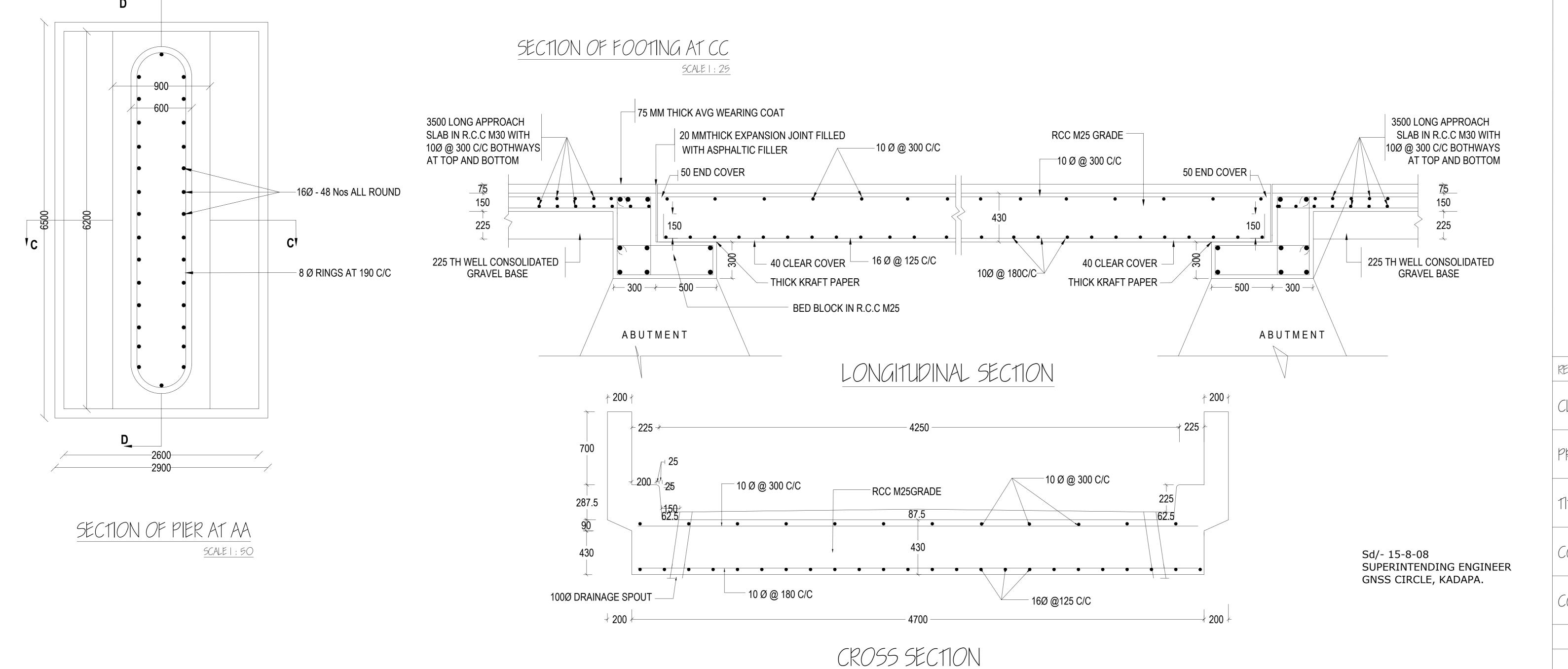
REINFORCEMENT DETAILS IN FOOTING IS NOT INDICATED HERE FOR CLARITY + 247.600 + 247.525 - 600 THICK SOLID PIER IN RCC M25 10 Ø AT 210 C/C 4 NOS - 10 Ø 8 NOS - 10 Ø **BOTH WAYS** + 247.095 - FOOTING IN RCC M20 10 Ø 2-LEGGED STIRRUPS AT 300 C/C + 246.270 + 244.150 -300 THICK SOLID BED BLOCK IN RCC M25 + 245.970 + 243.400 ---- 10 Ø AT 210 C/C RCC DETAILS OF ABUTMENT BED BLOCK 16 Ø AT 220 C/C -- 16Ø - 52 Nos ALL ROUND AND DIRT WALL SECTION OF FOOTING AT DD SCALE 1:50 SCALE 1:50 - 8 Ø RINGS AT 190 C/C 6 NOS - 10 Ø 10 Ø-2L-STIRRUPS @300 C/C -650 THICK SOLID PIER IN RCC M25 _12 Ø 2 No.s 10 Ø @ 200 C/C RCC DETAILS OF PIER BED BLOCK EARTH | 8 Ø @ 300 C/C 8 Ø @ 300 C/C SCALE 1:25 12 Ø @ 200 C/C FOOTING IN RCC M20 (REINFORCEMENT DETAILS IN FOOTING $\frac{100}{100}$ 10 Ø 2 No.s IS NOT INDICATED HERE FOR CLARITY) + 244.150 + 243.850 SEC 'A-A' + 243.550 REINFORCEMENT DETAILS IN FOOTING FLY WING LEVELLING COURSE IN CC M10 + 243.400 IS NOT INDICATED HERE FOR CLARITY -2600-**-2900**--- 600 THICK SOLID PIER IN RCC M25 10 Ø AT 210 C/C FOOTING IN RCC M20 **BOTH WAYS** SECTION OF PIER SCALE 1:50 + 243.400 16 Ø AT 220 C/C -- 10 Ø AT 210 C/C

NOTES AND SPECIFICATIONS

- 1 ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- 2 DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- 3 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.
- 4 MINIMUM COVER TO ALL REINFORCEMENT INCLUDING STIRRUPS SHALL BE 40MM UNLESS OTHER WISE SPECIFIED.
- 5 ALL REINFORCEMENT STEEL SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS (Fe 415) CONFORMING TO IS 1786 1985.
- 6 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.
- 7 BENDING OF REINFORCEMENT BARS SHALL BE AS PER IS -2502. SUPPORTING CHAIRS OF 12Ø SHALL BE STRICTLY FOLLOWED.
- 8 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.
- 9 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.
- 10 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

1. DRAWING NO. SKD/SLRB/001/2008 - GENERAL PLAN AND SECTIONS



EVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
ROJECT	GANDIKOTA LIFT IRRIGATION SCHEME SANTHAKOVUR DISTRIBUTORY			
11LE	DOUBLE LANE ROAD BRIDGE AT KM 2.025 R.C.C DETAILS OF PIER, PIER FOOTING AND ABUTMENT			
CONTRACTORS				
CONSULTANTS	M/S KBL - MCCL (JV) PUNE			
DRAWING NO:	SCALE		DATE	
SKD/SLRB/002/2008	AS INDICATI	ED		