

## NOTES AND SPECIFICATIONS

- ALL DIMENSIONS ARE IN MILLIMETRES AND THE LEVELS ARE IN METRES.
- DO NOT SCALE THE DRAWING. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
- 200 THICK SIDE REVETMENT IS PROPOSED FOR THE BANKS BOTH ON U/S & D/S
- THE SPECIFICATIONS PROPOSED FOR THE VARIOUS COMPONENTS OF THE STRUCTURE ARE AS FOLLOWS
- THE SBC OF FOUNDATION STRATA ENSURED BEFORE EXECUTION
- 12MM THE EXPANSIVE JOINT WITH 300MM EIDE PVC WATER STOPPER AND MASTIC PAD SHALL BE PROVIDED AT JUNCTIONS BETWEEN SIDE WALLS & WINGS & FILLED WITH SEALING COUMPOUND
- 7.75MMDIA WEEPHOLES ARE PROVIDED IN WINGS, RETURNS WITH REVERCE FILLERE @1800C/CSTAGGEND BOTH VERTICULLY & HORIZONTLY
- PROVIDE 2ROWS AT 16 DIA DOWEL BANKS @1000C/C INSLAB UNDER HEAD WALLS

Sl.No	DETAILS OF COMPONENTS	GRADE OF CONCRETE	MAX. SIZE OF C.A
1	SEALING COAT OVER BOX IN CANAL PORTION & OVER BOTTOM MEMBER OF BOX	CC M25	20 MM
2	BOX UNDER CANAL TROUGH, OF APRON	RCC M20	20 MM
4	WEARING COAT OVER APRON FLOOR	CC M15	40 MM
5	HEAD WALL, WING & RETURNS	CC M20	20 MM
6	CANAL LINING	CC M15	40 MM
7	FOUNDATION CONCRETE OF WINGS, RETURNS, CUTOFF WALL OF RETURN	CC M15	20 MM
8	LEVELLING COURSE BELOW BOX	CC M15	40 MM

## REFERENCE CODES

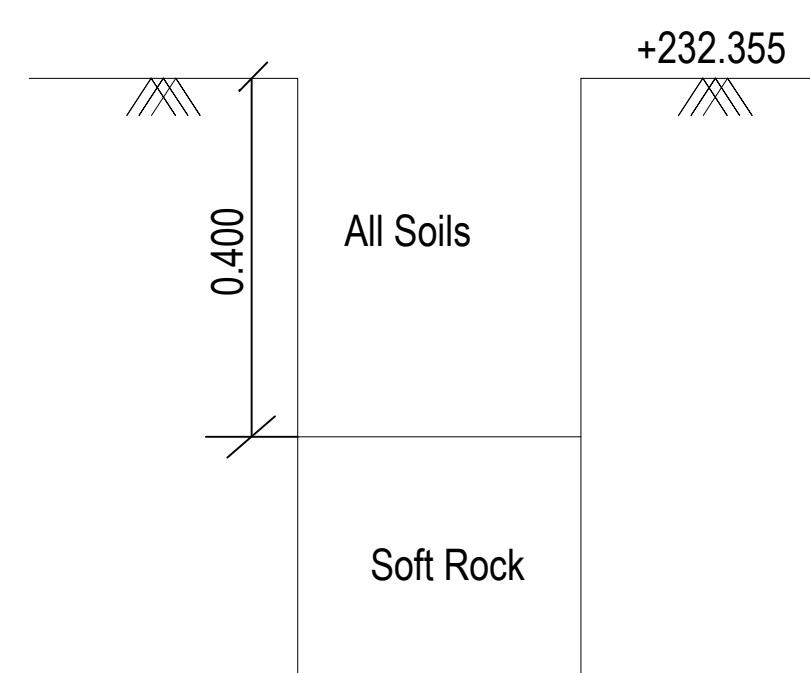
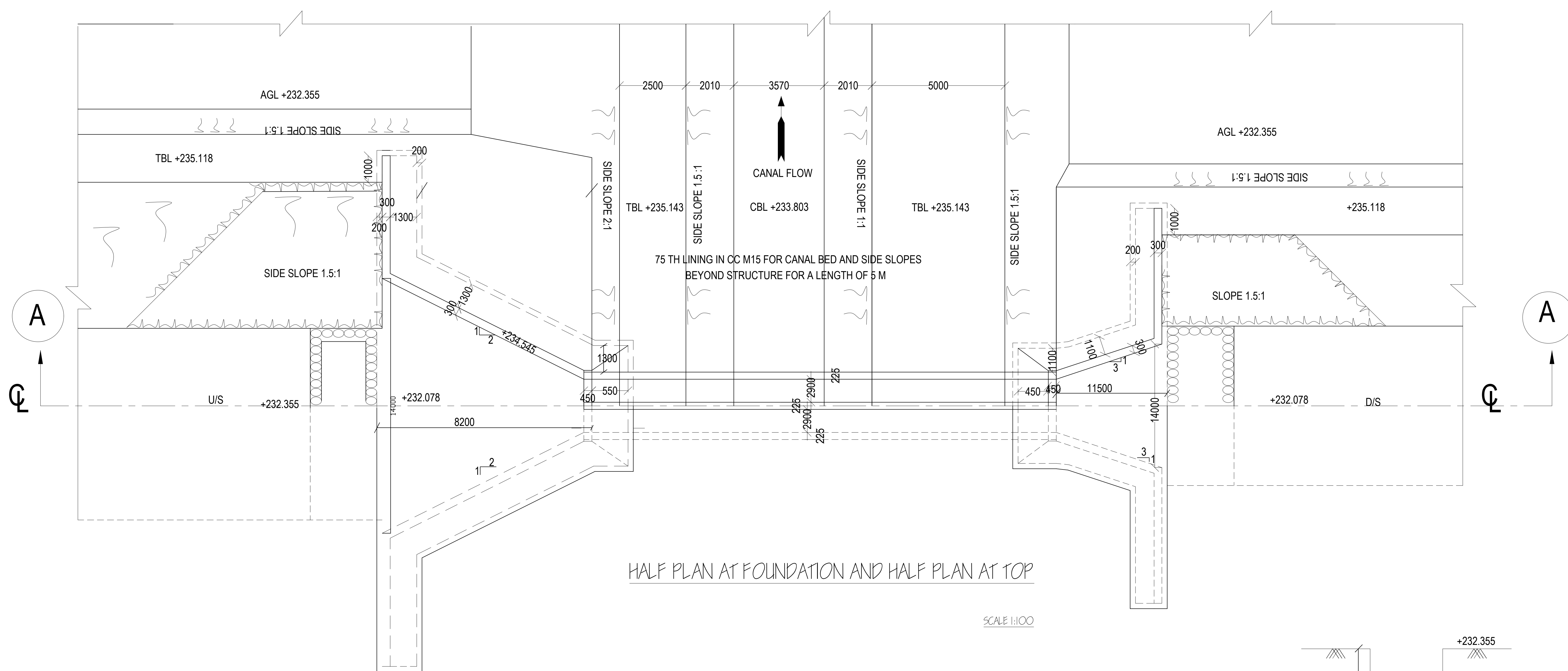
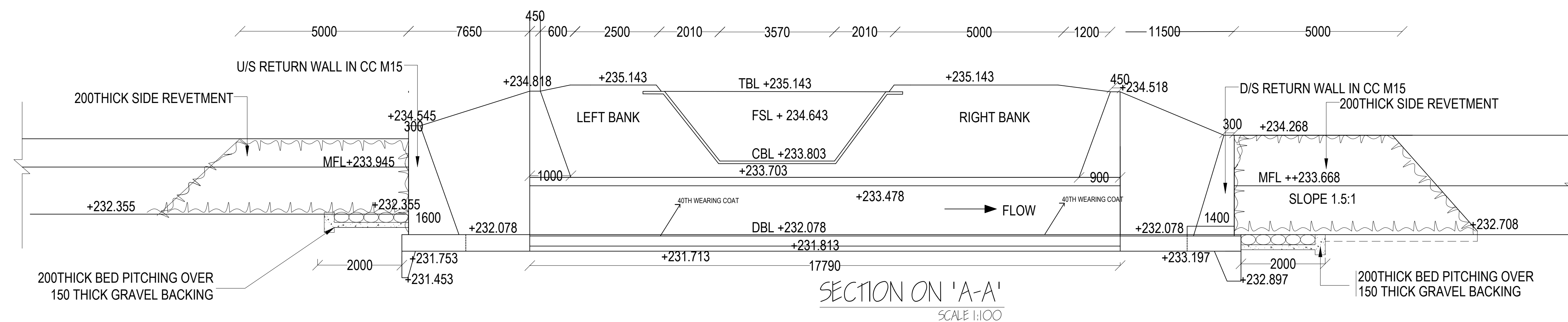
- IS : 456 - 2000
- IS : 383
- IS : 7784 (PART I & II )
- IS : 3370 ( PART I , II )
- IS : 1783 - 1985

SL.NO.	PARTICULARS	CANAL @ KM.
		<b>29.800</b>
1	DISCHARGE ( REQD. )	1.920 cumecs
2	DISCHARGE ( DES. )	1.966 cumecs
3	BED WIDTH	3.570 mts.
4	FULL SUPPLY DEPTH	0.840 mts.
5	VELOCITY	0.484 mts/sec
6	BED FALL	1 in 4400
7	COEFFT. OF RUGOSITY	0.0225
8	FREE BOARD	0.50 mts
9	SIDE SLOPES	1.5 : 1
10	TOP WIDTH OF BANKS ( LEFT ) ( RIGHT )	2.500 mts. 5.000 mts.
11	LOSS OF HEAD	0.020 mts.
12	BED LEVEL	+ 233.803 M
13	FULL SUPPLY LEVEL	+ 234.643 M
14	TOP OF BUND LEVEL	+ 235.143 M
15	Avg. GL	+ 232.355
1	DEEP BED LEVEL	+ 232.355 M
2	CATCHMENT AREA	1.300 sq.kms.
3	M.F.D	+ 23.74 Cumecs

## REFERENCE DRAWINGS:

- DRAWING NO. GLIS/SKC/UT-29.250/002/2010 - SECTIONS & R.C.C. DETAILS OF BOX

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOATA LIFT IRRIGATION SCHEME SANTHAKOVUR MAJOR DISTRIBUTORY			
TITLE	UNDER TUNNEL AT KM. 29.800 GENERAL PLAN & SECTIONAL ELEVATION			
CONTRACTORS	KBL - MCCL (JV) HYDERABAD			
DRAWING NO:	SCALE		DATE	
GLIS/SKC/UT/ 29.250/001/2010	AS INDICATED			



Trail Pit @ km 27.600