



SD/- Dt: 24.09.2015

perentending Engineer

GNSS Circle, Kadapa

- 7.75MMDIA WEEPHOLES ARE PROVIDED IN WINGS,RETURNS WITH REVERCE FILLERE @1800C/CSTAGGEND BOTH
VERTICULLY & HORIZONTLY

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 & DROP	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.	
		28.940	
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 5.000	mts. mts.
11	LOSS OF HEAD	0.020	mts.
12	BED LEVEL	+ 234.036	M
13	FULL SUPPLY LEVEL	+ 234.876	M
14	TOP OF BUND LEVEL	+ 235.376	M
15	Avg. GL	+ 232.900	
1	DEEP BED LEVEL	+ 232.900	M
2	CATCHMENT AREA	0.140	sq.kms.
3	M.F.D	+ 4.46	Cumecs

REFERENCE DRAWINGS:

1. DRAWING NO. GLIS/SKC/UT-27.900/002/2010 - 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. 28.940 GENERAL PLAN & SECTIONAL ELEVATION			
CONTRACTORS	KBL - MCCL (JV) HYDERABAD			
DRAWING NO:	SCALE		DATE	
GLIS/SKC/UT/ 27.900/001/2010	AS INDICATED			