



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.FOLLOW FIGURED DIMENSIONS AND DO NOT SCALE THE DRAWING.
2. MINIMUM COVER TO ALL REINFORCEMENT SHALL BE 40 MM TO ENSURE PROPER COVER OF CONCRETE TO REINFORCEMENT.
3. ALL REINFORCING STEEL SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS, (FE 415) CONFORMING TO IS 1786 - 1985.
4. JOINTS OR LAPPING OF BARS IN MAIN REINFORCEMENT SHALL BE AVOIDED AS FAR AS POSSIBLE. HOWEVER IF LAPS ARE INEVITABLE, THE PROVISION IN CLAUSE 304.6.6 OF IRC 21 - 2000 SHALL BE STRICTLY FOLLOWED.
5. BENDING OF REINFORCEMENT BARS SHALL BE AS PER IS - 2502. SUPPORTING CHAIRS OF 12 MM DIA SHALL BE PROVIDED AT SUITABLE INTERVALS AS PER IS - 2502.
6. CONCRETE SHALL BE PREPARED IN THE MECHANICAL MIXERS OF CAPACITY NOT LESS THAN 200 LITRES. PROPER COMPACTION OF CONCRETE SHALL BE ENSURED BY USE OF FORM AND NEEDLE VIBRATORS.
7. ALL HAUNCHES PROPOSED IN THE BOXES ARE OF 150 X 150 SIZE

CONCRETE SPECIFICATIONS

S.NO.	PARTICULARS	GRADE OF CEMENT CONCRETE AS PER IS:456-2000	MAX SIZE OF GRADED COARSE AGGREGATE AS PER IS:383
A	APRON, BED CONCRETE	CC M15 GRADE	40 MM
B	WINGS, RETURNS, HEAD WALLS, FOUNDATIONS	CC M15 GRADE	40 MM
C	WEARING COAT	CC M20 GRADE	20 MM
D	SEALING COAT	CC M25 GRADE	20 MM
E	BOX	RCC M20 GRADE	20 MM
F	C.C.LINING	CC M 15	20 MM
G	CUT OFF	CC M 15	40 MM

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOTA LIFT IRRIGATION SCHEME FEEDER CHANNEL			
TITLE	OFF TAKE SLUICE @ KM.3.25 RCC DETAILS OF BOX			
CONTRACTORS	KBL - MCCL (JV) HYDERABAD			
DRAWING NO:	SCALE		DATE	
GLIS/FC/OT/ 3.25/002/2009	AS INDICATED			