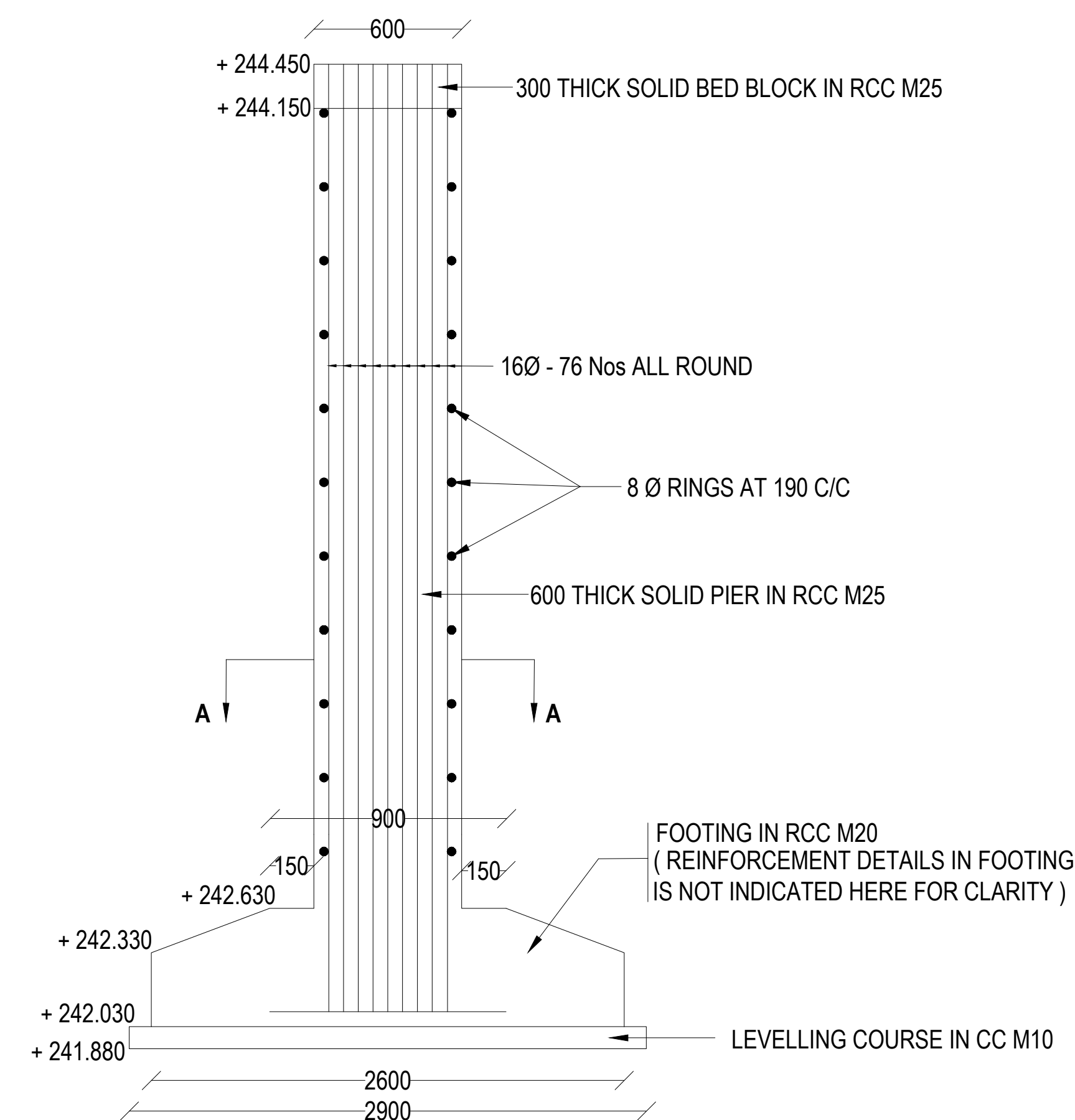


## NOTES AND SPECIFICATIONS

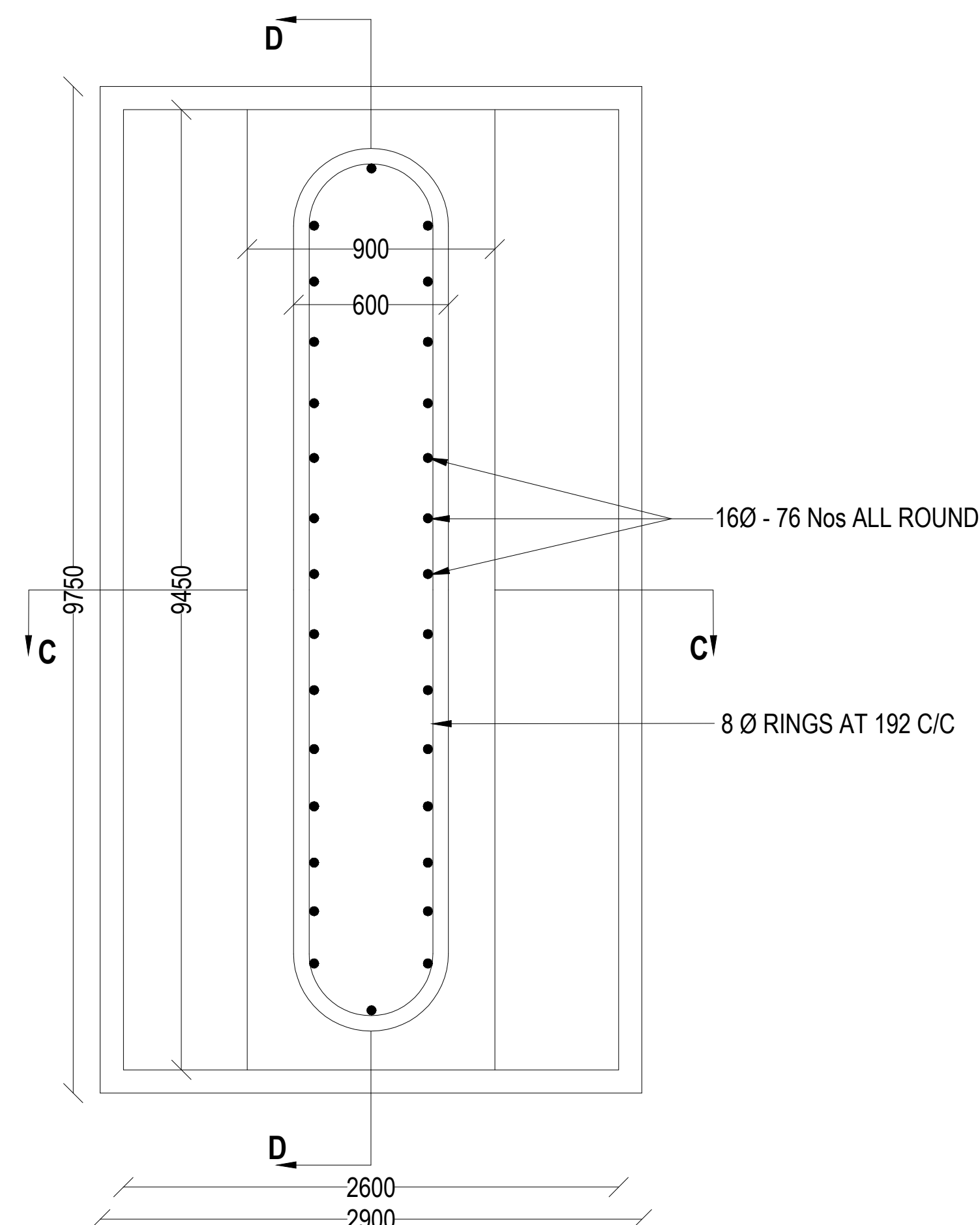
- ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- THE DESIGN IS ACCORDING TO THE FOLLOWING BRIDGE AND IS CODES:  
1) IRC 5 - 1998 2) IRC 6 - 2000 3) IRC 21 - 2000 AND 4) IS 456 - 2000.
- MINIMUM COVER TO ALL REINFORCEMENT INCLUDING STIRRUPS SHALL BE 40MM UNLESS OTHER WISE SPECIFIED TO ENSURE PROPER OF CONCRETE TO REINFORCEMENT.
- 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 WIYH 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

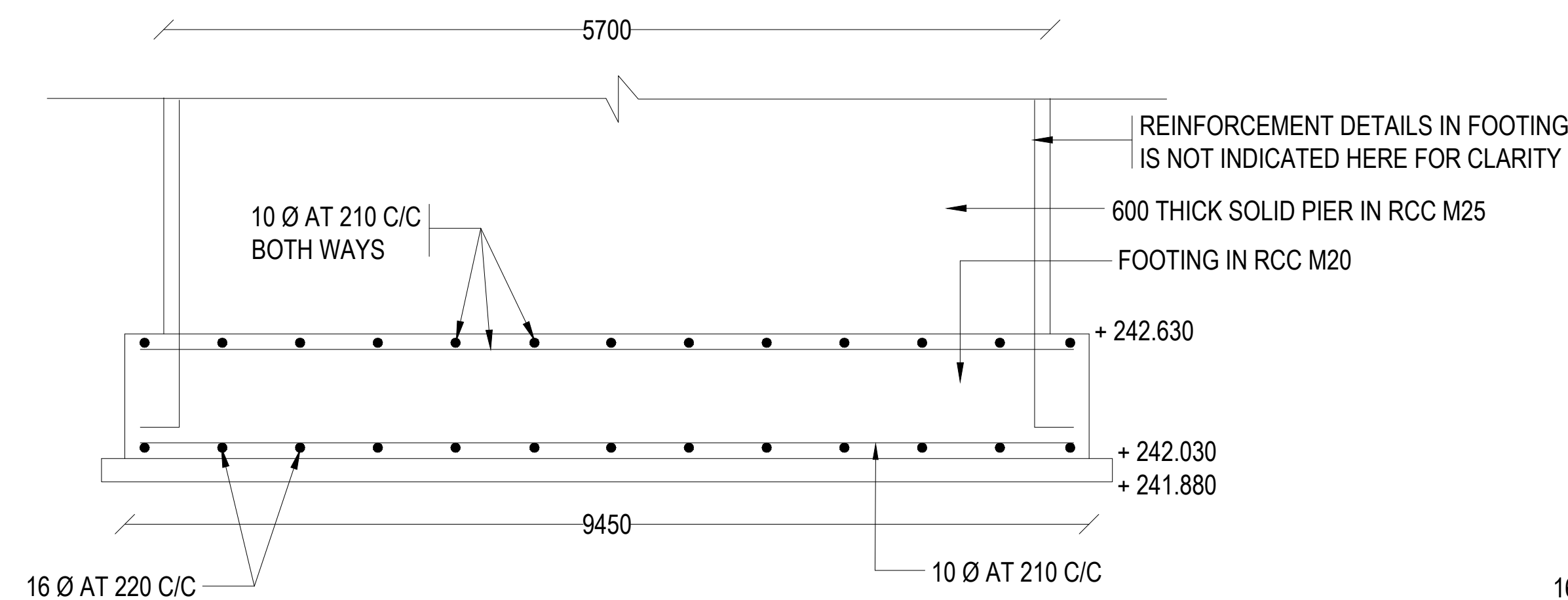
- DRAWING NO. SKD/SLRB/001/2008 - GENERAL PLAN AND SECTIONS



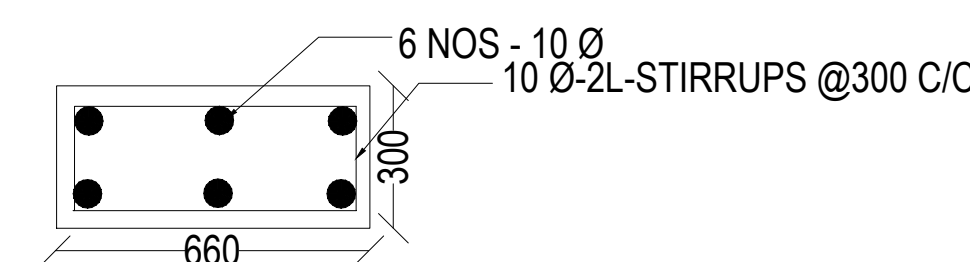
SECTION OF PIER  
SCALE 1 : 50



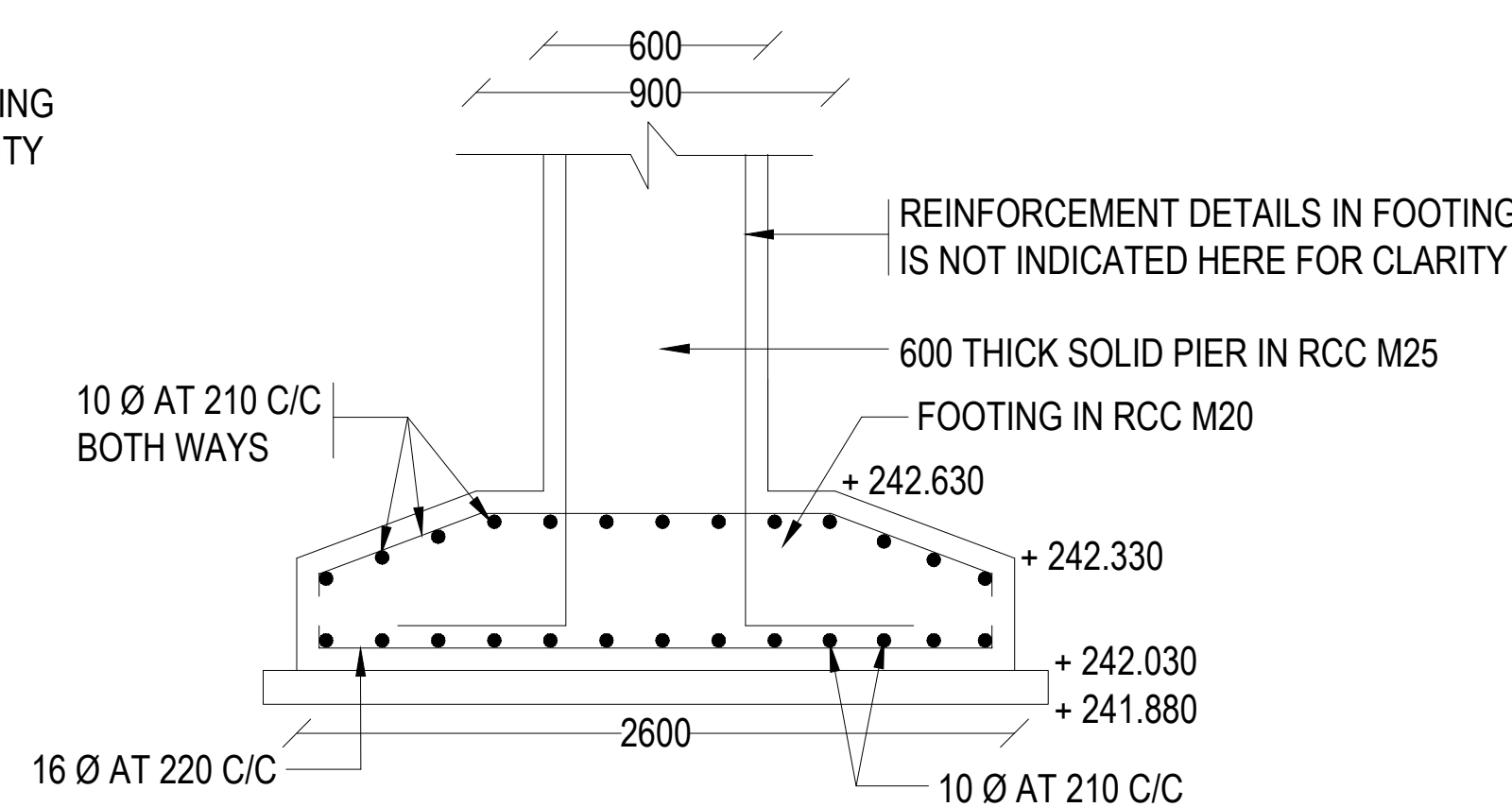
SECTION OF PIER AT AA  
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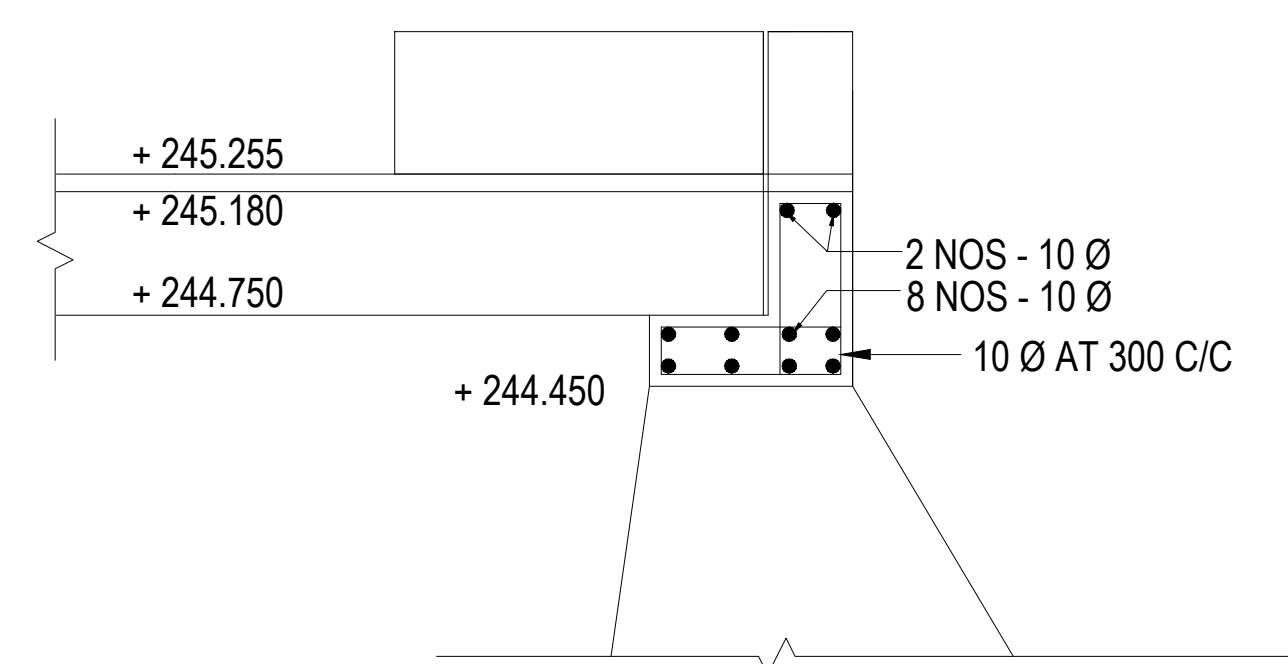
SECTION OF FOOTING AT DD  
SCALE 1 : 50



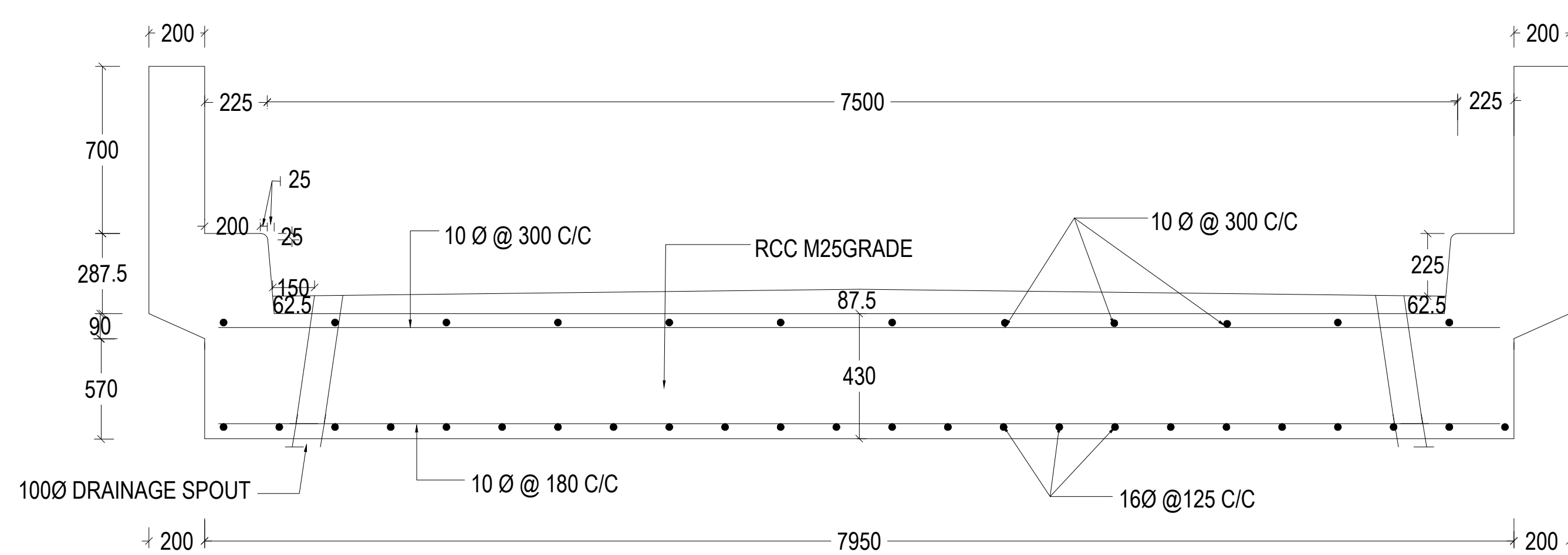
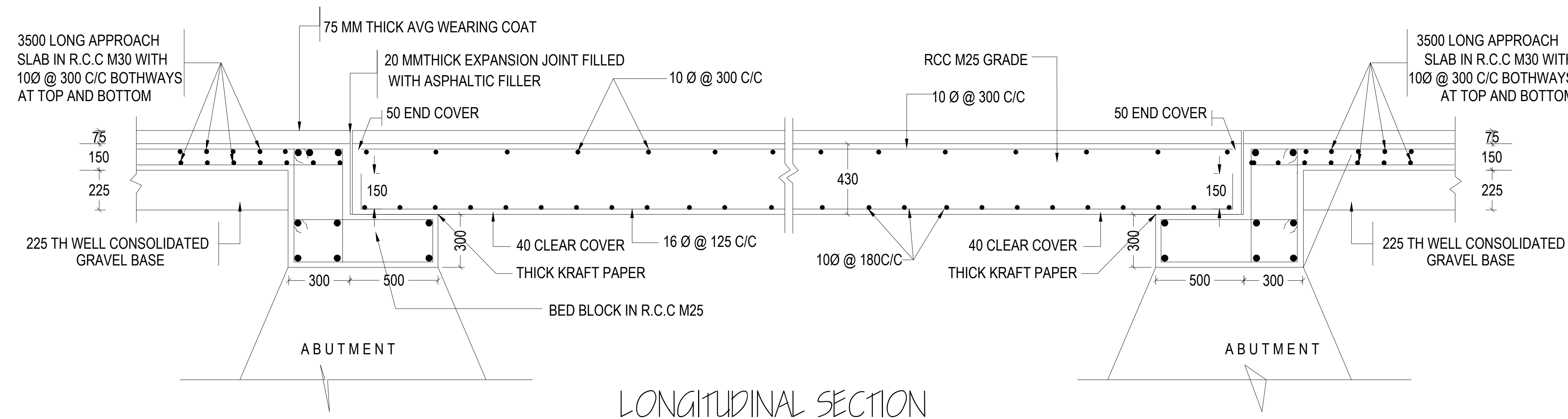
RCC DETAILS OF PIER BED BLOCK  
SCALE 1 : 25



SECTION OF FOOTING AT CC  
SCALE 1 : 25



RCC DETAILS OF ABUTMENT BED BLOCK  
AND DIRT WALL  
SCALE 1 : 50



CROSS SECTION

Sd/- 15-8-08  
SUPERINTENDING ENGINEER  
GNSS CIRCLE, KADAPA.

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOTA LIFT IRRIGATION SCHEME SANTHAKOVUR DISTRIBUTORY			
TITLE	SINGLE LANE ROAD BRIDGE AT KM 5.718 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 INDICATED			