



## NOTES AND SPECIFICATIONS

- 1. ALL DIMENSIONS ARE IN MILLMETRES 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 SEILING 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

SI.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

- IS: 456 2000
- IS: 383
- IS: 7784 (PART | & || )
- IS: 3370 (PARTI, II)

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CANAI	L <u>:</u>			
SL.NO.	PARTICULARS	CA	ANAL (	v KM
			19.625	
1	DISCHARGE ( REQD. )		0.426	cumed
2	DISCHARGE ( DES. )		0.470	cumec
3	BED WIDTH		1.930	mts.
4	FULL SUPPLY DEPTH		0.510	mts.
5	VELOCITY		0.373	mts/se
6	BED FALL		1 in	5800
7	COEFFT. OF RUGOSITY		0.0180	
8	FREE BOARD		0.45	mts
9	SIDE SLOPES		1.0	: 1
10		EFT)	2.500	mts.
	(RI	GHT)	5.000	mts.
11	LOSS OF HEAD		0.000	mts.
12	BED LEVEL	+	258.750	M
13	FULL SUPPLY LEVEL	+	259.260	M
14	TOP OF BUND LEVEL	+	259.710	M
15	Avg. GL	+	257.500	
1	DEEP BED LEVEL	+	257.500	M
2	CATCHMENT AREA		1.095	sq.km
	M.F.D PRAWINGS;	+	20.87	Cume

## 1. DRAWING NO. GLIS/MSC/UT-19.625/002/2010 - SECTIONS & R.C.C. DETAILS OF BOX

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE	
CLIENT	GOVERNMENT IRRIGATION 8				
PROJECT	GANDIKOATA LIFT IRRIGATION SCHEME MALYALA SUPPLY CHANNEL				
1111.5	UNDER TUNNEL AT KM. 19.625 GENERAL PLAN & SECTIONAL ELEVATION				
CONTRACTORS	KBL - MCCL (J\ HYDERABAD	/)			
DRAWING NO:		5CALE	t	PATE	
GLIS/MSC/UT/ 19.625/001/2010	AS II	NDICATED			