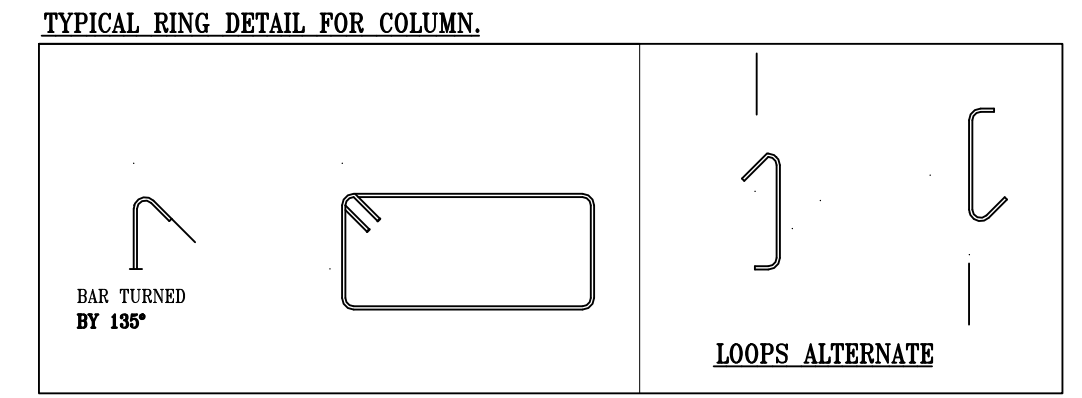
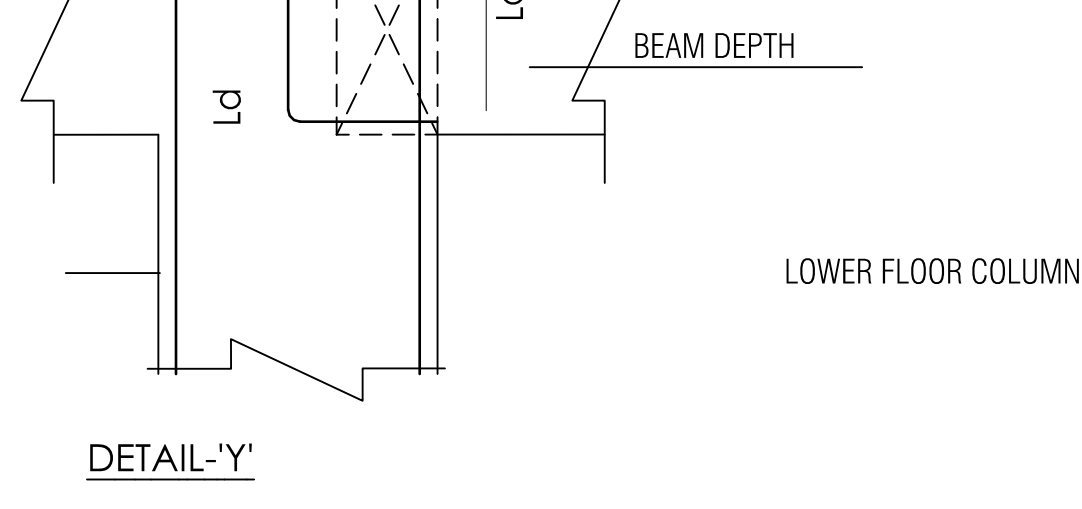


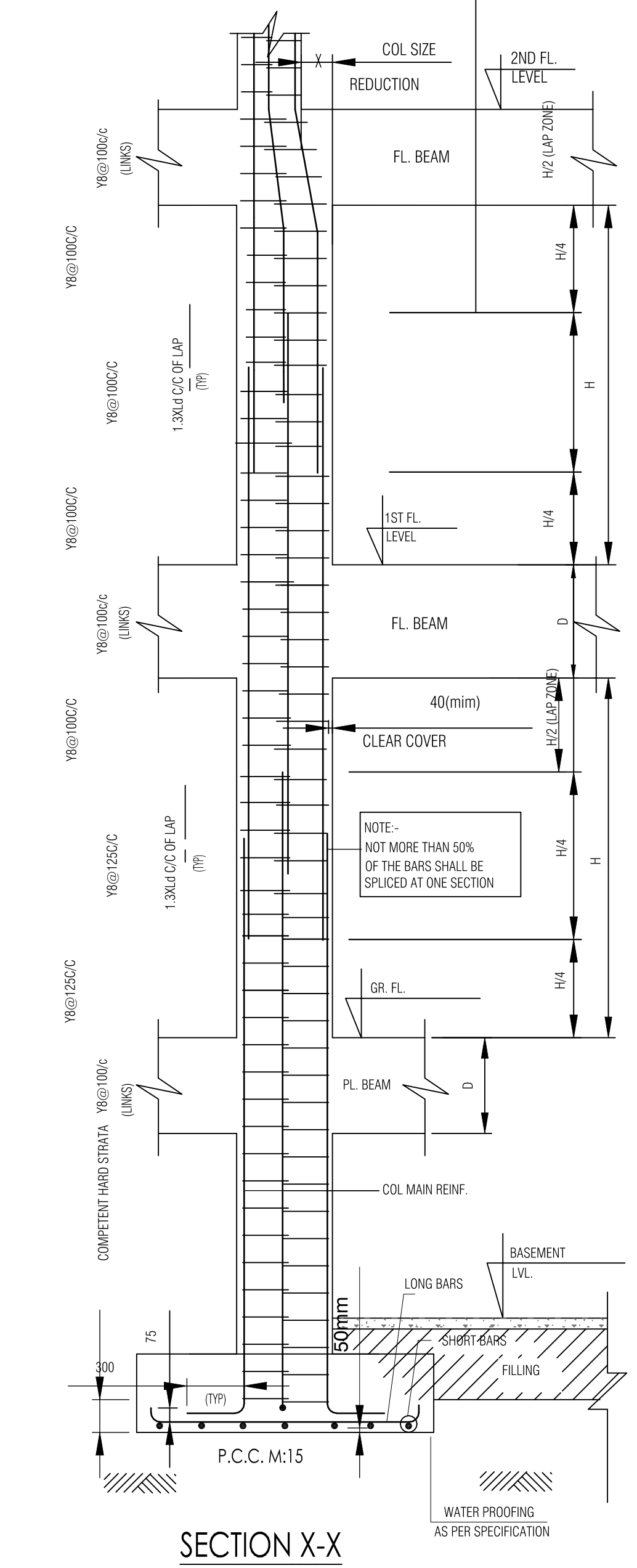
PILE CAP LAYOUT PLAN



BAR TO BE JOGGLED IN SLOPE 1:6 MAX
IF X < 100mm FOR X > 100mm
PROVIDE NECESSARY ADDITIONAL BARS FOR COLUMN
AS PER DETAIL-'Y'



ARRANGEMENT OF COLUMN BARS
WHERE REDUCTION OF COLUMN SIZE IS
MORE THAN 100mm



SECTION X-X

- GENERAL NOTES -**
- NOTES & REFERENCES
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
2. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
3. DO NOT SCALE ANY DIMENSION.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
5. FOR RCC, WORK CONCRETE MIX USE FOR COLUMN & REST M-20 DESIGN MIX CONFORMING TO IS 456 : 2007.
6. THE REINFORCEMENT SHALL BE COLD TWISTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS. 1786 - 2006.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
(a) FOUNDATION : 50MM surfaces in contact with earth
(b) COLUMN : 40MM
(c) BEAMS : 30MM (top & bottom) : 25MM (side cover)
(d) SLABS : 20MM
(e) CHAJJAS/CANOPY : 20MM
(f) R.C.C. WALL : 25MM

- NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
8. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
9. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
10. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN
11. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS:456. SPACER BAR
12. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECTS DRGS. & IN CASE OF ANY DISCREPANCY ARCHITECTS DRGS. SHALL PREVAIL.
13. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

- MATERIAL SPECIFICATIONS**
- 1) CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
 - 2) HIGH YIELD STRENGTH STEEL CONFORMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
 - 3) MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&IS 8112

LAP LENGTH FOR REINF. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
M 20	48 d	60 d
M 25	41 d	50 d
M 30	38 d	46 d
M 35	34 d	40 d
M 40 AND ABOVE	30 d	36 d

REV.NO.	DATE	REVISION

CLIENT
MGM HOSPITAL
PROJECT TITLE
PROPOSED GIRLS HOSTEL AT PANVEL

DRAWING TITLE :
SCHEDULE OF COLUMN AND FOOTING
DWG NO.
STR-SC-2023-100

SCALE:- N.T.S
DRAWN BY:- BHARAT
DESIGNED BY:- MANOJ SIR
CHECKED BY:- BAHUBALI SIR
DATE:- 05/05/2023

ARCHITECTS:
DISHAA
STRUCTURAL CONSULTANT:
SC SHRAYANI CONSULTANTS CONSULTING ENGINEERS
F-7, NEIGHBOURHOOD SHOPPING COMPLEX SECT-4 NERUL NAVI MUMBAI

DRAWING RELEASED FOR:
 APPROVAL FOR INFORMATION ONLY
 ADVANCE COPY CONSTRUCTION
ARCHITECT'S SIGN _____ OWNER'S SIGN _____

FLOOR	SIZE	STEEL	230X1200	230X1200	230X1250	230X1800	230X1200	230X1650	230X2300	230X900	230X1900	300X600	230X1200	230X1200	230X2600	230X1150	230X900	230X2300	230X3000
12TH FLOOR	SIZE	STEEL	• 16-ϕ 16	• 16-ϕ 16	• 16-ϕ 16	• 10-ϕ 16 • 10-ϕ 12	• 8-ϕ 16 • 8-ϕ 12	• 24-ϕ 16	• 28-ϕ 16	• 14-ϕ 16	• 28-ϕ 16	• 16-ϕ 16	• 10-ϕ 16 • 10-ϕ 12	• 10-ϕ 16 • 10-ϕ 12	• 28-ϕ 16	• 8-ϕ 16 • 10-ϕ 12	• 18-ϕ 16	• 16-ϕ 16 • 20-ϕ 12	• 20-ϕ 16 • 24-ϕ 12
11TH FLOOR	SIZE	STEEL	• 16-ϕ 16	• 16-ϕ 16	• 16-ϕ 16	• 10-ϕ 16 • 10-ϕ 12	• 8-ϕ 16 • 8-ϕ 12	• 24-ϕ 16	• 28-ϕ 16	• 14-ϕ 16	• 28-ϕ 16	• 16-ϕ 16	• 10-ϕ 16 • 10-ϕ 12	• 10-ϕ 16 • 10-ϕ 12	• 28-ϕ 16	• 8-ϕ 16 • 10-ϕ 12	• 18-ϕ 16	• 16-ϕ 16 • 20-ϕ 12	• 20-ϕ 16 • 24-ϕ 12
10TH FLOOR	SIZE	STEEL	• 16-ϕ 16	• 8-ϕ 20 • 8-ϕ 16	• 16-ϕ 16	• 10-ϕ 16 • 10-ϕ 12	• 16-ϕ 16	• 24-ϕ 16	• 28-ϕ 16	• 16-ϕ 16	• 28-ϕ 16	• 16-ϕ 16	• 10-ϕ 16 • 10-ϕ 12	• 10-ϕ 16 • 10-ϕ 12	• 28-ϕ 16	• 8-ϕ 16 • 10-ϕ 12	• 18-ϕ 16	• 16-ϕ 16 • 20-ϕ 12	• 20-ϕ 16 • 24-ϕ 12
9TH FLOOR	SIZE	STEEL	• 18-ϕ 16	• 230X1200 • 10-ϕ 20 • 8-ϕ 16	• 230X1250 • 18-ϕ 16	• 230X1800 • 10-ϕ 16 • 10-ϕ 12	• 230X1200 • 16-ϕ 16	• 230X1650 • 24-ϕ 16	• 230X2300 • 28-ϕ 16	• 230X900 • 16-ϕ 16	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 20	• 230X1200 • 10-ϕ 16 • 10-ϕ 12	• 230X1200 • 10-ϕ 16 • 10-ϕ 12	• 230X2600 • 28-ϕ 16	• 230X1040 • 10-ϕ 20 • 8-ϕ 16	• 230X900 • 18-ϕ 20	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
8TH FLOOR	SIZE	STEEL	• 18-ϕ 16	• 230X1200 • 10-ϕ 20 • 10-ϕ 16	• 230X1250 • 18-ϕ 16	• 230X1800 • 20-ϕ 16	• 230X1200 • 20-ϕ 16	• 230X1650 • 24-ϕ 16	• 230X2300 • 28-ϕ 16	• 230X900 • 8-ϕ 20 • 8-ϕ 16	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 20	• 230X1200 • 20-ϕ 16	• 230X1200 • 20-ϕ 20	• 230X2600 • 28-ϕ 16	• 230X1040 • 10-ϕ 20 • 8-ϕ 16	• 230X900 • 18-ϕ 20	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
7TH FLOOR	SIZE	STEEL	• 18-ϕ 16	• 230X1200 • 10-ϕ 20 • 10-ϕ 16	• 230X1250 • 18-ϕ 16	• 230X1800 • 20-ϕ 16	• 230X1200 • 20-ϕ 16	• 230X1650 • 24-ϕ 16	• 230X2300 • 28-ϕ 16	• 230X900 • 8-ϕ 20 • 8-ϕ 16	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 20	• 230X1200 • 20-ϕ 16	• 230X1200 • 20-ϕ 25	• 230X2600 • 28-ϕ 16	• 230X1040 • 10-ϕ 20 • 8-ϕ 16	• 230X900 • 18-ϕ 20	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
6TH FLOOR	SIZE	STEEL	• 20-ϕ 16	• 230X1200 • 20-ϕ 20	• 230X1250 • 22-ϕ 20	• 230X1800 • 22-ϕ 16	• 230X1200 • 20-ϕ 16	• 230X1650 • 24-ϕ 16	• 230X2300 • 28-ϕ 16	• 230X900 • 8-ϕ 20 • 8-ϕ 16	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 20	• 230X1200 • 20-ϕ 16	• 230X1200 • 20-ϕ 25	• 230X2600 • 28-ϕ 16	• 230X1040 • 10-ϕ 20 • 8-ϕ 16	• 230X900 • 18-ϕ 20	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
5TH FLOOR	SIZE	STEEL	• 20-ϕ 16	• 230X1200 • 20-ϕ 20	• 230X1250 • 22-ϕ 20	• 230X1800 • 20-ϕ 16	• 230X1200 • 20-ϕ 16	• 230X1650 • 24-ϕ 16	• 230X2300 • 28-ϕ 16	• 230X900 • 8-ϕ 20 • 8-ϕ 16	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 20	• 230X1200 • 20-ϕ 16	• 230X1200 • 20-ϕ 25	• 230X2600 • 28-ϕ 16	• 230X1040 • 10-ϕ 20 • 8-ϕ 16	• 230X900 • 18-ϕ 20	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
4TH FLOOR	SIZE	STEEL	• 20-ϕ 16	• 230X1200 • 22-ϕ 20	• 230X1250 • 20-ϕ 20	• 230X1800 • 22-ϕ 16	• 230X1200 • 20-ϕ 20	• 230X1650 • 12-ϕ 20 • 12-ϕ 16	• 230X2300 • 28-ϕ 16	• 230X900 • 18-ϕ 20	• 230X1900 • 28-ϕ 16	• 300X600 • 8-ϕ 25 • 8-ϕ 20	• 230X1200 • 20-ϕ 20	• 230X1200 • 22-ϕ 25	• 230X2600 • 28-ϕ 16	• 230X1040 • 18-ϕ 20	• 230X900 • 18-ϕ 25	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
3RD FLOOR	SIZE	STEEL	• 22-ϕ 20	• 230X1200 • 12-ϕ 25 • 20-ϕ 20	• 300X1250 • 22-ϕ 20	• 300X1800 • 22-ϕ 16	• 300X1200 • 24-ϕ 16	• 230X1650 • 12-ϕ 20 • 12-ϕ 16	• 230X2300 • 28-ϕ 16	• 350X900 • 20-ϕ 20	• 230X1900 • 28-ϕ 16	• 300X600 • 8-ϕ 25 • 8-ϕ 20	• 300X1200 • 22-ϕ 20	• 300X1200 • 22-ϕ 25	• 230X2600 • 28-ϕ 16	• 230X1040 • 18-ϕ 20	• 300X900 • 18-ϕ 25	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
2ND FLOOR	SIZE	STEEL	• 24-ϕ 20	• 230X1200 • 12-ϕ 25 • 10-ϕ 20	• 300X1250 • 24-ϕ 20	• 300X1800 • 20-ϕ 16	• 300X1200 • 8-ϕ 25 • 16-ϕ 20	• 230X1650 • 12-ϕ 20 • 12-ϕ 16	• 230X2300 • 28-ϕ 16	• 350X900 • 20-ϕ 20	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 25	• 350X1200 • 24-ϕ 20	• 350X1200 • 24-ϕ 25	• 300X2600 • 18-ϕ 20 • 18-ϕ 16	• 230X1040 • 20-ϕ 20	• 350X900 • 20-ϕ 25	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
1ST FLOOR	SIZE	STEEL	• 24-ϕ 25	• 230X1200 • 12-ϕ 25 • 10-ϕ 20	• 300X1250 • 24-ϕ 20	• 300X1800 • 20-ϕ 16	• 300X1200 • 8-ϕ 25 • 16-ϕ 20	• 230X1650 • 24-ϕ 20	• 230X2300 • 28-ϕ 16	• 350X900 • 20-ϕ 20	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 25	• 350X1200 • 24-ϕ 20	• 350X1200 • 24-ϕ 25	• 300X2600 • 18-ϕ 20 • 18-ϕ 16	• 230X1040 • 20-ϕ 20	• 350X900 • 20-ϕ 25	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
GROUND FLOOR	SIZE	STEEL	• 24-ϕ 25	• 230X1200 • 12-ϕ 25 • 10-ϕ 20	• 300X1250 • 24-ϕ 20	• 300X1800 • 24-ϕ 16	• 300X1200 • 12-ϕ 20 • 12-ϕ 20	• 230X1650 • 24-ϕ 20	• 230X2300 • 28-ϕ 16	• 350X900 • 10-ϕ 25 • 10-ϕ 20	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 25	• 350X1200 • 24-ϕ 20	• 350X1200 • 24-ϕ 25	• 300X2600 • 18-ϕ 20 • 18-ϕ 16	• 230X1040 • 20-ϕ 20	• 350X900 • 20-ϕ 25	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
BELOW GROUND	SIZE	STEEL	• 24-ϕ 25	• 230X1200 • 10-ϕ 25 • 10-ϕ 20	• 300X1250 • 24-ϕ 20	• 300X1800 • 24-ϕ 16	• 300X1200 • 12-ϕ 25 • 12-ϕ 20	• 230X1650 • 24-ϕ 20	• 230X2300 • 28-ϕ 16	• 350X900 • 10-ϕ 25 • 10-ϕ 20	• 230X1900 • 28-ϕ 16	• 300X600 • 16-ϕ 25	• 350X1200 • 24-ϕ 20	• 350X1200 • 24-ϕ 25	• 300X2600 • 18-ϕ 20 • 18-ϕ 16	• 230X1040 • 20-ϕ 20	• 350X900 • 20-ϕ 25	• 230X2300 • 16-ϕ 16 • 20-ϕ 12	• 230X3000 • 20-ϕ 16 • 24-ϕ 12
DETAIL OF PILE CAP	TOP BARS	REFER PILE LAYOUT DRAWING																	
DETAIL OF PILE	BOTTOM BARS	REFER PILE LAYOUT DRAWING																	
	L	REFER PILE LAYOUT DRAWING																	
	B	REFER PILE LAYOUT DRAWING																	
	D	REFER PILE LAYOUT DRAWING																	
	NO.	REFER PILE LAYOUT DRAWING																	
	DIA.	REFER PILE LAYOUT DRAWING																	
	STEEL	REFER PILE LAYOUT DRAWING																	
COL.NO	C1,3	C2,8	C4,5	C6,10	C7,9	C11,16,21	C13,14	C15	C12,22	C17,18	C24,27,28,35	C25,26,29,34	C30,31,32,33	C20	C15	LC1,3	LC2,4		
TYPE	1	2	3	4	5	6	7	3	8	9	110	12	13	14	16	17	18		

GENERAL NOTES -

- NOTES & REFERENCES
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
 2. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSION.
 4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
 5. FOR RCC, WORK CONCRETE MIX USE FOR COLUMN & REST M-25 DESIGN MIX CONFORMING TO IS 456 - 2007.
 6. THE REINFORCEMENT SHALL BE COLD-TWISTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS. 1786 - 2006.
 7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
 - (a) FOUNDATION : 50MM surfaces in contact with earth
 - (b) COLUMN : 40MM
 - (c) BEAMS (top & bottom) : 30MM (Side cover) : 25MM
 - (d) SLABS : 20MM
 - (e) CHAJJIAS/CANOPY : 20MM
 - (f) R.C.C. WALL : 25MM
 8. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
 9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
 11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN
 12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS-456. SPACER BAR
 13. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

- MATERIAL SPECIFICATIONS**
- 1) CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
 - 2) HIGH YIELD STRENGTH STEEL CONFORMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
 - 3) MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&S 8112

LAP LENGTH FOR REIN. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
M 20	48 d	60 d
M 25	41 d	50 d
M 30	38 d	46 d
M 35	34 d	40 d
M 40 AND ABOVE	30 d	36 d

REV.NO.	DATE	REVISION

CLIENT
MGM HOSPITAL

PROJECT TITLE
PROPOSED GIRLS HOSTEL AT PANVEL

DRAWING TITLE :
SCHEDULE OF COLUMN AND FOOTING

DWG NO.
STR-SC-2023-100

SCALE:- N.T.S

DRAWN BY:- BHARAT

DESIGNED BY:- MANOJ SIR

CHECKED BY:- BAHUBALI SIR

DATE:- 05/05/2023

ARCHITECTS:
DISHAA

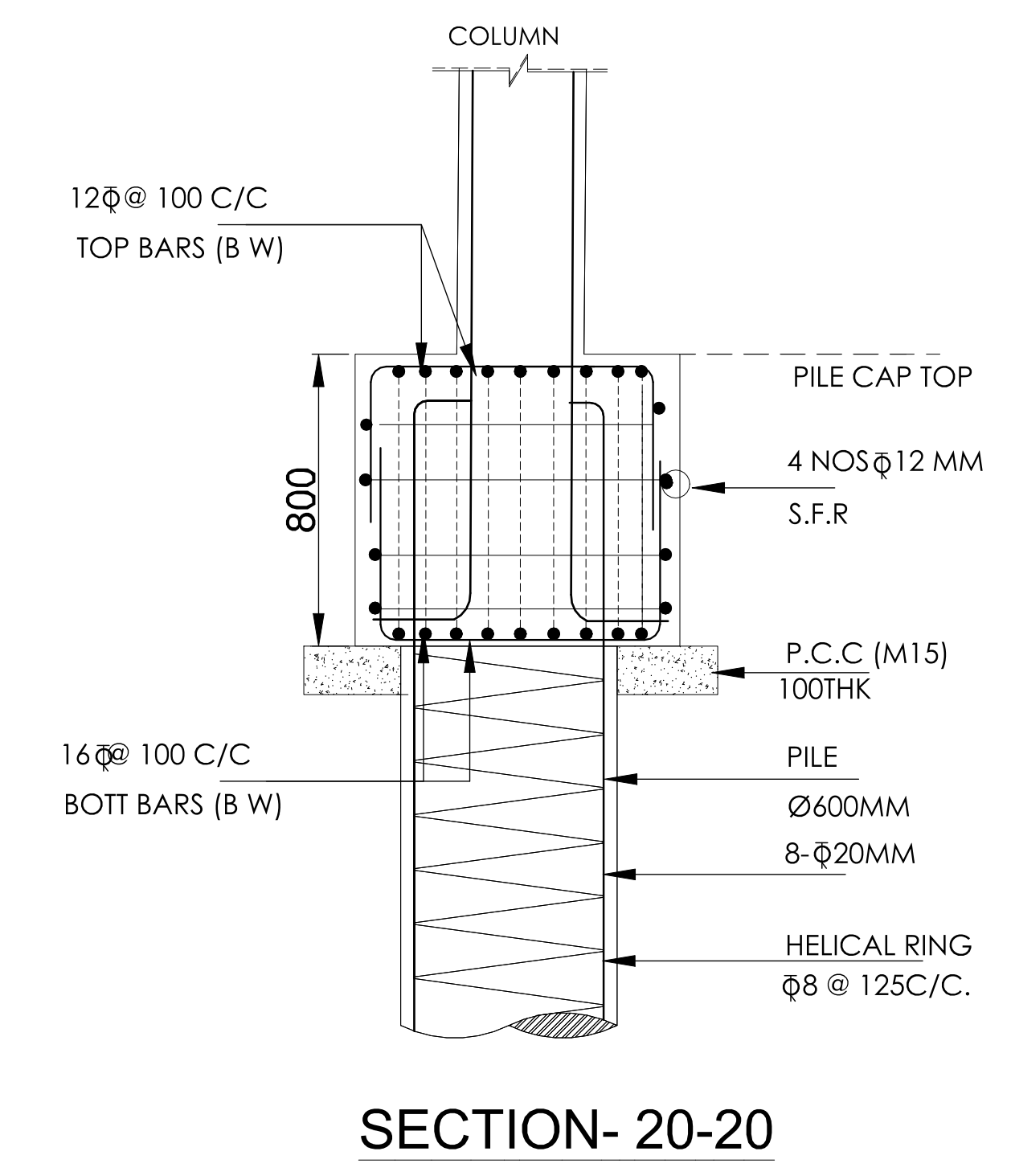
STRUCTURAL CONSULTANT:
SC SHRAYANI CONSULTANTS CONSULTING ENGINEERS F-7, NEIGHBOURHOOD SHOPPING COMPLEX SECT-4 NERUL NAVI MUMBAI

DRAWING RELEASED FOR:

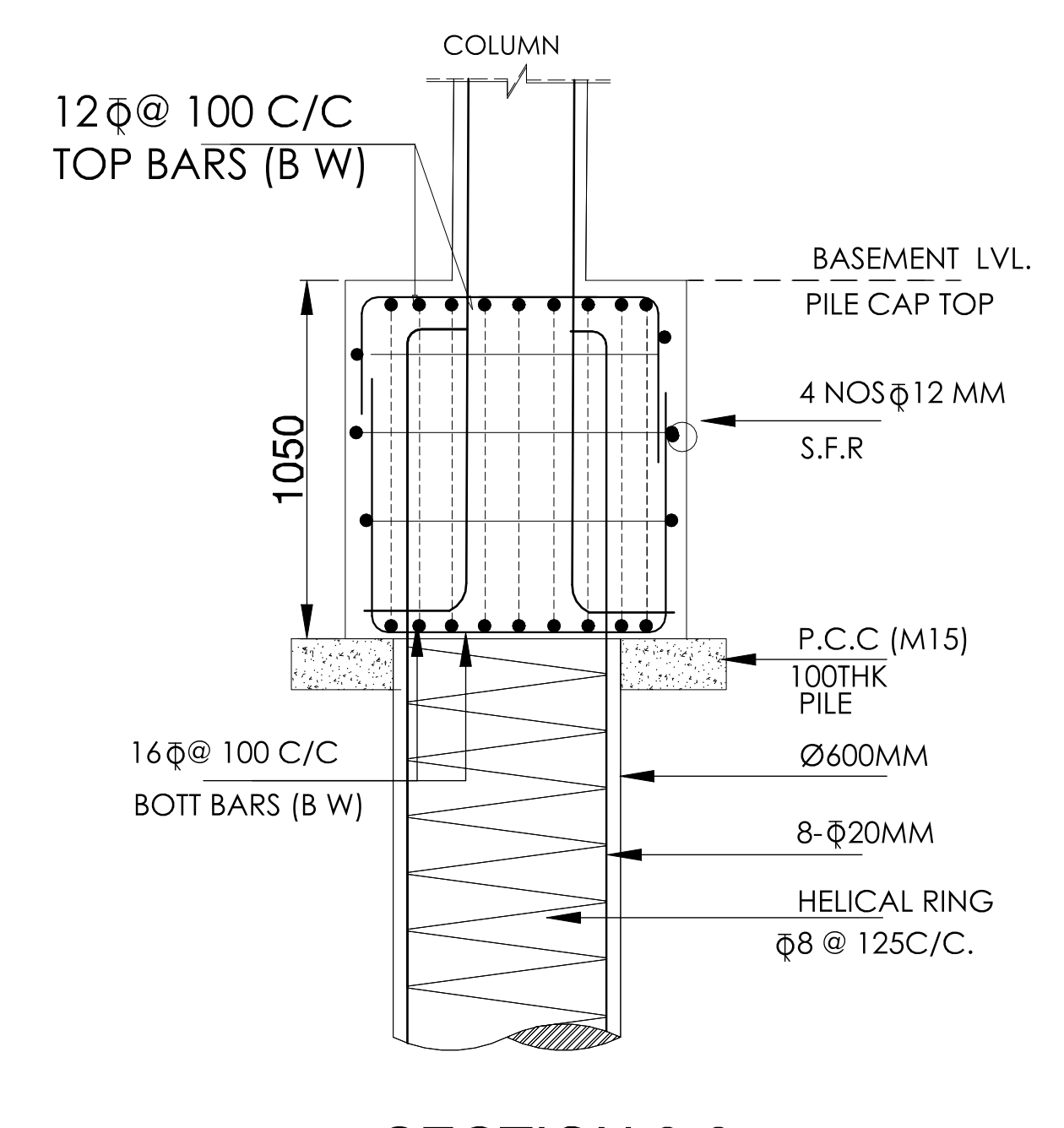
APPROVAL FOR INFORMATION ONLY

ADVANCE COPY CONSTRUCTION

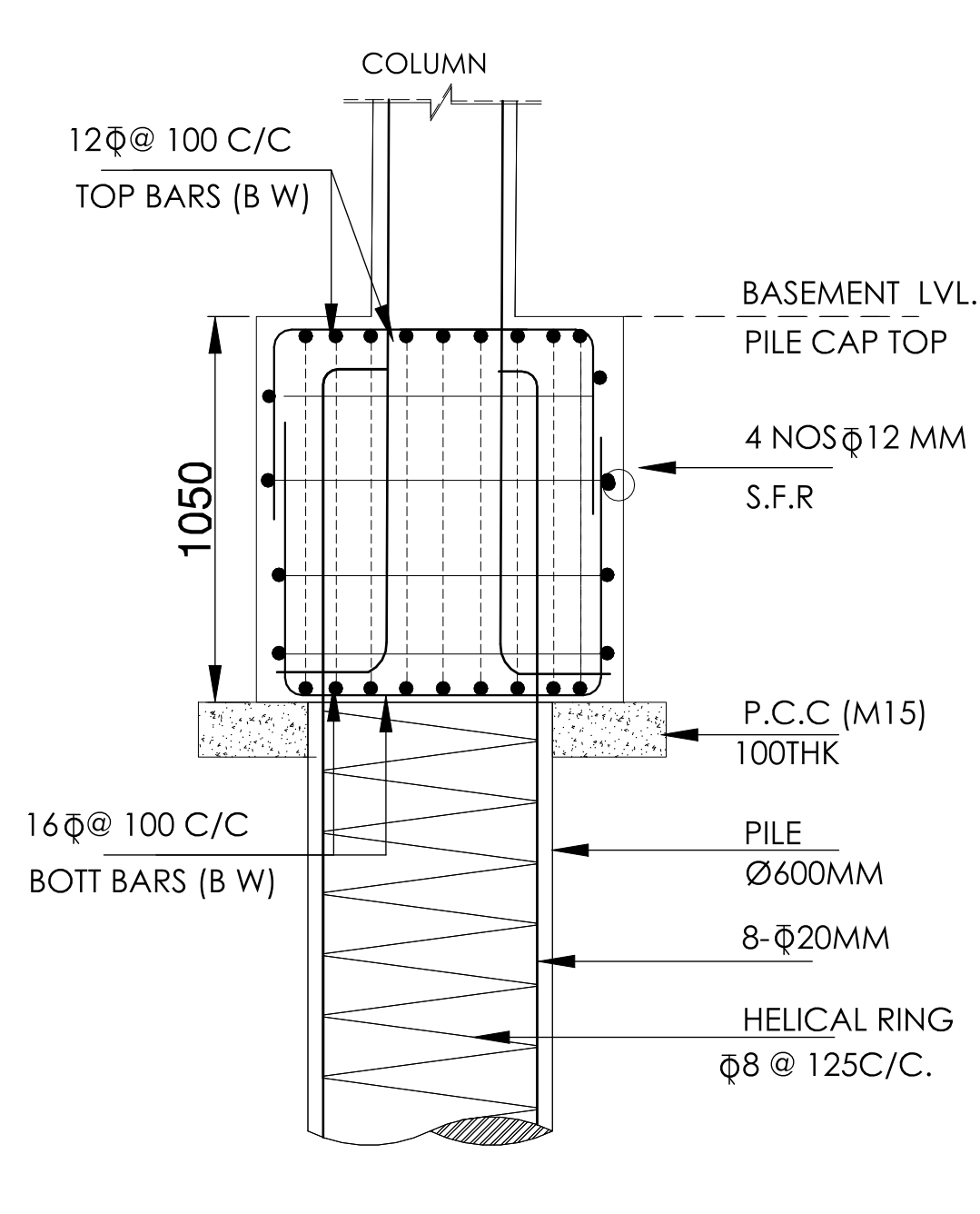
ARCHITECT'S SIGN OWNER'S SIGN



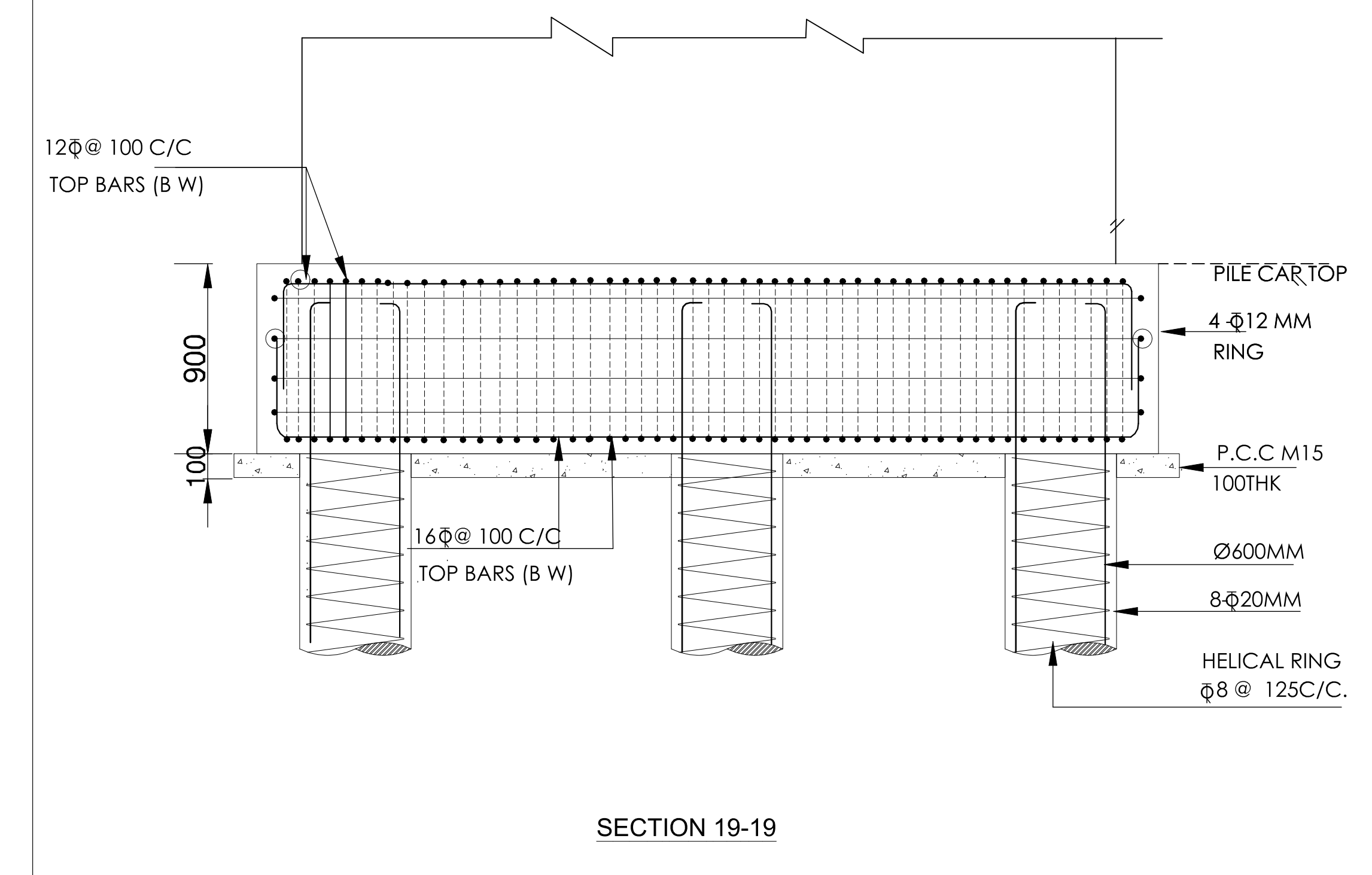
SECTION-20-20



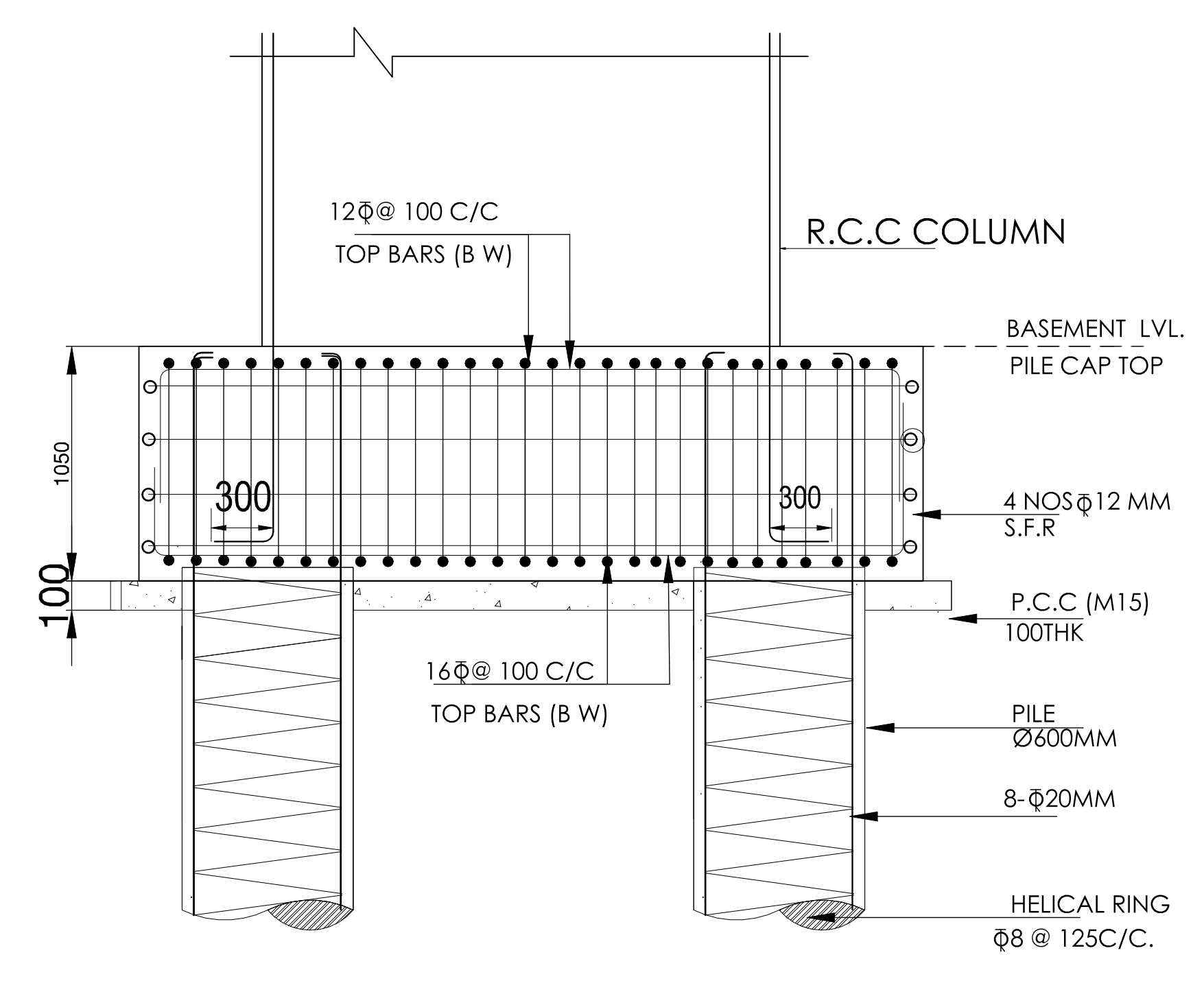
SECTION 8-8



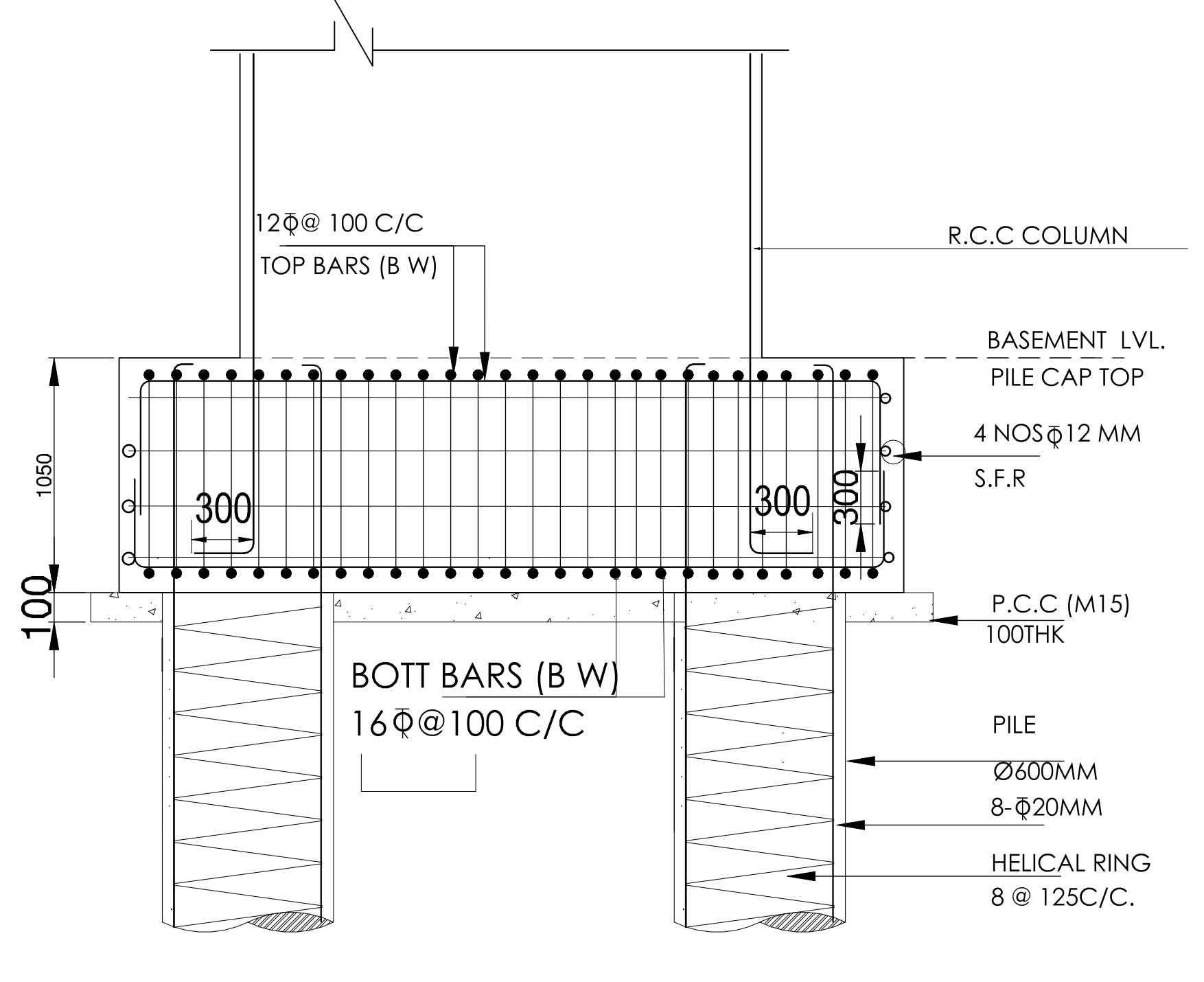
SECTION 4-4



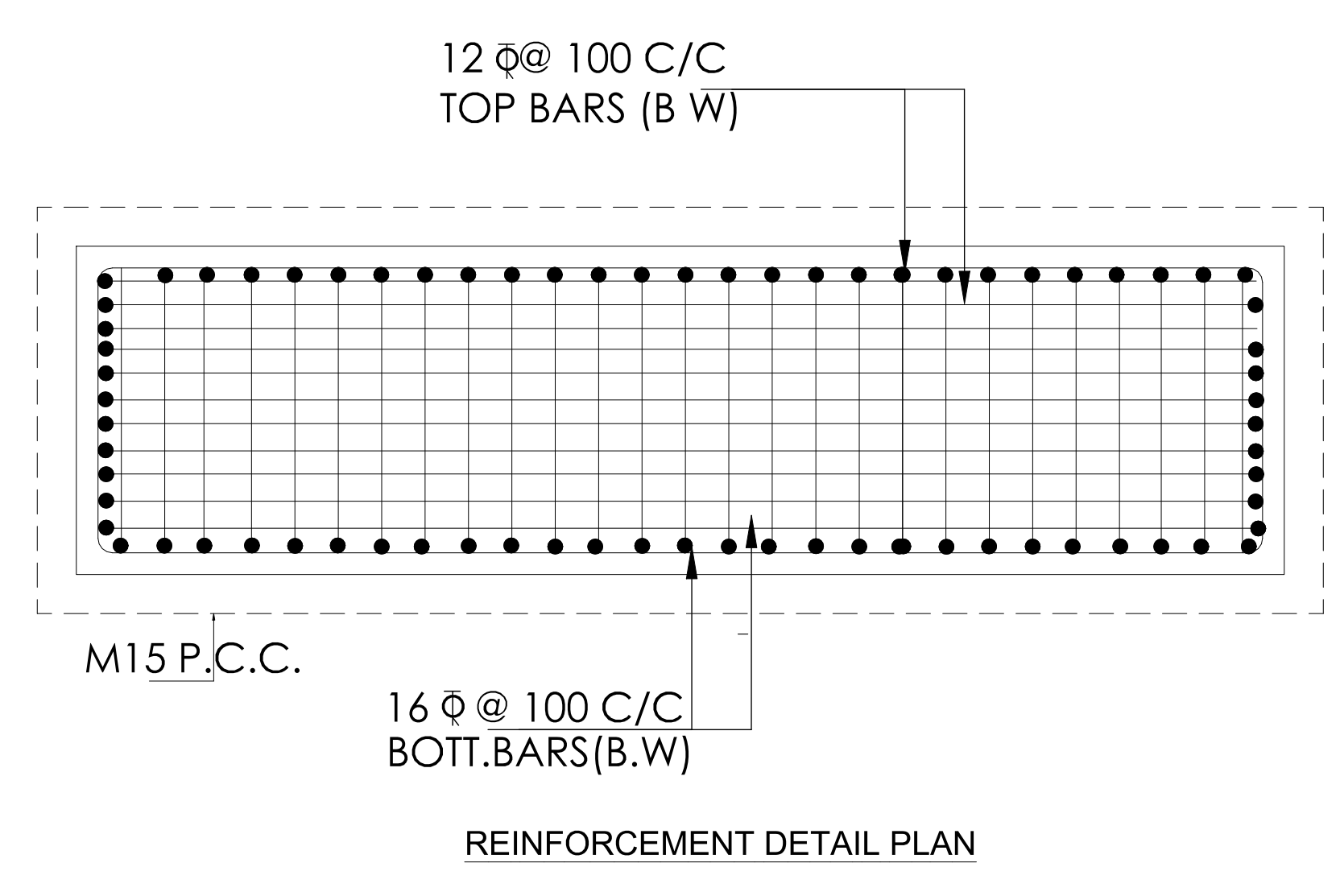
SECTION 19-19



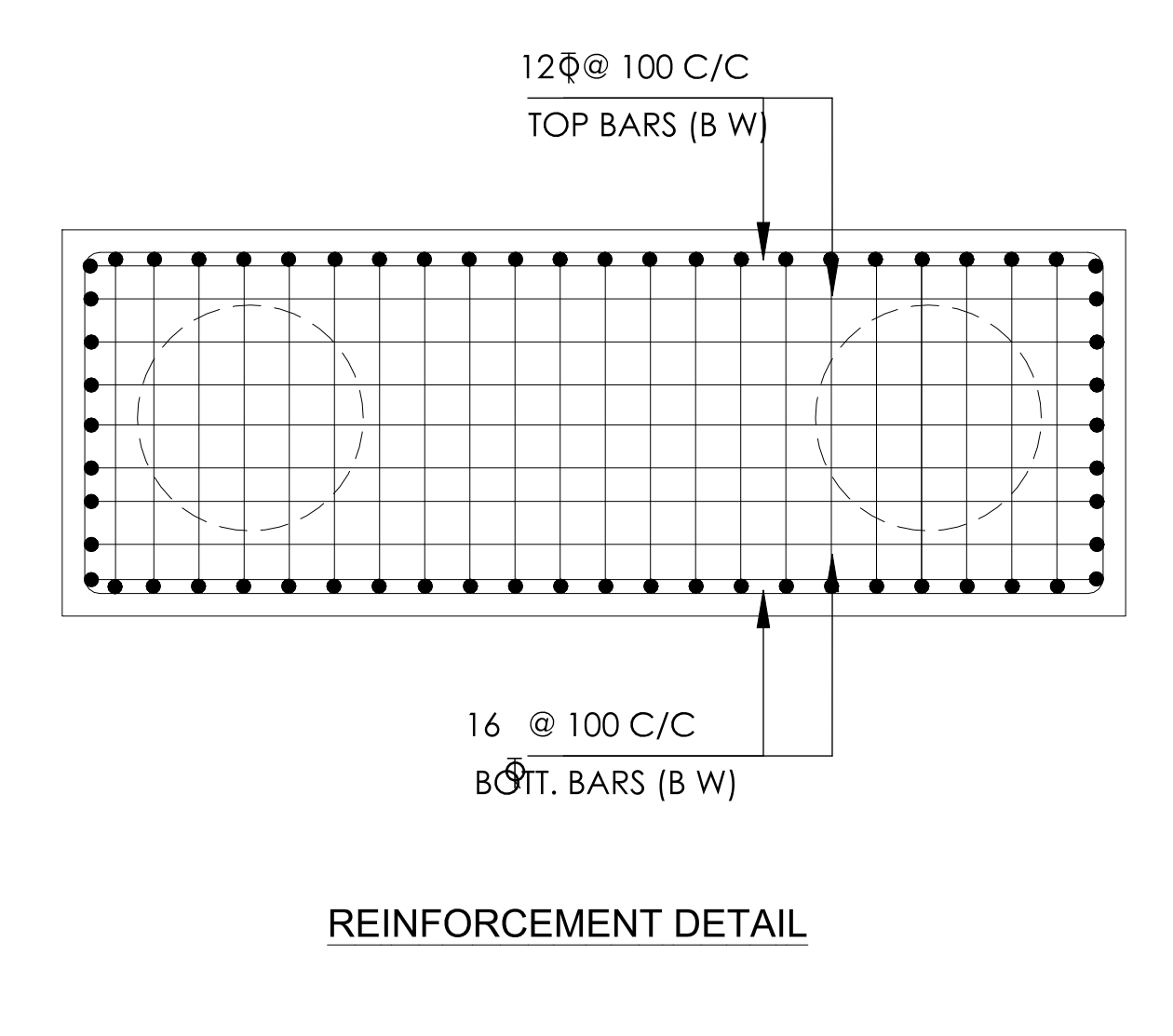
SECTION - 7-7



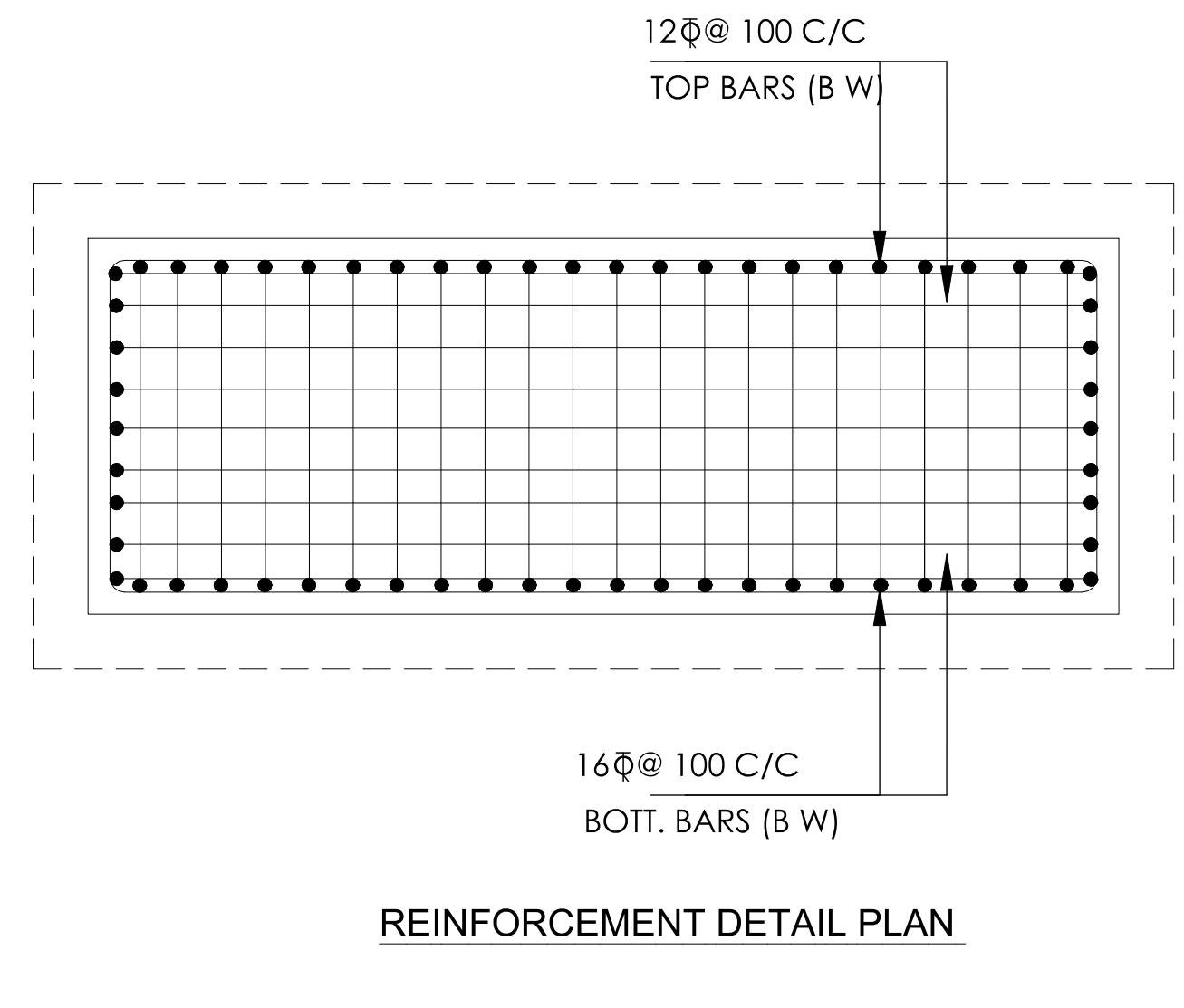
SECTION - 3-3



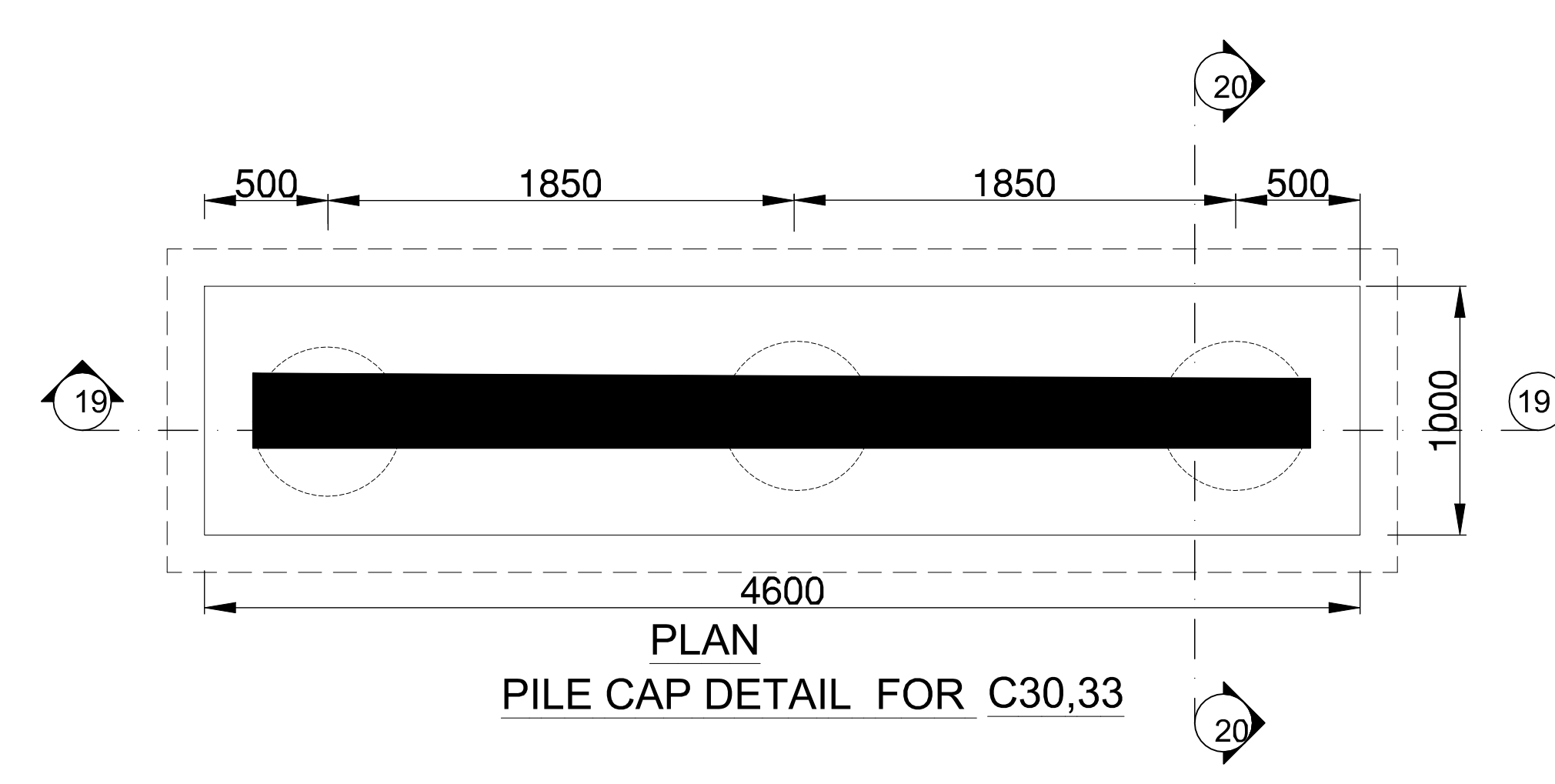
REINFORCEMENT DETAIL PLAN



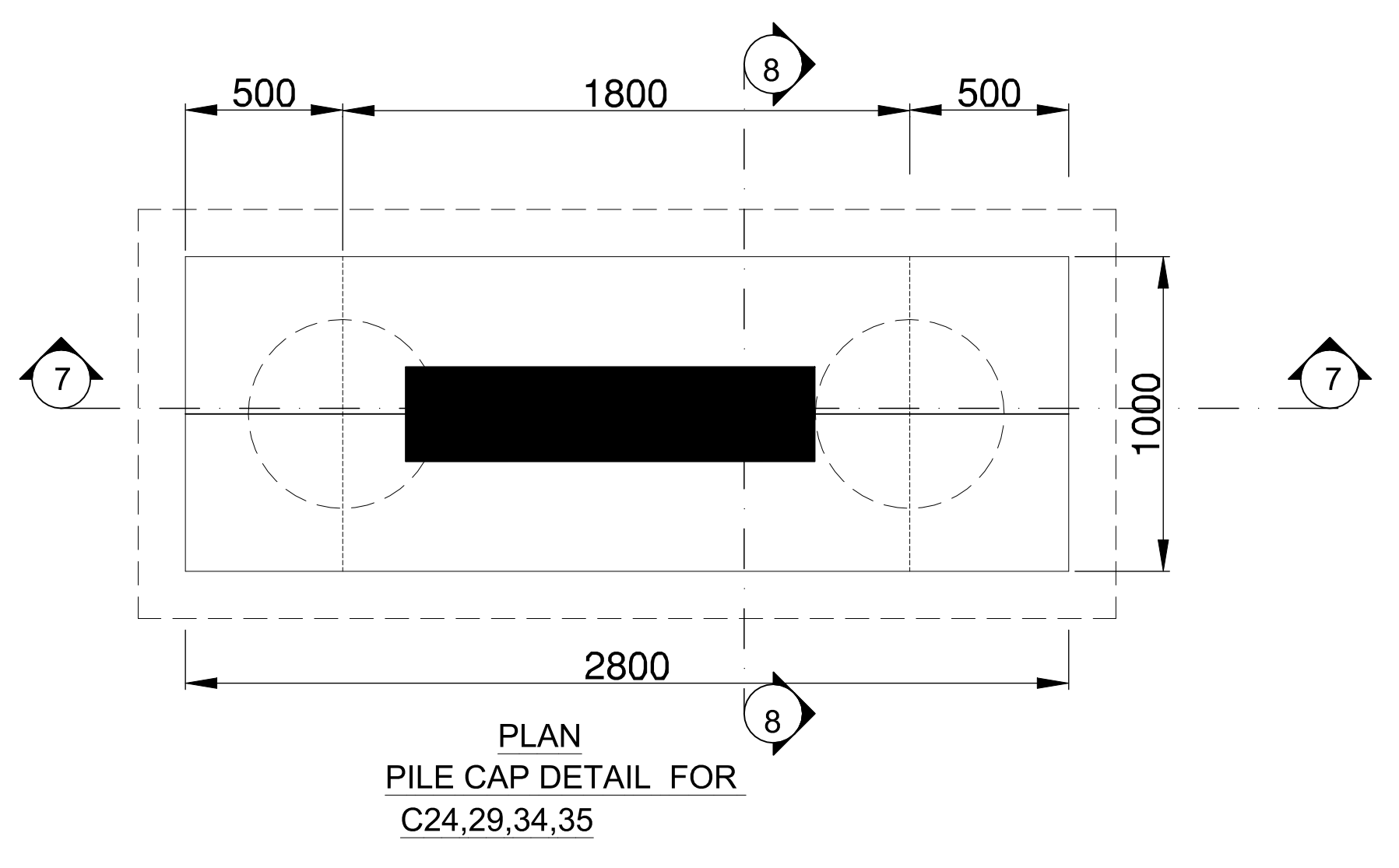
REINFORCEMENT DETAIL



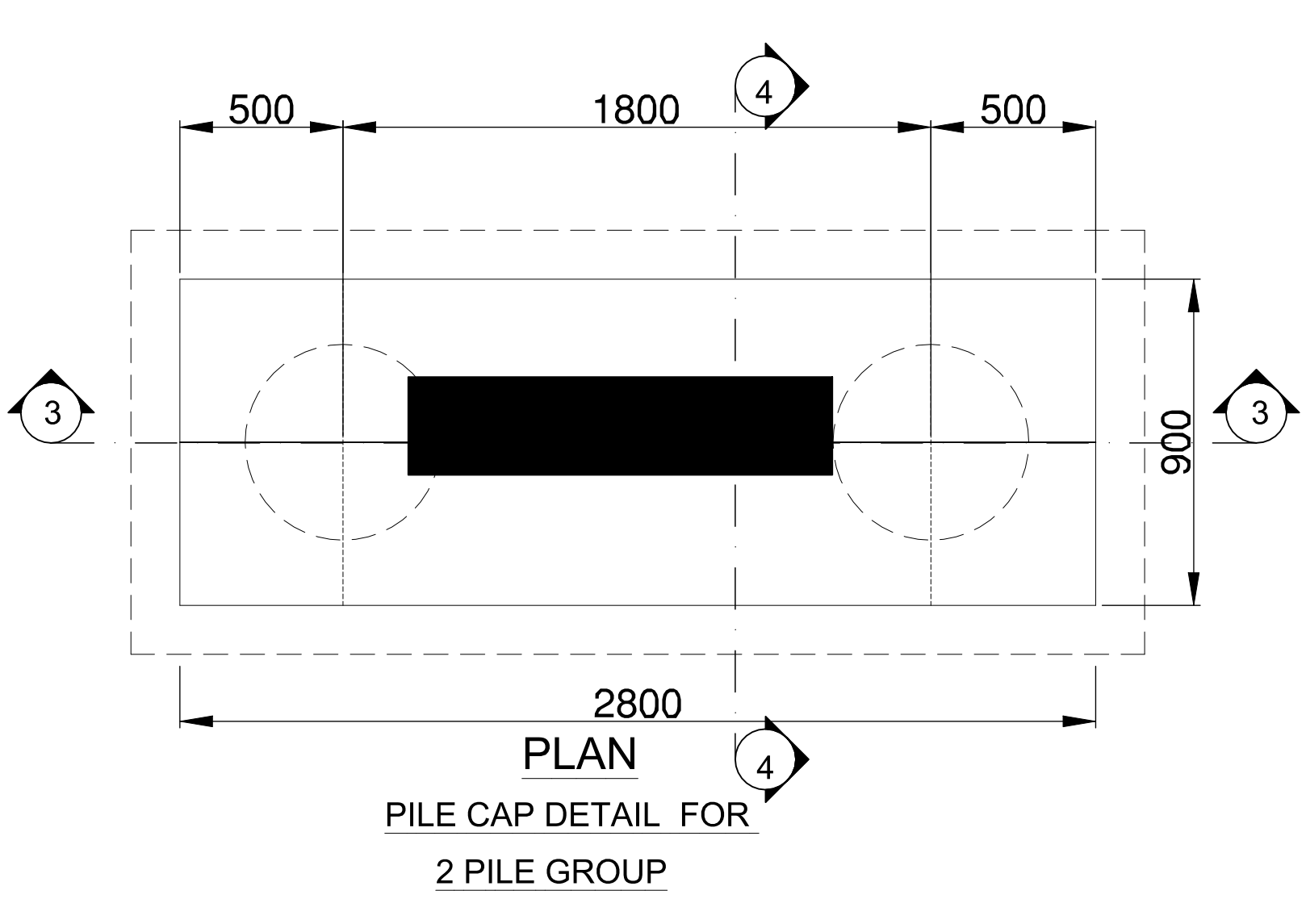
REINFORCEMENT DETAIL PLAN



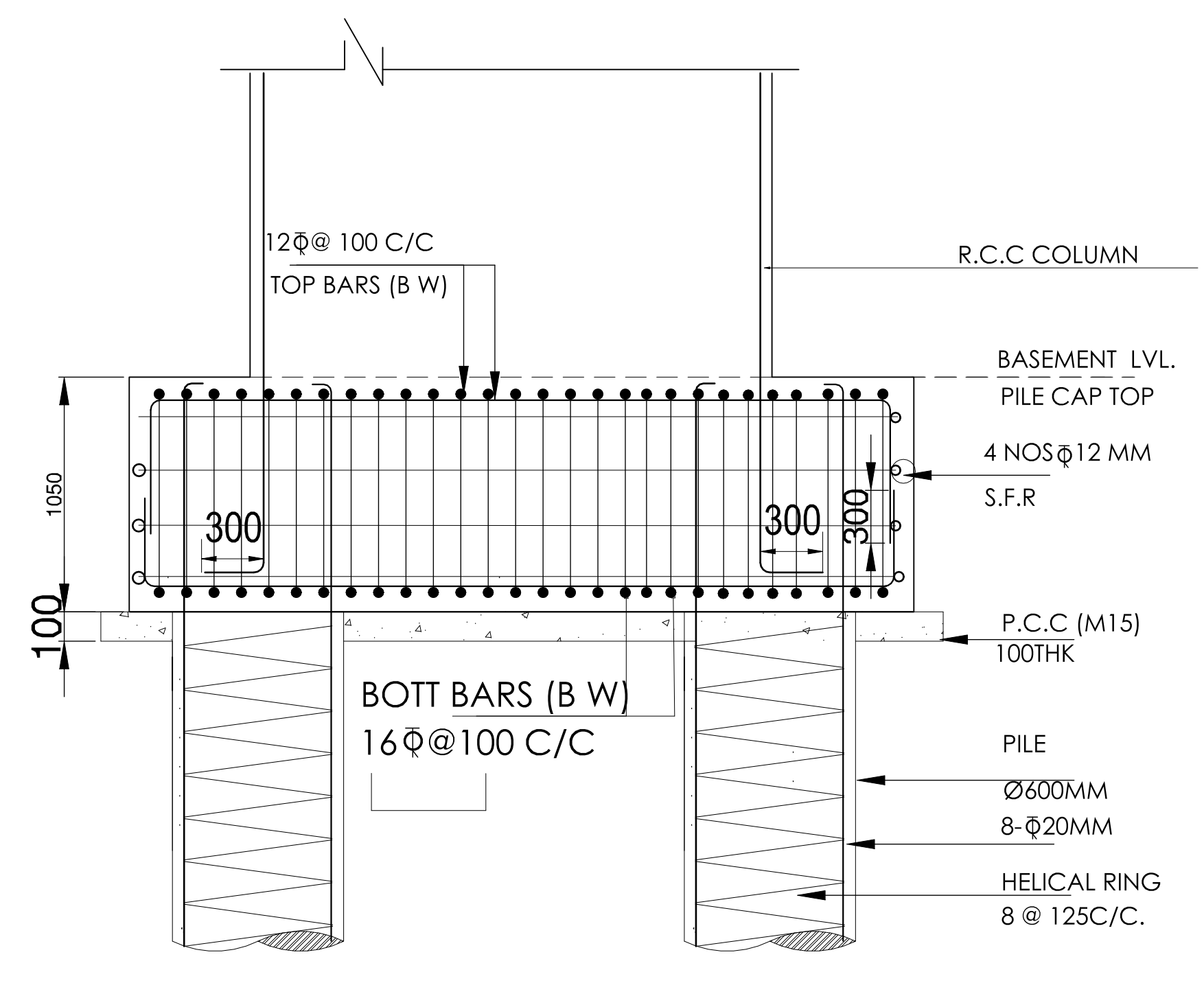
PLAN PILE CAP DETAIL FOR C30,33



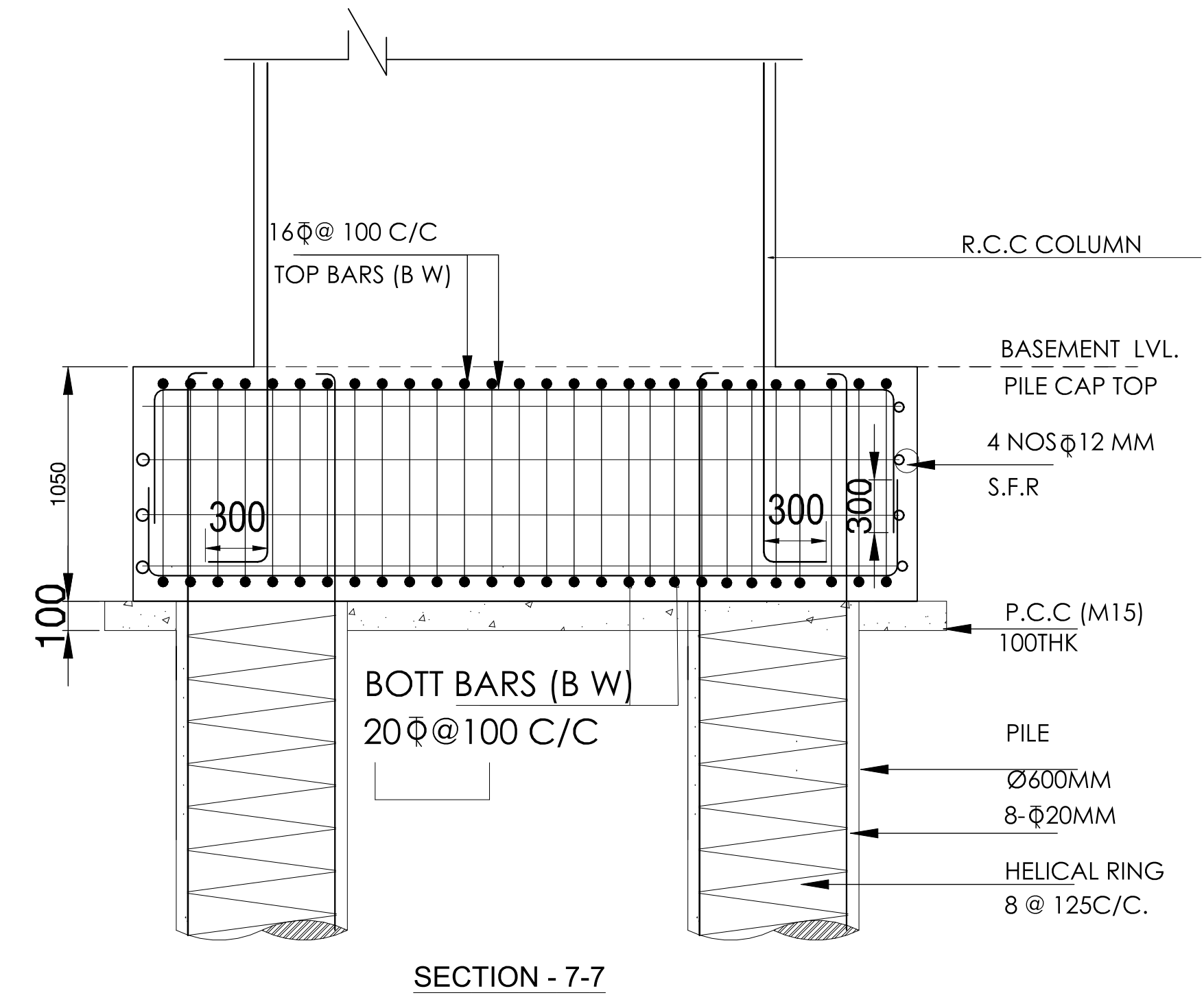
PLAN PILE CAP DETAIL FOR C24,29,34,35



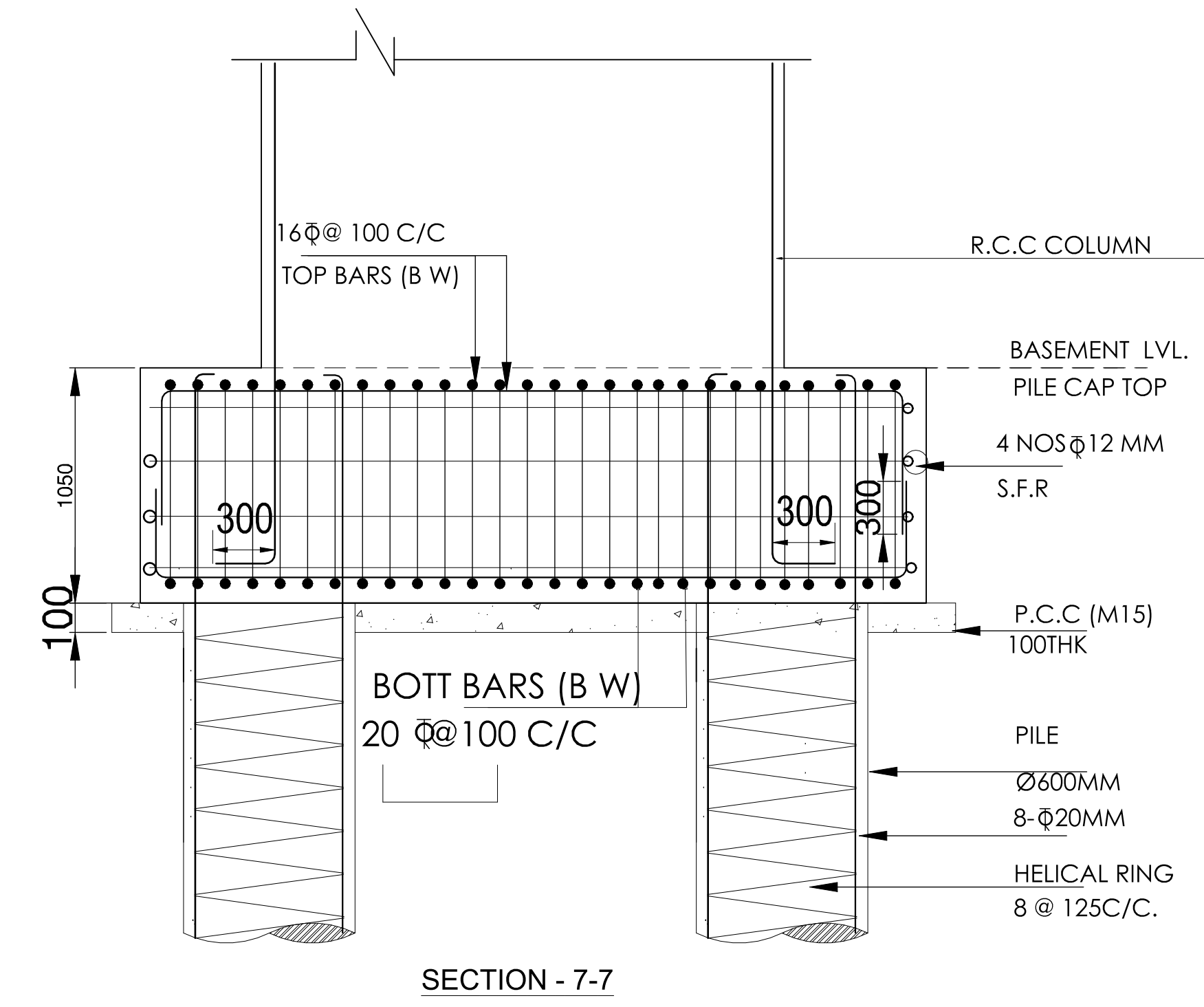
PLAN PILE CAP DETAIL FOR 2 PILE GROUP



SECTION - 4-4



SECTION - 7-7



SECTION - 7-7

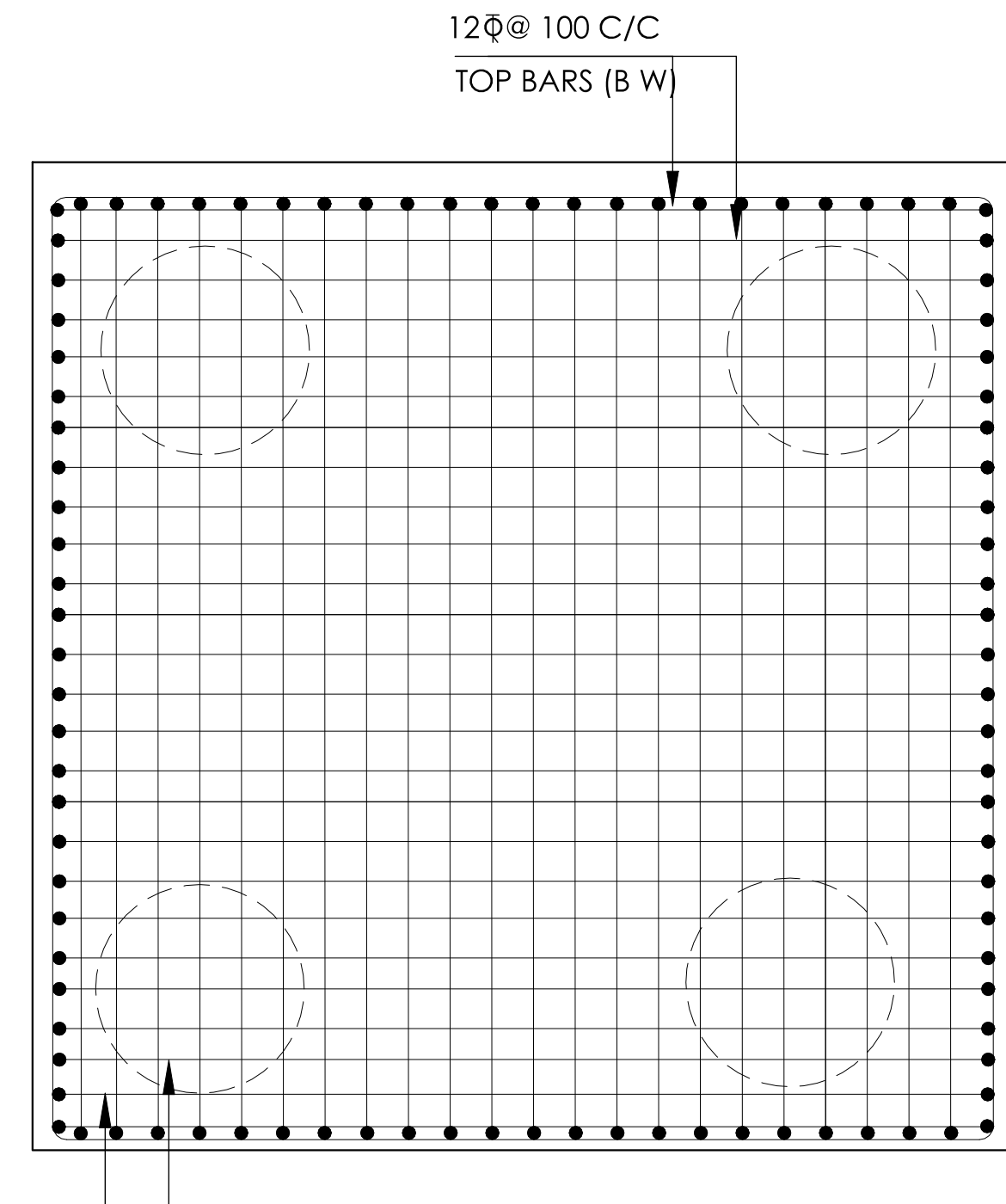
GENERAL NOTES -

NOTES & REFERENCES

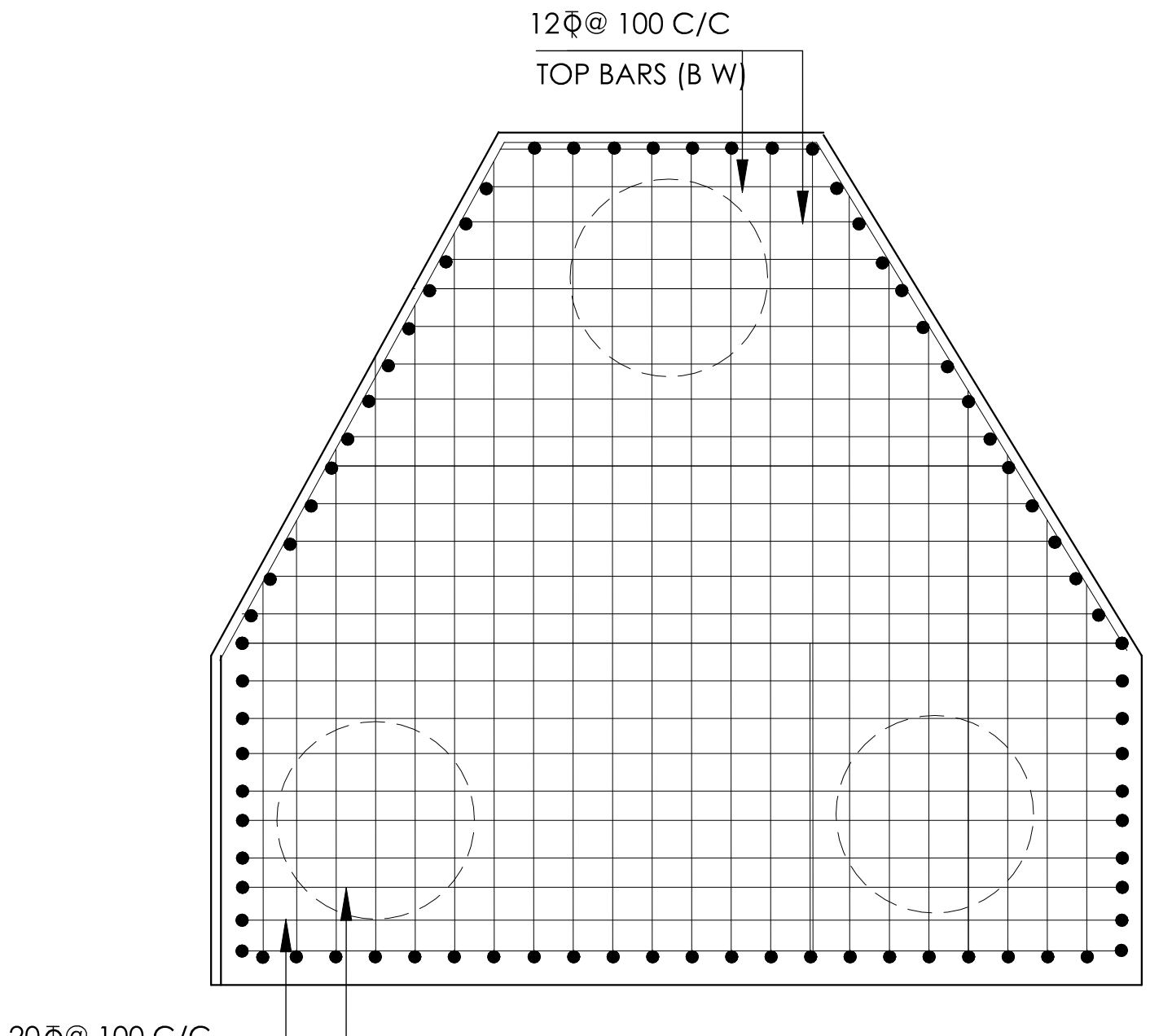
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
2. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
3. DO NOT SCALE ANY DIMENSION.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
5. FOR RCC, WORK CONCRETE MIX USE FOR COLUMN & REST M-25 DESIGN MIX CONFORMING TO IS 456 : 2007.
6. THE REINFORCEMENT SHALL BE COLDWITTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS 1786 - 2006.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
 - (a) FOUNDATION : 50MM surfaces in contact with earth
 - (b) COLUMN : 40MM
 - (c) BEAMS (top & bottom) : 30MM (Side cover) : 25MM
 - (d) SLAB : 20MM
 - (e) CHAJJAS/CANOPY : 20MM
 - (f) R.C.C. WALL : 25MM
8. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN
12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS-456. SPACER BAR
13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRGS. & IN CASE OF ANY DISCREPANCY ARCHITECTS DRGS. SHALL PREVAIL.
14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

MATERIAL SPECIFICATIONS

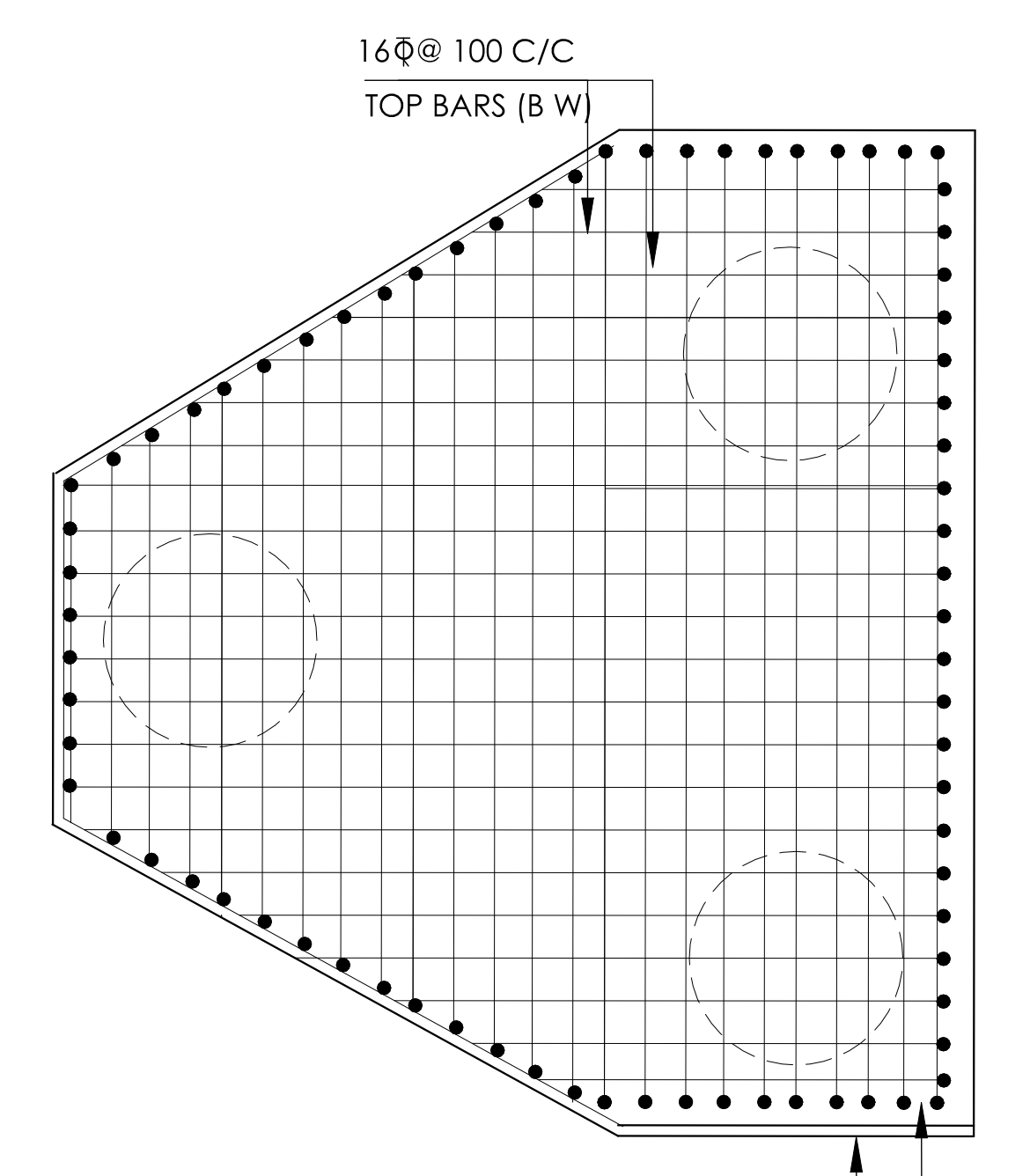
- 1) CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
- 2) HIGH YIELD STRENGTH STEEL CONFORMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
- 2) MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&S 8112



REINFORCEMENT DETAIL PLAN



REINFORCEMENT DETAIL PLAN



REINFORCEMENT DETAIL PLAN

LAP LENGTH FOR REIN. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
	48 d	60 d
	41 d	50 d
	38 d	46 d
	34 d	40 d
M 40 AND ABOVE	30 d	36 d

REV.NO.	DATE	REVISION

CLIENT
MGM HOSPITAL

PROJECT TITLE
PROPOSED GIRLS HOSTEL AT PANVEL

DRAWING TITLE :
SCHEDULE OF COLUMN AND FOOTING

DWG NO.
STR-SC-2023-100

SCALE:- N.T.S

DRAWN BY:- BHARAT

DESIGNED BY:- MANOJ SIR

CHECKED BY:- BAHUBALI SIR

DATE:- 05/05/2023

ARCHITECTS:
DISHAA

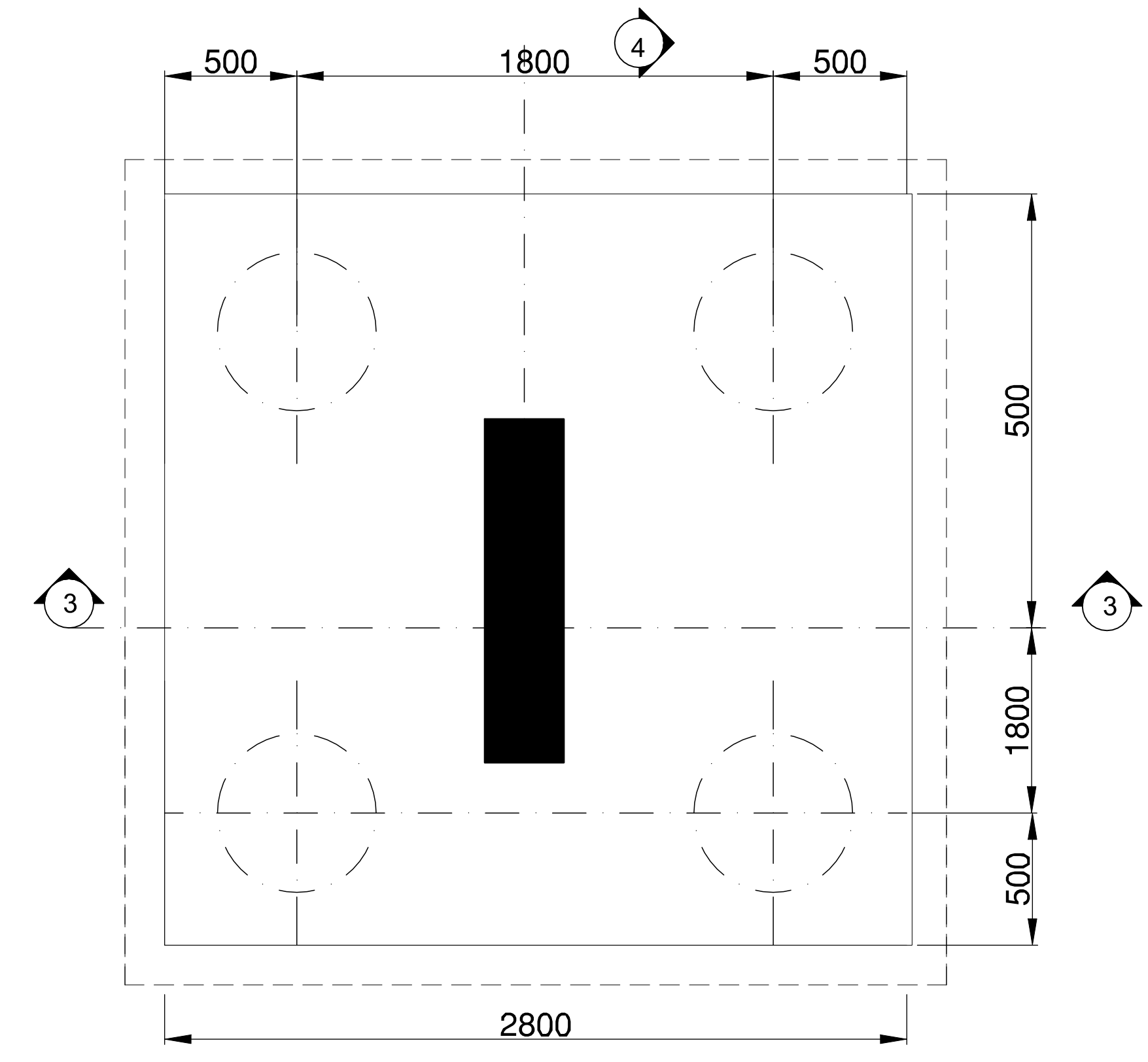
STRUCTURAL CONSULTANT:
SC SHRAVANI CONSULTANTS CONSULTING ENGINEERS F-7, NEIGHBOURHOOD SHOPPING COMPLEX SECT-4 NERUL NAVI MUMBAI

DRAWING RELEASED FOR:

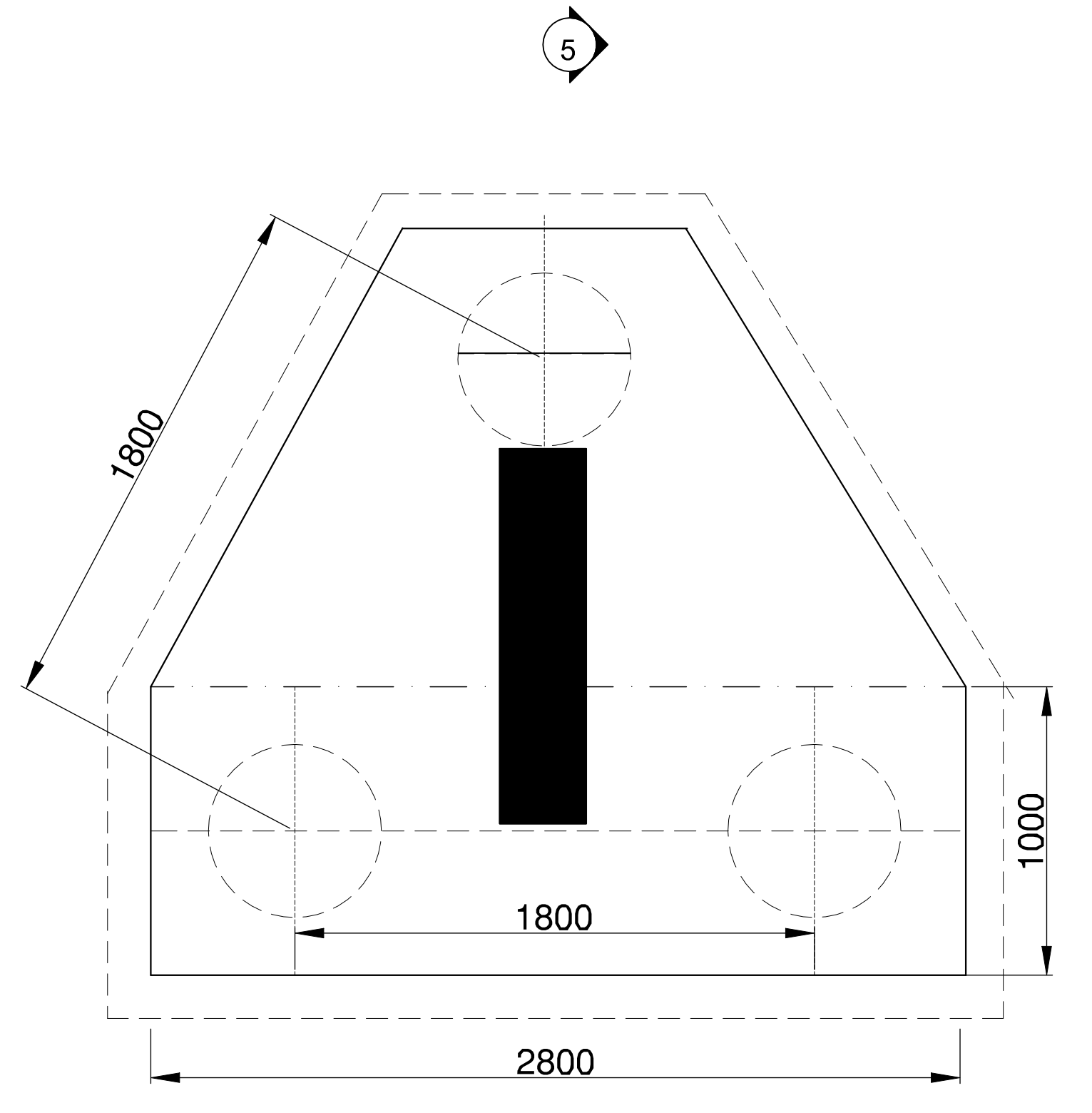
APPROVAL FOR INFORMATION ONLY

ADVANCE COPY CONSTRUCTION

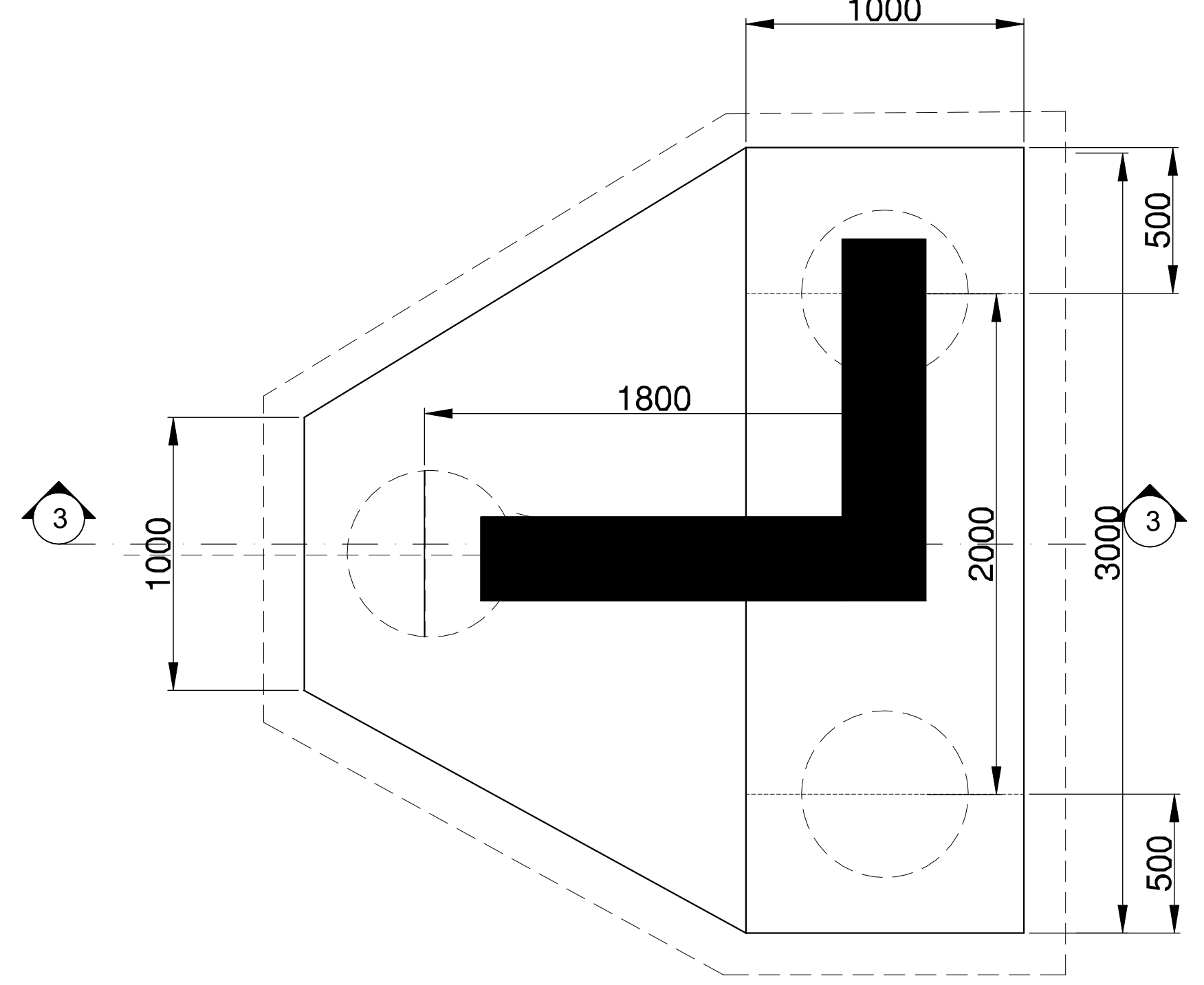
ARCHITECT'S SIGN _____ OWNER'S SIGN _____



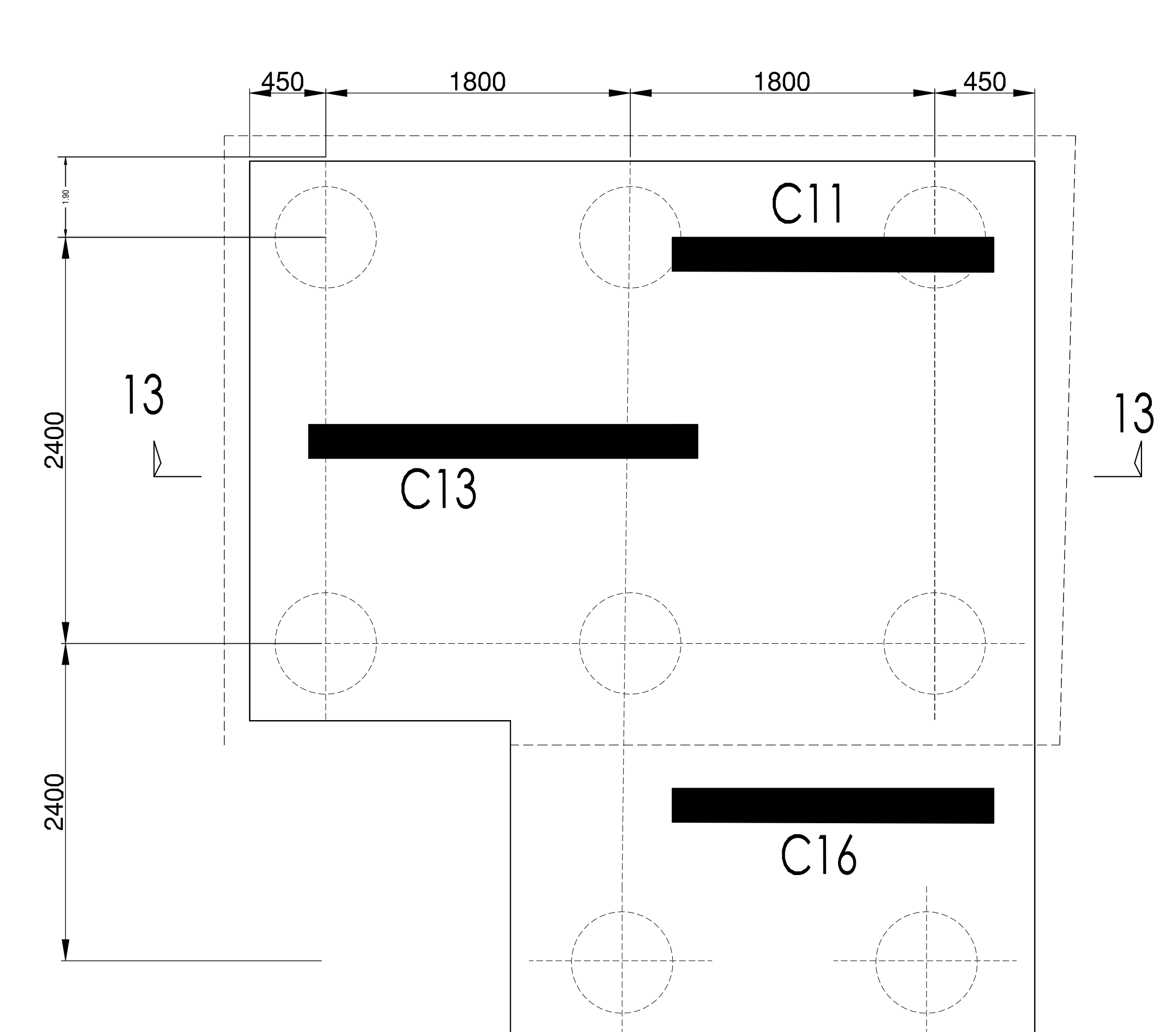
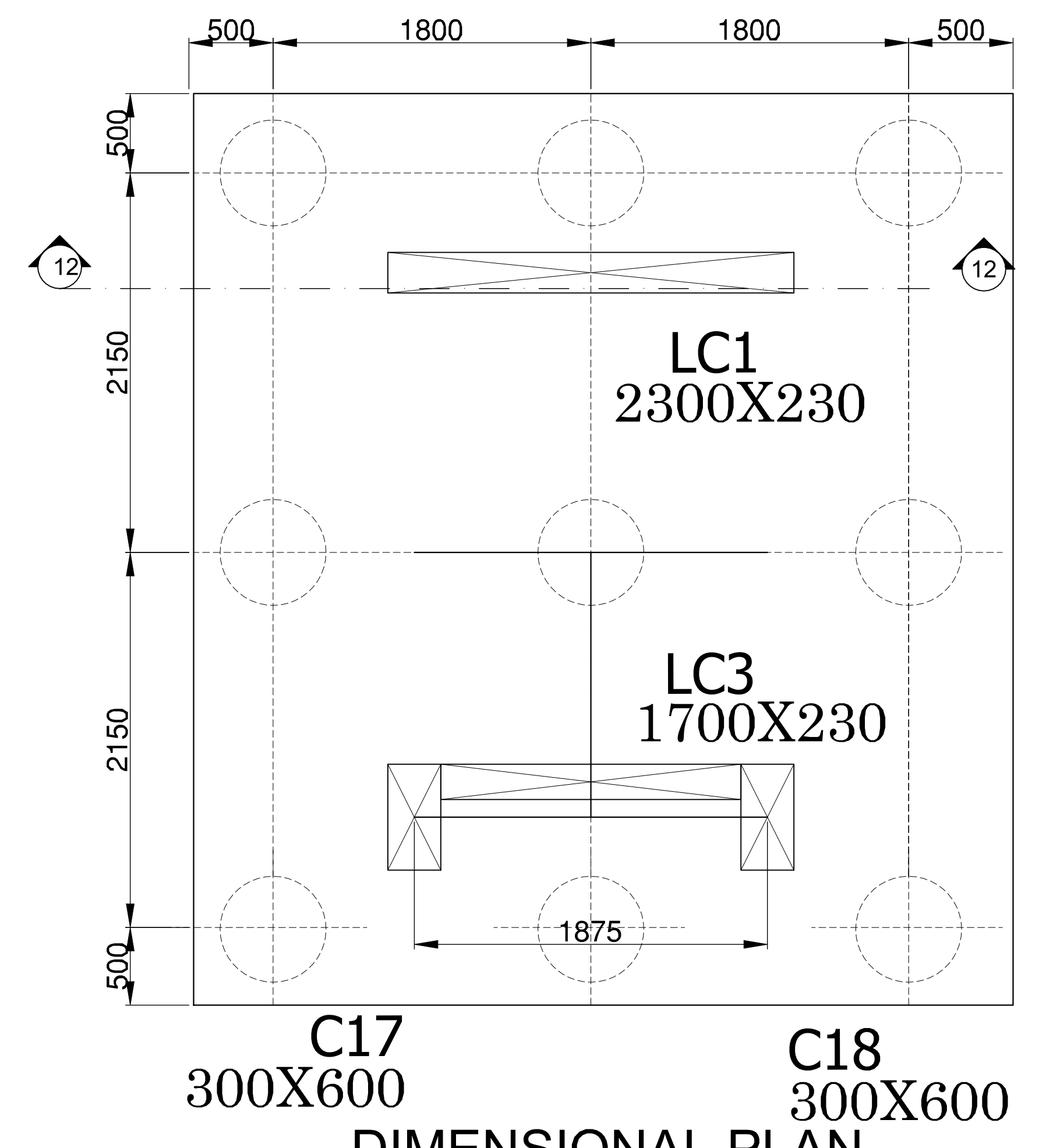
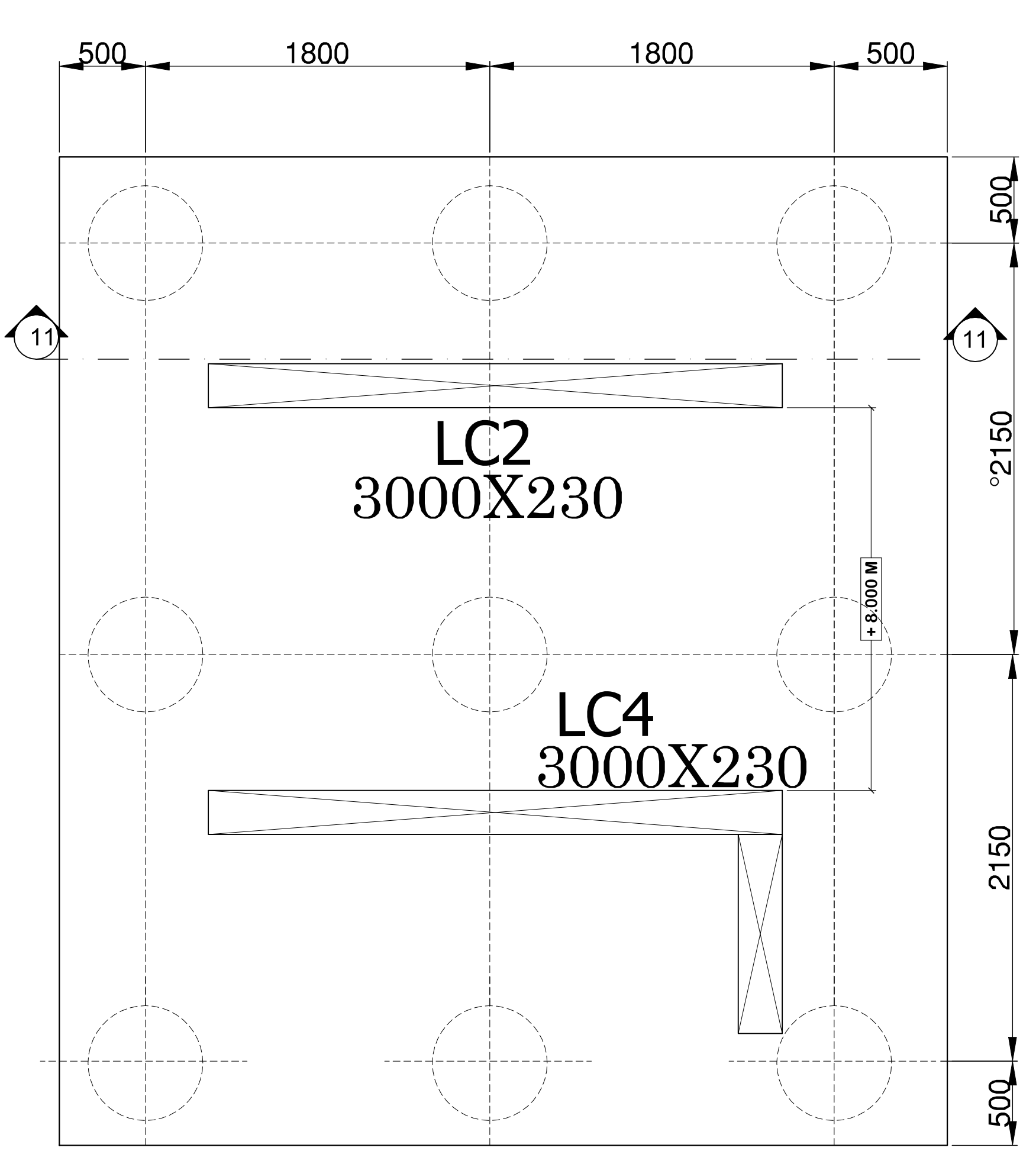
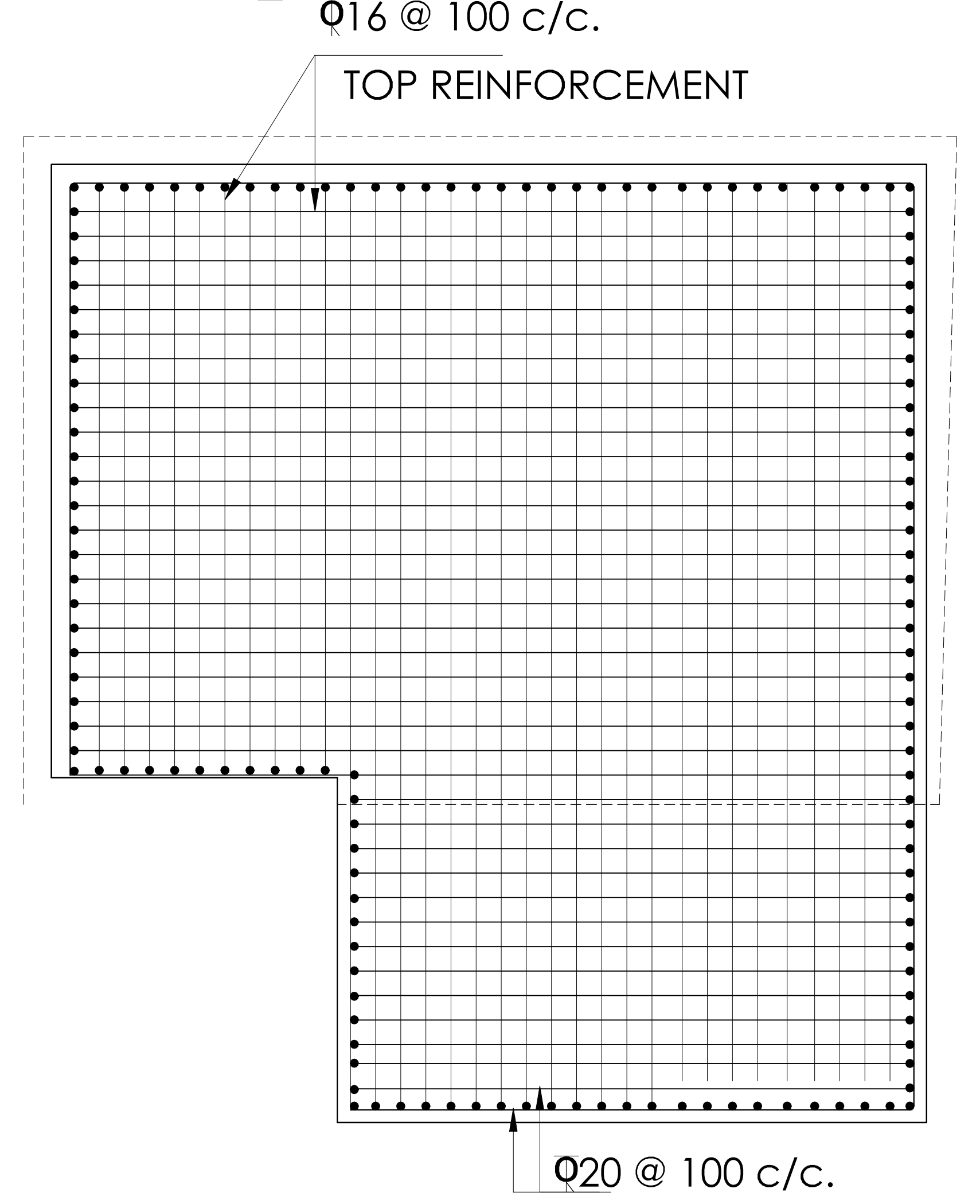
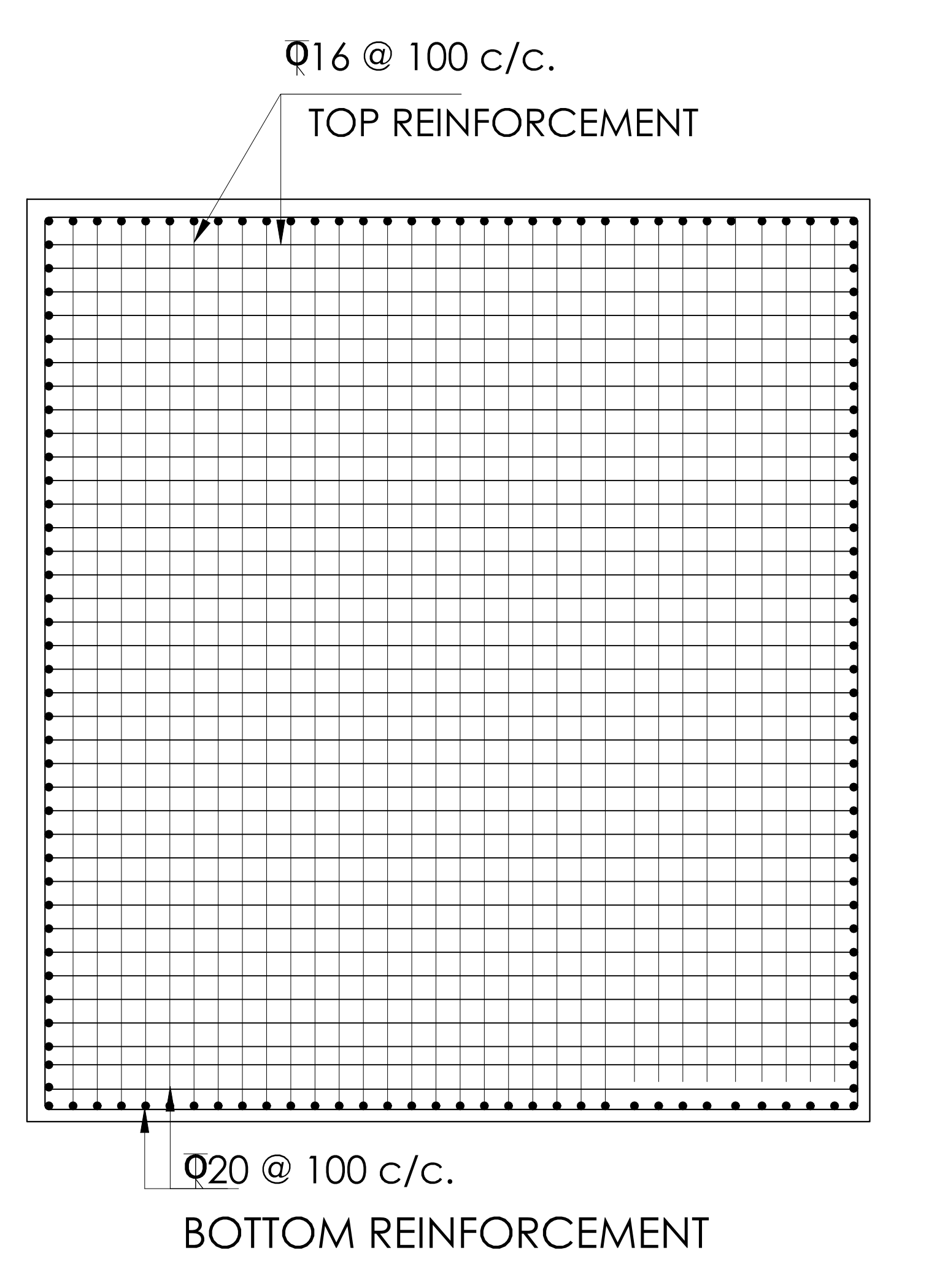
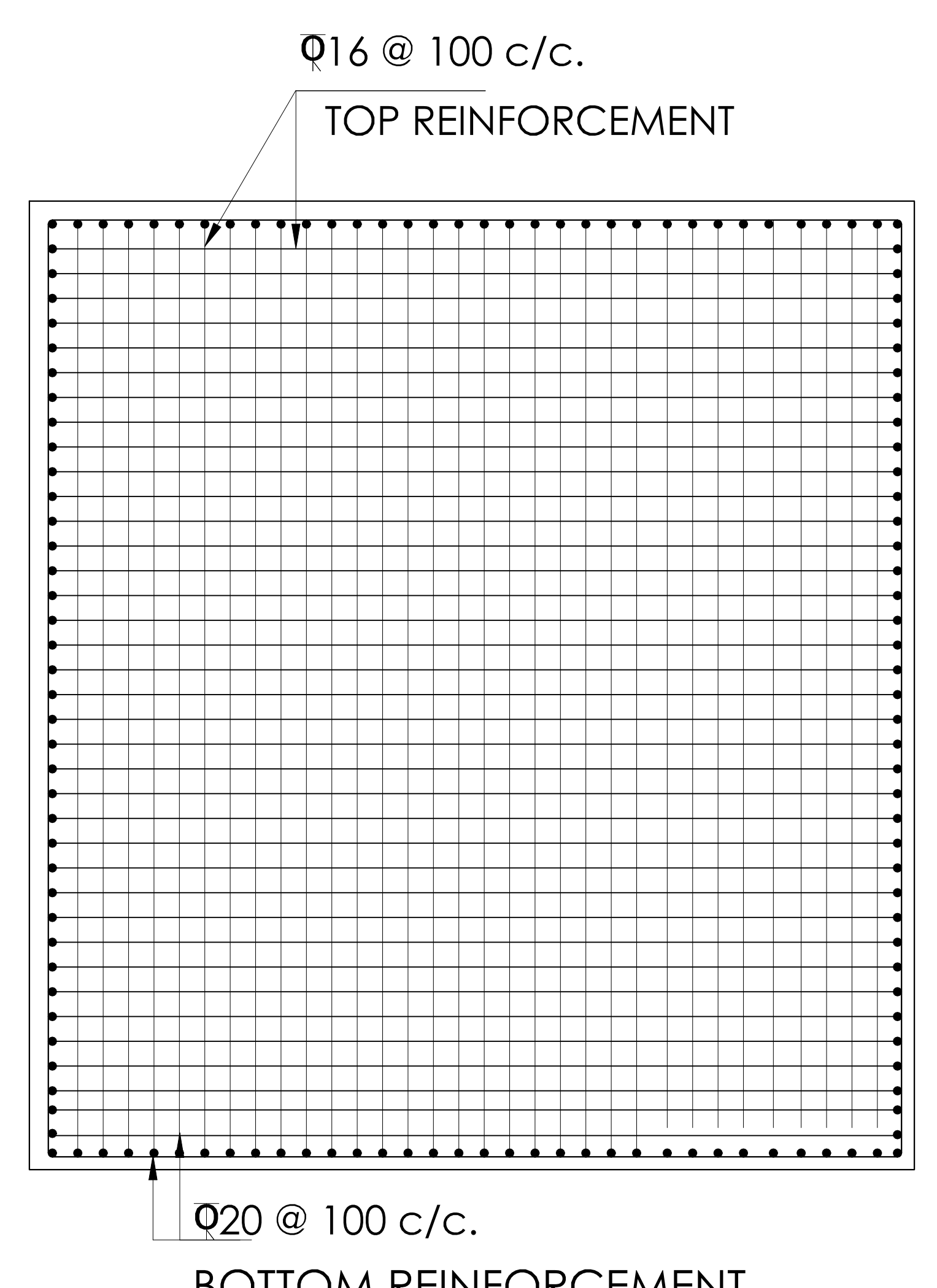
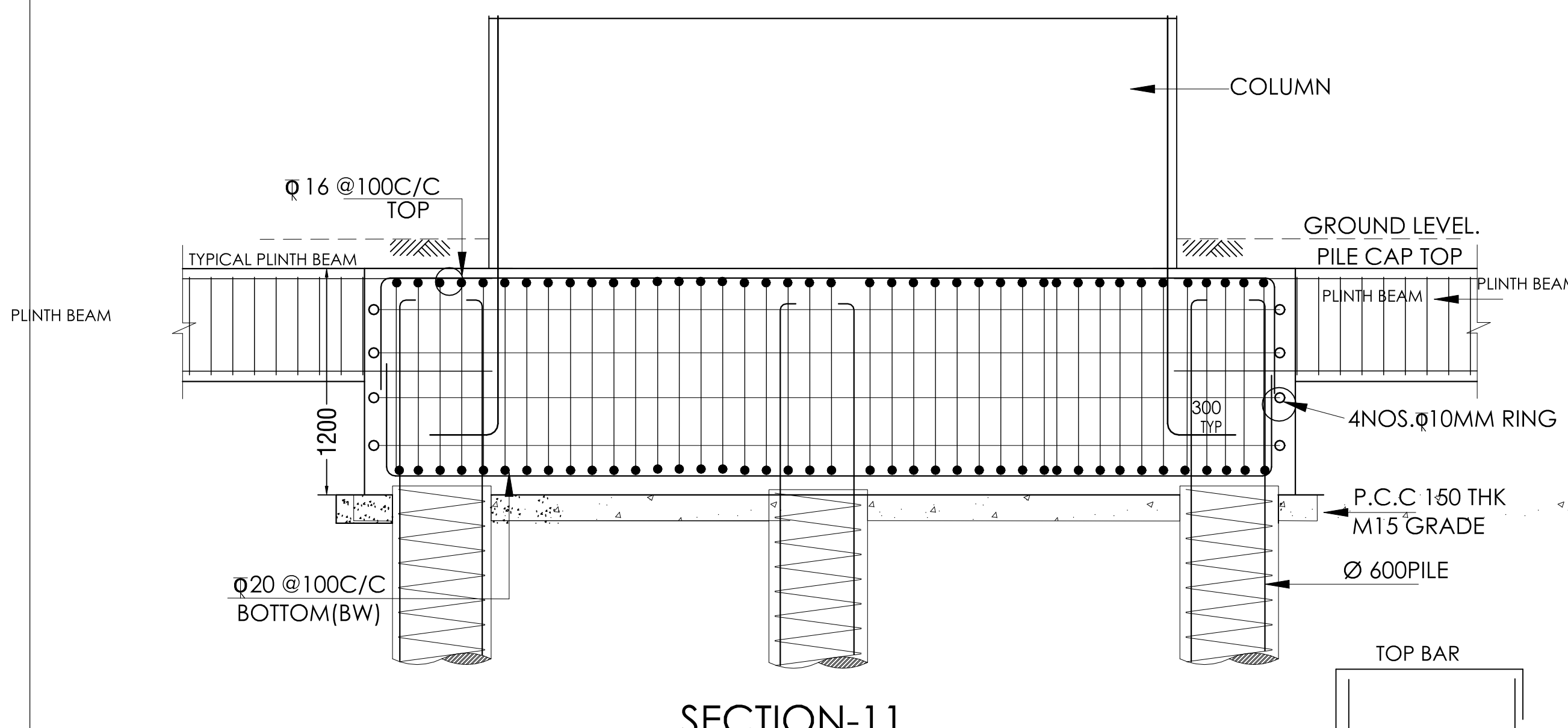
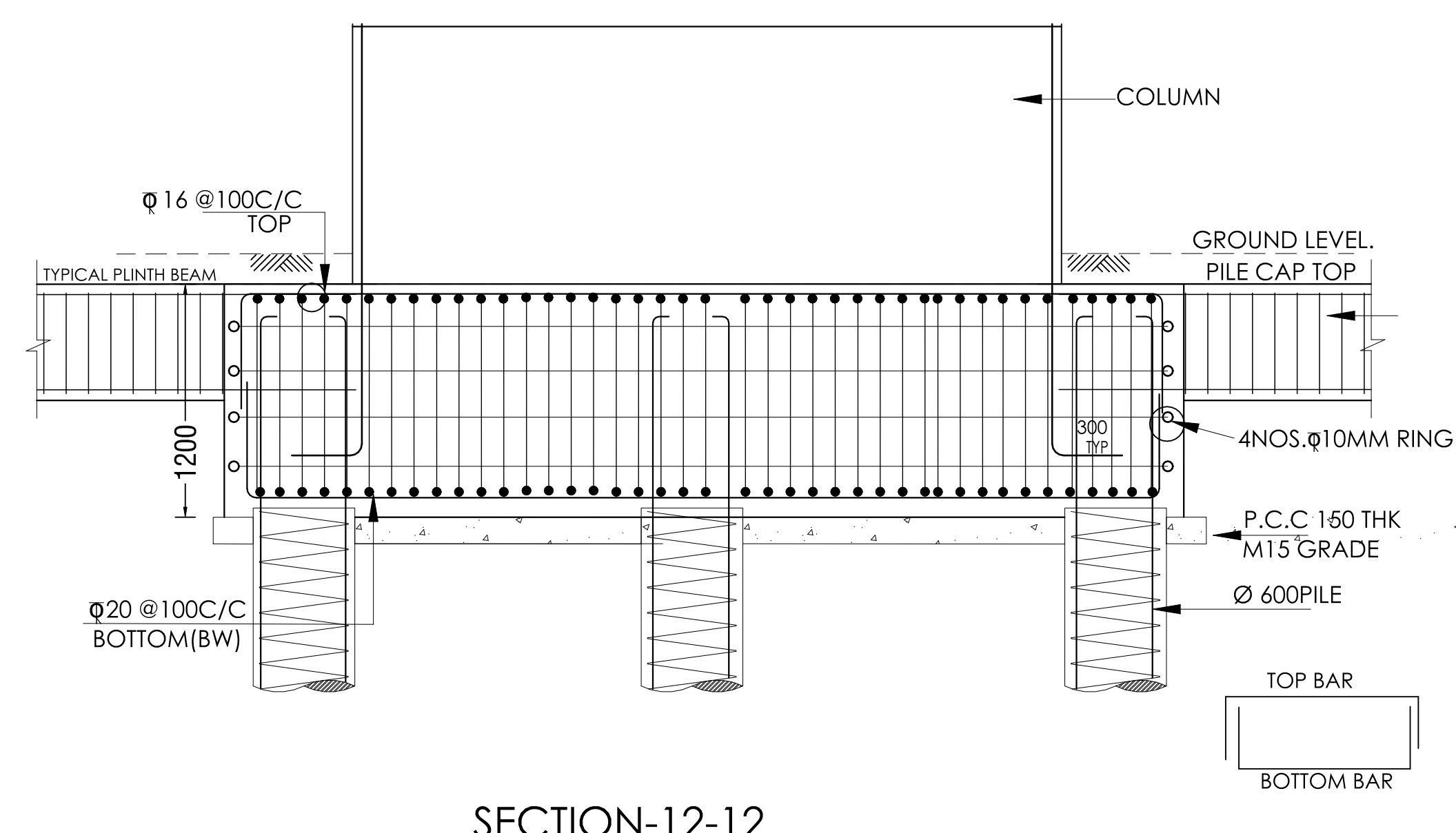
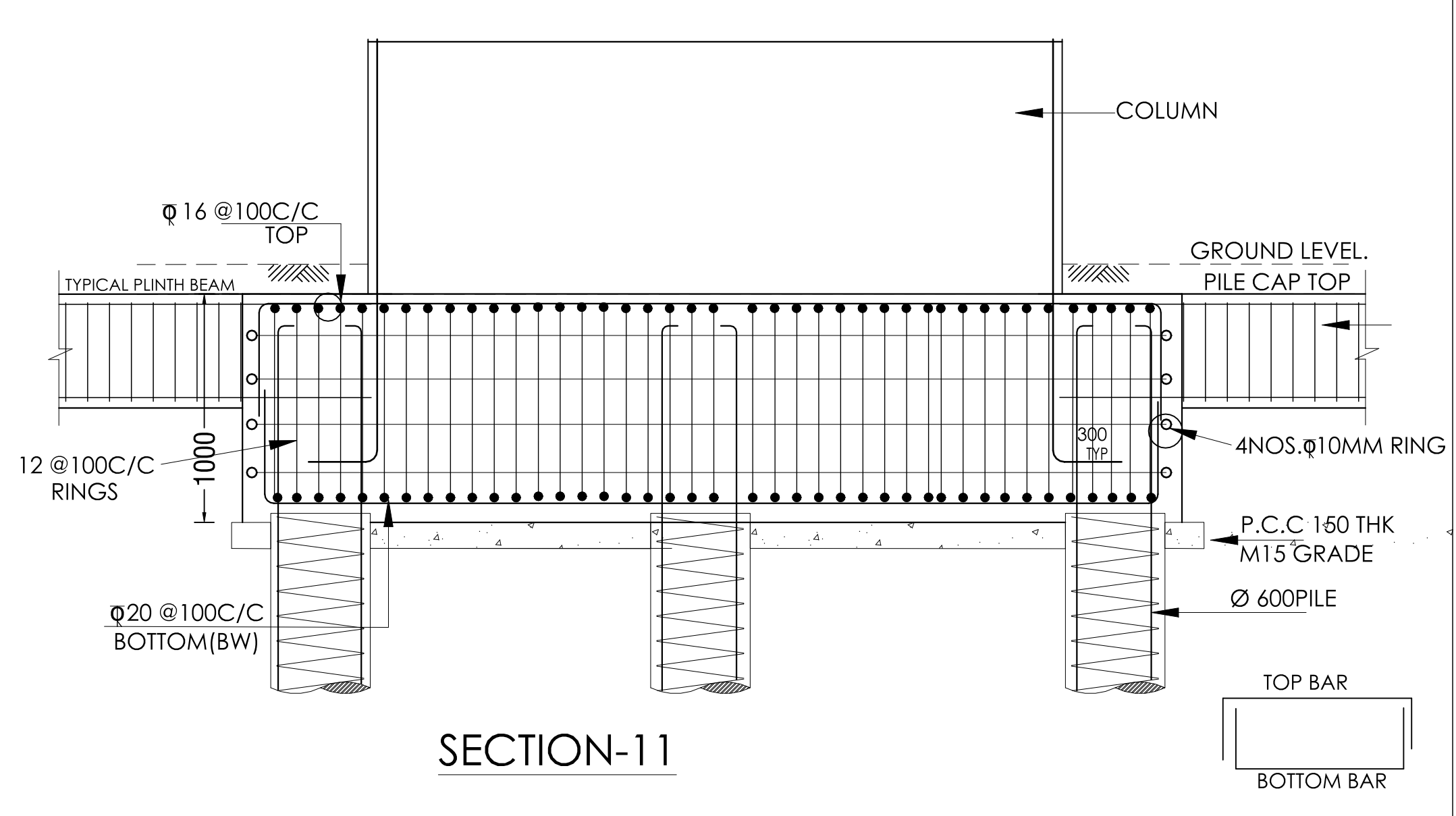
DIMENSIONAL PLAN
C1,2,3



DIMENSIONAL PLAN
3 PILE GROUP



DIMENSIONAL PLAN
C4,5,6,10



GENERAL NOTES -

NOTES & REFERENCES

1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
2. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
3. DO NOT SCALE ANY DIMENSION.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
5. FOR R.C.C. WORK CONCRETE MIX USE FOR COLUMN & REST M-25 DESIGN MIX CONFORMING TO IS 456 : 2007.
6. THE REINFORCEMENT SHALL BE COLD TWISTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS 1786 : 2006.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-

(a) FOUNDATION	50MM surfaces in contact with earth
(b) COLUMN	40MM
(c) BEAMS	(top & bottom) : 30MM (side cover) : 25MM
(d) SLAB	20MM
(e) CHAJJAS/CANOPY	20MM
(f) R.C.C. WALL	25MM
8. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN.
12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS-456. SPACER BAR
13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRGS. & IN CASE OF ANY DISCREPANCY ARCHITECT'S DRGS. SHALL PREVAIL.
14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

MATERIAL SPECIFICATIONS

- 1) CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
- 2) HIGH YIELD STRENGTH STEEL CONFORMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
- 3) MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&S 8112

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
	48 d	60 d
	41 d	50 d
	38 d	46 d
	34 d	40 d
M 40 AND ABOVE	30 d	36 d

REV. NO.	DATE	REVISION

CLIENT
MGM HOSPITAL

PROJECT TITLE
PROPOSED GIRLS HOSTEL AT PANVEL

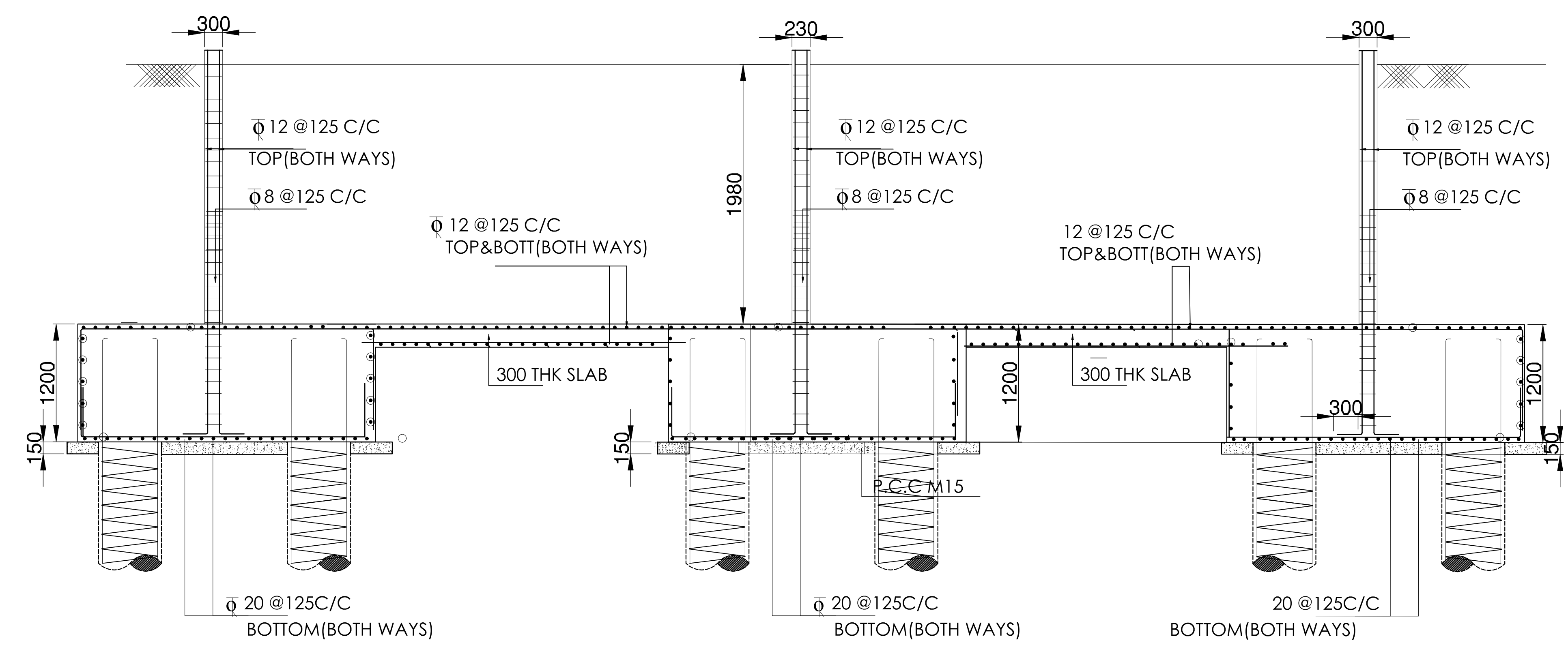
DRAWING TITLE : SCHEDULE OF COLUMN AND FOOTING	DWG NO. STR-SC-2023-100
---------------------------------------------------	----------------------------

SCALE:-	N.T.S
DRAWN BY:-	BHARAT
DESIGNED BY:-	MANOJ SIR
CHECKED BY:-	BAHUBALI SIR
DATE:-	05/05/2023

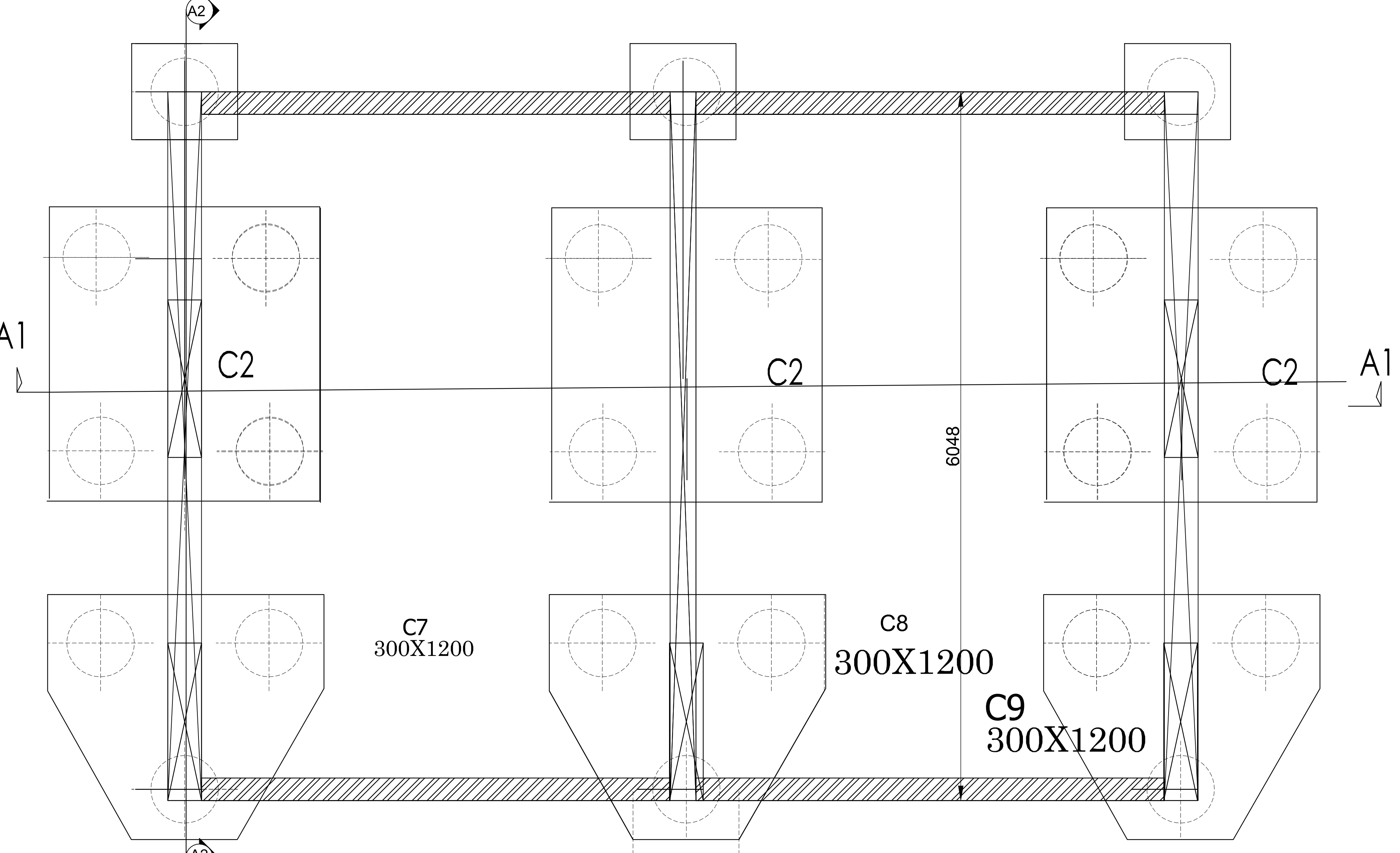
ARCHITECTS:
DISHAA

STRUCTURAL CONSULTANT:
SC SHRAVANI CONSULTANTS CONSULTING ENGINEERS F-7, NEIGHBOURHOOD SHOPPING COMPLEX SECT-4 NERUL NAVI MUMBAI

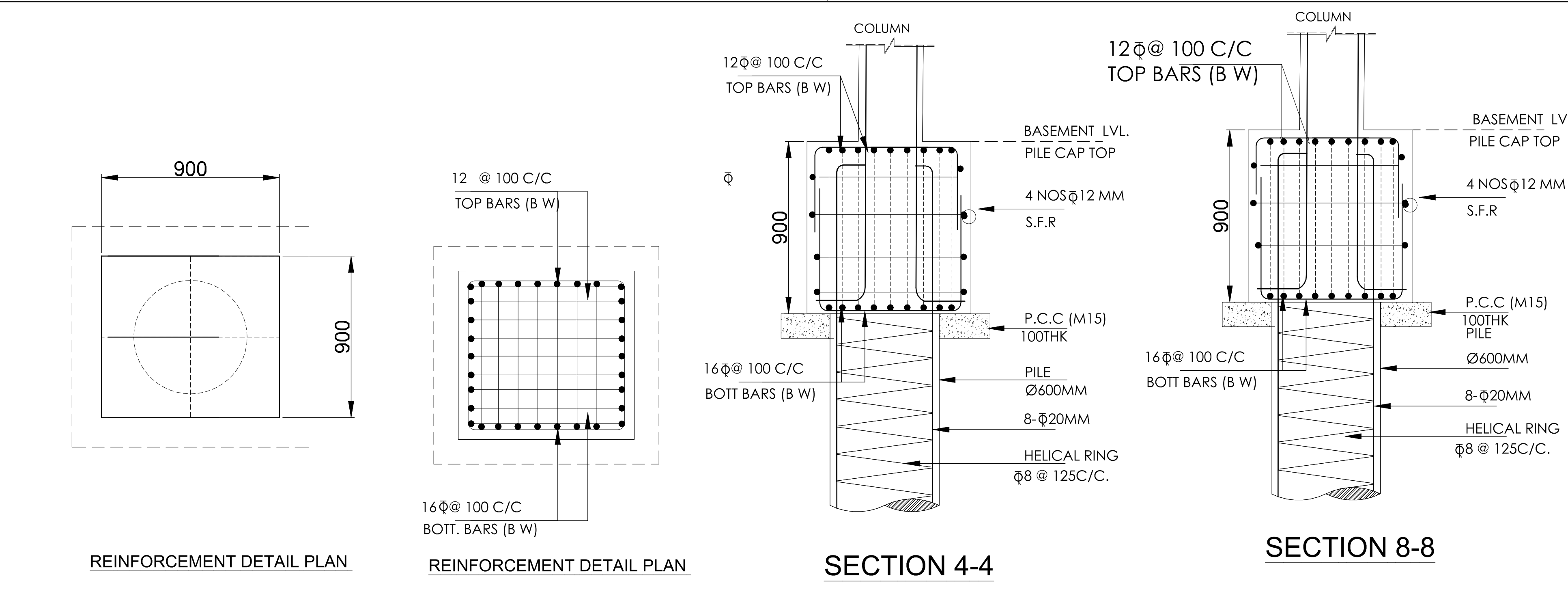
DRAWING RELEASED FOR:	
<input type="checkbox"/> APPROVAL	<input type="checkbox"/> FOR INFORMATION ONLY
<input type="checkbox"/> ADVANCE COPY	<input checked="" type="checkbox"/> CONSTRUCTION
ARCHITECT'S SIGN	OWNER'S SIGN



SECTION A1-A1



PLAN OF LIFT CAR PIT

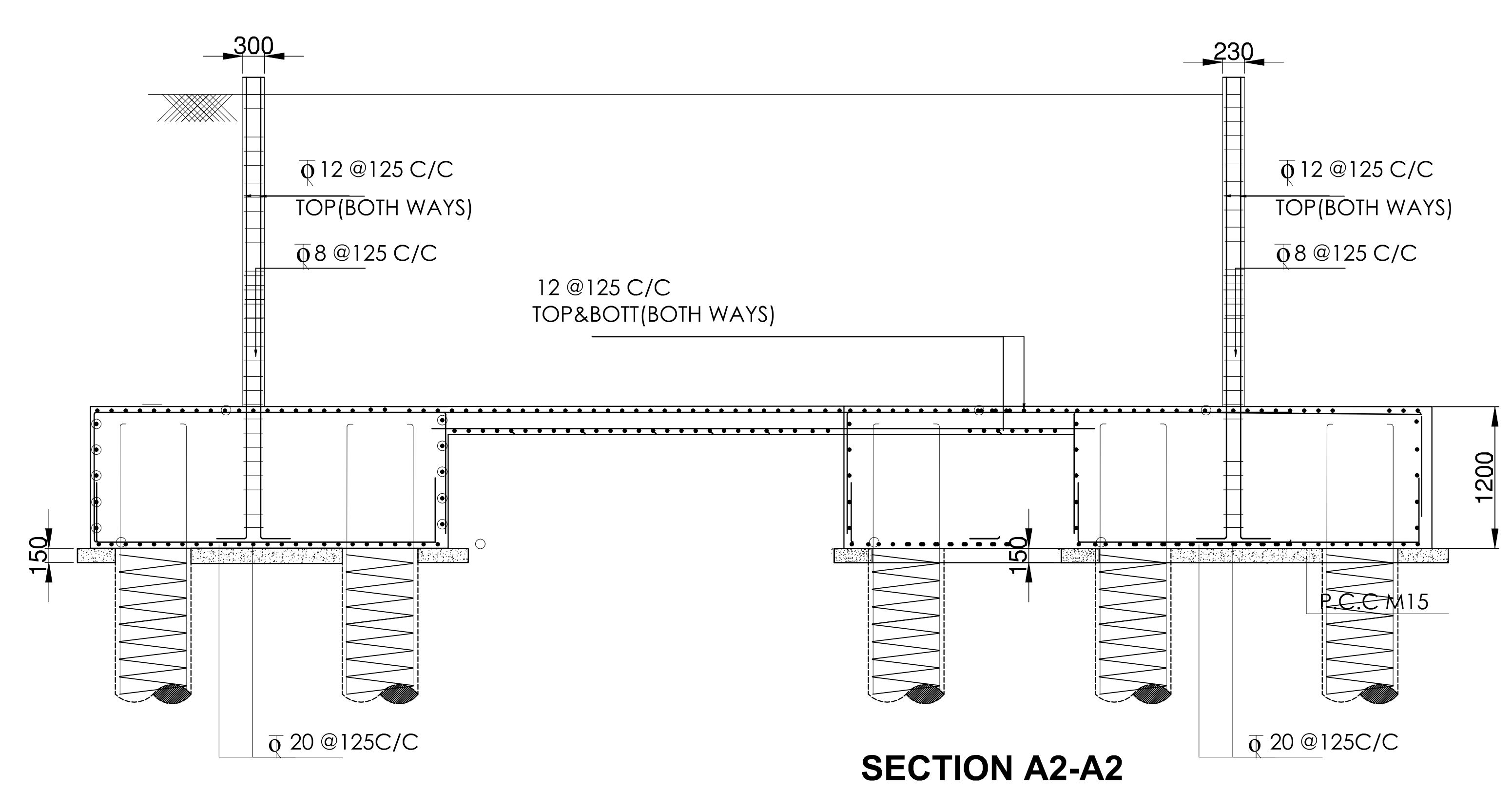


REINFORCEMENT DETAIL PLAN

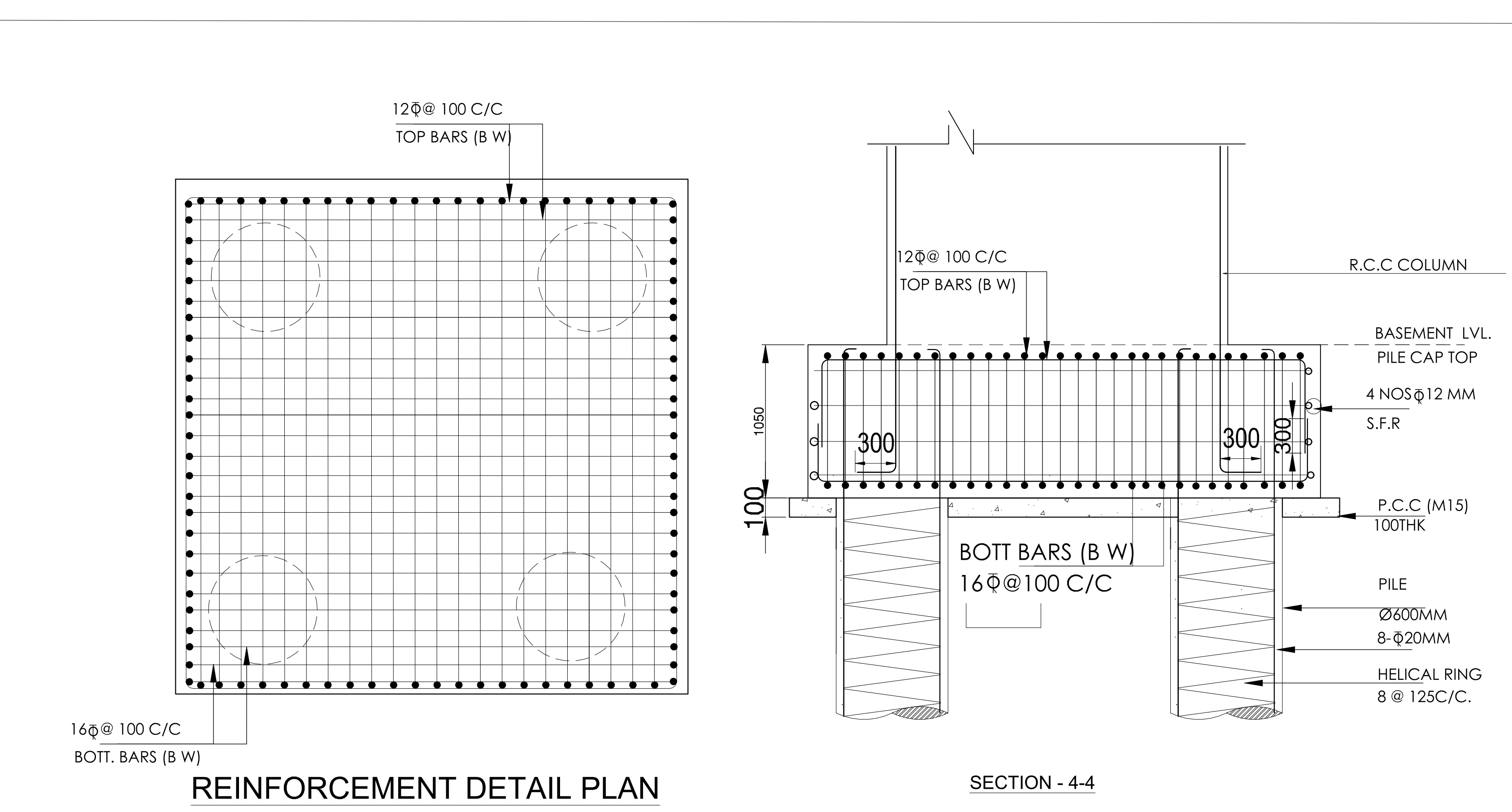
REINFORCEMENT DETAIL PLAN

SECTION 4-4

SECTION 8-8

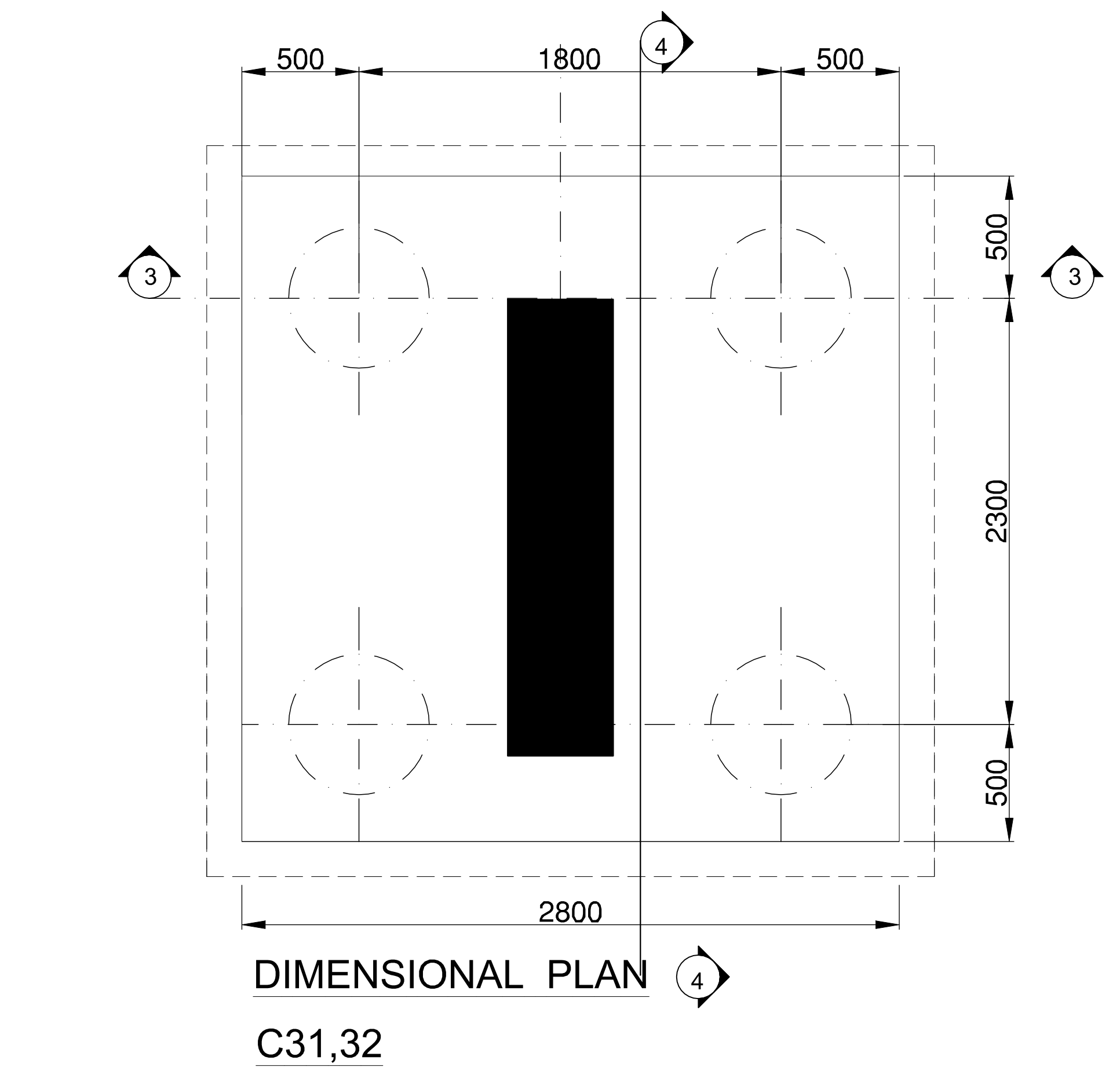


SECTION A2-A2



REINFORCEMENT DETAIL PLAN

SECTION - 4-4



DIMENSIONAL PLAN

C31,32

GENERAL NOTES -

- NOTES & REFERENCES
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
 2. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSION.
 4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
 5. FOR RCC, WORK CONCRETE MIX USE FOR COLUMN & REST M-25 DESIGN MIX CONFORMING TO IS 456 : 2007.
 6. THE REINFORCEMENT SHALL BE COLD TWISTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS. 1786 - 2006.
 7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
 - (a) FOUNDATION : 50MM surfaces in contact with earth
 - (b) COLUMN : 40MM
 - (c) BEAMS (top & bottom) : 30MM (side cover) : 25MM
 - (d) SLABS : 20MM
 - (e) CHAJJAS/CANOPY : 20MM
 - (f) R.C.C. WALL : 25MM
 8. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
 9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
 11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN
 12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS-456. SPACER BAR
 13. IN CASE OF ANY DISCREPANCY ARCHITECTS DRGS. SHALL PREVAIL.
 14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

MATERIAL SPECIFICATIONS

- 1) CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
- 2) HIGH YIELD STRENGTH STEEL CONFORMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
- 3) MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&S 8112

LAP LENGTH FOR REIN. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
	48 d	60 d
	41 d	50 d
	38 d	46 d
	34 d	40 d
M-40 AND ABOVE	30 d	36 d

REV. NO. DATE REVISION

REV. NO.	DATE	REVISION

CLIENT

MGM HOSPITAL
PROJECT TITLE
PROPOSED GIRLS HOSTEL AT PANVEL

DRAWING TITLE :	DWG NO.
SCHEDULE OF COLUMN AND FOOTING	STR-SC-2023-100

SCALE:- N.T.S

DRAWN BY:-	BHARAT
DESIGNED BY:-	MANOJ SIR
CHECKED BY:-	BAHUBALI SIR
DATE:-	05/05/2023

ARCHITECTS:
DISHAA

STRUCTURAL CONSULTANT:
SC SHRAVANI CONSULTANTS CONSULTING ENGINEERS F-7, NEIGHBOURHOOD SHOPPING COMPLEX SECT-4 NERUL NAVI MUMBAI

DRAWING RELEASED FOR:	
<input type="checkbox"/> APPROVAL	<input type="checkbox"/> FOR INFORMATION ONLY
<input type="checkbox"/> ADVANCE COPY	<input checked="" type="checkbox"/> CONSTRUCTION
ARCHITECT'S SIGN	OWNER'S SIGN

GENERAL NOTES -

- NOTES & REFERENCES
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
 2. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSION.
 4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
 5. FOR RCC, WORK CONCRETE MIX USE FOR COLUMN & REST M-25 DESIGN MIX CONFORMING TO IS 456 : 2007.
 6. THE REINFORCEMENT SHALL BE COLD TWISTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS. 1786 - 2006.
 7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION : 50MM surfaces in contact with earth
 - (b) COLUMN : 40MM
 - (c) BEAMS (top & bottom) : 30MM (side cover) : 25MM
 - (d) SLABS : 20MM
 - (e) CHAJJAS/CANOPY : 20MM
 - (f) R.C.C. WALL : 25MM
 8. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
 9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
 11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN
 12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS-456. SPACER BAR
 13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECTS DRGS. & IN CASE OF ANY DISCREPANCY ARCHITECTS DRGS. SHALL PREVAIL.
 14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

MATERIAL SPECIFICATIONS

- 1) CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
- 2) HIGH YIELD STRENGTH STEEL CONFIRMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
- 2) MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&IS 8112

LAP LENGTH FOR REINF. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
M-20	48 d	60 d
M-25	41 d	50 d
M-30	38 d	46 d
M-35	34 d	40 d
M-40 AND ABOVE	30 d	36 d

REV.NO.	DATE	REVISION

CLIENT

MGM HOSPITAL

PROJECT TITLE
PROPOSED GIRLS HOSTEL AT PANVEL

DRAWING TITLE :
SCHEDULE OF COLUMN AND FOOTING

DWG NO.
STR-SC-2023-100

SCALE:- N.T.S

DRAWN BY:- BHARAT

DESIGNED BY:- MANOJ SIR

CHECKED BY:- BAHUBALI SIR

DATE:- 05/05/2023

ARCHITECTS:

DISHAA

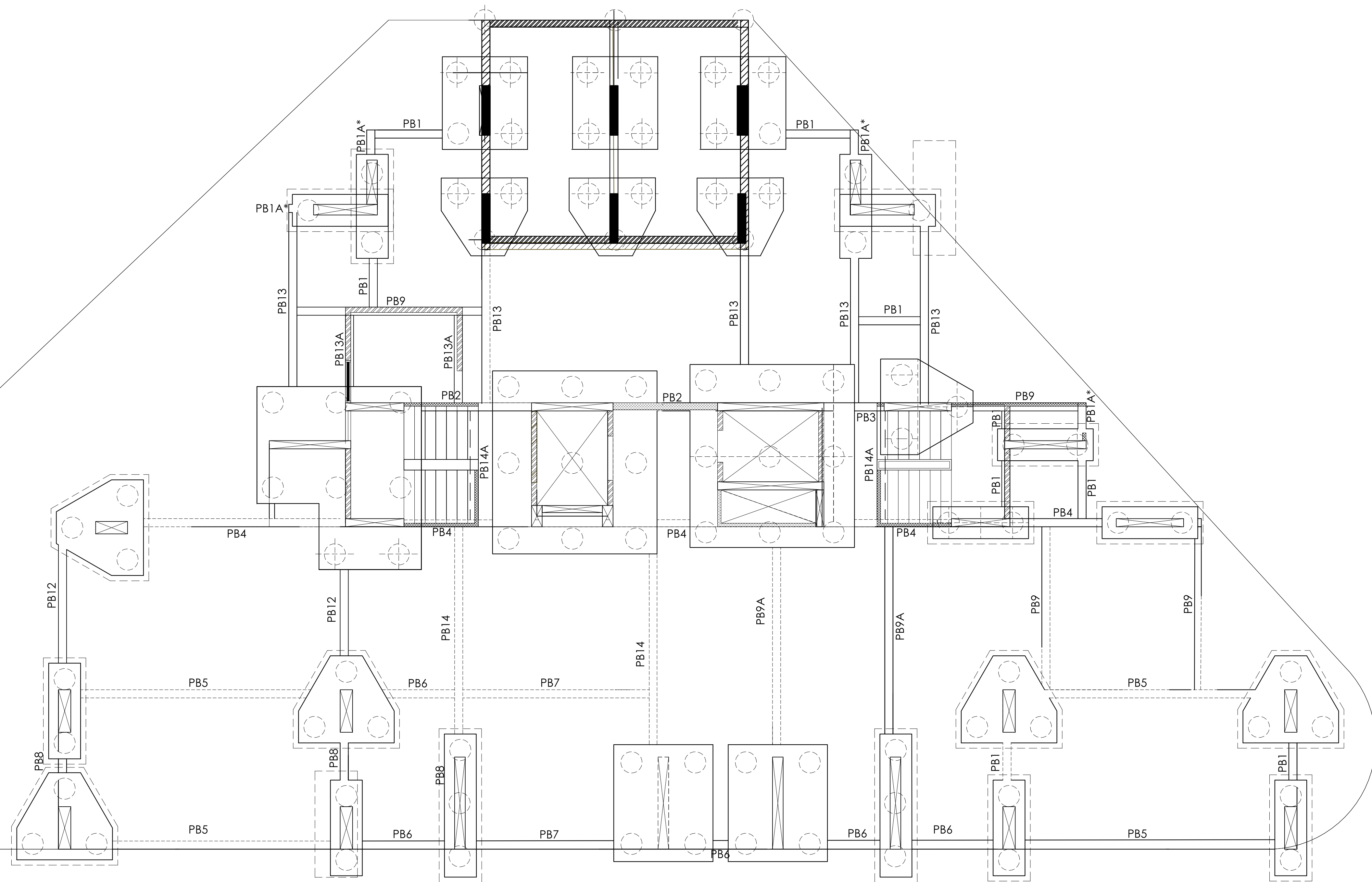
STRUCTURAL CONSULTANT:

SC SHRAVANI CONSULTANTS
CONSULTING ENGINEERS
F-7, NEIGHBOURHOOD SHOPPING
COMPLEX SECT-4 NERUL
NAVI MUMBAI

DRAWING RELEASED FOR:

- APPROVAL
- FOR INFORMATION ONLY
- ADVANCE COPY
- CONSTRUCTION

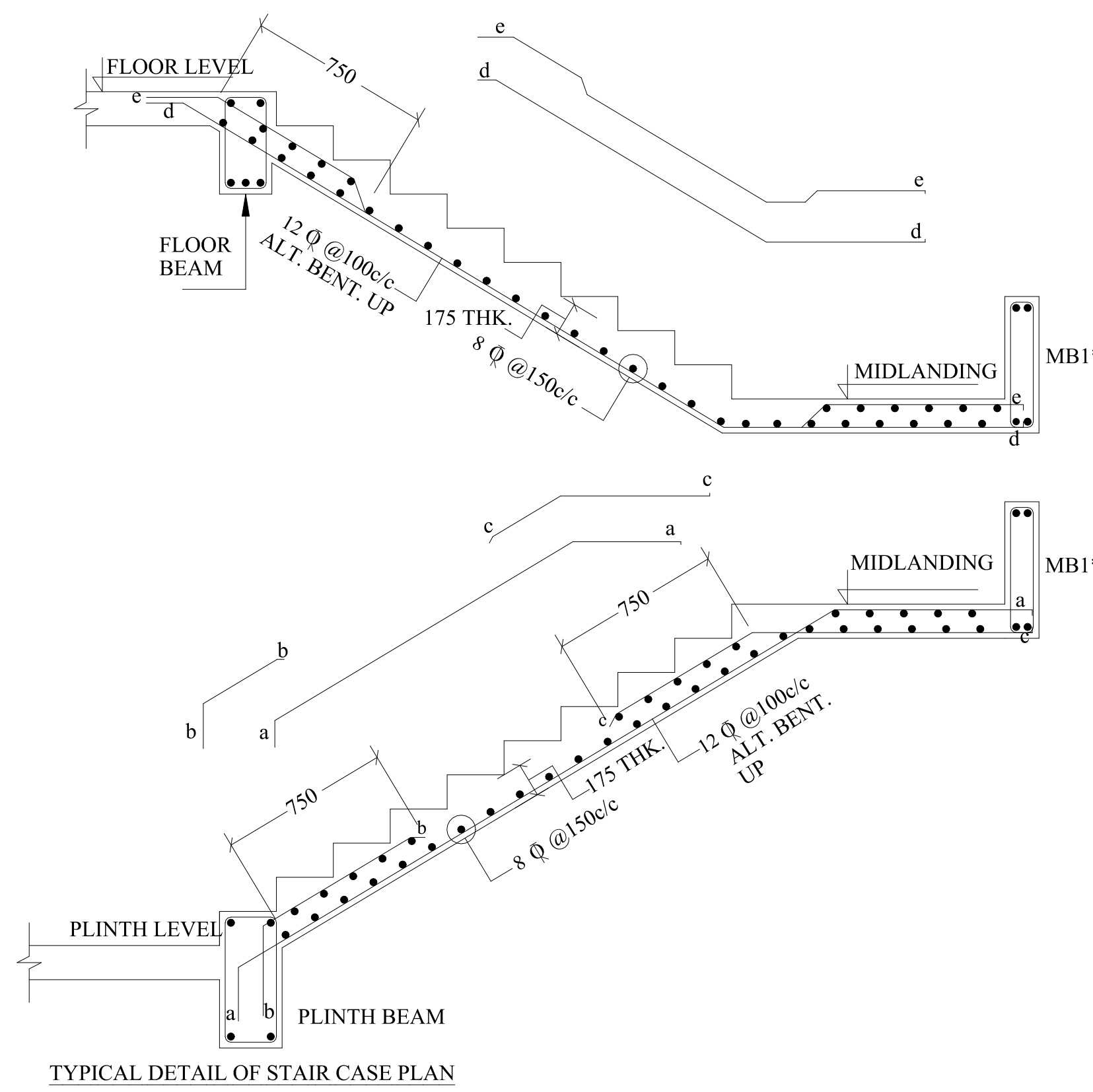
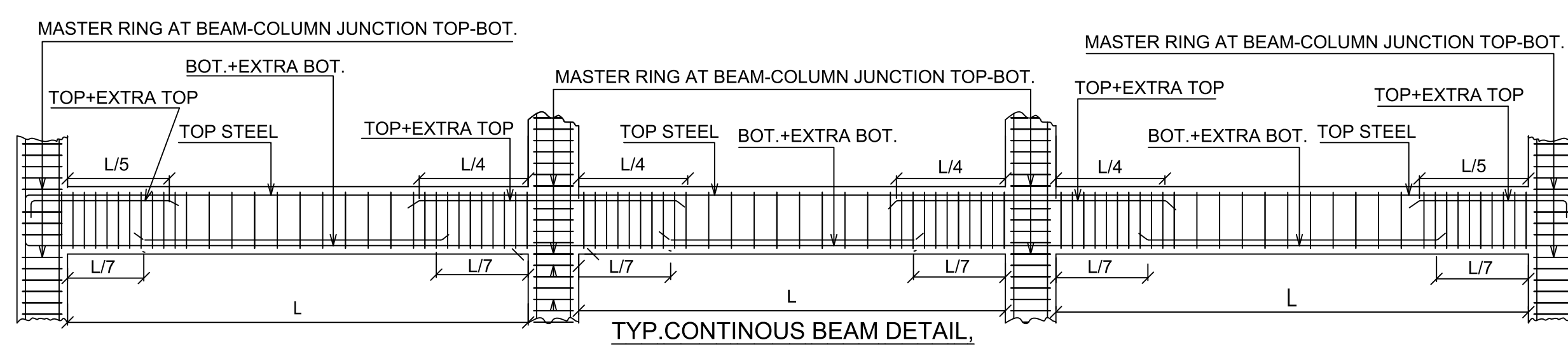
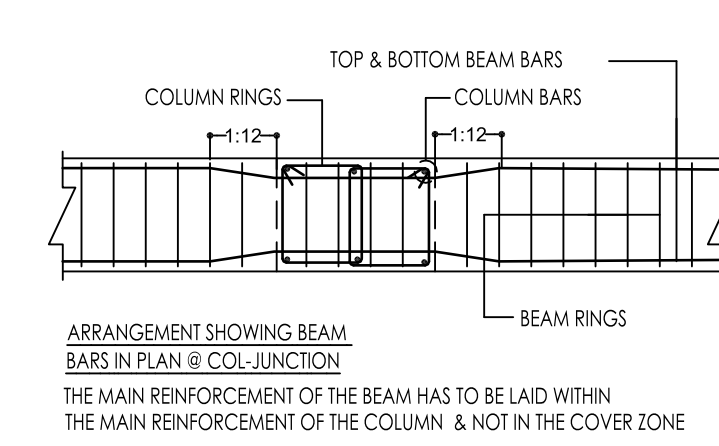
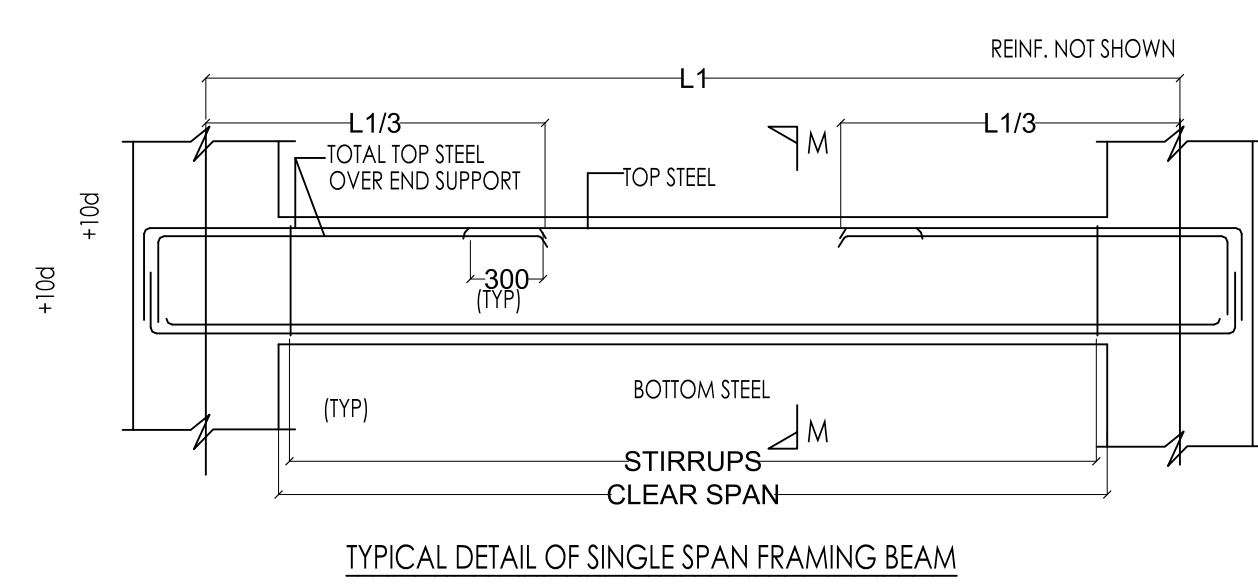
ARCHITECT'S SIGN OWNER'S SIGN

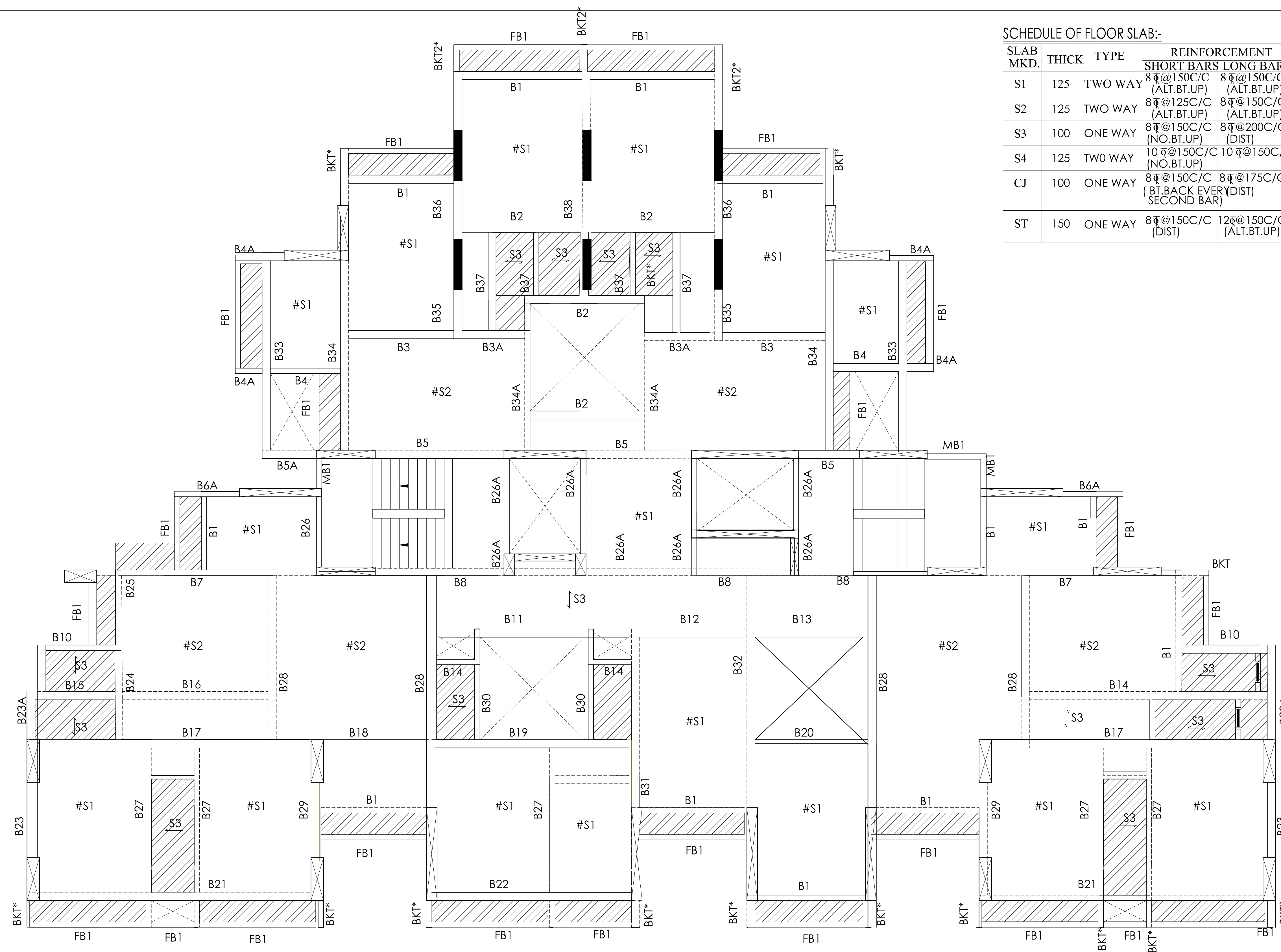


SCHEDULE OF FLOOR BEAMS:-

BEAM MKD.	BEAM SIZE DXB	BOTTOM STEEL STRGT, CURTAIL	TOP STEEL STRGT, EXTRA OVER, NEAR REST OF SUPPORT	STIRRUPS	REMARK
PB1	500X230	2 ϕ 16	2 ϕ 12	8ϕ@100C/C 8ϕ@150C/C	
PB1A* 4	500X230	2 ϕ 16	3 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	CANTILEVER
PB2	600X230	2 ϕ 16	3 ϕ 16	8ϕ@100C/C 8ϕ@200C/C	
PB3	600X230	2 ϕ 16	4 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	
PB5	600X230	3 ϕ 16	3 ϕ 16	8ϕ@150C/C 8ϕ@200C/C	
PB6	500X230	2 ϕ 16	2 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	
PB7, 8, 10, 11	500X230	2 ϕ 16	3 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	
PB9, 13A	500X230	2 ϕ 16	2 ϕ 16	8ϕ@150C/C 8ϕ@200C/C	
PB12	500X230	2 ϕ 16	2 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	
PB13	600X230	4 ϕ 16	4 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	
PB14A	450X230	3 ϕ 16	2 ϕ 16	8ϕ@150C/C 8ϕ@150C/C	

PILE CAP LAYOT PLAN





TYPICAL FLOOR PLAN

SCHEDULE OF FLOOR SLAB:-

SLAB MKD.	THICK	TYPE	REINFORCEMENT	REMARK
S1	125	TWO WAY	8@150C/C (ALT.BT.UP) 8@150C/C (ALT.BT.UP)	
S2	125	TWO WAY	8@125C/C (ALT.BT.UP) 8@150C/C (ALT.BT.UP)	
S3	100	ONE WAY	8@150C/C (NO.BT.UP) 10@150C/C (NO.BT.UP)	
S4	125	TWO WAY	8@150C/C (ALT.BT.UP) 8@200C/C (ALT.BT.UP)	
CJ	100	ONE WAY	8@150C/C (NO.BT.UP) 8@175C/C (BT BACK EVER SECOND BAR)	CHAJJA SLAB
ST	150	ONE WAY	8@150C/C (DIST) 12@150C/C (ALT.BT.UP)	STAIR CASE SLAB

SCHEDULE OF FLOOR BEAMS:-

BEAM MKD.	BEAM SIZE DXB	BOTTOM STEEL		TOP STEEL		STIRRUPS		REMARK
		STRGT.	CURTAILSTRGT.	EXTRA OVER	NEAR SUPPORT	REST OF SUPPORT		
B1,12,13	600X230	2 ϕ 16		2 ϕ 12		8@100C/C	8@200C/C	
B2	600X230	2 ϕ 16	2 ϕ 12	2 ϕ 12		8@100C/C	8@200C/C	
B3	600X230	2 ϕ 16		4 ϕ 16		8@150C/C	8@150C/C	
B3A	600X230	2 ϕ 16		4 ϕ 16		8@150C/C	8@150C/C	CANTILEVER
B4,4A	600X230	3 ϕ 12		2 ϕ 16		8@150C/C	8@200C/C	
B5,5A	600X230	4 ϕ 20		4 ϕ 20		8@150C/C	8@150C/C	
MB1	600X150	2 ϕ 16		2 ϕ 16		8@150C/C	8@200C/C	AT MID LANDING
B6A	600X230	2 ϕ 16		3 ϕ 16		8@150C/C	8@150C/C	CANTILEVER
B7	600X230	2 ϕ 16	2 ϕ 16	2 ϕ 16	2 ϕ 16	8@150C/C	8@200C/C	
B8,9	600X230	4 ϕ 20		4 ϕ 20		8@150C/C	8@150C/C	
B10	600X230	2 ϕ 16 1 ϕ 12		3 ϕ 16		8@150C/C	8@200C/C	*CANTILEVER
B11	600X150	2 ϕ 16 1 ϕ 12	1 ϕ 12	3 ϕ 12		8@150C/C	8@200C/C	
B12,13	600X230	3 ϕ 12		2 ϕ 16+		8@100C/C	8@100C/C	
B13A*	600X230	3 ϕ 16		2 ϕ 16+ 2 ϕ 16		8@100C/C	8@200C/C	TOP BARS FROM
B14,18,20	600X230	2 ϕ 16 1 ϕ 12		3 ϕ 12		8@100C/C	8@100C/C	
B15	600X230	2 ϕ 16 1 ϕ 12	2 ϕ 16	2 ϕ 16 1 ϕ 12		8@160C/C	8@160C/C	BEAM TOP AT SUNK CALL.
B16,34	600X230	2 ϕ 16 1 ϕ 12	2 ϕ 16	2 ϕ 16 1 ϕ 12		8@150C/C	8@150C/C	
B17	600X230	3 ϕ 12	3 ϕ 20	3 ϕ 20		8@100C/C	8@150C/C	
B19,38	600X230	2 ϕ 16	2 ϕ 16	2 ϕ 16		8@100C/C	8@100C/C	
B21	600X230	3 ϕ 16	2 ϕ 16	2 ϕ 16	2 ϕ 16	8@100C/C	8@100C/C	EXTRA AT END SUPPORT
B22	600X230	2 ϕ 16	2 ϕ 16	2 ϕ 16		8@150C/C	8@150C/C	
B23,23A	600X230	2 ϕ 16		4 ϕ 20		8@150C/C	8@150C/C	*CANTILEVER
B24,25	600X230	2 ϕ 16		3 ϕ 16		8@150C/C	8@150C/C	
B27	600X230	3 ϕ 16		2 ϕ 16		8@100C/C	8@100C/C	
B28,31	600X300	3 ϕ 20	3 ϕ 20	3 ϕ 20		10 @100C/C	8@100C/C	
B29	600X230	3 ϕ 16		3 ϕ 16		8@100C/C	8@200C/C	
B26A,37	450X150	3 ϕ 12		2 ϕ 12		8@150C/C	8@200C/C	
B30	600X150	4 ϕ 12		2 ϕ 12		8@100C/C	8@200C/C	
B26	600X150	2 ϕ 16		2 ϕ 16		8 @150C/C	8 @150C/C	
B32,35,36	600X230	2 ϕ 20		4 ϕ 20		8@100C/C	8@100C/C	*CANTILEVER
BKT*	600X150	2 ϕ 12		3 ϕ 12		8@150C/C	8@150C/C	*CANTILEVER
BKT1*	600X230	2 ϕ 12		2 ϕ 16 1 ϕ 12		8@150C/C	8@150C/C	*CANTILEVER
BKT1*	600X230	2 ϕ 20		4 ϕ 20		8@150C/C	8@150C/C	*CANTILEVER
FB1	300X150	3 ϕ 12		2 ϕ 10		8@200C/C	8@200C/C	BEAM TOP AT 300 SUNK LVL.
MB1	600X230	2 ϕ 16+ 1 ϕ 12		3 ϕ 12		8@150C/C	8@150C/C	

GENERAL NOTES -

NOTES & REFERENCES

- READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
- ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
- DO NOT SCALE ANY DIMENSION.
- CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
- FOR RCC, WORK CONCRETE MIX USE FOR COLUMN & REST M-25 DESIGN MIX CONFORMING TO IS 456 : 2007.
- THE REINFORCEMENT SHALL BE COLD TWISTED DEFORMED BARS (C.T.D) OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS. 1786 - 2006.
- THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
 - (a) FOUNDATION : 50MM surfaces in contact with earth
 - (b) COLUMN : 40MM
 - (c) BEAMS (top & bottom) : 30MM (side cover) : 25MM
 - (d) SLABS : 20MM
 - (e) CHAJJAS/CANOPY : 20MM
 - (f) R.C.C. WALL : 25MM
- NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
- NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
- ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
- ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN
- REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS-456. SPACER BAR
- ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECTS DRGS. & IN CASE OF ANY DISCREPANCY ARCHITECTS DRGS. SHALL PREVAIL.
- ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.

MATERIAL SPECIFICATIONS

- CONCRETE MIX SHOULD BE M40 UNLESS OTHERWISE STATED
- HIGH YIELD STRENGTH STEEL CONFIRMING TO IS 11390 IS 1786 FE 415 SHALL BE USED.
- MINIMUM/ MAXIMUM CEMENT CONTENT AND WATER CEMENT RATIO SHALL BE AS PER IS 269&IS 8112

LAP LENGTH FOR REINF. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL
M 20	48 d	60 d
M 25	41 d	50 d
M 30	38 d	46 d
M 35	34 d	40 d
M 40 AND ABOVE	30 d	36 d

REV.NO. DATE REVISION

CLIENT

MGM HOSPITAL

PROJECT TITLE

PROPOSED GIRLS HOSTEL AT PANVEL

DRAWING TITLE : SCHEDULE OF COLUMN AND FOOTING DWG NO. STR-SC-2023-100

SCALE:- N.T.S

DRAWN BY:- BHARAT

DESIGNED BY:- MANOJ SIR

CHECKED BY:- BAHUBALI SIR

DATE:- 05/05/2023

ARCHITECTS: DISHAA

STRUCTURAL CONSULTANT:

SC SHRAVANI CONSULTANTS CONSULTING ENGINEERS F-7, NEIGHBOURHOOD SHOPPING COMPLEX SECT-4 NERUL NAVI MUMBAI

DRAWING RELEASED FOR:

APPROVAL FOR INFORMATION ONLY

ADVANCE COPY CONSTRUCTION

ARCHITECT'S SIGN OWNER'S SIGN

