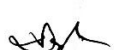


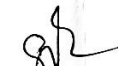



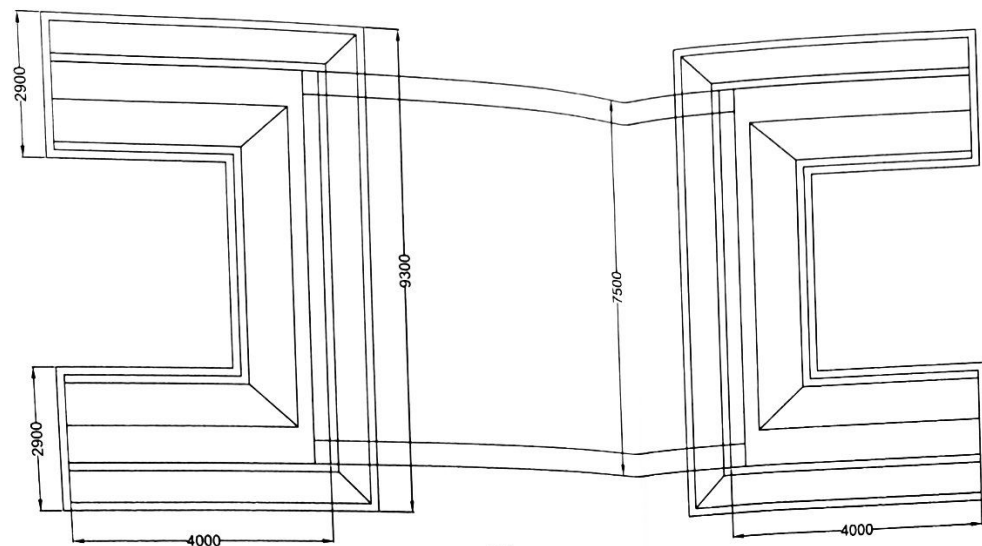
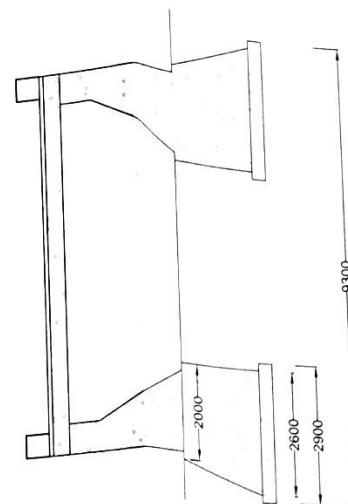


All Dimensions are in "MM" unless otherwise specified

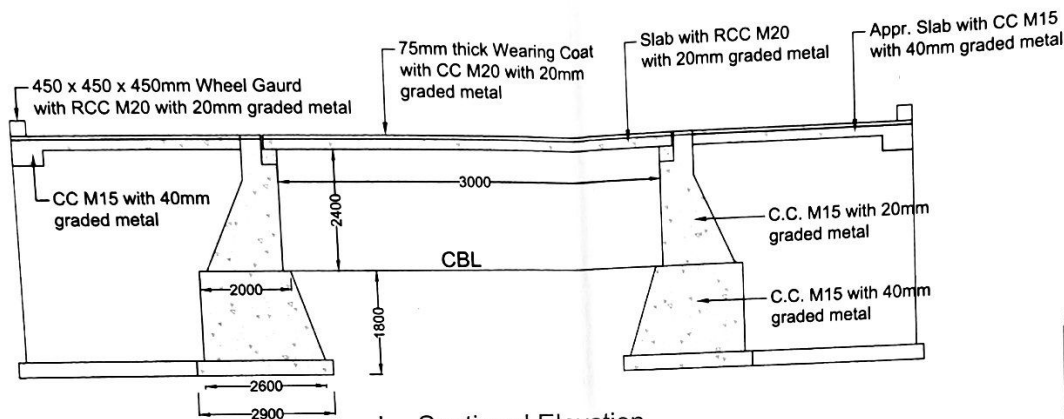
GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur		
Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
Drawing of C.C. Channel		
Drawn By:	Checked By:	Submitted By:
 Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	 Sub Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	 Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By:	Checked By:	Recommended By:
 Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	 Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	 Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By:	Checked By:	Approved By:
Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	 Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)



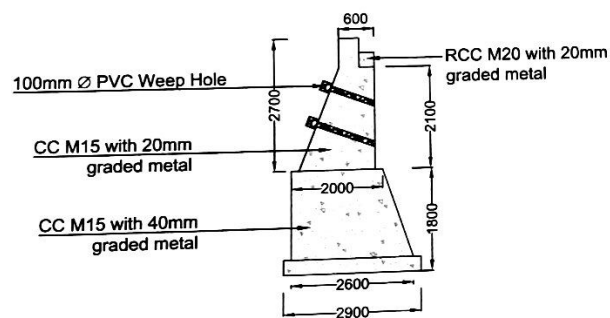
Plan



X - Sectional Elevation



L - Sectional Elevation

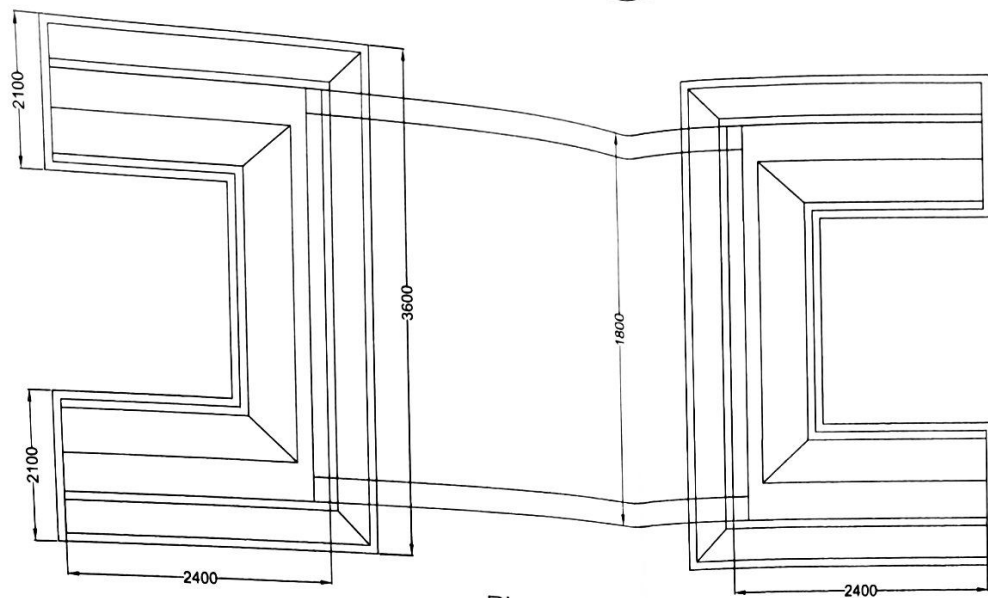


Sectional Elevation of Abutment

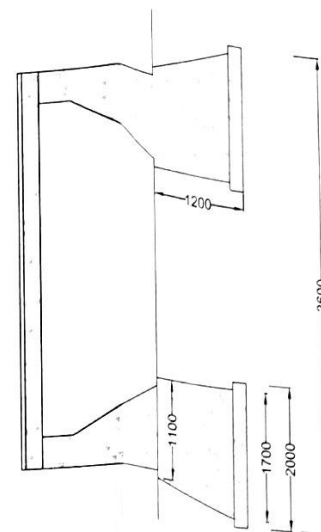
Trial Pit at R.D. -		
G.L. -		
STRATA	LEVEL	DEPTH
Hard Soil	-	1.50M
Hard Moorum	-	0.00M
Disintegrated Rock	-	0.60M
Soft Rock	-	-
This is to Certify that -		
1. The Strata shown in the T.P. is correct.		
2. I have walked over the alignment and found it most economical and suitable.		
3. There are no religious places like tombs, grave-yard etc. along the canal.		
<div style="display: flex; justify-content: space-between;"> <div>   Sub-Divisional Officer  W.R. Sub Div. Bagicha  Distt. - Jashpur(C.G.) </div> <div>   Executive Engineer  W.R. Div. Jashpur  Distt. - Jashpur(C.G.) </div> </div>		

All Dimensions are in "MM" unless otherwise specified

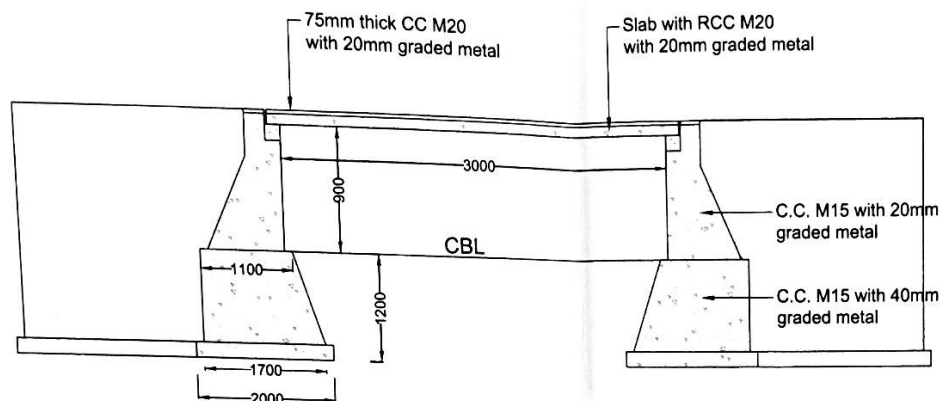
GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur		
Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
Typical Drawing of V.R.B.		
Drawn By:	Checked By:	Submitted By:
 Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	 Sub Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	 Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By:	Checked By:	Recommended By:
 Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	 Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	 Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By:	Checked By:	Approved By:
 Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	 S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	 Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)



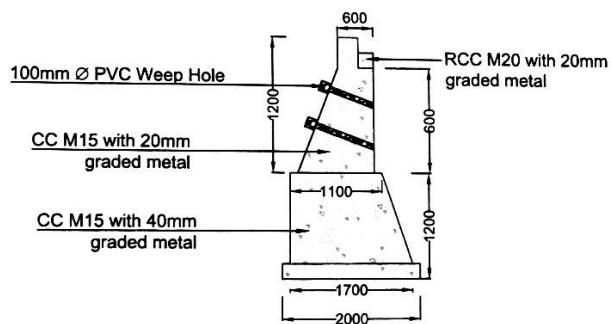
Plan



X - Sectional Elevation



L - Sectional Elevation



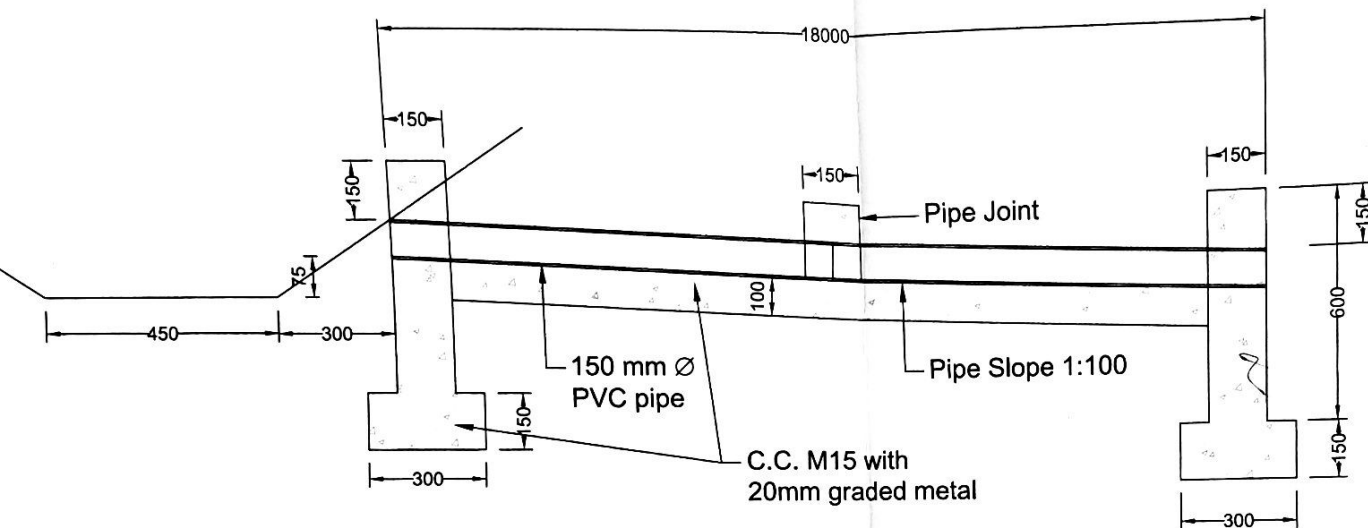
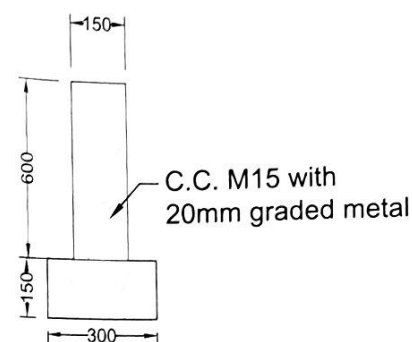
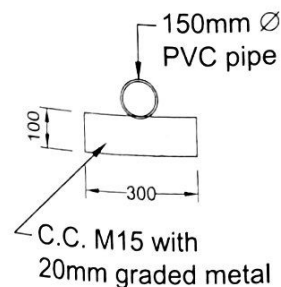
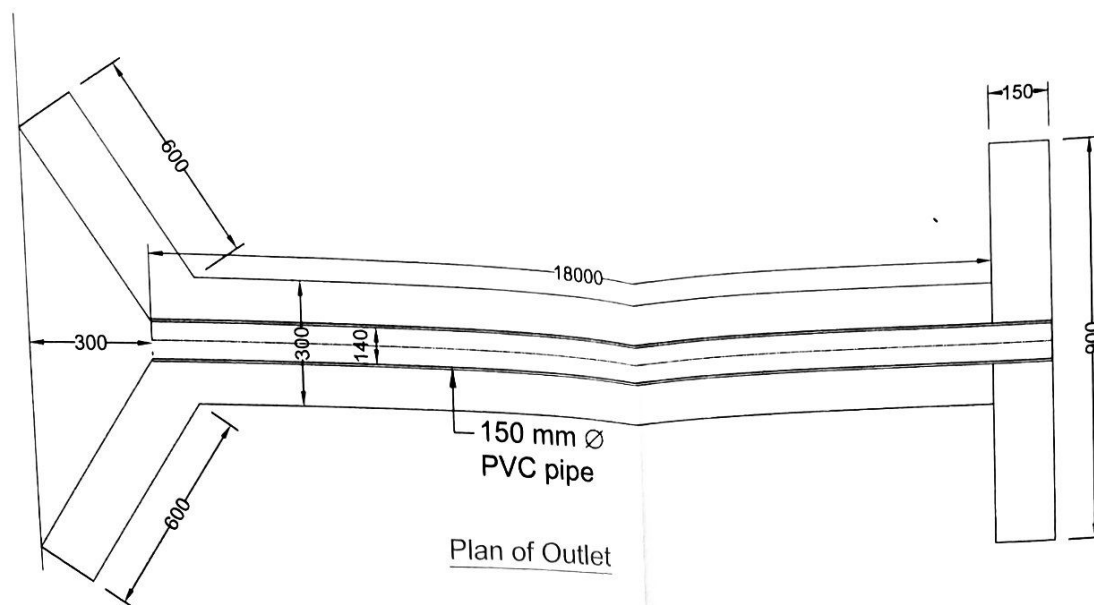
Sectional Elevation of Abutment

Trial Pit at R.D. -	
G. L.	-
STRATA	LEVEL DEPTH
Hard Soil	- 1.50M
Hard Mogrum	- 0.00M
Disintegrated Rock	- 0.60M
Soft Rock	-
This is to Certify that -	
1. The Strata shown in the T.P. is correct.	
2. I have walked over the alignment and found it most economical and suitable.	
3. There are no religious places like tombs, grave-yard etc. along the canal.	
Sub Divisional Officer W.R. Div. Bagicha Distt. - Jashpur (C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur (C.G.)

All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur		
Distt. - Jashpur (C.G.)		
Repair Work of Soro Diversion Scheme		
Typical Drawing of Foot Bridge.		
Drawn By:	Checked By:	Submitted By:
Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur (C.G.)	Sub Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur (C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur (C.G.)
Checked By:	Checked By:	Recommended By:
Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja (C.G.)	Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja (C.G.)	Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja (C.G.)
Checked By:	Checked By:	Approved By:
Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja (C.G.)	S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja (C.G.)	Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja (C.G.)

Canal Bed



All Dimensions are in "MM" unless otherwise specified

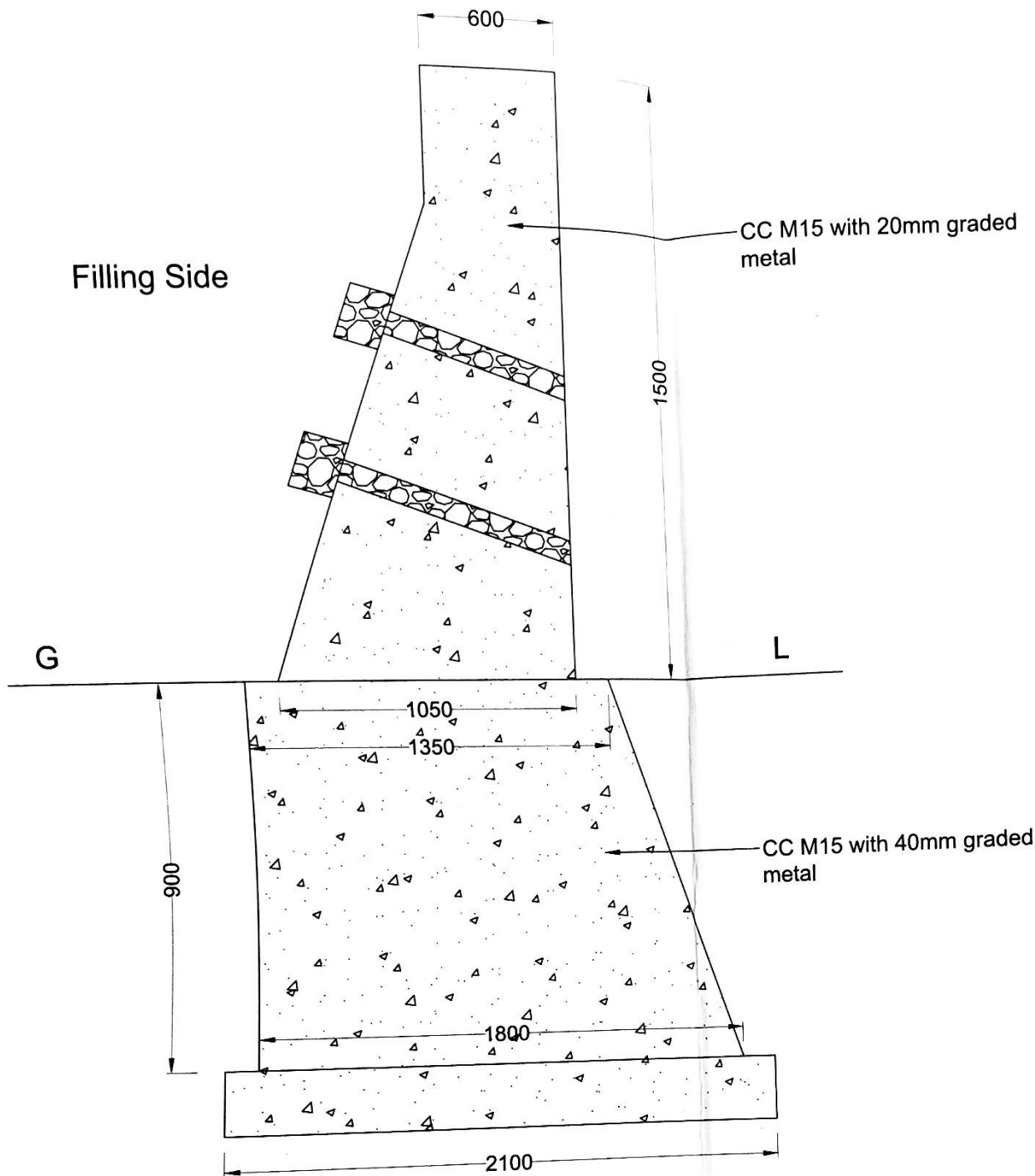
GOVT. OF CHHATTISGARH, W.R. DEPARTMENT

Executive Engineer, W.R. Div. Jashpur  
Distt. - Jashpur (C.G.)

Repair Work of Soro Diversion Scheme

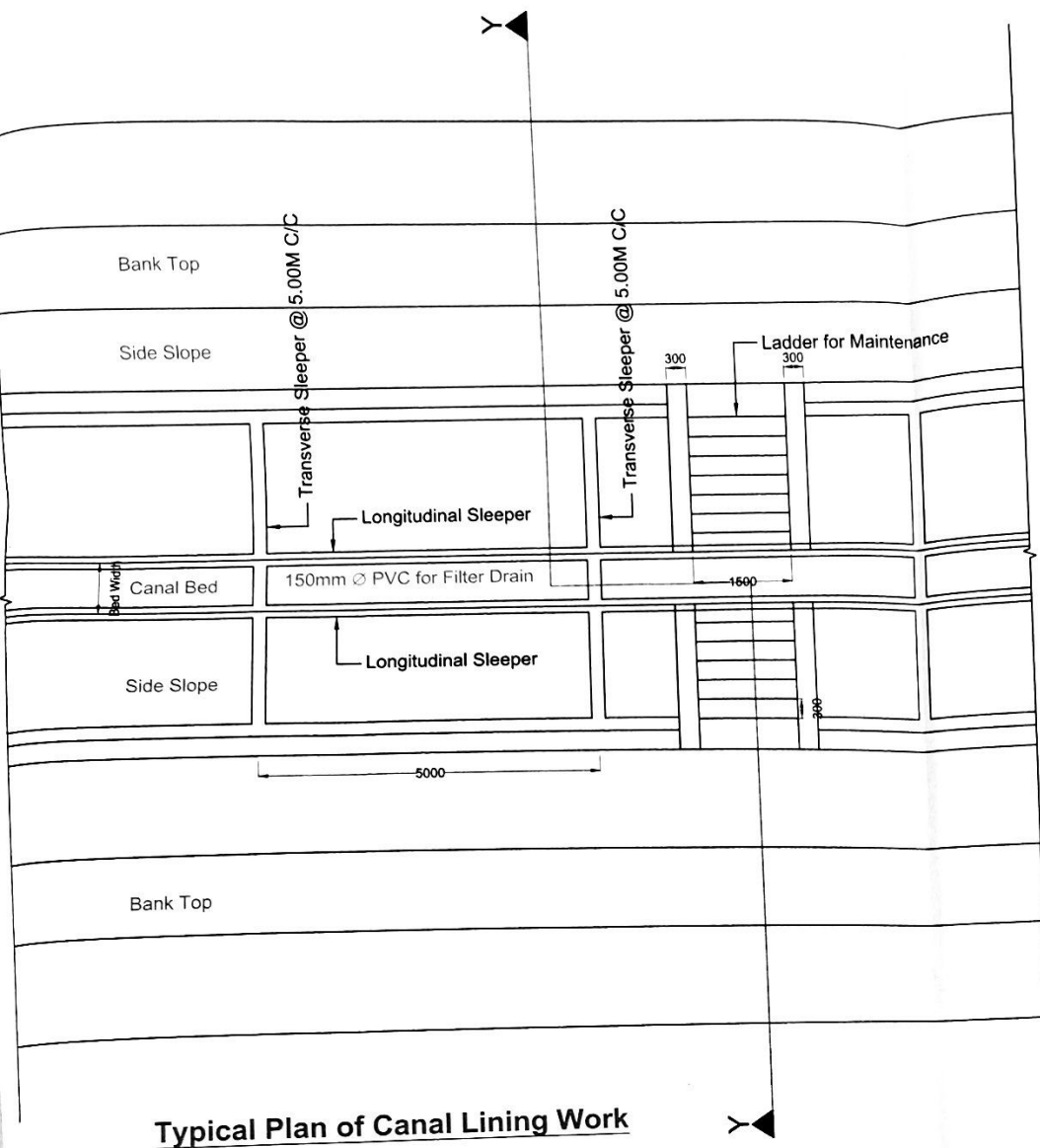
Drawing for Fixing of Colaba Pipe

Drawn By	Checked By	Submitted By
Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur (C.G.)	Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur (C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur (C.G.)
Checked By	Checked By	Recommended By
Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja (C.G.)	Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja (C.G.)	Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja (C.G.)
Checked By	Checked By	Approved By
Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja (C.G.)	S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja (C.G.)	Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja (C.G.)

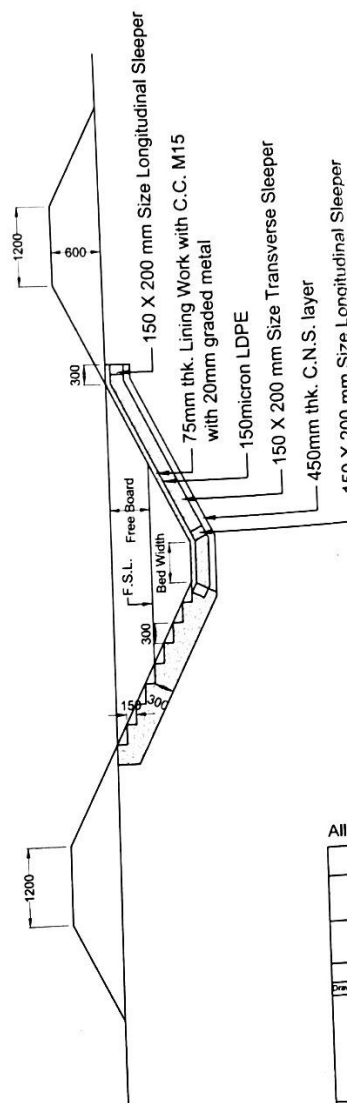


All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur		
Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
Drawing for Retaining Wall		
Drawn By	Checked By	Submitted By
Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By	Checked By	Recommended By
Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By	Checked By	Approved By
Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)



**Typical Plan of Canal Lining Work**



**Typical X - Section of Canal Through 'Y-Y'**

S. No.	Particulars	Bed Width (MM)	FSD (MM)	Free Board (MM)
1	BD 0 to 3000M	600	600	450
2	BD 3000 to 5310M	450	600	450

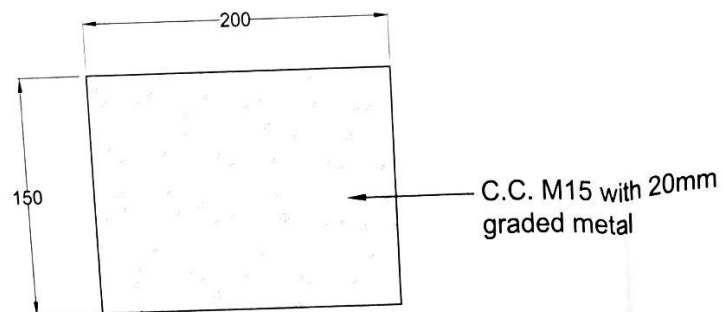
All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT  
Executive Engineer, W.R. Div. Jashpur  
Distt. - Jashpur(C.G.)

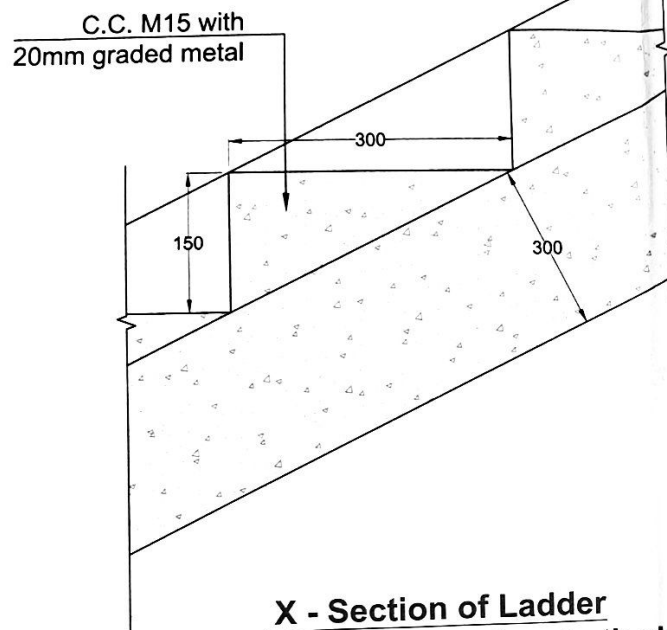
**Repair Work of Soro Diversion Scheme**

Typical Drawing for Canal Lining Work & Ladder in Canal

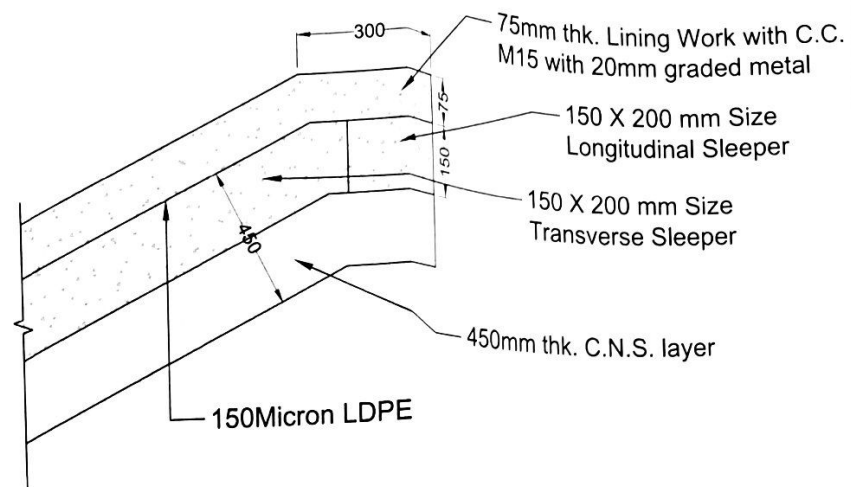
Drawn By	Checked By	Submitted By
Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Sub Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By	Checked By	Recommended By
Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By	Checked By	Approved By
Executive Engineer (D) Hasdeo Ganga Basin Ambikapur Distt. - Surguja(C.G.)	S.E. (D) Hasdeo Ganga Basin Ambikapur Distt. - Surguja(C.G.)	Chief Engineer Hasdeo Ganga Basin Ambikapur Distt. - Surguja(C.G.)



**X - Section of  
Longitudinal / Transverse Sleeper**












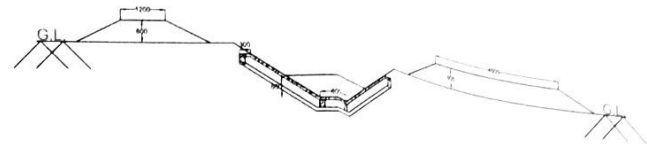
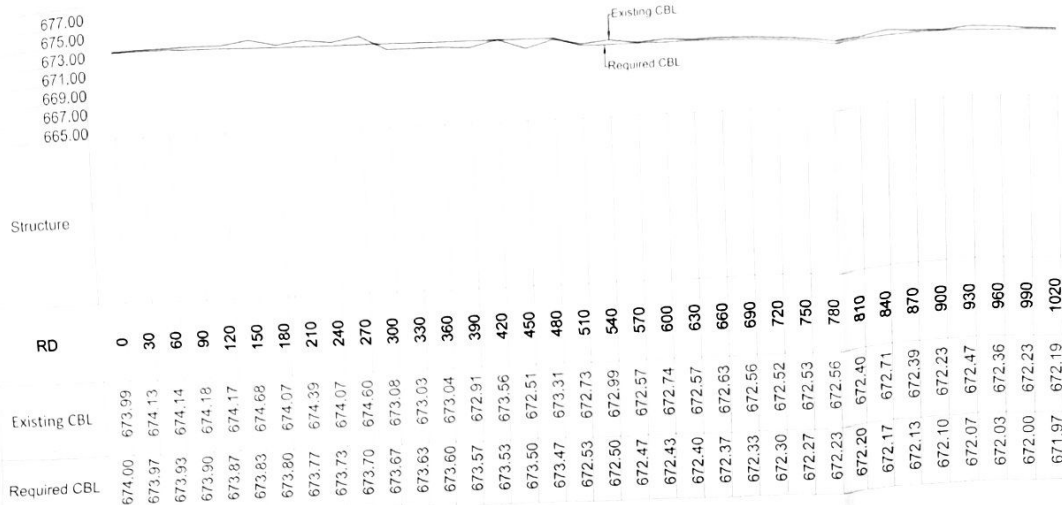
**X - Section of Ladder  
(At Every 30M interval on both side)**



**X - Section of Canal Lining Work**

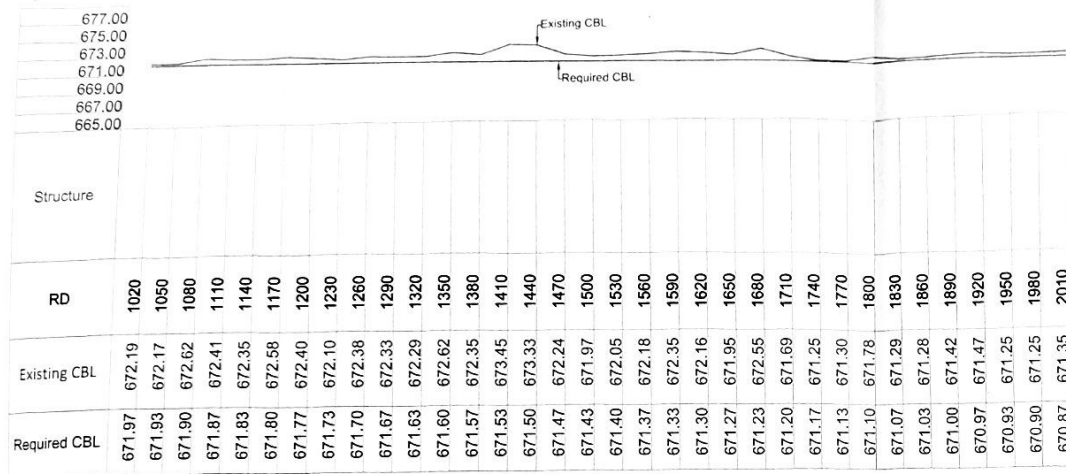
All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur		
Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
Enlarged X - Section of Canal Lining Work & Ladder in Canal		
Drawn By:	Checked By:	Submitted By:
 Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	 Sub Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	 Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By:	Checked By:	Recommended By:
 Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	 Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	 Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By:	Checked By:	Approved By:
 Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	 S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	 Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)



Typical X-Section of Canal With Lining

Canal Section Detail :	
1. Bed Grade	- 1:1200
2. Side Slopes	- 1.5:1
3. Canal Bed Width	- 2.1
4. Full Supply Depth	- 600 MM
5. Free Board	- 600 MM
6. Top Width of Bank	- 1200 MM

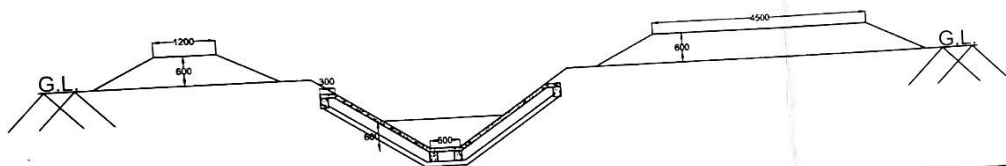


All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
L - Section of Main Canal From R.D. 0-2010M		
Drawn By	Checked By	Reviewed By
Sub Divisional Officer W.R. Div. Bagicha Distt. - Jashpur(C.G.)	Sub Divisional Officer W.R. Div. Bagicha Distt. - Jashpur(C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Drawn By	Checked By	Reviewed By
Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Drawn By	Checked By	Reviewed By
Executive Engineer (D) Hasdeo Ganga Barrage Ambikapur Distt. - Surguja(C.G.)	S.E. (D) Hasdeo Ganga Barrage Ambikapur Distt. - Surguja(C.G.)	Chief Engineer Hasdeo Ganga Barrage Ambikapur Distt. - Surguja(C.G.)



			Existing CBL	
			Required CBL	
672.00				
670.00				
668.00				
666.00				
664.00				
662.00				
660.00				
Structure				
RD				
Existing CBL				
Required CBL				
670.87	671.35	2010		
670.83	671.18	2040		
670.80	671.85	2070		
670.77	671.20	2100		
670.73	671.15	2130		
670.70	671.44	2160		
670.67	671.75	2190		
670.63	671.01	2220		
670.60	670.87	2250		
670.57	671.02	2280		
670.53	670.54	2310		
670.50	670.53	2340		
670.47	669.99	2370		
668.93	668.80	2400		
668.90	668.30	2430		
668.87	668.56	2460		
667.33	667.26	2490		
667.30	667.00	2520		
665.77	665.40	2550		
665.73	665.50	2580		
665.70	665.22	2610		
664.17	664.63	2640		
664.13	663.81	2670		
664.10	663.65	2700		
664.07	663.77	2730		
664.03	663.40	2760		
664.00	663.29	2790		
663.97	663.20	2820		
663.93	663.50	2850		
663.90	662.85	2880		
663.87	663.13	2910		
663.83	663.17	2940		
663.80	663.76	2970		
663.77	663.84	3000		

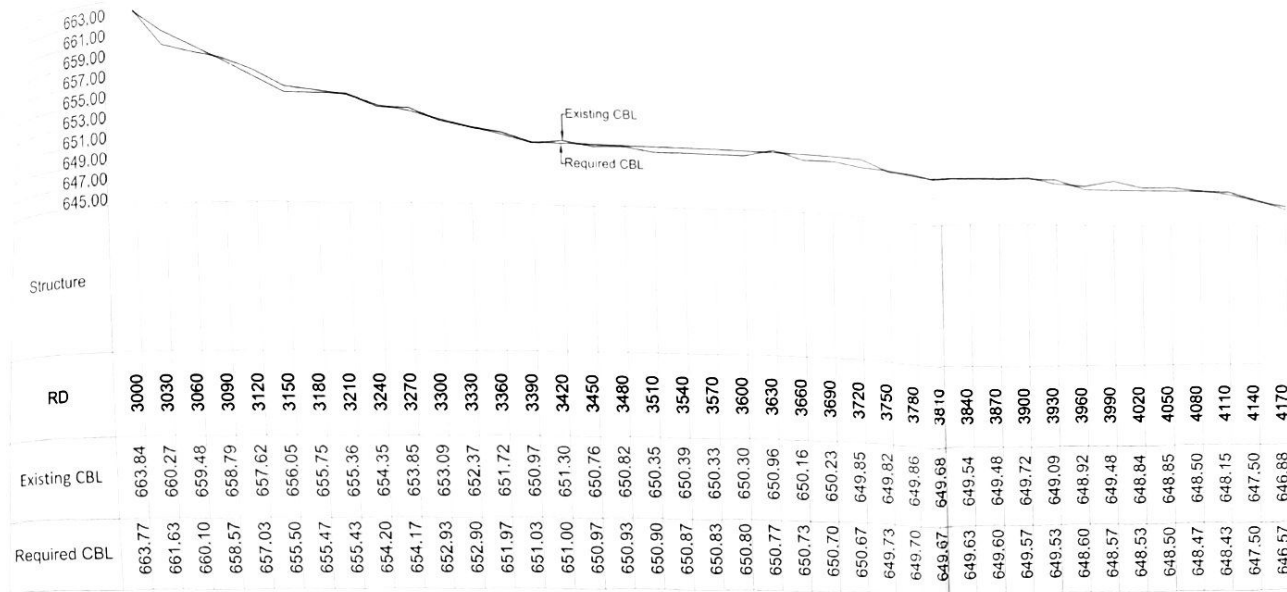


Typical X-Section of Canal With Lining

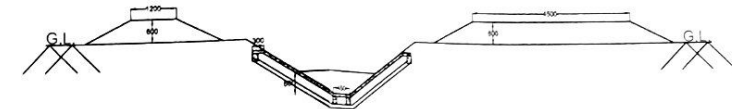
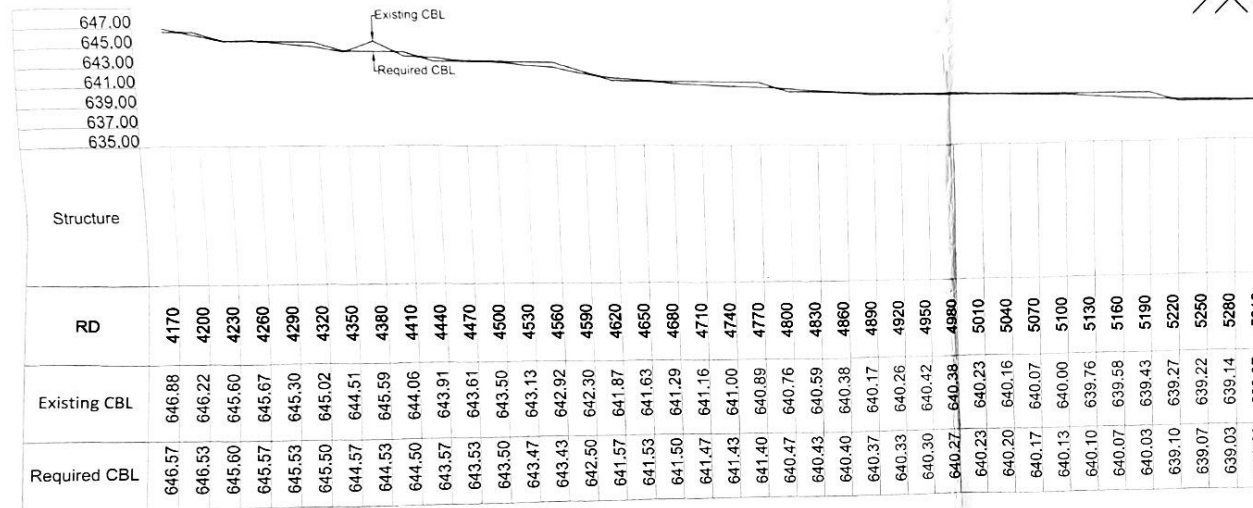
Canal Section Detail :	
1 Bed Grade	- 1:1200
2 Side Slope	-
in Cutting	- 1.5:1
in Filling	- 2:1
3 Canal Bed Width	- 600 MM
4 Full Supply Depth	- 600 MM
5 Free Board	- 450 MM
6 Top Width of Bank	- 1200 MM

All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur		
Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
L - Section of Main Canal		
From R.D. 2010-3000M		
Drawn By <i>[Signature]</i> Sub-Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Checked By <i>[Signature]</i> Sub-Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Approved By <i>[Signature]</i> Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By <i>[Signature]</i> Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Checked By <i>[Signature]</i> Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Approved By <i>[Signature]</i> Superintending Eng. S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By <i>[Signature]</i> Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	Checked By <i>[Signature]</i> S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	Approved By <i>[Signature]</i> Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)

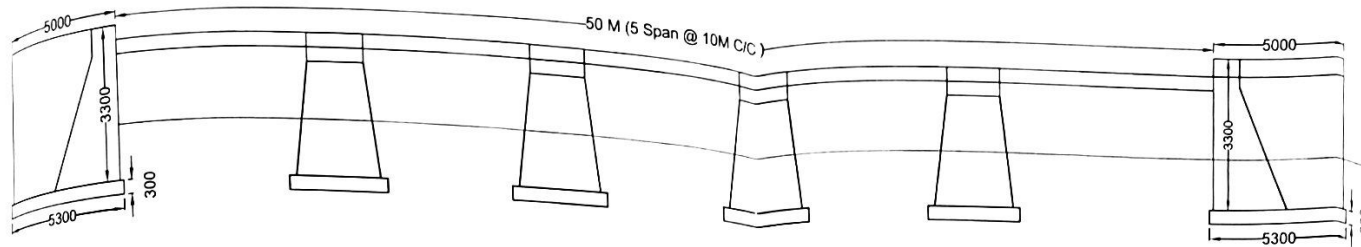


Canal Section Detail :	
1 Bed Grade	- 1:1200
2 Side Slope	-
in Cutting	- 1.5:1
in Filling	- 2:1
3 Canal Bed Width	- 450 MM
4 Full Supply Depth	- 600 MM
5 Free Board	- 450 MM
6 Top Width of Bank	- 1200 MM

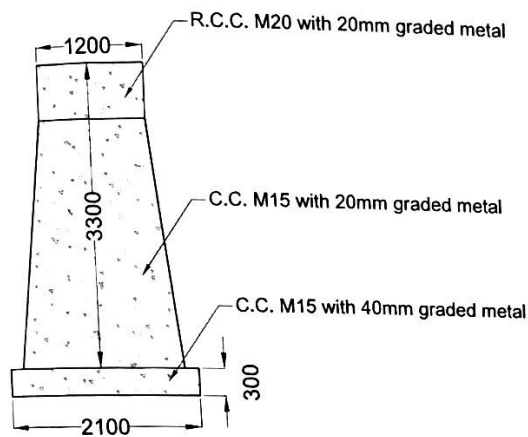


Typical X-Section of Canal With Lining  
All Dimensions are in "MM" unless otherwise specified

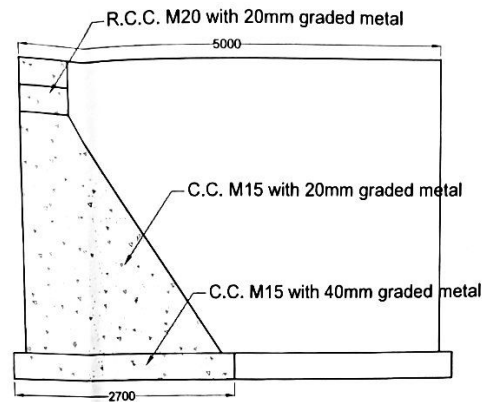
GOVT. OF CHHATTISGARH, W.R. DEPARTMENT		
Executive Engineer, W.R. Div. Jashpur Distt. - Jashpur(C.G.)		
Repair Work of Soro Diversion Scheme		
L - Section of Main Canal From R.D. 3000-5310M		
Prepared By  Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Checked By  Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Recommended By  Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By  Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Checked By  Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Recommended By  Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By  Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	Checked By  S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	Approved By  Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)



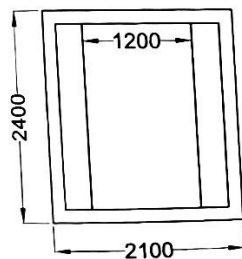
Elevation of Aqueduct  
(From RD 0M to RD 50M)



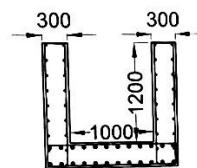
Elevational Section of Pier



Section of Abutment / Wing



Plan of Pier



X Section of Duct

All Dimensions are in "MM" unless otherwise specified

GOVT. OF CHHATTISGARH, W.R. DEPARTMENT

Executive Engineer, W.R. Div. Jashpur

Distt. - Jashpur(C.G.)

Repair Work of Soro Diversion Scheme

Drawing of Aqueduct

Drawn By	Checked By	Submitted By
Sub Engineer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Sub Divisional Officer W.R. Sub Div. Bagicha Distt. - Jashpur(C.G.)	Executive Engineer W.R. Div. Jashpur Distt. - Jashpur(C.G.)
Checked By	Checked By	Recommended By
Assistant Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Executive Engineer (D) S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)	Superintending Engineer S.B.P. Circle, Ambikapur Distt. - Surguja(C.G.)
Checked By	Checked By	Approved By
Executive Engineer (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	S.E. (D) Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)	Chief Engineer Hasdeo Ganga Basin Ambikapur, Distt. - Surguja(C.G.)