

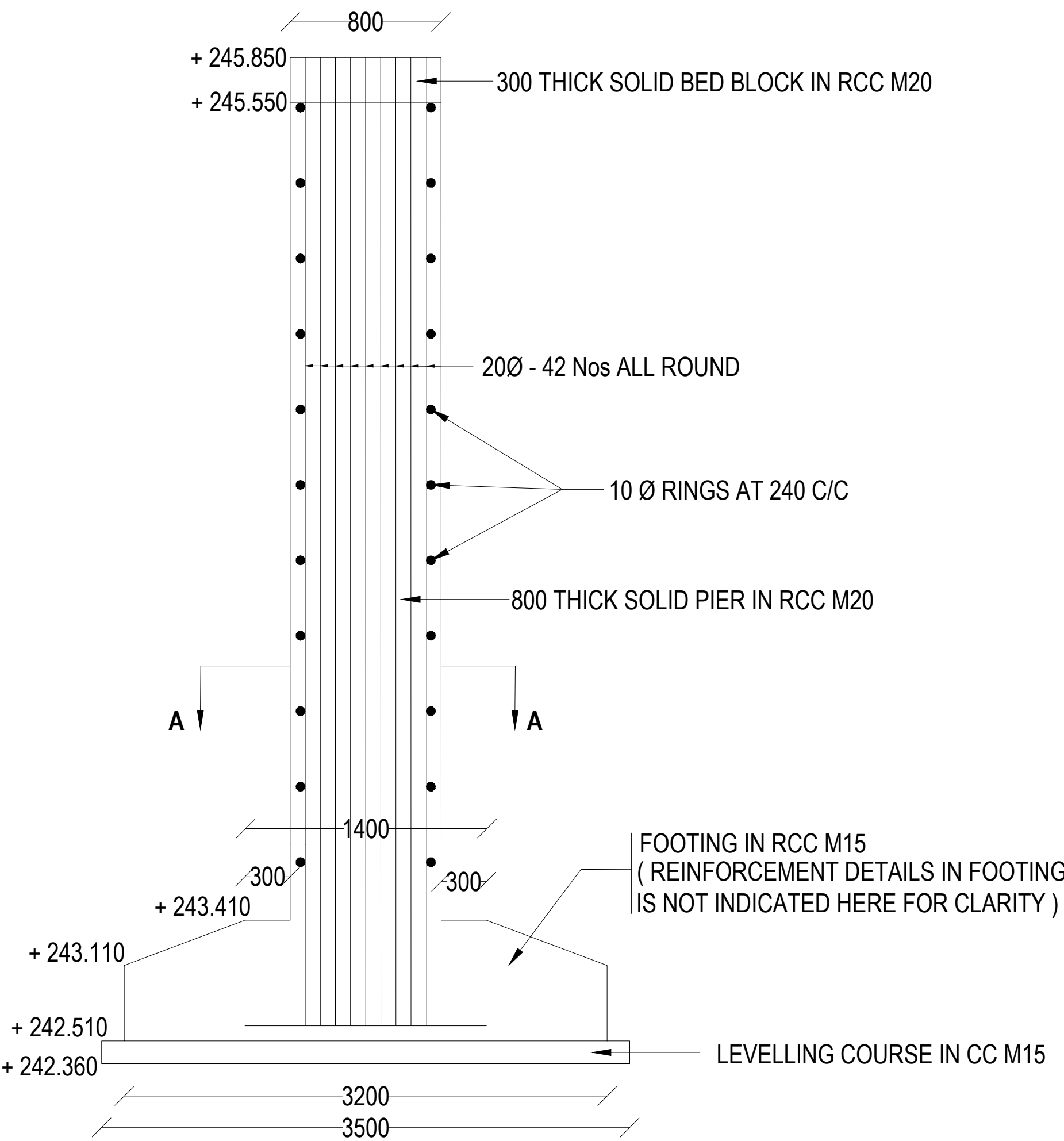
NOTES AND SPECIFICATIONS

- 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

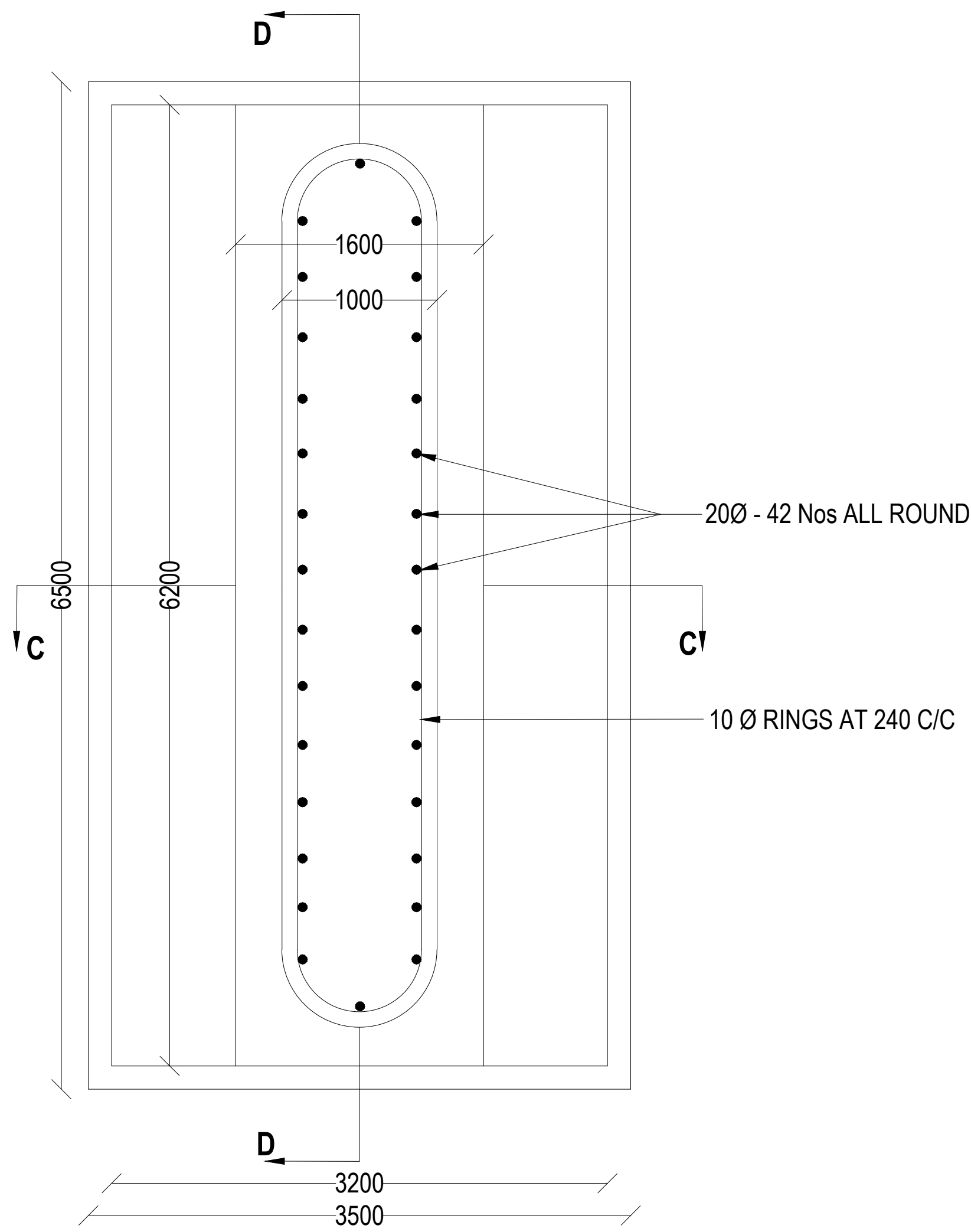
REFERENCE DRAWINGS

1.
- DRAWING NO. GLIP/FC/SLRB-10.775/001/2009 - GENERAL PLAN AND SECTIONS
2.
- DRAWING NO. GLIP/FC/SLRB-10.775/002/2009 - RCC DETAILS OF DECK SLAB, KERB AND BED BLOCK

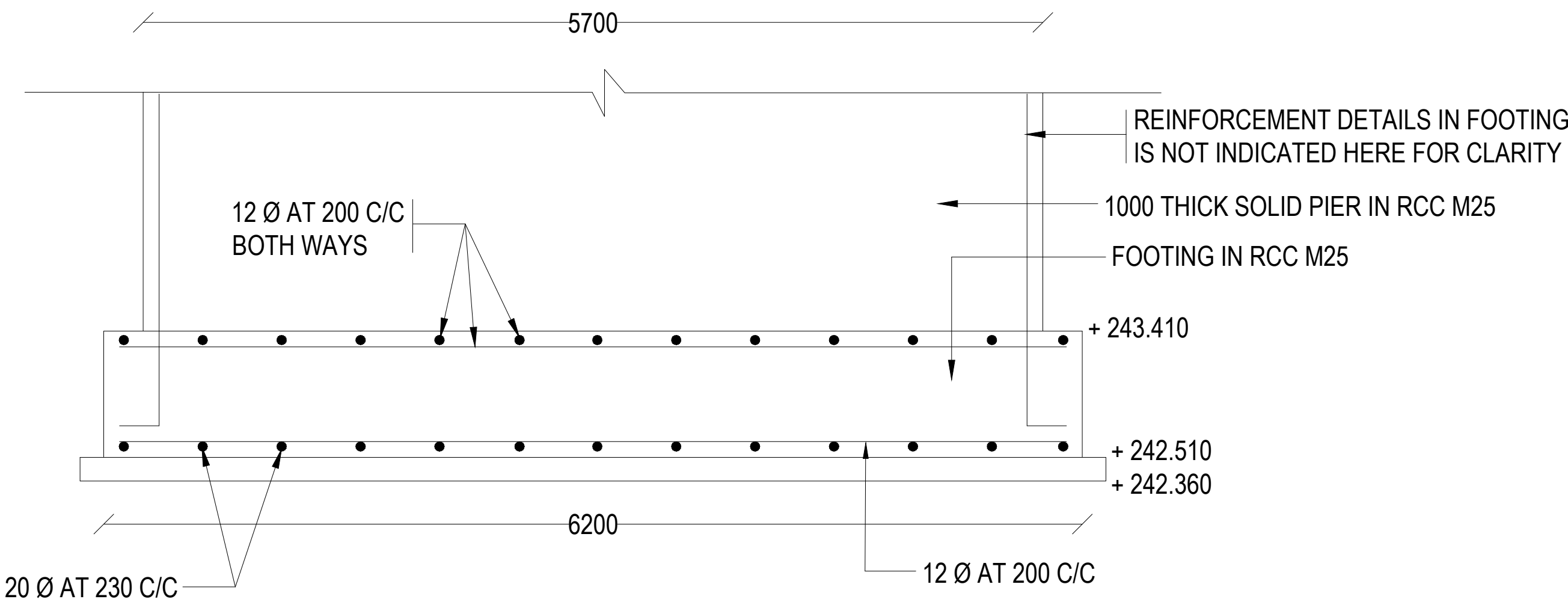
REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANIDIKOTA LIFT IRRIGATION PROJECT FEEDER CANAL			
TITLE	SINGLE LANE ROAD BRIDGE AT KM. 10.987 DETAILS OF PIER, PIER FOOTING AND ABUTMENT			
CONTRACTORS	IVRCL - KBL (JV) HYDERABAD			
DRAWING NO:	SCALE		DATE	
GLIP/FC/SLRB-10.775/003/2009	AS INDICATED			



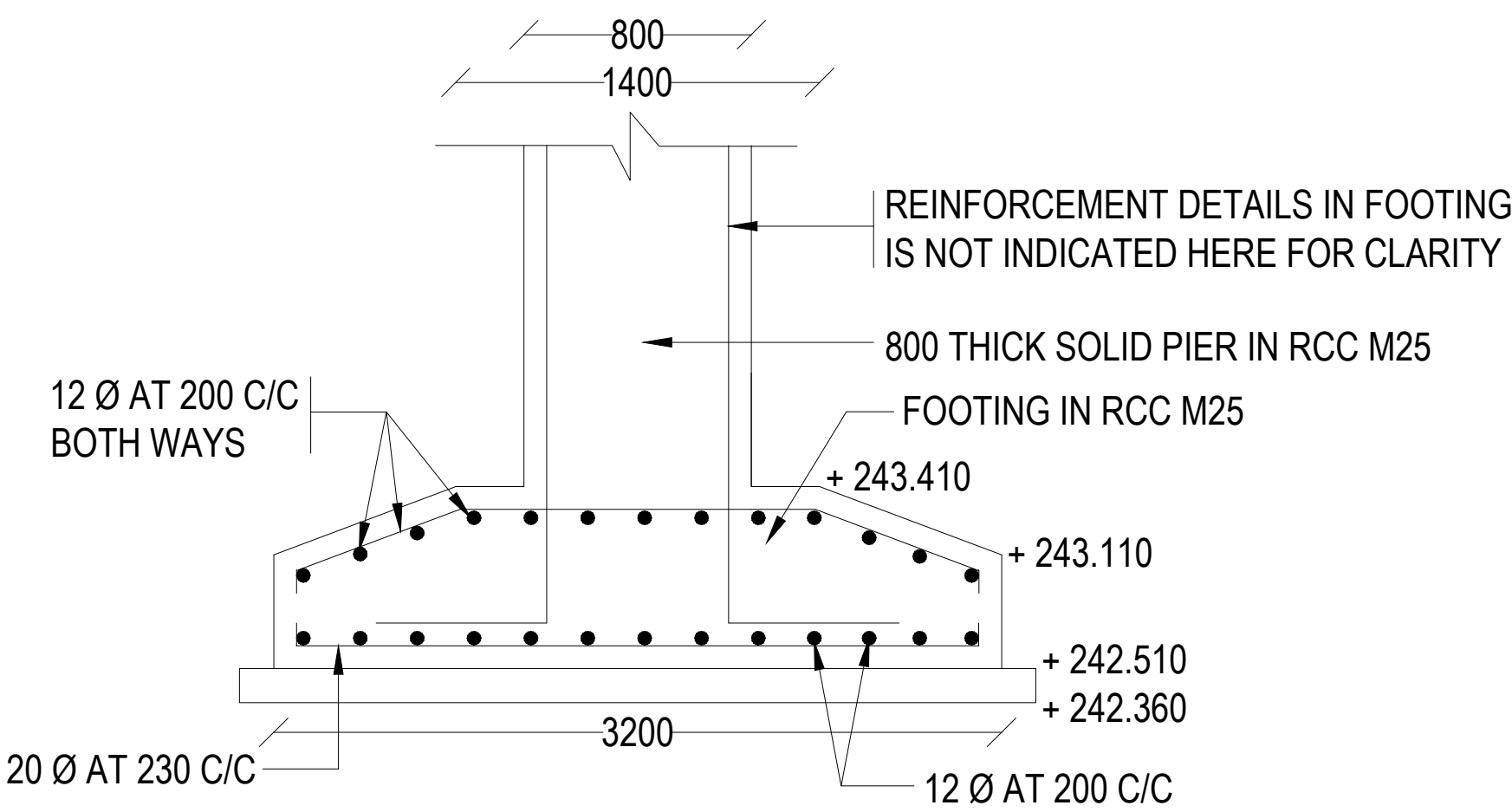
SECTION OF PIER  
SCALE 1 : 50



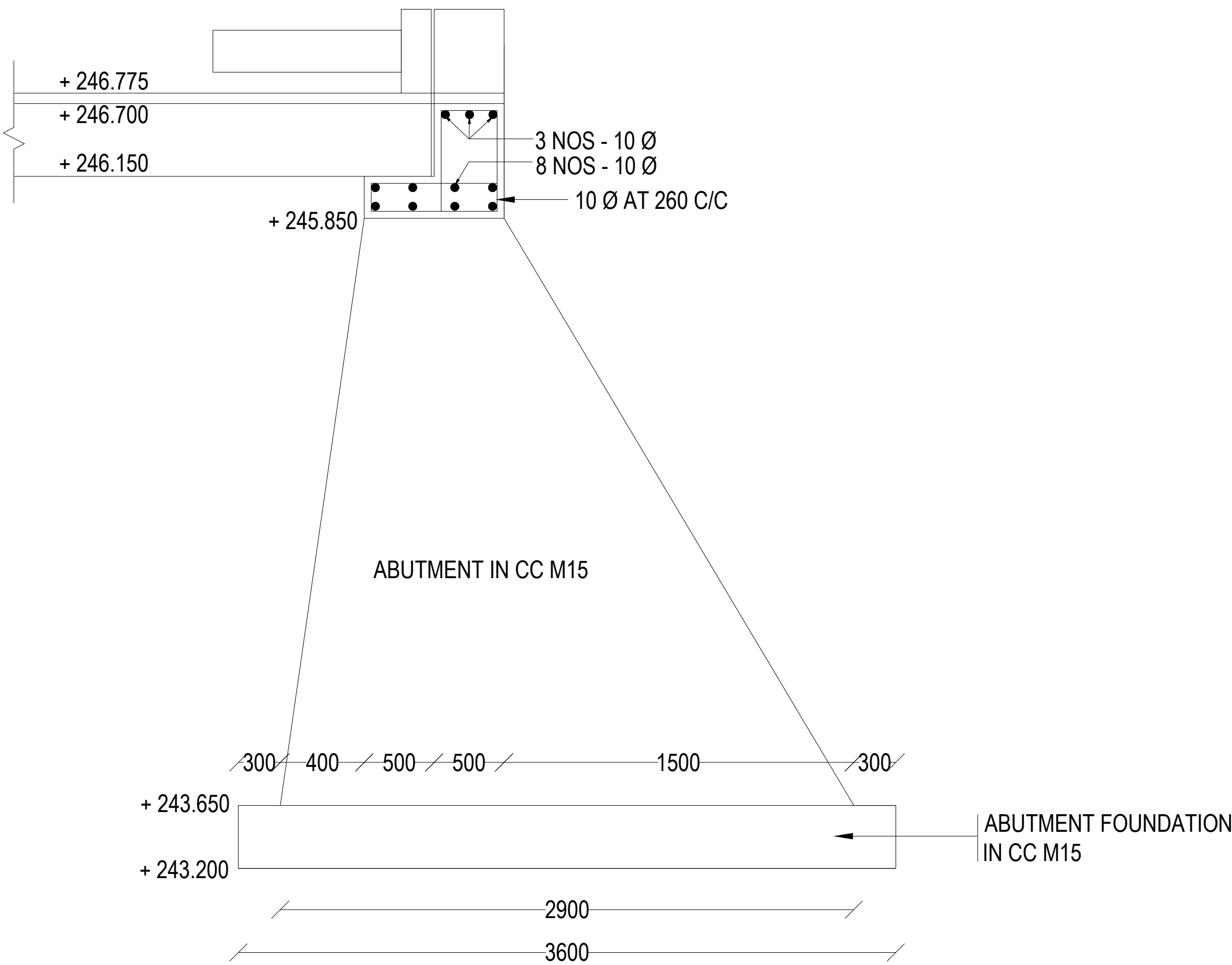
SECTION OF PIER AT AA  
SCALE 1 : 50



SECTION OF FOOTING AT DD  
SCALE 1 : 50



SECTION OF FOOTING AT CC  
SCALE 1 : 25



SECTION OF ABUTMENT  
SCALE 1 : 50

Approved By  
Sd/- Dated:10.08.2009  
Superintending Engineer  
ANSS Circle,Kadapa

Assistant Executive Engineer  
ANSS Circle,Kadapa