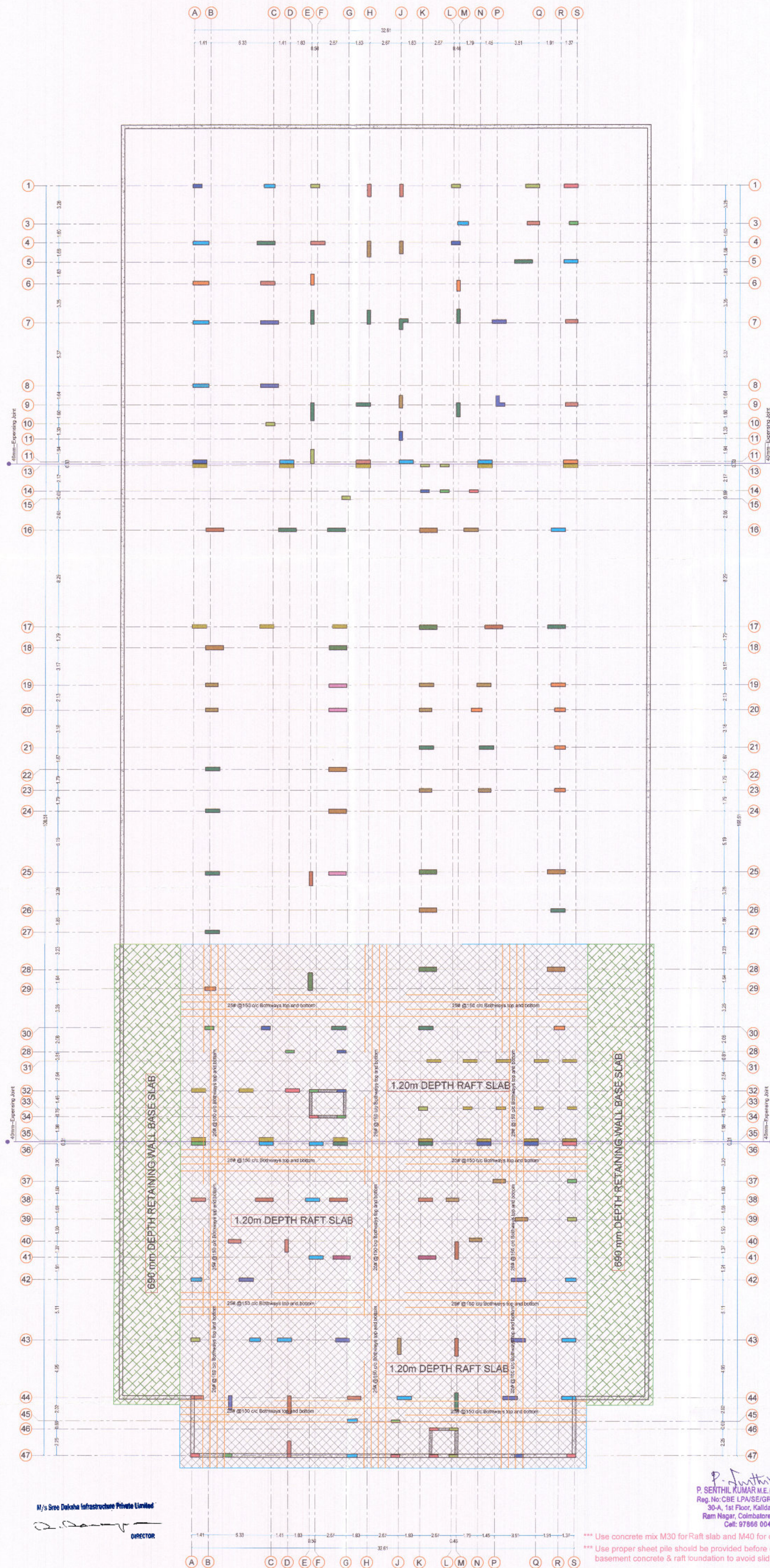




Notes:

- 1) This drawing should be read along with Architectural drawing.
- 2) All centre line dimensions should be checked before marking with site measurement
- 3) Foundation Designed For Basement 1 & 2, Stilt Plus Seven Floors
- 4) The SBC of soil shall be taken at base of foundation is 360 kN/m²

GENERAL NOTES:

- 1) All dimensions are in foot and inches.
- 2) Use concrete mix: Column - M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
- 5) Provide lap length 50D for Beam
- 6) No admixtures shall be added without permission of consultant.
- 7) Crank at L/4 of clear span
- 8) Extra rod at top to a length of 0.3L of clear span from support
- 9) ST - indicates Straight rod.
- 10) CKD - indicates Cranked rod.
- 11) # - Indicates TOR Steel
- 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- 13) Structural Engineer's responsibility is limited to designing and issue of structural drawing only
- 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date: 18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1 & 2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1 Part & 294/2, NEW TS.NO: 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

**BASEMENT - 1
RAFT SLAB KEY PLAN
GRID - (27 TO 47)**

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/001

REV NO & DATE : 0

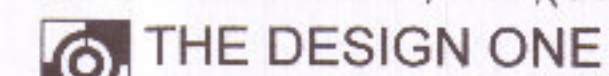
FILE NAME :

PROMOTER:



STRUCTURAL CONSULTANT

P.SENTHILKUMAR, M.E., (Struct)



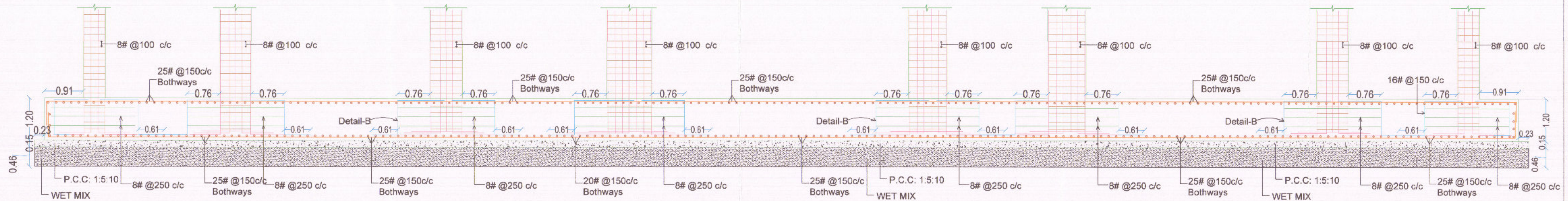
THE DESIGN ONE
Civil and Structural Consultancy,
30-A, First floor, Kalidas road, Ramnagar,
Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off. 98422 60478, 0422 4373478

M/s Sree Daksha Infrastructure Private Limited

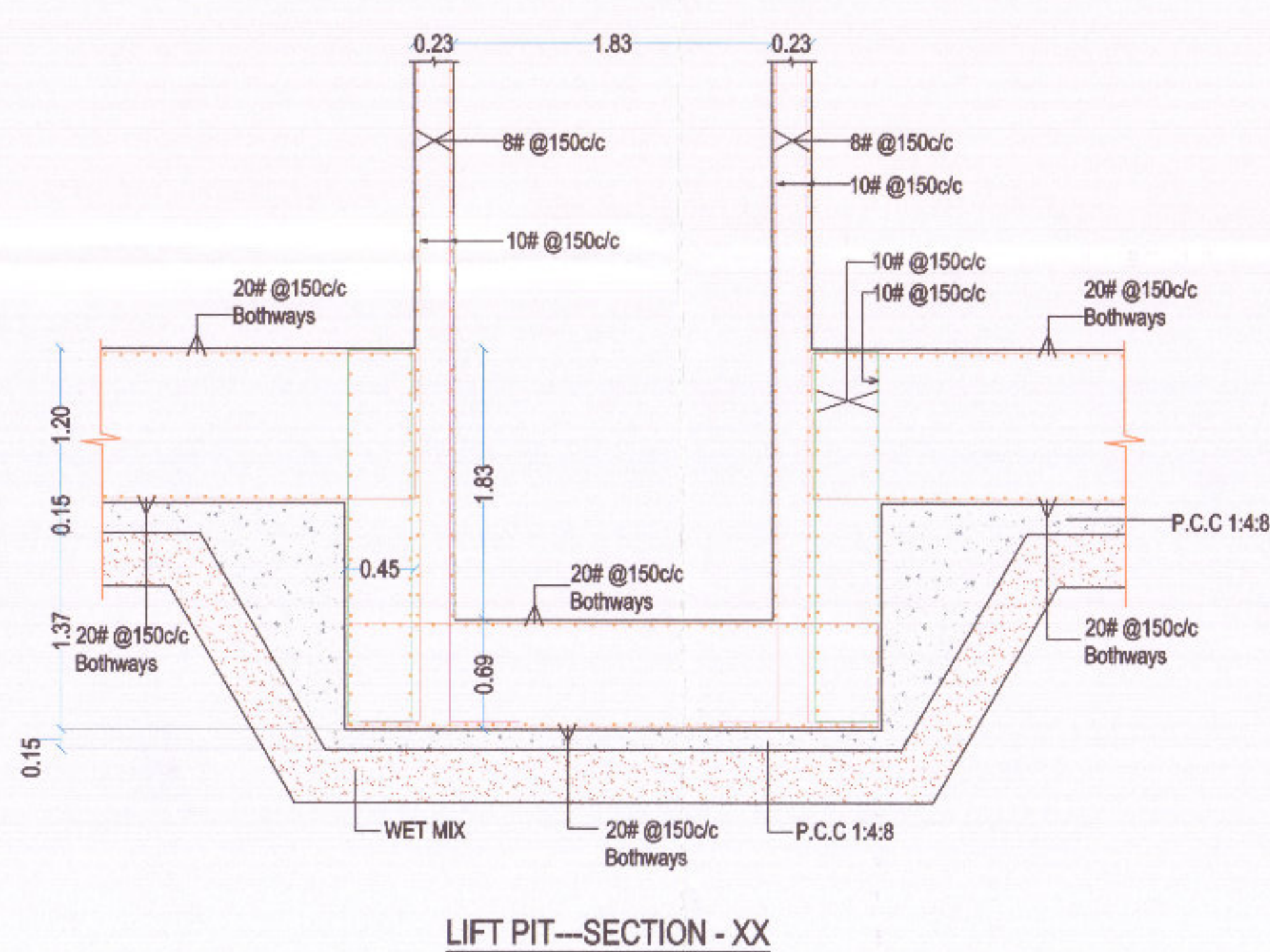
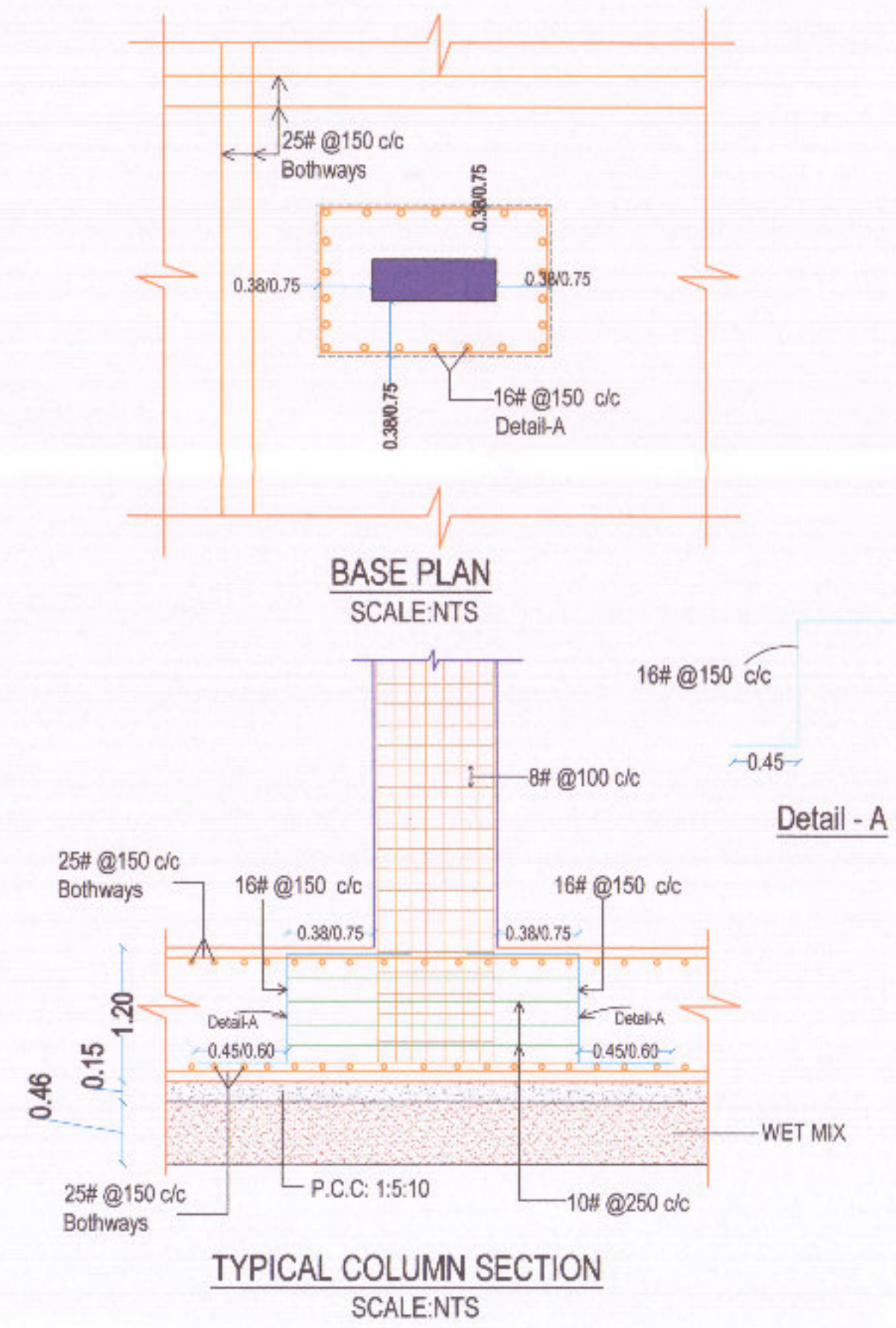
DIRECTOR

P. Senthil Kumar
P. SENTHIL KUMAR, M.E., (STRUCT), CIV
Reg. No: CBE LPA/SE/GR-1050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009,
Cell: 97866 00478

*** Use concrete mix M30 for Raft slab and M40 for column shaft.
*** Use proper sheet pile should be provided before execution of basement concrete & raft foundation to avoid sliding of soil.



RAFT SLAB --- SECTION - SS



- Notes:
- 1) This drawing should be read along with Architectural drawing.
 - 2) Use concrete mix: Column -M40
Beam & Slab - M30
 - 3) All centre line dimensions should be checked before marking with site measurement
 - 4) Foundation Designed For Basement 1& 2, Stilt Plus Seven Floors
 - 5) The SBC of soil shall be taken at base of foundation is 360 kN/m²
- *** Use concrete mix M30 for Raft slab and M40 for column shaft.
- *** Use proper sheet pile should be provided before execution of basement concrete & raft foundation to avoid sliding of soil.

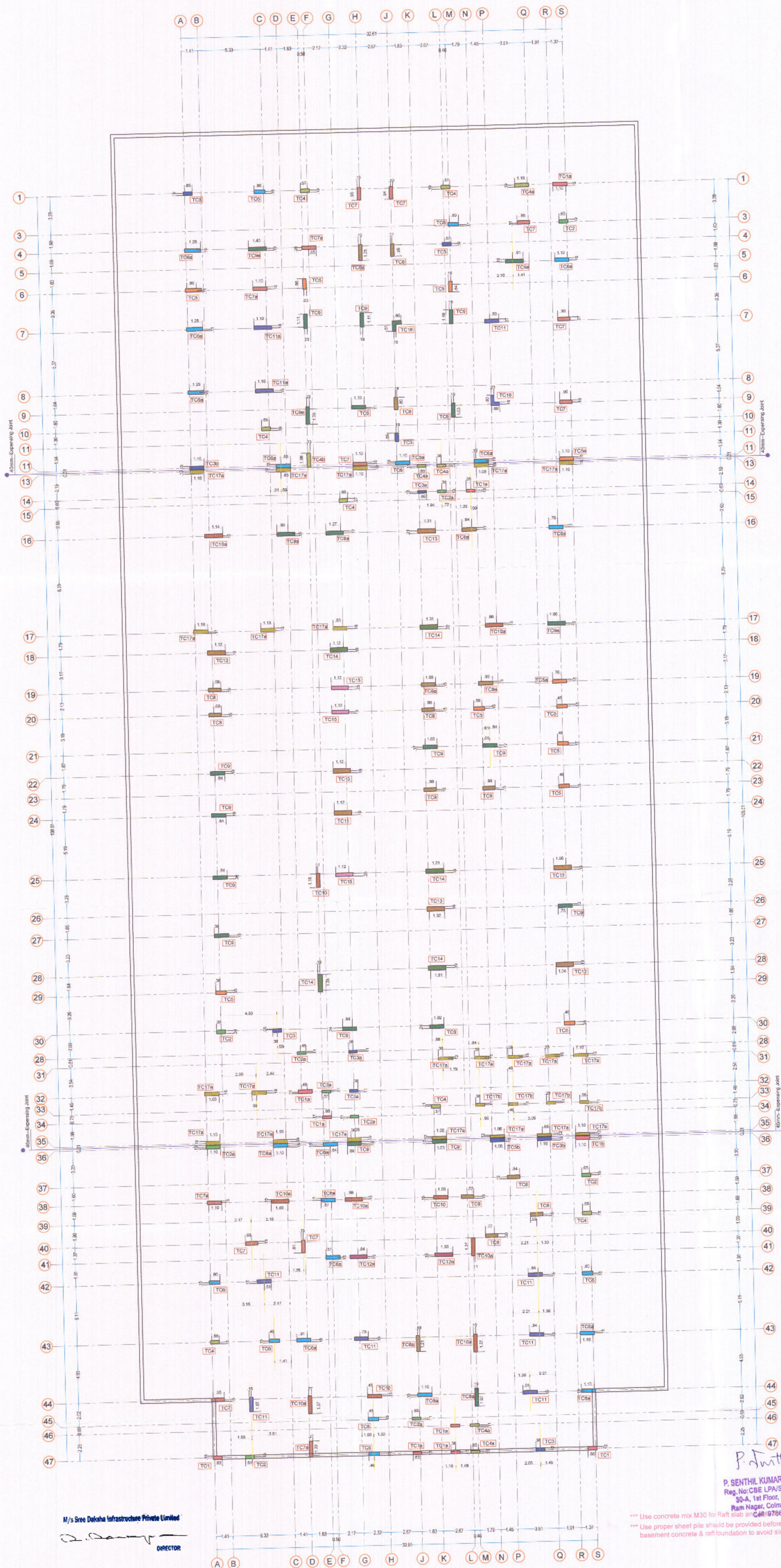
- 1) Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
- 2) Cranking of column bars should not exceed a slope 1 in 10
- 3) All column splices shall be based on tension lap lengths

Note: 1) Use concrete mix M30 for Raft slab and M30 for column shaft. 2) Provide clear cover 2" for Raft slab and 1.5" for column shaft reinf/- 3) Provide lap length 50D for columns 4) Provide chairs at suitable intervals. 5) # indicates Tor steel			PROJECT CODE : APT 25-801-01 DWG NO : 801-01/SD/FD/005D DRAWN BY : NK CHECKED BY : SK DATE: 08/12/25 Scale: NTS FILE NAME :		PROJECT: PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2,STILT,FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2, NEW TS.NO:18/4 &18/5, BLOCK--2, WARD--Y OF VILLANKURUCHI VILLAGE , COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.	PROMOTER: Sree Daksha INFRASTRUCTURE (INDIA) PVT. LTD.	STRUCTURAL CONSULTANT: P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnager., Coimbatore - 9. Ph:97866 00478, E-Mail: thedesignone@rediffmail.com (O): 0422-4373478, 98422 60478.
Detail - A 16# @150 c/c 0.45			Detail - B 16# @150 c/c 0.60				

M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

P. SENTHIL KUMAR M.E.(STRUCT).AN
Reg.No: CBE LPA/SE/GR-1/0501/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009.
Cell: 97866 00478



Notes:

- 1) This drawing should be read along with Architectural drawing.
- 2) All centre line dimensions should be checked before marking with site measurement
- 3) Foundation Designed For Basement 1 & 2, Stilt Plus Seven Floors
- 4) The SBC of soil shall be taken at base of foundation is 360 kN/m²

GENERAL NOTES:

- 1) All dimensions are in foot and inches.
- 2) Use concrete mix: Column - M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
- 5) Provide lap length 50D for Beam
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Date: 18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF. NO: 294/1 Part & 294/2, NEW TS NO: 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

CENTERLINE AND COLUMN KEY PLAN

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/001

REV NO & DATE : 0

FILE NAME :

PROMOTER:



STRUCTURAL CONSULTANT

P. Senthil Kumar, M.E., (Struct)

THE DESIGN ONE

Civil and Structural Consultancy,
30-A, First floor, Kalidas road, Ramnagar,
Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

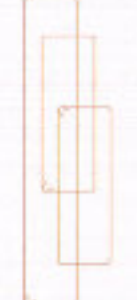
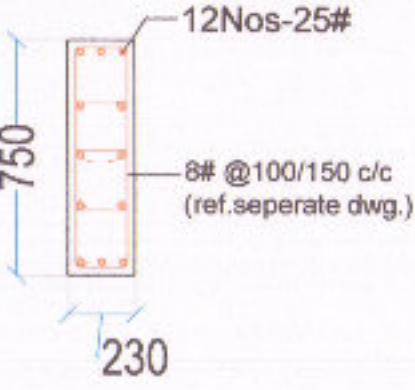
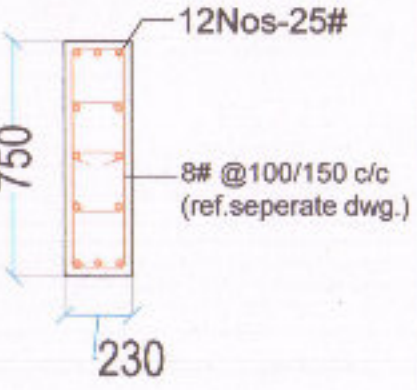
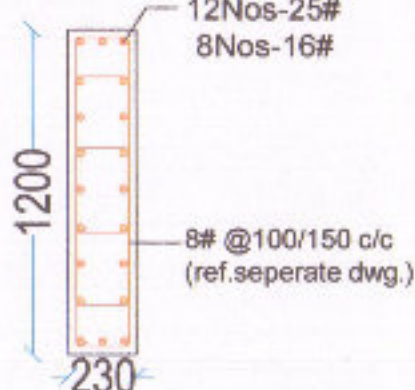
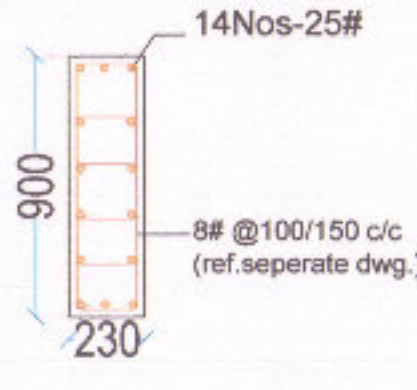
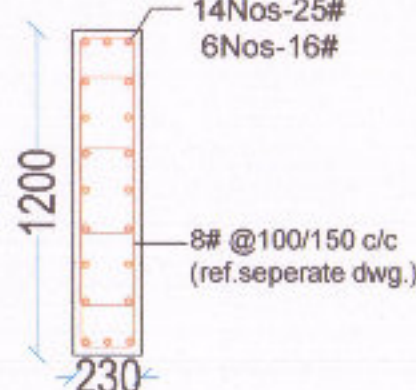
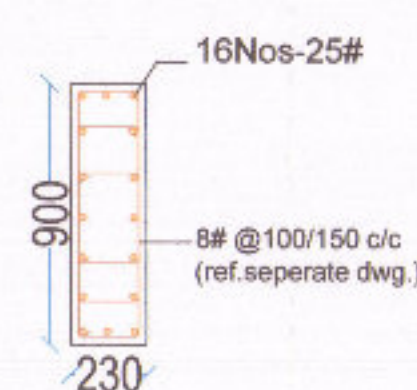
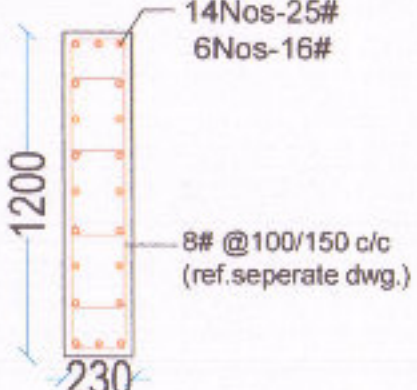
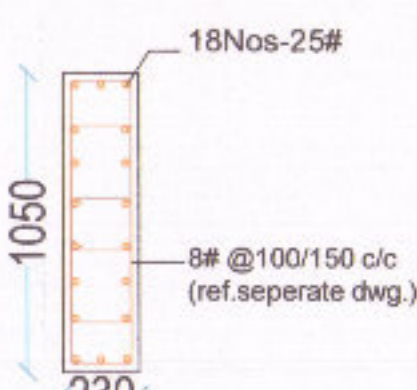
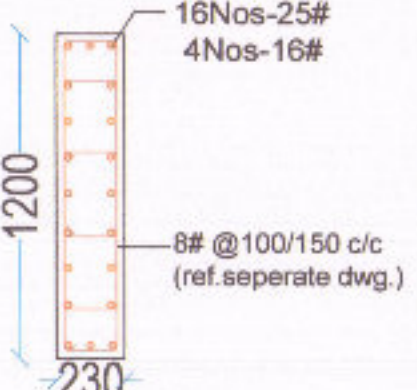
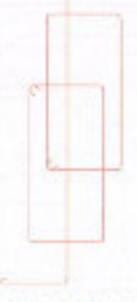
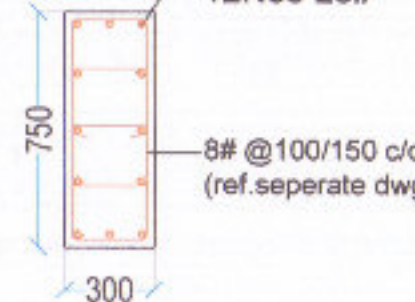
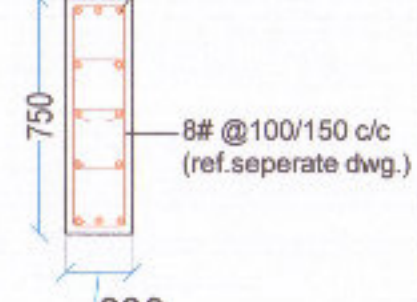
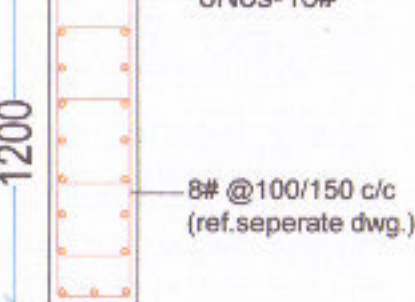
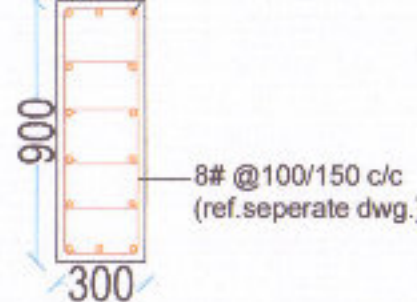
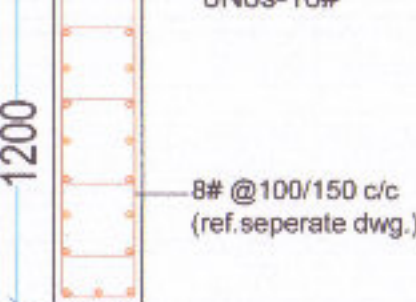
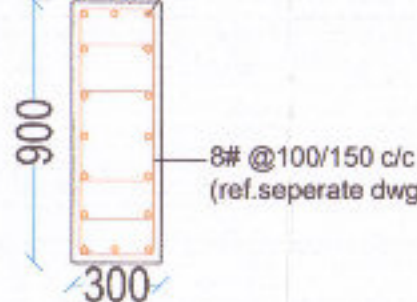
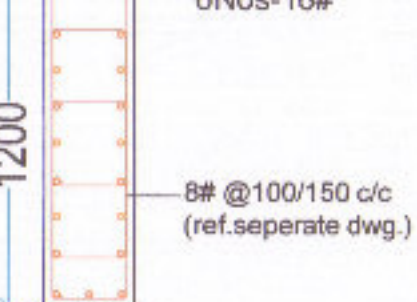
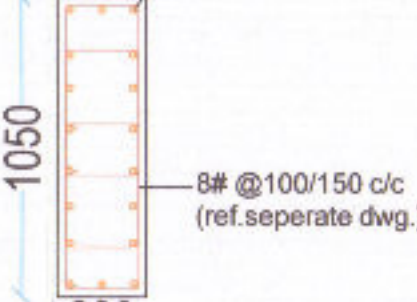
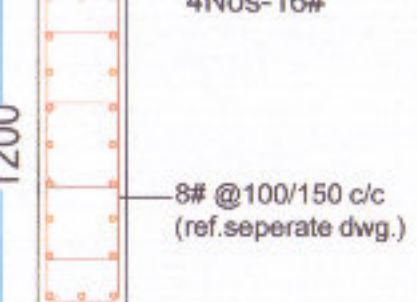
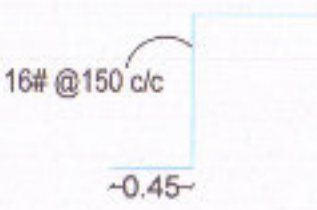
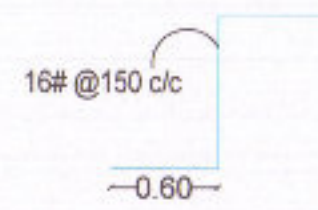
M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

P. Senthil Kumar, M.E., (Struct),
Reg. No: CBE LPA/SE/GR-1050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009.
Cell: 97866 00478

*** Use concrete mix M30 for Raft slab and
*** Use proper sheet pile should be provided before execution of
basement concrete & raft foundation to avoid sliding of soil.

SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE								
12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230	12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230	14Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	14Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230
COLUMN- TC1	COLUMN- TC1a	COLUMN- TC1b	COLUMN- TC2	COLUMN- TC2a	COLUMN- TC2b	COLUMN- TC3	COLUMN- TC3a	COLUMN- TC3b
COLUMN SECTION - DETAILS ABOVE STILT FLOOR ROOF LEVEL								
SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE SHAPE OF LATERAL TIE								
12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 300	12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300	12Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 300	10Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300	14Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 300	14Nos-20# 8# @100/150 c/c (ref.seperate dwg.) 750 230	12Nos-20# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300
COLUMN- TC1	COLUMN- TC1a	COLUMN- TC1b	COLUMN- TC2	COLUMN- TC2a	COLUMN- TC2b	COLUMN- TC3	COLUMN- TC3a	COLUMN- TC3b
COLUMN SECTION - DETAILS UPTO STILT FLOOR ROOF LEVEL								
M/s Sree Daksha Infrastructure Private Limited 16# @150 c/c -0.45- Detail - A 16# @150 c/c -0.60- Detail - B								
16# @150 c/c -0.45- Detail - A			16# @150 c/c -0.60- Detail - B			PROJECT CODE : APT 25-801-01 DWG NO : 801-01/SD/FD/005C DRAWN BY : NK CHECKED BY : SK DATE:18/12/25 REV NO & DATE : 0 Scale: NTS FILE NAME : PROJECT: PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2 STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SP NO: 2941 Part I & 2942, NEW TS.NO:164 & 165, BLOCK-2, WARD-1 OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT DRAWING TITLE: COLUMN SECTION DETAILS - I PROMOTER: P. Senthil Kumar M.E. (Struct), AN Reg. No: CBE LPA/SE/GR-1/0501/2024 30-A, 1st Floor, Kalidee Street, Ram Nagar, Coimbatore - 641 009. Coim. 97866 00478 STRUCTURAL CONSULTANT: P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 3D-A,First floor,Kalidas road,Ramnager, Coimbatore - 9, Ph:97866 00478, E-Mail: thedesignone@rediffmail.com (O): 0422-4373478, 98422 60478.		
Note: 1) Use concrete mix M30 for Raft slab and M40 for column shaft. 2) Provide clear cover 2" for Raft slab and 1.5" for column shaft reinf/- 3) Provide lap length 50D for columns 4) Provide chairs at suitable intervals. 5) # indicates Tor steel								

 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE
 12Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 750 230	 12Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 750 230	 12Nos-25# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230	 14Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 900 230	 14Nos-25# 6Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230	 16Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 900 230	 14Nos-25# 6Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230	 18Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 1050 230	 16Nos-25# 4Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 230
COLUMN- TC4	COLUMN- TC4a	COLUMN- TC4b	COLUMN- TC5	COLUMN- TC5a	COLUMN- TC6	COLUMN- TC6a	COLUMN- TC7	COLUMN- TC7a
COLUMN SECTION - DETAILS ABOVE STILT FLOOR ROOF LEVEL								
 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE	 SHAPE OF LATERAL TIE
 12Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 750 300	 12Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 750 230	 12Nos-25# 8Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300	 14Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 900 300	 14Nos-25# 6Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300	 16Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 900 300	 14Nos-25# 6Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300	 18Nos-25# 8# @100/150 c/c (ref.seperate dwg.) 1050 300	 16Nos-25# 4Nos-16# 8# @100/150 c/c (ref.seperate dwg.) 1200 300
COLUMN- TC4	COLUMN- TC4a	COLUMN- TC4b	COLUMN- TC5	COLUMN- TC5a	COLUMN- TC6	COLUMN- TC6a	COLUMN- TC7	COLUMN- TC7a
COLUMN SECTION - DETAILS UPTO STILT FLOOR ROOF LEVEL								
Note: 1) Use concrete mix M30 for Raft slab and M40 for column shaft. 2) Provide clear cover 2" for Raft slab and 1.5" for column shaft reinf/- 3) Provide lap length 50D for columns 4) Provide chairs at suitable intervals. 5) # indicates Tor steel			 16# @150 c/c -0.45- Detail - A	 16# @150 c/c -0.60- Detail - B	PROJECT CODE : APT 25-801-01 DWG NO : 801-01/SD/FD/005C DRAWN BY : NK CHECKED BY : SK DATE:18/12/25 Scale: NTS FILE NAME :	PROJECT: PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2,STILT FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2, NEW TS.NO:18/4 &18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT. DRAWING TITLE: COLUMN SECTION DETAILS - II	PROMOTER:  Sree Daksha INFRASTRUCTURE (INDIA) PVT. LTD.	STRUCTURAL CONSULTANT: P.SENTHILKUMAR,M.E.,(Struct)  THE DESIGN ONE Civil and Structural Consultancy, 30-A, First floor, Kalidas road, Ramnagar., Coimbatore - 9. Ph:97886 00478, E-Mail: thedesignone@rediffmail.com (O): 0422-4373478, 98422 60478.

SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE
COLUMN- TC8	COLUMN- TC8a	COLUMN- TC9	COLUMN- TC9a	COLUMN- TC10	COLUMN- TC10a	COLUMN- TC11	COLUMN- TC11a

COLUMN SECTION - DETAILS ABOVE STILT FLOOR ROOF LEVEL

SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE
COLUMN- TC8	COLUMN- TC8a	COLUMN- TC9	COLUMN- TC9a	COLUMN- TC10	COLUMN- TC10a	COLUMN- TC11	COLUMN- TC11a

COLUMN SECTION - DETAILS UPTO STILT FLOOR ROOF LEVEL

P. SENTHIL KUMAR, M.E. (STRUCT)
 Reg. No: CBE LPA/SE/GR-I/050/2024
 30-A, 1st Floor, Kalidas Street,
 Ram Nagar, Coimbatore - 641009,
 Cell: 97866 00478

Note: 1) Use concrete mix M30 for Raft slab and M40 for column shaft. 2) Provide clear cover 2" for Raft slab and 1.5" for column shaft reinf/- 3) Provide lap length 50D for columns 4) Provide chairs at suitable intervals. 5) # indicates Tor steel	Detail - A	Detail - B	PROJECT CODE : APT 25-801-01 DWG NO : 801-01/SD/FD/005C DRAWN BY : NK CHECKED BY : SK DATE: 18/12/25 Scale: NTS FILE NAME :	PROJECT: PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2 STILT FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF. NO: 2941 Part 5 & 2942, NEW TS. NO: 184 & 185, BLOCK-2, WARD - Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.	PROMOTER: Sree Daksha INFRASTRUCTURE (INDIA) PVT. LTD.	STRUCTURAL CONSULTANT: P.SENTHILKUMAR, M.E., (Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A, First floor, Kalidas road, Ramnagar, Coimbatore - 9. Ph: 97866 00478, E-Mail: thedesignone@rediffmail.com (C): 0422-4373478, 98422 60478.

M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

16# @150 c/c

-0.45

Detail - A

16# @150 c/c

-0.60

Detail - B

SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE
COLUMN- TC12	COLUMN- TC12a	COLUMN- TC13	COLUMN- TC14	COLUMN- TC15	COLUMN- TC16	COLUMN- TC17

COLUMN SECTION - DETAILS ABOVE STILT FLOOR ROOF LEVEL

SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE
COLUMN- TC12	COLUMN- TC12a	COLUMN- TC13	COLUMN- TC14	COLUMN- TC15	COLUMN- TC16	COLUMN- TC17

COLUMN SECTION - DETAILS UPTO STILT FLOOR ROOF LEVEL

M/s Sree Daksha Infrastructure Private Limited

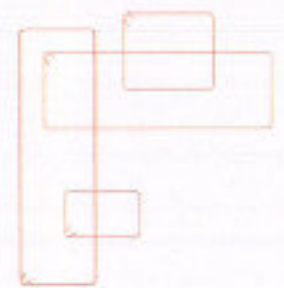
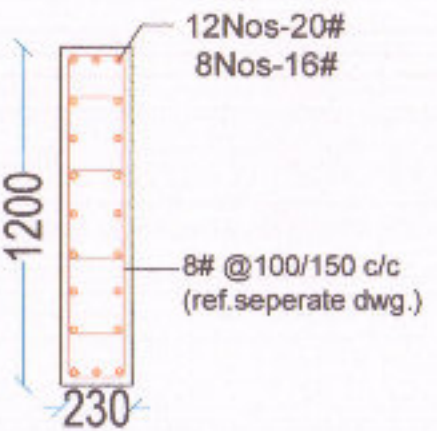
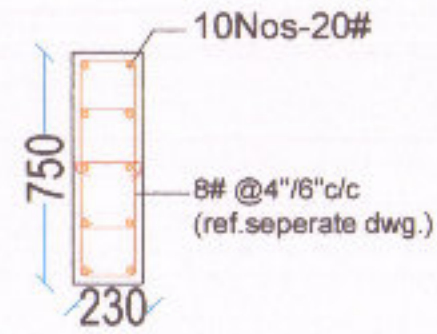
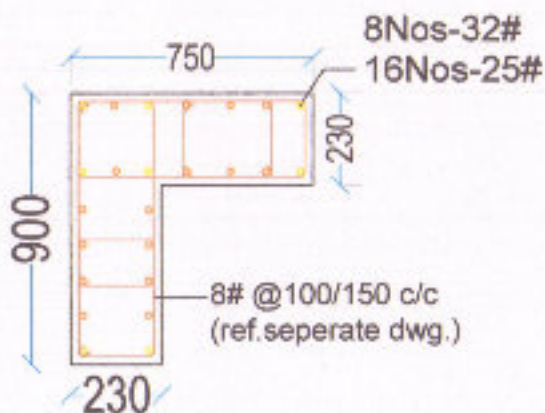
DIRECTOR

P. SENTHIL KUMAR M.E. (STRUCT), A/V
Reg. No: CBE LPA/SE/GR-I/050/2024
30-A, 1st Floor, Kalidas Street,
Raj Nagar, Coimbatore - 641 009.
Cell: 97866 00478

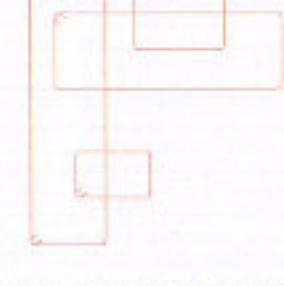
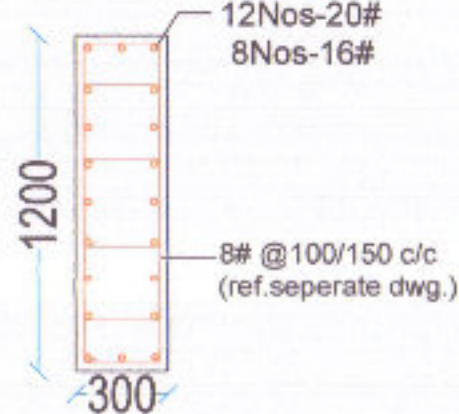
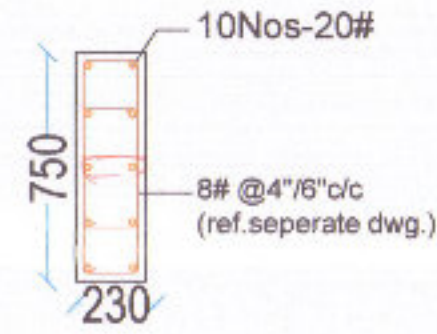
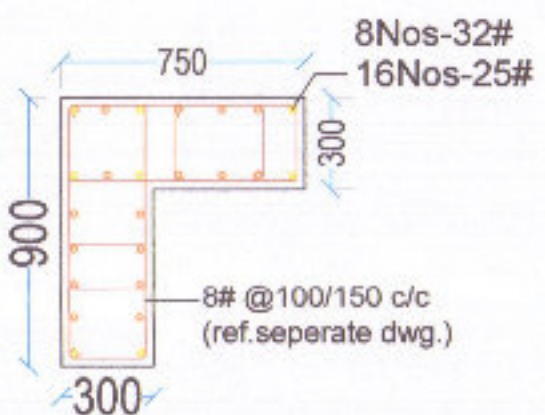
Note: 1) Use concrete mix M30 for Raft slab and M40 for column shaft. 2) Provide clear cover 2" for Raft slab and 1.5" for column shaft reinf- 3) Provide lap length 50D for columns 4) Provide chairs at suitable intervals. 5) # indicates Tor steel			PROJECT CODE : APT 25-801-01 DWG NO : 801-01/SD/FD/005C DRAWN BY : NK CHECKED BY : SK DATE:18/12/25 Scale: NTS FILE NAME :		PROJECT: PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1A-2, STILT, FIRST TO SEVENTH FLOOR, BLOCK B - GROUND FLOOR IN OLD SF NO. 204/1 Part & 204/2, NEW TS NO-184 & 185, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT. DRAWING TITLE: COLUMN SECTION DETAILS - IV	PROMOTER: Sree Daksha INFRASTRUCTURE (INDIA) PVT. LTD.	Call: 97866 00478 STRUCTURAL CONSULTANT: P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnagar, Coimbatore - 9, Ph:97866 00478, E-Mail: thedesignone@rediffmail.com (C): 0422-4373478, 98422 60478.
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P. SENTHIL KUMAR, M.E., (Struct)
THE DESIGN ONE
Civil and Structural Consultancy,
30-A, First floor, Kalidas road, Rajnagar,
Coimbatore - 9. Ph: 97866 00478,
E-Mail: thedesignone@rediffmail.com
(C): 0422 4373478, 98422 60478.

						
SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE				
						
COLUMN- TC17a	COLUMN- TC17b	COLUMN- TC18				

COLUMN SECTION - DETAILS ABOVE STILT FLOOR ROOF LEVEL

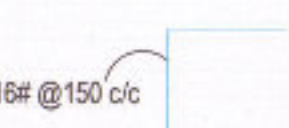
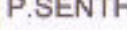
						
SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE	SHAPE OF LATERAL TIE				
						
COLUMN- TC17a	COLUMN- TC17b	COLUMN- TC18				

P. Senthil Kumar
P. SENTHIL KUMAR M.E. (STRUCT), AIV
 Reg. No: CBE LPA/SE/GR-1/050/2024
 30-A, 1st Floor, Kalidas Street,
 Ram Nagar, Coimbatore - 641 009,
 Cell: 97866 00478

COLUMN SECTION - DETAILS UPTO STILT FLOOR ROOF LEVEL

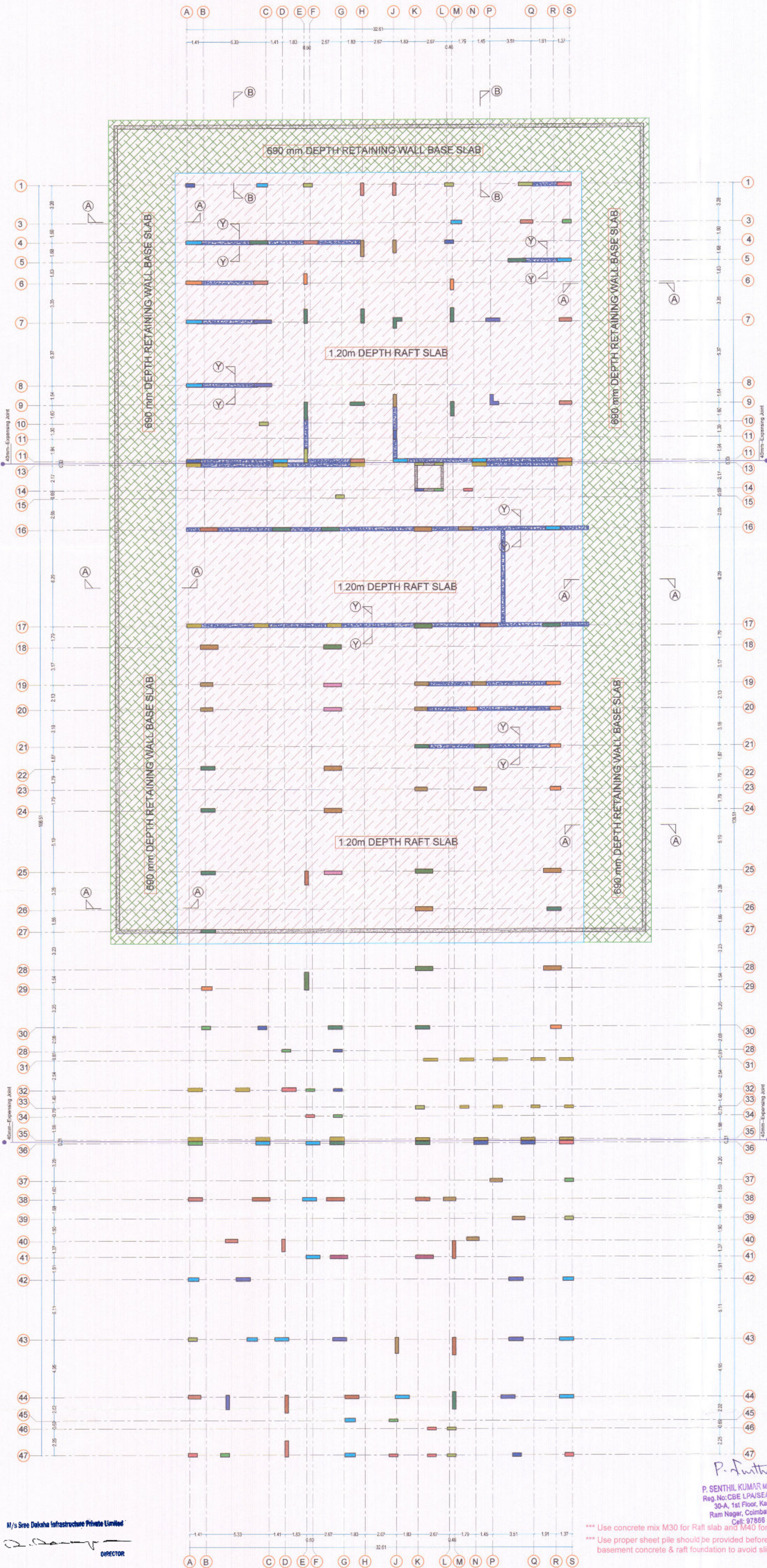
M/s Sree Daksha Infrastructure Private Limited

[Signature]
DIRECTOR

Note: 1) Use concrete mix M30 for Raft slab and M40 for column shaft. 2) Provide clear cover 2" for Raft slab and 1.5" for column shaft reinf- 3) Provide lap length 50D for columns 4) Provide chairs at suitable intervals. 5) # indicates Tor steel	 Detail - A	 Detail - B	PROJECT CODE : APT 25-801-01	PROJECT:	PROMOTER:	STRUCTURAL CONSULTANT:
			DWG NO : 801-01/SD/FD/005C	PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1A-2,STILT FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 2941Part & 2942, NEW TS.NO:18H & 18S, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE , COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.		P.SENTHILKUMAR,M.E.,(Struct)  THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnager., Coimbatore - 9, Ph:97866 00478, E-Mail: thedesignone@rediffmail.com (C): 0422-4373478, 98422 60478.
			DRAWN BY : NK			
			CHECKED BY : SK			
			DATE: 18/12/25	REV NO & DATE : 0	DRAWING TITLE:	COLUMN SECTION DETAILS - V
Scale: NTS						
FILE NAME :						

16# @150 c/c
 ~0.45"
Detail - A

16# @150 c/c
 ~0.60"
Detail - B



Notes:

- 1) This drawing should be read along with Architectural drawing.
- 2) All centre line dimensions should be checked before marking with site measurement
- 3) Foundation Designed For Basement 1 & 2, Stilt Plus Seven Floors
- 4) The SBC of soil shall be taken at base of foundation is 360 kN/m²

GENERAL NOTES:

- 1) All dimensions are in foot and inches.
- 2) Use concrete mix: Column -M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
- 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
- 5) Provide lap length 50D for Beam
- 6) No admixtures shall be added without permission of consultant.
- 7) Crank at L/4 of clear span
- 8) Extra rod at top to a length of 0.3L of clear span from support
- 9) ST - indicates Straight rod.
- 10) CKD- indicates Cranked rod .
- 11) # - Indicates TOR Steel
- 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- 13) Structural Engineer's responsibility is limited to designing and issuance of structural drawing only
- 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date:18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&2, STILT FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO. 294/1 Part & 294/2, NEW TS.NO.18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

**BASEMENT - 2
RCC WALL & SHEAR WALL KEY PLAN
GRID - (1 TO 27)**

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/001

REV NO & DATE : 0

FILE NAME :

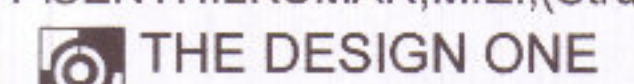
PROMOTER:



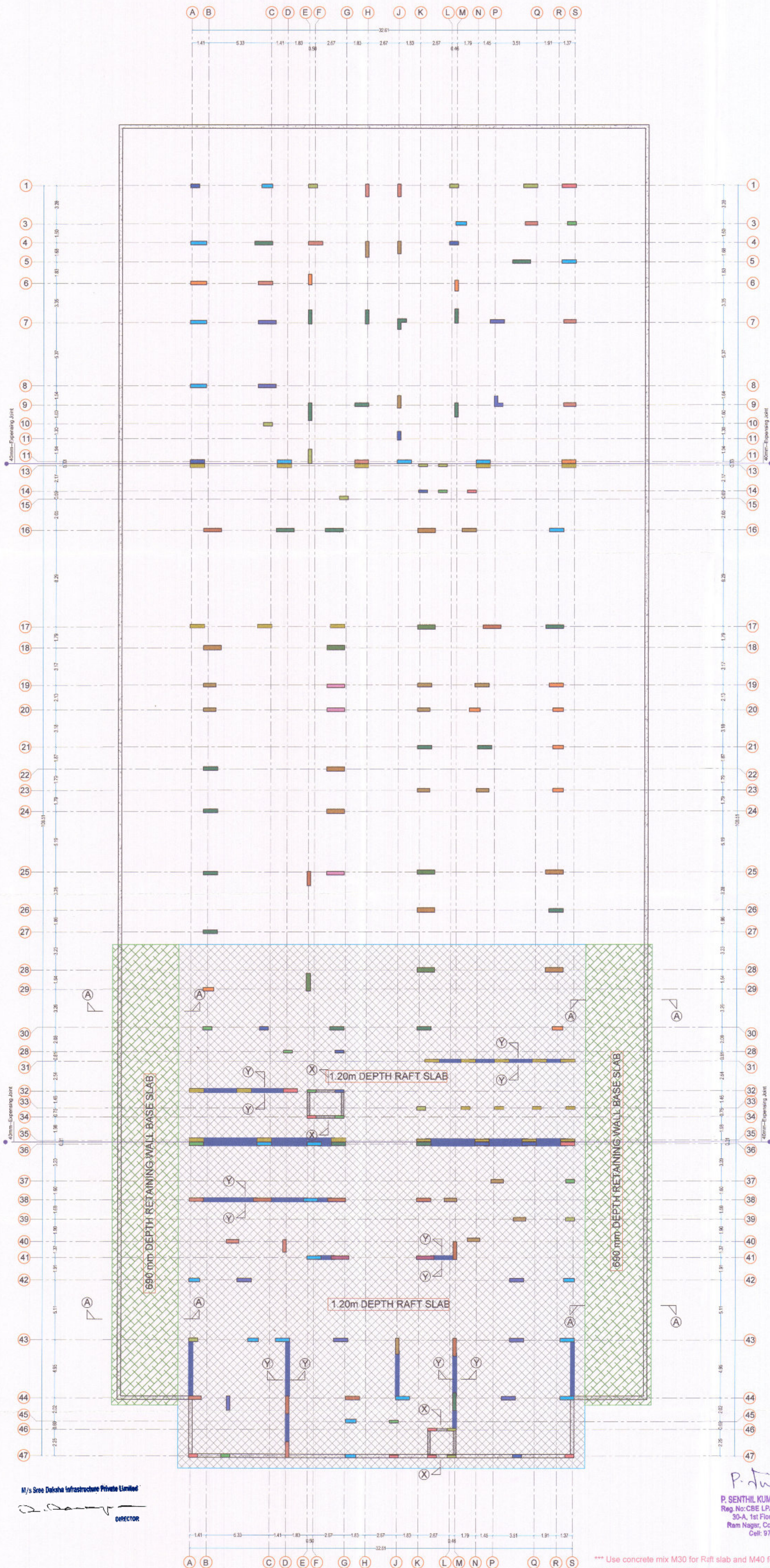
Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

P.SENTHILKUMAR,M.E.,(Struct)



THE DESIGN ONE
Civil and Structural Consultancy,
30-A, First floor, Kalidas road, Ramnagar,
Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478



- Notes:**
- 1) This drawing should be read along with Architectural drawing.
 - 2) All centre line dimensions should be checked before marking with site measurement
 - 3) Foundation Designed For Basement 1 & 2, Stilt Plus Seven Floors
 - 4) The SBC of soil shall be taken at base of foundation is 360 kN/m²

- GENERAL NOTES:**
- 1) All dimensions are in meters & millimeters
 - 2) Use concrete mix: Column -M40
Beam & Slab - M30
 - 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
 - 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
 - 5) Provide lap length 50D for Beam
 - 6) No admixtures shall be added without permission of consultant.
 - 7) Crank at L/4 of clear span
 - 8) Extra rod at top to a length of 0.3L of clear span from support
 - 9) ST - indicates Straight rod.
 - 10) CKD- indicates Cranked rod .
 - 11) # - Indicates TOR Steel
 - 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
 - 13) Structural Engineer's responsibility is limited to designing and issual of structural drawing only
 - 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date:18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2,STILT,FIRST TO SEVENTH FLOOR, BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2, NEW TS.NO:18/4 &18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

BASEMENT - 1

RCC WALL & SHEAR WALL KEY PLAN

GRID - (27 TO 47)

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/001

REV NO & DATE : 0

FILE NAME :

PROMOTER:



Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

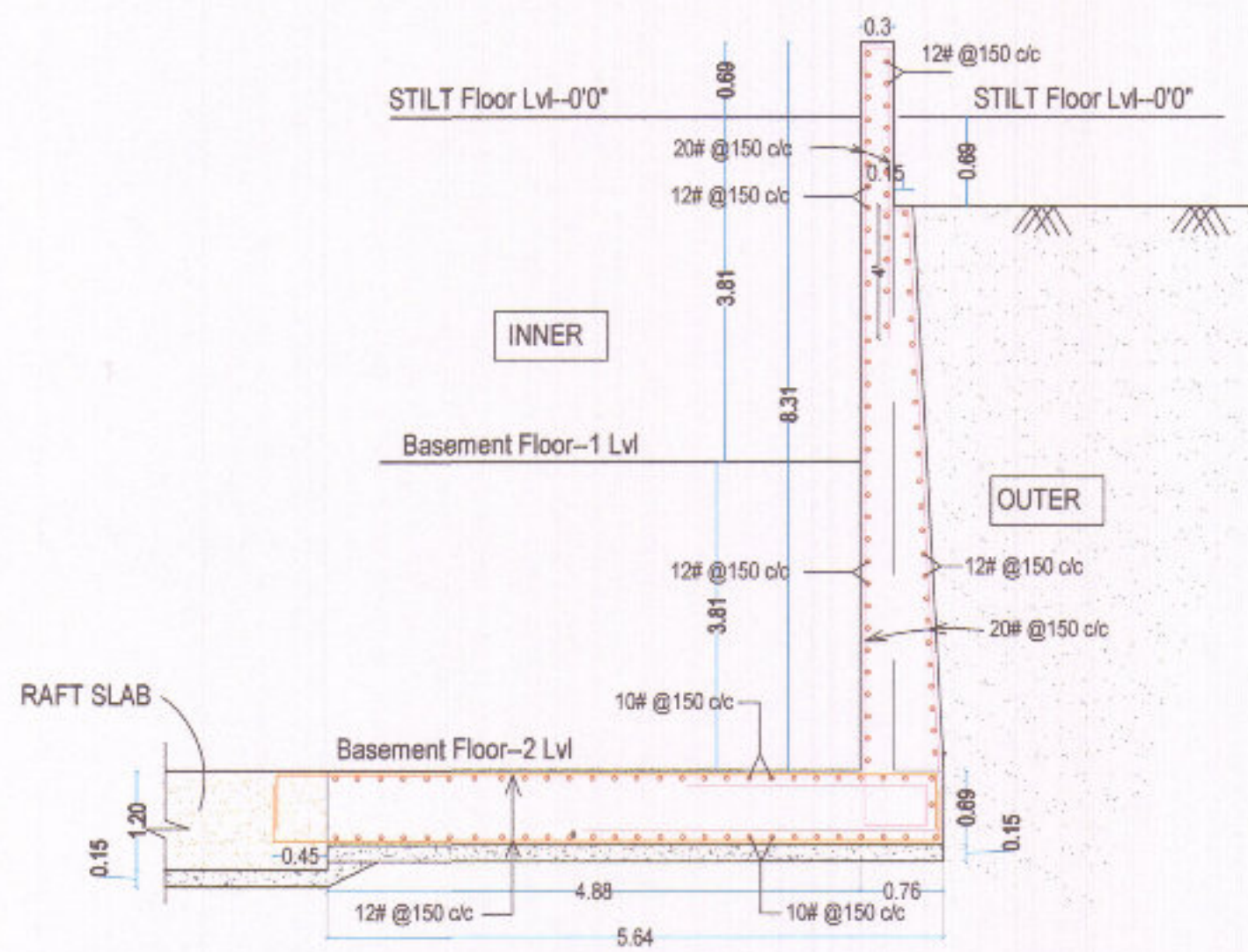
P.SENTHILKUMAR,M.E.,(Struct)



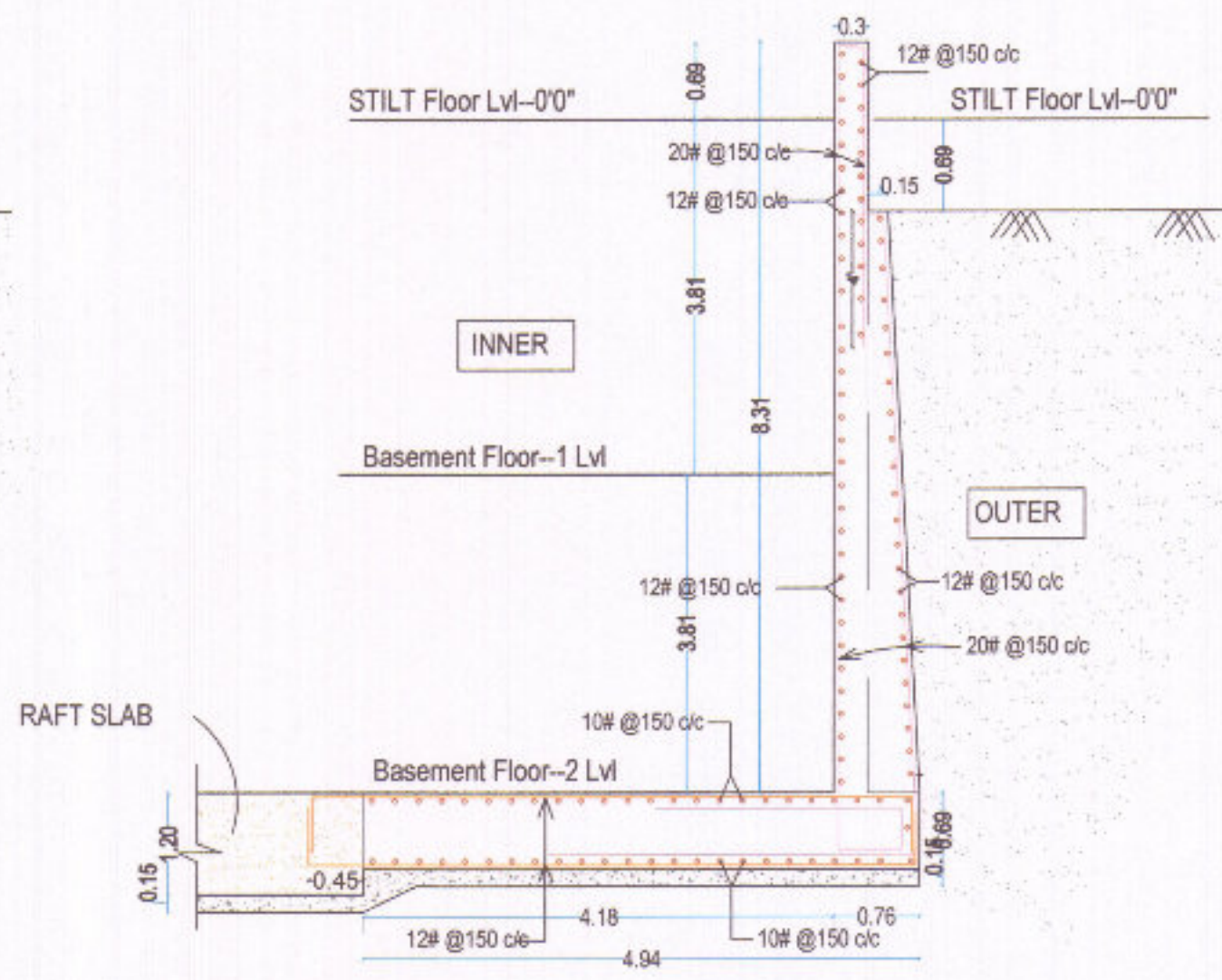
THE DESIGN ONE
Civil and Structural Consultancy,
30-A,First floor,Kalidas road,Ramnagar,
Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

*** Use concrete mix M30 for Raft slab and M40 for column shaft.

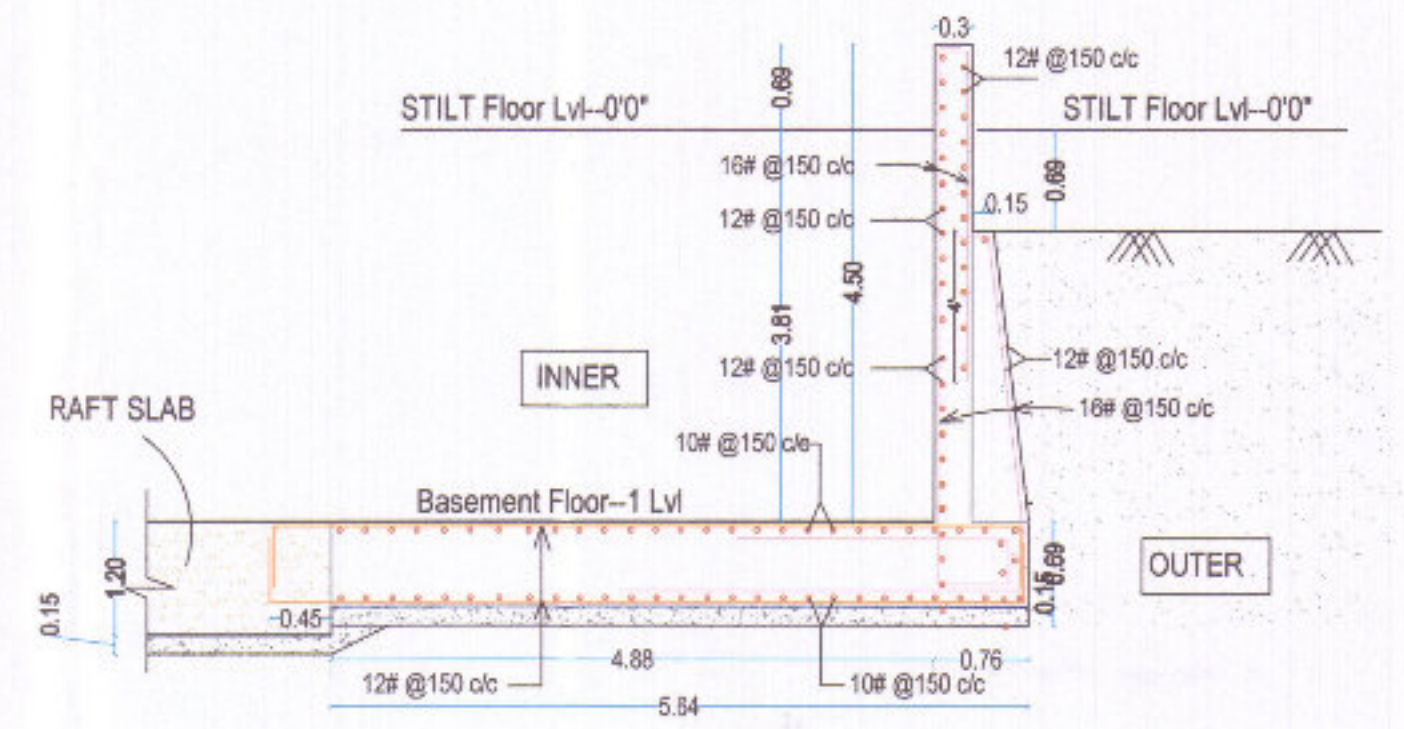
*** Use proper sheet pile should be provided before execution of basement concrete & raft foundation to avoid sliding of soil.



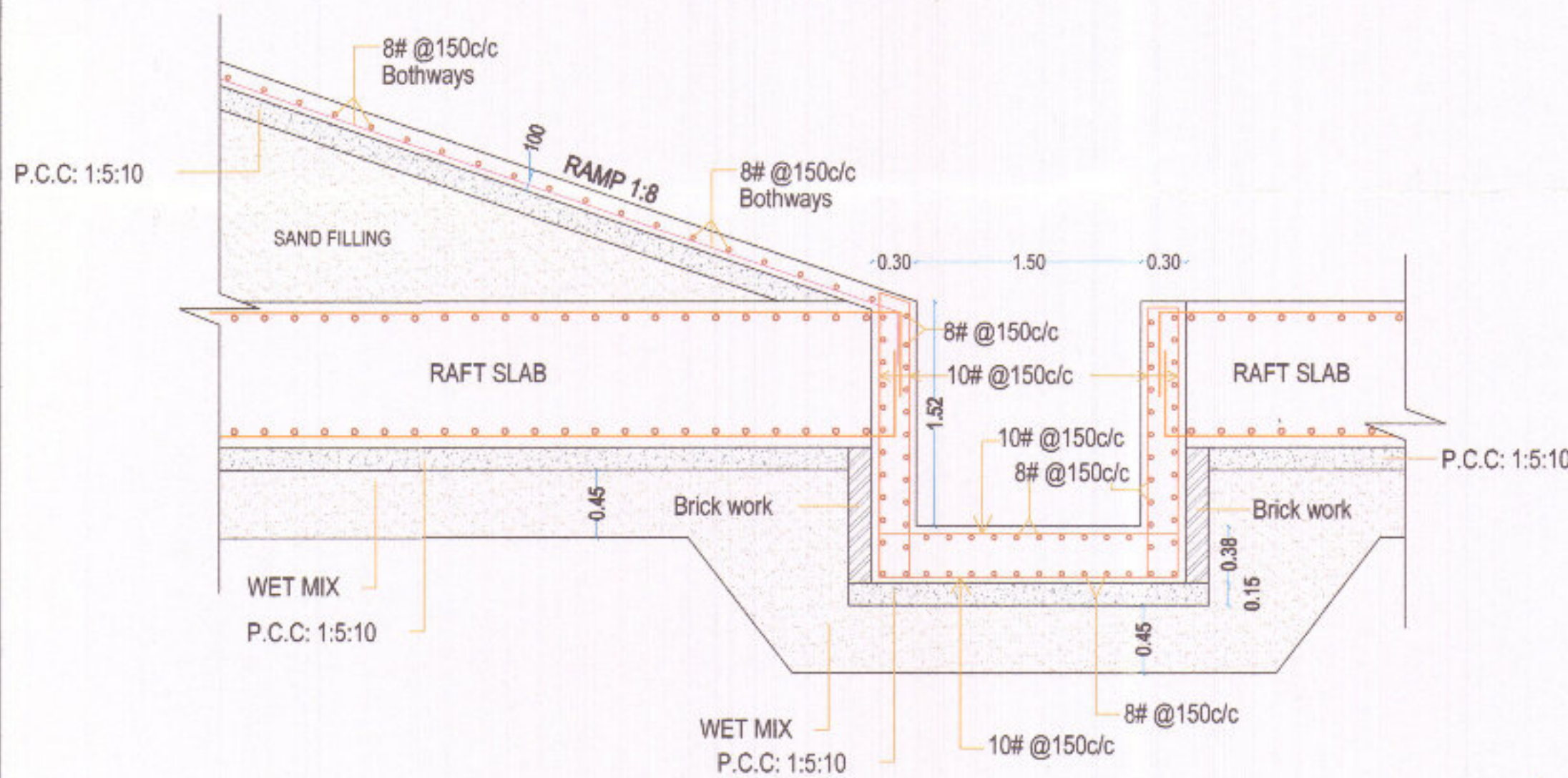
RETAINING WALL --- SECTION A-A



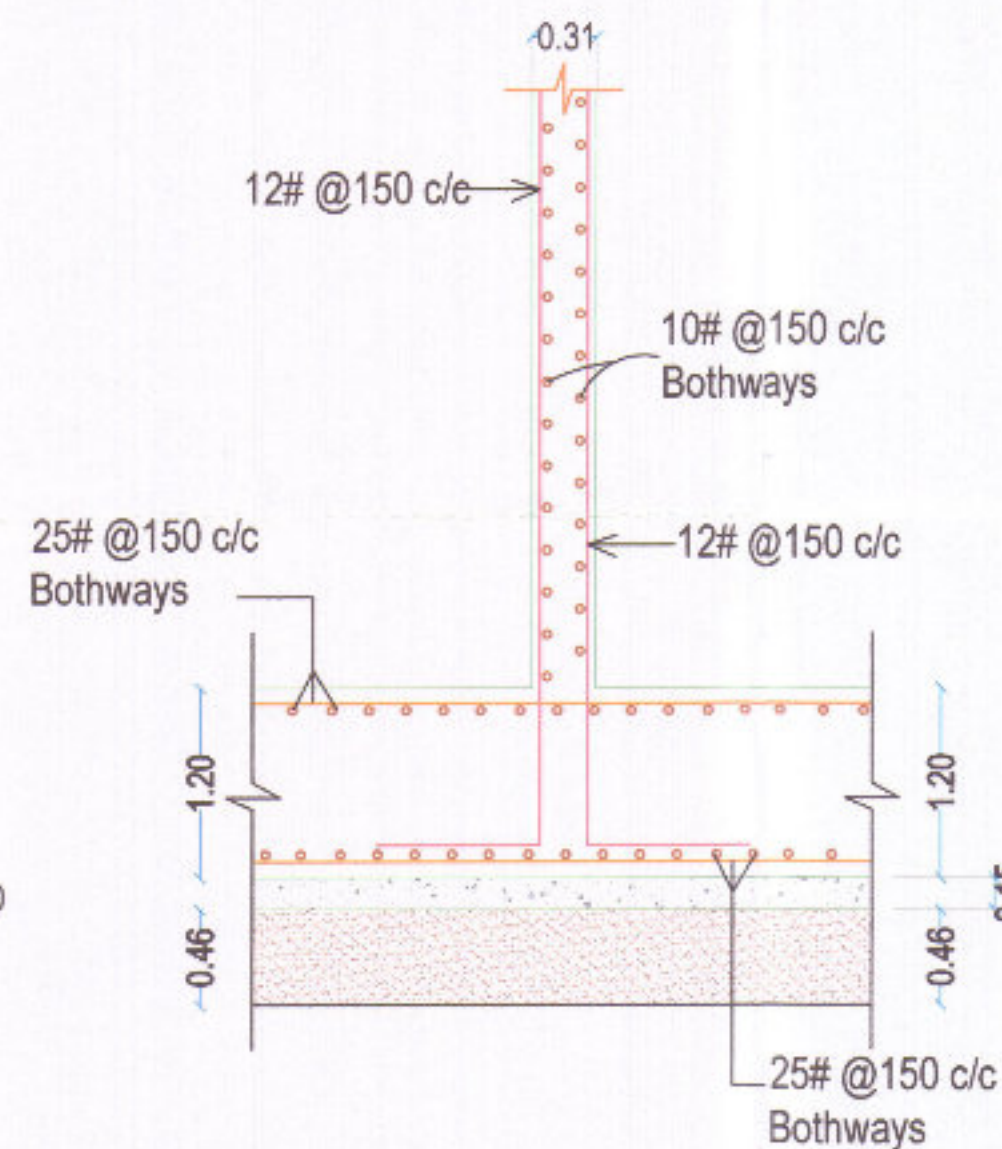
RETAINING WALL --- SECTION BB



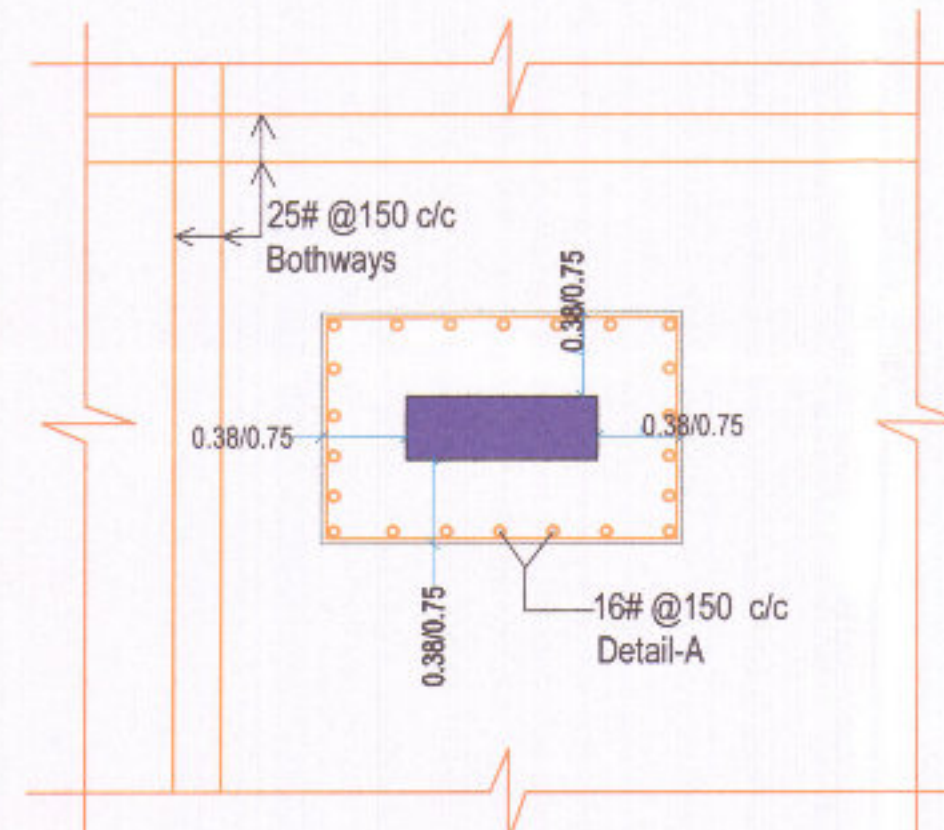
RETAINING WALL --- SECTION CC



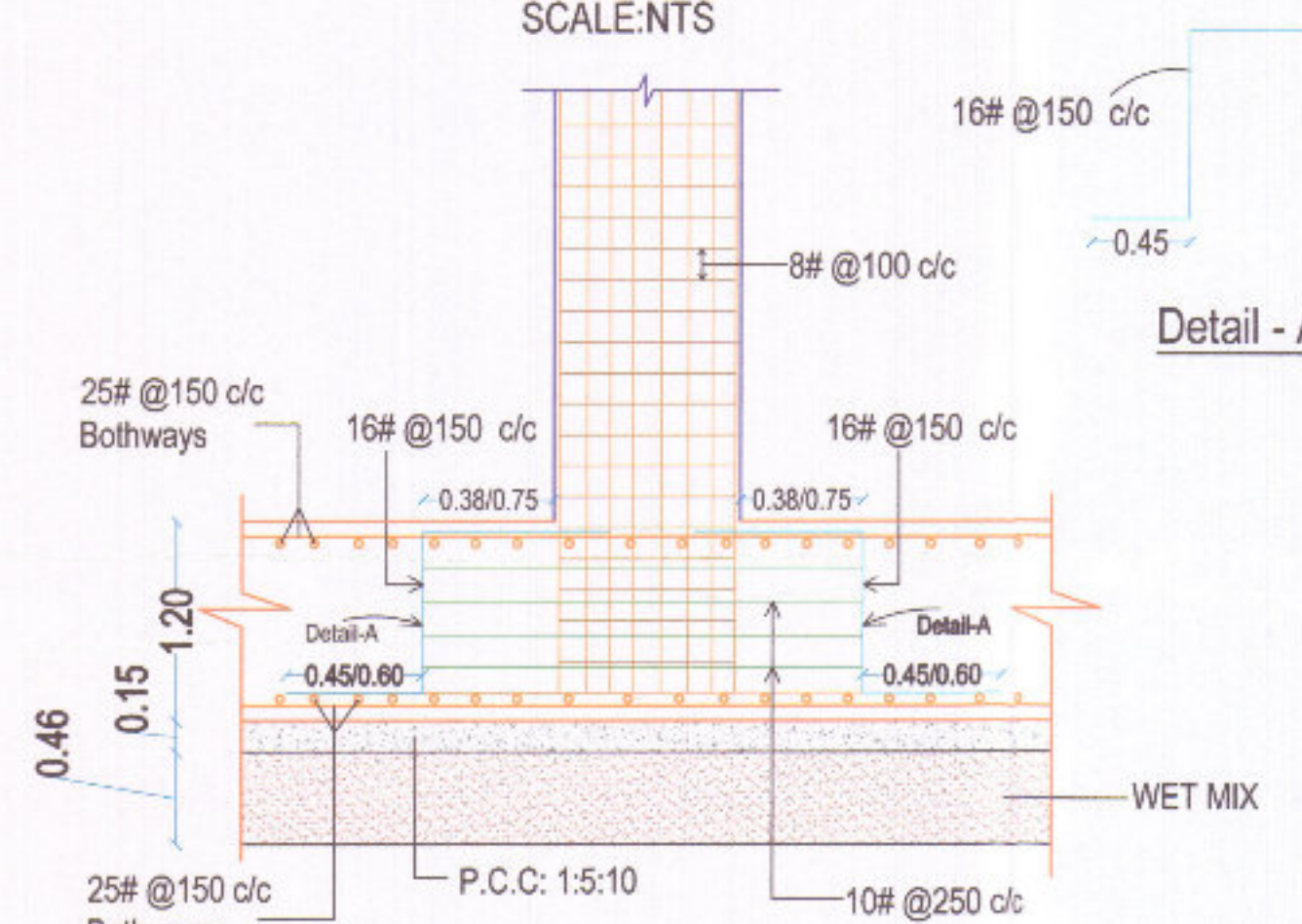
RAMP TYPICAL TRENCH SECTION
SCALE:NTS



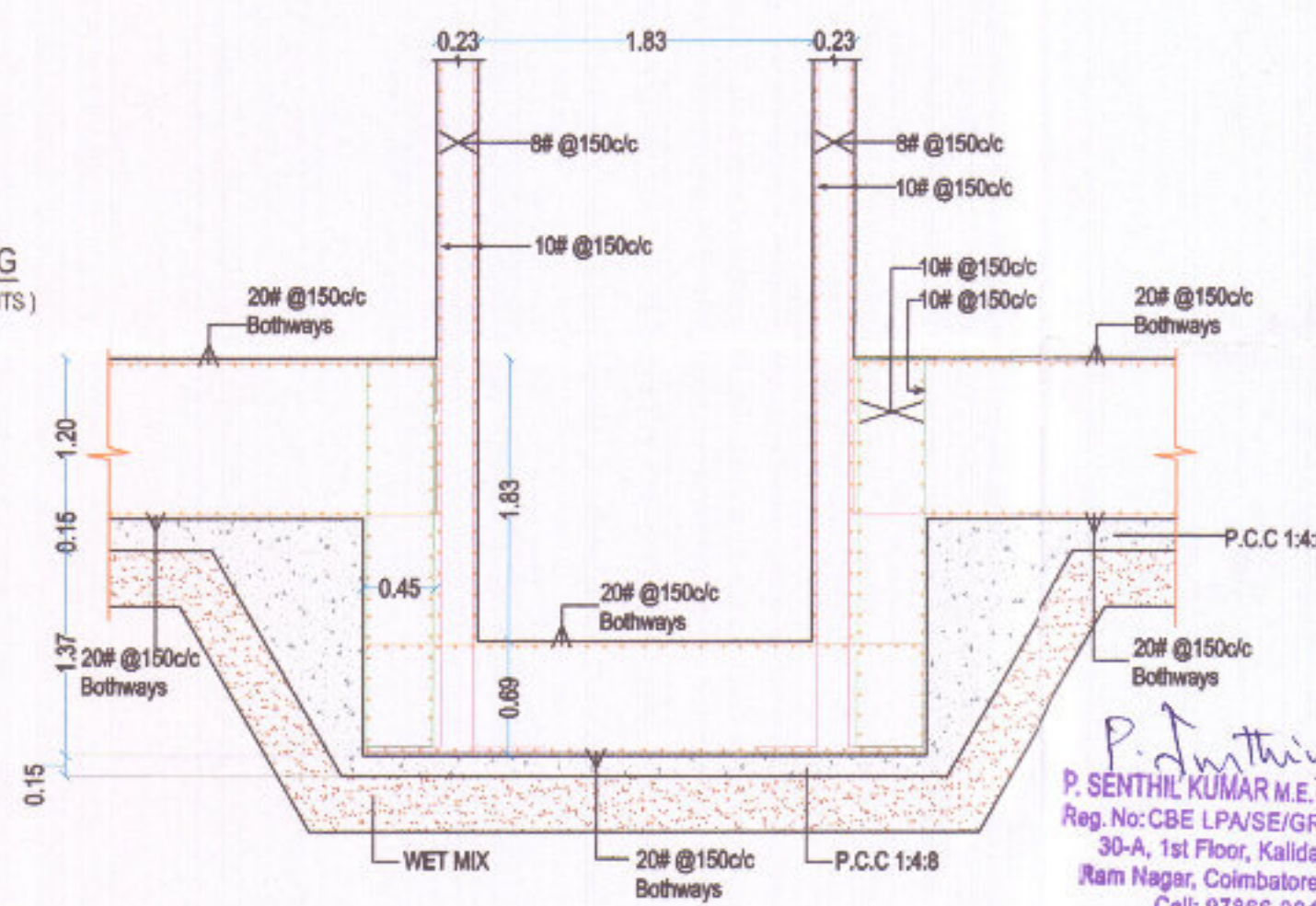
SHEAR WALL TYPICAL CROSS SECTION
SECTION - YY



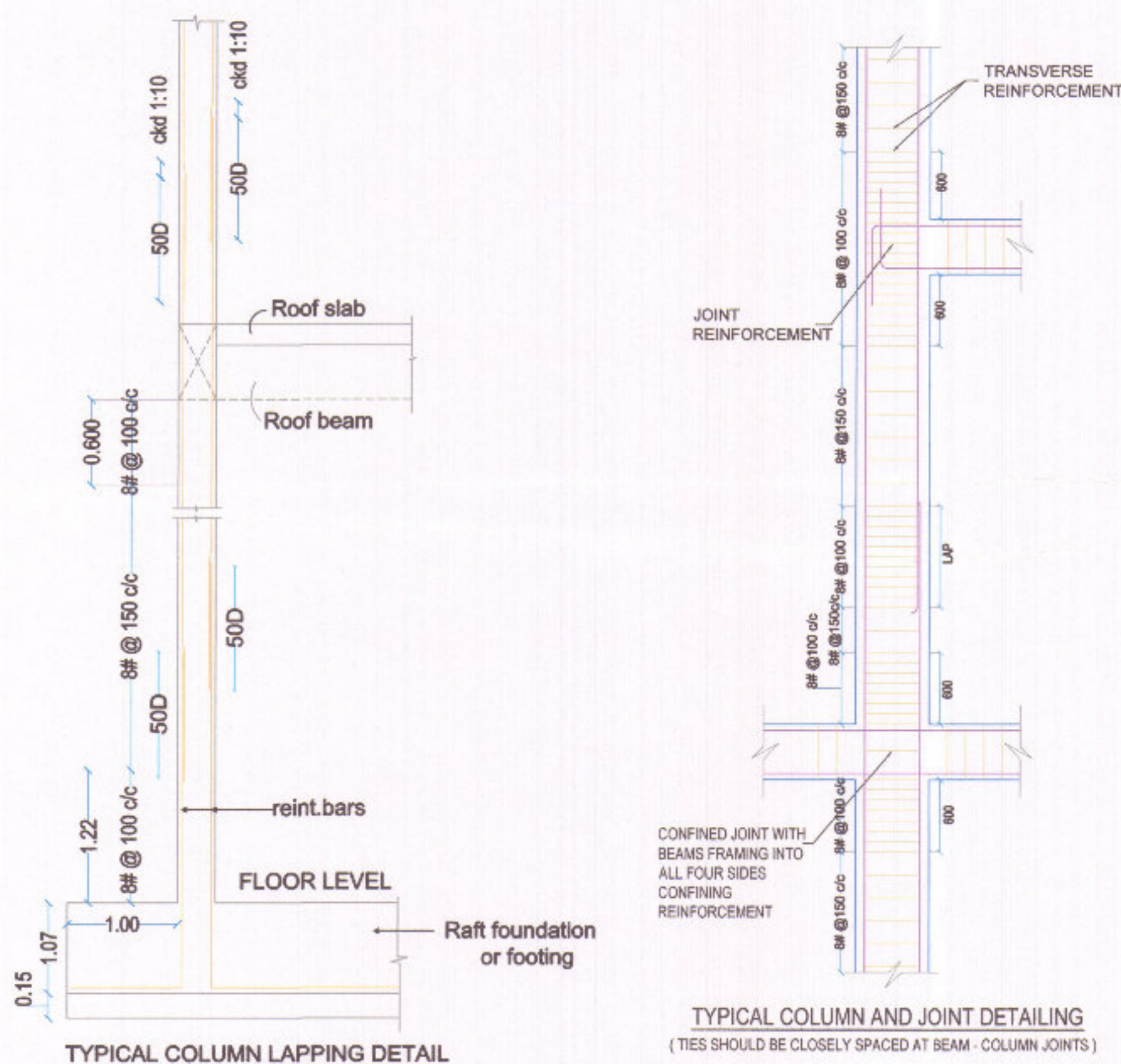
BASE PLAN
SCALE:NTS



TYPICAL COLUMN SECTION
SCALE:NTS



LIFT PIT---SECTION - XX



TYPICAL COLUMN LAPPING DETAIL

TYPICAL COLUMN AND JOINT DETAILING
(TIES SHOULD BE CLOSELY SPACED AT BEAM - COLUMN JOINTS)

M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

*** Use concrete mix M30 for Raft slab and M40 for column shaft.
*** Use proper sheet pile should be provided before execution of basement concrete & raft foundation to avoid sliding of soil.

- 1) Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
- 2) Cranking of column bars should not exceed a slope 1 in 10
- 3) All column splices shall be based on tension lap lengths

- Notes:**
- 1) This drawing should be read along with Architectural drawing.
 - 2) All centre line dimensions should be checked before marking with site measurement
 - 3) Foundation Designed For Basement 1 & 2, Stilt Plus Seven Floors
 - 4) The SBC of soil shall be taken at base of foundation is 360 kN/m²
- GENERAL NOTES:**
- 1) All dimensions are in foot and inches.
 - 2) Use concrete mix: Column - M40 Beam & Slab - M30
 - 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
 - 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
 - 5) Provide lap length 50D for Beam
 - 6) No admixtures shall be added without permission of consultant.
 - 7) Crank at L/4 of clear span
 - 8) Extra rod at top to a length of 0.3L of clear span from support
 - 9) ST - indicates Straight rod.
 - 10) CKD - indicates Cranked rod .
 - 11) # - Indicates TOR Steel
 - 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
 - 13) Structural Engineer's responsibility is limited to designing and issue of structural drawing only
 - 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date: 18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF NO: 294/1 Part & 294/2, NEW TS NO: 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

RETAINING WALL, RAMP & SHEAR WALL CROSS SECTION DETAILS

PROJECT CODE : APT 25-801-04

DWG NO : 804-01/SD/FD/004

REV NO & DATE : 0

FILE NAME :

PROMOTER:

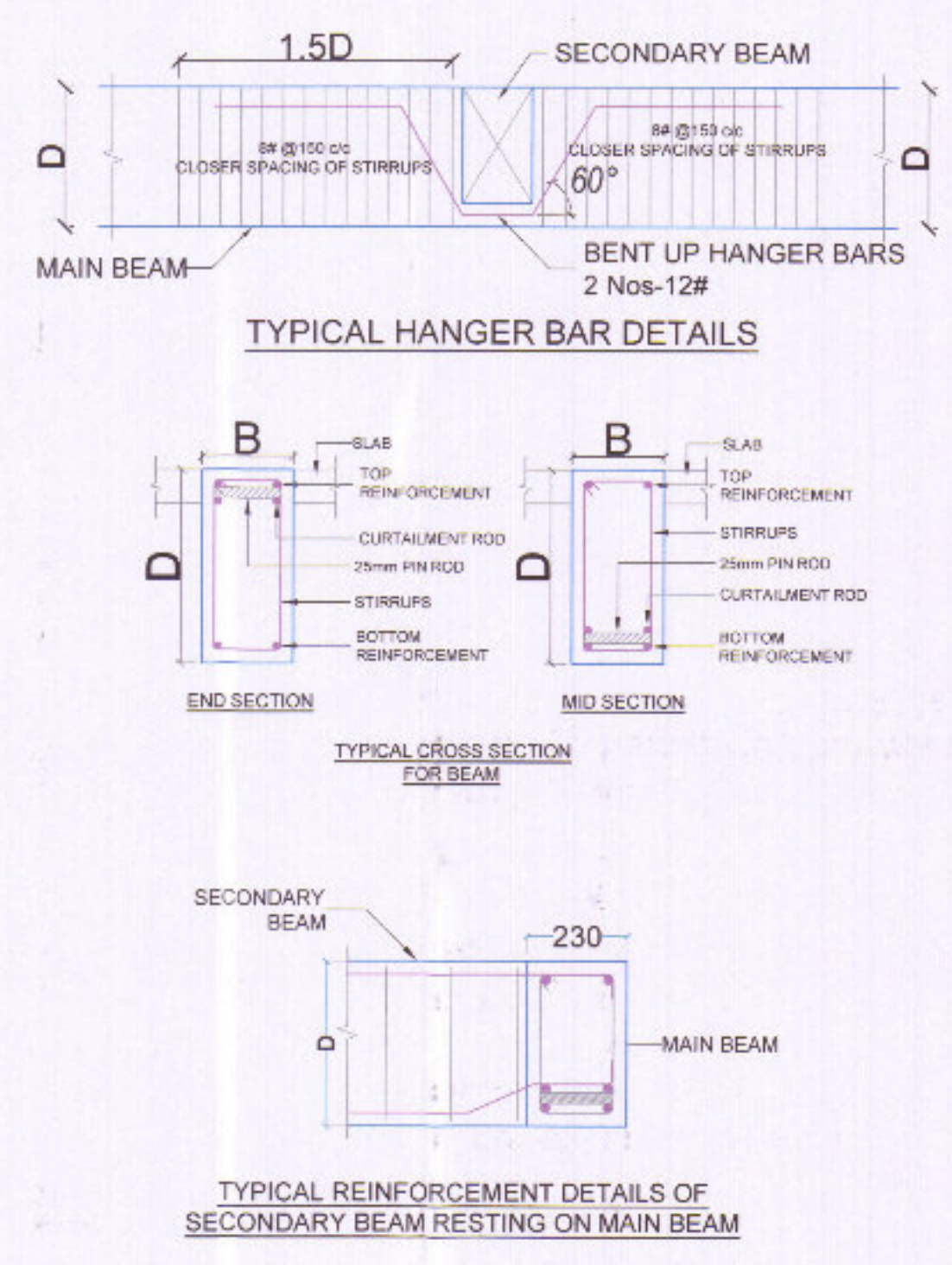
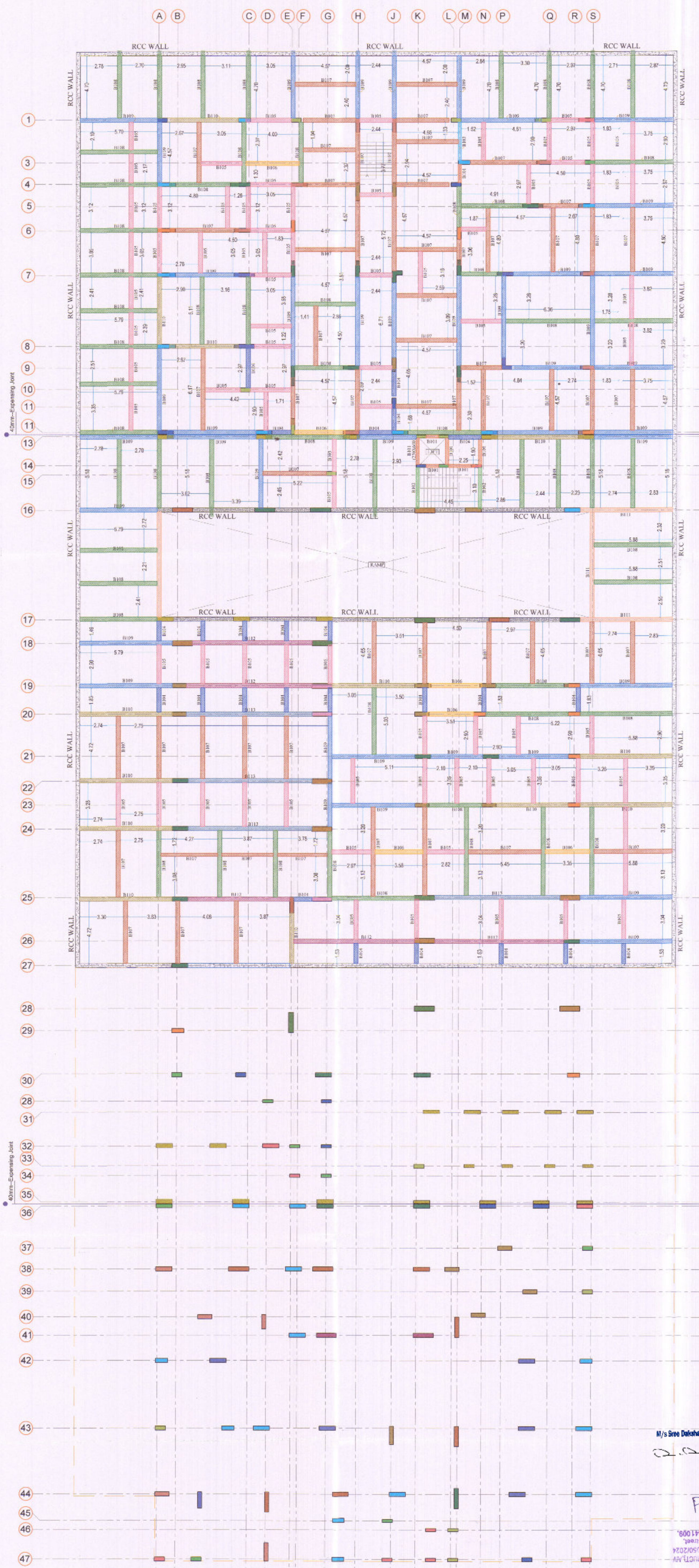
Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

P.SENTHILKUMAR, M.E., (Struct)

THE DESIGN ONE

Civil and Structural Consultancy,
30-A, 1st floor, Kalidas road, Ramnagar,
Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478



- Notes:
- 1) This drawing should be read along with Architectural drawing.
- GENERAL NOTES:**
- 1) All dimensions are in meters & millimeters
 - 2) Use concrete mix: Column -M40
Beam & Slab - M30
 - 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
 - 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
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Date:18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2,STILT,FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF NO: 294/1Part & 294/2, NEW TS NO:18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCH VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

**BASEMENT FLOOR-2
ROOF BEAM KEY PLAN**

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/101

REV NO & DATE : 0

FILE NAME :

PROMOTER:

Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

P.SENTHILKUMAR,M.E.,(Struct)

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E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

BASEMENT FLOOR - 1 ROOF BEAM SECTION DETAILS

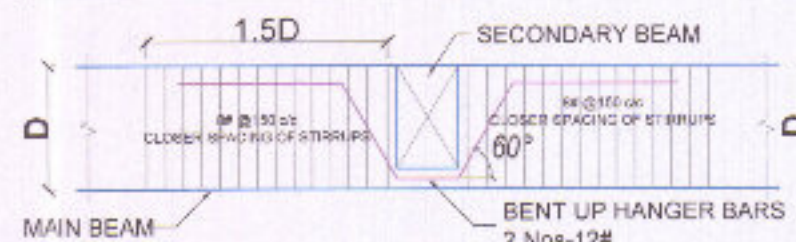
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
B101 (230 X 375)				
B102 (230 X 375)				
B103 (230 X 375)				
B104 (300 X 375)				
B105 (300 X 375)				
B106 (300 X 450)				
B107 (300 X 450)				
B108 (300 X 525)				
B109 (300 X 600)				
B110 (300 X 675)				
B111 (300 X 675)				
B112 (230 X 675)				
B113 (230 X 750)				

SLAB REINFORCEMENT DETAILS

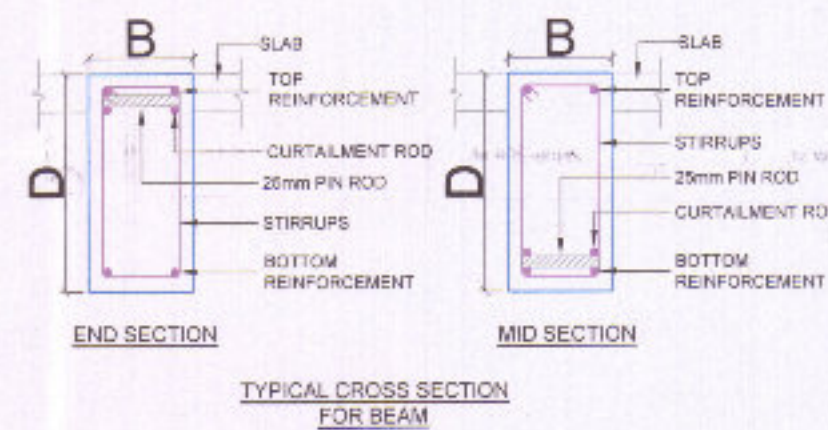
Slab Code	Main Reinforcement	Distributor Reinforcement	Extra 0.3L at Top	Thickness mm
ONE WAY SLAB				
S-1	10# @125 c/c	8# @230 c/c	8# @300 c/c	150
S-2	8# @125 c/c	8# @230 c/c	8# @300 c/c	150
TWO WAY SLAB				
S-3	10# @125 c/c	10# @150 c/c	10# @250 /300 c/c	150
S-4	10# @125 c/c	10# @125 c/c	10# @250 c/c	150
S-5	8# @125 c/c	8# @125 c/c	8# @250 c/c	150

SLAB KEY PLAN NOTES:

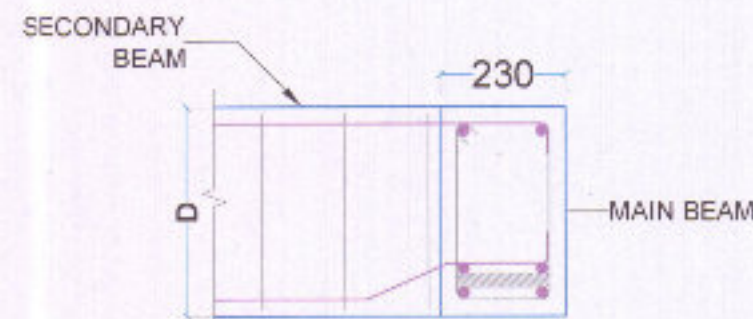
- INDICATES BOTTOM BAR
- INDICATES TOP BAR
- PROVIDE 8# @250mm c/c FOR DISTRIBUTION BARS, IF NOT SHOWN
- INDICATES DIRECTION OF ONE WAY SLAB MAIN ROD
- INDICATES TWO WAY SLAB AND DIRECTION OF MAIN ROD BOTHWAYS
- INDICATES SLAB SUNKEN BY 230 mm
- INDICATES SLAB SUNKEN BY 150 mm
- INDICATES SLAB SUNKEN BY 75 mm



TYPICAL HANGER BAR DETAILS



TYPICAL CROSS SECTION FOR BEAM



TYPICAL REINFORCEMENT DETAILS OF SECONDARY BEAM RESTING ON MAIN BEAM

Note:

- Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
- Cranking of column bars should not exceed a slope 1 in 10
- All column splices shall be based on tension lap lengths

M/s Sree Daksha Infrastructure Private Limited

[Signature]
DIRECTOR

P. Senthil Kumar
P. SENTHIL KUMAR M.E.(STRUCT), AN
Reg. No: CBE LPA/SE/IGR-I/050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009
Cell: 97866 00478

Notes:

- This drawing should be read along with Architectural drawing.

GENERAL NOTES:

- All dimensions are in meters and millimeters
- Use concrete mix: Column -M40
Beam & Slab - M30
- The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
- Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
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- No admixtures shall be added without permission of consultant.
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Date:18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2 NEW TS.NO:18/4 &18/5, BLOCK--2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

BASEMENT-2 FLOOR ROOF BEAM SECTION AND SLAB DETAILS

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/103

REV NO & DATE : 0

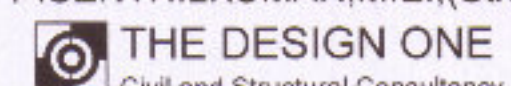
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PROMOTER:

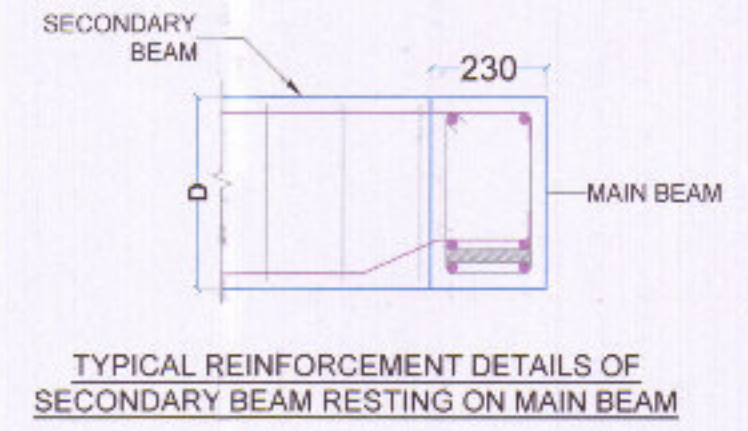
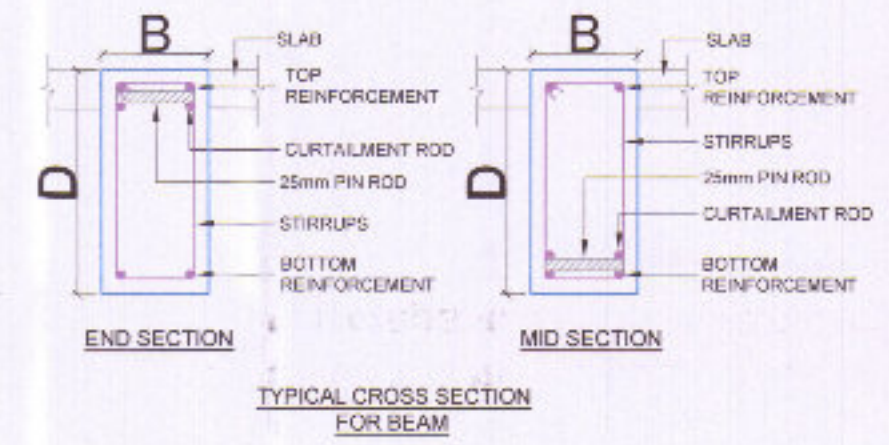
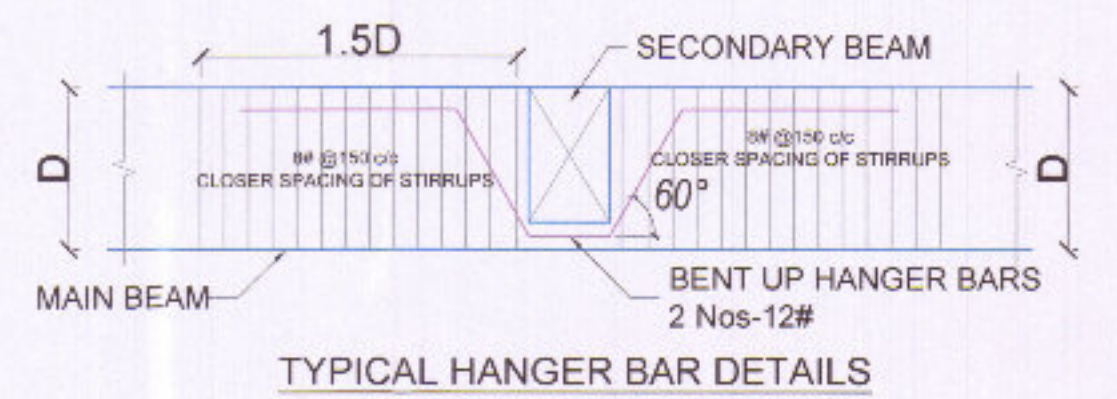


STRUCTURAL CONSULTANT

P. SENTHILKUMAR, M.E., (Struct)



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30-A, First floor, Kalidas road, Ramnagar,
Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478



Notes:

- 1) This drawing should be read along with Architectural drawing.

GENERAL NOTES:

- 1) All dimensions are in meters & millimeters
- 2) Use concrete mix: Column - M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
- 5) Provide lap length 50D for Beam
- 6) No admixtures shall be added without permission of consultant.
- 7) Crank at L/4 of clear span
- 8) Extra rod at top to a length of 0.3L of clear span from support
- 9) ST - indicates Straight rod.
- 10) CKD - indicates Cranked rod.
- 11) # - Indicates TOR Steel
- 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- 13) Structural Engineer's responsibility is limited to designing and issuance of structural drawing only
- 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date: 18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2 STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF. NO. 294/1 Part & 294/2, NEW TS. NO. 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

**BASEMENT FLOOR-2
ROOF SLAB KEY PLAN**

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

FILE NAME :

PROMOTER:



Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

P. SENTHILKUMAR, M.E., (Struct)



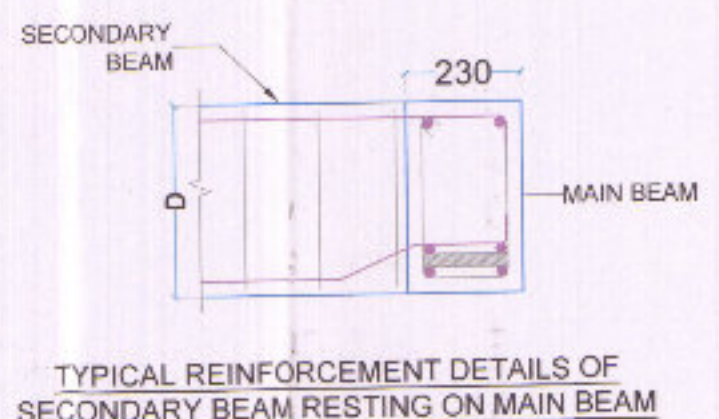
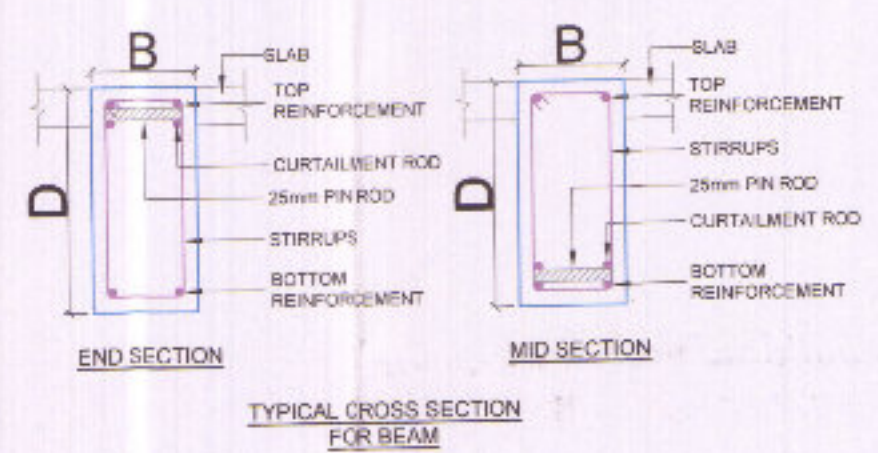
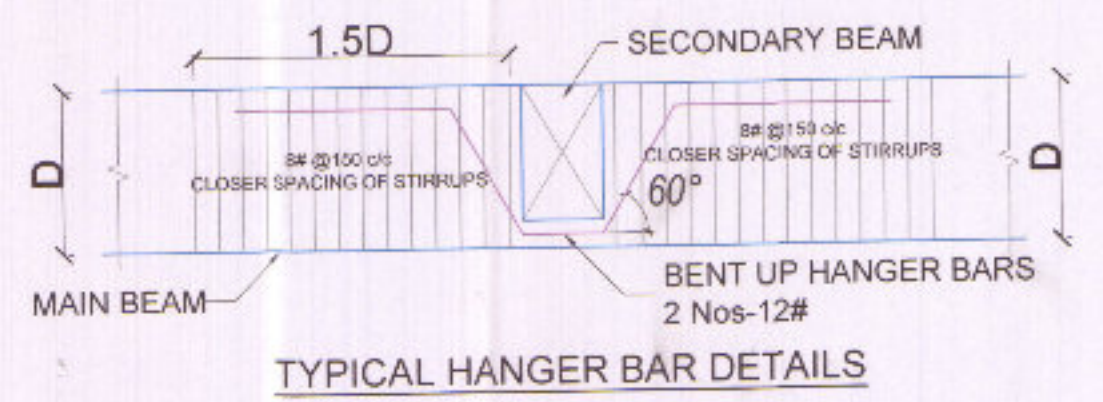
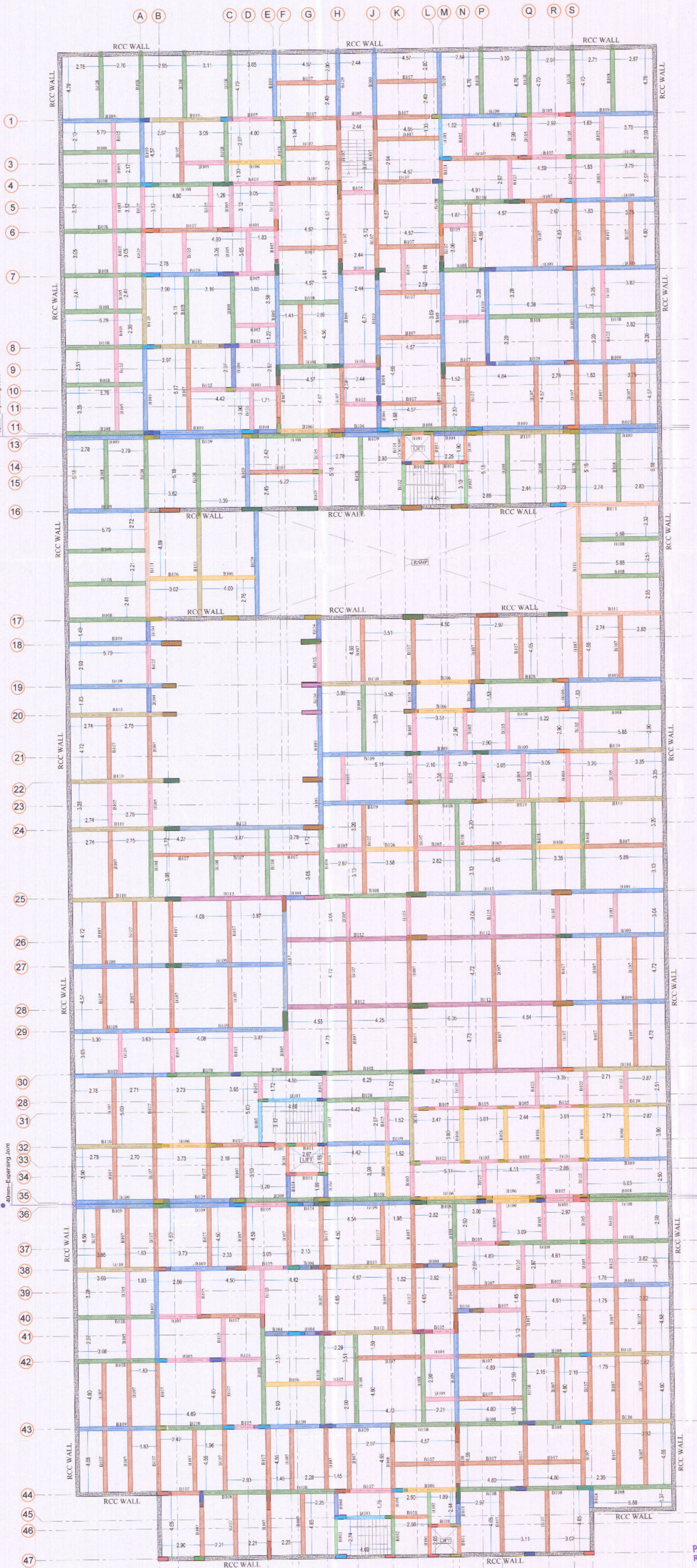
THE DESIGN ONE

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E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

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Reg. No: CBE LPA/SE/GR-1050/2024
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Ram Nagar, Coimbatore - 641 009.
Cell: 97866 00478



- Notes:**
- 1) This drawing should be read along with Architectural drawing.
- GENERAL NOTES:**
- 1) All dimensions are in meters & millimeters
 - 2) Use concrete mix: Column - M40
Beam & Slab - M30
 - 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
 - 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
 - 5) Provide lap length 50D for Beam
 - 6) No admixtures shall be added without permission of consultant.
 - 7) Crank at L/4 of clear span
 - 8) Extra rod at top to a length of 0.3L of clear span from support
 - 9) ST - indicates Straight rod.
 - 10) CKD- indicates Cranked rod.
 - 11) # - Indicates TOR Steel
 - 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
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 - 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date: 18/12/25
Scale: NTS
DRAWN BY : NK
CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR, BLOCK B - GROUND FLOOR IN OLD SF. NO: 294/1 Part & 294/2, NEW TS. NO: 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

**BASEMENT FLOOR-1
ROOF BEAM KEY PLAN**

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/101

REV NO & DATE : 0

FILE NAME :

PROMOTER:

Sree Daksha
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BASEMENT FLOOR - 1 ROOF BEAM SECTION DETAILS

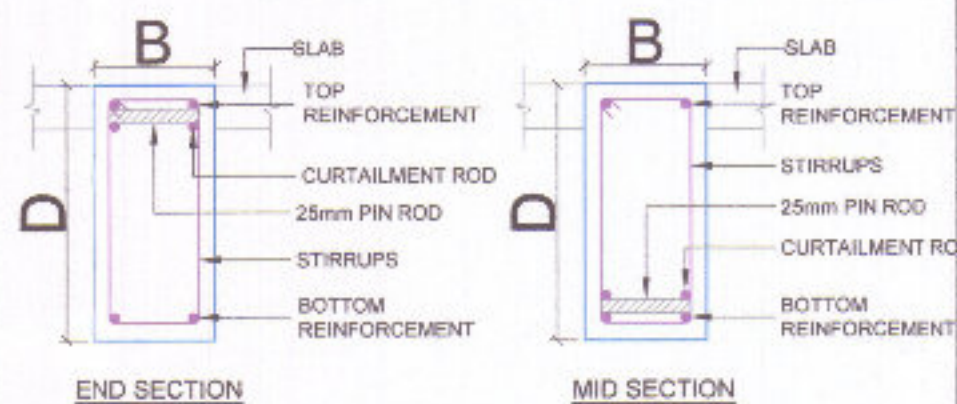
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
B101 (230 X 375)				
B102 (230 X 375)				
B103 (230 X 375)				
B104 (300 X 375)				
B105 (300 X 375)				
B106 (300 X 450)				
B107 (300 X 450)				
B108 (300 X 525)				
B109 (300 X 600)				
B110 (300 X 675)				
B111 (300 X 675)				
B112 (230 X 675)				
B113 (230 X 750)				

SLAB REINFORCEMENT DETAILS

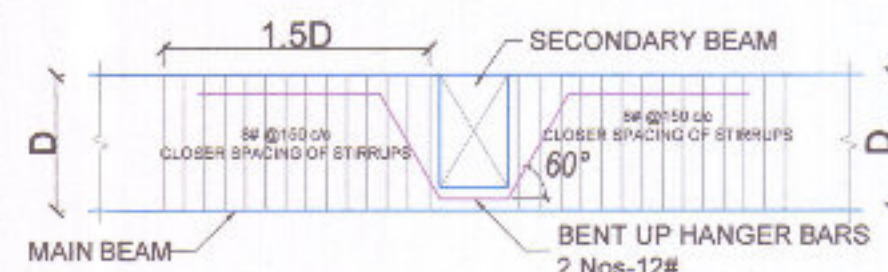
Slab Code	Main Reinforcement	Distributor Reinforcement	Extra 0.3L at Top	Thickness mm
ONE WAY SLAB				
S-1	10# @125c/c	8# @230c/c	8# @250*c/c	150
S-2	8# @125c/c	8# @230c/c	8# @250*c/c	150
TWO WAY SLAB				
S-3	10# @125c/c	10# @150c/c	10# @250/300c/c	150
S-4	10# @125c/c	10# @125c/c	10# @250c/c	150
S-5	8# @125c/c	8# @125c/c	8# @250c/c	150

SLAB KEY PLAN NOTES:

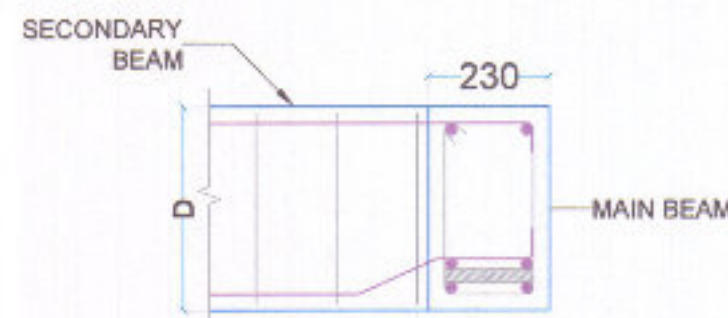
- INDICATES BOTTOM BAR
- INDICATES TOP BAR
- PROVIDE 8# @250mm c/c FOR DISTRIBUTION BARS, IF NOT SHOWN
- INDICATES DIRECTION OF ONE WAY SLAB MAIN ROD
- INDICATES TWO WAY SLAB AND DIRECTION OF MAIN ROD BOTHWAYS
- INDICATES SLAB SUNKEN BY 230 mm
- INDICATES SLAB SUNKEN BY 150 mm
- INDICATES SLAB SUNKEN BY 75 mm



TYPICAL CROSS SECTION FOR BEAM



TYPICAL HANGER BAR DETAILS



TYPICAL REINFORCEMENT DETAILS OF SECONDARY BEAM RESTING ON MAIN BEAM

Note:

- Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
- Cranking of column bars should not exceed a slope 1 in 10
- All column splices shall be based on tension lap lengths

Notes:

- This drawing should be read along with Architectural drawing.

GENERAL NOTES:

- All dimensions are in meters & millimeters
- Use concrete mix: Column -M40 Beam & Slab - M30
- The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
- Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
- Provide lap length 50D for Beam
- No admixtures shall be added without permission of consultant.
- Crank at L/4of clear span
- Extra rod at top to a length of 0.3L of clear span from support
- ST - indicates Straight rod.
- CKD- indicates Cranked rod .
- # - Indicates TOR Steel
- Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- Structural Engineer's responsibility is limited to designing and issual of structural drawing only
- Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date:18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&2,STILT,FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2 NEW TS.NO:16/4 &18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE , COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

BASEMENT-1 FLOOR ROOF BEAM SECTION AND SLAB DETAILS

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/103

REV NO & DATE : 0

FILE NAME :

PROMOTER:



Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

P.SENTHILKUMAR,M.E.,(Struct)



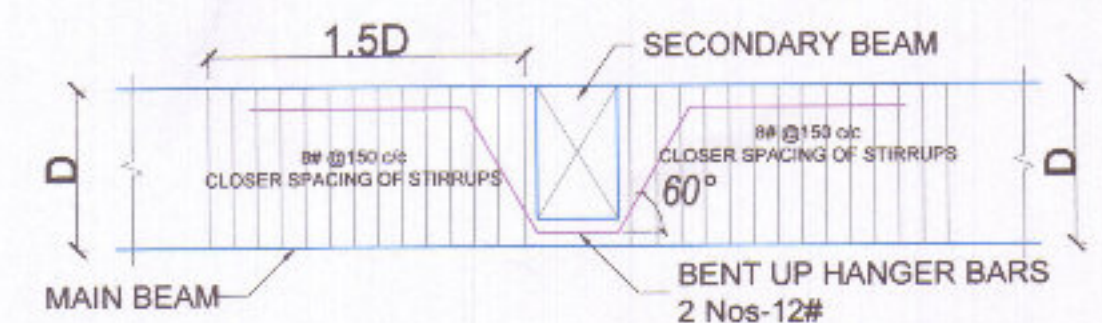
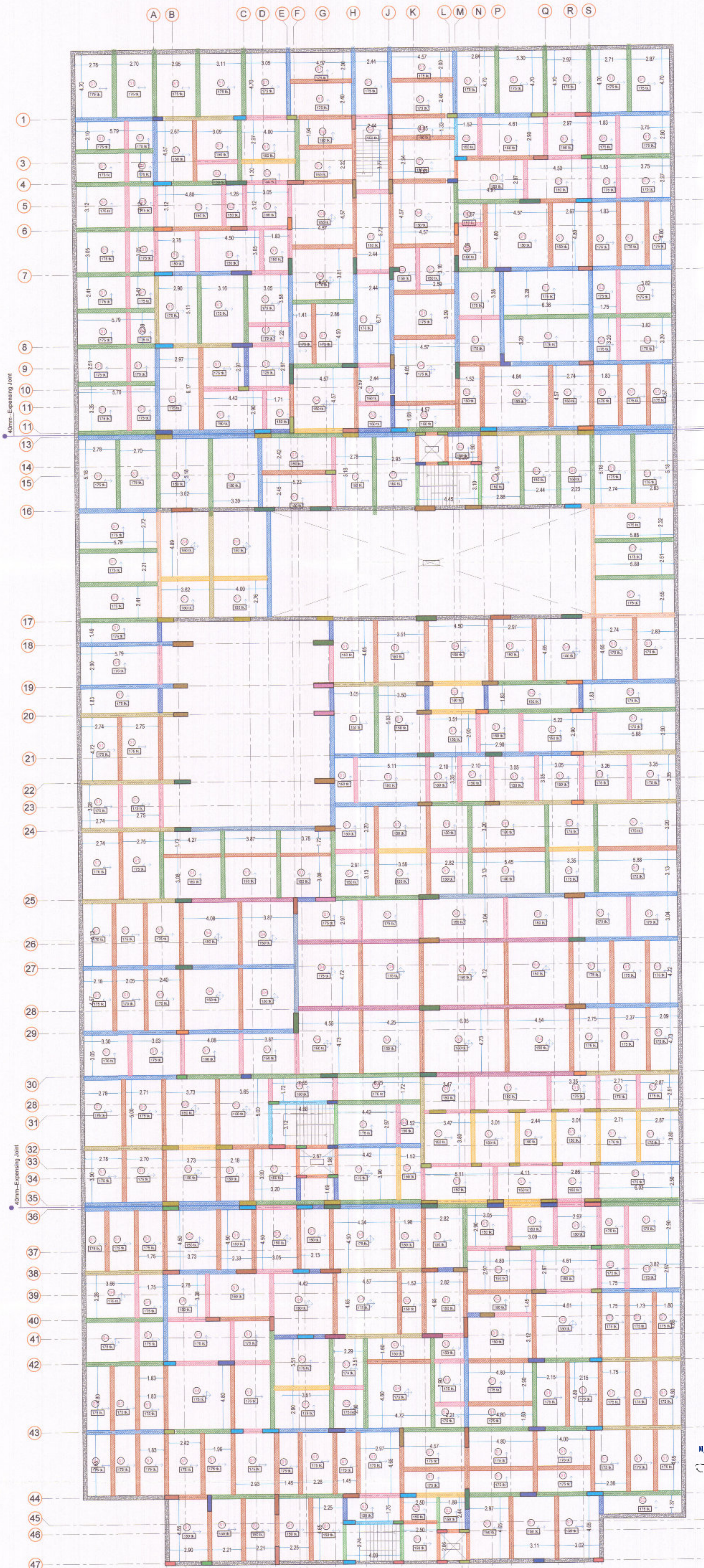
THE DESIGN ONE

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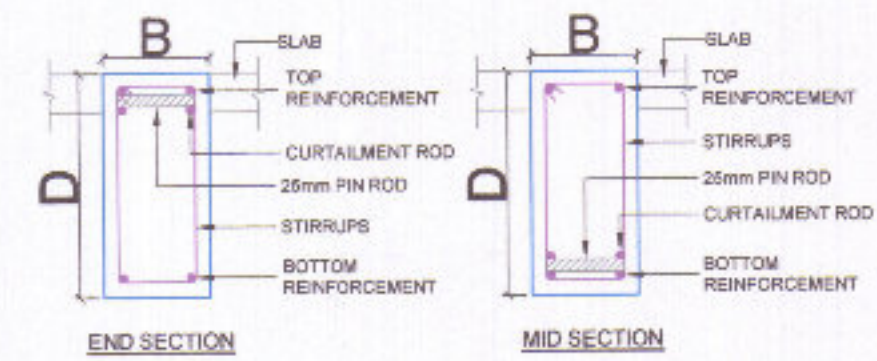
M/s Sree Daksha Infrastructure Private Limited

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Reg. No: CBE LPA/SE/GR-I/050/2014
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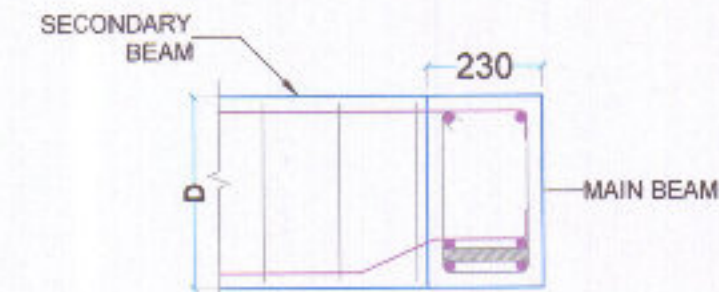
DIRECTOR



TYPICAL HANGER BAR DETAILS



TYPICAL CROSS SECTION FOR BEAM



TYPICAL REINFORCEMENT DETAILS OF SECONDARY BEAM RESTING ON MAIN BEAM

Notes:

- 1) This drawing should be read along with Architectural drawing.

GENERAL NOTES:

- 1) All dimensions are in meters & millimeters
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Date:18/12/25

Scale: NTS

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PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2, NEW TS.NO:18/4 &18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE , COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

BASEMENT FLOOR-1
ROOF SLAB KEY PLAN

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

FILE NAME :

PROMOTER:



STRUCTURAL CONSULTANT

P.SENTHILKUMAR,M.E.,(Struct)

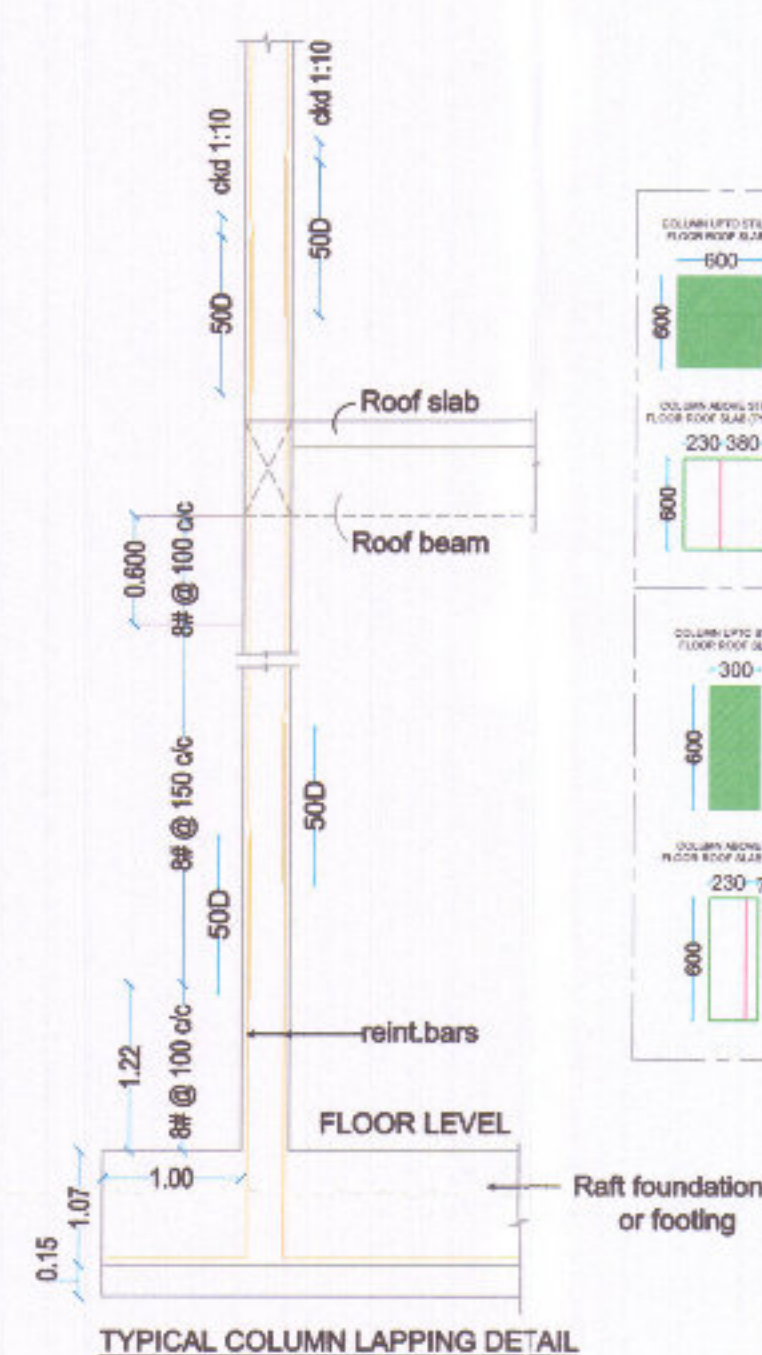
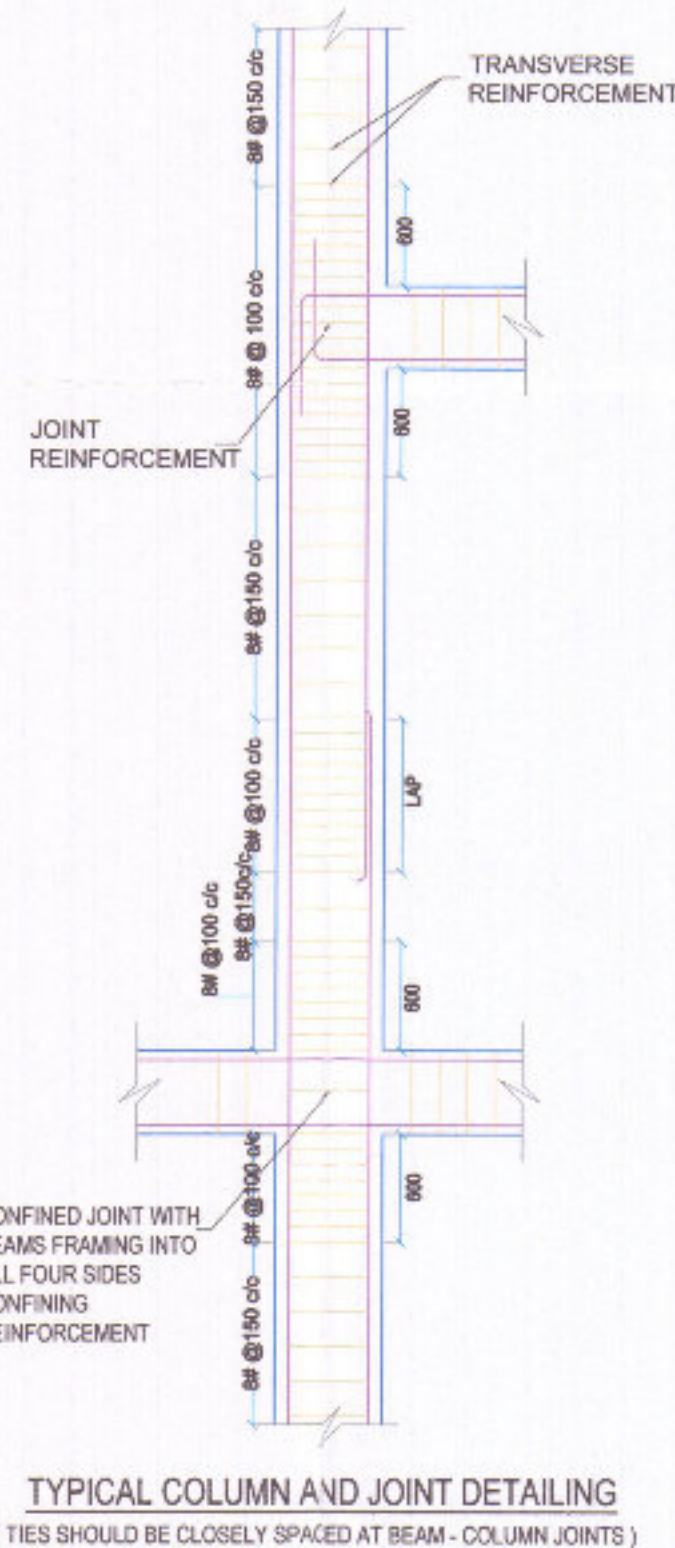
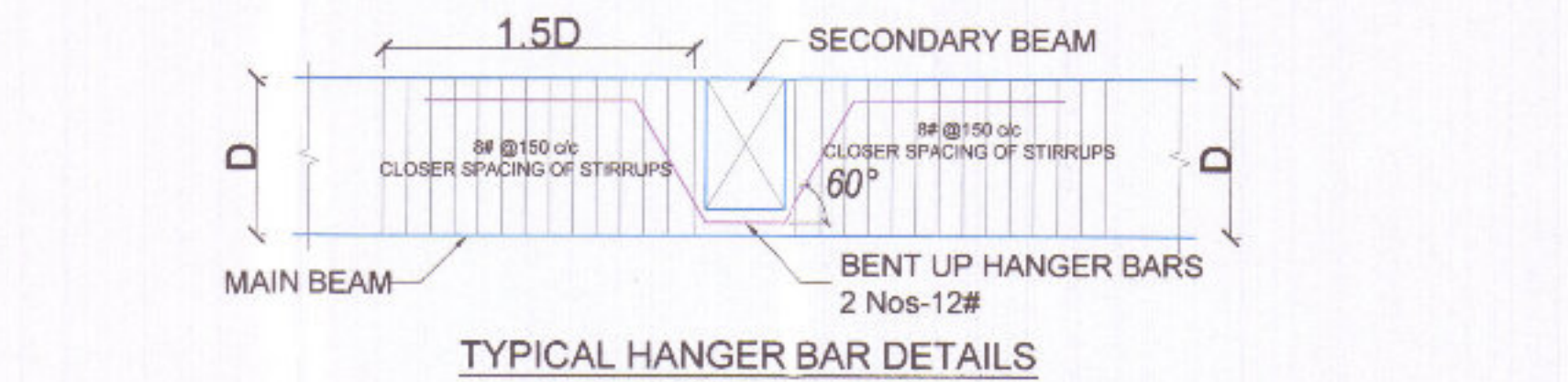
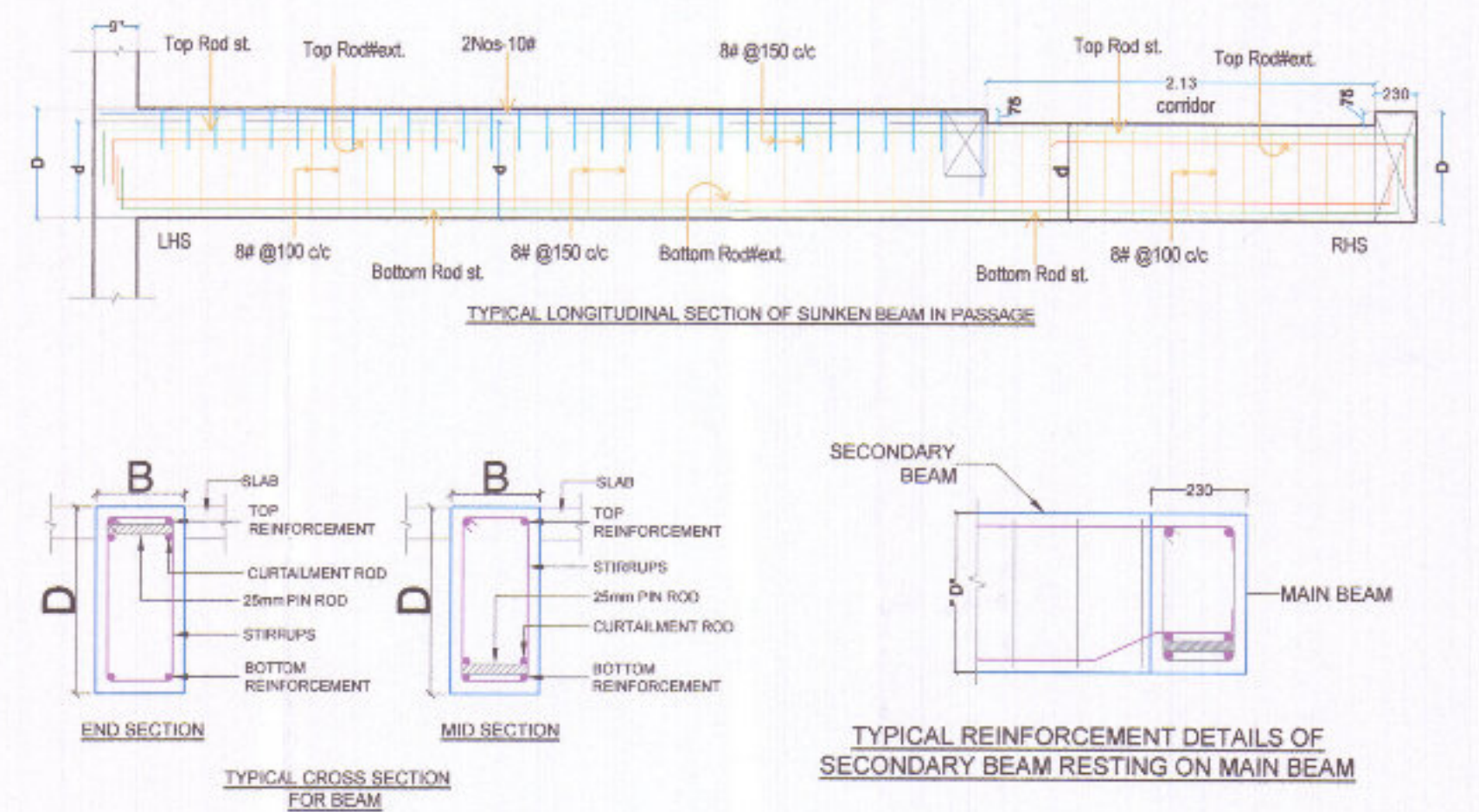
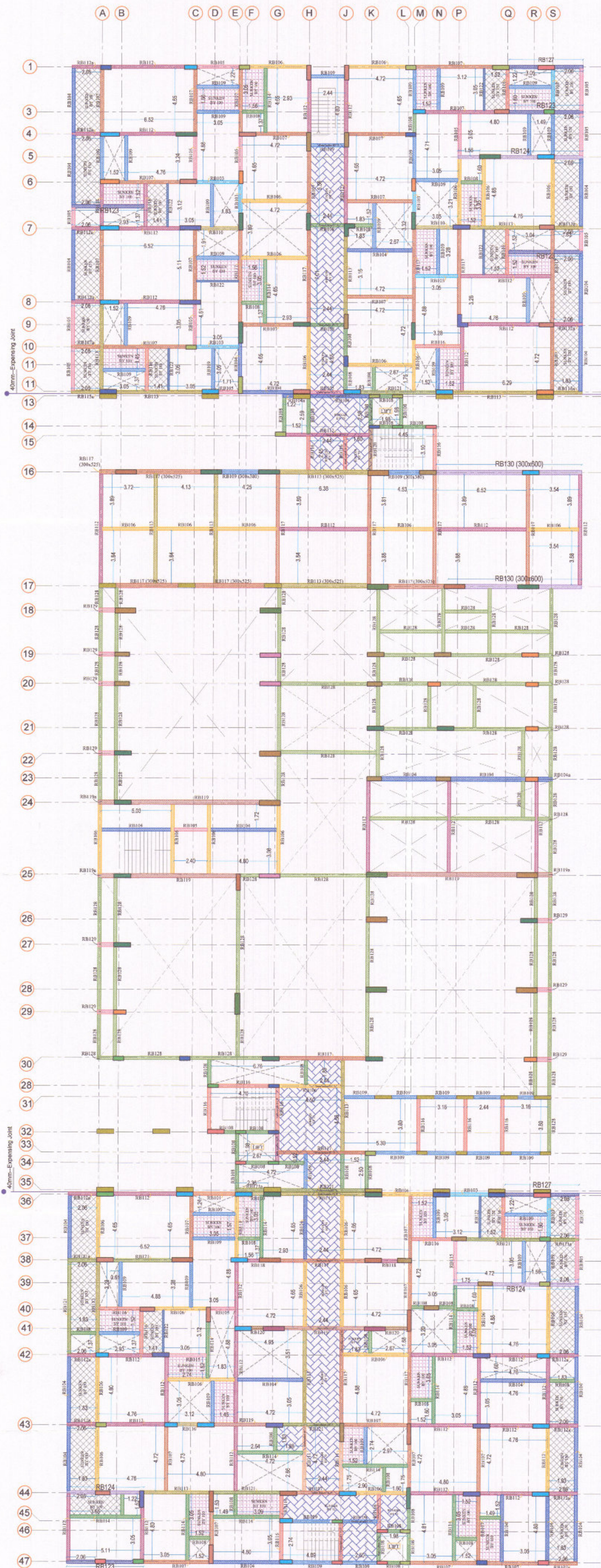
THE DESIGN ONE

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M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

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Reg. No: CBE LPA/SE/GR-1/050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641009.
Cell: 97866 00478



GENERAL NOTES:

- 1) All dimensions are in meter & millimeters
- 2) Use concrete mix: Column - M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
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	Date: 18/12/25
	Scale: NTS
	DRAWN BY : NK
	CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT - 1&2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF. NO: 294/1 Part & 294/2, NEW TS. NO: 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

STILT FLOOR ROOF ROOF BEAM KEY PLAN

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

FILE NAME :

PROMOTER:



STRUCTURAL CONSULTANT

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M/s Sree Daksha Infrastructure Private Limited

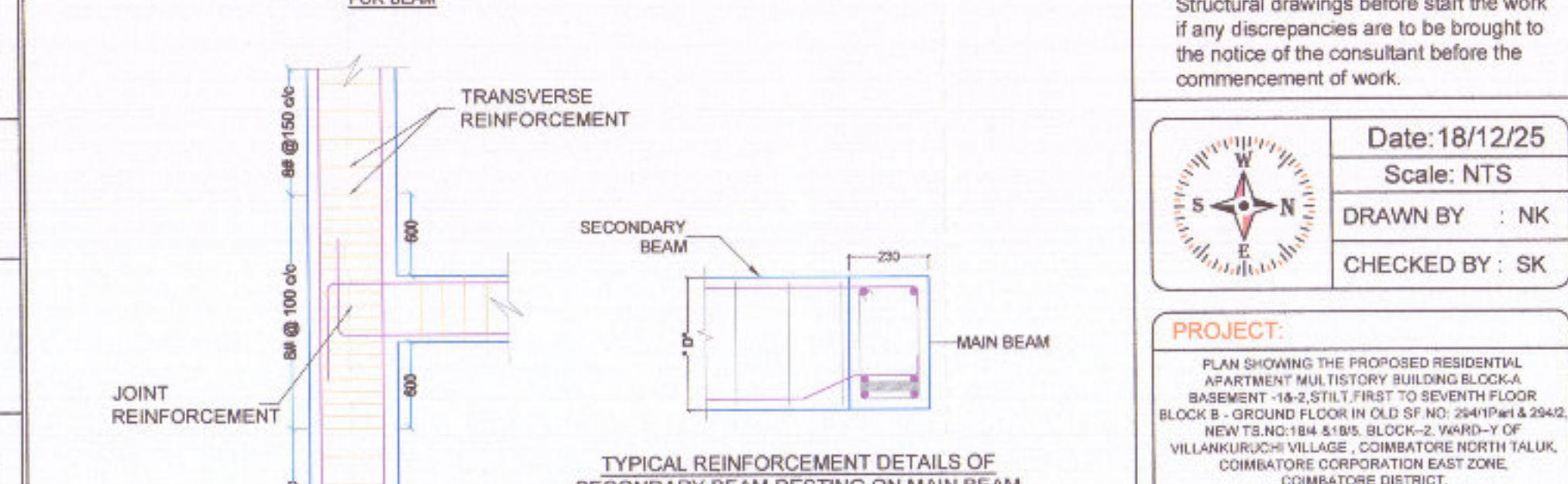
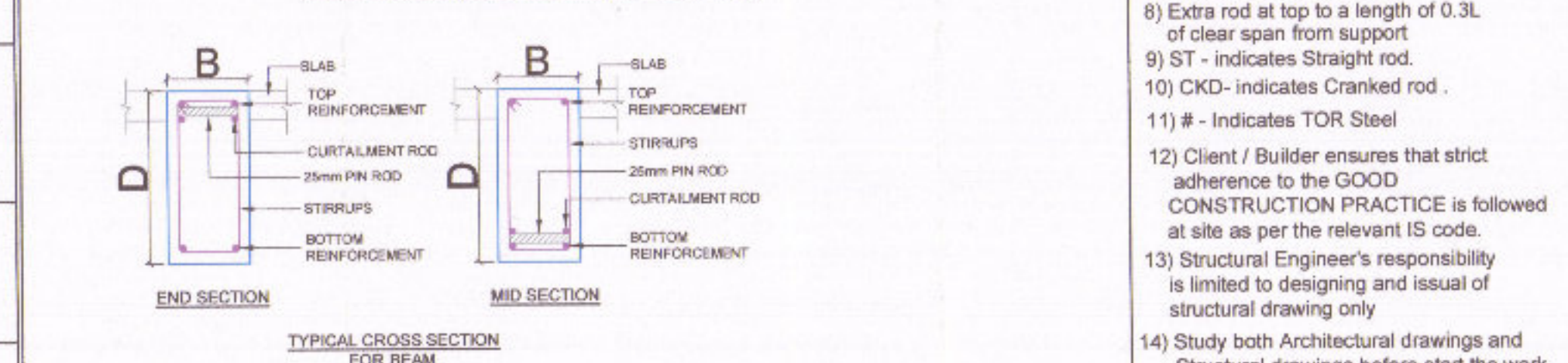
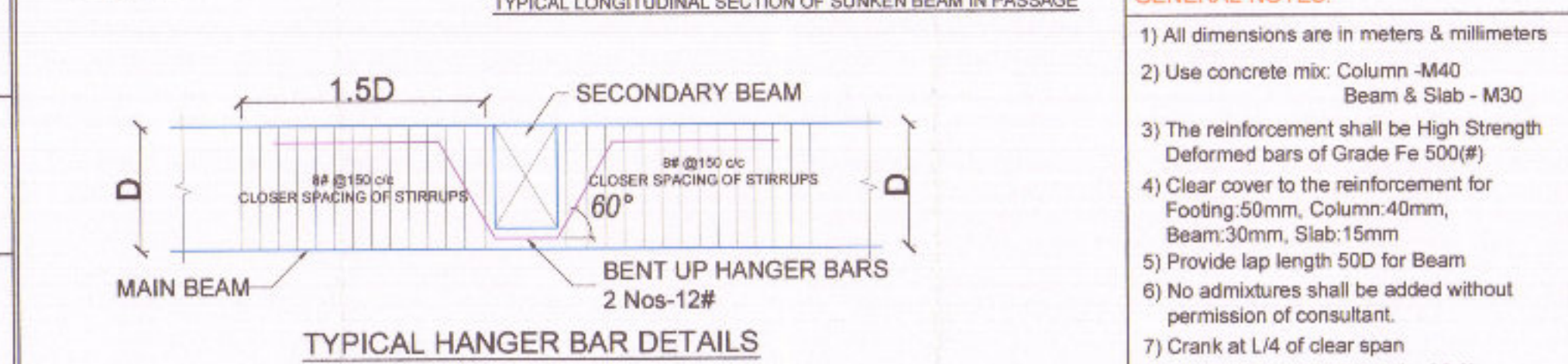
Director

P. Senthil Kumar
P. SENTHILKUMAR, M.E. (STRUCT), AV
Reg. No: CBE LP/SE/GR-1050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009.
Cell: 97866 00478

- Note:
- 1) Not more than 50% of column bars should be spliced at one section (i.e. alternate bars are to be lapped at different sections)
 - 2) Cranking of column bars should not exceed a slope 1 in 10
 - 3) All column splices shall be based on tension lap lengths

STILT FLOOR ROOF BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB101 (230X450)				
RB102 (230X450)				
RB103 (230X450)				
RB104 (230X450)				
RB105 (230X450)				
RB106 (230X450)				
RB107 (230X450)				
RB108 (230X375)				
RB109 (230X375)				
RB110 (230X450)				
RB111 (230X450)				
RB112 (230X525)				
RB113 (230X525)				
RB114 (230X375)				
RB115 (230X375)				
RB116 (230X375)				

STILT FLOOR ROOF BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB117 (230X525)				
RB118 (230X525)				
RB119 (230X525)				
RB120 (230X525)				
RB121 (230X525)				
RB122 (115X375)				
RB123 (230X450)				
RB124 (230X450)				
RB125 (115X450)				
RB126 (230X450)				
RB127 (230X450)				
RB128 (230X450)				
RB129 (230X450)				
RB130 (230X525)				



GENERAL NOTES:

- 1) All dimensions are in meters & millimeters
- 2) Use concrete mix: Column - M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
- 5) Provide lap length 50D for Beam
- 6) No admixtures shall be added without permission of consultant.
- 7) Crank at L/4 of clear span
- 8) Extra rod at top to a length of 0.3L of clear span from support
- 9) ST - indicates Straight rod.
- 10) CKD - indicates Cranked rod.
- 11) # - Indicates TOR Steel
- 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- 13) Structural Engineer's responsibility is limited to designing and issuance of structural drawing only
- 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.

PROJECT:
PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF NO: 2541Part & 2542, NEW TS.NO:184 & 185, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:
STILT FLOOR ROOF BEAM SECTION DETAILS

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

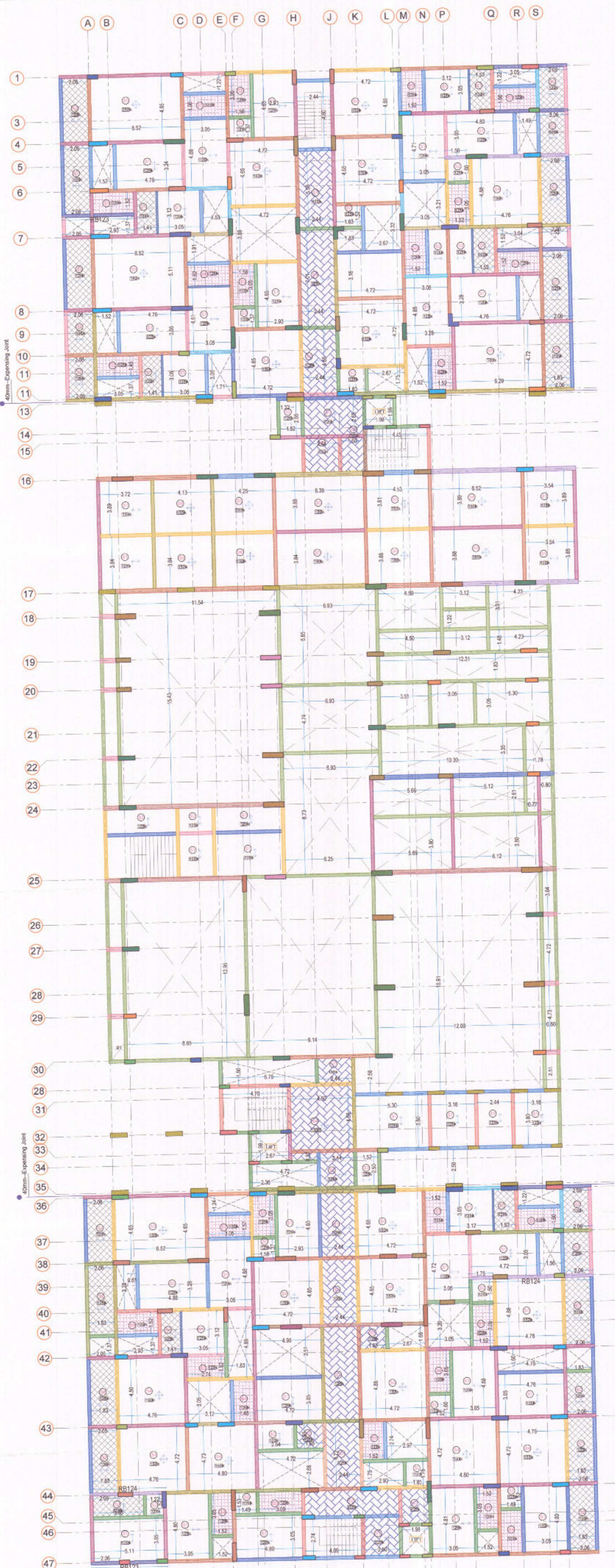
FILE NAME :

PROMOTER:
Sree Daksha Infrastructure Private Limited

STRUCTURAL CONSULTANT:
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DATE: 18/12/25
SCALE: NTS
DRAWN BY : NK
CHECKED BY : SK

CONFIDENTIALITY:
P. SENTHIL KUMAR M.E.(STRUCT).AN
Reg. No: CBE LPA/SE/GR-1/05012024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009,
Cell: 97866 00478



SLAB REINFORCEMENT DETAILS				
Slab Code	Main Reinforcement	Distributor Reinforcement	Extra 0.3L at Top	Thickness mm
ONE WAY SLAB				
S-1	10# @150c/c	8# @250 c/c	8# @300 c/c	125
S-2	8# @150c/c	8# @250 c/c	8# @300 c/c	125
SUNKEN SLAB				
S-3	8# @175 c/c Top & Bottom	8# @175 c/c Top & Bottom	-	125
TWO WAY SLAB				
S-4	10# @150c/c	10# @150c/c	10# @300 c/c	150
S-5	12# @150c/c	10# @150c/c	10# / 12# @300 c/c	150
S-6	8# @150c/c	8# @150c/c	8# @300 c/c	150
S-7	10# @175 c/c	8# @175 c/c	10# @350 c/c	150

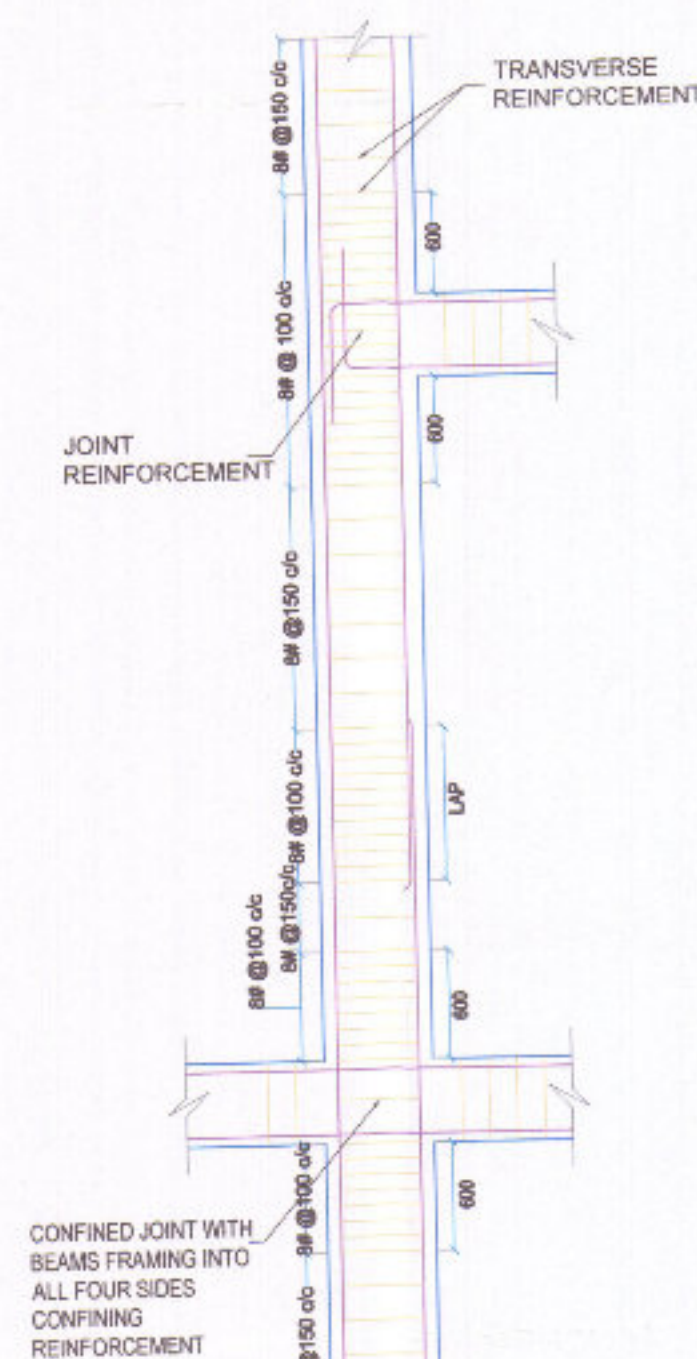
SLAB KEY PLAN NOTES:

1. ——— - INDICATES BOTTOM BAR
2. - - - - - INDICATES TOP BAR
3. PROVIDE 8# @10" c/c FOR DISTRIBUTION BARS, IF NOT SHOWN
4. ↑ - INDICATES DIRECTION OF ONE WAY SLAB MAIN ROD

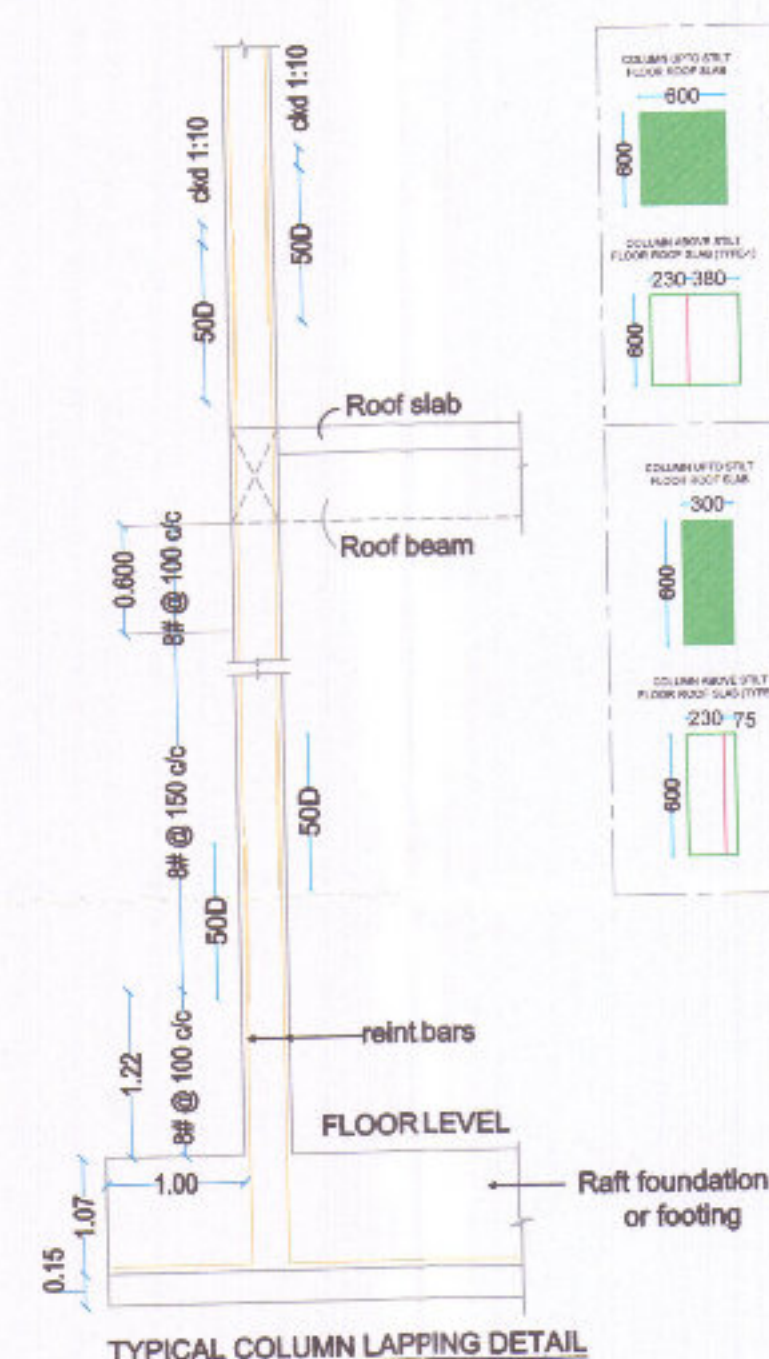
5. ——— - INDICATES TWO WAY SLAB AND DIRECTION OF MAIN ROD BOTHWAYS
6. [Symbol] - INDICATES SLAB SUNKEN BY 4"
7. [Symbol] - INDICATES SLAB SUNKEN BY 6"
8. [Symbol] - INDICATES SLAB SUNKEN BY 3"

GENERAL NOTES:

- 1) All dimensions are in meter & millimeters
- 2) Use concrete mix: Column - M40
Beam & Slab - M30
- 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
- 5) Provide lap length 50D for Beam
- 6) No admixtures shall be added without permission of consultant.
- 7) Crank at L/4 of clear span
- 8) Extra rod at top to a length of 0.3L of clear span from support
- 9) ST - indicates Straight rod.
- 10) CKD- indicates Cranked rod .
- 11) # - Indicates TOR Steel
- 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- 13) Structural Engineer's responsibility is limited to designing and issue of structural drawing only
- 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



TYPICAL COLUMN AND JOINT DETAILING
(TIES SHOULD BE CLOSELY SPACED AT BEAM - COLUMN JOINTS)



TYPICAL COLUMN LAPPING DETAIL



Date: 18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF. NO: 294/1 Part & 294/2, NEW TS. NO: 18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

**STILT FLOOR ROOF
ROOF SLAB LAYOUT**

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

FILE NAME :

PROMOTER:



Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT

P. SENTHILKUMAR, M.E., (Struct)

THE DESIGN ONE

Civil and Structural Consultancy,
30-A, First floor, Kalidas road, Ramnagar,
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E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

M/s Sree Daksha Infrastructure Private Limited

P. Senthil Kumar
DIRECTOR

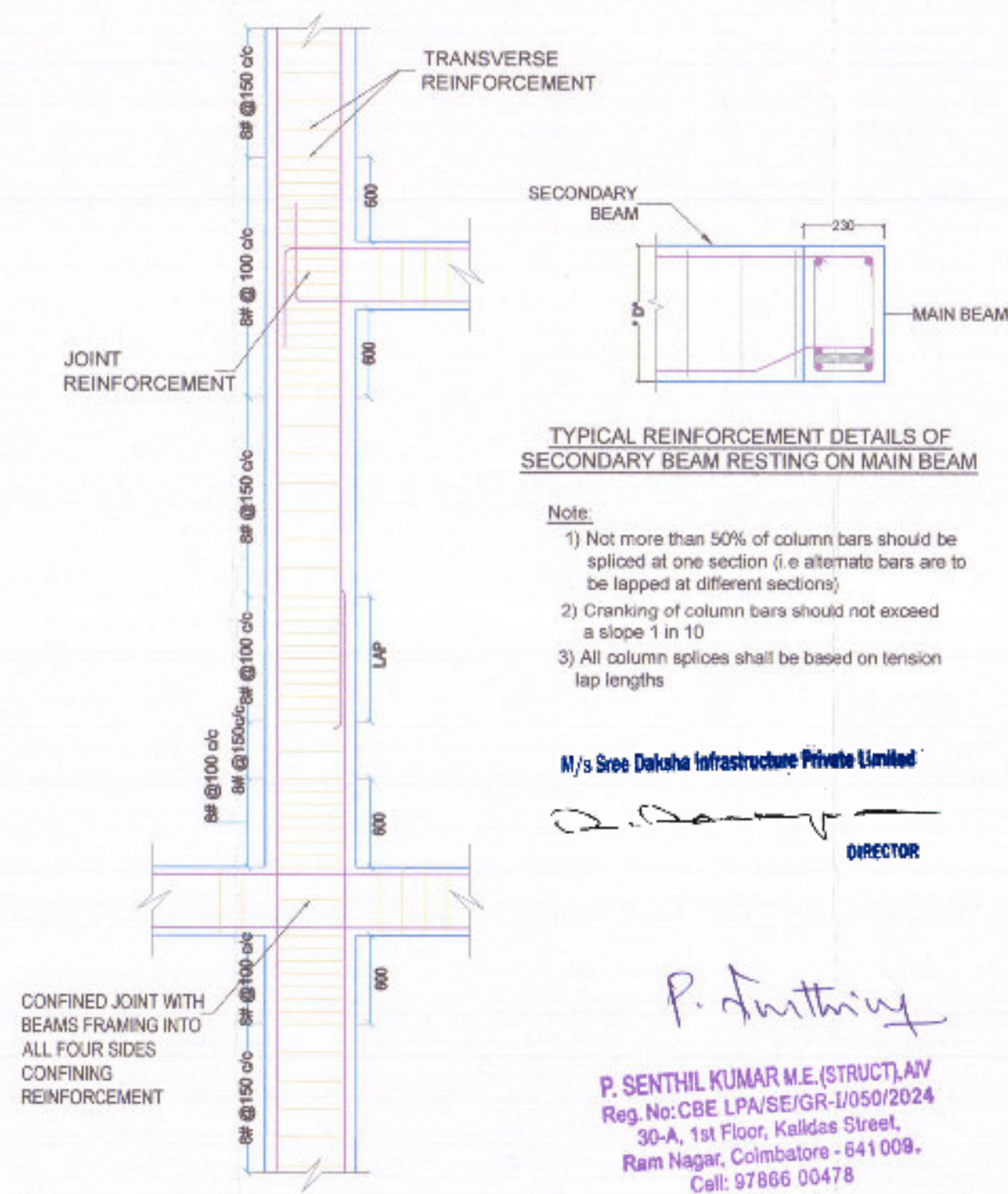
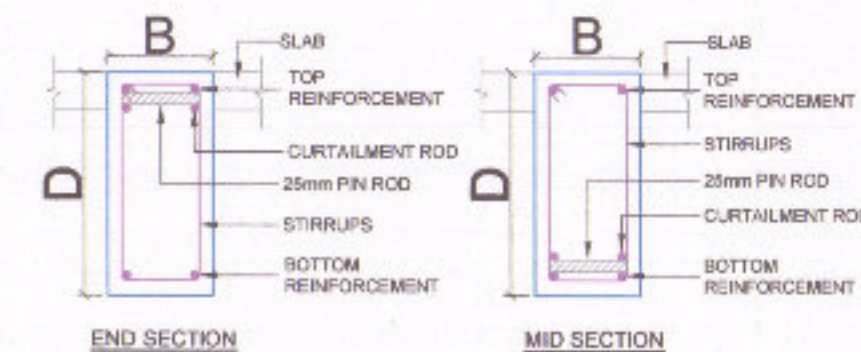
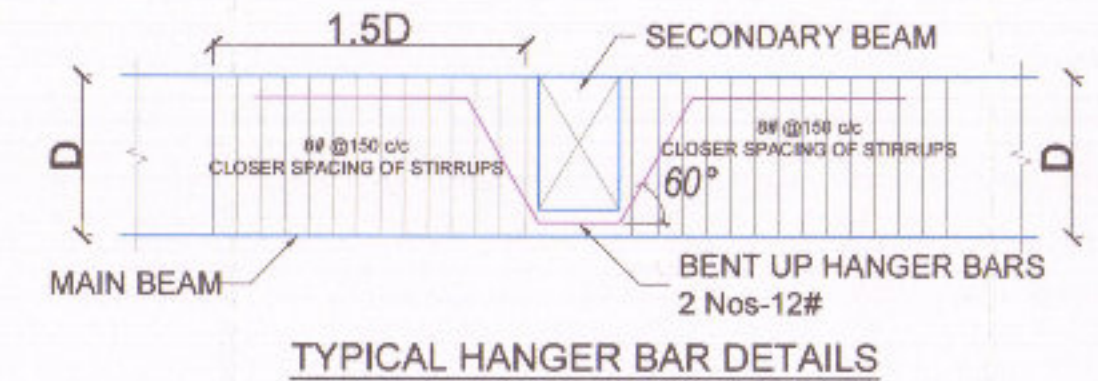
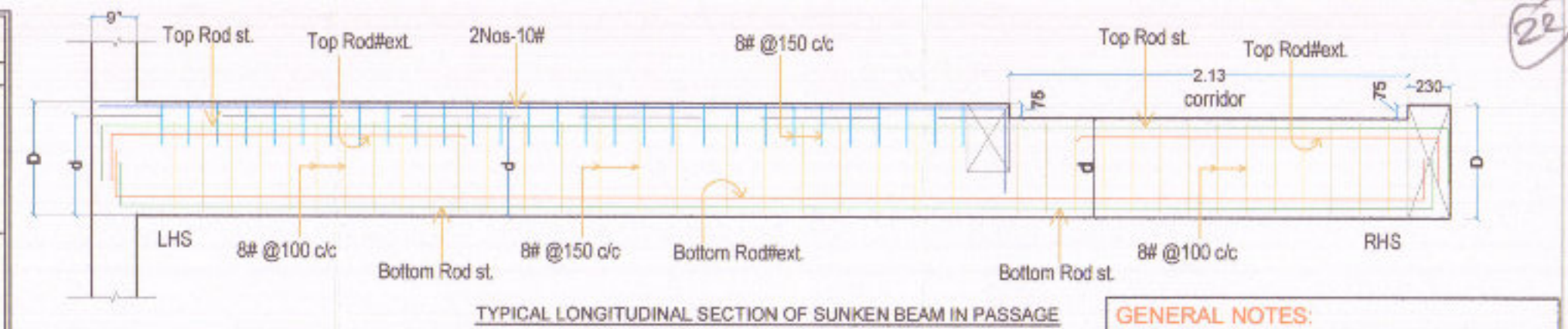
P. Senthil Kumar M.E. (Struct), AM
Reg. No: CBE LPA/SE/GR-1/050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641009.
Call: 97866 00478

1) Not more than 50% of column bars should be spliced at one section (i.e. alternate bars are to be lapped at different sections)

2) Cranking of column bars should not exceed a slope 1 in 10
3) All column splices shall be based on tension lap lengths

FIRST FLOOR ROOF BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB101 (230X450)				
RB102 (230X450)				
RB103 (230X450)				
RB104 (230X450)				RB104a (230X450)
RB105 (230X450)				
RB106 (230X450)				
RB107 (230X450)				RB107a (230X450)
RB108 (230X375)				
RB109 (230X375)				
RB110 (230X450)				
RB111 (230X450)				
RB112 (230X525)				RB112a (230X525)
RB113 (230X525)				RB113a (230X525)
RB114 (230X375)				
RB115 (230X375)				
RB116 (230X375)				

FIRST FLOOR ROOF BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB117 (230X525)				
RB118 (230X525)				
RB119 (230X525)				RB119a (230X525)
RB120 (230X525)				
RB121 (230X525)				RB121a (230X525)
RB122 (115X375)				
RB123 (230X450)				
RB124 (230X450)				
RB125 (115X450)				
RB126 (230X450)				
RB127 (230X450)				
RB128 (230X750)				RB128a (230X750)
RB129 (230X900)				RB129a (230X900)
RB130 (230X750)				
RB131 (230X750)				



- Note:
- Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
 - Cranking of column bars should not exceed a slope 1 in 10
 - All column splices shall be based on tension lap lengths

M/s Sree Daksha Infrastructure Private Limited

DIRECTOR

P. Senthil Kumar M.E.(Struct), AN
Reg. No: CBE LPA/SE/GR-1/050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641 009.
Cell: 97866 00478

TYPICAL COLUMN AND JOINT DETAILING
(TIES SHOULD BE CLOSELY SPACED AT BEAM - COLUMN JOINTS)

GENERAL NOTES:

- All dimensions are in meters & millimeters
- Use concrete mix: Column - M40
Beam & Slab - M30
- The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
- Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
- Provide lap length 50D for Beam
- No admixtures shall be added without permission of consultant.
- Crank at L/4 of clear span
- Extra rod at top to a length of 0.3L of clear span from support
- ST - indicates Straight rod.
- CKD - indicates Cranked rod.
- ## - Indicates TOR Steel
- Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- Structural Engineer's responsibility is limited to designing and issue of structural drawing only
- Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.

	Date: 18/12/25
	Scale: NTS
	DRAWN BY : NK
	CHECKED BY : SK

PROJECT:
PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF NO. 294/1 Part & 294/2, NEW TS NO 184 & 185, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

FIRST FLOOR ROOF BEAM SECTION DETAILS

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

FILE NAME :

PROMOTER:



STRUCTURAL CONSULTANT

P. Senthil Kumar M.E.(Struct)

THE DESIGN ONE

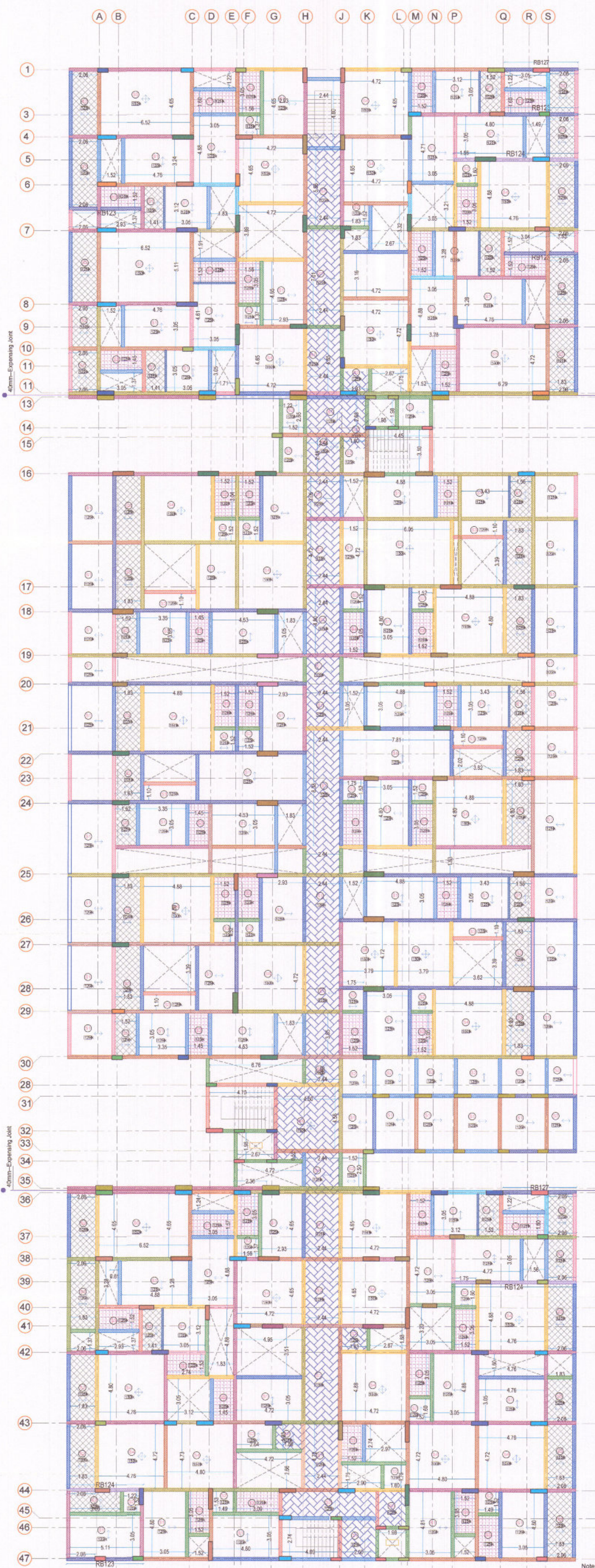
Civil and Structural Consultancy.

30-A, First floor, Kalidas road, Ramnagar,

Coimbatore - 9, Mob: 97866 00478

E-mail: thedesignone2014@gmail.com

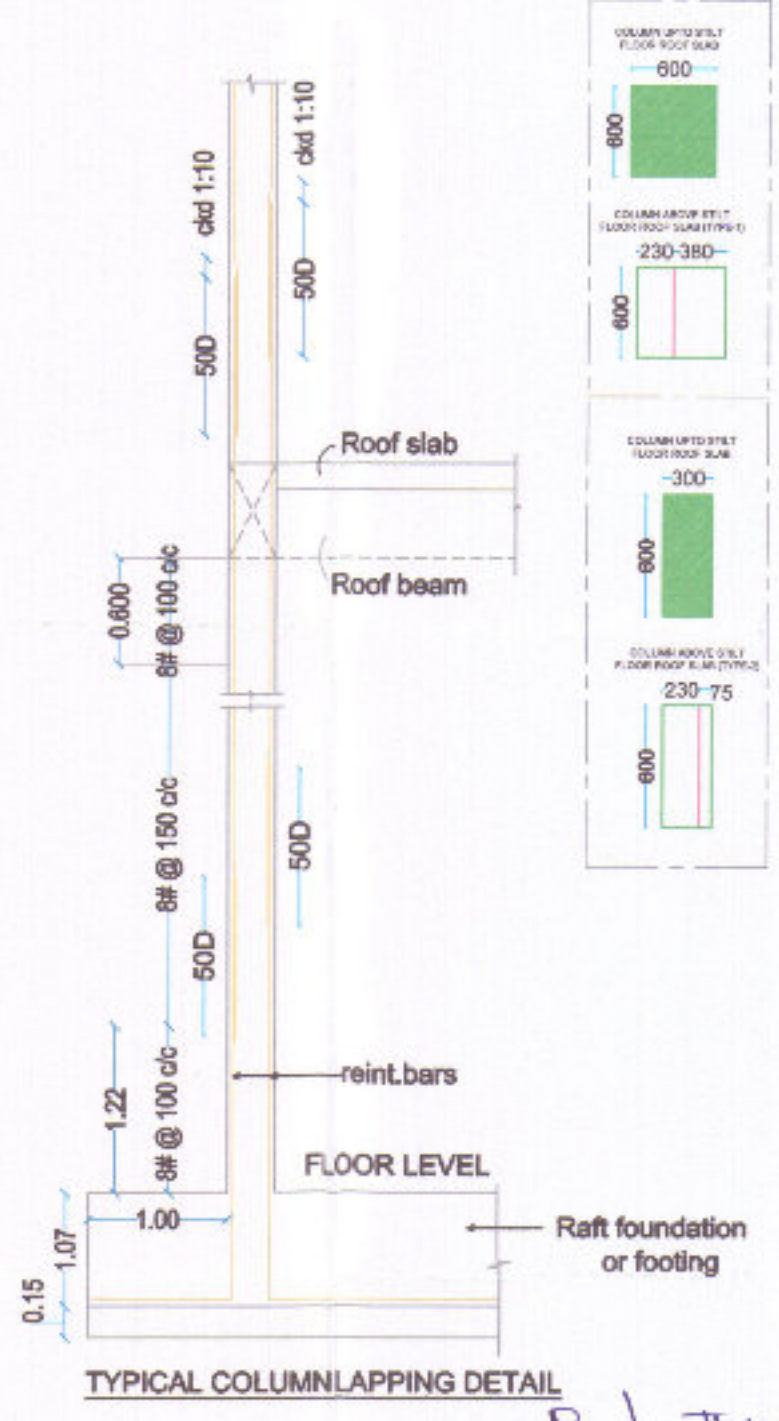
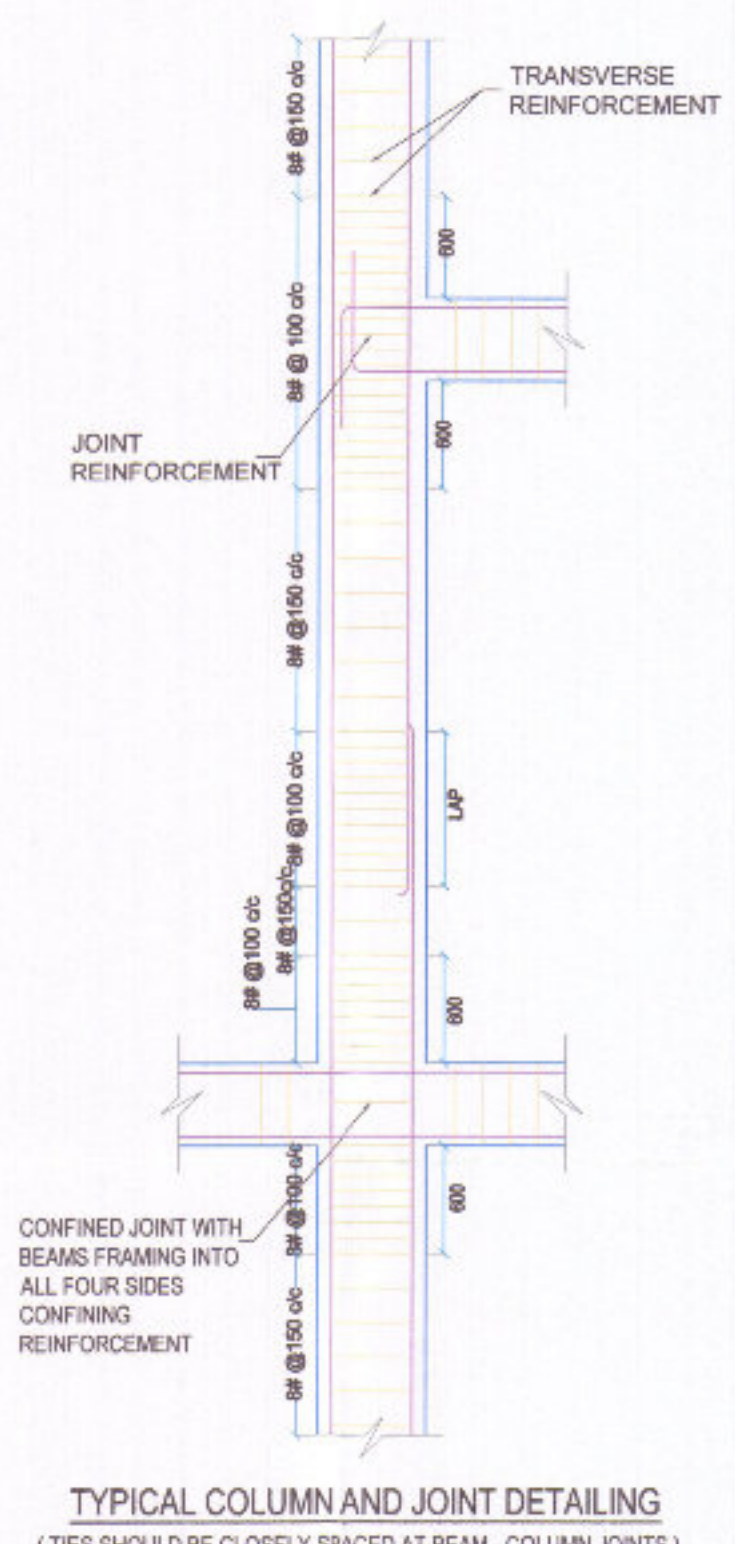
Off: 98422 60478, 0422 4373478



SLAB REINFORCEMENT DETAILS				
Slab Code	Main Reinforcement	Distributor Reinforcement	Extra 0.3L at Top	Thickness
ONE WAY SLAB				
S-1	10# @6"c/c	8# @10"c/c	8# @12"c/c	5"
S-2	8# @6"c/c	8# @10"c/c	8# @12"c/c	5"
SUNKEN SLAB				
S-3	8# @7"c/c Top & Bottom	8# @7"c/c Top & Bottom	-	5"
TWO WAY SLAB				
S-4	10# @6"c/c	10# @6"c/c	10# @12"c/c	6"
S-5	12# @6"c/c	10# @6"c/c	10 / 12# @12"c/c	6"
S-6	10# @6"c/c	8# @6"c/c	10# @12"c/c	6"

- SLAB KEY PLAN NOTES:
1. ——— - INDICATES BOTTOM BAR
 2. - - - - - INDICATES TOP BAR
 3. PROVIDE 8# @10"c/c FOR DISTRIBUTION BARS, IF NOT SHOWN
 4. ↑ - INDICATES DIRECTION OF ONE WAY SLAB MAIN ROD
 5. ↗ - INDICATES TWO WAY SLAB AND DIRECTION OF MAIN ROD BOTHWAYS
 6. [Pattern] - INDICATES SLAB SUNKEN BY 4"
 7. [Pattern] - INDICATES SLAB SUNKEN BY 6"
 8. [Pattern] - INDICATES SLAB SUNKEN BY 3"

- GENERAL NOTES:
- 1) All dimensions are in meters & millimeters
 - 2) Use concrete mix: Column -M40
Beam & Slab - M30
 - 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
 - 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
 - 5) Provide lap length 50D for Beam
 - 6) No admixtures shall be added without permission of consultant.
 - 7) Crank at L/4 of clear span
 - 8) Extra rod at top to a length of 0.3L of clear span from support
 - 9) ST - indicates Straight rod.
 - 10) CKD- indicates Cranked rod .
 - 11) # - Indicates TOR Steel
 - 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
 - 13) Structural Engineer's responsibility is limited to designing and issuance of structural drawing only
 - 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.



Date:18/12/25
Scale: NTS
DRAWN BY : NK
CHECKED BY : SK

PROJECT:
PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2,STILT,FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2, NEW TS.NO:18/4 & 18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE , COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:
FIRST FLOOR ROOF ROOF SLAB LAYOUT
PROJECT CODE : APT 25-801-04
DWG NO : 801-04/SD/FD/102
REV NO & DATE : 0
FILE NAME :

PROMOTER:
Sree Daksha
INFRASTRUCTURE (INDIA) PVT. LTD.

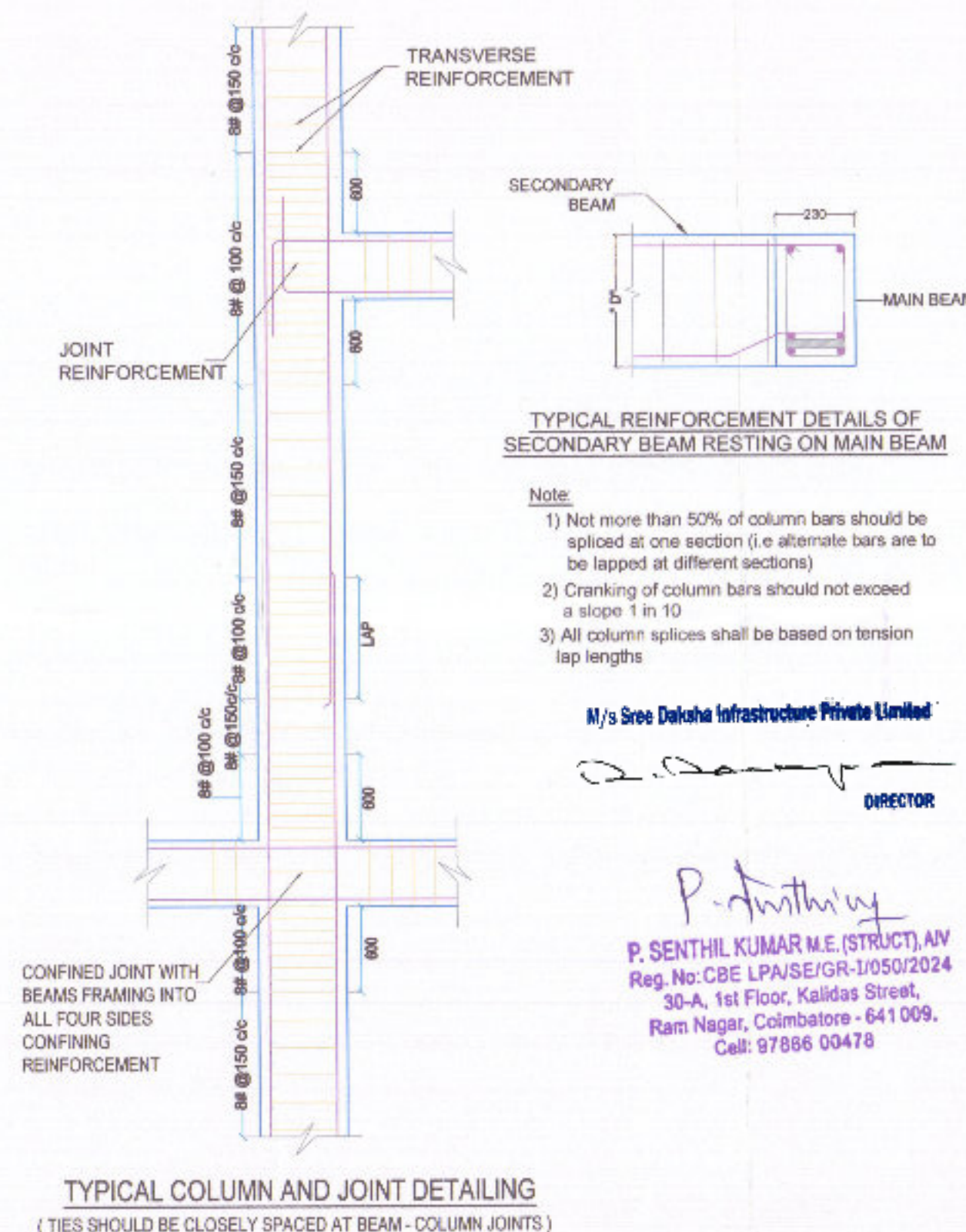
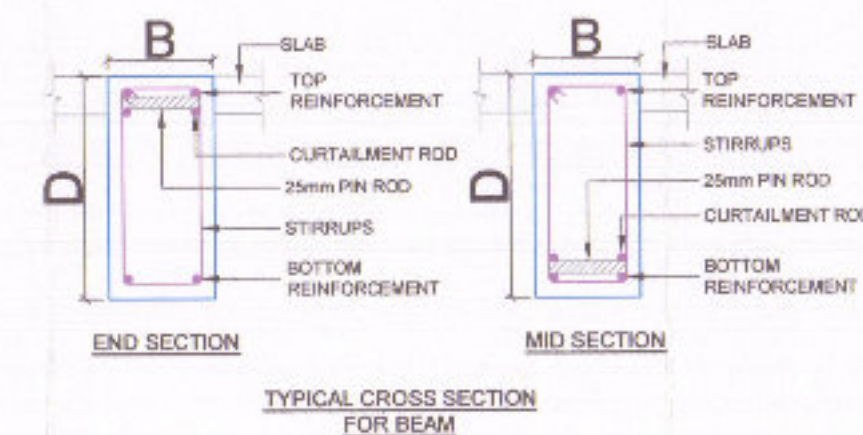
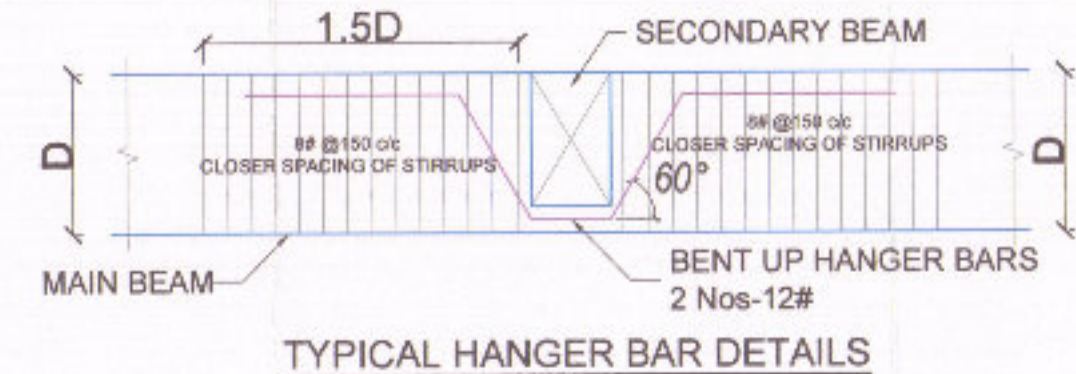
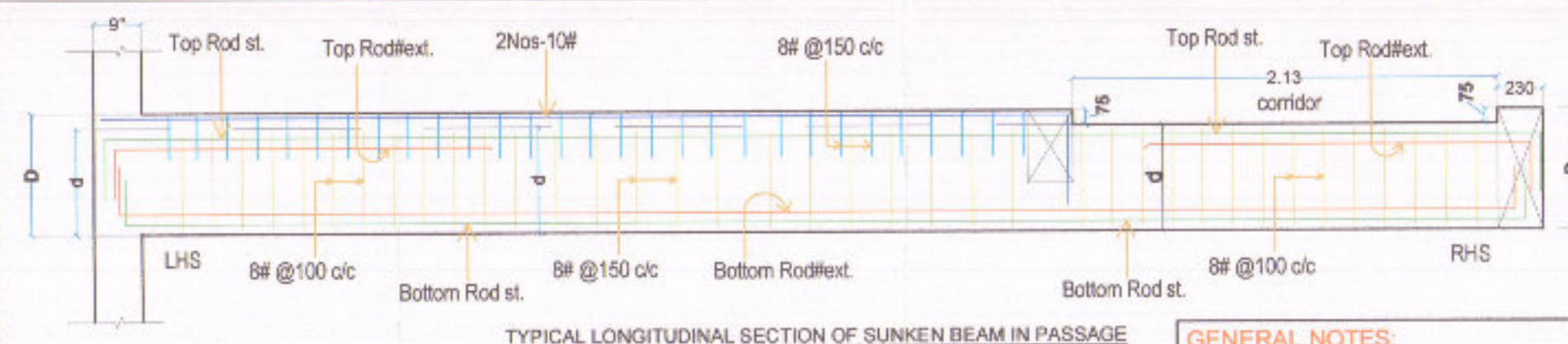
STRUCTURAL CONSULTANT
P.SENTHILKUMAR,M.E.,(Struct)
THE DESIGN ONE
Civil and Structural Consultancy,
30-A,First floor,Kalidas road,Ramnagar, Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

Note:
1) Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
2) Cranking of column bars should be at slope 1 in 10
3) All column splices shall be based on tension lap lengths

M/s Sree Daksha Infrastructure Private Limited
P. Senthil Kumar M.E.(Struct),
Reg.No: CBE LPA/SE/IGR-1/050/2024
30-A, 1st Floor, Kalidas Street,
Ram Nagar, Coimbatore - 641009
Cell: 97866 00478

TYPICAL FLOOR ROOF BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB101 (230X450)				
RB102 (230X450)				
RB103 (230X450)				
RB104 (230X450)				
RB105 (230X450)				
RB106 (230X450)				
RB107 (230X450)				
RB108 (230X375)				
RB109 (230X375)				
RB110 (230X450)				
RB111 (230X450)				
RB112 (230X525)				
RB113 (230X525)				
RB114 (230X375)				
RB115 (230X375)				
RB116 (230X375)				

TYPICAL FLOOR ROOF BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB117 (230X525)				
RB118 (230X525)				
RB119 (230X525)				
RB120 (230X525)				
RB121 (230X525)				
RB122 (115X375)				
RB123 (230X450)				
RB124 (230X450)				
RB125 (115X450)				
RB126 (230X450)				
RB127 (230X450)				
RB128 (230X750)				
RB129 (230X900)				
RB130 (230X750)				



- GENERAL NOTES:**
- 1) All dimensions are in meters & millimeters
 - 2) Use concrete mix: Column - M40, Beam & Slab - M30
 - 3) The reinforcement shall be High Strength Deformed bars of Grade Fe 500(##)
 - 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
 - 5) Provide lap length 50D for Beam
 - 6) No admixtures shall be added without permission of consultant.
 - 7) Crank at L/4 of clear span
 - 8) Extra rod at top to a length of 0.3L of clear span from support
 - 9) ST - Indicates Straight rod.
 - 10) CKD - indicates Cranked rod.
 - 11) # - Indicates TOR Steel
 - 12) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
 - 13) Structural Engineer's responsibility is limited to designing and issue of structural drawing only
 - 14) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.

Date: 18/12/25
Scale: NTS
DRAWN BY : NK
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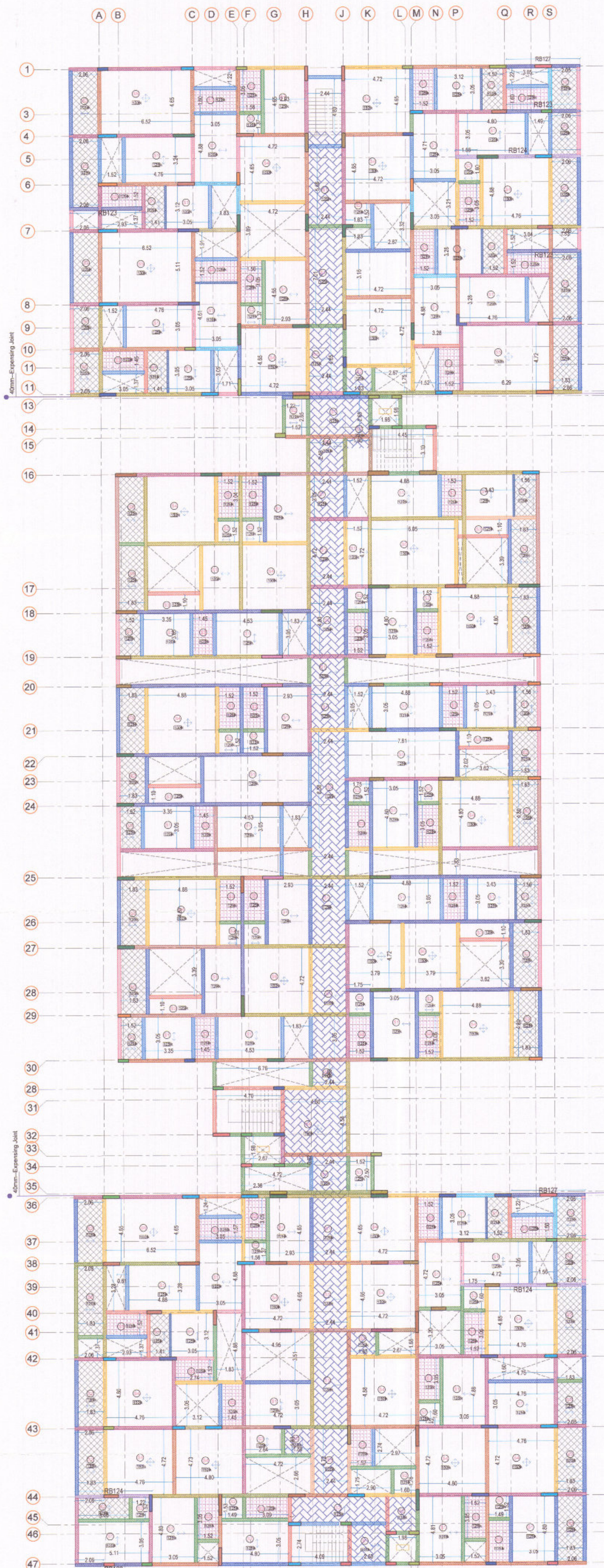
PROJECT:
PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1A-2, STILT, FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF NO: 2941 Part & 2942, NEW TS NO: 184 & 185, BLOCK-2, WARD-1 OF VILLANKURCHI VILLAGE, COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:
TYPICAL FLOOR ROOF BEAM SECTION DETAILS

PROJECT CODE : APT 25-801-04
DWG NO : 801-04/SD/FD/102
REV NO & DATE : 0
FILE NAME :

PROMOTER:
Sree Daksha Infrastructure (India) Pvt. Ltd.

STRUCTURAL CONSULTANT:
P. SENTHILKUMAR, M.E. (Struct)
THE DESIGN ONE
Civil and Structural Consultancy,
30-A, 1st floor, Kalidas road, Ramnagar,
Coimbatore - 9. Mob: 97866 00478
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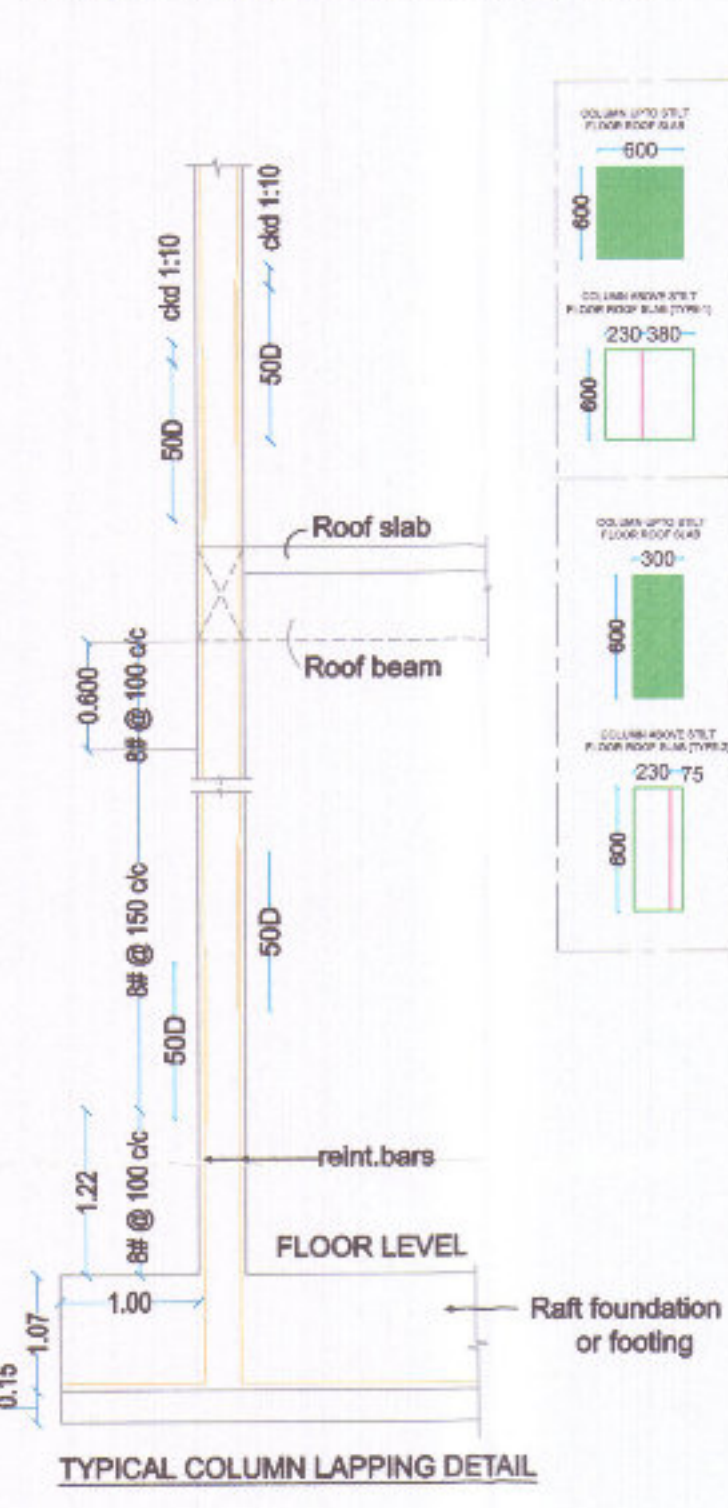


SLAB REINFORCEMENT DETAILS				
Slab Code	Main Reinforcement	Distributor Reinforcement	Extra 0.3L at Top	Thickness
ONE WAY SLAB				
S-1	10# @6"c/c	8# @10"c/c	8# @12"c/c	5"
S-2	8# @6"c/c	8# @10"c/c	8# @12"c/c	5"
SUNKEN SLAB				
S-3	8# @7"c/c Top & Bottom	8# @7"c/c Top & Bottom	-	5"
TWO WAY SLAB				
S-4	10# @6"c/c	10# @6"c/c	10# @12"c/c	6"
S-5	12# @6"c/c	10# @6"c/c	10 / 12# @12"c/c	6"
S-6	10# @6"c/c	8# @6"c/c	10# @12"c/c	6"

SLAB KEY PLAN NOTES:

- INDICATES BOTTOM BAR
- INDICATES TOP BAR
- PROVIDE 8# @10"c/c FOR DISTRIBUTION BARS, IF NOT SHOWN
- INDICATES DIRECTION OF ONE WAY SLAB MAIN ROD
- INDICATES TWO WAY SLAB AND DIRECTION OF MAIN ROD BOTHWAYS
- INDICATES SLAB SUNKEN BY 4"
- INDICATES SLAB SUNKEN BY 6"
- INDICATES SLAB SUNKEN BY 3"

- GENERAL NOTES:**
- All dimensions are in meters & millimeters
 - Use concrete mix: Column -M40
Beam & Slab - M30
 - The reinforcement shall be High Strength Deformed bars of Grade Fe 500(#)
 - Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
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 - No admixtures shall be added without permission of consultant.
 - Crank at L/4 of clear span
 - Extra rod at top to a length of 0.3L of clear span from support
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Date:18/12/25

Scale: NTS

DRAWN BY : NK

CHECKED BY : SK

PROJECT:

PLAN SHOWING THE PROPOSED RESIDENTIAL APARTMENT MULTISTORY BUILDING BLOCK-A BASEMENT -1&-2,STILT,FIRST TO SEVENTH FLOOR BLOCK B - GROUND FLOOR IN OLD SF.NO: 294/1Part & 294/2, NEW TS.NO:18/4 &18/5, BLOCK-2, WARD-Y OF VILLANKURUCHI VILLAGE , COIMBATORE NORTH TALUK, COIMBATORE CORPORATION EAST ZONE, COIMBATORE DISTRICT.

DRAWING TITLE:

TYPICAL FLOOR ROOF ROOF SLAB LAYOUT

PROJECT CODE : APT 25-801-04

DWG NO : 801-04/SD/FD/102

REV NO & DATE : 0

FILE NAME :

PROMOTER:

STRUCTURAL CONSULTANT

P.SENTHILKUMAR,M.E.,(Struct)

Civil and Structural Engineering
30-A,First floor,Kalidas road,Ramnagar, Coimbatore - 9. Mob: 97866 00478
E-mail: thedesignone2014@gmail.com
Off: 98422 60478, 0422 4373478

Note:

- Not more than 50% of column bars should be spliced at one section (i.e alternate bars are to be lapped at different sections)
- Cranking of column bars should not exceed a slope 1 in 10
- All column splices shall be based on tension lap lengths

*** Use concrete mix M30 for slab and M40 for column shaft.