

NOTES AND SPECIFICATIONS

1. ALL DIMENSIONS ARE IN MILLIMETRES AND THE LEVELS ARE IN METRES.
2. DO NOT SCALE THE DRAWING. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
3. 200 THICK SIDE REVETMENT IS PROPOSED FOR THE BANKS BOTH ON U/S & D/S
4. THE SPECIFICATIONS PROPOSED FOR THE VARIOUS COMPONENTS OF THE STRUCTURE ARE AS FOLLOWS
5. THE SBC OF FOUNDATION STRATA ENSURED BEFORE EXECUTION
6. 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
- 8.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 M20	20 MM
5	HEAD WALL, WING & RETURNS	CC M15	40 MM
6	CANAL LINING	CC M15	40 MM
7	FOUNDATION CONCRETE OF WINGS, RETURNS, CUTOFF WALL OF RETURN	CC M15	40 MM
8	LEVELLING COURSE BELOW BOX	CC M15	40 MM

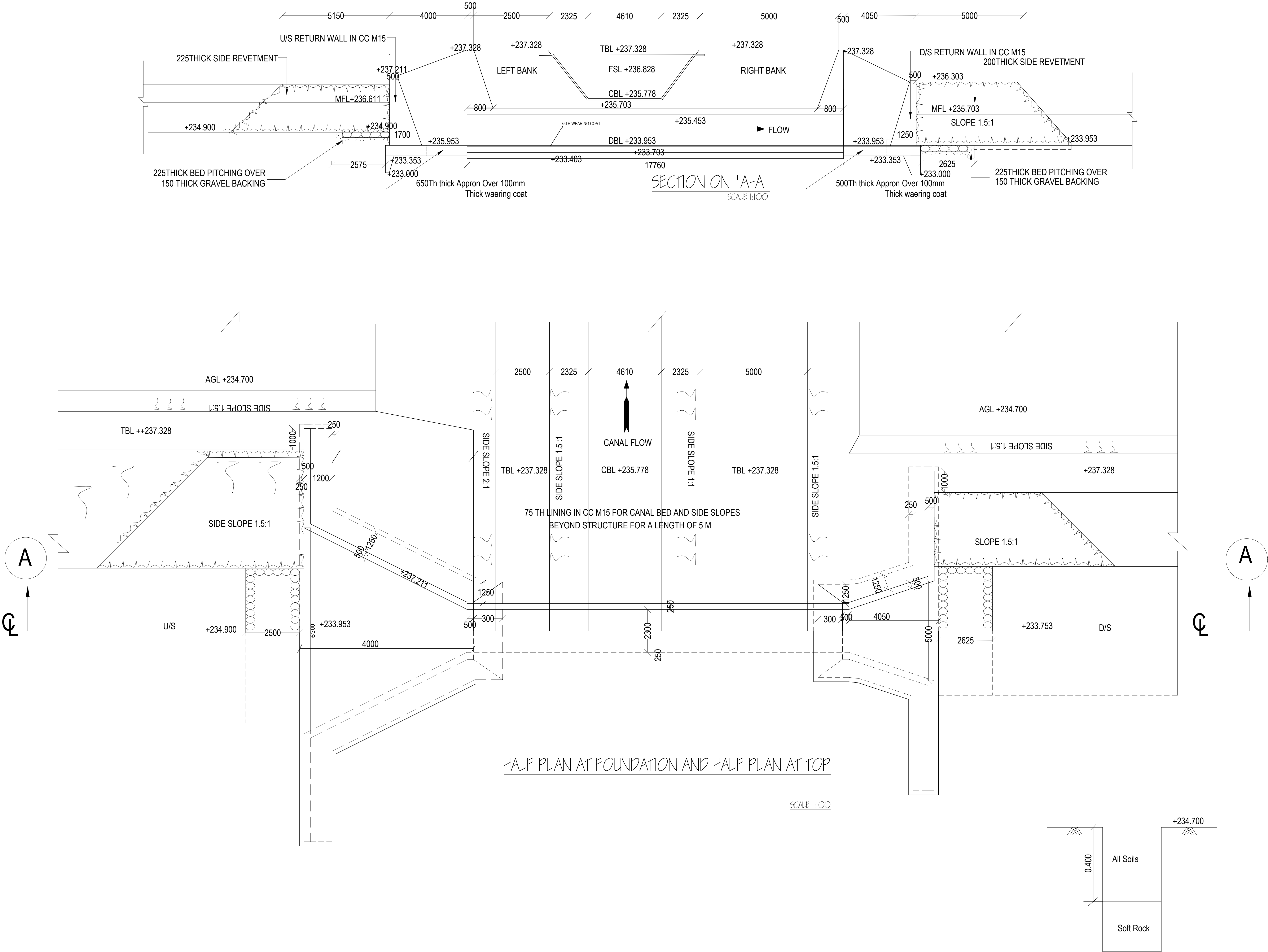
REFERENCE CODES

1. IS : 456 - 2000
2. IS : 383
3. IS : 7784 (PART I & II)
4. IS : 3370 (PART I , II)
5. IS : 1783 - 1985

SL.NO.	PARTICULARS	CANAL @ KM.
		24.000
1	DISCHARGE (REQD.)	3.380 cumecs
2	DISCHARGE (DES.)	3.548 cumecs
3	BED WIDTH	4.610 mts.
4	FULL SUPPLY DEPTH	1.050 mts.
5	VELOCITY	0.546 mts/sec
6	BED FALL	1 in 4700
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	+ 235.778 M
13	FULL SUPPLY LEVEL	+ 236.828 M
14	TOP OF BUND LEVEL	+ 237.328 M
15	Avg. GL	+ 234.700
1	DEEP BED LEVEL	+ 234.700 M
2	CATCHMENT AREA	0.362 sq.kms.
3	M.F.D	+ 9.10 Cumecs

REFERENCE DRAWINGS:

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. 24.000 GENERAL PLAN & SECTIONAL ELEVATION			
CONTRACTORS	KBL - MCCL (JV) HYDERABAD			
DRAWING NO:	SCALE		DATE	
GLIS/SKC/UT/ 27.900/001/2010	AS INDICATED			



SD/- Dt: 09.07.2015
Superentending Engineer
GNSS Circle,Kadapa