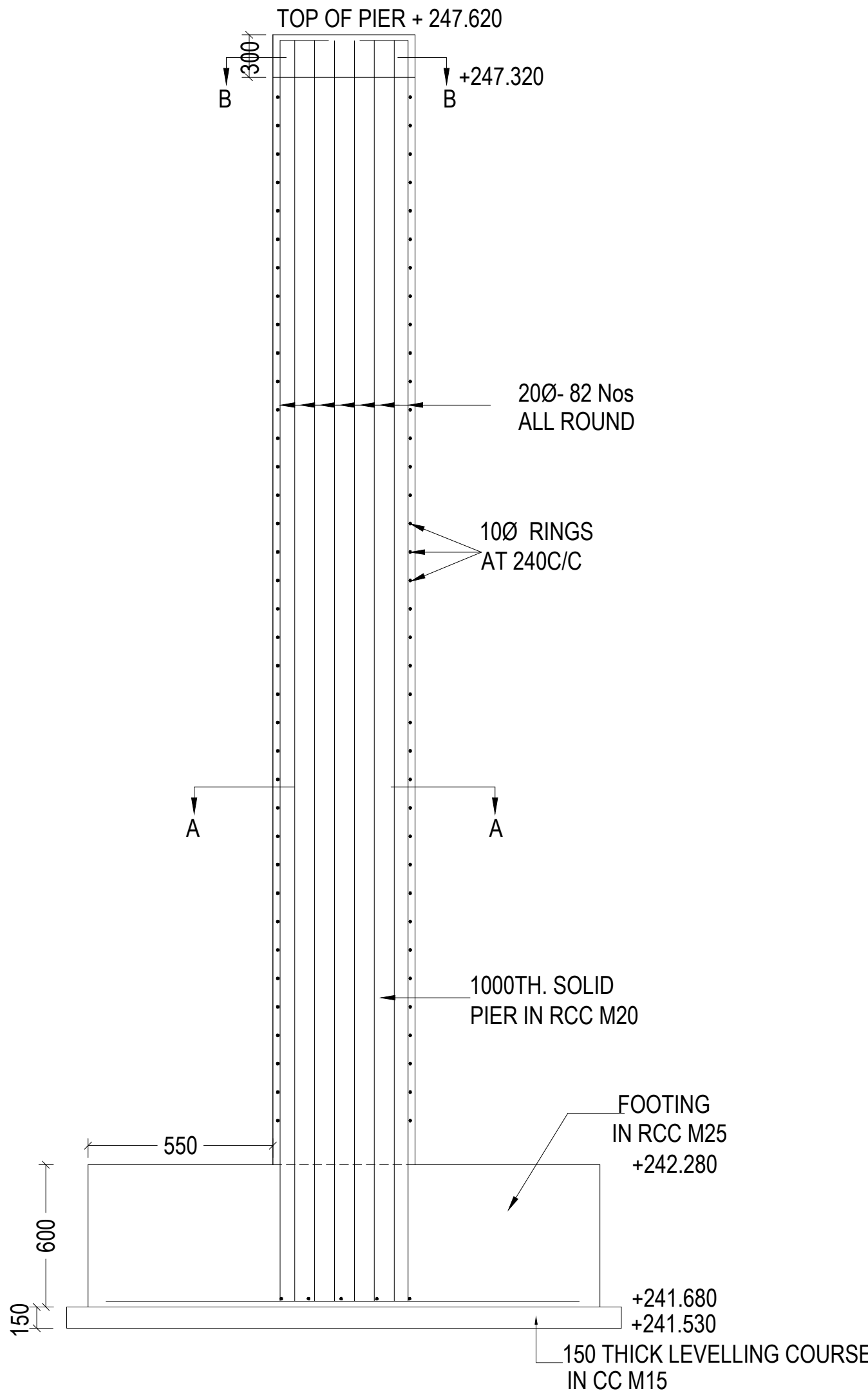
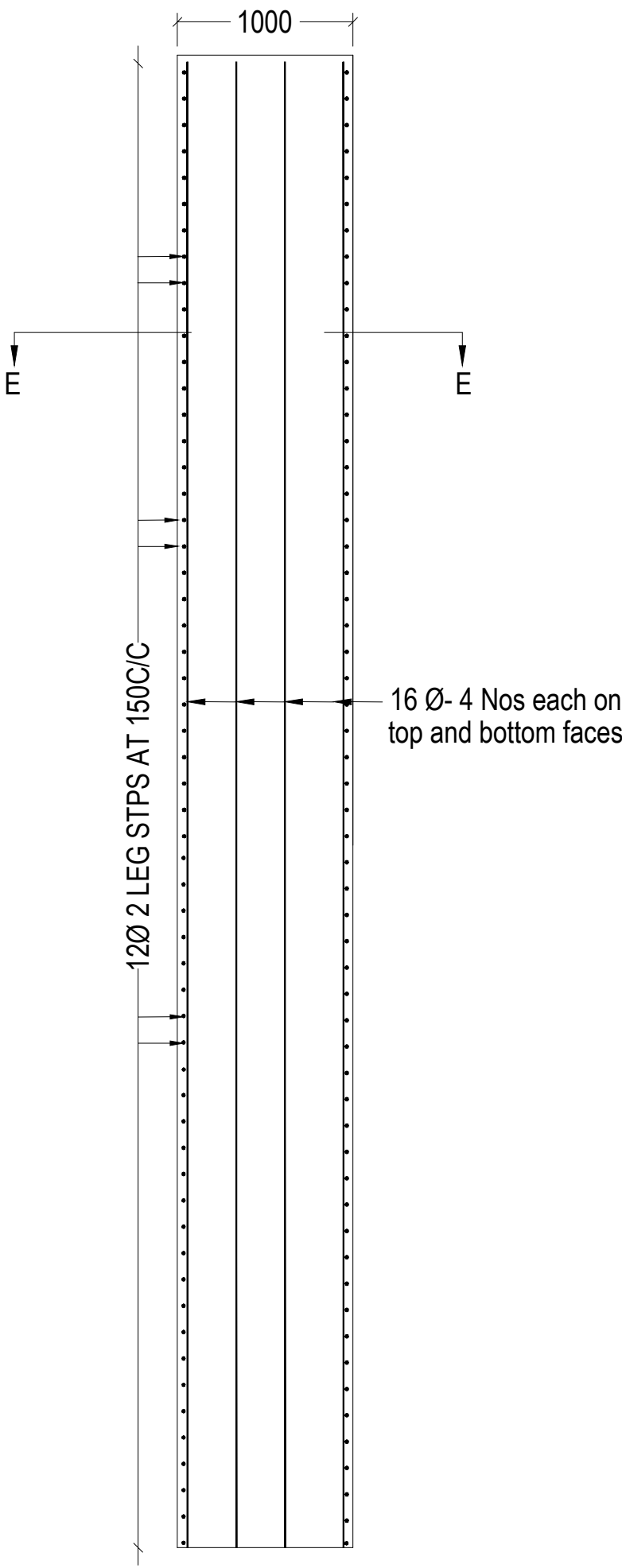


NOTES AND SPECIFICATIONS

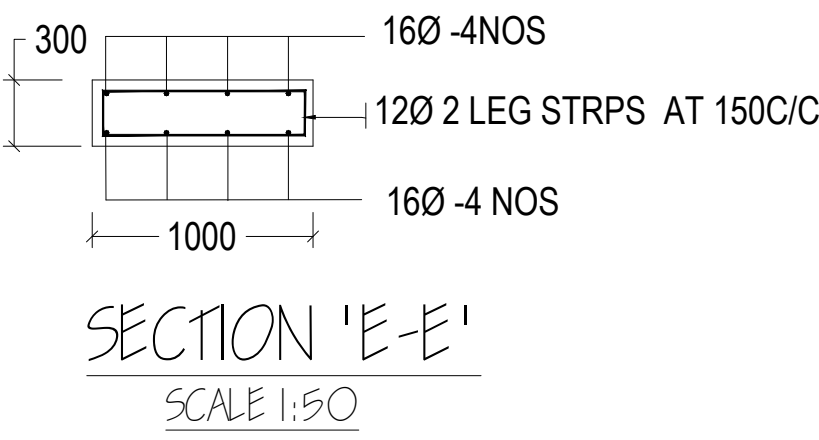
- 1 ALL THE DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
- 2 DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE FOLLOWED.
- 3 THE DESIGN IS ACCORDING TO THE FOLLOWING BRIDGE AND IS CODES: 1) IRC 5 - 1998 2) IRC 6 - 2000 3) IRC 21 - 2000 AND 4) IS 456 - 2000.
- 4 MINIMUM COVER TO ALL REINFORCEMENT INCLUDING STIRRUPS SHALL BE 40MM UNLESS OTHER WISE SPECIFIED TO ENSURE COVER 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 12 Φ 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.



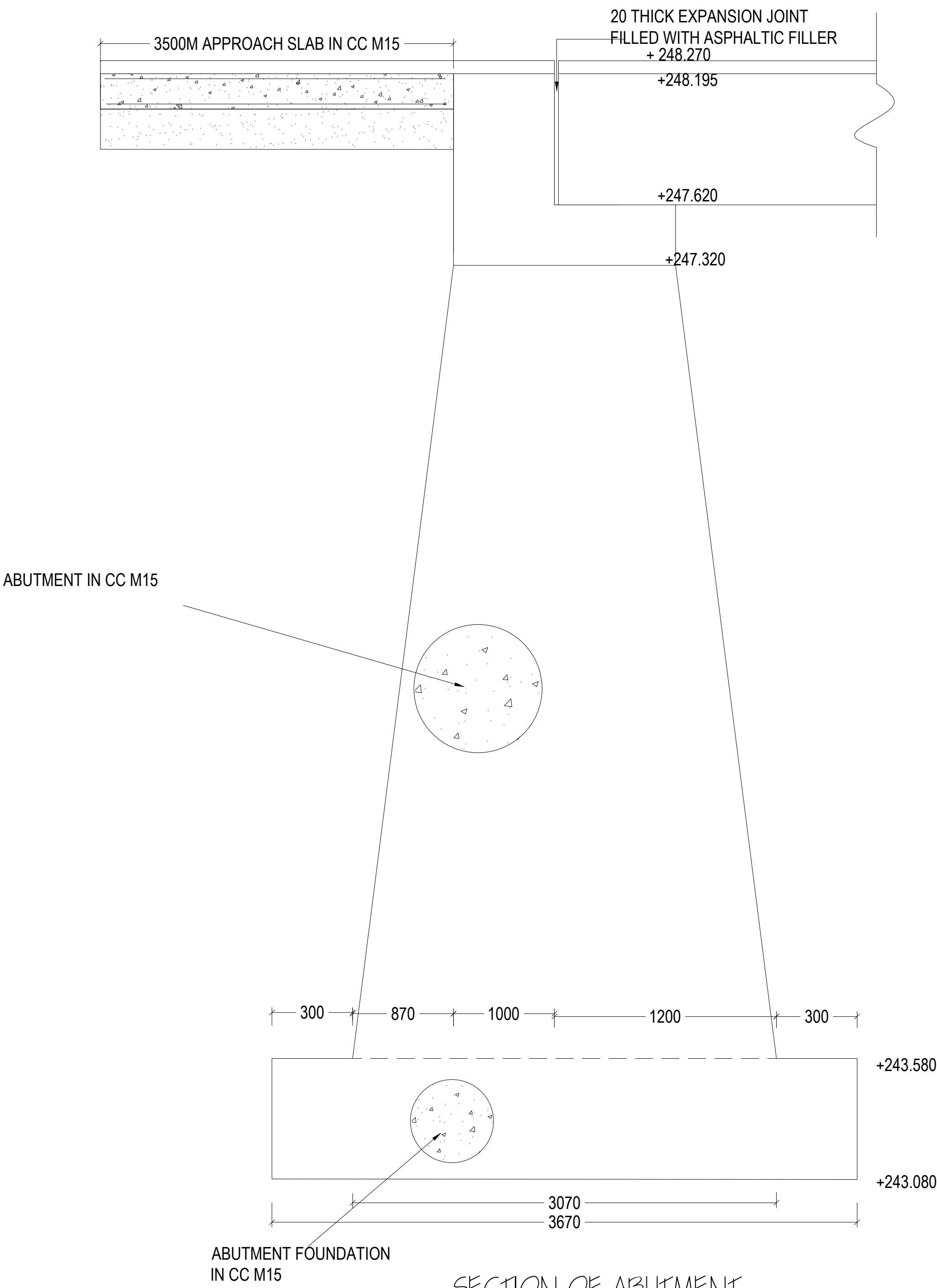
SECTION OF PIER
SCALE 1:50



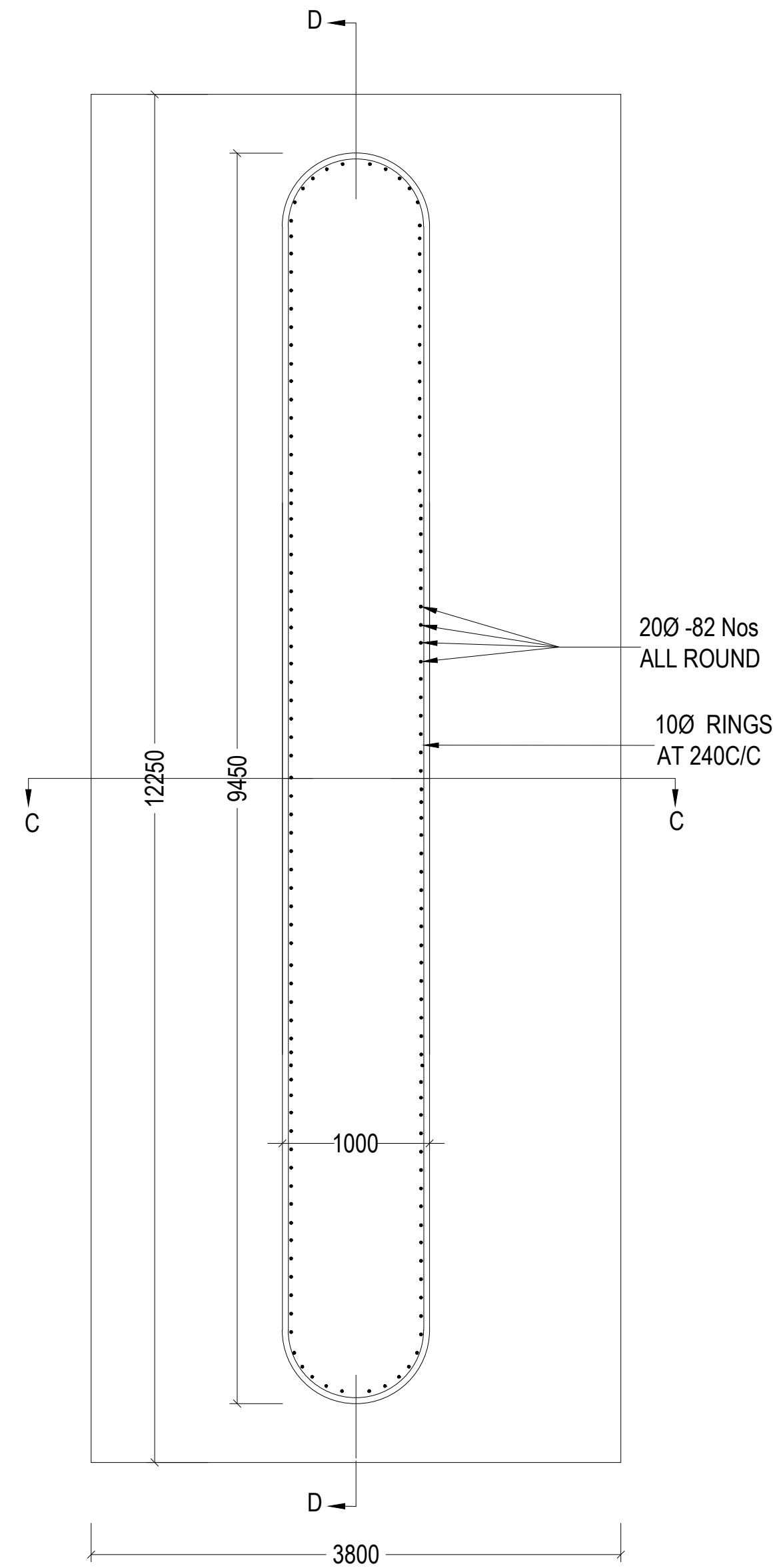
SECTION OF PIER PEDESTAL ON 'B-B'
SCALE 1:50



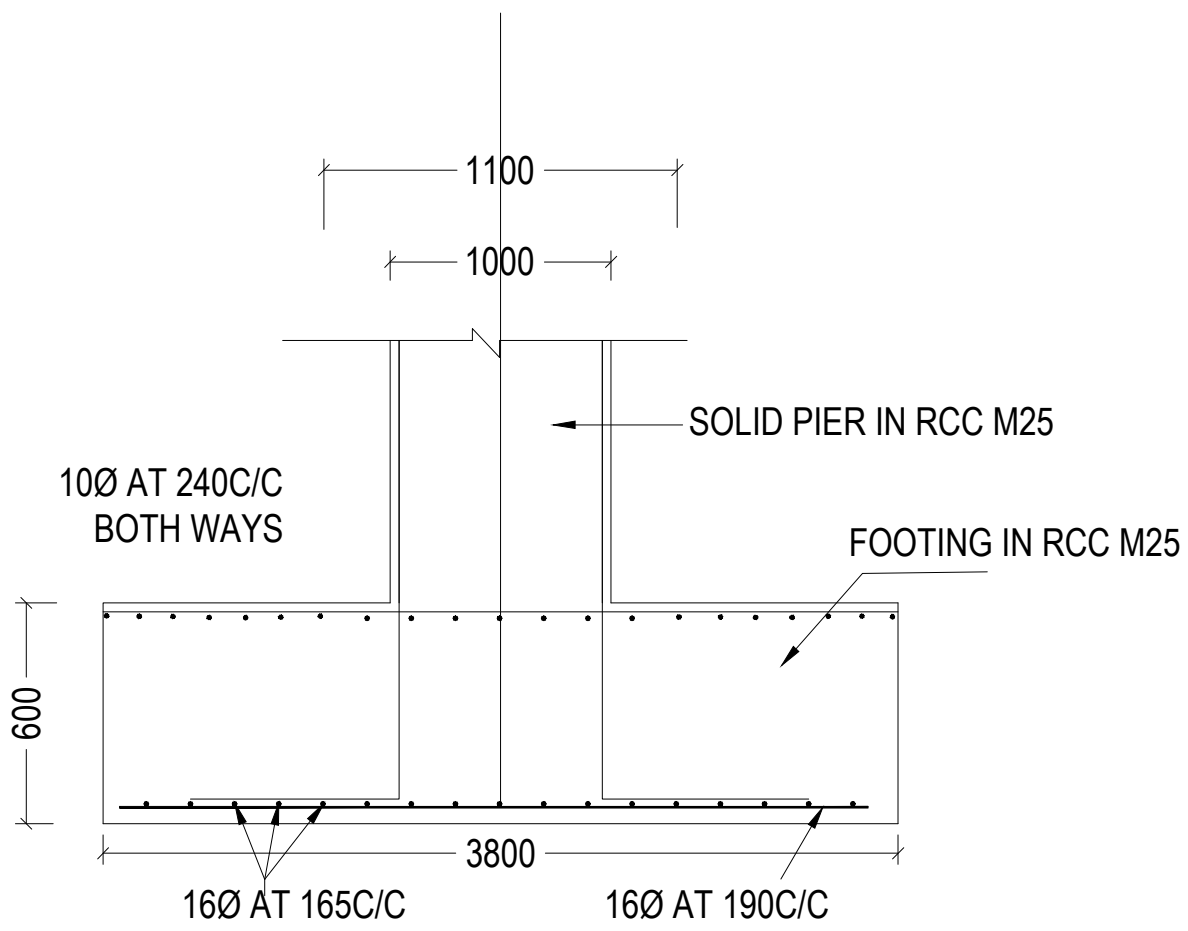
SECTION 'E-E'
SCALE 1:50



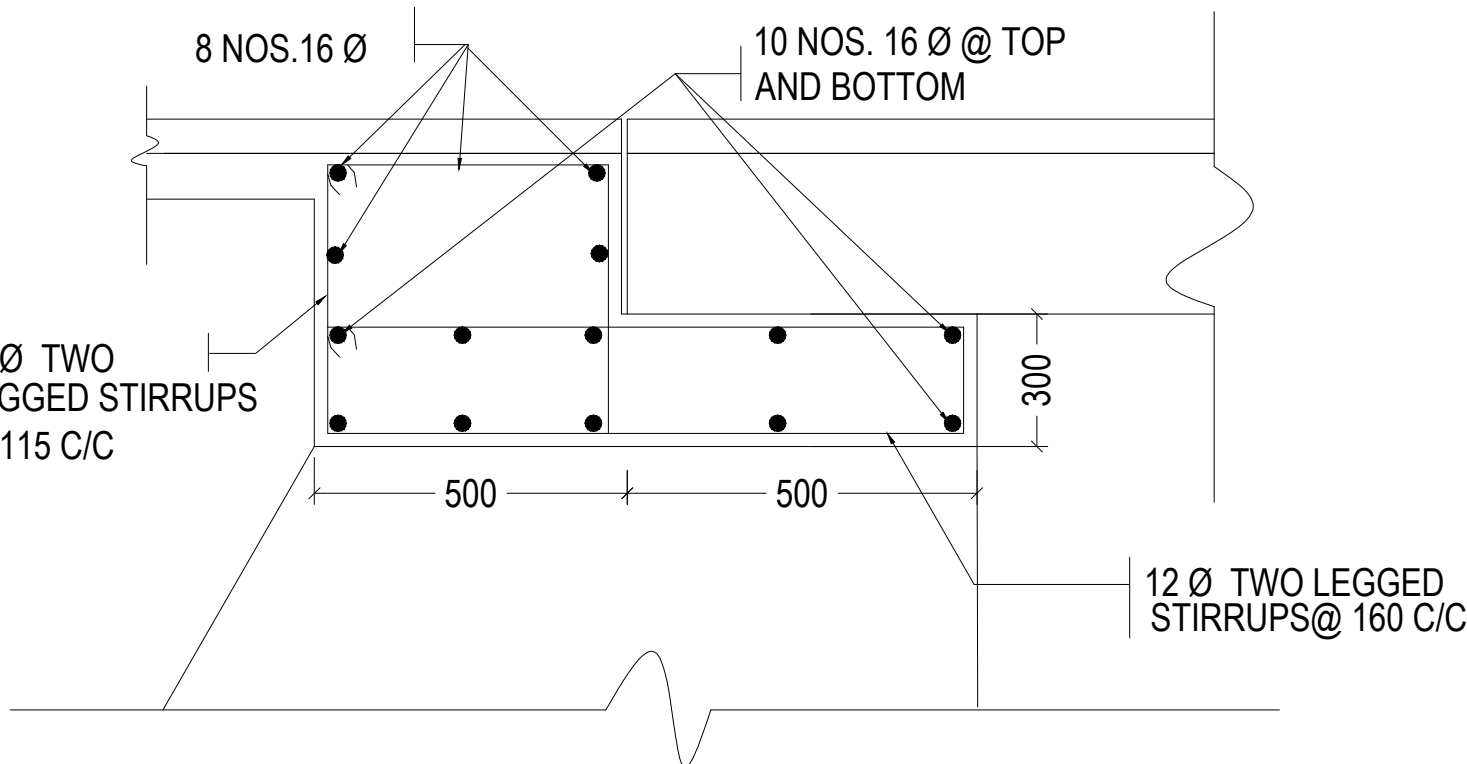
SECTION OF ABUTMENT
SCALE 1:25



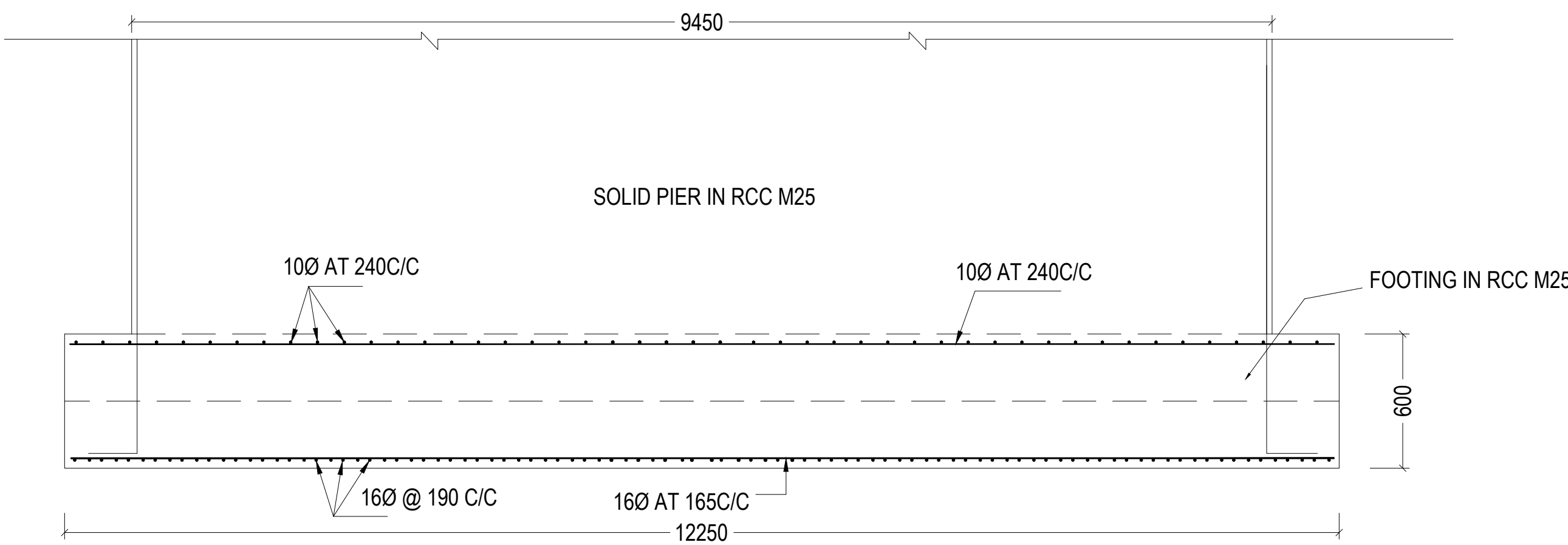
SECTION OF PIER ON 'A-A'
SCALE 1:50



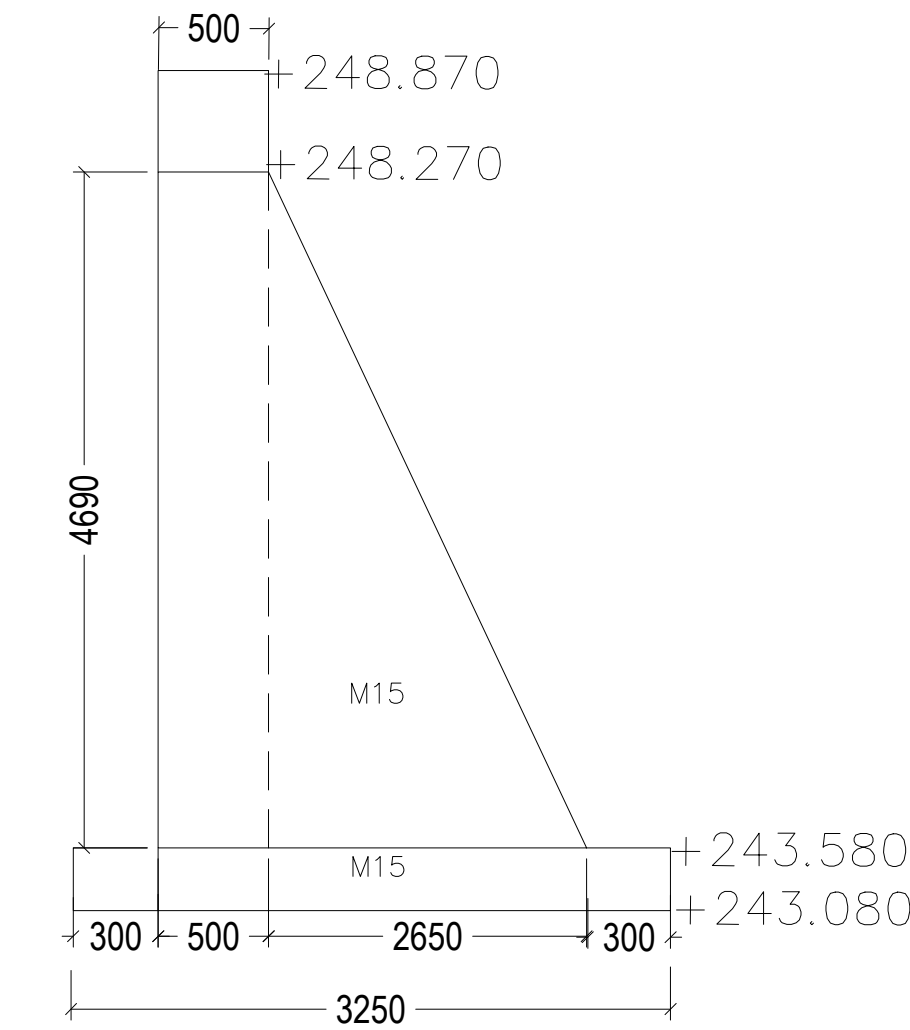
SECTION OF FOOTING ON 'C-C'
SCALE 1:50 (RCC DETAILS OF PIER ARE NOT SHOWN)



REINFORCEMENT DETAILS
OF BED BLOCK OVER ABUTMENT



SECTION OF FOOTING ON 'D-D'
SCALE 1:50 (RCC DETAILS OF PIER ARE NOT SHOWN)



SECTION OF RETURN WALL

Approved By
Sd/- - Dated:30.10.2009
Superintending Engineer
ANSS Circle,Kadapa

REFERENCE DRAWINGS

1. DETAILS OF GENERAL PLAN AND SECTIONAL ELEVATION
2. DETAILS OF DECK SLAB
3. SCHEDULE OF REINFORCEMENT
- GLIP/FC/DLB/001/2008
- DRG.NO.: BD/12-74
- DRG.NO.: BD/13-74

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOTA LIFT IRRIGATION SCHEME FEEDER CHANNEL			
TITLE	DOUBLE LANE ROAD BRIDGE WITH RIGHT ANGLE AT KM. 12.235 DETAILS OF PIER AND ABUTMENT			
CONTRACTORS				
CONSULTANTS				
DRAWING NO:	SCALE			
TGP/SPVBR/P-II/SLRB /002/2006	AS INDICATED			