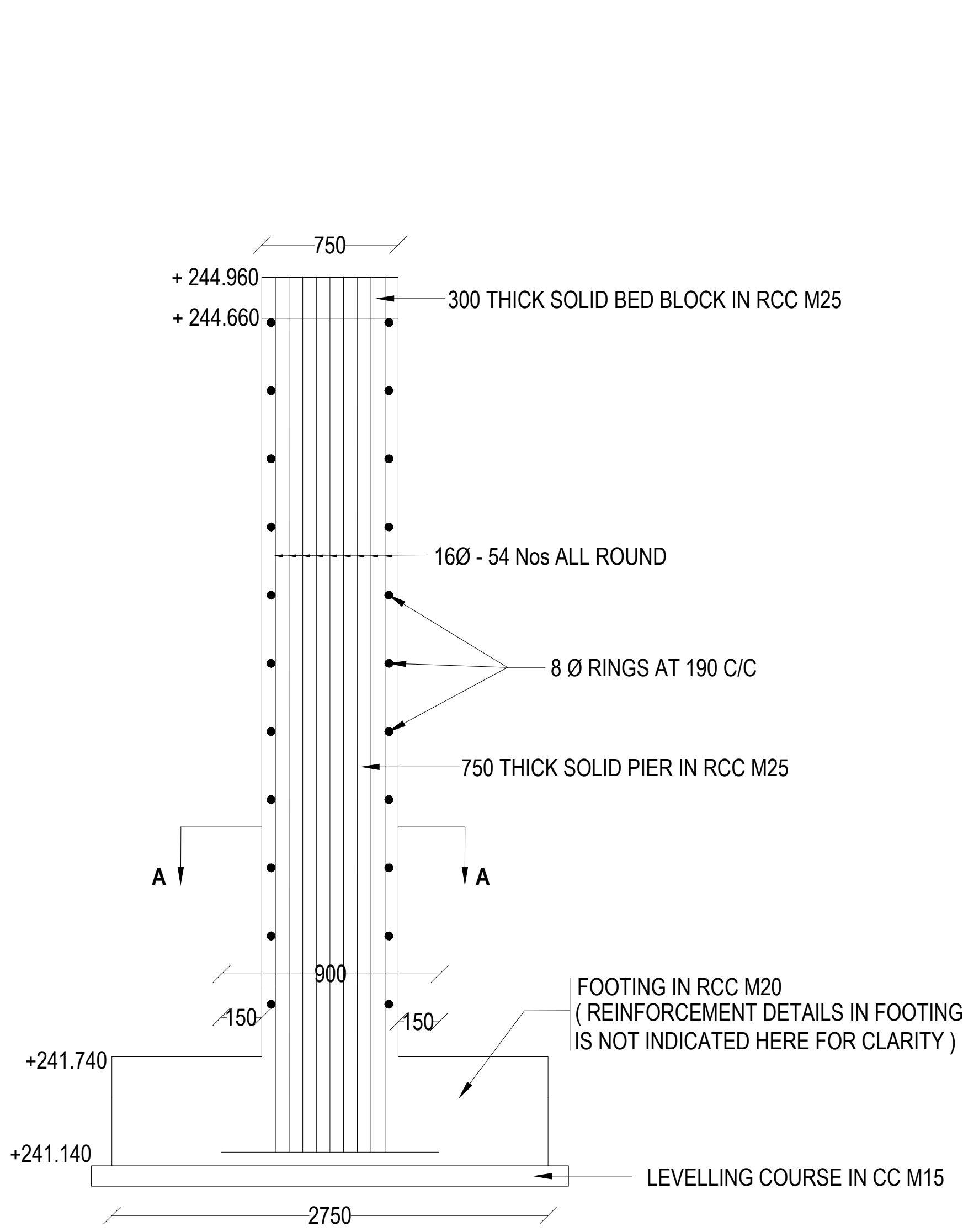


NOTES AND SPECIFICATIONS

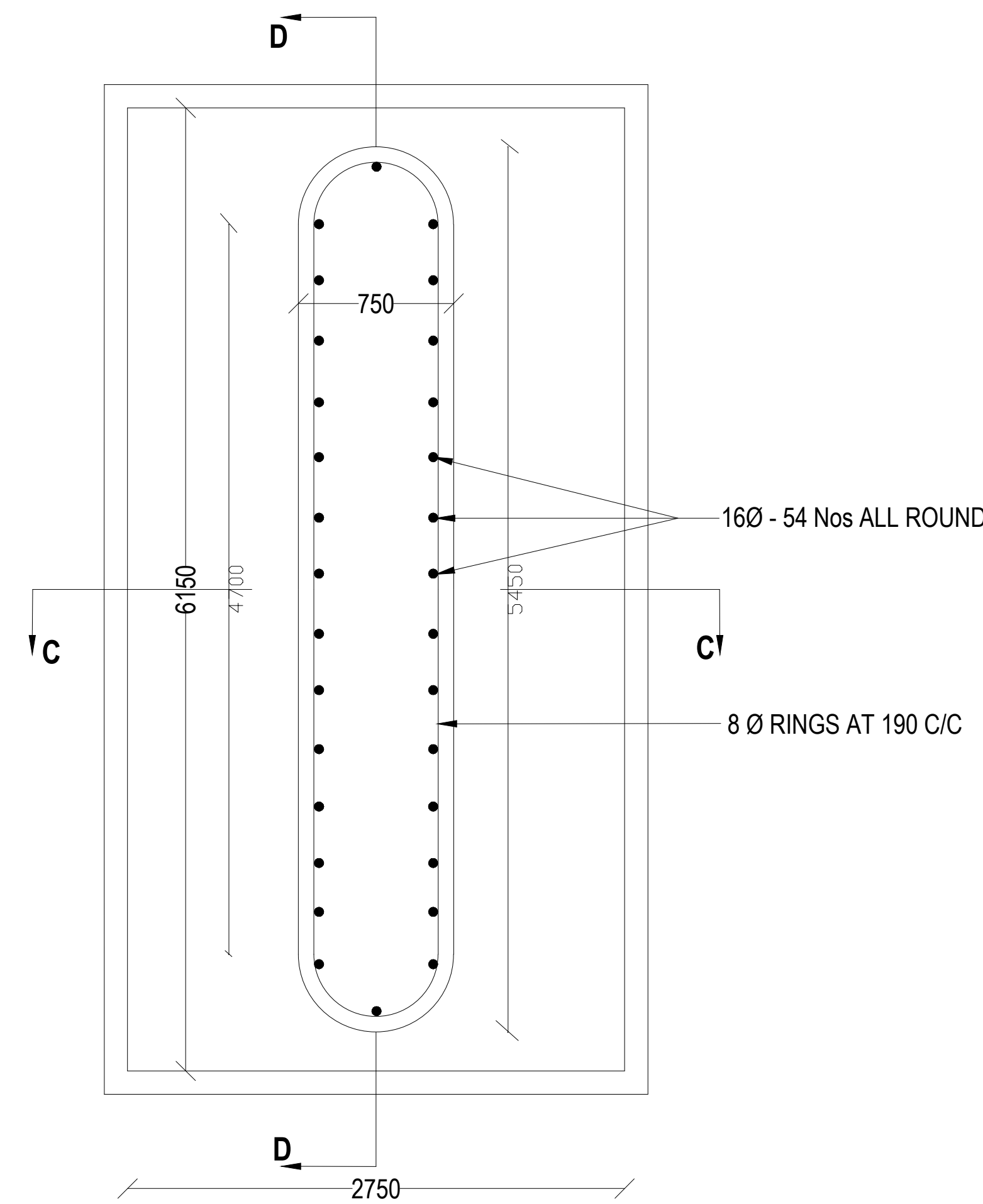
- 1 ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- 2 DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- 3 THE DESIGN IS ACCORDING TO THE FOLLOWING BRIDGE AND IS CODES:
1) IRC 5 - 1998 2) IRC 6 - 2000 3) IRC 21 - 2000 AND 4) IS 456 - 2000.
- 4 MINIMUM COVER TO ALL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

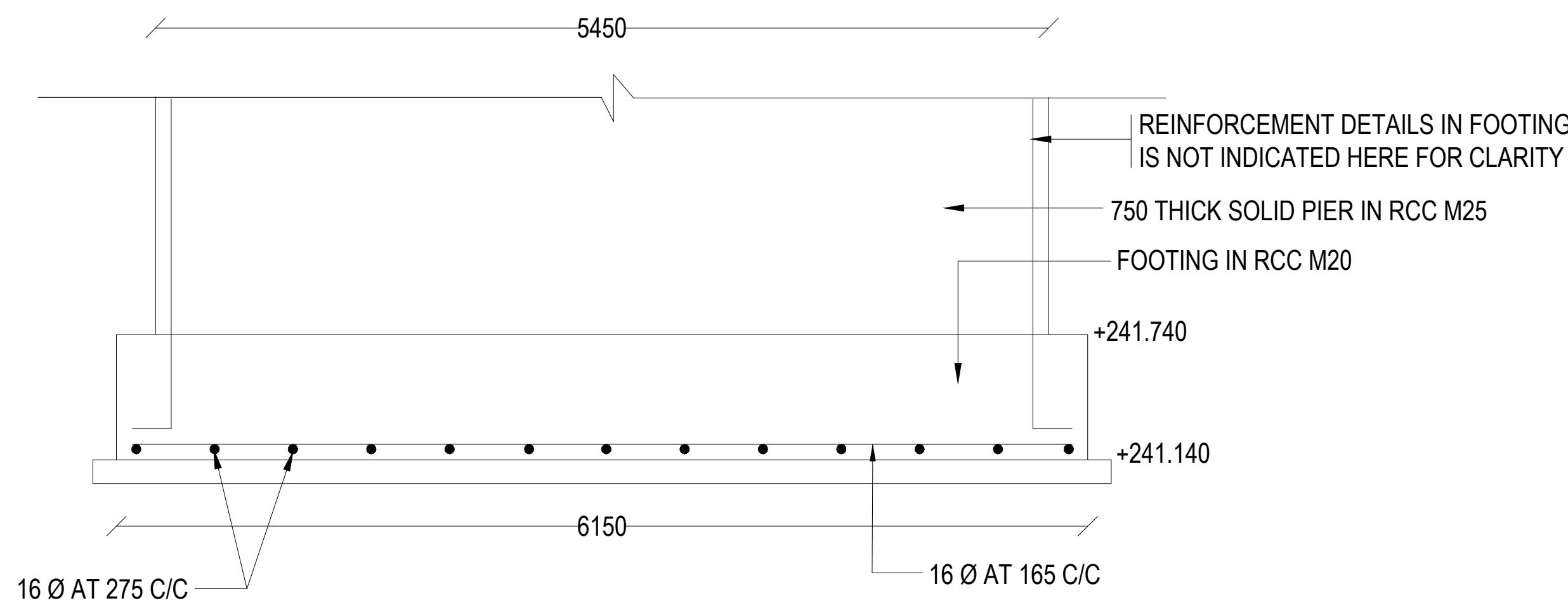
1. DRAWING NO. SKD/SLRB/001/2008 - GENERAL PLAN AND SECTIONS



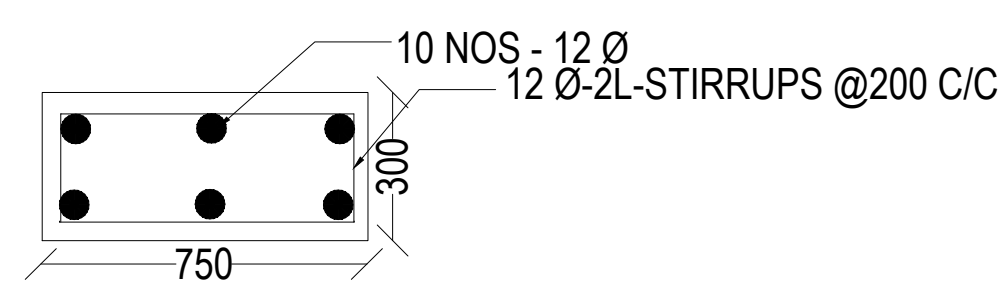
SECTION OF PIER
SCALE 1 : 50



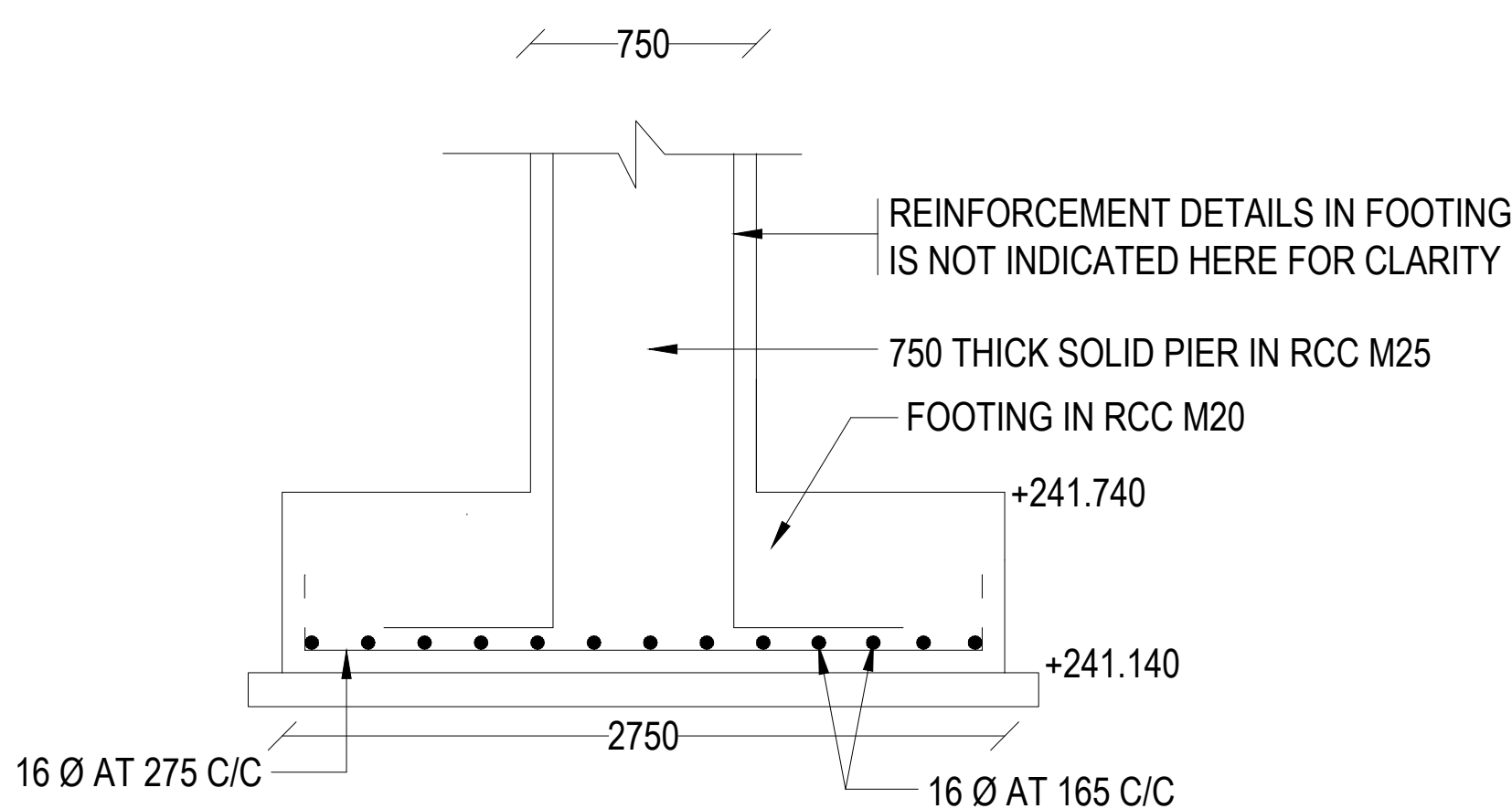
SECTION OF PIER AT AA
SCALE 1 : 50



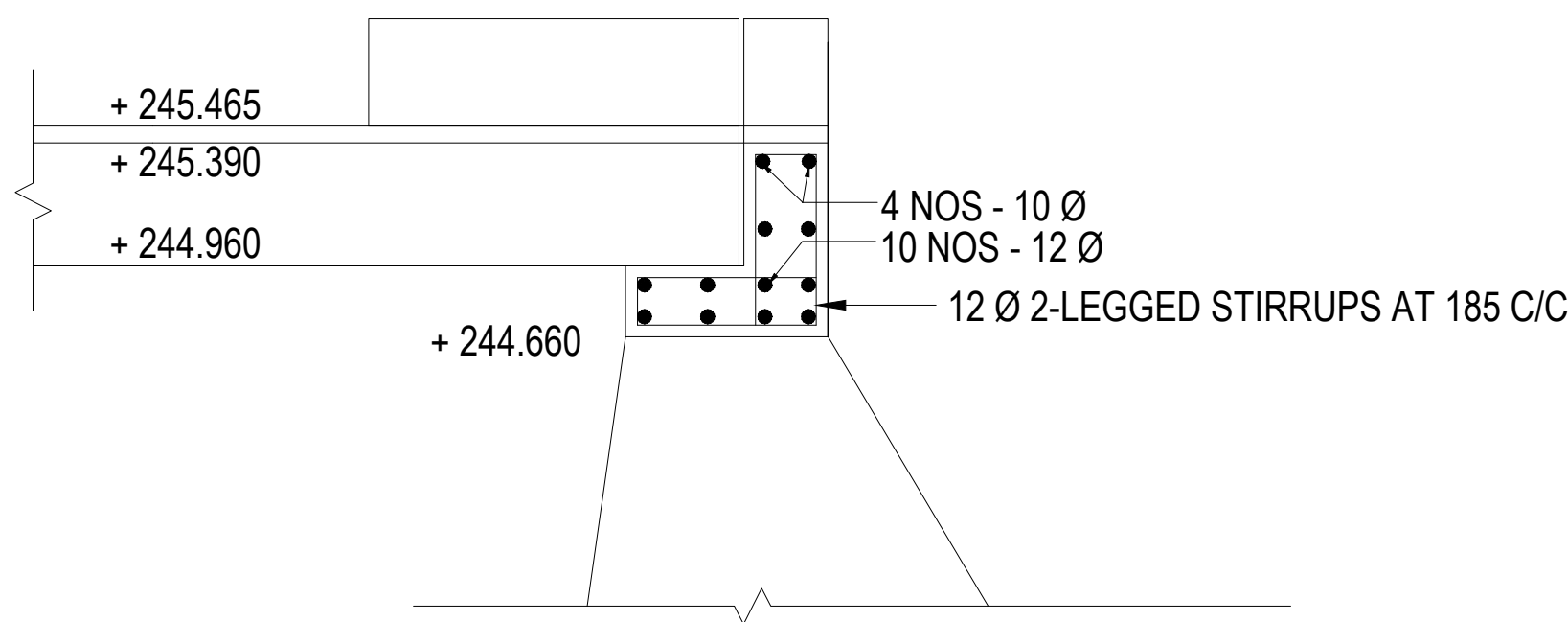
SECTION OF FOOTING AT DD
SCALE 1 : 50



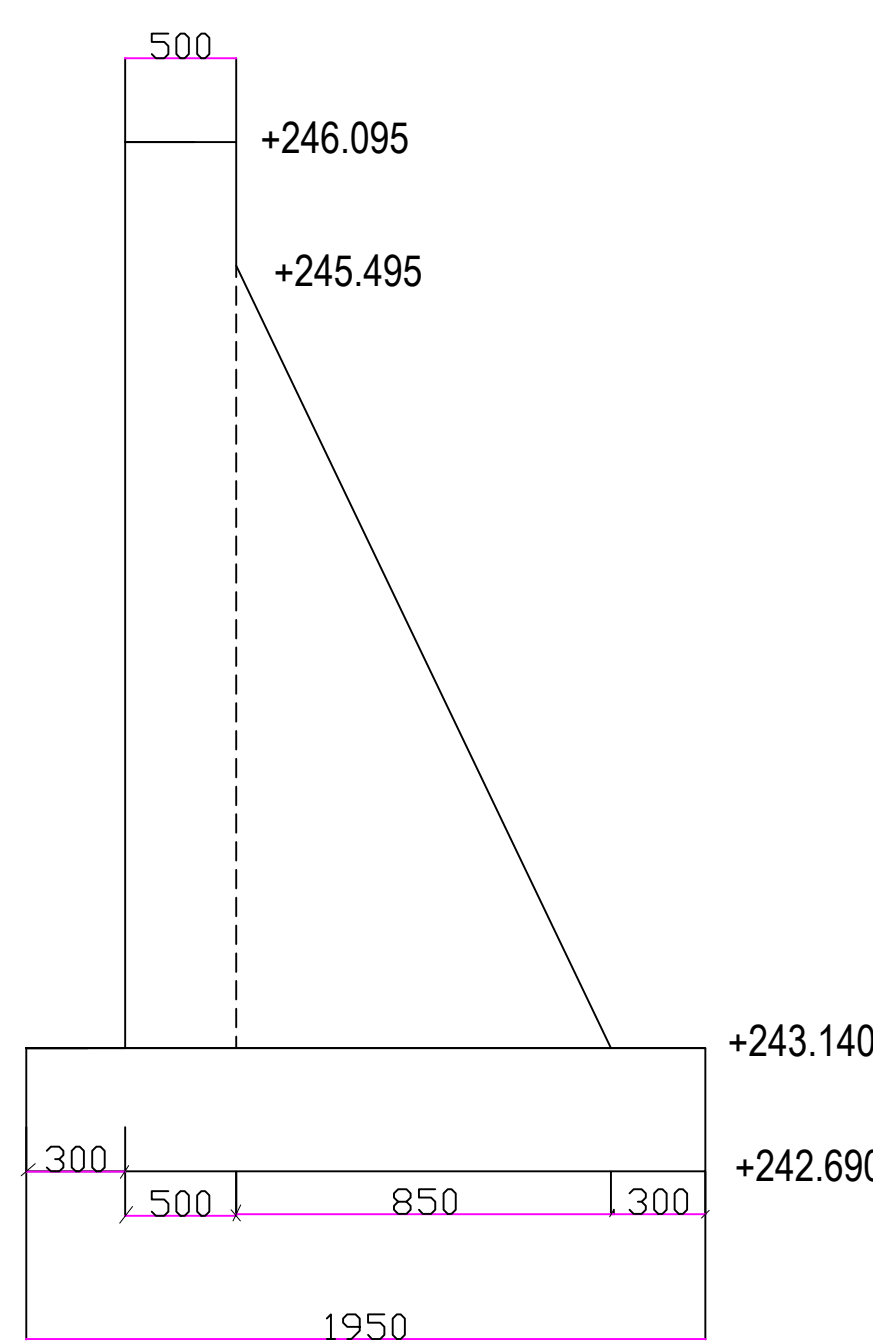
RCC DETAILS OF PIER BED BLOCK
SCALE 1 : 25



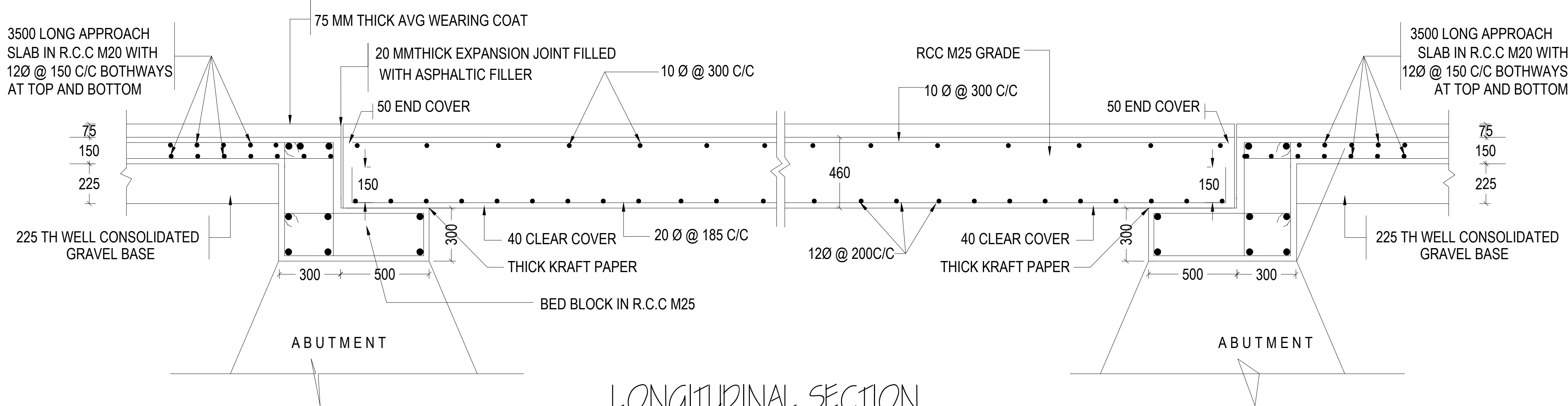
SECTION OF FOOTING AT CC
SCALE 1 : 25



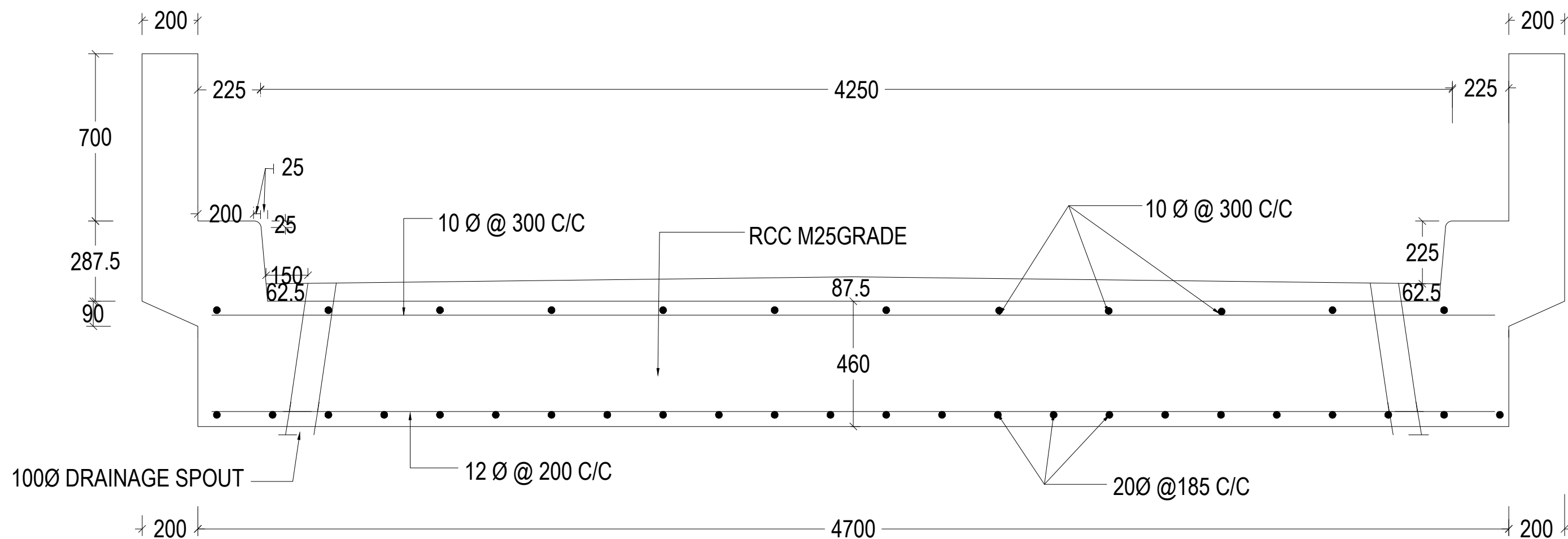
RCC DETAILS OF ABUTMENT BED BLOCK
AND DIRT WALL
SCALE 1 : 50



RETURN WALL



LONGITUDINAL SECTION



CROSS SECTION

ASST.EXECUTIVE ENGINEER
GNSS CIRCLE,KADAPA

SD/- DATED:17.11.2009
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 5.003 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			