



ASST.EXECUTIVE ENGINEER
GNSS CIRCLE,KADAPA

SD/- DATED:17.11.2009
SUPERINTENDING ENGINEER
GNSS CIRCLE,KADAPA

NOTES AND SPECIFICATIONS

- ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- THE DESIGN IS ACCORDING TO THE FOLLOWING BRIDGE AND IS CODES:
1) IRC 5 - 1998 2) IRC 6 - 2000 3) IRC 21 - 2000 AND 4) IS 456 - 2000.
- MINIMUM COVER TO ALL REINFORCEMENT INCLUDING STIRRUPS SHALL BE 40MM UNLESS OTHER WISE SPECIFIED.
- ALL REINFORCEMENT STEEL SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS (Fe 415) CONFORMING TO IS 1786 - 1985.
- 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.
- BENDING OF REINFORCEMENT BARS SHALL BE AS PER IS -2502. SUPPORTING CHAIRS OF 12Ø SHALL BE STRICTLY FOLLOWED.
- 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.
- BACK FILLING SHALL BE DONE SIMULTANEOUSLY WITH THE RAISING OF THE STRUCTURE WITH Ø VALUE OF SOIL NOT LESS THAN 28° OR 'K' VALUE NOT MORE THAN 3 M/YEAR.
- IF THE STRATA MET WITH AT FOUNDATION LEVEL DURING EXECUTION IS DIFFERENT FROM WHAT IS CONSIDERED IN THE DESIGN (SHOWN IN STRESS TABLE), THE SECTION NEEDS TO BE RE DESIGNED

REFERENCE DRAWINGS

- DRAWING NO. PET/DLB/001/2009- GENERAL PLAN AND SECTIONS

NOTE:-

- DECK SLAB IS DESIGNED BASED ON MOST DRAWINGS
- APPROACH SLAB, RAILING, DRAINAGE SPOUTS, EXPANSION JOINTS, APPROACHES Etc., AS PER MOST DRAWINGS

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOTA LIFT IRRIGATION SCHEME SANTHAKOVUR DISTRIBUTORY			
TITLE	DOUBLE LANE ROAD BRIDGE AT KM. 12.965 GENERAL PLAN AND SECTIONS			
CONTRACTORS	M/S KBL - MCCL (JV) PUNE			
CONSULTANTS	PADMA ENGINEERING TEAM 3A, JAIN AASHRITA, 274, 3RT, S.R.NAGAR, HYDERABAD - 38			
DRAWING NO:	SHEET No	SCALE	DATE	
PET/DLB/002/2009	2 OF 2	AS INDICATED	09/08/2009	