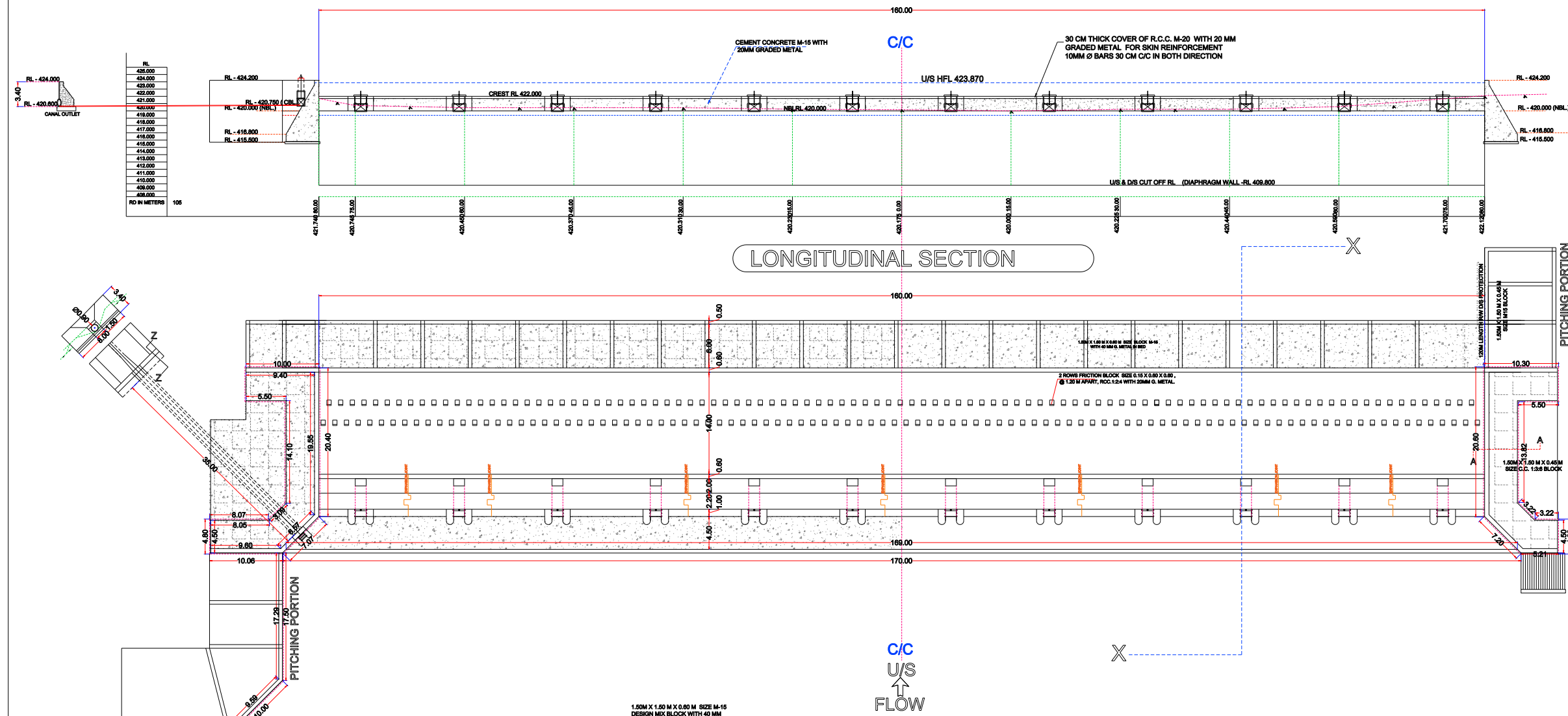
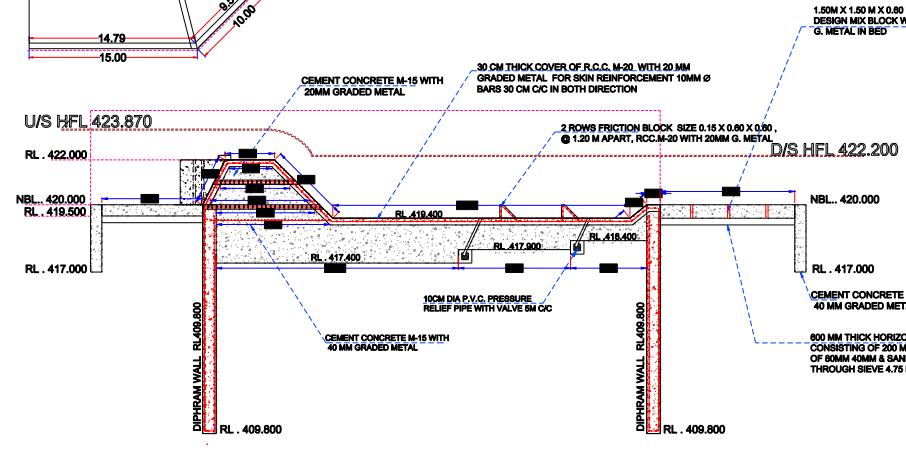


TECHNICAL SENCTION : DRAWING FOR CONSTRUCTION OF TURI DIVERSION ON TURI RIVER

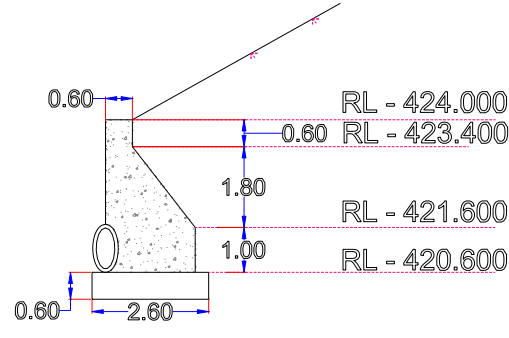


LONGITUDINAL SECTION

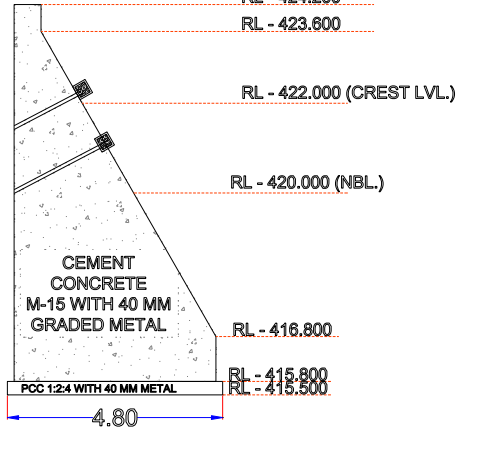
HALF TOP & HALF BOTTOM



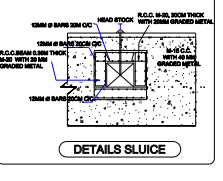
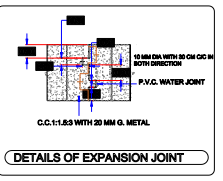
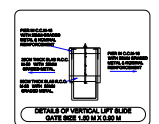
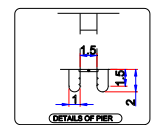
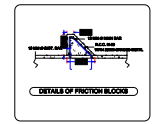
SECTION PLAN AT X-X



SECTION OF CANEL OUTLET



SECTION PLAN AT X-X



DESIGN DETAILS :-

HEIGHT OF WEIR	2.00 METER
LENGTH OF WEIR	180.00 METER
TOP WIDTH OF WEIR	2.20 METER
BASE WIDTH STOPDAM	5.08 METER
SCOURING GATE	12 NO X 1.50 M X 0.90 M
U/S CONCRETE FLOOR	5.00 METER
LENGTH OF CISTERN	13.25 METER
DEPTH OF CISTERN	2.00 METER
RL OF WASTE WEIR	RL - 422.000

RIVER DATA :-

RIVER BED LEVEL (AV.)	RL - 420.000
U/S HIGH FLOOD LEVEL	RL - 423.550
D/S HIGH FLOOD LEVEL	RL - 421.950
CATCHMENT AREA	112.50 SQ. KM.
DISCHARGE	877.000 CUMECs
RIVER BED GRADE	1 IN 315

BAR BENDING SCHEDULE

NO.	LOCATION	SHAPE	NO.	LENGTH	NO.	WEIGHT	WEIGHT
1	BODY WALL		10	30	18.15	2887.5	2887.5
2	FEET		10	30	17.00	2550.0	2550.0
3	HORIZONTAL BARS		12	30	8.80	1056.0	1056.0
4	VERTICAL BARS		12	30	4.80	576.0	576.0
5	DISTRIBUTION		12	30	7.20	864.0	864.0
6	VERTICAL BARS		12	30	1.70	204.0	204.0
7	DIET. BARS		12	30	4.40	528.0	528.0
8	PROTON BLOCK		12	30	5.00	600.0	600.0
9	DIET. BARS		10	30	1.80	216.0	216.0
10	OPERATING SLAB		12	30	5.40	648.0	648.0
11	DIET. BARS		12	30	1.00	120.0	120.0
12	ASBESTOS		10	30	8.80	1056.0	1056.0
13	DIET. BARS		10	30	2.80	336.0	336.0
14	SUPPORT WALL		10	30	4.80	576.0	576.0
15	DIET. BARS		10	30	8.80	1056.0	1056.0
TOTAL RE. BARS IN NO.							28875.0
ACTUAL RE. BARS IN NO.							28875.0
ACTUAL RE. BARS IN NO.							28875.0

T. P. AT LEFT NALLA BANK

AV. RL NBL-420.000	RL 417.850
SOFT SOIL	RL 415.800
HARD SOIL	RL 411.200
DISINTEGRATED ROCK	RL 410.400
HARD ROCK	RL 409.800

T. P. AT NALLA BED

AV. RL NBL-420.000	RL 417.850
SOFT SOIL	RL 415.800
HARD SOIL	RL 411.200
DISINTEGRATED ROCK	RL 410.400
HARD ROCK	RL 409.800

T. P. AT RIGHT NALLA BANK

AV. RL NBL-420.000	RL 417.850
SOFT SOIL	RL 415.800
HARD SOIL	RL 411.200
DISINTEGRATED ROCK	RL 410.400
HARD ROCK	RL 409.800

CERTIFIED THAT THE STRATA & LEVELS ARE SHOWN IN THIS T.P. SECTION IS CORRECT.

SUB ENGINEER SUB DIVISIONAL OFFICER W.R. SURVEY SUB DIVISION NO.1, KANKER EXECUTIVE ENGINEER WATER RESOURCES DIVISION KANKER

GOVERNMENT OF CHHATTISGARH  
WATER RESOURCES DIVISION, U.B.KANKER

DRAWING FOR CONSTRUCTION OF TURI DIVERSION ON TURI NADI

DRAWN BY:	CHECKED BY:	CHECKED BY:
SUB ENGINEER	ASSISTANT ENGINEER (D) INDRAWATI PROJECT CIRCLE JAGDALPUR	ASSISTANT ENGINEER(D) MAHANADI RESERVOIR PROJECT RAIPUR
CHECKED BY:	CHECKED BY:	CHECKED BY:
SUB DIVISIONAL OFFICER W.R. SURVEY SUB DIVISION NO.1, KANKER	EXECUTIVE ENGINEER (D) INDRAWATI PROJECT CIRCLE JAGDALPUR	EXECUTIVE ENGINEER (D) MAHANADI RESERVOIR PROJECT RAIPUR
CHECKED BY:	RECOMMENDED BY:	RECOMMENDED BY:
ASSISTANT ENGINEER(D) WATER RESOURCES DIVISION KANKER	SUPERINTENDING ENGINEER INDRAWATI PROJECT CIRCLE JAGDALPUR	SUPERINTENDING ENGINEER (D) MAHANADI RESERVOIR PROJECT RAIPUR
SUBMITTED BY:	APPROVED BY:	APPROVED BY:
EXECUTIVE ENGINEER WATER RESOURCES DIVISION KANKER	CHIEF ENGINEER MAHANADI RESERVOIR PROJECT RAIPUR	CHIEF ENGINEER MAHANADI RESERVOIR PROJECT RAIPUR
DRG. NO.		