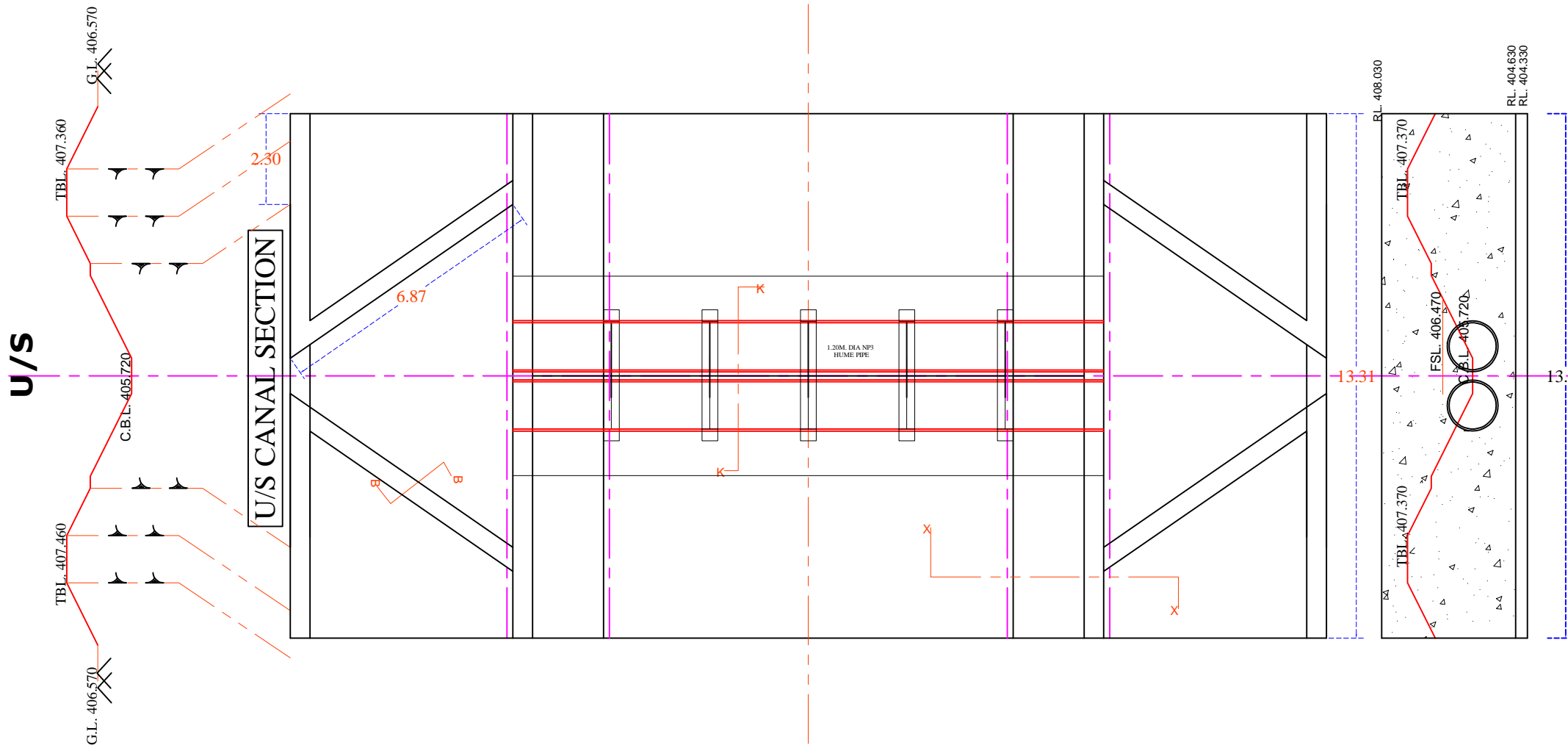
S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	0.979 Cumecs
2.	VELOCITY (V)	0.59 M/SEC.
3.	BED WIDTH	0.90 M.
4.	F.S.D.	0.75 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	405.720 M.
7.	FULL SUPPLY LEVEL	406.470 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	406.57 M.
12.	TOP BANK LEVEL	407.360 M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

DRAINAGE DETAILS:-		
1.	CATCHMENT AREA	92.00 HACTARE
2.	H.F.L.	407.270
3.	N.B.L.	406.570
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	6 NOS.IN TWO ROW

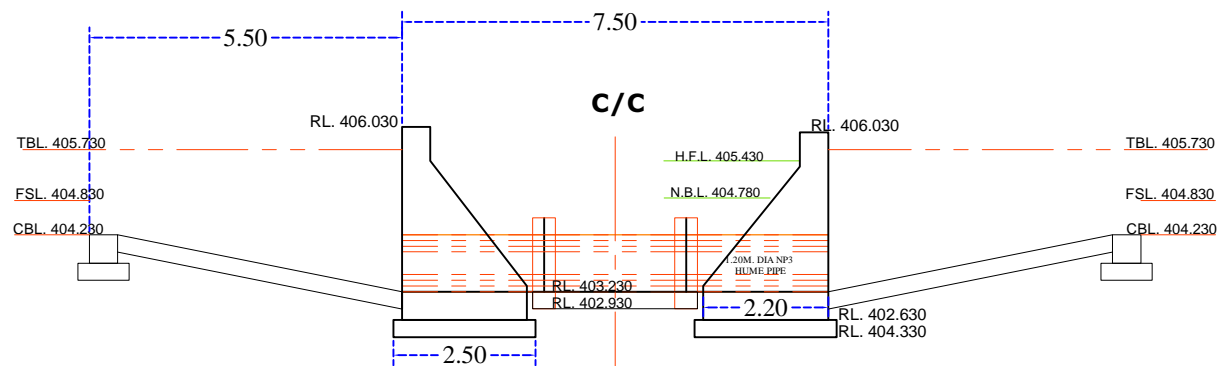


SUB ENGINEER

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DN-1  
KANKER (C.G.)

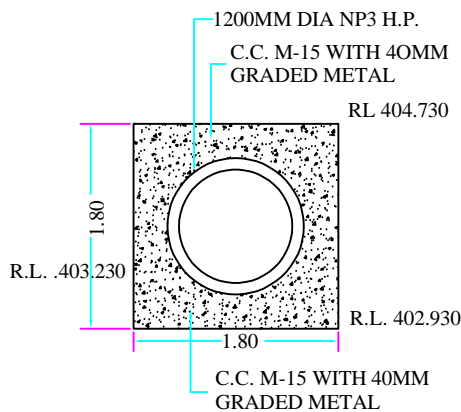


GOVERNMENT OF CHHATTISGARH WATER RESOURCES DIVISION, GARIABAND CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE CANAL SYPHON AT R.D. 12690.00 M OF MAIN CANAL	
DRAWN BY:	CHECKED BY :-
SUB ENGINEER	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :	CHECKED BY :
SUB DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-	APPROVED BY :-
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-	
EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. KANKER ( C.G.)	
DRAWING NO.	



LONGITUDINAL SECTION

D/S

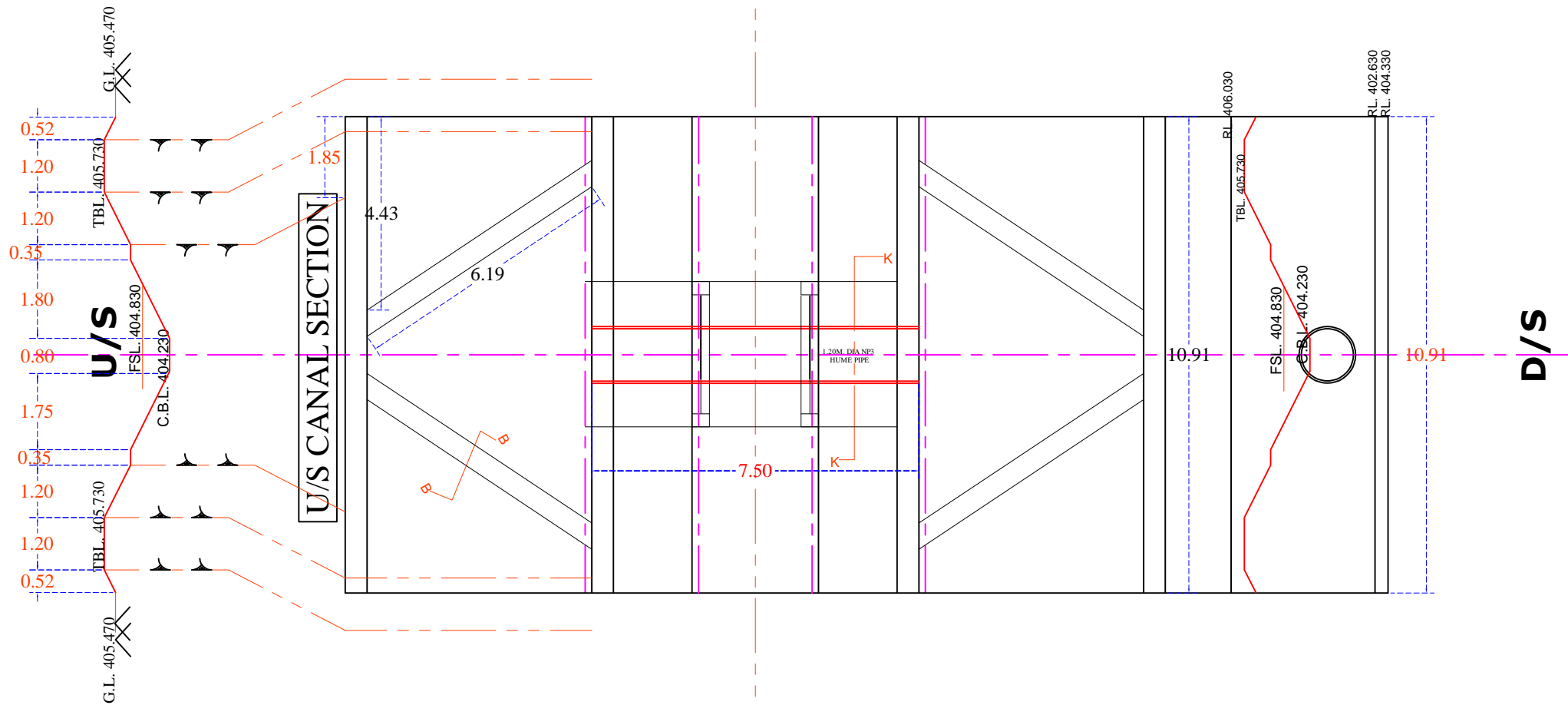


SECTION AT H H

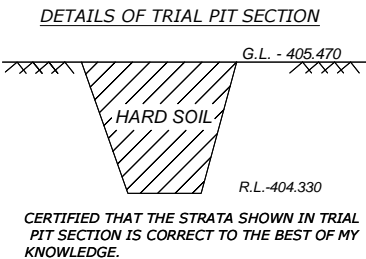
(SCALE 1:50)

S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	0.572 Cumecs
2.	VELOCITY (V)	0.49 M/SEC.
3.	BED WIDTH	0.75 M.
4.	F.S.D.	0.60 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	404.230 M.
7.	FULL SUPPLY LEVEL	404.830 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	405.47 M.
12.	TOP BANK LEVEL	405.730 M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

DRAINAGE DETAILS:-		
1.	CATCHMENT AREA	17.00 HACTARE
2.	H.F.L.	405.430
3.	N.B.L.	404.780
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	3 NOS.IN ONE ROW

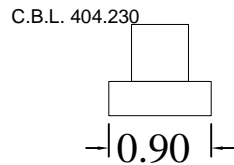


U/S CANAL SECTION



SUB ENGINEER

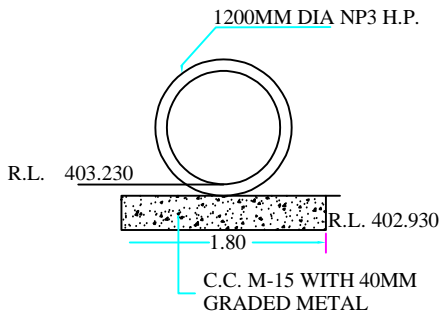
SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DN-1  
KANKER (C.G.)



SECTION AT B-B



HALF TOP AND HALF BOTTOM PLAN

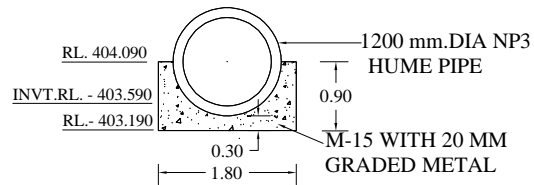


SECTION AT K K

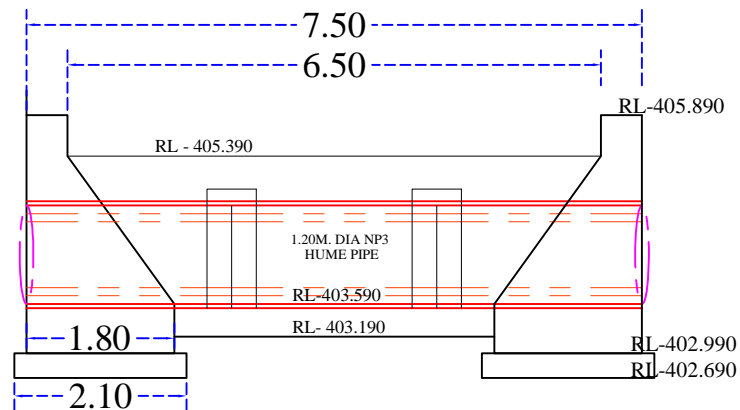
(SCALE 1:50)

GOVERNMENT OF CHHATTISGARH  
WATER RESOURCES DIVISION, GARIABAND  
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
CANAL SYPHON AT R.D. 17100.00 M OF MAIN CANAL

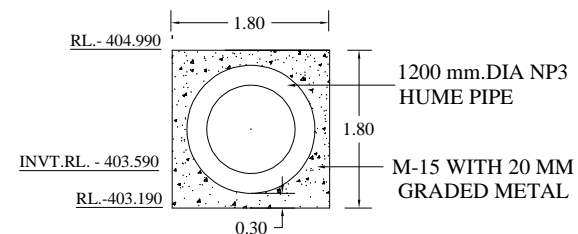
DRAWN BY:	CHECKED BY :-
SUB ENGINEER	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :	CHECKED BY :
SUB DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-	APPROVED BY :-
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-	
EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. KANKER ( C.G.)	
DRAWING NO.	



SECTION AT B-B



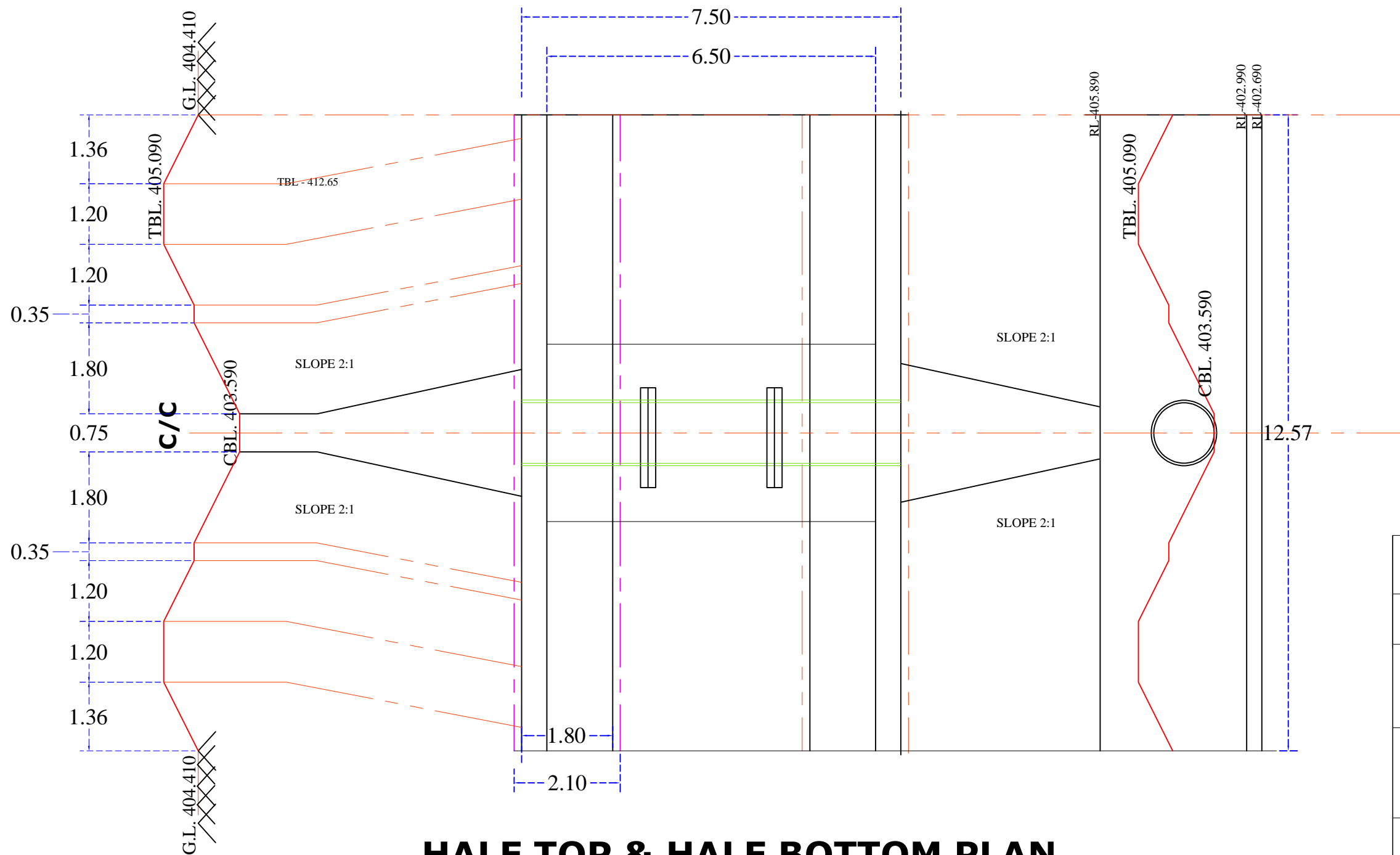
SECTIONAL ELEVATION AT X-X



SECTION AT JOINT(A-A)

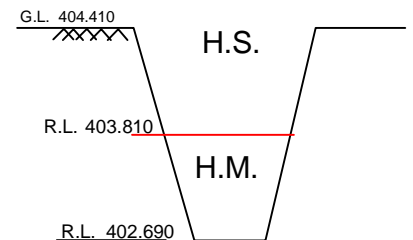
S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	0.572 Cumecs
2.	VELOCITY (V)	0.49 M/SEC.
3.	BED WIDTH	0.75 M.
4.	F.S.D.	0.60 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	403.590 M.
7.	FULL SUPPLY LEVEL	404.190 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	404.410 M.
12.	TOP BANK LEVEL	405.090 M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

V.R.B. DETAILS:-		
1.	TYPE OF V.R.B.	RCC HUME PIPE
2.	OVERALL ROADWAY	7.50M.
3.	CLEAR ROADWAY	6.60M.
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	3 NOS.IN ONE ROW
6.	FORMATION LEVEL	405.390 M.



HALF TOP & HALF BOTTOM PLAN

DETAILS OF TRIAL PIT SECTION



CERTIFICATE :-  
CERTIFIED THAT THE STRATA AND LEVELS SHOWN  
IN THIS TRIAL PIT SECTION IS CORRECT.

SUB ENGINEER

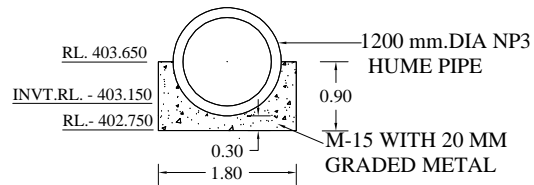
SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DIVISION 1  
KANKER

GOVT. OF CHHATISGARH  
WATER RESOURCES DEPARTMENT

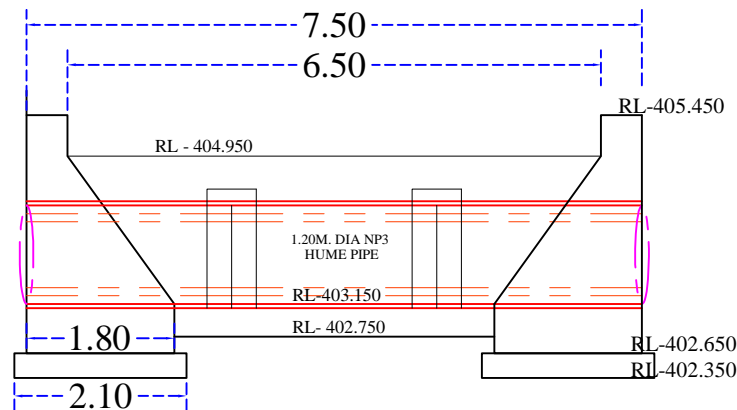
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
DRAWING OF V.R.B. AT RD. - 19020 M. OF MAIN CANAL

DRAWN BY -  SUB ENGINEER	CHECKED BY -  ASSISTANT ENGINEER WATER RESOURCES DN. KANKER (C.G.)	CHECKED BY -  ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY -  SUB DIVISIONAL OFFICER WATER RESOURCES SUB DN.-1 KANKER (C.G.)	RECOMMENDED BY -  EXECUTIVE ENGINEER WATER RESOURCES DN. KANKER (C.G.)	CHECKED BY -  EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SCALE -	APPROVED BY -  SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)	
DRG. NO.		

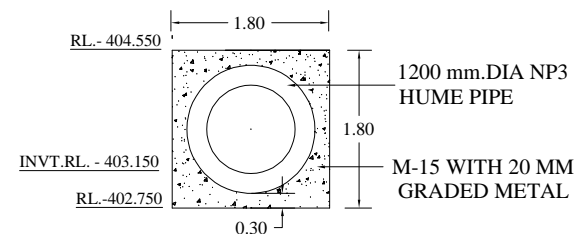




SECTION AT B-B



SECTIONAL ELEVATION AT X-X



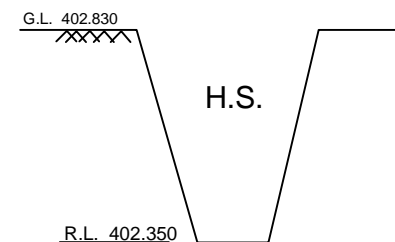
SECTION AT JOINT(A-A)

S.No.	PARTICULARS	CANAL DETAILS
1.	DISCHARGE (Q)	0.572 Cumecs
2.	VELOCITY (V)	0.49 M/SEC.
3.	BED WIDTH	0.75 M.
4.	F.S.D.	0.60 M.
5.	FREE BOARD	0.30 M.
6.	CANAL BED LEVEL	403.150 M.
7.	FULL SUPPLY LEVEL	403.750 M.
8.	BED GRADE	1 IN 3000
9.	VALUE OF 'N'	0.0225
10.	TOP WIDTH OF BANK R/L	1.20 M./1.20 M.
11.	GROUND LEVEL	402.830 M.
12.	TOP BANK LEVEL	404.650M.
13.	SIDE SLOPE (INNER/OUTER)	2:1 / 2:1

V.R.B. DETAILS:-

1.	TYPE OF V.R.B.	RCC HUME PIPE
2.	OVERALL ROADWAY	7.50M.
3.	CLEAR ROADWAY	6.60M.
4.	SIZE OF PIPE	1200 mm.DIA NP3
5.	NOS. OF PIPE	3 NOS.IN ONE ROW
6.	FORMATION LEVEL	404.950 M.

DETAILS OF TRIAL PIT SECTION



CERTIFICATE :-  
CERTIFIED THAT THE STRATA AND LEVELS SHOWN  
IN THIS TRIAL PIT SECTION IS CORRECT.

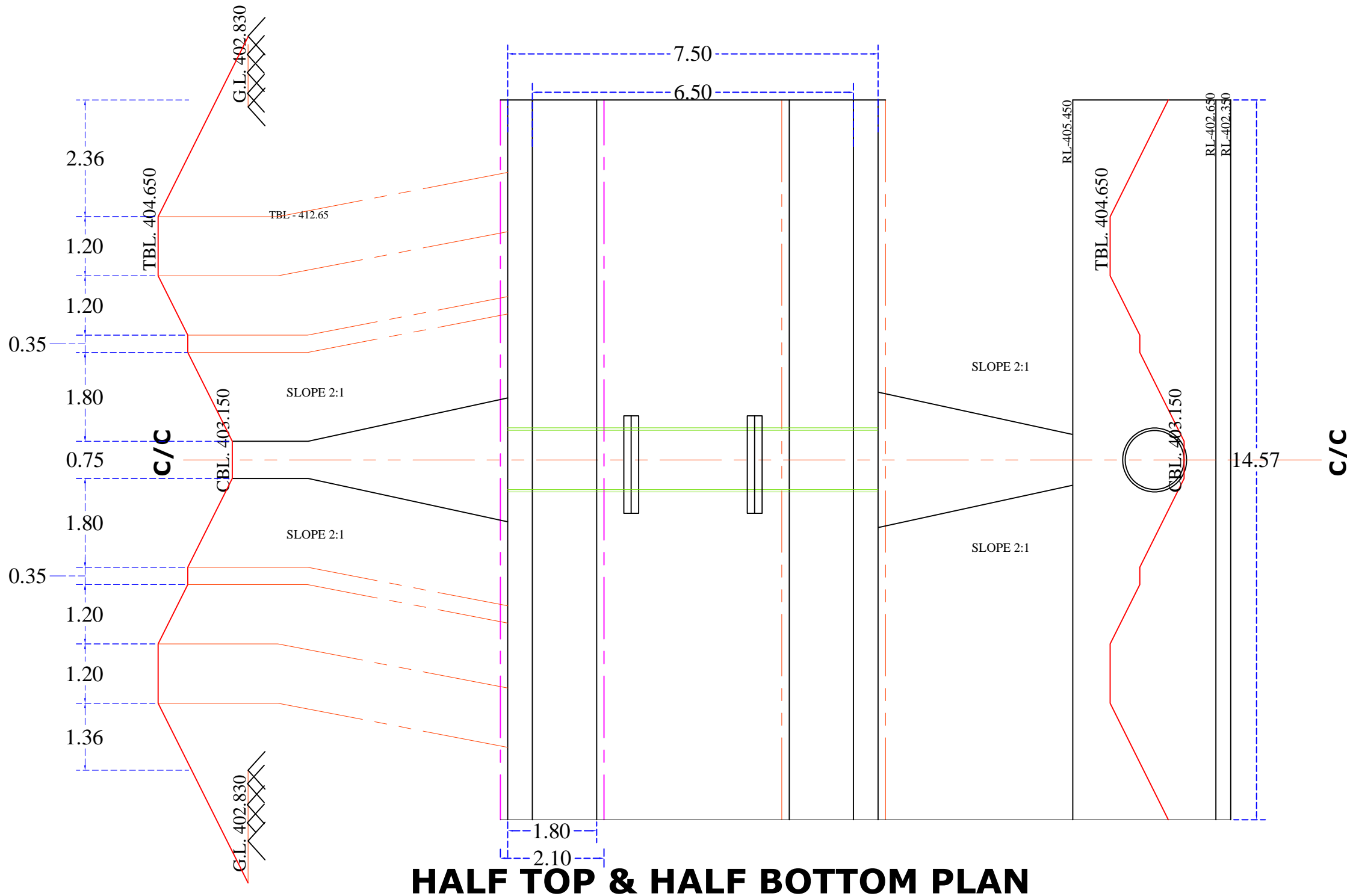
SUB ENGINEER

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DIVISION 1  
KANKER

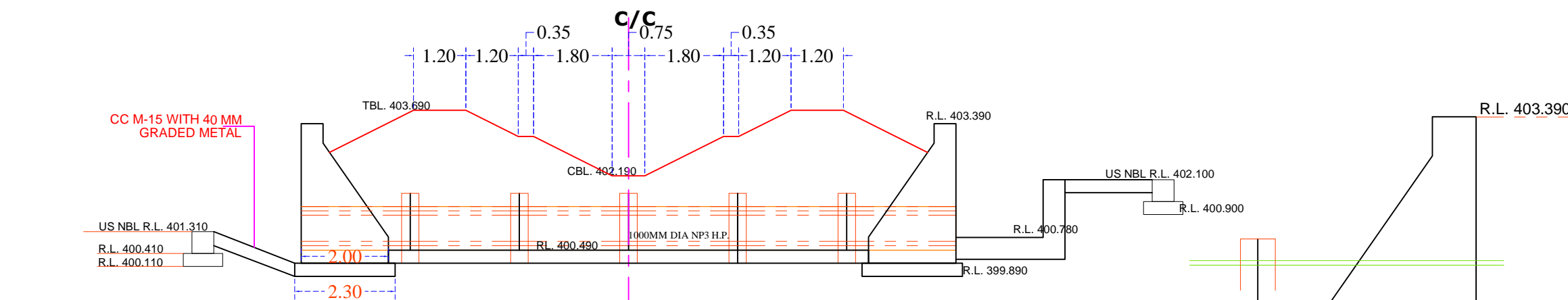
GOVT. OF CHHATISGARH  
WATER RESOURCES DEPARTMENT

CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
DRAWING OF V.R.B. AT RD. - 20370 M. OF MAIN CANAL

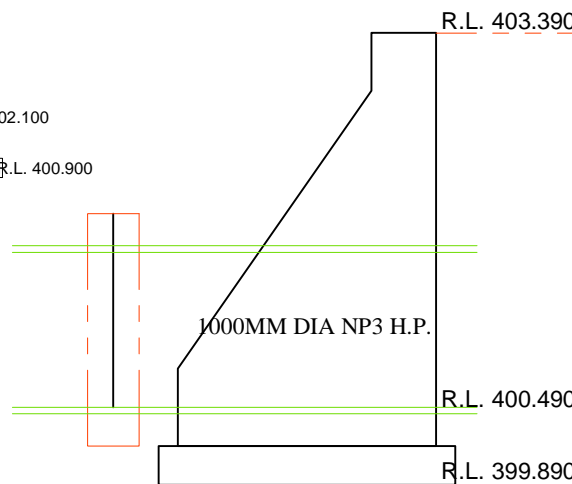
DRAWN BY -  SUB ENGINEER	CHECKED BY -  ASSISTANT ENGINEER WATER RESOURCES DN. KANKER (C.G.)	CHECKED BY -  ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY -  SUB DIVISIONAL OFFICER WATER RESOURCES SUB DN.-1 KANKER (C.G.)	RECOMMENDED BY -  EXECUTIVE ENGINEER WATER RESOURCES DN. KANKER (C.G.)	CHECKED BY -  EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SCALE -	APPROVED BY -  SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)	
DRG. NO.		



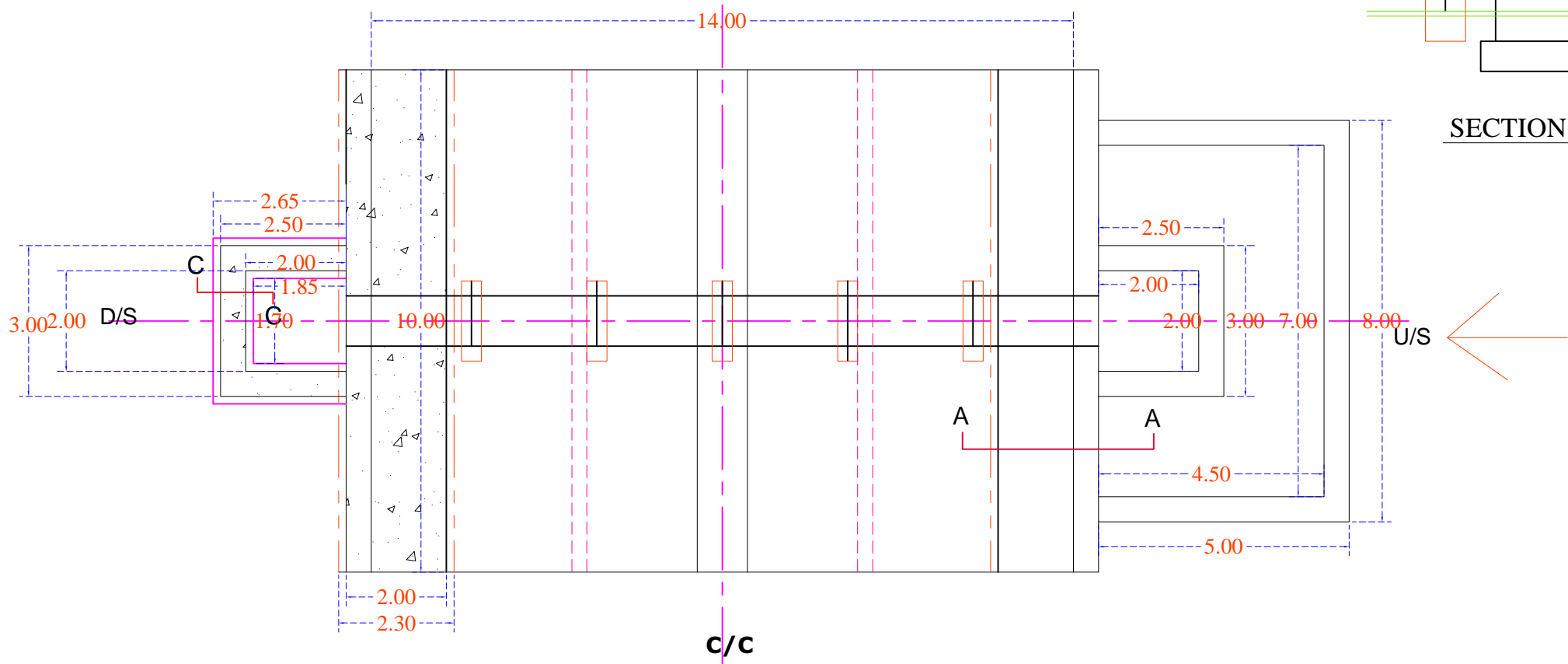
HALF TOP & HALF BOTTOM PLAN



LONGITUDINAL SECTION



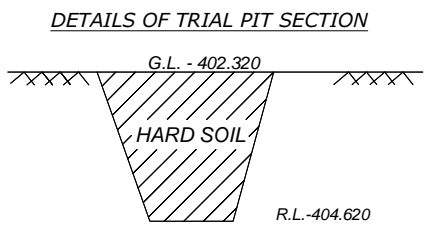
SECTION AT JOINT(A-A)



HALF TOP AND HALF BOTTOM PLAN

CANAL DATA :-

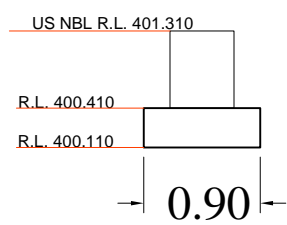
FULL SUPPLY DISCHARGE	-	0.572 CUMECs.
FULL SUPPLY DEPTH	-	0.60 METER
FREE BOARD	-	0.30 METER
SIDE SLOPES	-	1.5 : 1
TOP BANK WIDTH (L/S)	-	1.20 METER
(R/S)	-	1.20 METER
CANAL BED WIDTH	-	1.20 METER
VELOCITY	-	0.59 M/SEC.
BED GRADE	-	1 IN 3000
GROUND LEVEL	-	402.320
CANAL BED LEVEL	-	402.190
FULL SUPPLY LEVEL	-	402.790
TOP BANK OF LEVEL	-	403.690
NATURE OF SOIL	-	H.S.+ H/M
VALUE OF "N"	-	0.0225
NALA DATA :-		
CATCHMENT AREA	-	65 Hact.
H.F.L.	-	402.400
N.B.L.	-	402.100
BED GRADE	-	1 : 250



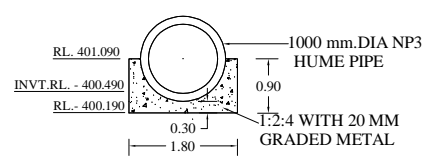
CERTIFIED THAT THE STRATA SHOWN IN TRIAL PIT SECTION IS CORRECT TO THE BEST OF MY KNOWLEDGE.

SUB ENGINEER

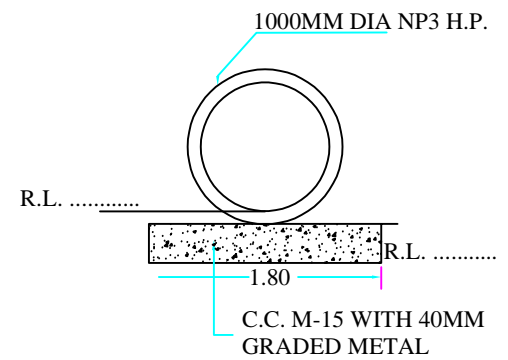
SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DN-1  
KANKER (C.G.)



SECTION AT C-C



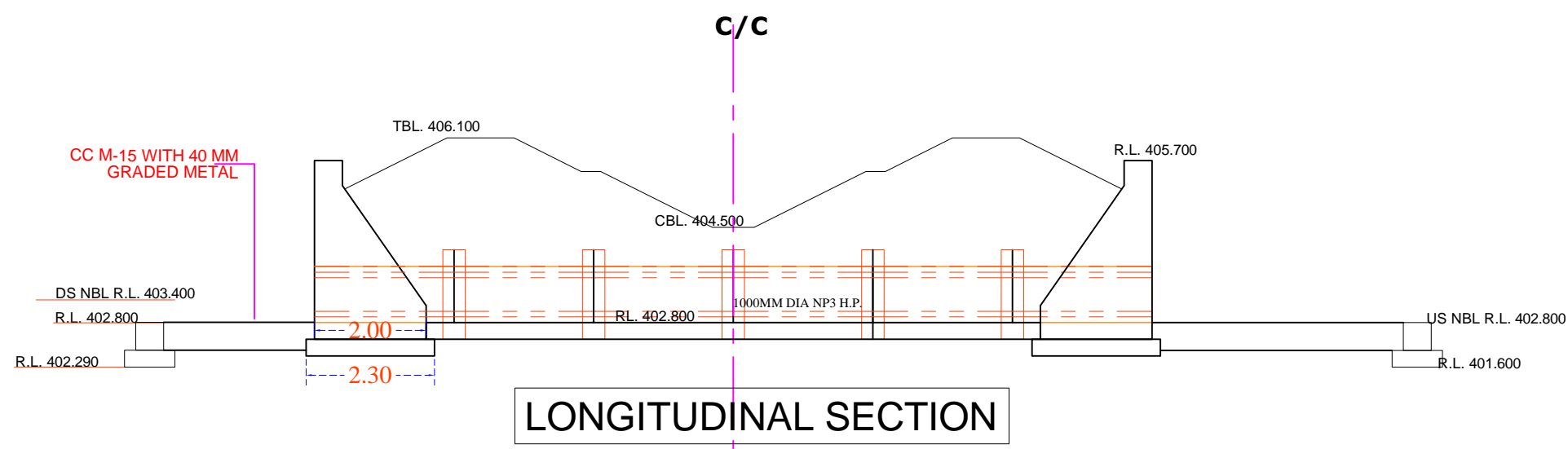
SECTION AT B-B



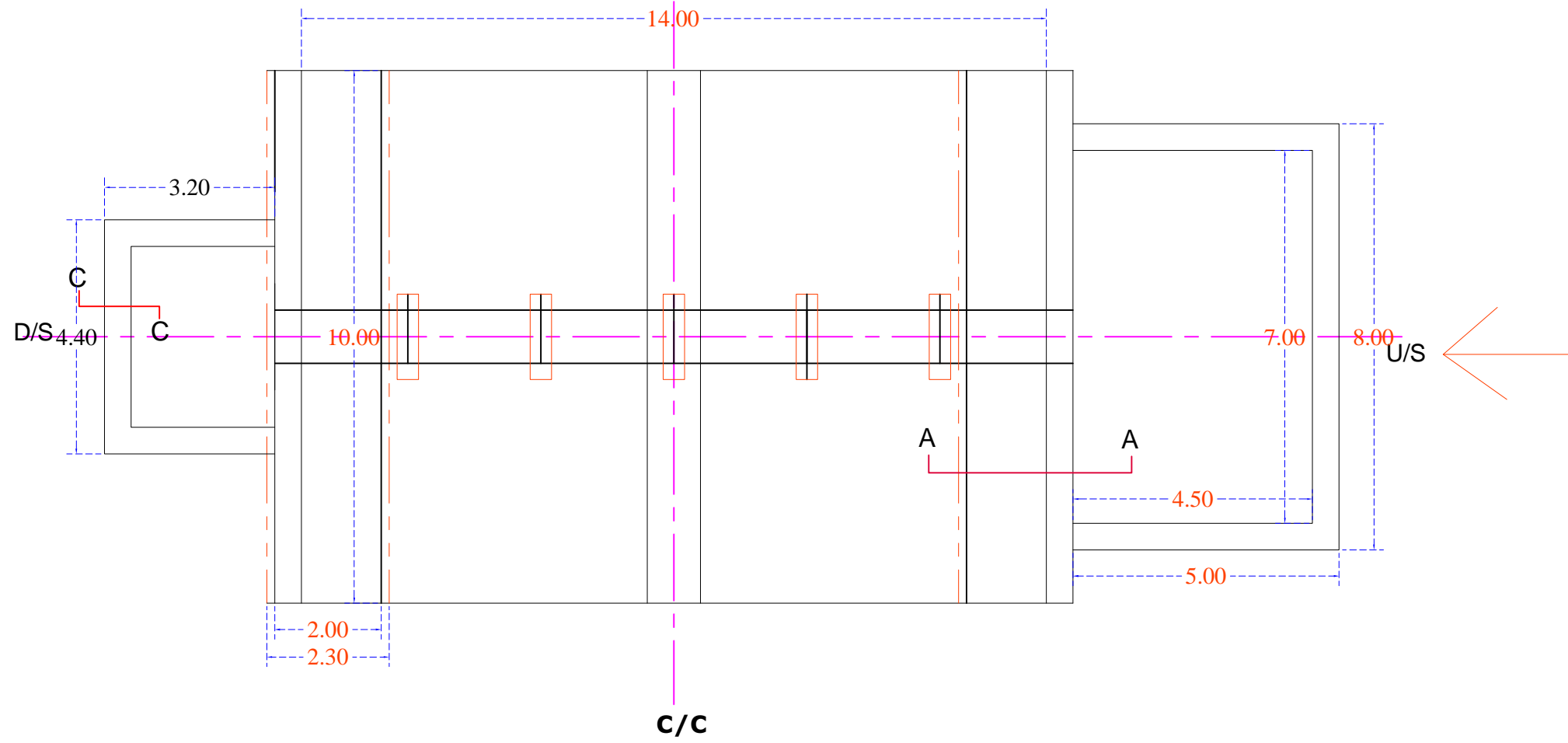
SECTION AT K K  
(SCALE 1:50)

GOVERNMENT OF CHHATTISGARH  
WATER RESOURCES DIVISION, GARIABAND  
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
DRAINAGE CROSSING AT R.D. 23220.00 M OF MAIN CANAL

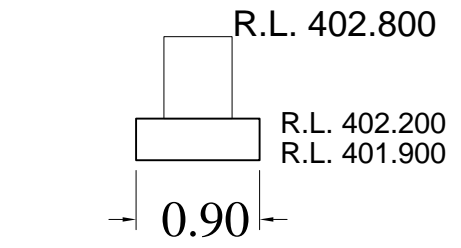
DRAWN BY:	CHECKED BY :-
SUB ENGINEER	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :	CHECKED BY :
SUB DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-	APPROVED BY :-
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-	
EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. KANKER ( C.G.)	
DRAWING NO.	



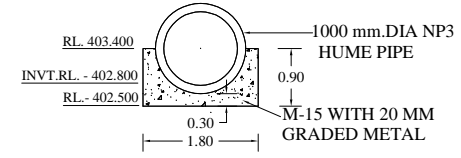
LONGITUDINAL SECTION



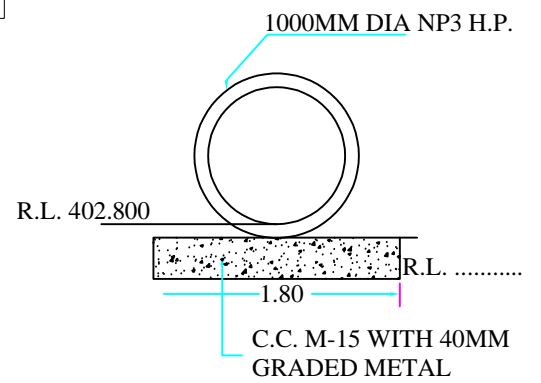
HALF TOP AND HALF BOTTOM PLAN



SECTION AT C-C



SECTION AT B-B



SECTION AT K K

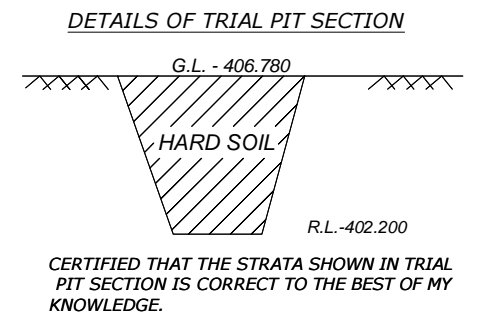
(SCALE 1:50)

CANAL DATA :-

FULL SUPPLY DISCHARGE	-	0.679 CUMECs.
FULL SUPPLY DEPTH	-	0.70 METER
FREE BOARD	-	0.30 METER
SIDE SLOPES	-	2 : 1
TOP BANK WIDTH (L/S)	-	1.20 METER
(R/S)	-	1.20 METER
CANAL BED WIDTH	-	0.75 METER
VELOCITY	-	0.539 M/S
BED GRADE	-	1 IN 3000
GROUND LEVEL	-	406.780
CANAL BED LEVEL	-	404.500
FULL SUPPLY LEVEL	-	405.200
TOP BANK OF LEVEL	-	406.100
NATURE OF SOIL	-	H.S.+ H/M
VALUE OF "N"	-	0.0225

NALA DATA :-

CATCHMENT AREA	-	17 Hact.
H.F.L.	-	403.400
N.B.L.	-	402.800
BED GRADE	-	1 : 250

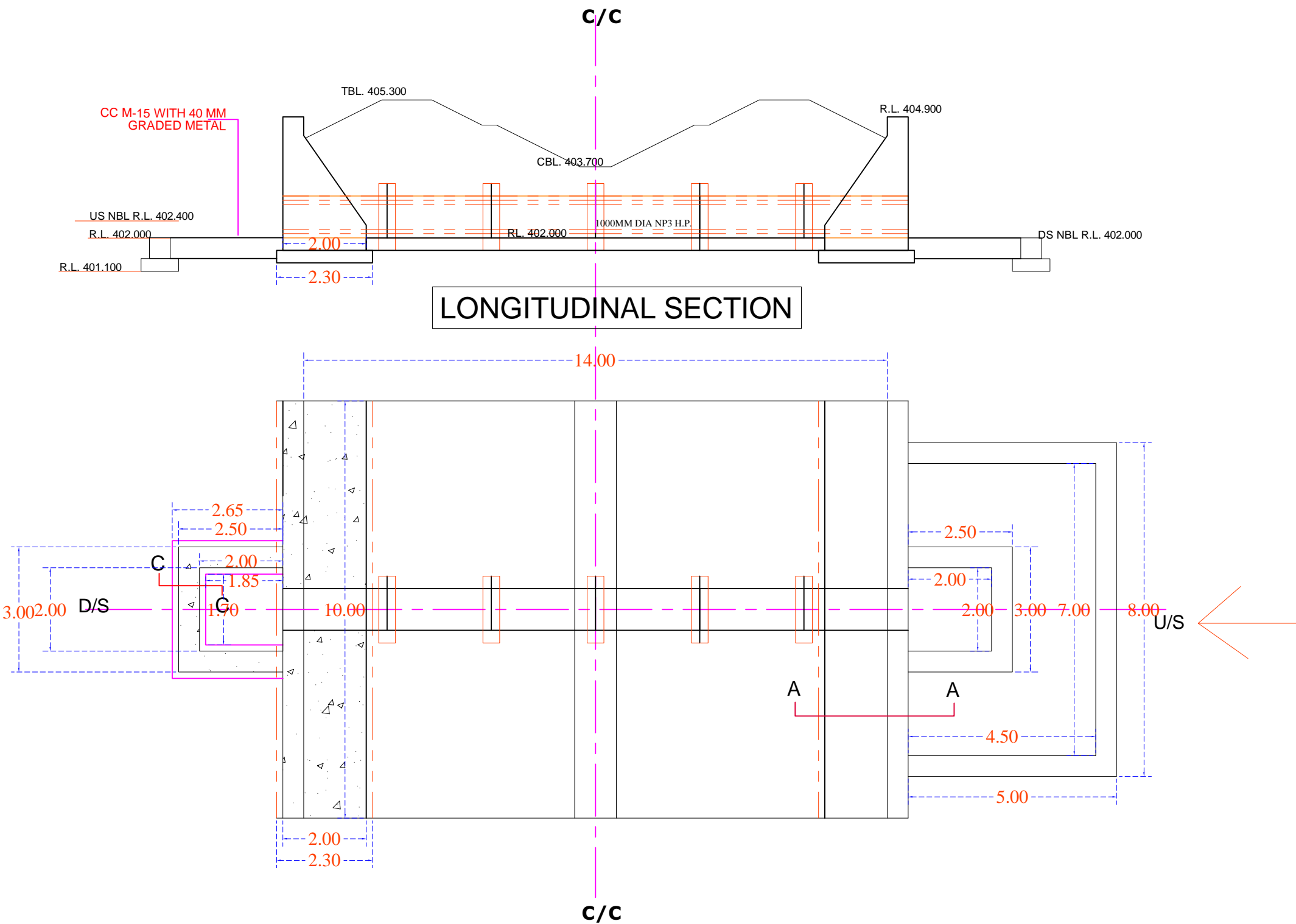


CERTIFIED THAT THE STRATA SHOWN IN TRIAL PIT SECTION IS CORRECT TO THE BEST OF MY KNOWLEDGE.

SUB ENGINEER  
SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DN-1  
KANKER (C.G.)

GOVERNMENT OF CHHATTISGARH  
WATER RESOURCES DIVISION, GARIABAND  
CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE  
RECONSTRUCTION OF DC AT RD 16290 M,

DRAWN BY:	CHECKED BY :-
SUB ENGINEER	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :	CHECKED BY :
SUB DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-	APPROVED BY :-
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-	
EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. KANKER ( C.G.)	
DRAWING NO.	



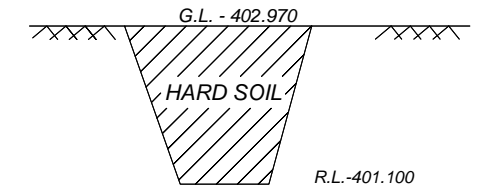
### CANAL DATA :-

FULL SUPPLY DISCHARGE	-	0.572 CUMecs.
FULL SUPPLY DEPTH	-	0.60 METER
FREE BOARD	-	0.30 METER
SIDE SLOPES	-	2 : 1
TOP BANK WIDTH (L/S)	-	1.20 METER
(R/S)	-	1.20 METER
CANAL BED WIDTH	-	0.75 METER
VELOCITY	-	0.494 M/S
BED GRADE	-	1 IN 3000
GROUND LEVEL	-	402.970
CANAL BED LEVEL	-	403.700
FULL SUPPLY LEVEL	-	404.300
TOP BANK OF LEVEL	-	405.300
NATURE OF SOIL	-	H.S.+ H/M
VALUE OF "N"	-	0.0225

### NALA DATA :-

CATCHMENT AREA	-	20 Hact.
H.F.L.	-	402.400
N.B.L.	-	402.000
BED GRADE	-	1 : 250

### DETAILS OF TRIAL PIT SECTION



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

SUB ENGINEER

SUB DIVISIONAL OFFICER  
WATER RESOURCES SUB DN-1  
KANKER (C.G.)

## GOVERNMENT OF CHHATTISGARH WATER RESOURCES DIVISION, GARIABAND CONSTRUCTION OF DUDHAWA RBC CANAL STRUCTURE RECONSTRUCTION OF DC AT RD 18690 M,

DRAWN BY:	CHECKED BY :-
SUB ENGINEER	ASSISTANT ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
SUBMITTED BY :	CHECKED BY :
SUB DIVISIONAL OFFICER WATER RESOURCES SUB DIVISION 1 KANKER	EXECUTIVE ENGINEER (D.) BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
CHECKED BY :-	APPROVED BY :-
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER ( C.G.)	SUPERINTENDING ENGINEER BASTAR WATER RESOURCE CIRCLE, JAGDALPUR, DISTT. JAGDALPUR ( C.G.)
RECOMMENDED BY:-	
EXECUTIVE ENGINEER WATER RESOURCES DIVISION, KANKER DISTT. KANKER ( C.G.)	
DRAWING NO.	

