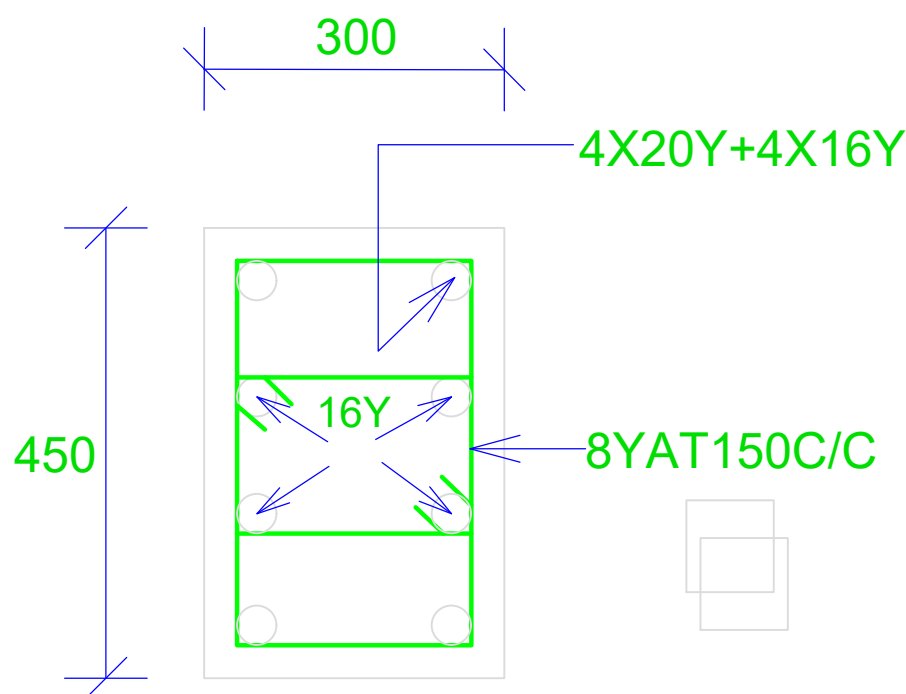
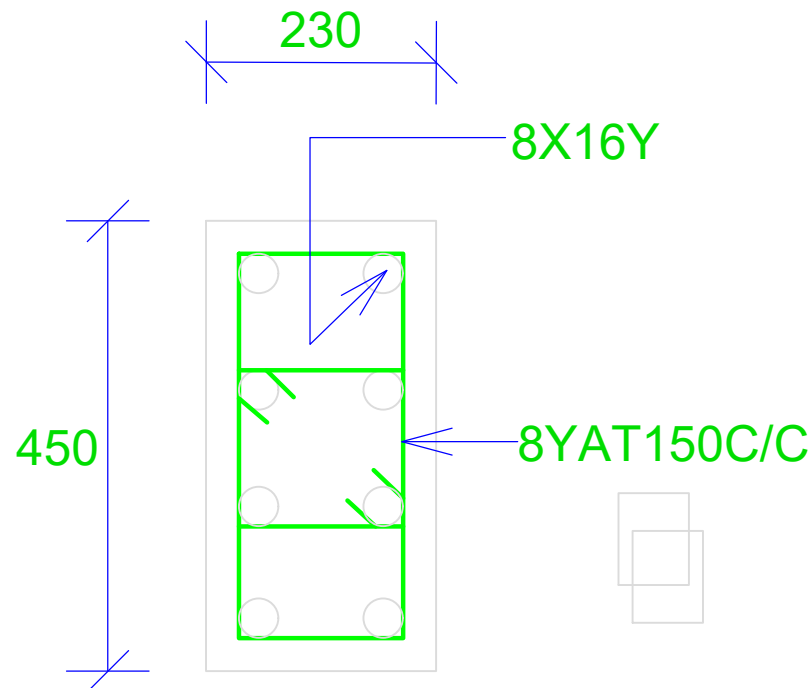


SECOND FLOOR COLUMNS

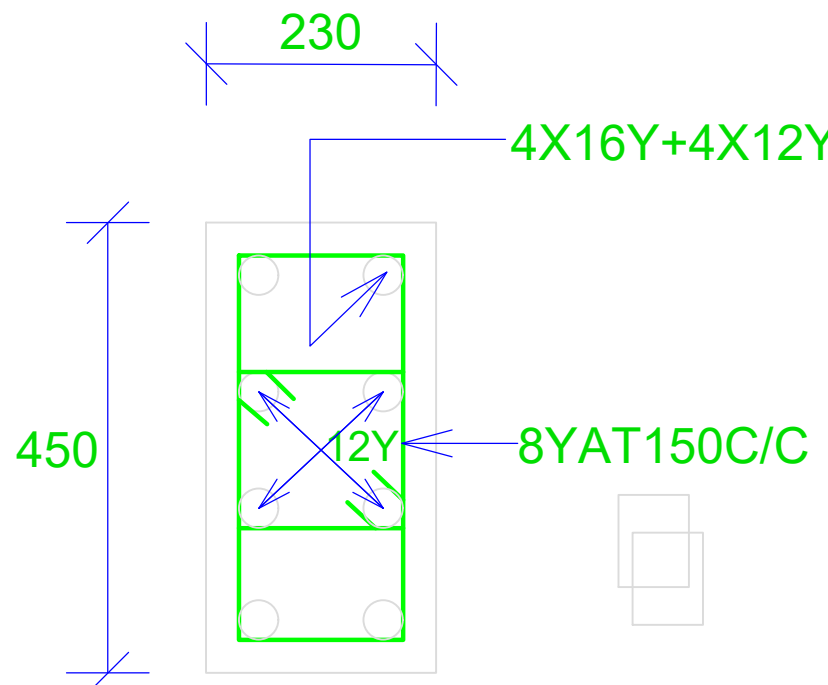
WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION



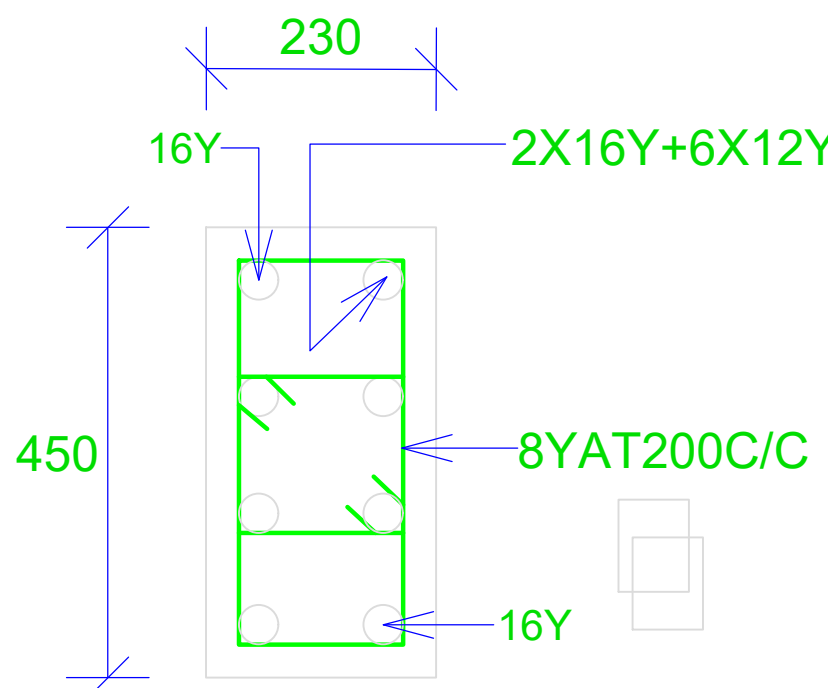
COLUMN C1



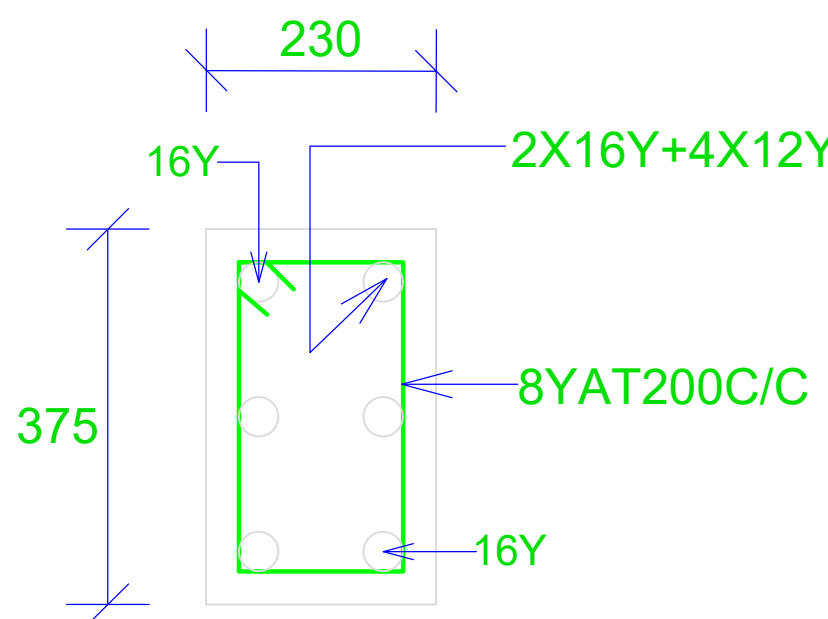
COLUMN C2



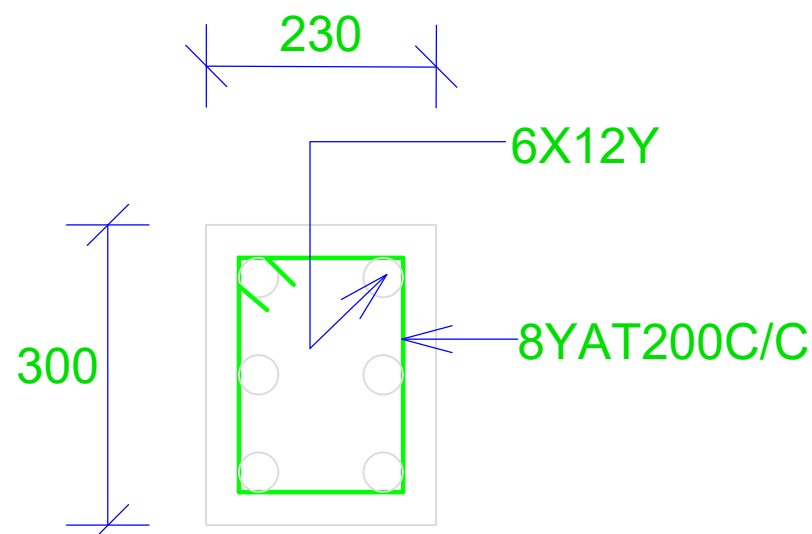
COLUMN C3



COLUMN C4



COLUMN C5



COLUMN C6

PROVIDE 8YAT100C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

- NOTES:
1. CONCRETE MIX SHALL BE 1:1.5:3.
 2. 'Y' DENOTES TOR STEEL.
 3. CLEAR COVER SHALL BE COLUMNS =40.
 4. MINIMUM LAP LENGTH SHALL BE 16Y=800, 12Y=600, 20Y =1000.
 5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
 6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
 7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.
 8. CLIENT HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
 9. ALL DIMENSIONS SHOULD BE CHECKED WITH CONSULTANT DRAWING.
 10. THIS DRAWING SHOULD BE READ WITH CONSULTANT DRAWING.

CONCRETE MIX 1 : 1.5 : 3

FOR COLUMNS LAYOUT DETAILS REFER DWG NO : 2025 / 6550 / SD - 1

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

CLIENT:

Mr.HARIES ABDULLAH..

SCALE : 1:12.

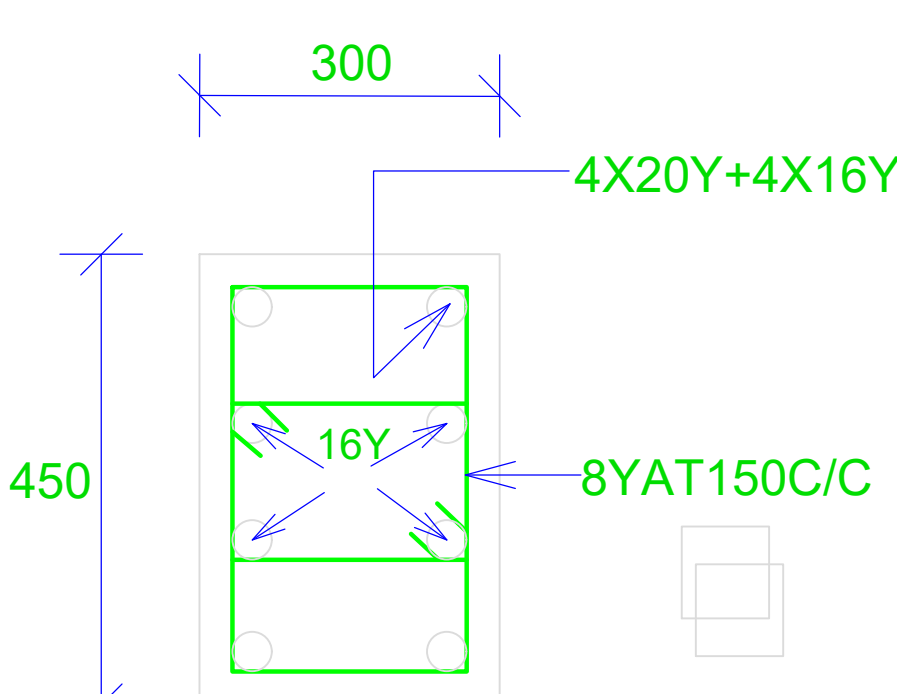
DATE:- 28 - 05 - 2025

SECOND FLOOR COLUMNS DETAILS

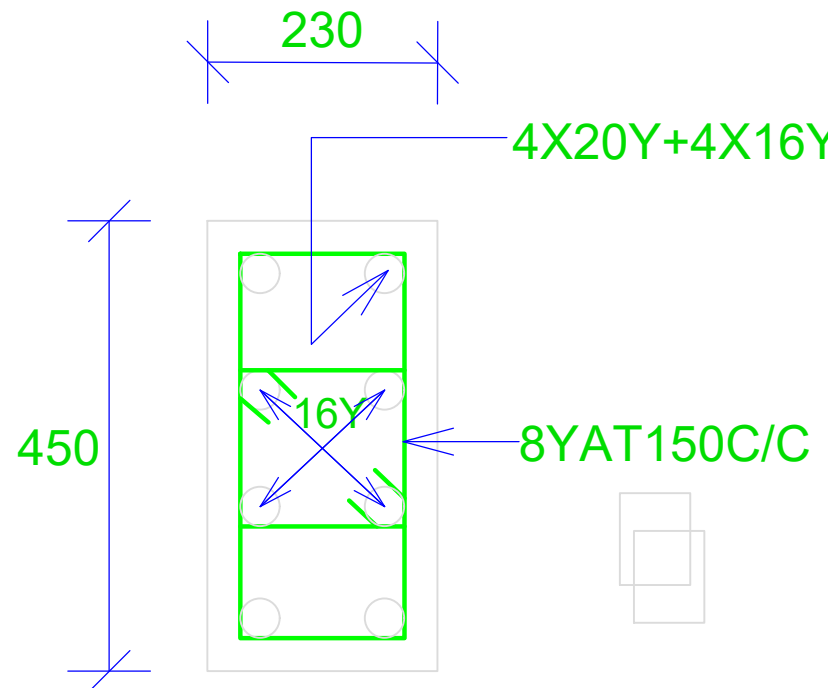
REGISTERED STRUCTURAL ENGINEER :

H. Prasanth
Er.M.PRASANTH.B.E.,
Registered Structural Engineer, Grade-II
Reg.No: SE / GR.II / SVG Dist / 28 / 2021
1/304, Krishna Nagar 5th Street,
T.Pudur, Sivagangal - 630 561.
Cell: 98420 80530

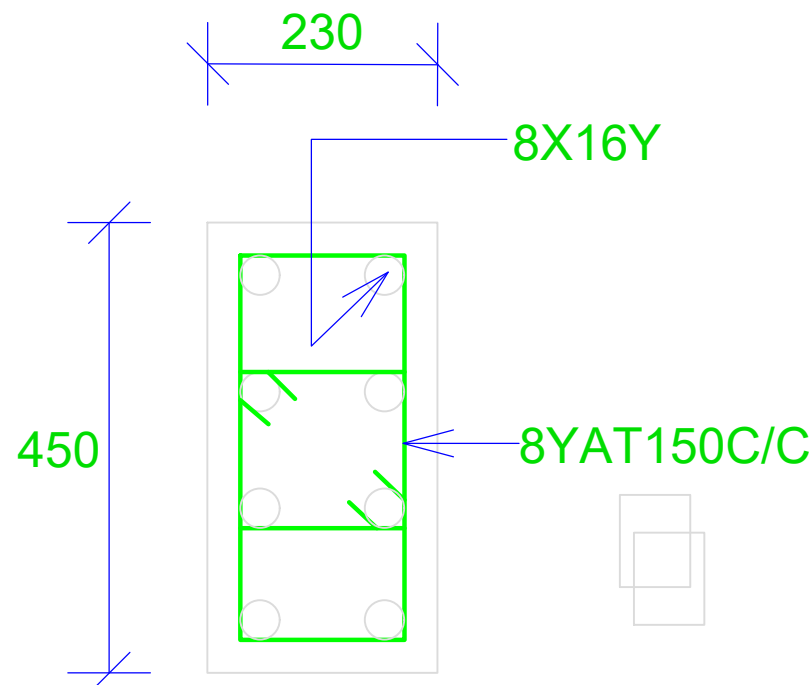
WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION



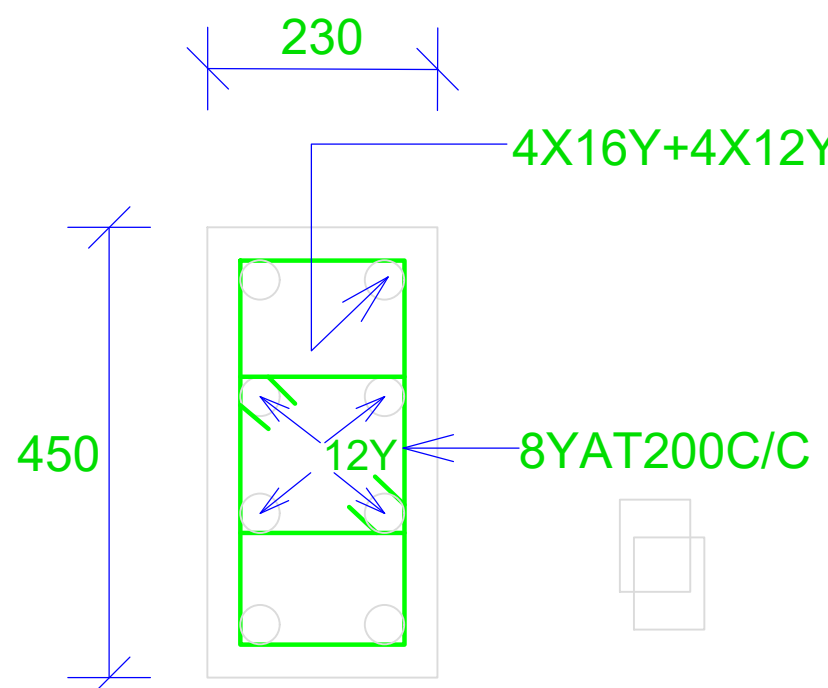
COLUMN C1



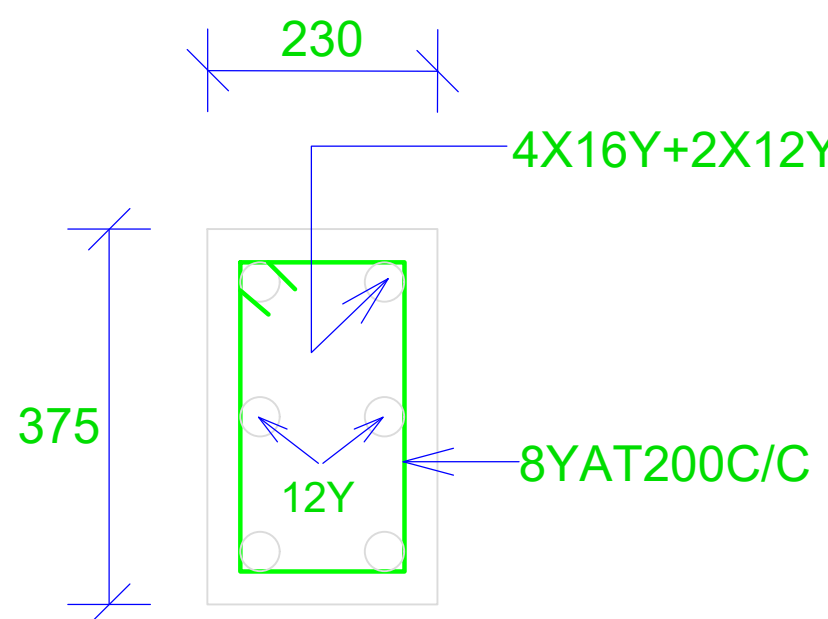
COLUMN C2



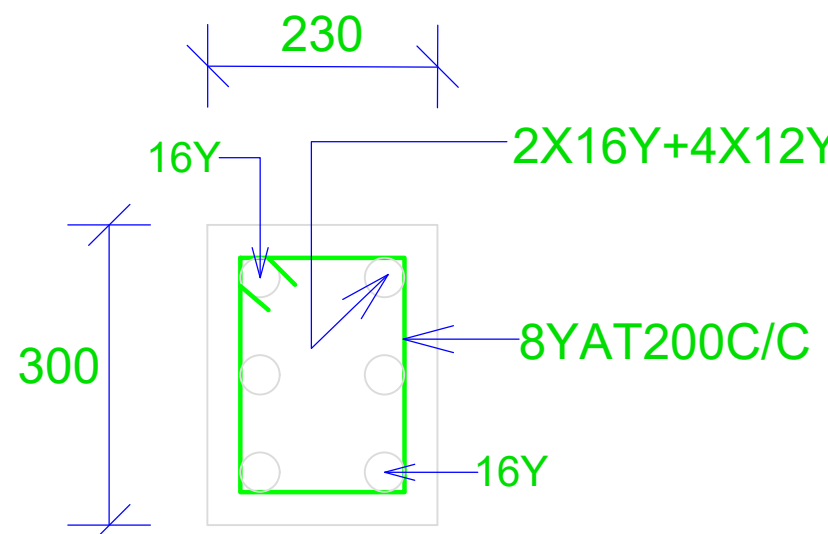
COLUMN C3



COLUMN C4



COLUMN C5



COLUMN C6

PROVIDE 8YAT100C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

- NOTES:
1. CONCRETE MIX SHALL BE 1:1.5:3.
 2. 'Y' DENOTES TOR STEEL.
 3. CLEAR COVER SHALL BE COLUMNS =40.
 4. MINIMUM LAP LENGTH SHALL BE 16Y=800, 12Y=600, 20Y =1000.
 5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
 6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
 7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.
 8. CLIENT HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
 9. ALL DIMENSIONS SHOULD BE CHECKED WITH CONSULTANT DRAWING.
 10. THIS DRAWING SHOULD BE READ WITH CONSULTANT DRAWING.

CONCRETE MIX 1 : 1.5 : 3

FOR COLUMNS LAYOUT DETAILS REFER DWG NO : 2025 / 6550 / SD - 1

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

CLIENT:

Mr.HARIES ABDULLAH..

SCALE : 1:12.

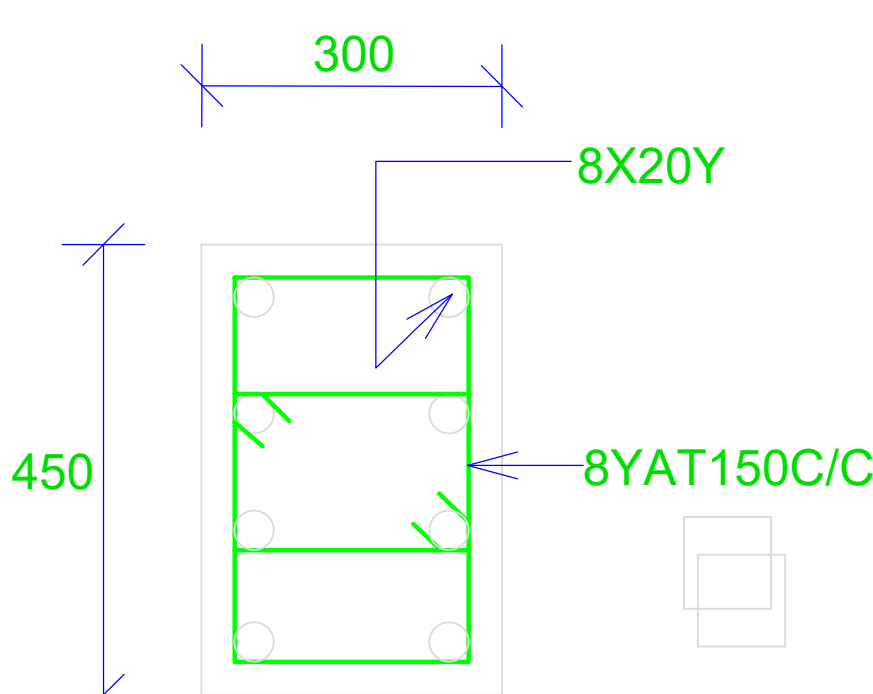
DATE:- 28 - 05 - 2025

FIRST FLOOR COLUMNS DETAILS

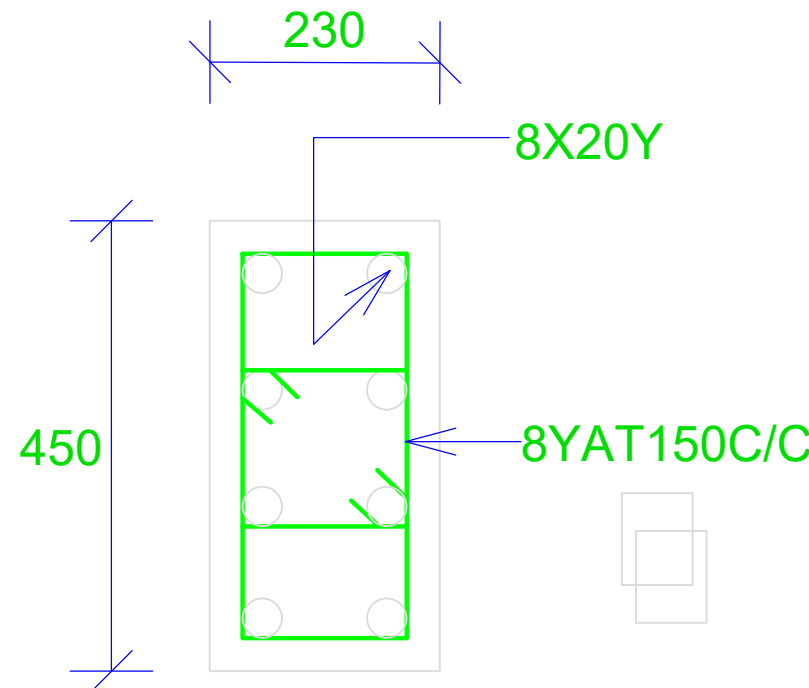
REGISTERED STRUCTURAL ENGINEER :

H. Prasanth
Er.M.PRASANTH.B.E.,
Registered Structural Engineer, Grade-II
Reg.No: SE / GR.II / SVG Dist / 28 / 2021
1/304, Krishna Nagar 5th Street,
T.Pudur, Sivagangal - 630 561.
Cell: 98420 80530

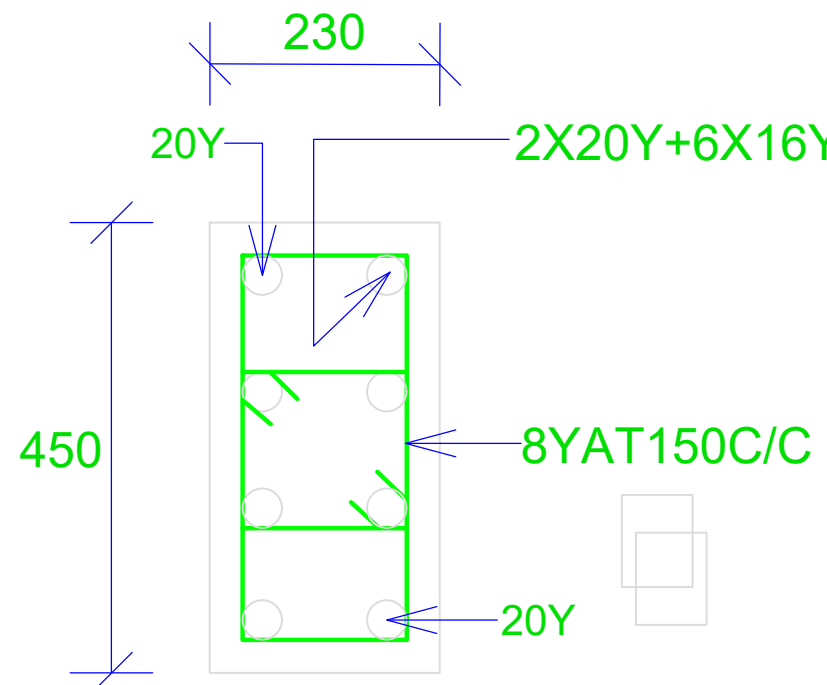
WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION



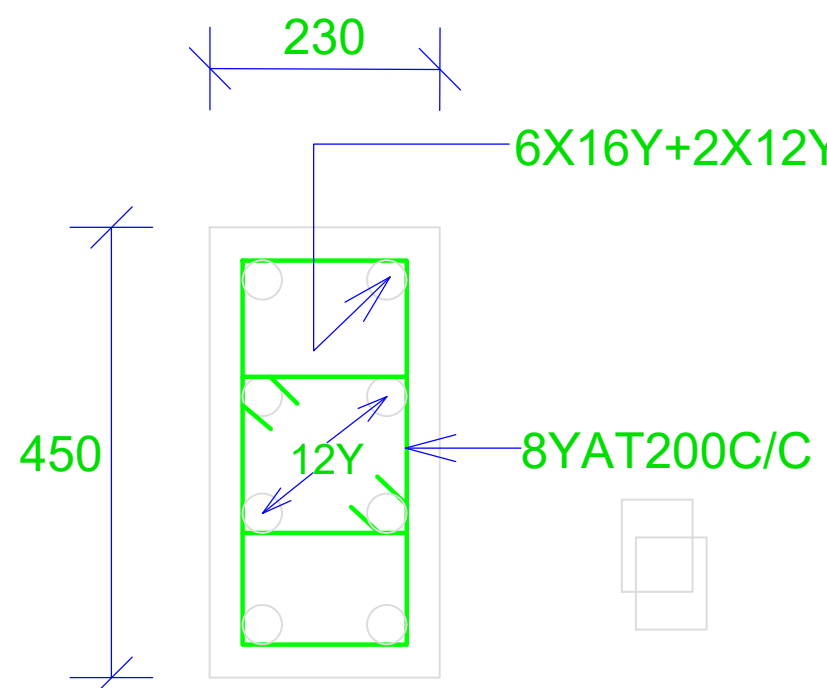
COLUMN C1



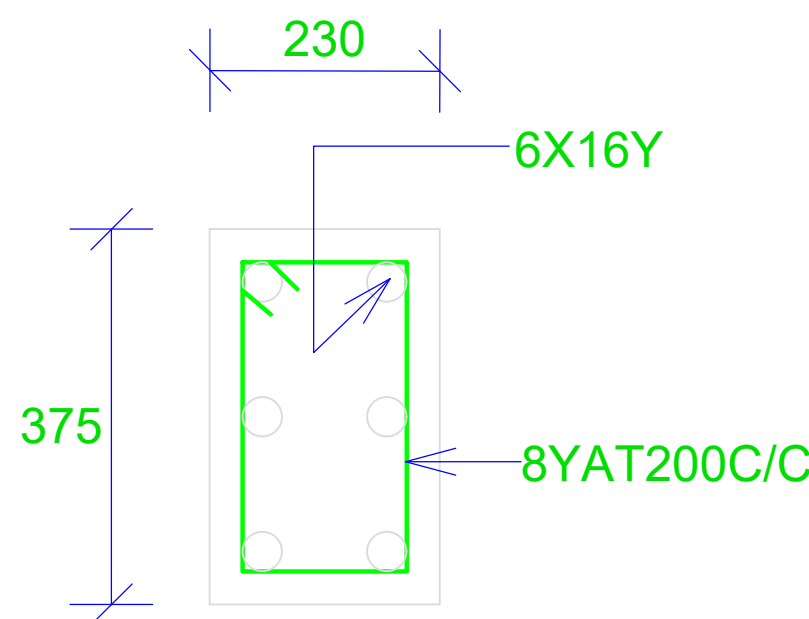
COLUMN C2



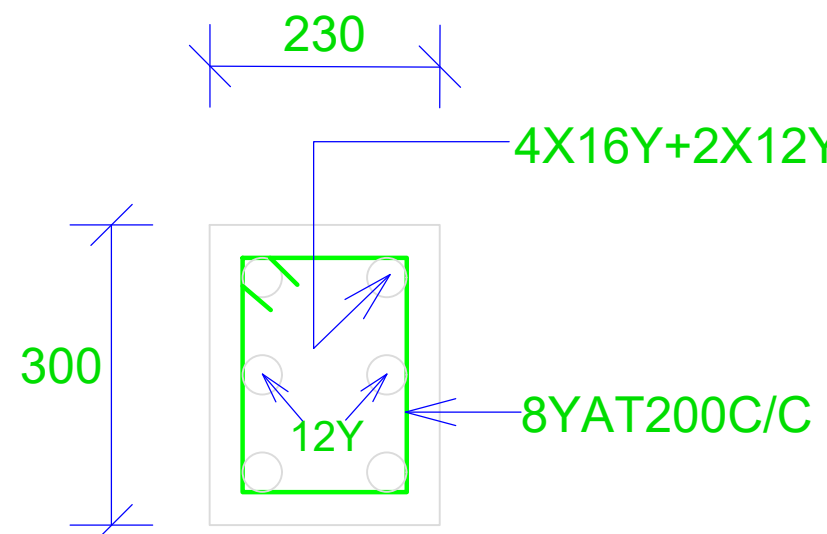
COLUMN C3



COLUMN C4



COLUMN C5



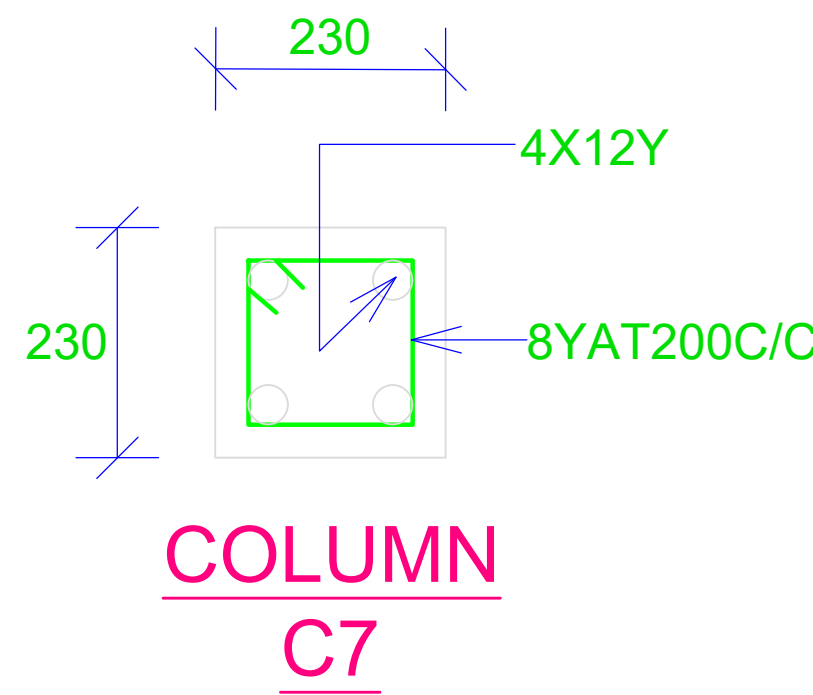
COLUMN C6

PROVIDE 8YAT100C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

- NOTES:
1. CONCRETE MIX SHALL BE 1:1.5:3.
 2. 'Y' DENOTES TOR STEEL.
 3. CLEAR COVER SHALL BE FOOTINGS=50, COLUMNS =40.
 4. MINIMUM LAP LENGTH SHALL BE 16Y=800, 12Y=600, 20Y =1000.
 5. FOUNDATION CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
 6. FOOTING CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
 7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
 8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
 9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.
 10. CLIENT HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
 11. ALL DIMENSIONS SHOULD BE CHECKED WITH CONSULTANT DRAWING.
 12. THIS DRAWING SHOULD BE READ WITH CONSULTANT DRAWING.

ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 25 T/M² - AT 3.0M AS PER SOIL INVESTIGATION REPORT REPORT NO : SSTS / GT / 081124 / 02 - DATE : 08.11.2024
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 2 UPPER FLOORS.



COLUMN C7

CONCRETE MIX 1 : 1.5 : 3

FOR FOOTING & COLUMN LAYOUT & FOOTING SCHEDULE & SECTIONS,F31 REFER DWG NO : 2025 / 6550 / SD - 1

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

CLIENT:

Mr.HARIES ABDULLAH..

SCALE : 1:12.

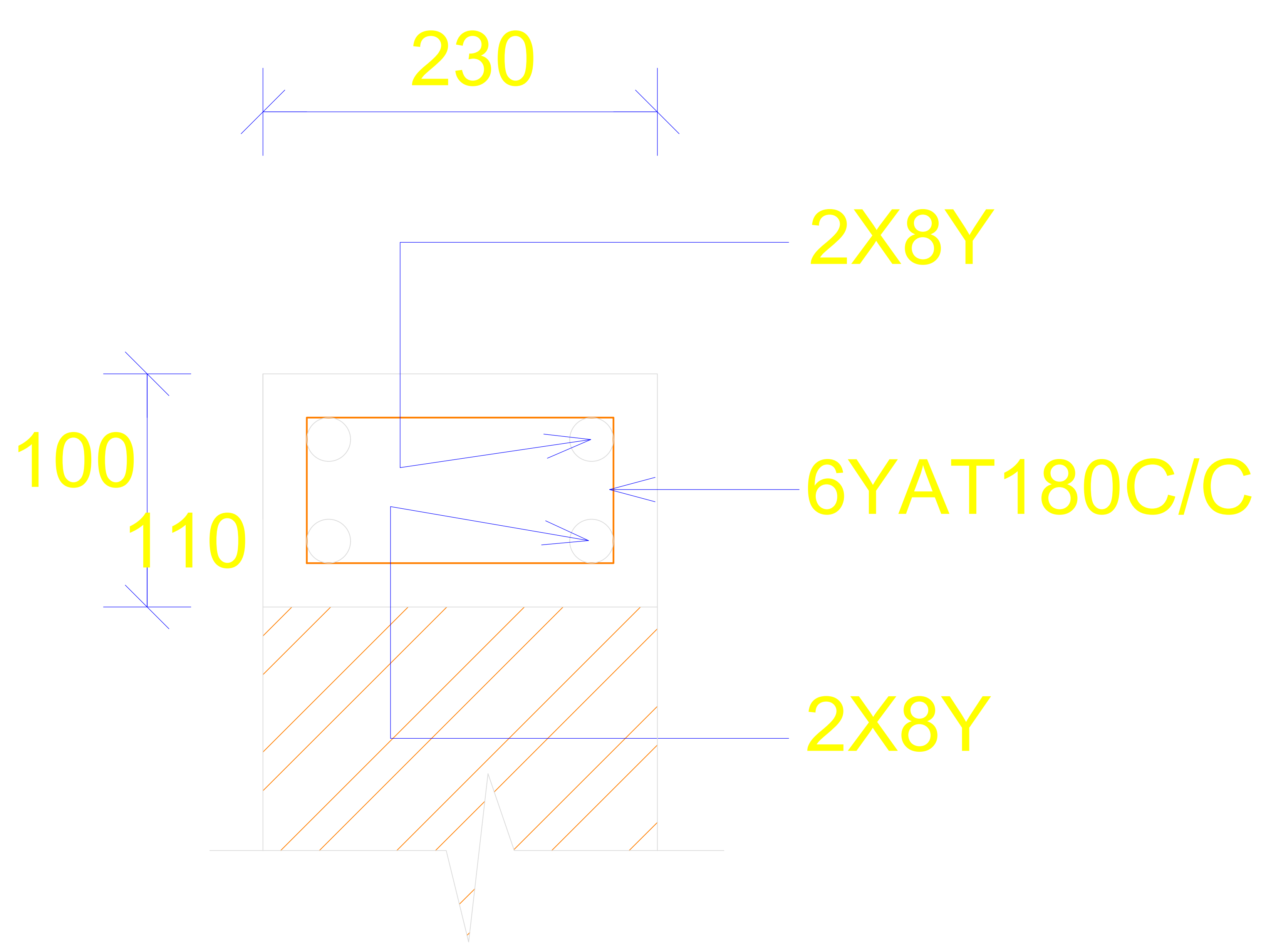
DATE:- 28 - 05 - 2025

FOOTINGS & COLUMNS DETAILS - II GROUND FLOOR COLUMNS DETAILS

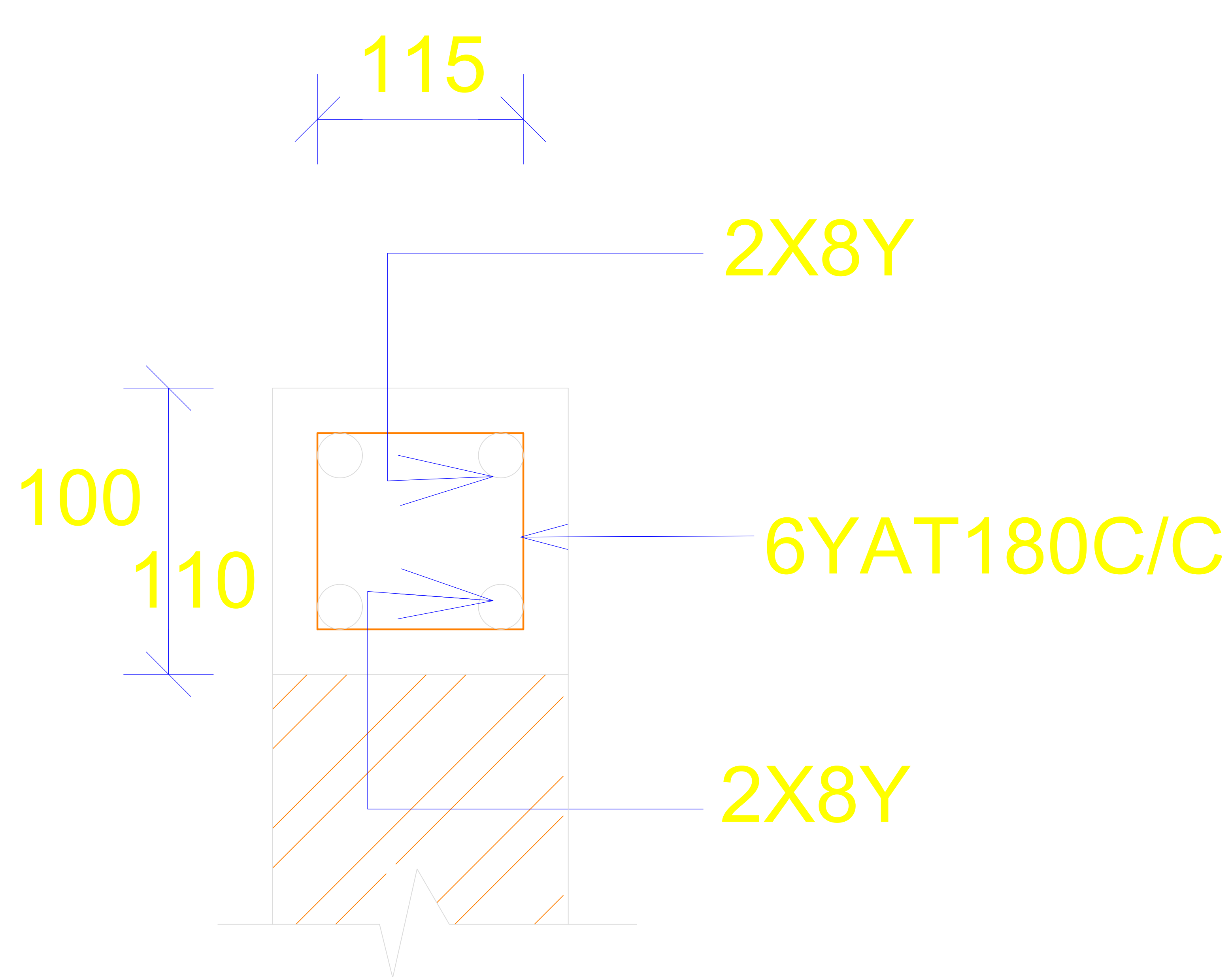
REGISTERED STRUCTURAL ENGINEER :

H. Prasanth
Er.M.PRASANTH.B.E.,
Registered Structural Engineer, Grade-II
Reg.No: SE / GR.II / SVG Dist / 28 / 2021
1/304, Krishna Nagar 5th Street,
T.Pudur, Sivagangal - 630 561.
Cell: 98420 80530

TYPICAL SILL LEVEL BEAM



BELOW WINDOWS
BEAM 230 BEARING
ON EACH SIDE



TYPICAL THRO' SILL BELT
FOR ALL 115 WALL

- NOTES:-
- 1. CONCRETE MIX SHALL BE 1:1.5:3.
 - 2. 'Y' DENOTES TOR STEEL.
 - 3. CLEAR COVER SHALL BE BEAM = 20.
 - 4. MINIMUM LAP LENGTH SHALL BE 8Y=450.
 - 5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
 - 6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN AT THE TIME OF WORK EXECUTION.
 - 7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.
 - 8. THIS BUILDING NOT DESIGNED FOR EARTH QUAKE.
 - 9. CLIENT HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
 - 10. ALL DIMENSIONS SHOULD BE CHECKED WITH CONSULTANT DRAWING.
 - 11. THIS DRAWING SHOULD BE READ WITH CONSULTANT DRAWING.

WATER SHOULD BE TESTED FOR SUITABILITY OF CONSTRUCTION

CONCRETE MIX
1 : 1.5 : 3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

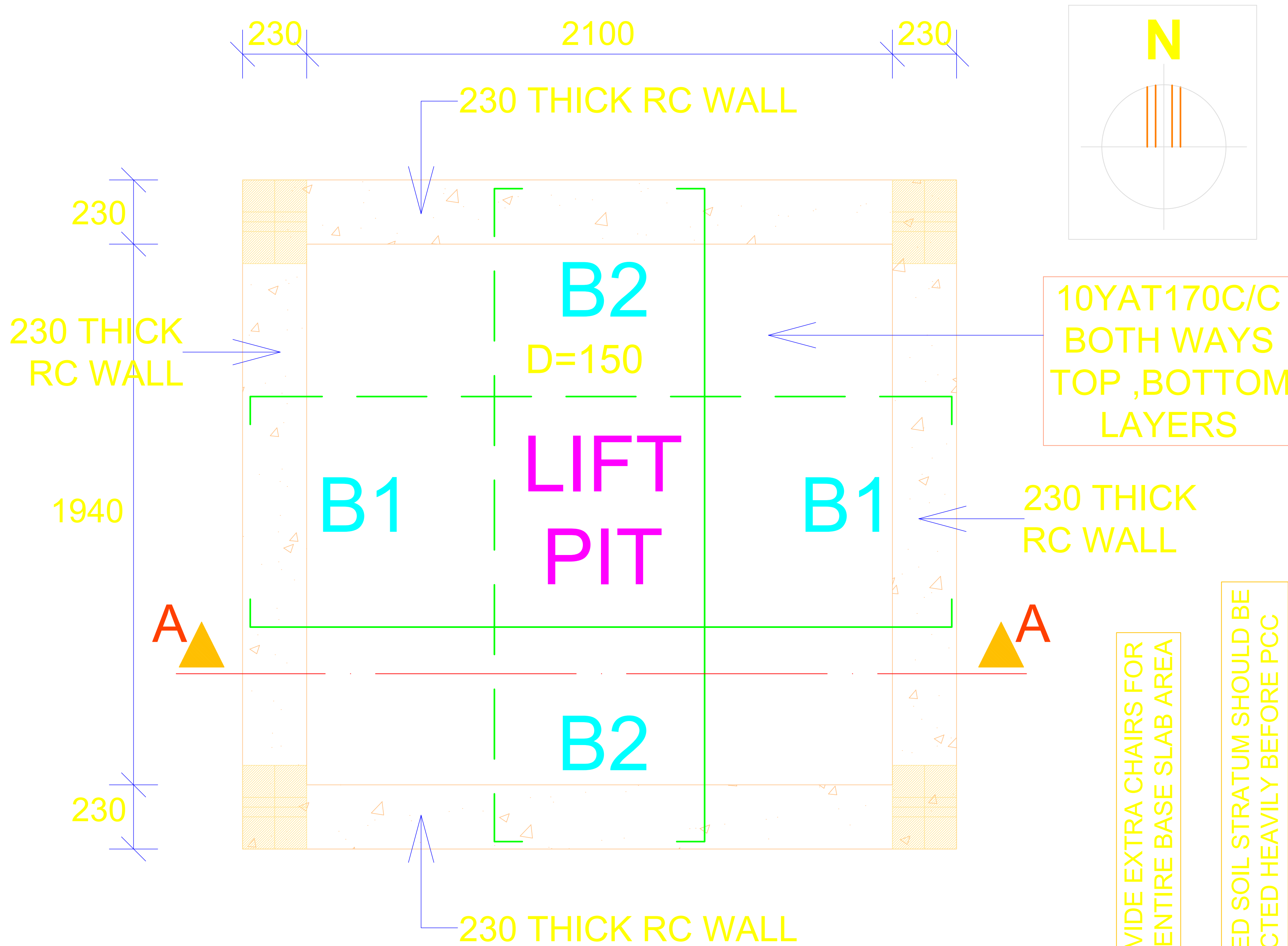
CLIENT:
Mr.HARIES ABDULLAH..

SCALE : 1:12. DATE:- 28 - 05 - 2025

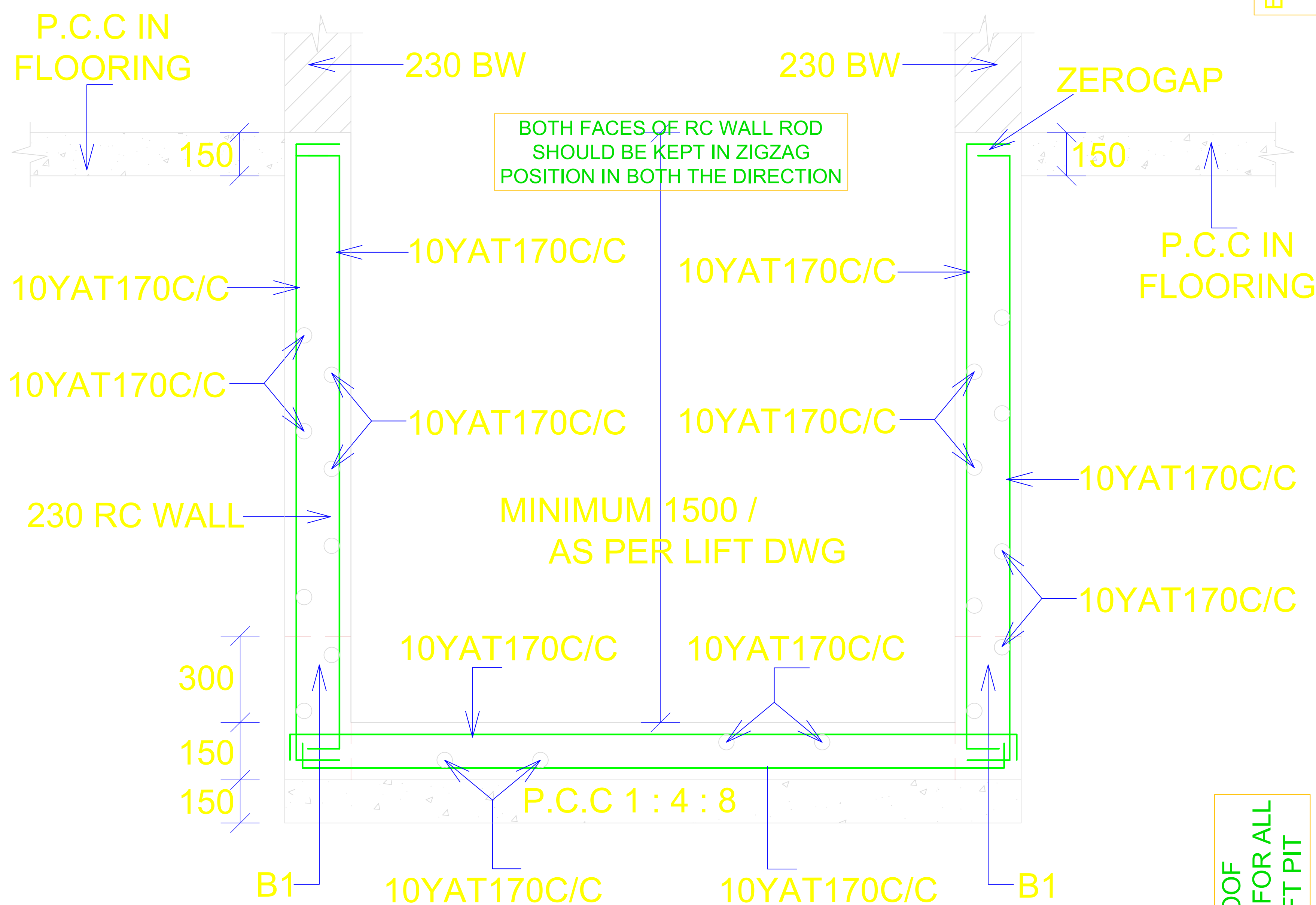
SILL LEVEL BELT R.C DETAILS - G.F,FF,S.F

REGISTERED STRUCTURAL ENGINEER :

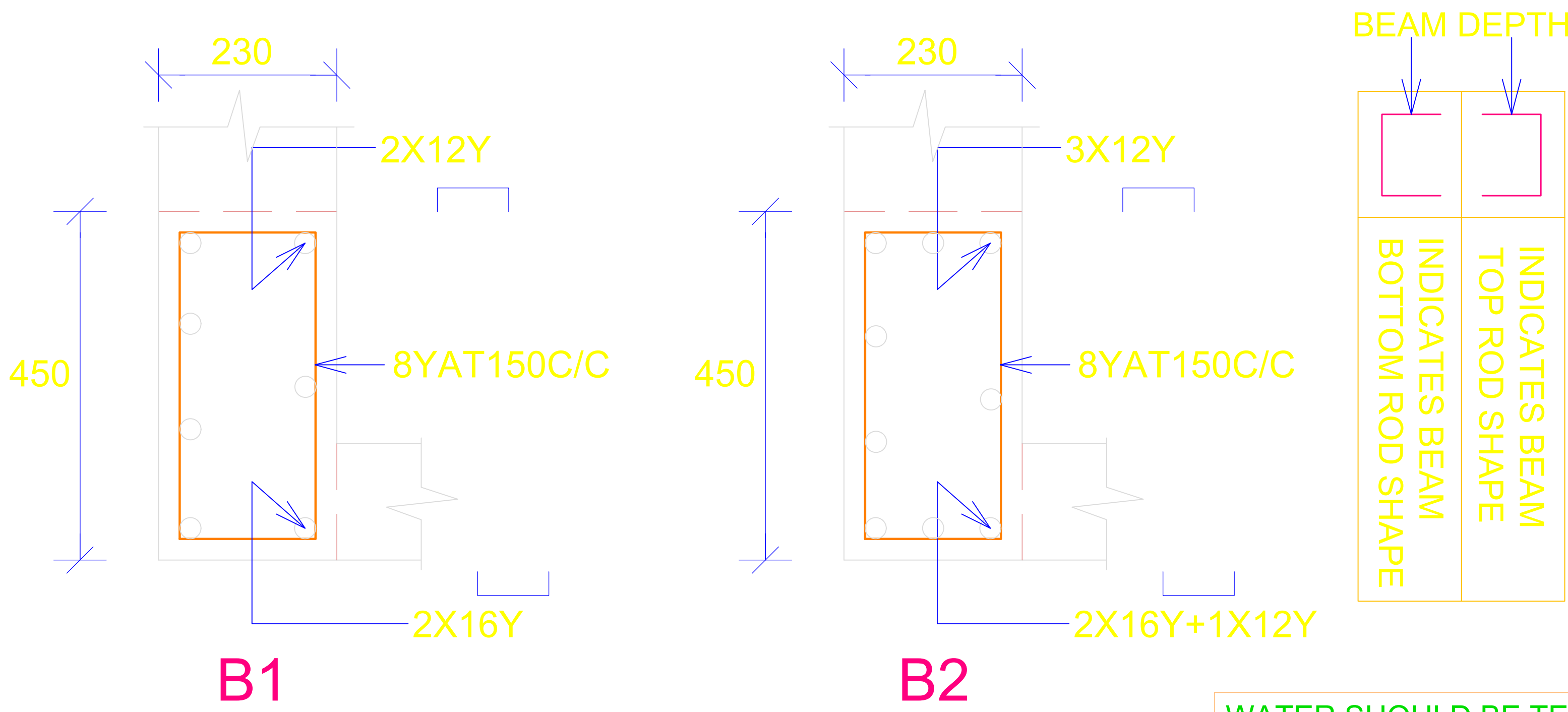
M. Prasanth
Er.M.PRASANTH,B.E.,
Registered Structural Engineer, Grade-II
Reg.No: SE / GR.II / SVG Dist / 28 / 2021
1/304, Krishna Nagar 5th Street,
T.Pudur, Sivagangai - 630 561.
Cell: 98420 80530



LIFT PIT BASE SLAB & RC WALL



SECTION - 'AA'



- NOTES:
1. CONCRETE MIX SHALL BE 1:1.5:3.
 2. 'Y' DENOTES TOR STEEL.
 3. CLEAR COVER SHALL BE BEAM ,R.C.WALL =25, SLAB = 25.
 4. MINIMUM LAP LENGTH SHALL BE 16Y=1000,12Y=750,10Y=600.
 5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
 6. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
 7. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION WITHOUT STRUCTURAL ENGINEER SITE VISIT.
 8. THIS BUILDING NOT DESIGNED FOR EARTH QUAKE.
 9. CLIENT / CONTRACTOR HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
 10. ALL DIMENSIONS SHOULD BE CHECKED WITH CONSULTANT DRAWING.
 11. THIS DRAWING SHOULD BE READ WITH CONSULTANT DRAWING.

CONCRETE MIX 1 : 1.5 : 3

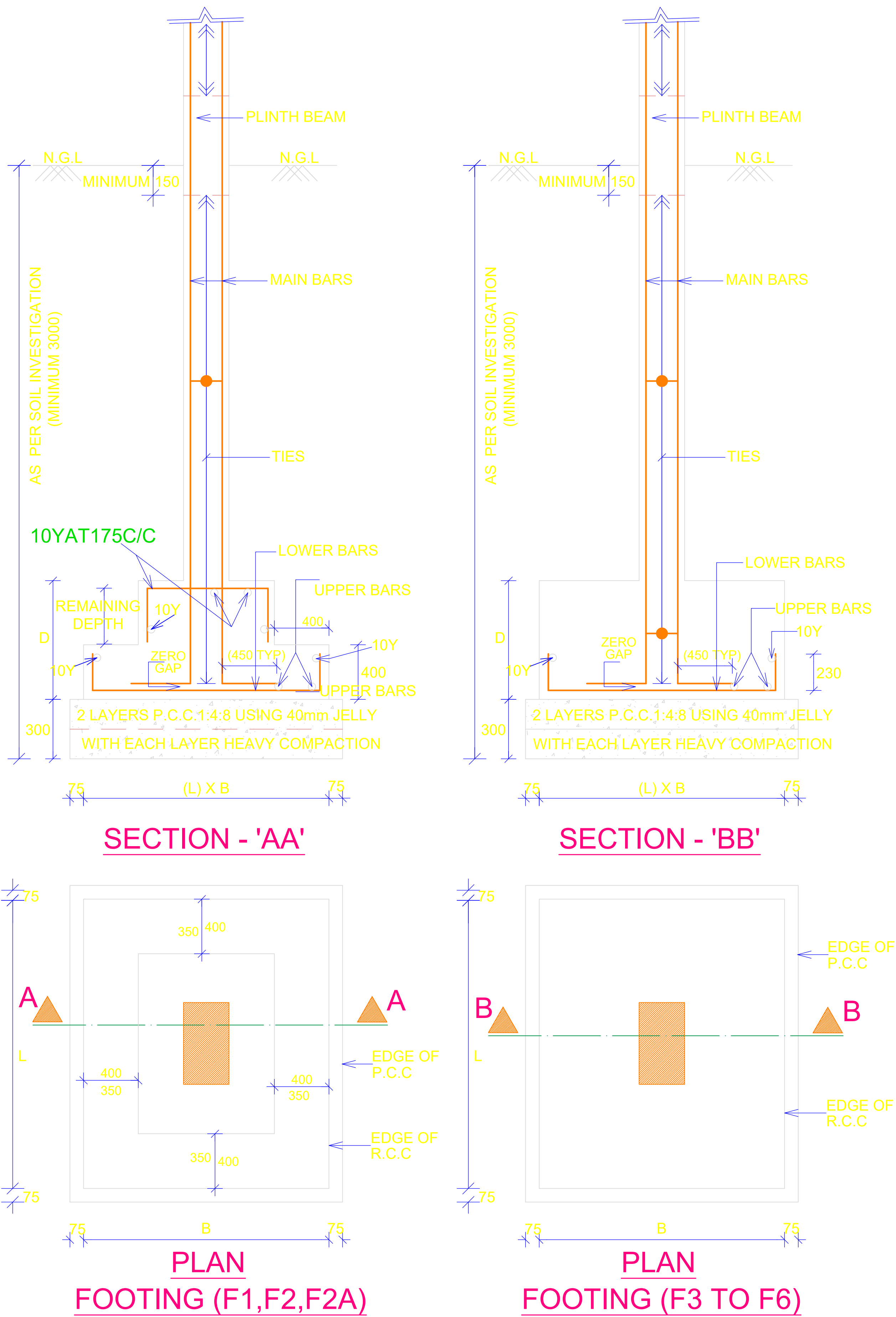
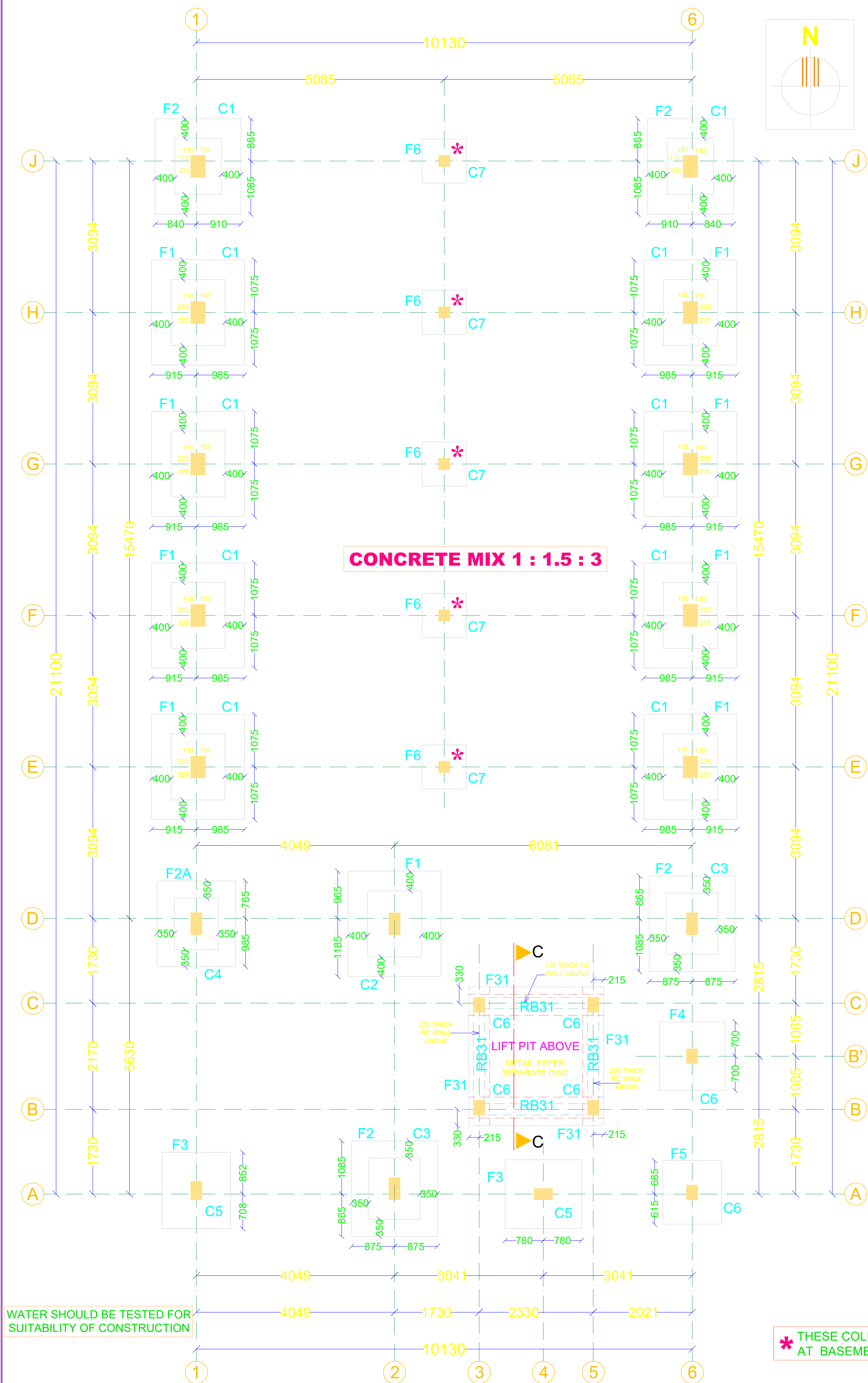
PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

CLIENT:	
Mr.HARIES ABDULLAH..	
SCALE : 1:12, 1:25.	DATE:- 28 - 05 - 2025

LIFT PIT RC DETAILS

REGISTERED STRUCTURAL ENGINEER :

H. Prasanth
Er.M.PRASANTH,B.E.,
Registered Structural Engineer, Grade-II
Reg.No: SE / GR.II / SVG Dist / 28 / 2021
1/304, Krishna Nagar 5th Street,
T.Pudur, Sivagangai - 630 561.
Cell: 98420 80530



PEST CONTROL TREATMENT SHOULD BE DONE FOR ALL REQUIRED STAGES

EXCAVATED SOIL STRATUM SHOULD BE HEAVILY COMPACTED BEFORE P.C.C

FGL - FORMED GROUND LEVEL
NGL - NATURAL GROUND LEVEL

UPTO BASEMENT LEVEL
FLYASH BRICKS SHALL BE USED

* THESE COLUMNS ARE TERMINATED AT BASEMENT LEVEL.

EXCAVATED CLAY SOIL SHOULD NOT BE USED FOR RE-FILLING

PROVIDE 8YAT100C/C TIES AT COLUMN MAIN BAR LAPPING PORTION

FLOODING OF WATER IN EXCAVATED STRATUM SHOULD BE STRICTLY AVOIDED

OVER EXCAVATION IN FOOTING LENGTH BREATH SHOULD BE STRICTLY AVOIDED

BEAM DEPTH

INDICATES BEAM TOP ROD SHAPE

INDICATES BEAM BOTTOM ROD SHAPE

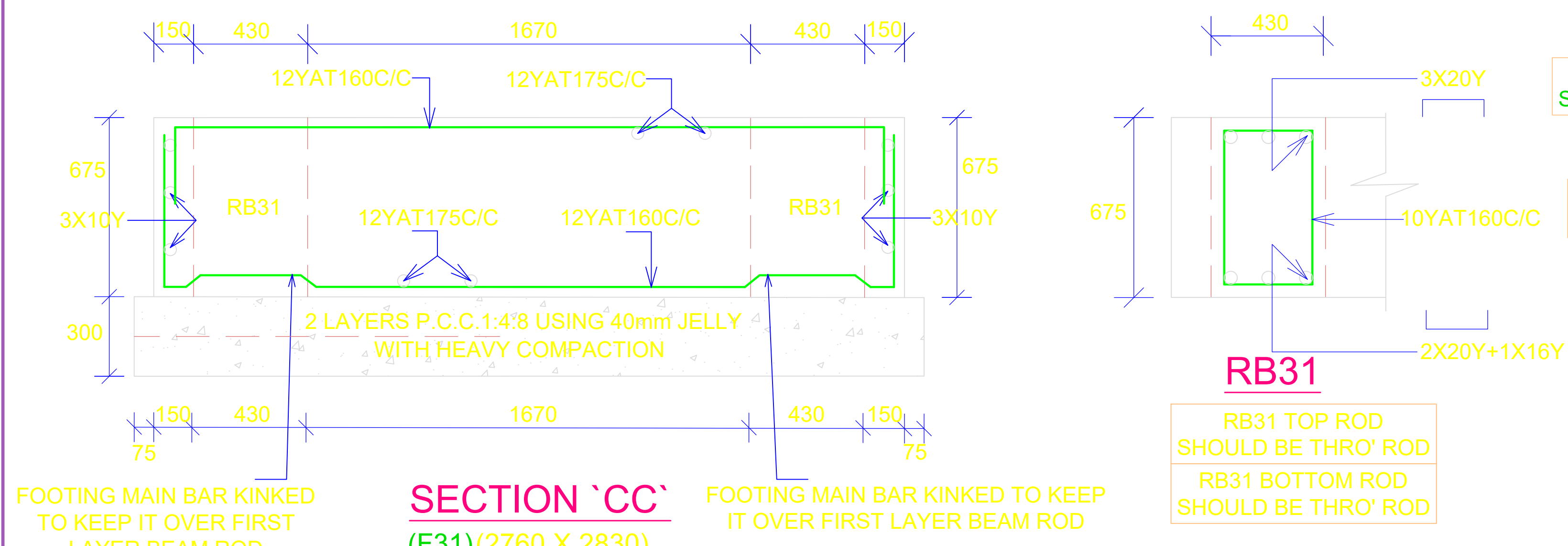
FOOTING CONCRETE SHOULD BE DONE WITHOUT HONEYCOMBS

- NOTES:**
1. CONCRETE MIX SHALL BE 1:1.5:3.
 2. 'Y' DENOTES TOR STEEL.
 3. CLEAR COVER SHALL BE FOOTINGS=50, COLUMNS =40.
 4. MINIMUM LAP LENGTH SHALL BE 16Y=800, 12Y=600, 20Y =1000.
 5. FOUNDATION CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT THERE IS NO LOOSE POCKETS IN THE SOIL STRATUM.
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 7. ALL COLUMNS ARE CONCENTRIC TO THE FOOTINGS.
 8. ALL KIND OF SAFETY FACTORS SHOULD BE TAKEN BY THE CONTRACTOR AT THE TIME OF WORK EXECUTION.
 9. THIS BUILDING EXECUTED BY CLIENT ENGINEERS SUPERVISION.

LAYOUT OF FOOTINGS & COLUMNS, RAFT BEAM

IN FOOTING LAYOUT EDGE OF P.C.C LINE 75 FROM FOOTING IS NOT SHOWN FOR CLARITY

THIS DRAWING SHOULD BE READ WITH PLINTHBEAM DRAWING



SCHEDULE OF FOOTINGS:-

TYPE	SIZE			P.C.C	REINFORCEMENT	
	LENGTH(L)	BREATH(B)	DEPTH (D)		LOWER BARS	UPPER BARS
F1	2150	1900	750	P.C.C EDGE SHALL BE 75 EXTRA FROM LENGTH / BREATH OF FOOTING EXCAVATION	18 X 12 Y	16 X 12 Y
F2	1950	1750	650		15 X 12 Y	13 X 12 Y
F2A	1750	1600	650		13 X 12 Y	11 X 12 Y
F3	1560	1400	525		11 X 12 Y	10 X 12 Y
F4	1400	1340	450		11 X 10 Y	10 X 10 Y
F5	1300	1200	450		10 X 10 Y	9 X 10 Y
F6	900	900	300		6 X 10 Y	6 X 10 Y
F31	2830	2760	675		REFER SECTION - 'CC'	

FOR GROUND FLOOR COLUMNS DETAILS REFER DWG NO : 2025 / 6550 / SD - 2

10. CLIENT HOLD ALL EXECUTION / CONSTRUCTION RESPONSIBILITIES.
11. ALL DIMENSIONS SHOULD BE CHECKED WITH CONSULTANT DRAWING.
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ATTENTION:-

1. S.B.C OF SOIL IS TAKEN AS 25 T/M² - AT 3.0M AS PER SOIL INVESTIGATION REPORT REPORT NO : SSTS / GT / 081124 / 02 - DATE : 08.11.2024
2. NO OF FLOORS CONSIDERED IN DESIGN GROUND FLOOR + 2 UPPER FLOORS.

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

CLIENT:

Mr.HARIES ABDULLAH..

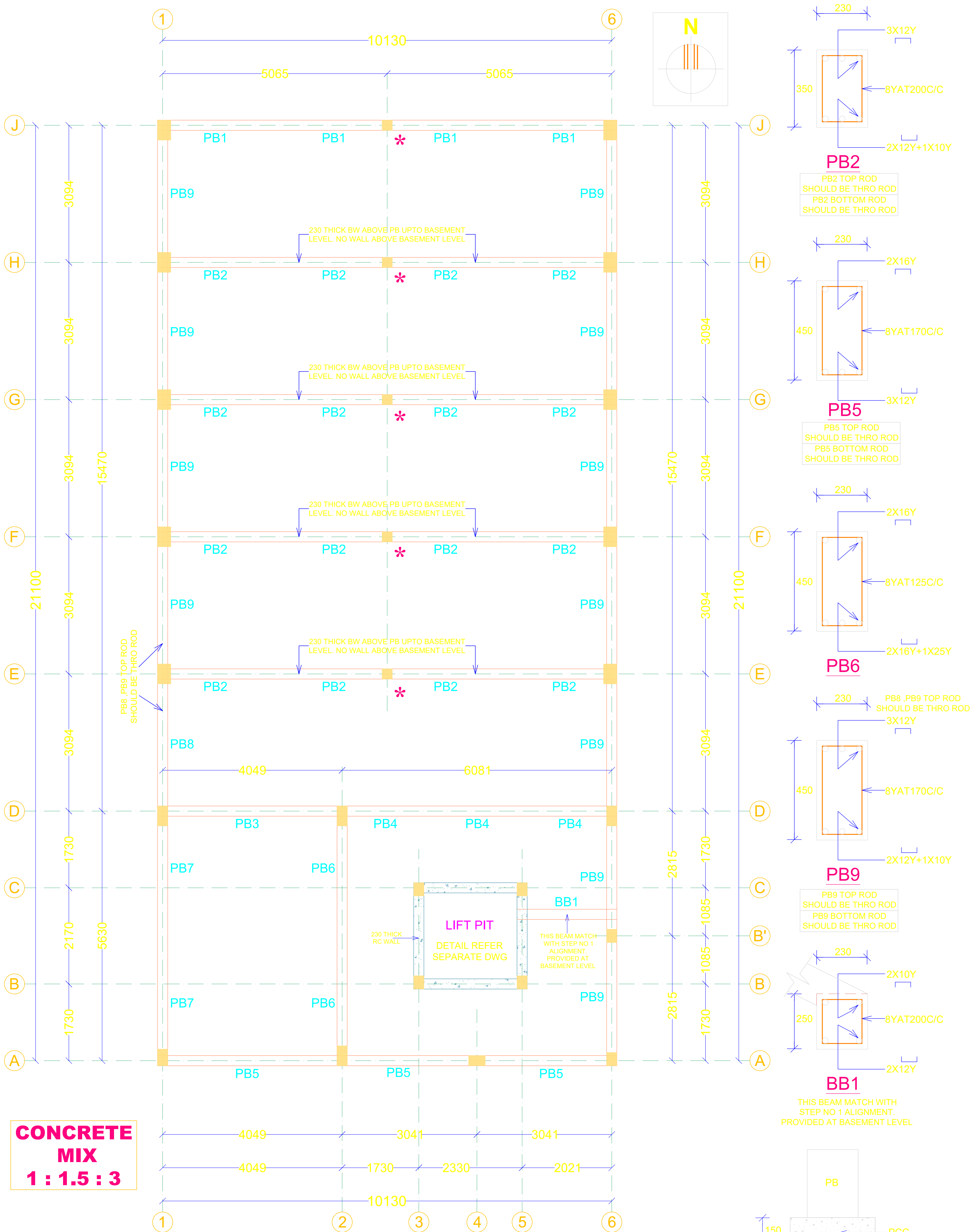
SCALE : 1:60, 1:25, 1:12.

DATE:- 28 - 05 - 2025

FOOTINGS & COLUMNS LAYOUT DETAILS FOOTING SECTION & SCHEDULE DETAILS F31 - RB31 RAFTBEAM RC DETAILS

REGISTERED STRUCTURAL ENGINEER :

Er.M.PRASANTH,B.E.,
Registered Structural Engineer, Grade-II
Reg.No: SE / GR.II /SVG Dist / 28 / 2021
1/304, Krishna Nagar 5th Street,
T.Pudur, Sivagangai - 630 561.
Cell: 98420 80530



NOTES:

1. CONCRETE MIX SHALL BE 1:1.5:3.
2. 'Y' DENOTES TOR STEEL.
3. CLEAR COVER SHALL BE BEAM = 25, SLAB = 20.
4. MINIMUM LAP LENGTH SHALL BE 20Y=1200, 16Y=1000, 12Y=750, 10Y=600.
5. CONCRETE SHOULD BE PLACED ONLY AFTER THE CLIENT SITE ENGINEER / CONTRACTOR ENSURES THAT ALL REINFORCEMENT WORKS ARE ACCORDING TO THE DRAWING.
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11. THIS DRAWING SHOULD BE READ WITH CONSULTANT DRAWING.

*** THESE COLUMNS ARE TERMINATED AT BASEMENT LEVEL.**

CONCRETE MIX 1 : 1.5 : 3

BEAM DEPTH		INDICATES BEAM TOP ROD SHAPE
		INDICATES BEAM BOTTOM ROD SHAPE

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING OF SHOPPING COMPLEX BUILDING IN S.F.NO : 388 / 1C4, PATTINAMKATHAN VILLAGE RAMANATHAPURAM TALUK & DISTRICT.

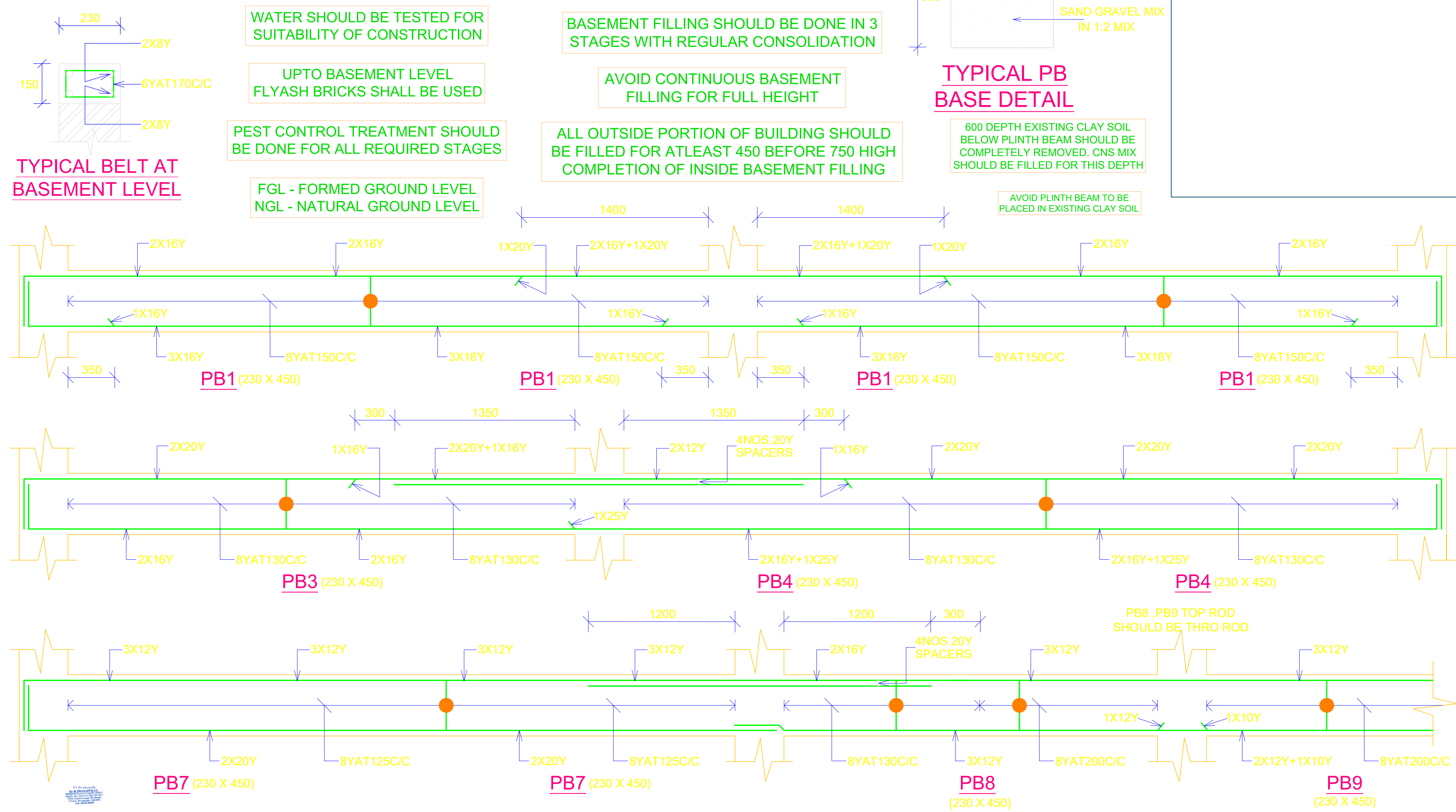
CLIENT:
Mr.HARIES ABDULLAH..

SCALE : 1:60, 1:25, 1:12.	DATE:- 28 - 05 - 2025
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PLINTHBEAM & BASEMENT LEVEL BELT RC DETAILS

REGISTERED STRUCTURAL ENGINEER :

LAYOUT OF PLINTH BEAM & BASEMENT LEVEL BELT



ALL PLINTH BEAM SOFFIT LEVEL SHOULD BE AT SAME LEVEL

BASEMENT HEIGHT SHALL BE MAXI 750 FROM TOP OF 450 HIGH PB