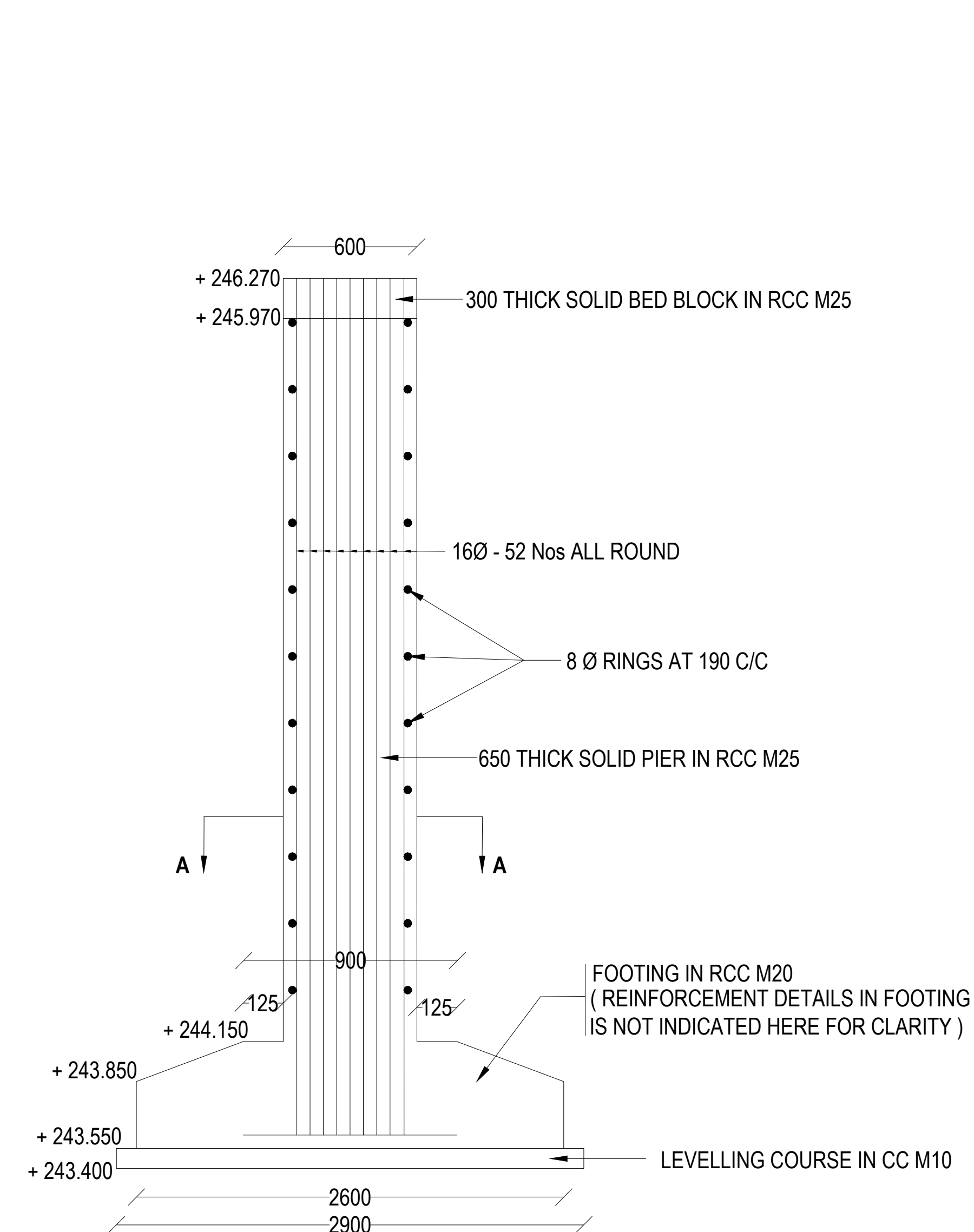


## NOTES AND SPECIFICATIONS

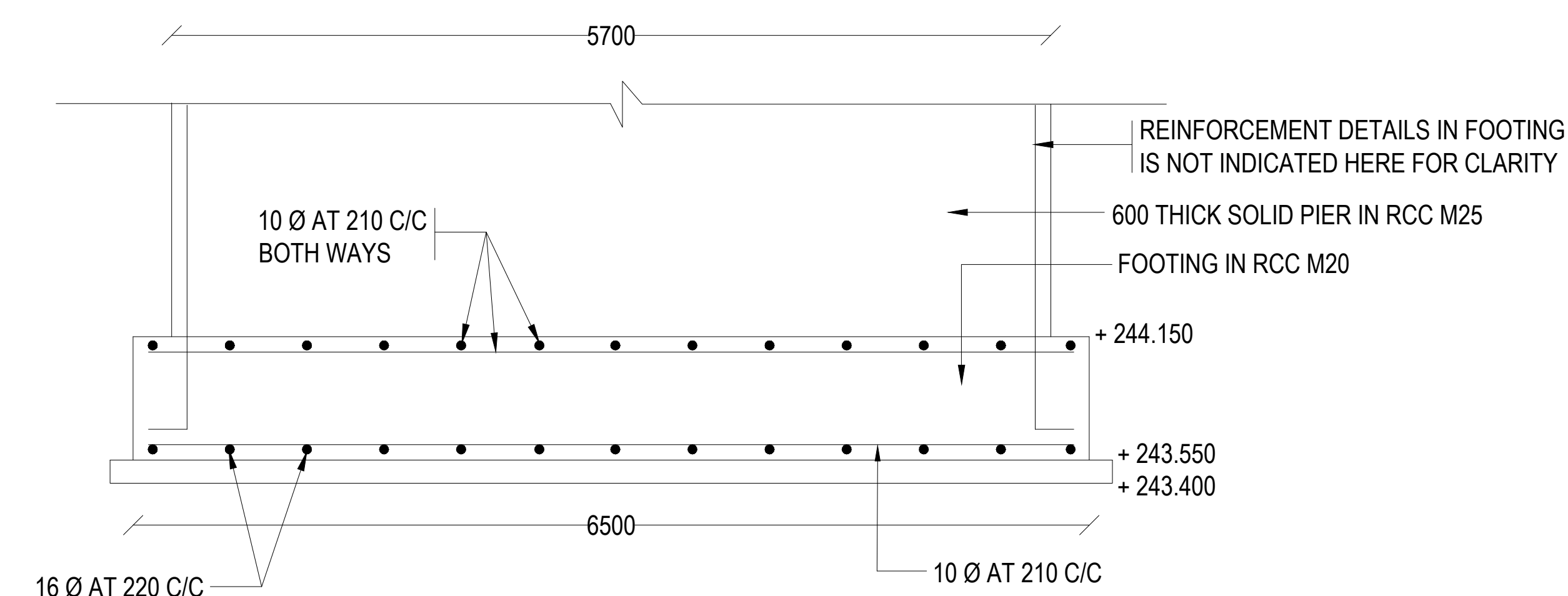
- 1 ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- 2 DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- 3 THE DESIGN IS ACCORDING TO THE FOLLOWING BRIDGE AND IS CODES:  
1) IRC 5 - 1998 2) IRC 6 - 2000 3) IRC 21 - 2000 AND 4) IS 456 - 2000.
- 4 MINIMUM COVER TO 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

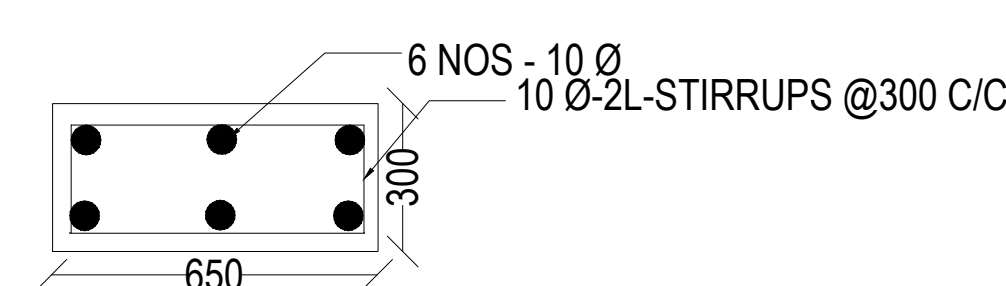
1. DRAWING NO. SKD/SLRB/001/2008 - GENERAL PLAN AND SECTIONS



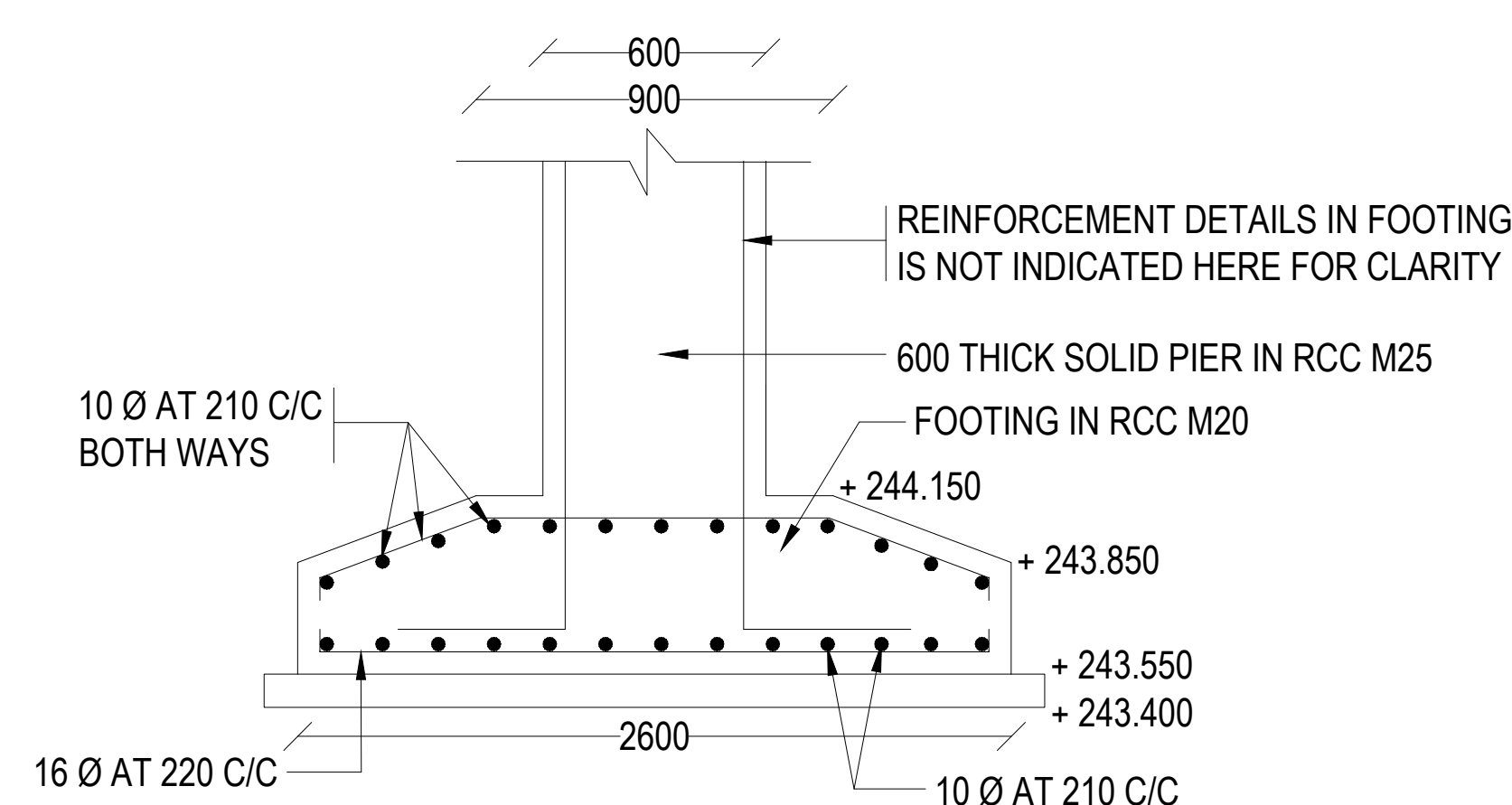
SECTION OF PIER  
SCALE 1:50



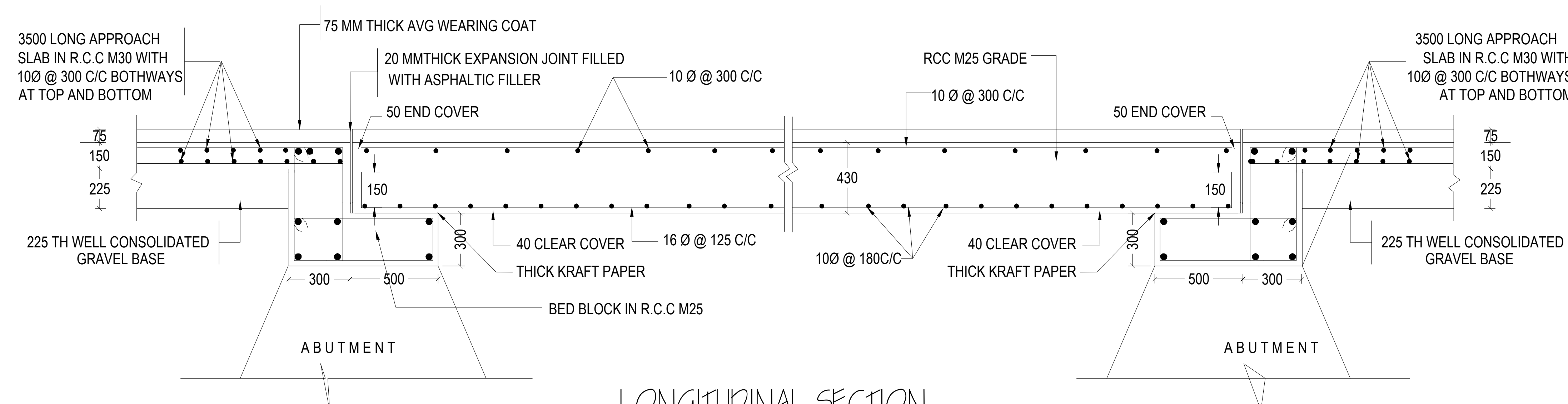
SECTION OF FOOTING AT DD



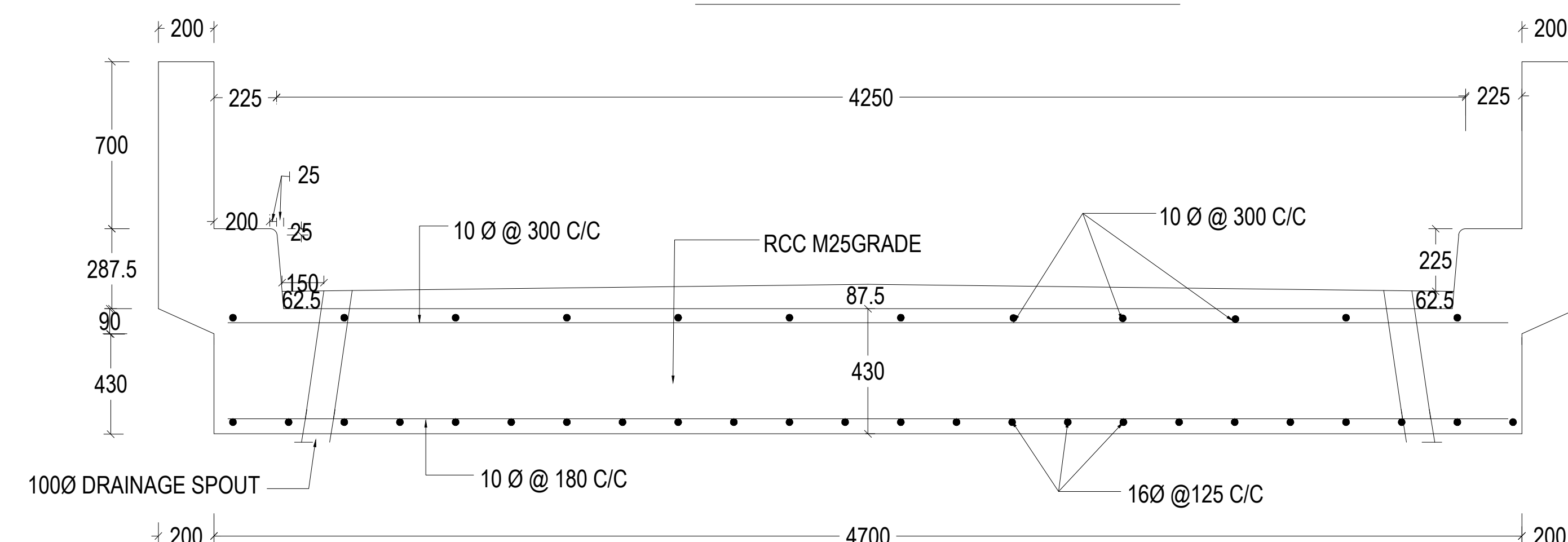
RCC DETAILS OF PIER BED BLOCK



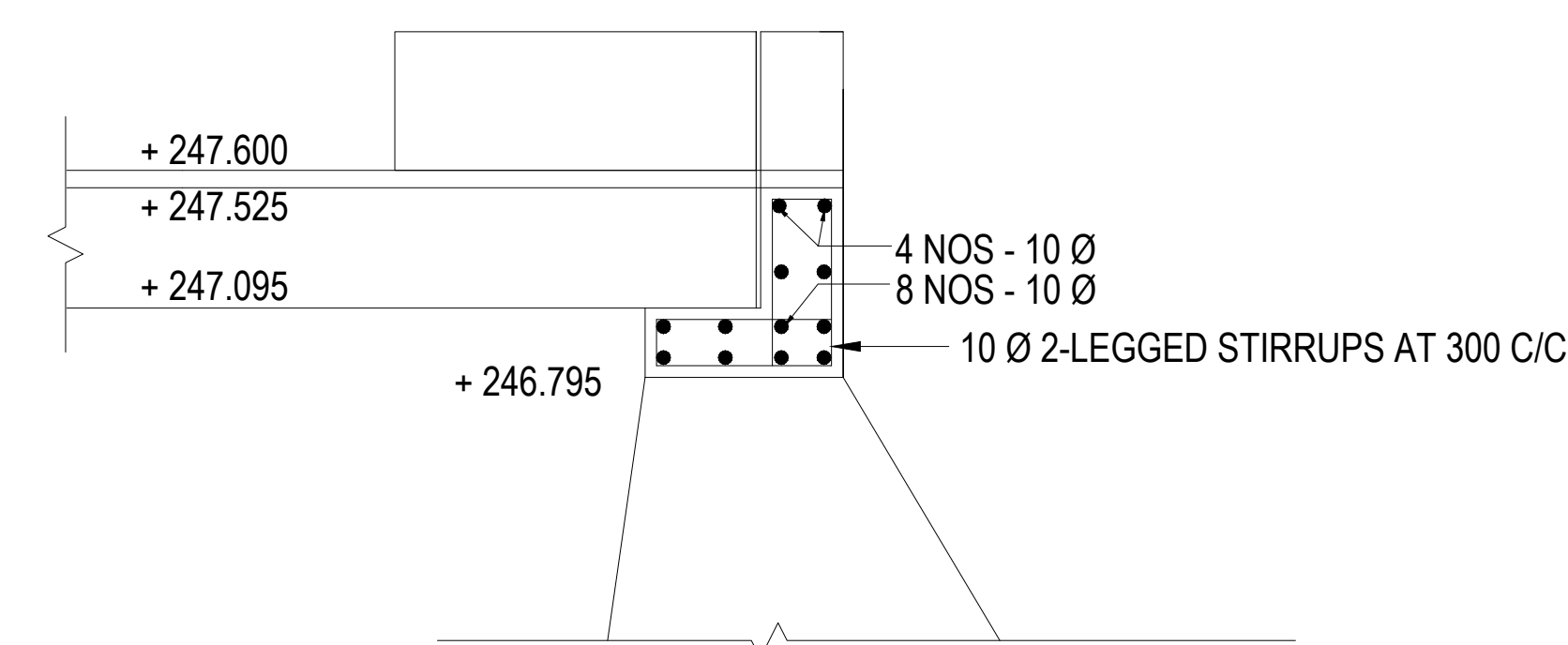
SECTION OF FOOTING AT CC



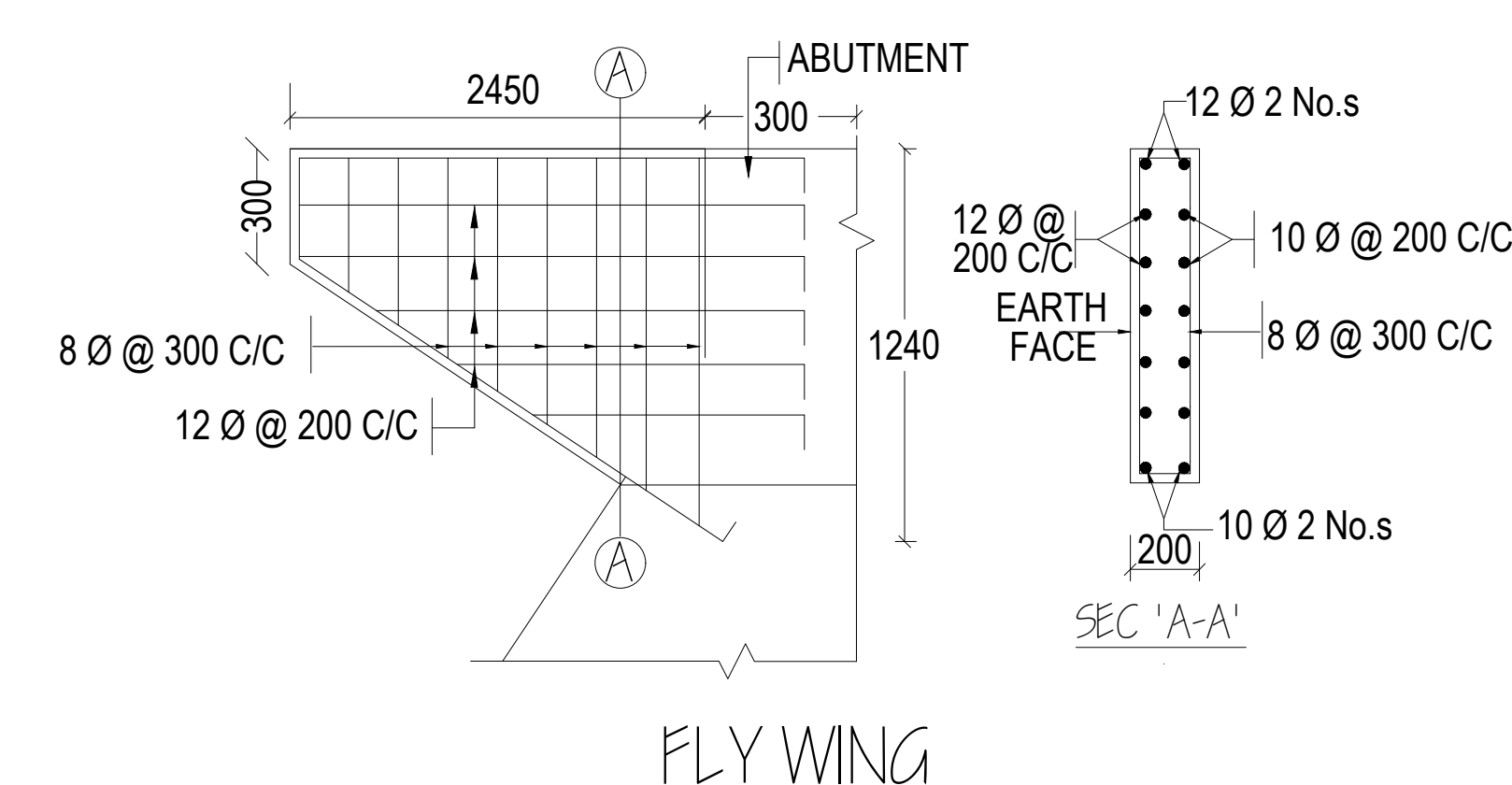
LONGITUDINAL SECTION



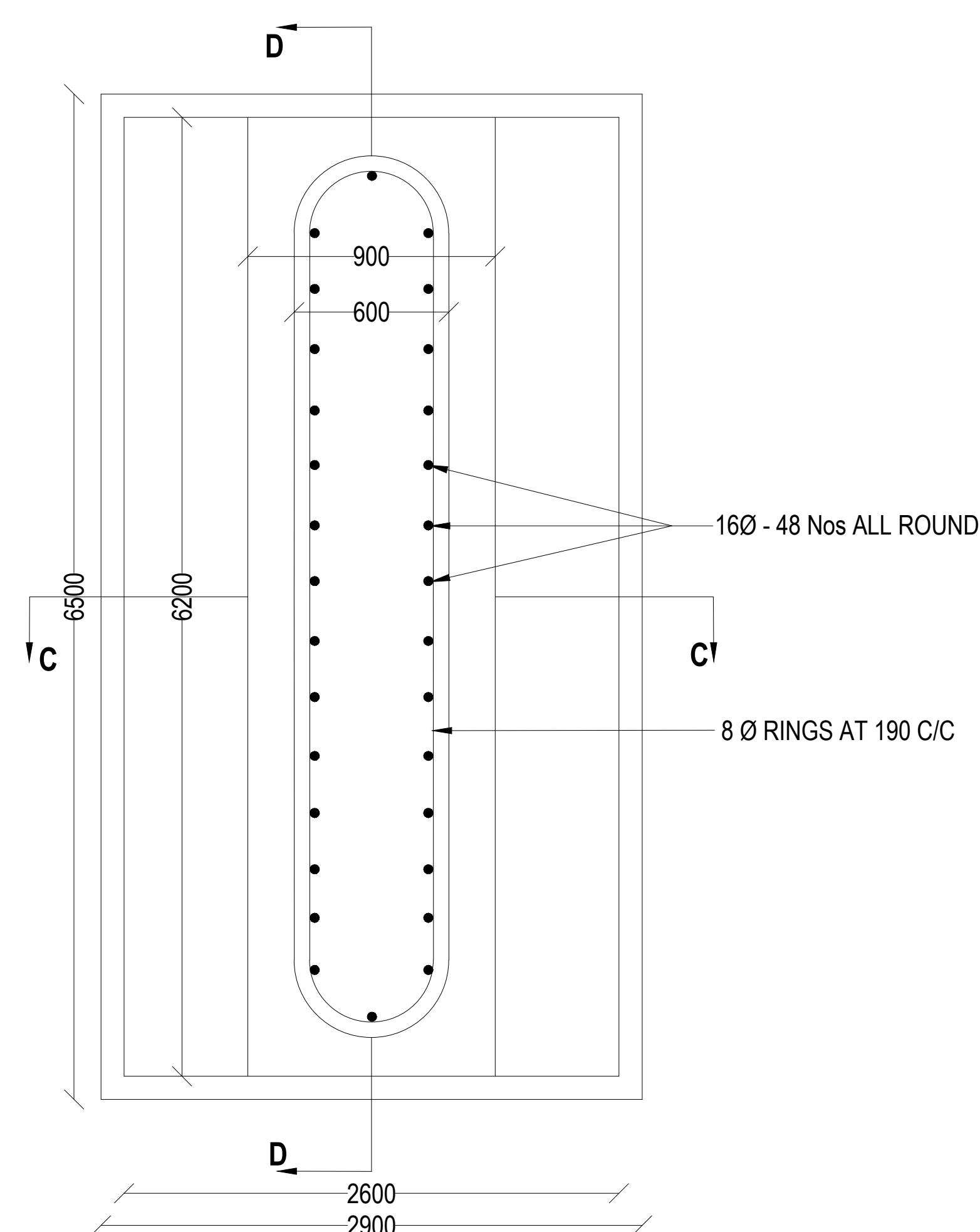
CROSS SECTION



RCC DETAILS OF ABUTMENT BED BLOCK  
AND DIRT WALL



FLY WING



SECTION OF PIER AT AA  
SCALE 1:50

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