

NOTES AND SPECIFICATIONS

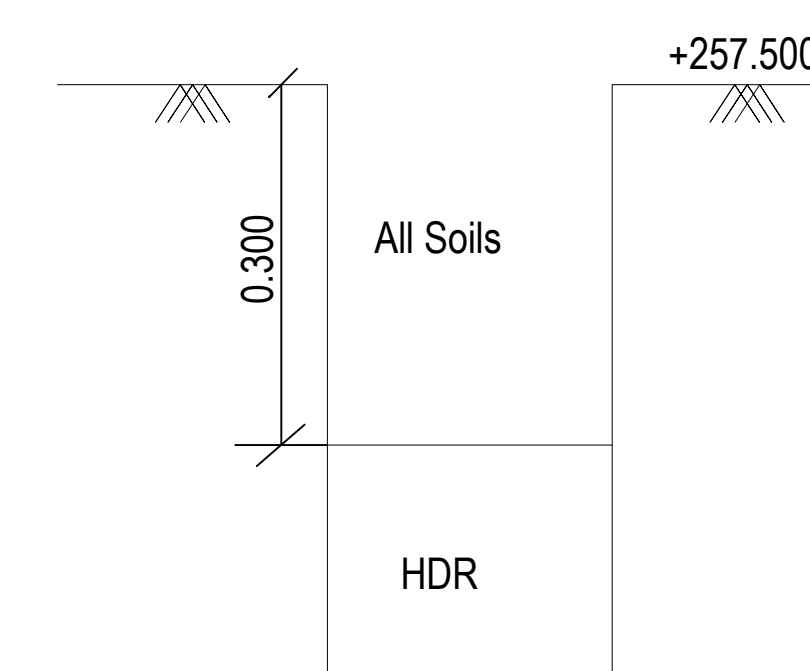
1. ALL DIMENSIONS ARE IN MILLIMETRES AND THE LEVELS ARE IN METRES

- NOTES AND SPECIFICATIONS

1. ALL DIMENSIONS ARE IN MILLIMETRES AND THE LEVELS ARE IN METRES

HALF PLAN AT FOUNDATION AND HALF PLAN AT TOP

SCALE 1:100



Trail Pit @ km 19.625

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

HYDRAULIC PARTICULARS

CANAL:

SL.NO.	PARTICULARS	CANAL @ KM. 19.625
1	DISCHARGE (REQD.)	0.426 cumecs
2	DISCHARGE (DES.)	0.470 cumecs
3	BED WIDTH	1.930 mts.
4	FULL SUPPLY DEPTH	0.510 mts.
5	VELOCITY	0.373 mts/sec
6	BED FALL	1 in \$800
7	COEFFT. OF RUGOSITY	0.0180
8	FREE BOARD	0.45 mts
9	SIDE SLOPES	1.0 : 1
10	TOP WIDTH OF BANKS (LEFT) (RIGHT)	2.500 mts. 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.kms.
3	M F D	+ 20.87 Cumecs

REFERENCE DRAWINGS:

1. DRAWING NO. GLIS/MS/UT-19.625/002/2010 - 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 MALYALA SUPPLY CHANNEL			
TITLE	UNDER TUNNEL AT KM. 19.625 GENERAL PLAN & SECTIONAL ELEVATION			
CONTRACTORS	KBL - MCCL (JV) HYDERABAD			
DRAWING NO:	SCALE		DATE	
GLIS/MSC/UT/ 19.625/001/2010	AS INDICATED			