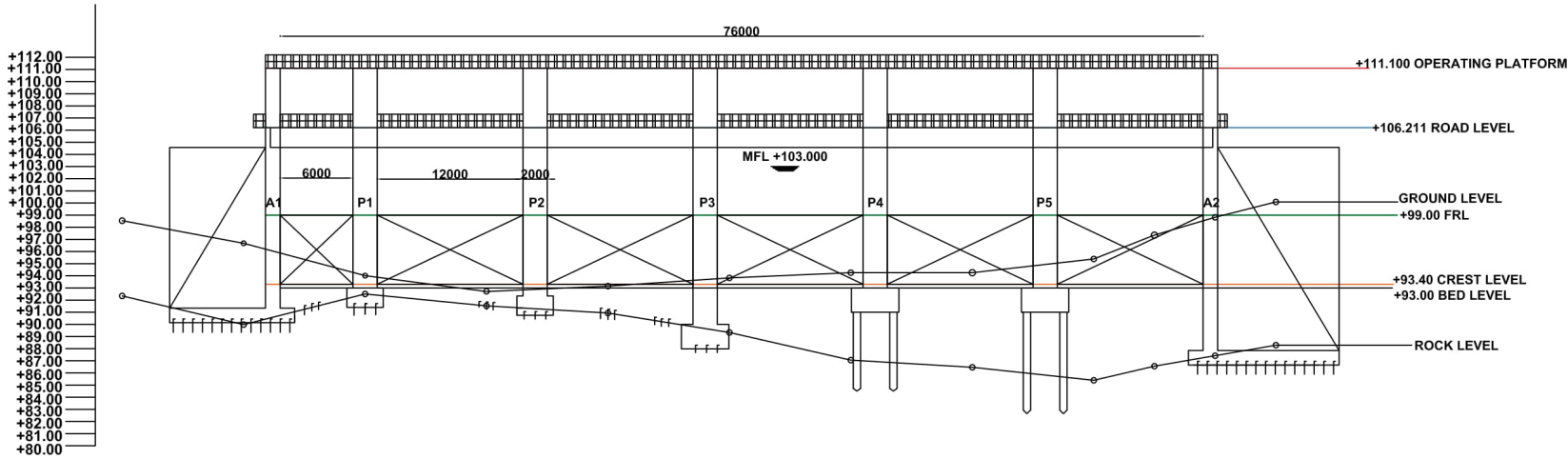


NOTES

- This drawing has been prepared revising the Maximum Flood Level to +103.000.
- For the details of weir & apron, bridge deck, sheet piles, gabion boxes and for the concrete mixes, sheet no. 1 / 4 of Drawing no. 09 / 2014 of IDRB shall be followed.
- Hydraulic Particulars:
 - Maximum Flood Discharge - 2243.00 m³/s
 - Width of river - 76.00 m
 - High Flood Level - +103.000
 - Average Bed Level - +93.000
 - Height of Shutter - 5.60m
 - Crest Level - +93.400
 - Full Reservoir Level - +99.000
 - Operating Platform Level - +111.100
 - Road Level - +106.211
- The groove size provided is 500 x 400 mm. "C" groove may be provided upto +105.500 and thereafter "L" groove may be provided.
- For the reinforcement details of Dirt Wall and Abutment Cap sheet no. 4/ 4 of Drawing No. 09/ 2014 of IDRB shall be followed.
- The piles shall be embedded into rock for a length of 1.20m (one pile dia) into hard rock and socketed.
- Initial pile load test should be conducted as per IS 2911-Part IV for the maximum pile load before execution.



Dist.	GL	HRL
-50.000	99.545	92.345
-40.000	96.680	89.980
-37.000		A1
-30.000	94.015	92.515
-20.000	92.725	91.525
-10.000	93.430	90.930
0.000	93.830	89.330
10.000	94.255	87.055
20.000	94.250	86.450
30.000	95.390	85.390
35.000	97.355	86.555
39.000		A2
40.000	98.820	
45.000	100.085	88.285

ELEVATION



DATE : 19.10.2020

KERALA IRRIGATION INFRASTRUCTURE
DEVELOPMENT CORPORATION LIMITED

CONSTRUCTION OF REGULATOR CUM
BRIDGE ACROSS KUPPAM RIVER AT
KOOVERI KATTAMPALLY IN KANNUR
DIST-(REVISED MFL)

SCALE : 1:100

DRAWN BY :

DESIGNED BY :

CHECKED BY :

APPROVED BY :

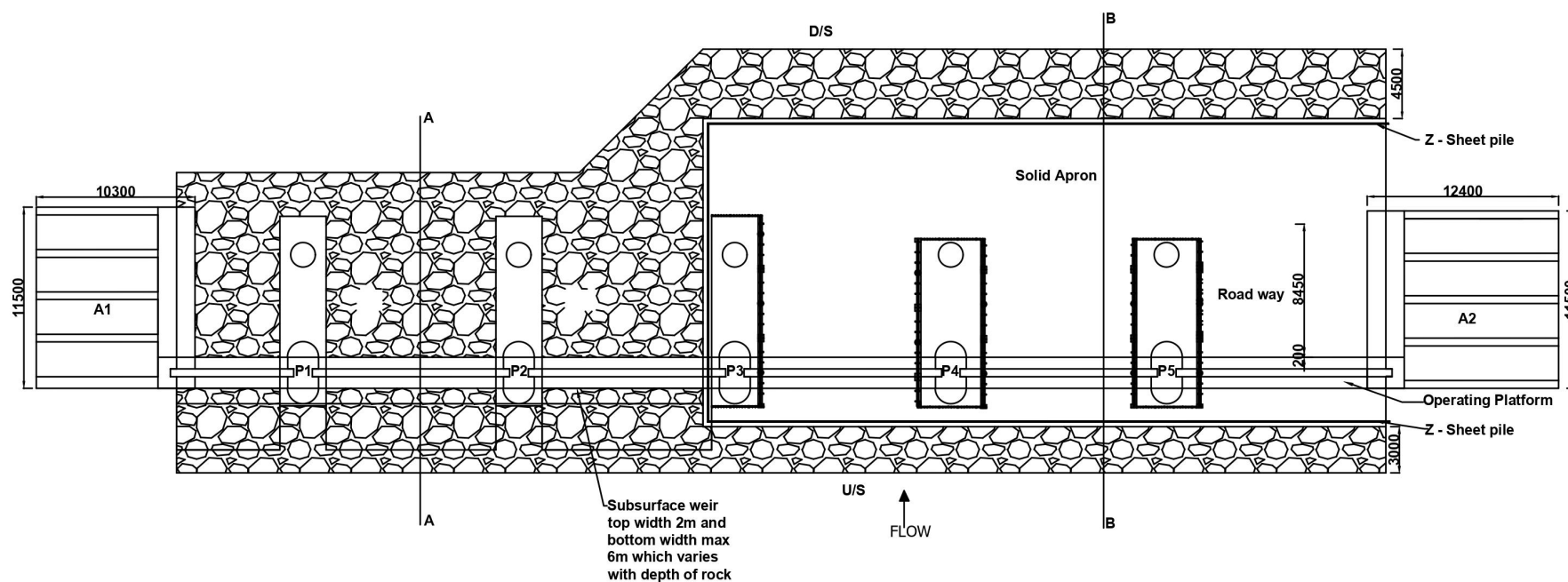
DRAWING NO. KIIDC/271/KIIFB-RCB/2017

GENERAL DRAWING

SHEET NO.: 1 OF 8

NOTES

1. Refer drawing 1 of 8 to 8 of 8.



PLAN

*GOOD FOR CONSTRUCTION

CHIEF ENGINEER



KERALA IRRIGATION INFRASTRUCTURE
DEVELOPMENT CORPORATION LIMITED

SCALE : 1 : 100

DRAWING NO: KIIDC/271/KIIFB-RCB/2017

DATE : 19.10.2020

SHEET NO.: ADDITIONAL SHEET 2

CONSTRUCTION OF REGULATOR CUM BRIDGE ACROSS KUPPAM RIVER AT
KOOVERI KATTAMPALLY IN KANNUR DIST-(REVISED MFL)

PLAN