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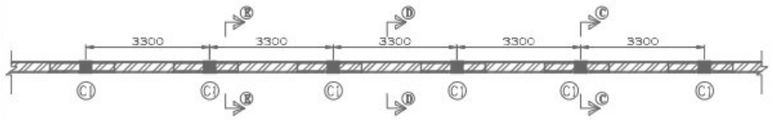
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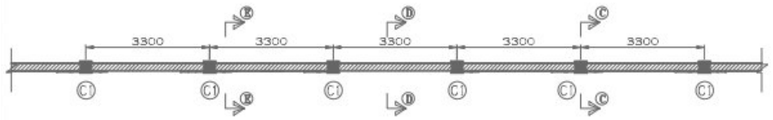
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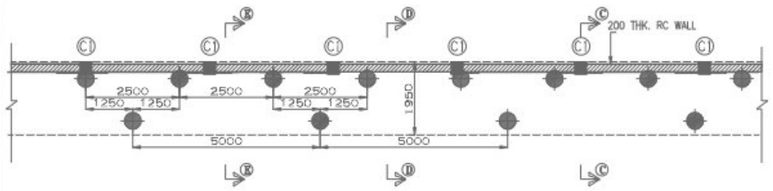
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SOUTH SIDE COMPOUND WALL PLAN B AT TOP LVL



SOUTH SIDE COMPOUND WALL PLAN A AT PLINTH LVL



LAYOUT OF PILE/PILECAP

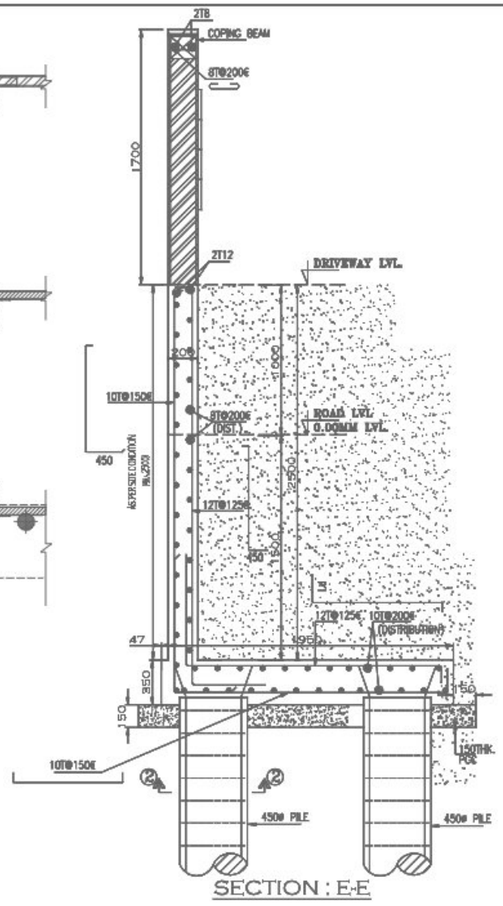
PILE SCHEDULE:-

LEGEND	PILE DIA CAST IN SITU	STEEL	CONCRETE GRADE
◆	450 Ø (4M DEPTH)	8T12 8T@150C/C HELICAL RINGS	M:25

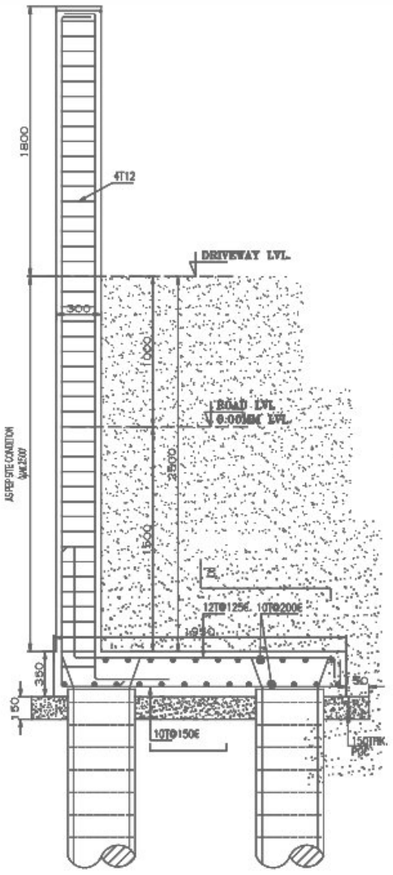
NOTE:- PROVIDE 12T@1000c/c MASTER RING.

COLUMN/PILE-PILE CAP SCHEDULE		
GROUND LVL TO TOP LVL	SIZE	300X300
	STEEL	8T12
PILECAP TOP TO GROUND LVL	SIZE	300X300
	STEEL	8T12
CAST-IN-SITU PILES	NO	
	DIA.	
PILE CAP	SIZE	
	DEPTH	
STEEL IN PILE CAP	LONG SPAN STEEL	
	SHORT SPAN STEEL	
	BINDER	
COLUMN NO:		C1

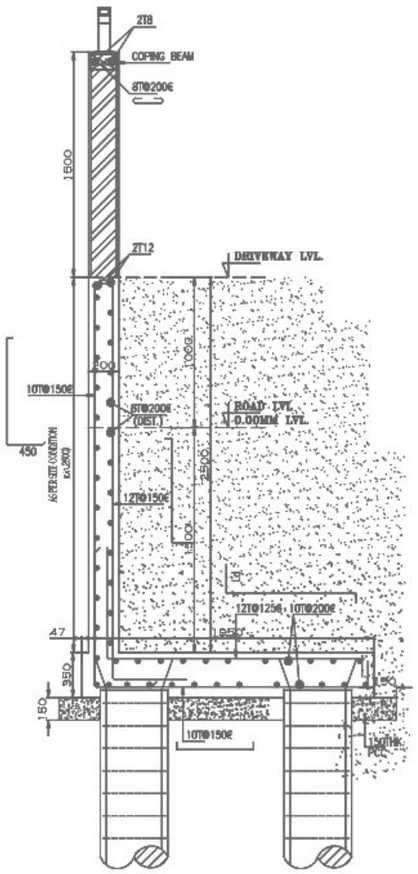
FOR PILE CAP DETAIL REFER SECTION-C-C, D-D, E-E



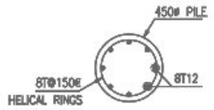
SECTION : E-E



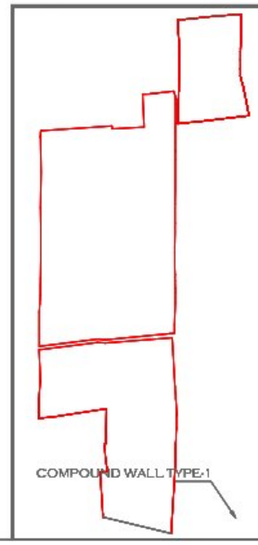
SECTION : C-C



SECTION : D-D



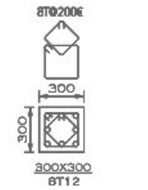
SECTION : 2-2



KEY PLAN

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
USE MIX M:30 & Fe:550 STEEL
" T " INDICATES TOR STEEL
FOUNDING STRATA TO BE CHECKED BY OUR ENGINEER BEFORE LAYING P.C.C ON SITE.
PROVIDE EXPANSION JOINT AT EVERY 45 MTR LENGTH & AT KINKS
EXPANSION JOINT TO BE TREATED WITH POLY SULFIED OR EQUIVALANT AS PER MANUFACTURE'S SPECIFICATION.
WEEP HOLES ARE TO BE PROVIDED AT 1.2M INTERVAL IN BOTH OR THOGONAL DIRECTION WITH HARDCORE PEBBLES WRAPPED US GEOTEXTILE CLOTH.



COLUMN BAR PLACING DETAIL

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	13/10/2025	ADVANCE COPY	

DRG. TITLE :- COMPOUND WALL DETAIL

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI .T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SHRADDHA	T.S.P.	1:100
DRG. NO.	REVISION	DATE
1296/CW/01	R0	13/10/2025

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NEAR VARDHMAN PETROL PUMP,WARJE
PUNE, MAHARASHTRA -411052
Tel-9011076607, 9011016556
EMAIL - structure.punet@gmail.com
WEB SITE -www.designageconsultants.com

TERRACE FLOOR TO MUMMTY FLOOR				
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 150; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 60; 450; 150; •T10 •T12	2970 = 500 (10T12) + 1970 (16T16) + 500 (10T12); 60; 450; 150; •T10 •T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 150; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 60; 450; 150; •T10 •T12	2970 = 500 (10T12) + 1970 (16T16) + 500 (10T12); 60; 450; 150; •T10 •T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 150; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 60; 450; 150; •T10 •T12	2970 = 500 (10T12) + 1970 (16T16) + 500 (10T12); 60; 450; 150; •T10 •T12
12TH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 150; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 60; 450; 150; •T10 •T12	2970 = 500 (10T12) + 1970 (16T16) + 500 (10T12); 60; 450; 150; •T10 •T12
11TH FLOOR TO 12TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 150; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 60; 450; 150; •T10 •T12	2970 = 500 (10T12) + 1970 (16T16) + 500 (10T12); 60; 450; 150; •T10 •T12
TENTH FLOOR TO 11TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 150; •T10 •T12	4220 = 500 (10T12) + 3220 (26T16) + 500 (10T12); 60; 450; 150; •T10 •T12	2970 = 500 (10T12) + 1970 (16T16) + 500 (10T12); 60; 450; 150; •T10 •T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 150; •T10 •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 60; 450; 150; •T10 •T12	2970 = 1000 (4T16+18T12) + 970 (8T16) + 1000 (4T16+18T12); 60; 450; 150; •T10 •T12 •T16
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 150; •T10 •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 60; 450; 150; •T10 •T12	2970 = 1000 (4T16+18T12) + 970 (8T16) + 1000 (4T16+18T12); 60; 450; 150; •T10 •T12 •T16
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E
	1730 = 600 (12T12) + 530 (4T16) + 600 (12T12); 300; •T10 •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 150; •T10 •T12	4220 = 1000 (8T16+12T12) + 2220 (18T16) + 1000 (8T16+12T12); 60; 450; 150; •T10 •T12 •T16	2970 = 1000 (4T16+18T12) + 970 (8T16) + 1000 (4T16+18T12); 60; 450; 150; •T10 •T12 •T16
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E
	2600 = 52T12; 300; •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 150; •T10 •T12	4220 = 1000 (8T16+12T12) + 2220 (18T16) + 1000 (8T16+12T12); 60; 450; 150; •T10 •T12 •T16	2970 = 1000 (4T16+18T12) + 970 (8T16) + 1000 (4T16+18T12); 60; 450; 150; •T10 •T12 •T16
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E
	2600 = 52T12; 300; •T12	4220 = 1000 (20T12) + 2220 (18T16) + 1000 (20T12); 150; •T10 •T12	4220 = 1400 (28T16) + 1420 (10T16) + 1400 (28T16); 60; 450; 150; •T10 •T16	2970 = 2970 (59T16); 60; 450; 150; •T16
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E
	2600 = 54T16; 300; •T16	675 (14T16) + 3802 (56T16) + 740 (18T16); 300; 450; 4220; •T16	675 (8T20+8T16) + 3096 (26T20+42T16); 300; 450; 450; 800; •T16 •T20 •T25	525 (12T20) + 1296 (20T20+36T16); 300; 450; 450; 2970; •T16 •T20 •T25
COLUMN NO:	C1	C2	C3	C4

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE Fe415 OR Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE Fe415 OR Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2B BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR+LIFT FLOOR+MUMTY.
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES (1236/13)
FOR FOUNDATION PLAN REFER DWG NO-1236/T&S/01
FOR COLUMN FOOTING SCHEDULE REFER DWG NO-1236/T&S. 1A
FOR COMBINED FOOTING DETAILS REFER DRG NO-1236/T&S/01 2A...

REVISION	DATE	DESCRIPTION	SIGN.
R0	08/10/2025	ADVANCE COPY	

DRG. TITLE : COLUMN & SHEAR WALL DETAILS PART-II 1A

PROJECT : PROPOSED RESIDANTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI-TN.
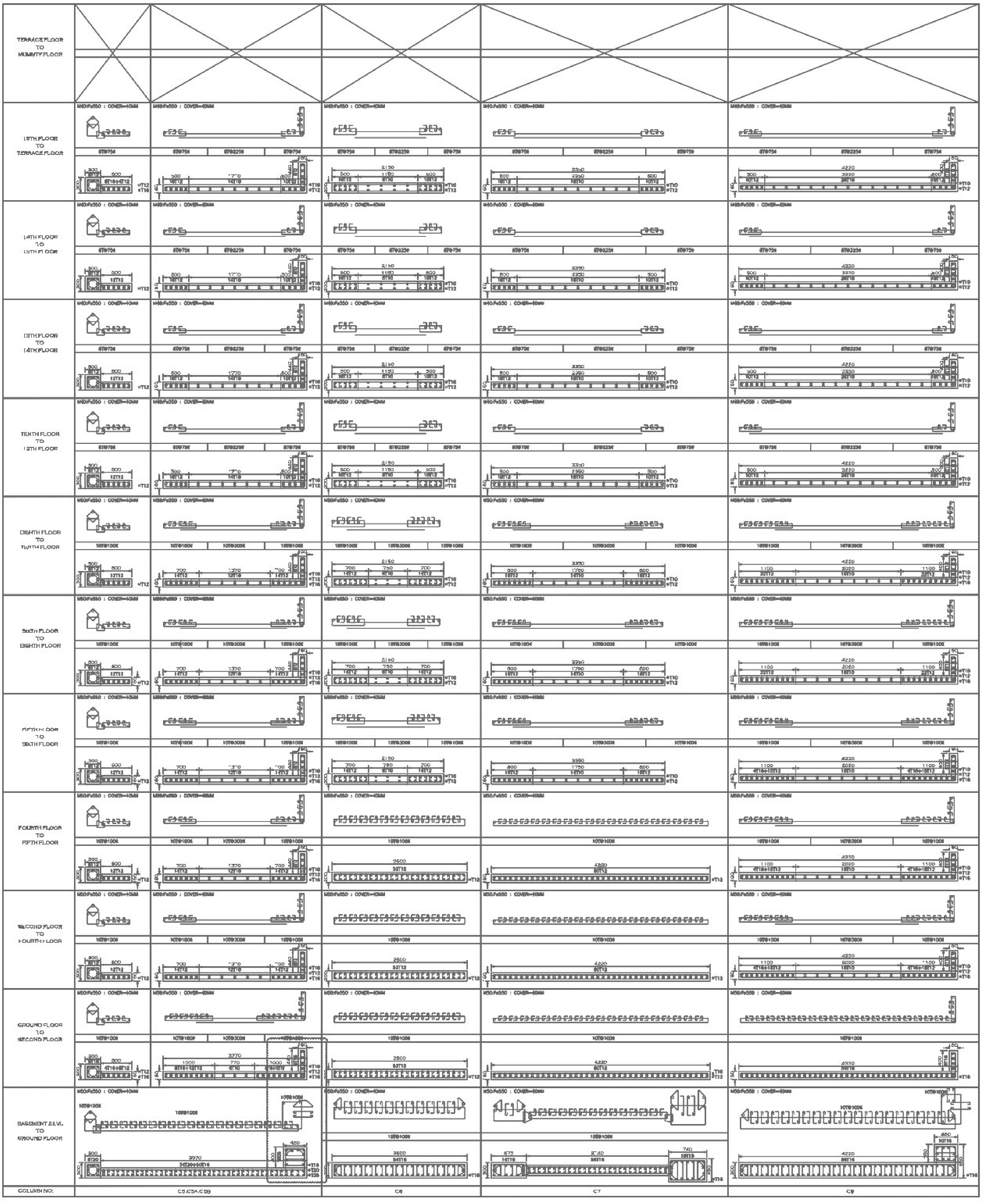
ARCHITECT : KARADIA ASSOCIATES DIVISION LLP.

CLIENT : TVS

DRAWN BY : SANDESH	CHECKED BY : T.S.P./S.S.S.	SCALE : 1:100
DRG. NO. 1236 T&S/02	REVISION R0	DATE 08/10/2025

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OFFICE NO-402, 4TH FLOOR, ANNEXE-II, ADYAR I. P. RIVER SANTHOME HIGH ROAD, NEAR V. KOTHARI PETROL PUMP, CHENNAI-600 020
Tel: 044 4567 7000, 9711 84 4564
E-mail: structuredynamic@gmail.com
WEBSITE: www.designageconsultants.com



NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M50 Fe550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M40 FE550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15FLOORS+ TERRACE FLOOR(MID FLOOR PROVISION)
"T" INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1496-GN
FOR FOUNDATION PLAN REFER DRG.NO:1496/TEV-01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1496-T-9/1A
FOR COMBINED FOOTING DETAILS REFER DRG.NO: 1496-T6-03

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DRG.TITLE:
COLUMN & SHEAR WALL DETAILS
PART 6/14
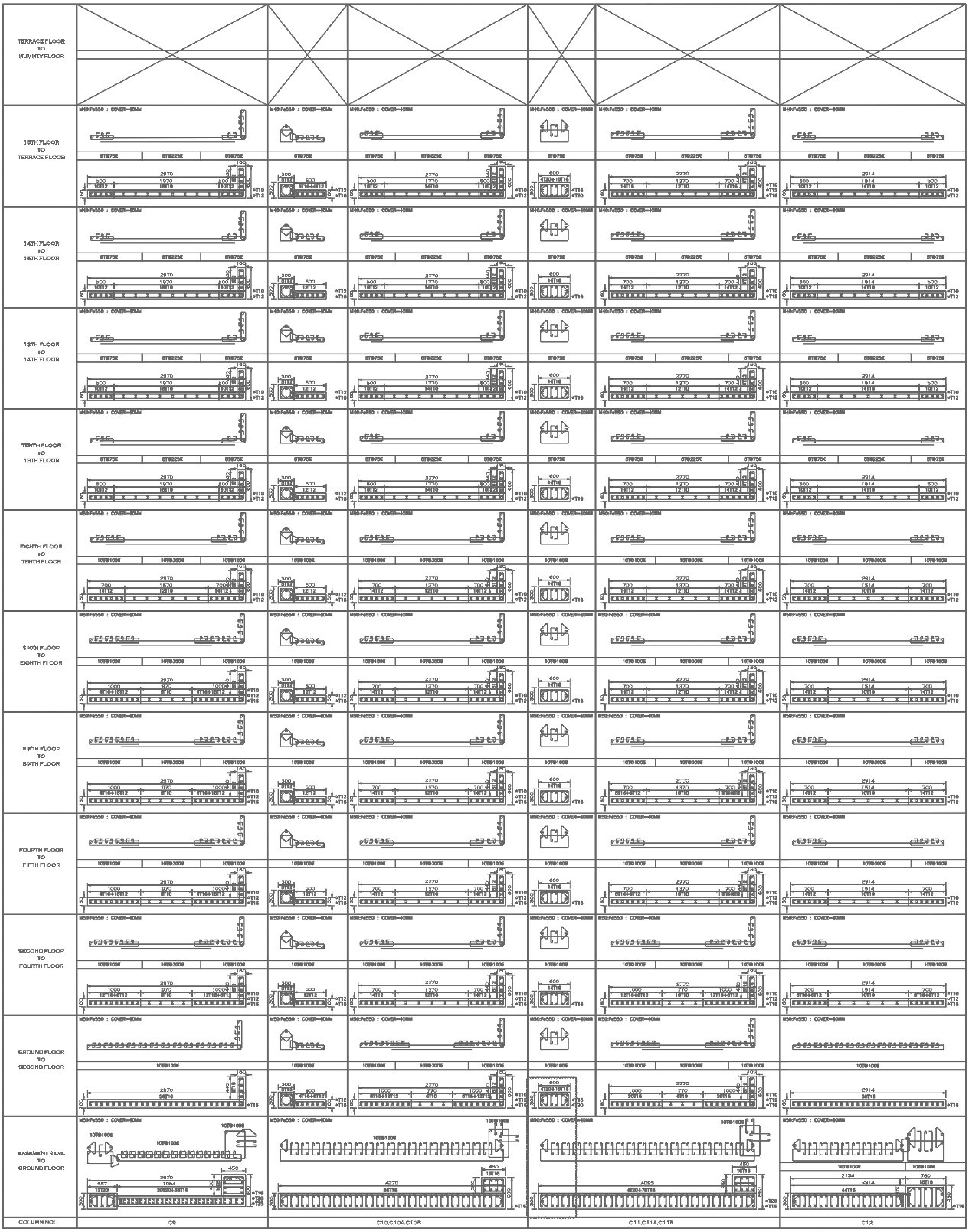
PROJECT:
PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD, PTR, CHENNAI, TN.

ARCHITECT:
KAPADIA ASSOCIATES
DESIGN U.P.

CLIENT:

DRAWN BY:	CHECKED BY:	SCALE:
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1496/T-6/3A	R0	09/10/2025

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NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M50 Fe550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M40 Fe550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR(NO FLOOR PROVISION)
"T" INDICATES TOR STEEL
READ THIS DRAWING ALONG WITH GENERAL NOTES-1276/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/T-6/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1276/T-6/1A
FOR COMBINED FOOTING DETAILS REFER DRG.NO-1296/T-6/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	08.10/2025	ADVANCE COPY	

DRG. TITLE :- COLUMN & SHEAR WALL DETAILS PART-5/14

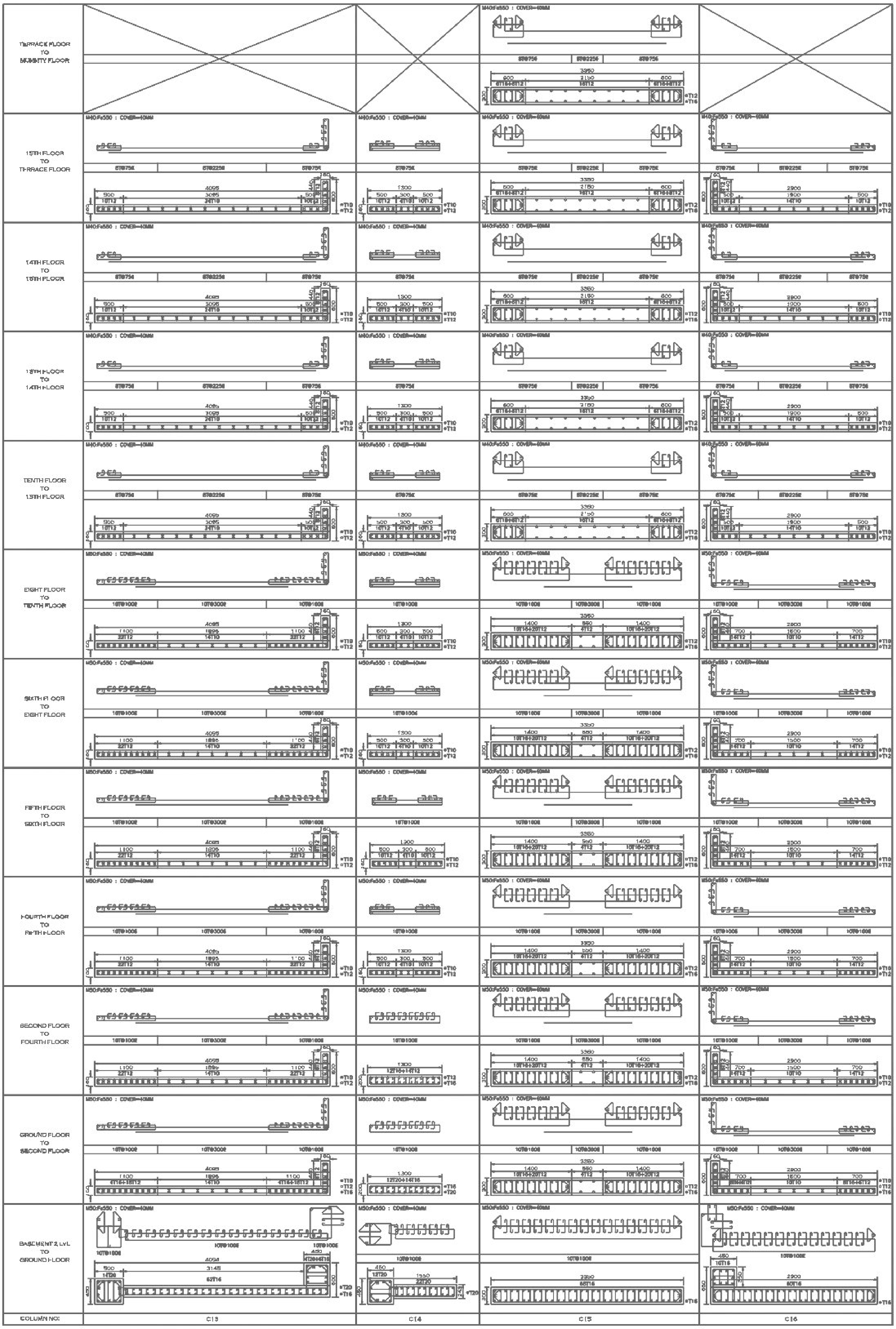
PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI, T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDEEP	T.S.P./S.S.S	1:100
DRG. NO.	REVISION	DATE
1296/T-5/05	R0	08/10/2025

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NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE MIX M40 FE 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR(NO FLOOR PROVISION)
"T" INDICATES TOR STEEL
READ THIS DRAWING ALONG WITH GENERAL NOTES-1296. GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/TS-01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296. TS/01A
FOR COMBINED FOOTING DETAILS REFER DRG.NO-1296/TS. 02

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DRG. TITLE :-
COLUMNS & SHEAR WALL DETAILS
PART-4/14

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORIPAKKAM ROAD(PTR)
CHENNAI, T.N.

ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-
TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P./S.S.B.	1:100
DRG. NO.	REVISION	DATE
1296/TS. 30	R0	08/10/2025

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FLOOR	C16A,C16B	C16C	C17	C14A,C17A	C18
TERRACE FLOOR TO MUMMTY FLOOR	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 3350 (600 / 2150 / 600) 4T20+8T16 / 16T10 / 4T20+8T16 200 T10, T20, T16	M40:Fe550 : COVER=40MM 8T@75 1600 30T20+4T16 300 T20, T16	—	—	8T@75 | 8T@225 | 8T@75 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 3350 (600 / 2150 / 600) 4T16+8T12 / 16T10 / 4T16+8T12 200 T10, T12, T16	M40:Fe550 : COVER=40MM 8T@75 1600 30T16+4T12 300 T12, T16	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2529 (500 / 1525 / 500) 10T12 / 12T10 / 10T12 160 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2000 (500 / 1000 / 500) 10T12 / 8T10 / 10T12 200 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 3350 (600 / 2150 / 600) 12T12 / 16T10 / 12T12 200 T10, T12, T16	M40:Fe550 : COVER=40MM 8T@75 1600 6T16+28T12 300 T12, T16	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2525 (500 / 1525 / 500) 10T12 / 12T10 / 10T12 160 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2000 (500 / 1000 / 500) 10T12 / 8T10 / 10T12 200 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 3350 (600 / 2150 / 600) 12T12 / 16T10 / 12T12 200 T10, T12, T16	M40:Fe550 : COVER=40MM 8T@75 1600 6T16+28T12 300 T12, T16	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2525 (500 / 1525 / 500) 10T12 / 12T10 / 10T12 160 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2000 (500 / 1000 / 500) 10T12 / 8T10 / 10T12 200 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 3350 (600 / 2150 / 600) 12T12 / 16T10 / 12T12 200 T10, T12, T16	M40:Fe550 : COVER=40MM 8T@75 1600 6T16+28T12 300 T12, T16	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2525 (500 / 1525 / 500) 10T12 / 12T10 / 10T12 160 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 2000 (500 / 1000 / 500) 10T12 / 8T10 / 10T12 200 T10, T12	M40:Fe550 : COVER=40MM 8T@75 | 8T@225 | 8T@75 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 3350 (1100 / 1150 / 1100) 22T12 / 8T10 / 22T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 1600 6T16+28T12 300 T12, T16	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2525 (700 / 1125 / 700) 14T12 / 8T10 / 14T12 160 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2000 (700 / 600 / 700) 14T12 / 4T10 / 14T12 200 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 3350 (1100 / 1150 / 1100) 22T12 / 8T10 / 22T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 1600 6T16+28T12 300 T12, T16	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2529 (700 / 1125 / 700) 14T12 / 8T10 / 14T12 160 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2000 (700 / 600 / 700) 14T12 / 4T10 / 14T12 200 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 3350 (1100 / 1150 / 1100) 22T12 / 8T10 / 22T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 1600 6T16+28T12 300 T12, T16	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2525 (700 / 1125 / 700) 14T12 / 8T10 / 14T12 160 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2000 (700 / 600 / 700) 14T12 / 4T10 / 14T12 200 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 3350 (1100 / 1150 / 1100) 22T12 / 8T10 / 22T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 1600 6T16+28T12 300 T12, T16	M50:Fe550 : COVER=40MM 10T@100 3645 68T12 200 T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2000 (700 / 600 / 700) 14T12 / 4T10 / 14T12 200 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
SECOND FLOOR TO THIRD FLOOR	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 3350 (1100 / 1150 / 1100) 4T16+18T12 / 8T10 / 4T16+18T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 1600 6T16+28T12 300 T12, T16	M50:Fe550 : COVER=40MM 10T@100 3605 68T12 200 T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2000 (700 / 600 / 700) 14T12 / 4T10 / 14T12 200 T10, T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
GROUND FLOOR TO SECOND FLOOR	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 3350 (1100 / 1150 / 1100) 18T16+8T12 / 8T10 / 18T16+8T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 1600 6T16+28T12 300 T12, T16	M50:Fe550 : COVER=40MM 10T@100 3665 68T12 200 T12	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 2000 (700 / 600 / 700) 4T16+10T12 / 4T10 / 4T16+10T12 200 T10, T12, T16	M50:Fe550 : COVER=40MM 10T@100 | 10T@300 | 10T@100 1500 (600 / 300 / 600) 4T16+10T12 / 4T10 / 4T16+10T12 300 T10, T12, T16
BASEMENT 2 LVL. TO GROUND FLOOR	M50:Fe550 : COVER=40MM 10T@100 3350 68T16 300 T16	M50:Fe550 : COVER=40MM 10T@100 1600 34T16 300 T16	M50:Fe550 : COVER=40MM 10T@100 3665 68T16 200 T16	M50:Fe550 : COVER=40MM 10T@100 2000 42T16 300 T16	M50:Fe550 : COVER=40MM 10T@100 1500 32T16 300 T16
COLUMN NO:	C16A,C16B	C16C	C17	C14A,C17A	C18

NOTES

- # REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
- # THIS DWG. IS NOT TO BE SCALED.
- # USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
- # USE MIX M40 FE 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
- # BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
- # "T" INDICATES TOR STEEL
- # READ THIS DRAWING ALONG WITH GENERAL NOTES 1298/GN
- # FOR FOUNDATION PLAN REFER DRG.NO-1298/T-S/01
- # FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1298/TS/ [illegible]
- # FOR COMBINED FOOTING DETAILS REFER DRG.NO-1298/TS/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	08/10/2025	ADVANCE COPY	

DRG. TITLE :-
COLUMN & SHEAR WALL DETAILS
PART 8/14

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI, T.N.
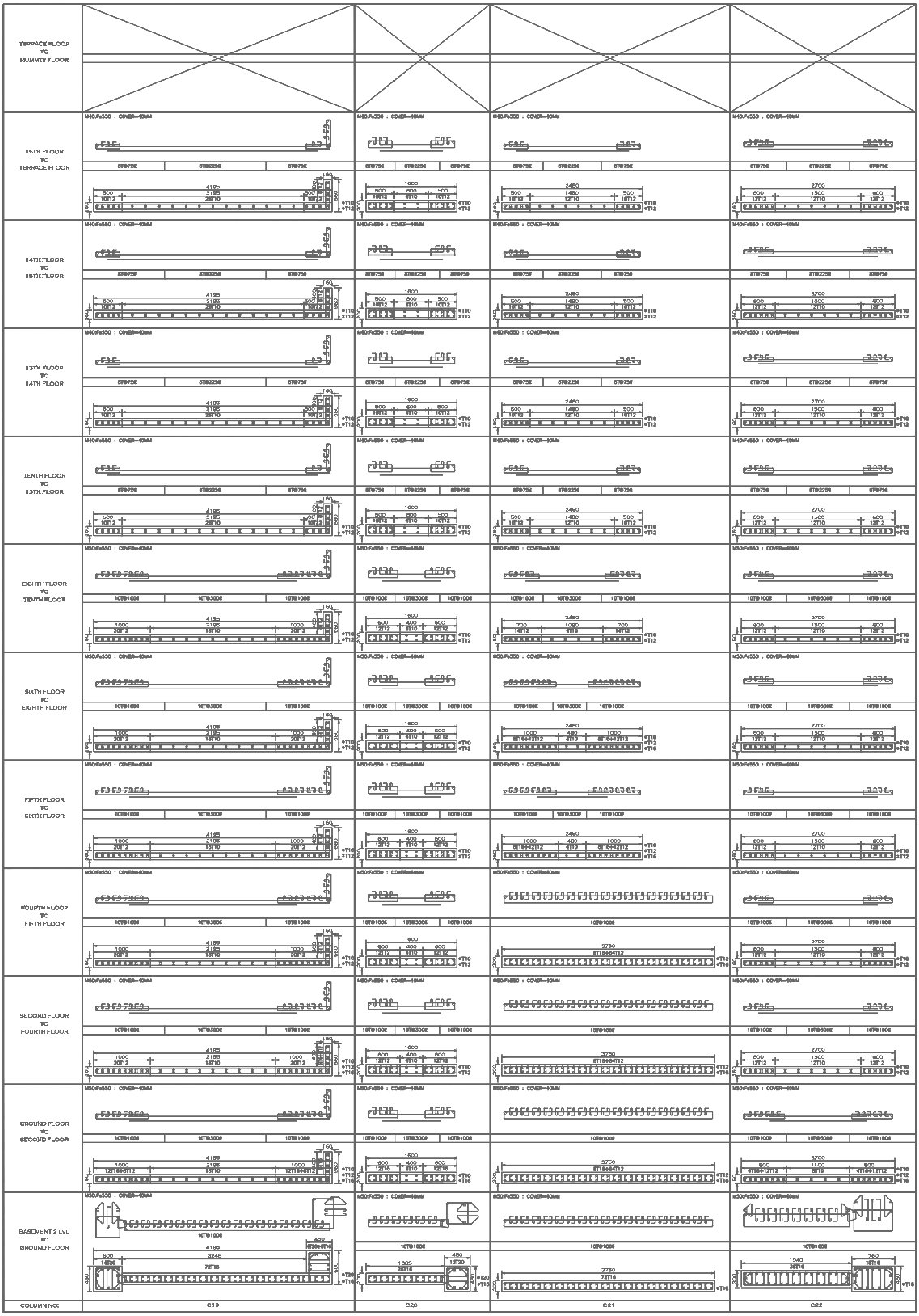
ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-
TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1298/TSL 30	R0	08/10/2025

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OFFICE NO-402, 4TH FLOOR, WING-L, [illegible]
PUNE, MAHARASHTRA
E-MAIL: [illegible]
WEBSITE: [illegible]



NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE MIX M40 FE 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR(NO FLOOR PROVISION)
"T" INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1296/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296 T-B/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/06/1A
FOR COMBINED FOOTING DETAILS REFER DRG.NO-1296 T-B/02

REVISION	DATE	DESCRIPTION	SIGN.
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DRG. TITLE:-
COLUMN & SHEAR WALL DETAILS
PART-8/14

PROJECT:-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI, T.N.

ARCHITECT:-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT:-

DRAWN BY:-	CHECKED BY:-	SCALE:-
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DRG. NO.	REVISION	DATE
1296. T-B/38	R0	08/10/2025

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TERRACE FLOOR TO MUMMTY FLOOR						
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 4T16+12T12; 300; •T12 •T16	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	500: 14T16; 300; •T16	2770: 500 10T12 / 1770 14T10 / 500 10T12; 60; 900; •T16 •T12	1400: 6T16+24T12; 300; •T12 •T16
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 16T12; 300; •T12	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 500 10T12 / 1770 14T10 / 500 10T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 16T12; 300; •T12	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 500 10T12 / 1770 14T10 / 500 10T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM	M40:Fe550 : COVER=40MM
	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E	8T@75E | 8T@225E | 8T@75E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 16T12; 300; •T12	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 500 10T12 / 1770 14T10 / 500 10T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E | 10T@300E | 10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 16T12; 300; •T12	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 700 14T12 / 1370 10T10 / 700 14T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E | 10T@300E | 10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 16T12; 300; •T12	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 700 14T12 / 1370 10T10 / 700 14T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E | 10T@300E | 10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	16T@100E
	1785: 500 10T12 / 785 8T10 / 500 10T12; 600; •T10 •T12	700: 16T12; 300; •T12	1570: 500 10T12 / 570 4T10 / 500 10T12; 200; •T10 •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 700 14T12 / 1370 10T10 / 700 14T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E	10T@100E	10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	16T@100E
	2770: 52T12; •T12	700: 16T12; 300; •T12	2800: 56T12; 200; •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 700 14T12 / 1370 10T10 / 700 14T12; 60; 900; •T10 •T12	1400: 6T16+24T12; 300; •T12 •T16
SECOND FLOOR TO FOURTH FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E	10T@100E	10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	16T@100E
	2770: 52T12; •T12	700: 10T16+8T12; 300; •T12 •T16	2800: 56T12; 200; •T12	800: 6T16+8T12; 300; •T12 •T16	2770: 700 8T16+8T12 / 1370 10T10 / 700 14T12; 60; 900; •T10 •T12 •T16	1400: 16T16+24T12; 300; •T12 •T16
GROUND FLOOR TO SECOND FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E	10T@100E	10T@100E	10T@100E	10T@100E | 10T@300E | 10T@100E	16T@100E
	2770: 52T12; •T12	700: 10T16+8T12; 300; •T12 •T16	2800: 56T12; 200; •T12	800: 6T20+8T16; 300; •T20 •T16	2770: 700 8T16+8T12 / 1370 10T10 / 700 8T16+8T12; 60; 900; •T10 •T12 •T16	1400: 16T16+24T12; 300; •T12 •T16
BASEMENT 2 LVL TO GROUND FLOOR	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM	M50:Fe550 : COVER=40MM
	10T@100E; 740 16T16 / 4089 2629 / 700 16T16; 50T16; 450; •T16	10T@100E	10T@100E; 2800 56T16; 350; •T16	10T@100E; 500 12T20+4T20; 450; 450	10T@100E; 3289 66T16; 450; 300; 800	16T@100E; 1400 32T16; 450; •T16
COLUMN NO:	C23,C23A,C23B	C24	C25			C25C

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE M40 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2B BASEMENT+GROUND+15 FLOORS+ TERRACE FLOORING FLOOR PROVISION
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES 1236/GN
FOR FOUNDATION PLAN REFER DRG.NO-1236/TS/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1236/TS. 1A
FOR COMBINED FOOTING DETAILS REFER DRG.NO-1236/TS/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	09/10/2025	ADVANCE COPY	

DRG. TITLE : COLUMN & SHEAR WALL DETAILS PART-2/14

PROJECT : PROPOSED RESIDANTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI-TN.

ARCHITECT : KARADIA ASSOCIATES DIVISION LLP.

CLIENT : TVS

DRAWN BY :	CHECKED BY :	SCALE :
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1236. TS/2F	R0	09/10/2025

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Tel: 044-4567 4000, 4211 4500
E-mail: structures.pune@gmail.com
Website: www.designage.net

TERRACE FLOOR TO MUMTY FLOOR			M40:Fe550 : COVER=40MM 6T@75C 1800 10T25+2ØT20 300 •T20 •T25	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 5T16 4T10 5T16 300 •T10 •T16	
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 6T@75C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 4070 500 3070 500 10T12 24T10 10T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C 1800 10T20+2ØT16 300 •T16 •T20	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 6T@75C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 4070 500 3070 500 10T12 24T10 10T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C 1800 10T16+2ØT12 300 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 6T@75C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 4070 500 3070 500 10T12 24T10 10T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C 1800 6T16+3ØT12 300 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
12TH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 6T@75C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 4070 500 3070 500 10T12 24T10 10T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C 1800 6T16+3ØT12 300 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
11TH FLOOR TO 12TH FLOOR	M40:Fe550 : COVER=40MM 6T@75C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 4070 500 3070 500 10T12 24T10 10T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C 1800 6T16+3ØT12 300 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
TENTH FLOOR TO 11TH FLOOR	M40:Fe550 : COVER=40MM 6T@75C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 4070 500 3070 500 10T12 24T10 10T12 440 6T12 50 600 60 •T10 •T12	M40:Fe550 : COVER=40MM 6T@75C 1800 6T16+3ØT12 300 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M40:Fe550 : COVER=40MM 6T@75C | 6T@225C | 6T@75C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100C 1120 22T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 4070 1000 2070 1000 20T12 18T10 20T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C 1800 6T16+3ØT12 300 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 2225 800 1225 500 10T12 10T10 10T12 150 •T10 •T12
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100C 1120 32T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 4070 1000 2070 1000 20T12 18T10 20T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C 1800 6T16+3ØT12 300 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 2225 700 825 700 8T16+8T12 6T10 8T16+8T12 150 •T10 •T12 •T16
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100C 1120 32T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 4070 1000 2070 1000 20T12 18T10 20T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C 1800 6T16+3ØT12 300 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 2225 700 825 700 8T16+8T12 6T10 8T16+8T12 150 •T10 •T12 •T16
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100C 2000 40T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 4070 1000 2070 1000 20T12 18T10 20T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C 1800 6T16+3ØT12 300 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C 3420 6T16+9ØT12 300 •T12 •T16
SECOND FLOOR TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100C 2000 40T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 4070 1000 2070 1000 20T12 18T10 20T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C 1800 6T16+3ØT12 300 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C 3420 6T16+9ØT12 300 •T12 •T16
GROUND FLOOR TO SECOND FLOOR	M50:Fe550 : COVER=40MM 10T@100C 2000 40T12 440 6T12 50 600 60 •T10 •T12	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 4070 1000 2070 1000 20T16 18T10 20T16 440 6T12 50 600 60 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C 1800 6T16+3ØT12 300 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C | 10T@300C | 10T@100C 1940 800 340 800 6T16+12T12 4T10 6T16+12T12 300 •T10 •T12 •T16	M50:Fe550 : COVER=40MM 10T@100C 3420 6T16+9ØT12 300 •T12 •T16
BASEMENT 2 LVL TO GROUND FLOOR	M50:Fe550 : COVER=40MM 10T@100C 2000 42T16 280 350 600 •T16	M50:Fe550 : COVER=40MM 10T@100C 3505 450 4T36+4T16 500 3146 14T20 70T16 450 600 450 •T20 •T16	M50:Fe550 : COVER=40MM 10T@100C 1485 450 30T16 12T28 350 •T28 •T16	M50:Fe550 : COVER=40MM 10T@100C 1940 40T16 •T16	M50:Fe550 : COVER=40MM 10T@100C 3420 6ØT16 •T16
COLUMN NO:	C28	C27	C28	C28A	C28

NOTES

- REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
- THIS DWG IS NOT TO BE SCALED.
- USE Fe415 IS 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
- USE Fe415 IS 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
- BUILDING IS DESIGNED FOR 25 BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR+MUMTY FLOOR PROVISION.
- "T" INDICATES TOR STEEL.
- READ THIS DRAWING ALONG WITH GENERAL NOTES 1236/GEN
- FOR FOUNDATION PLAN REFER DRG.NO-1236/STR/01
- FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1236/STR. 1A
- FOR COMBINED FOOTING DETAILS REFER DRG.NO-1236/STR/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	09/10/2025	ADVANCE COPY	

DRG. TITLE :- COLUMN & SHEAR WALL DETAILS FAR=6/14

PROJECT :- PROPOSED RESIDANTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI-TN.

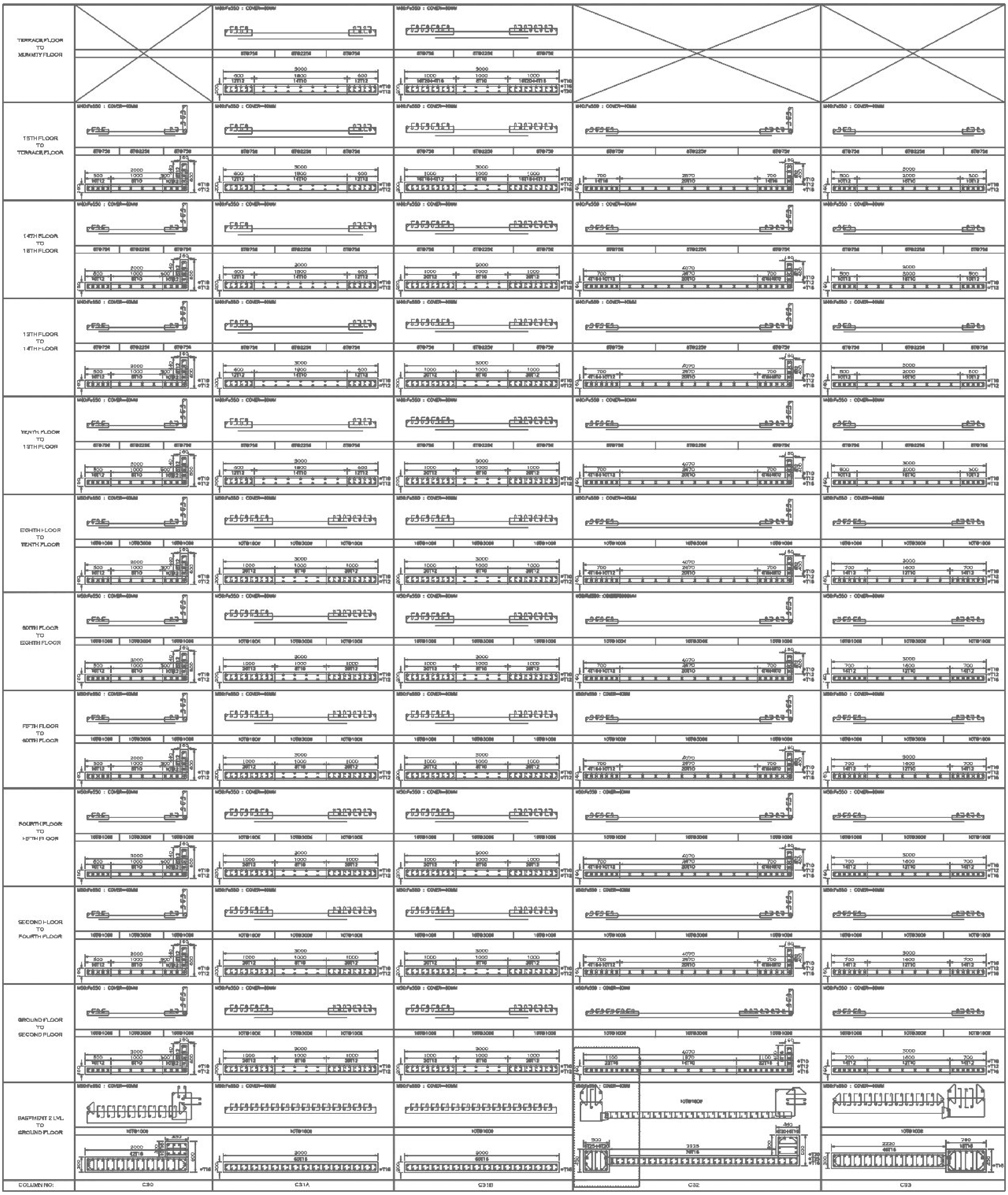
ARCHITECT :- KARADIA ASSOCIATES DIVISION I P.

CLIENT :- TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1236/STR/ 3C	R0	09/10/2025

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OFFICE NO-402, 4TH FLOOR, MIND-L HEAVEN, S. P. INVESTIGATION HOUSE, NEAR V. IDHYAN PETROL PUMP, VELACHERY MAIN ROAD, PURUSAWALKAM, CHENNAI-600 032
Tel: 044-42627, 42711 (4 LINES)
E-mail: structures.pune@gmail.com
WEBSITE: www.designageconsultants.com



NOTES

- # REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
- # THIS DWG. IS NOT TO BE SCALED.
- # USE M50 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
- # USE M40 Fe 550 STEEL, 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
- # BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
- # "T" INDICATES TOR STEEL.
- # READ THIS DRAWING ALONG WITH GENERAL NOTES-1296/GN
- # FOR FOUNDATION PLAN REFER DRG.NO.1296/TS/0
- # FOR COLUMN FOOTING SCHEDULE REFER DRG.NO.1296/TS/1A
- # FOR COMBINED FOOTING DETAILS REFER DRG.NO.1296/TS/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	05/10/2025	ADVANCE COPY	

DRG. TITLE:- COLUMN & SHEAR WALL DETAILS PART - 14

PROJECT:- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI, T.N.

ARCHITECT:- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT:- TVS

DRAWN BY:-	CHECKED BY:-	SCALE:-
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1296/TS/?	R0	05/10/2025

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NOTES

- # REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
- # THIS DWG. IS NOT TO BE SCALED.
- # USE MIN M50 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
- # USE MIN M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
- # BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
- # "T" INDICATES TOR STEEL
- # READ THIS DRAWING ALONG WITH GENERAL NOTES-1296/GN
- # FOR FOUNDATION PLAN REFER DRG.NO-1296/T6/01
- # FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/T6/1A
- # FOR COMBINED FOOTING DETAILS REFER DRG.NO-1296/T6/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	05/10/2025	ADVANCE COPY	

DRG. TITLE :- COLUMN & SHEAR WALL DETAILS PART-10/14

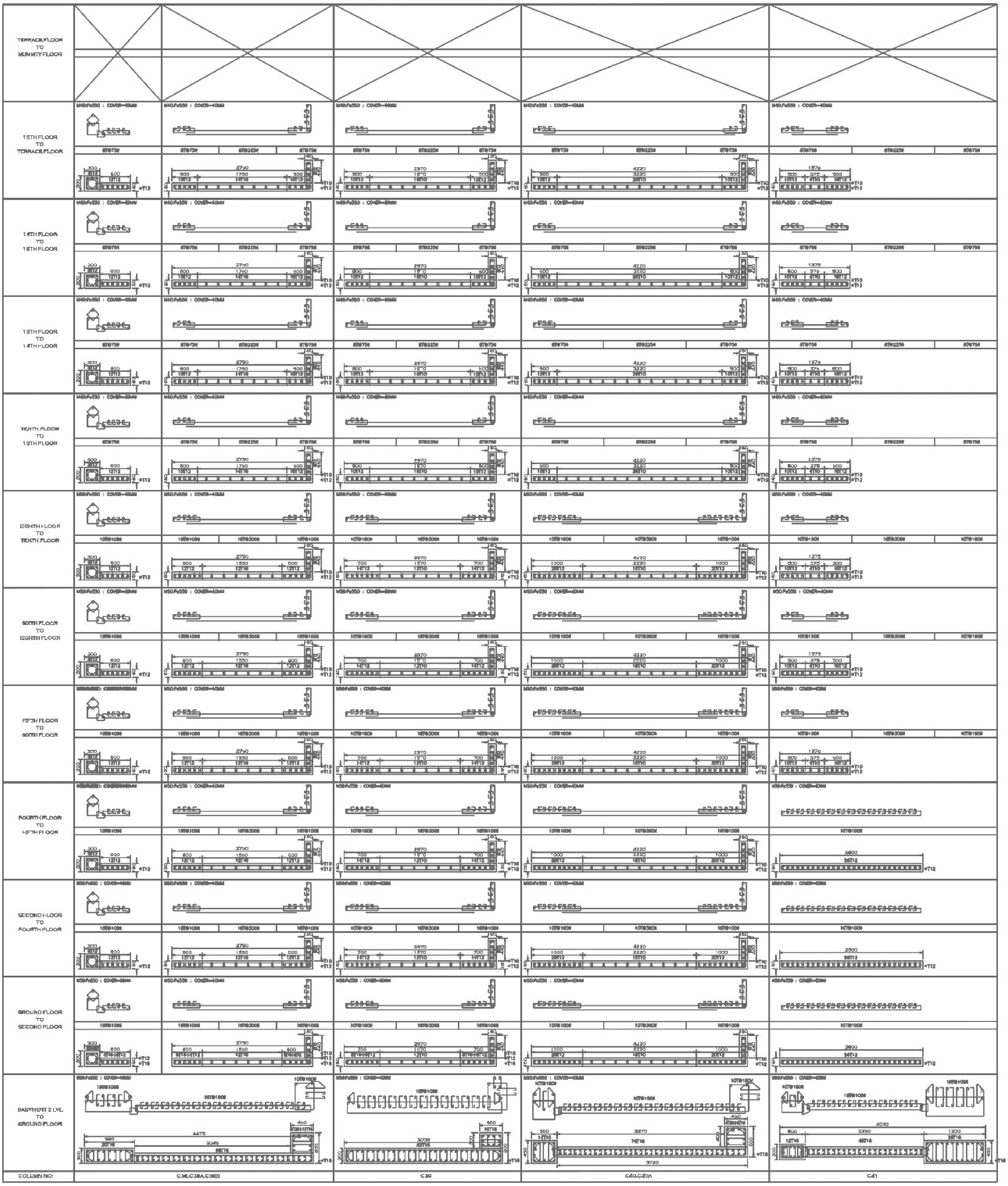
PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI, T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
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DRG. NO.	REVISION	DATE
1296/T6/3	R0	06/10/2025

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NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE RMC M 50 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE RMC M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
"T" INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES 1284/GN
FOR FOUNDATION PLAN REFER DRG.NO 1284/TS/0
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO 1284/TS/1A
FOR COMBINED FOOTING DETAILS REFER DRG.NO 1284/TS/02

REVISION	DATE	DESCRIPTION	SIGN.
R0	05/10/2026	ADVANCE COPY	

DRG. TITLE :- COLUMN & SHEAR WALL DETAILS PART-11/14

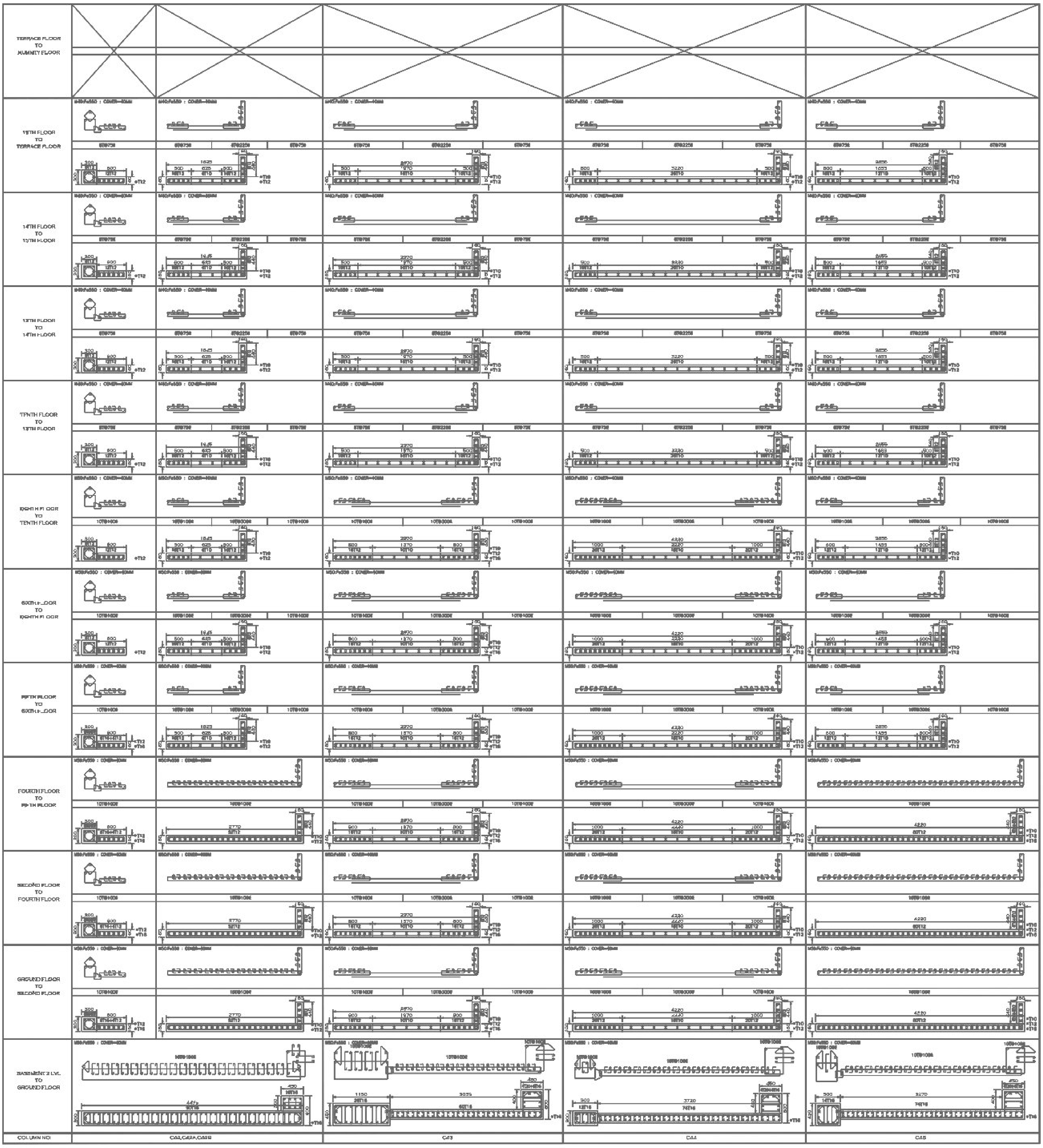
PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI, T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

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SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1284/TS/3J	R0	05/10/2026

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NOTES

1) REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE M 60 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M40 FE 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
"T" INDICATES TOP STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES 1296/GN
FOR FOUNDATION PLAN REFER DRG.NO 1296/TS/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO 1296/TS/1A
FOR COMBINED FOOTING DETAILS REFER DRG.NO 1296/TS/02

REVISION	DATE	DESCRIPTION	SIGN
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DRG. TITLE :-
COLUMN & SHEAR WALL DETAILS
PART-IV 14
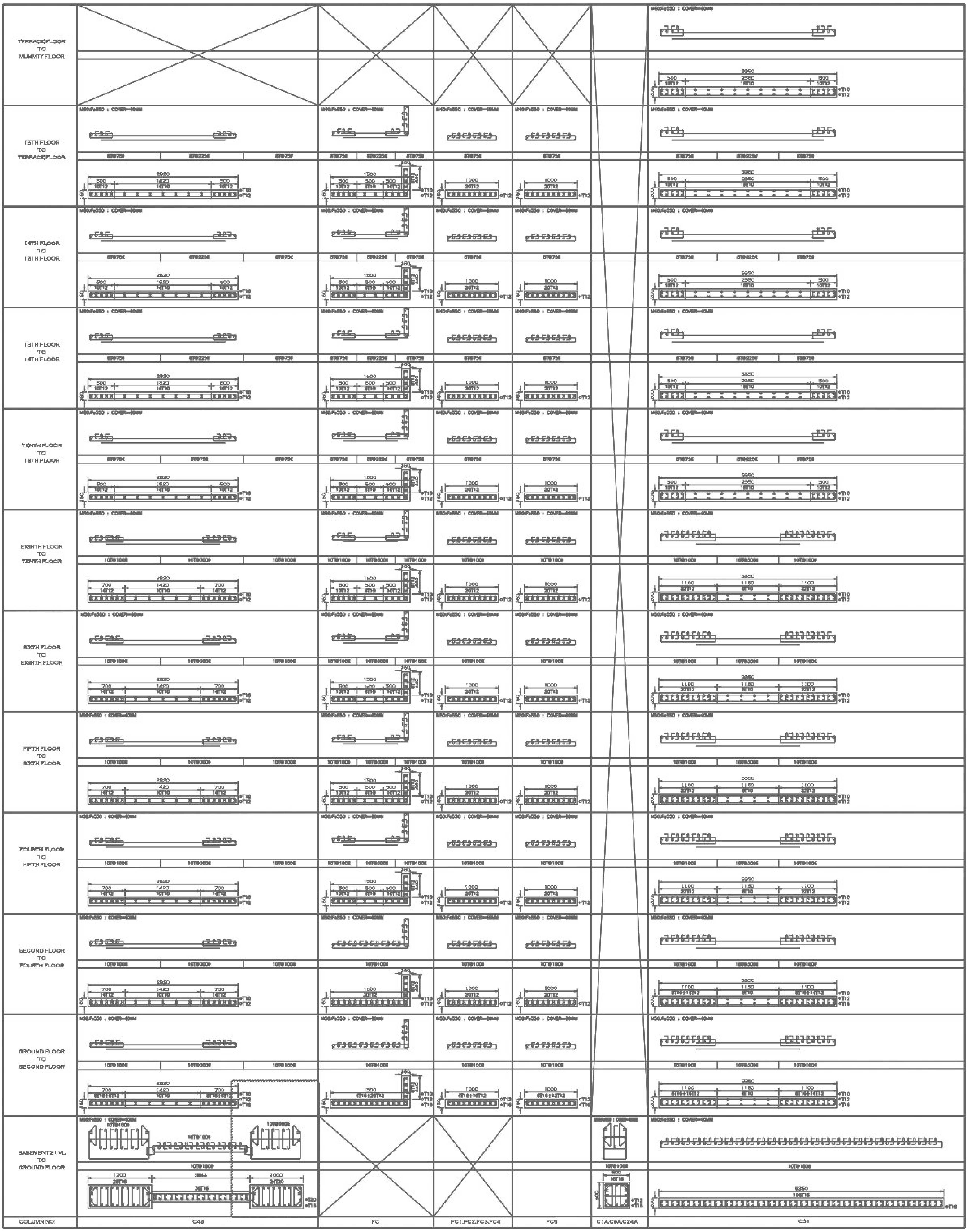
PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD (PTR)
CHENNAI T.N.

ARCHITECT :-
KARDIA ASSOCIATES
DESIGN LLP.

CLIENT :-
TVS

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SANDESH	T.S.P./S.G.S.	1:100
DRG. NO.	REVISION	DATE
1296/TS/34	R0	08/10/2025

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NOTES

- # REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
- # THIS DWG. IS NOT TO BE SCALED.
- # USE M50 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
- # USE M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
- # BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR(NO FLOOR PROVISION)
- # "T" INDICATES TOR STEEL
- # READ THIS DRAWING ALONG WITH GENERAL NOTES-1286/GN
- # FOR FOUNDATION PLAN REFER DRG.NO-1286/TB/0
- # FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1286/TB/1A
- # FOR COMBINED FOOTING DETAILS REFER DRG.NO-1286/TB/02

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DRG. TITLE:- COLUMN & SHEAR WALL DETAILS PART-13/14

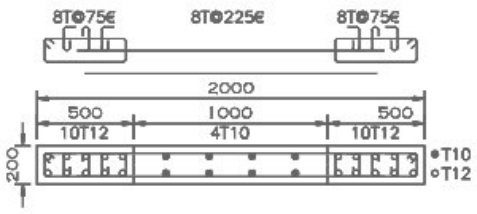
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ARCHITECT:- KAPADIA ASSOCIATES DESIGN LLP.

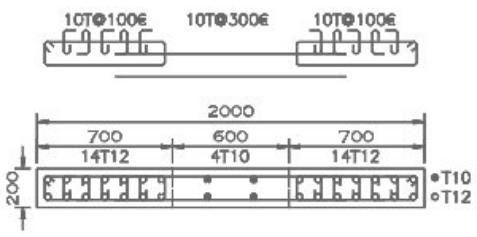
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DRG. NO.	REVISION	DATE
1286 TB/3L	R0	06/10/2025

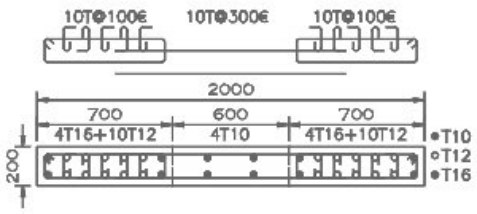
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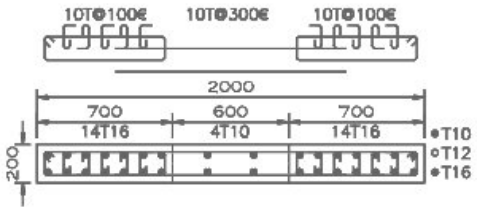
10TH TO TERRACE FLOOR
FOR COLUMN NO.C34



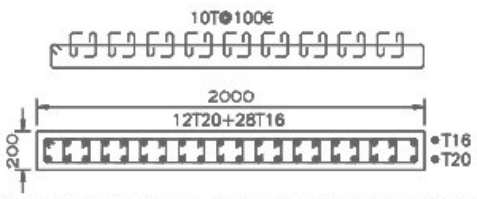
6TH TO 10TH FLOOR
FOR COLUMN NO.C34



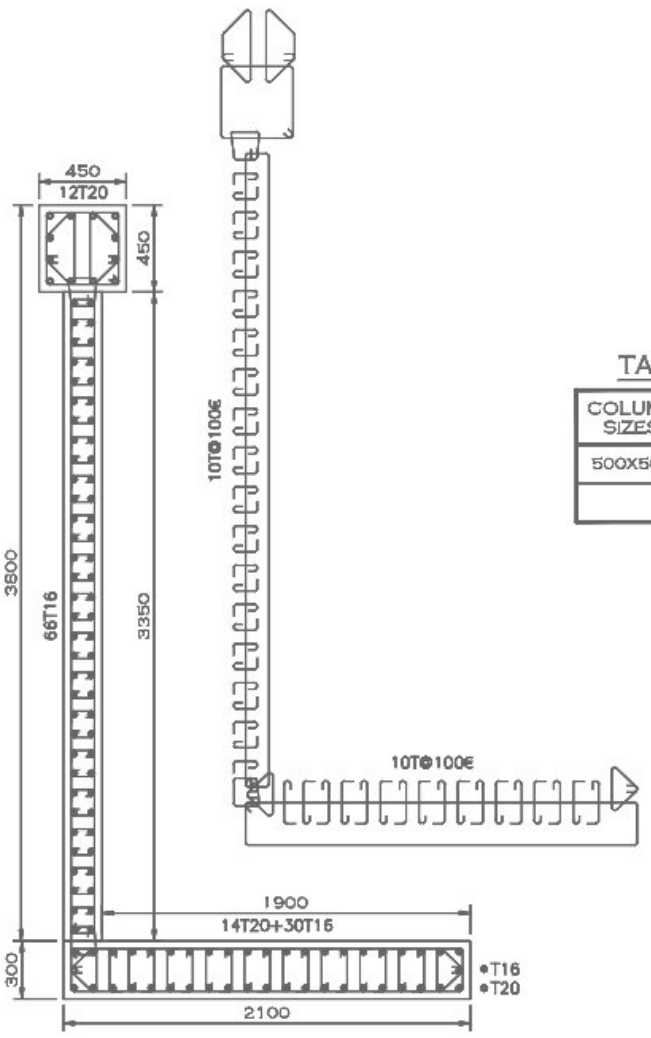
FOURTH TO SIXTH FLOOR
FOR COLUMN NO.C34



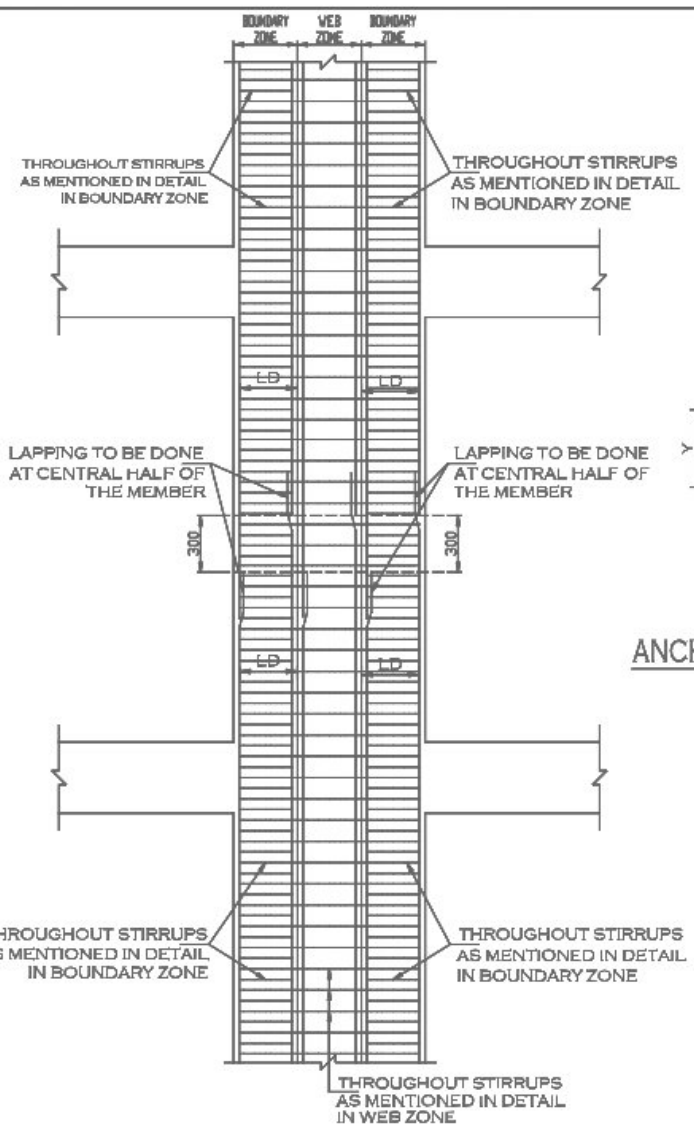
SECOND FLOOR TO FOURTH FLOOR
FOR COLUMN NO.C34



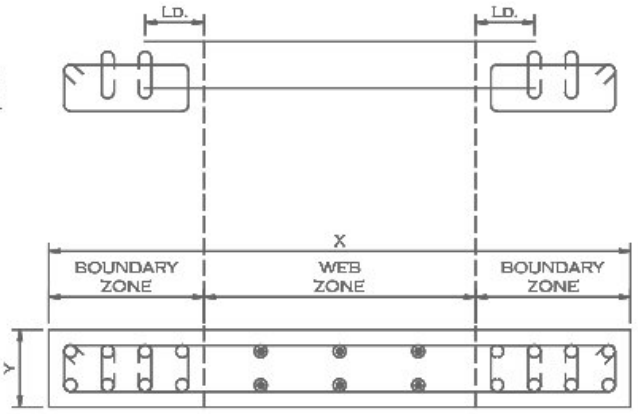
GROUND FLOOR TO SECOND FLOOR
FOR COLUMN NO.C34



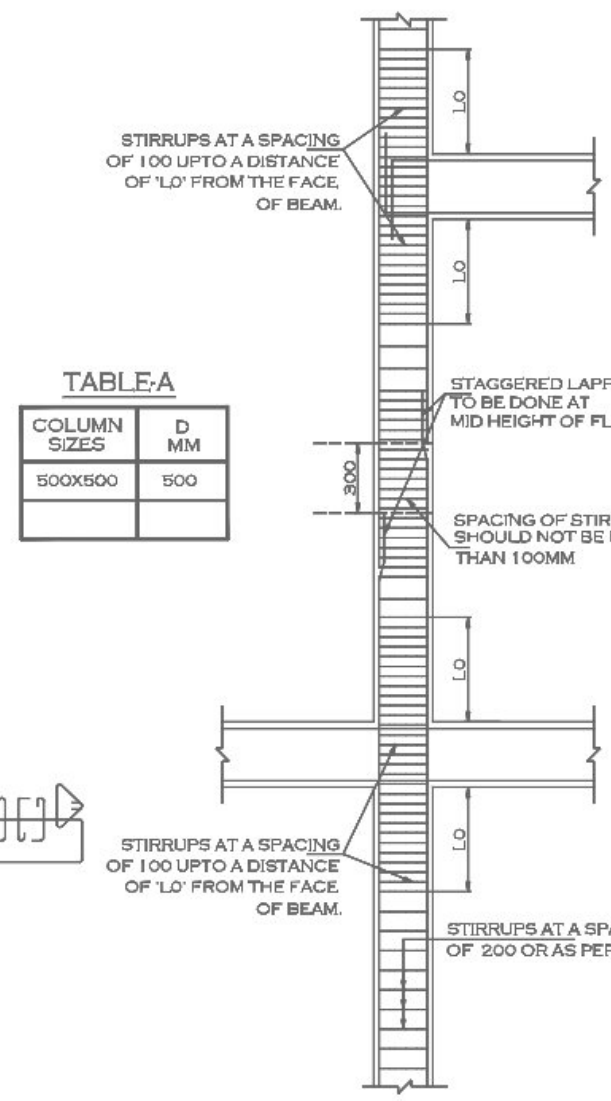
BASEMENT 2 TO GROUND FLOOR
FOR COLUMN NO.C34,C34A



TYPICAL SHEAR WALL DETAIL



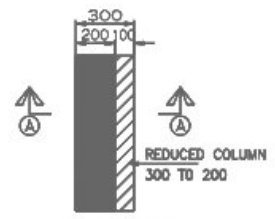
TYPICAL DETAIL FOR
ANCHORAGE OF WEB REINFORCEMENT IN BOUNDRAY ZONE



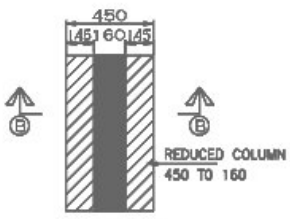
TYPICAL COLUMN DETAIL

TABLE-A

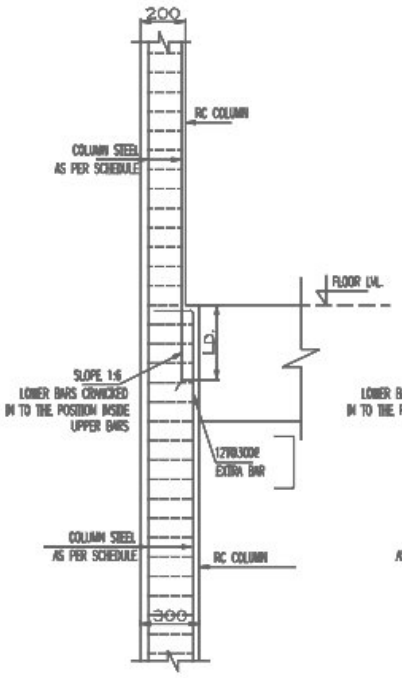
COLUMN SIZES	D MM
500X500	500



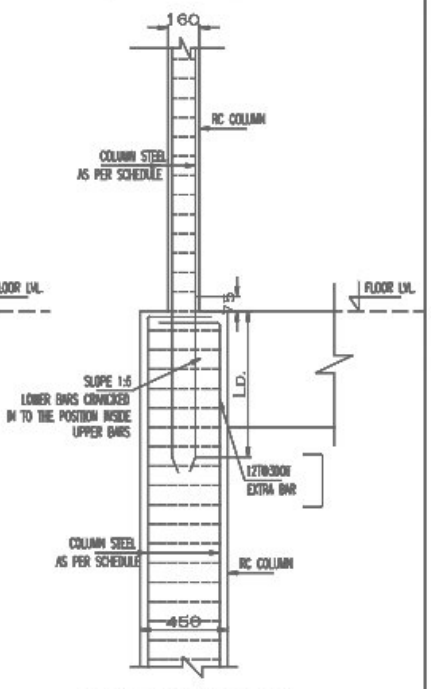
PLAN-1



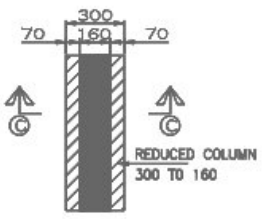
PLAN-2



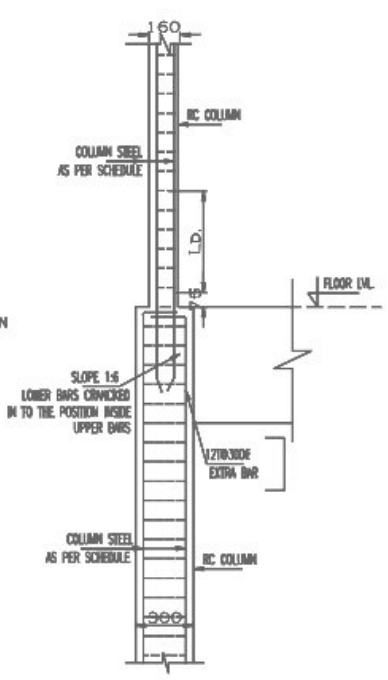
SECTION : A-A



SECTION : B-B



PLAN-3



SECTION : C-C

			DRG. TITLE :-
R0	08/10/2025	ADVANCE COPY	
REVISION	DATE	DESCRIPTION	SIGN.

COLUMN & SHEAR WALL DETAILS
PART-14/14

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI .T.N.

ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-
TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P.	1:100
DRG. NO.	REVISION	DATE
1298/T-S/3M	R0	08/10/2025

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PUNE, MAHARASHTRA -411022
Tel-9011074607, 90110 6856
EMAIL - structure.pune@gmail.com
WEB SITE -www.designageconsultants.com

TERRACE FLOOR TO MUMTY FLOOR				
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M40:Fe550 : COVER=40MM 8T@75E 1100 (22T12) •T12	M40:Fe550 : COVER=40MM 8T@75E 950 (4T20+14T16)	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 3570 (500 10T12 | 2570 20T10 | 500 10T12) •T10 •T12 •T16
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M40:Fe550 : COVER=40MM 8T@75E 1100 (22T12) •T12	M40:Fe550 : COVER=40MM 8T@75E 950 (18T16)	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 3570 (500 10T12 | 2570 20T10 | 500 10T12) •T10 •T12 •T16
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M40:Fe550 : COVER=40MM 8T@75E 1100 (22T12) •T12	M40:Fe550 : COVER=40MM 8T@75E 950 (18T16)	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 3570 (500 10T12 | 2570 20T10 | 500 10T12) •T10 •T12 •T16
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M40:Fe550 : COVER=40MM 8T@75E 1100 (22T12) •T12	M40:Fe550 : COVER=40MM 8T@75E 950 (12T16+6T12) •T12 •T16	M40:Fe550 : COVER=40MM 8T@75E | 8T@225E | 8T@75E 3570 (500 10T12 | 2570 20T10 | 500 10T12) •T10 •T12 •T16
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M50:Fe550 : COVER=40MM 10T@100E 1100 (22T12) •T12	M50:Fe550 : COVER=40MM 10T@100E 950 (12T16+6T12) •T12 •T16	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 3570 (500 10T12 | 2570 20T10 | 500 10T12) •T10 •T12 •T16
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M50:Fe550 : COVER=40MM 10T@100E 1100 (22T12) •T12	M50:Fe550 : COVER=40MM 10T@100E 950 (12T16+6T12) •T12 •T16	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 3570 (500 10T12 | 2570 20T10 | 500 10T12) •T10 •T12 •T16
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M50:Fe550 : COVER=40MM 10T@100E 1100 (22T12) •T12	M50:Fe550 : COVER=40MM 10T@100E 950 (12T16+6T12) •T12 •T16	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 3570 (700 14T12 | 2170 16T10 | 700 14T12) •T10 •T12 •T16
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M50:Fe550 : COVER=40MM 10T@100E 1100 (22T12) •T12	M50:Fe550 : COVER=40MM 10T@100E 950 (12T16+6T12) •T12 •T16	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 3570 (700 14T12 | 2170 16T10 | 700 14T12) •T10 •T12 •T16
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 2200 (500 14T12 | 1200 10T10 | 500 14T12) •T10 •T12	M50:Fe550 : COVER=40MM 10T@100E 1100 (22T12) •T12	M50:Fe550 : COVER=40MM 10T@100E 950 (12T16+6T12) •T12 •T16	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 3570 (700 14T12 | 2170 16T10 | 700 14T12) •T10 •T12 •T16
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 2200 (700 14T12 | 800 8T10 | 700 14T12) •T10 •T12	M50:Fe550 : COVER=40MM 10T@100E 1100 (22T16) •T16	M50:Fe550 : COVER=40MM 10T@100E 950 (4T20+14T16) •T16 •T20	M50:Fe550 : COVER=40MM 10T@100E | 10T@300E | 10T@100E 3570 (1100 8T16+14T12 | 1370 10T10 | 1100 8T16+14T12) •T10 •T12 •T16
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100E 4454 (12T16 | 80T16) •T16	M50:Fe550 : COVER=40MM 10T@100E 2170 (8T20+4T16 | 16T20+18T16) •T16 •T20	M50:Fe550 : COVER=40MM 10T@100E 950 (6T20+14T16) •T16 •T20	M50:Fe550 : COVER=40MM 10T@100E 4180 (12T16 | 72T16) •T16
COLUMN NO:	C1	C3	C3A	C3

NOTES:

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DRAWING IS NOT TO BE SCALED.
USE MIX M50 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M40 & 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES 1286/GN
FOR FOUNDATION PLAN REFER DRG NO:1286/FDSC/01
FOR COLUMN FOOTING SCHEDULE REFER DRG NO:1286/FDSC/14

REV	17.10.2025	FOR APPROVAL	
REVISION	DATE	DESCRIPTION	SIGN.

DRG. TITLE:
COLUMN & SHEAR WALL DETAILS PART-1 / 12

PROJECT:
PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI-TN.

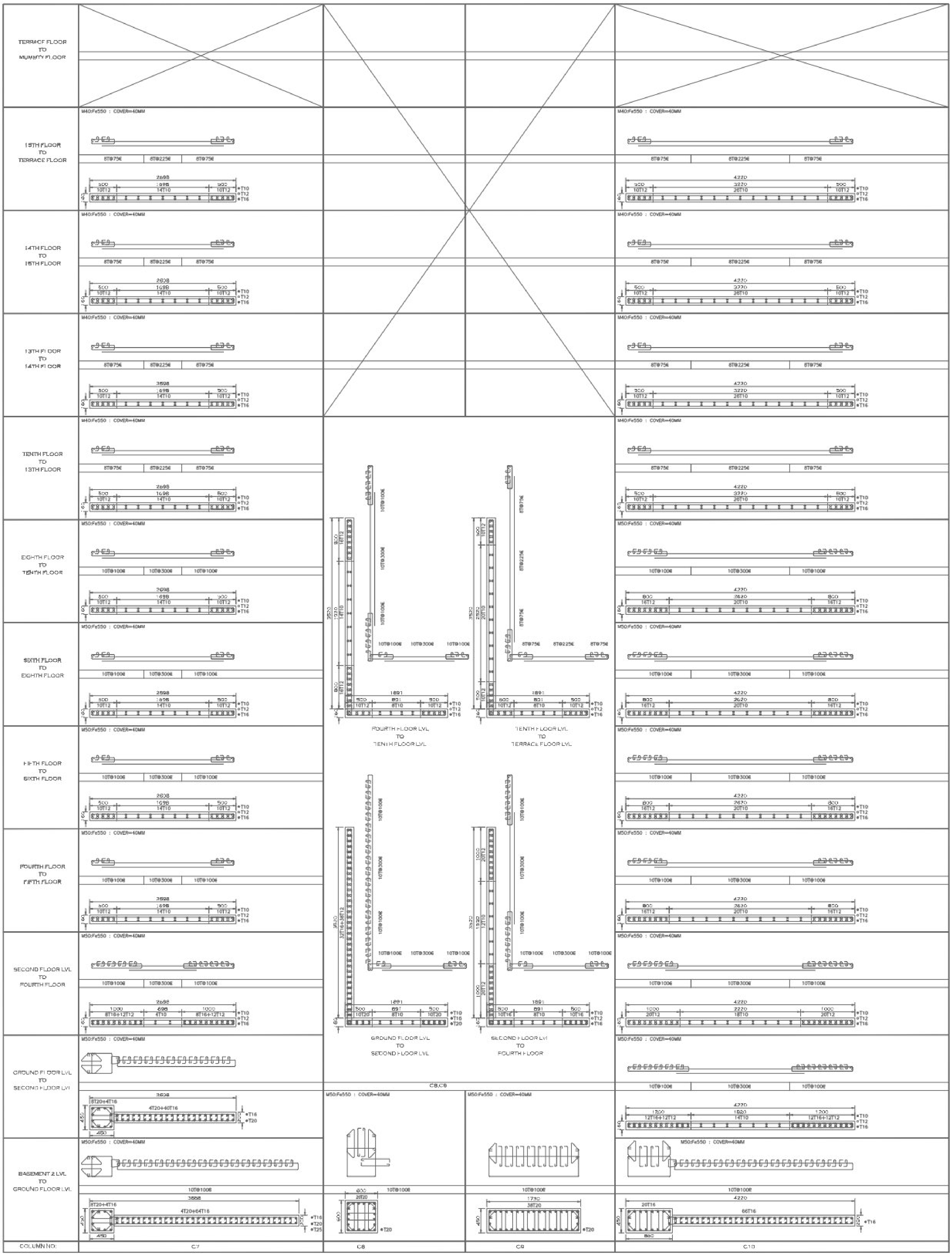
ARCHITECT:
KAPADIA ASSOCIATES DESIGN LLP.

CLIENT:
TVS

DRAWN BY: SANDESH	CHECKED BY: T.S.P. / M.S.S.	SCALE: 1:100
DRG. NO: 1286 / TDSC / 03	REVISION: 'R0'	DATE: 17/10/2025

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Tel: 020-67681100 / 67681200
Email: mumbai@dcpune@gmail.com
Website: www.designagecons.com



NOTES
REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG IS NOT TO BE SCALED.
USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE MIX M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT +GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1296/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/TDSE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/TDSE/14

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE :-
COLUMN & SHEAR WALL DETAILS
PART-3/12

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD (PTR)
CHENNAI, T.N.

ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-
TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P. / S.S.	1:100
DRG. NO.	REVISION	DATE
1296/TDSE/32	R0	17/10/2025

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DESIGNAGE

FLOOR	C4	C5	C8,C8A,C8B	
TERRACE FLOOR TO MUMMTY FLOOR				
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75€ / 8T@225€ / 8T@75€ 3570: 500 (10T12), 2570 (20T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 3310: 500 (10T12), 2310 (18T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 2010: 500 (10T12), 1010 (4T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 8T@75€ 700: 4T20+10T16; 200 ●T16 ●T20
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75€ / 8T@225€ / 8T@75€ 3570: 500 (10T12), 2570 (20T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 3310: 500 (10T12), 2310 (18T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 2010: 500 (10T12), 1010 (4T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 8T@75€ 700: 14T16; 200 ●T12 ●T16
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75€ / 8T@225€ / 8T@75€ 3570: 500 (10T12), 2570 (20T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 3310: 500 (10T12), 2310 (18T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 2010: 500 (10T12), 1010 (4T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 8T@75€ 700: 14T16; 200 ●T12 ●T16
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75€ / 8T@225€ / 8T@75€ 3570: 500 (10T12), 2570 (20T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 3310: 500 (10T12), 2310 (18T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M40:Fe550 : COVER=40MM 8T@75€ / 8@225 / 8T@75€ 2010: 500 (10T12), 1010 (4T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 8T@75€ 700: 14T16; 200 ●T12 ●T16
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3570: 500 (10T12), 2570 (20T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3310: 500 (10T12), 2310 (18T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 2010: 500 (10T12), 1010 (4T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 700: 14T16; 200 ●T12 ●T16
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3570: 700 (14T12), 2170 (16T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3310: 700 (14T12), 1910 (14T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 2010: 500 (10T12), 1010 (4T10), 500 (10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 700: 14T16; 200 ●T12 ●T16
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3570: 700 (14T12), 2170 (16T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3310: 700 (14T12), 1910 (14T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 2010: 700 (14T12), 610 (4T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 700: 14T16; 200 ●T12 ●T16
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3570: 700 (14T12), 2170 (16T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3310: 700 (14T12), 1910 (14T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 2010: 700 (14T12), 610 (4T10), 700 (14T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 700: 14T16; 200 ●T12 ●T16
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3570: 1000 (20T12), 1570 (12T10), 1000 (20T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3310: 1000 (20T12), 1310 (10T10), 1000 (20T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 2010: 700 (4T16+10T12), 610 (4T10), 700 (4T16+10T12); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 700: 14T16; 200 ●T12 ●T16
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100€ / 10T@300€ / 10T@100€ 3570: 1100 (22T16), 1370 (10T10), 1100 (22T16); 160 ●T10 ●T12 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 3310: 66T16; 160 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 2010: 4T20+36T16; 160 ●T16 ●T20	M50:Fe550 : COVER=40MM 10T@100€ 700: 14T16; 200 ●T12 ●T16
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100€ 4150; 12T16; 72T16; 450; 475; 200 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 3900; 12T16; 68T16; 450; 475; 200 ●T16	M50:Fe550 : COVER=40MM 10T@100€ 3900; 8T20+4T16; 4T20+64T16; 450; 475; 200 ●T16 ●T20	
COLUMN NO:	C4	C5	C8,C8A,C8B	

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG IS NOT TO BE SCALED.
USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE MIX M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2BASEMENT +GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1296/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/T-DBE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/T-DBE 1A

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE :- COLUMN & SHEAR WALL DETAILS PART-2/12

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI, T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P. / S.S.S.	1:100
DRG. NO.	REVISION	DATE
1296/T-DBE/3A	R0	17/10/2025

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COLUMN & SHEAR WALL DETAILS PART-4/12

FLOOR	C13	C16A	C16B	C16C	C18
TERRACE FLOOR TO MUMMTY FLOOR	–	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 3670; 500 10T12 / 2670 20T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1895; 600 4T20+8T16 / 695 6T10 / 600 4T20+8T16; 200; ●T10 ●T16 ●T20	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1458; 500 4T20+8T16 / 458 4T10 / 500 4T20+8T16; 200; ●T10 ●T16 ●T20	–
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 3670; 500 10T12 / 2670 20T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1895; 600 12T16 / 695 6T10 / 600 12T16; 200; ●T10 ●T16 ●T20	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1458; 500 4T16+8T12 / 458 4T10 / 500 4T16+8T12; 200; ●T10 ○T12 ●T16	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 3670; 500 10T12 / 2670 20T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 3670; 500 10T12 / 2670 20T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 3670; 500 10T12 / 2670 20T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 3670; 500 10T12 / 2670 20T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 3670; 800 16T12 / 2070 16T10 / 800 16T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 3670; 800 16T12 / 2070 16T10 / 800 16T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c; 2970; 56T12; 200; ●T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 3670; 800 16T12 / 2070 16T10 / 800 16T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2770; 500 10T12 / 1770 14T10 / 500 10T12; 160; ●T10 ○T12
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c; 2970; 8T16+48T12; 200; ○T12 ●T16	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 3670; 900 18T12 / 1870 14T10 / 900 18T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2770; 600 12T12 / 1570 12T10 / 600 12T12; 160; ●T10 ○T12
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM; 10T@100c; 2970; 56T16; 200; ●T16	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 3670; 900 18T12 / 1870 14T10 / 900 18T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1895; 600 12T12 / 695 6T10 / 600 12T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1458; 500 10T12 / 458 4T10 / 500 10T12; 200; ●T10 ○T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2770; 600 12T12 / 1570 12T10 / 600 12T12; 160; ●T10 ○T12
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM; 10T@100c; 4220; 20T16; 66T16; 850; 450; 200; ●T16	M50:Fe550 : COVER=40MM; 10T@100c; 3670; 74T16; 300; ●T16	M50:Fe550 : COVER=40MM; 10T@100c; 1895; 36T16; 200; ●T16	M50:Fe550 : COVER=40MM; 10T@100c; 1458; 30T16; 300; ●T16	M50:Fe550 : COVER=40MM; 10T@100c; 2770; 20T16; 38T16; 450; 850; 200; ●T16
COLUMN NO:	C13	C16A	C16B	C16C	C18

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DRG. IS NOT TO BE SCALED.
USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE MIX M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1298/GN
FOR FOUNDATION PLAN REFER DRG.NO-1298/T-DSE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1298/T-DSE/14

REVISION	DATE	DESCRIPTION	SIGN.
R0	17.10.2025	FOR APPROVAL	

DRG. TITLE:- COLUMN & SHEAR WALL DETAILS PART-4/12

PROJECT:- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI, T.N.

ARCHITECT:- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT:- TVS

DRAWN BY:-	CHECKED BY:-	SCALE:-
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1298 T-DSE/20	R0	17/10/2025

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	C19A	C19B	C20	C21	C22A
TERRACE FLOOR TO MUMMTY FLOOR	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12			M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M40:Fe550 : COVER=40MM 8T@75c / 8T@225c / 8T@75c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2800: 500 (10T12), 1800 (14T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2210: 500 (10T12), 1210 (10T10), 500 (10T12); 180 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 3570: 600 (12T12), 2370 (18T10), 600 (12T12); 200 ●T10 ○T12
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1350: 500 (10T12), 350 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1600: 500 (10T12), 600 (4T10), 500 (10T12); 200 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 2800: 56T12; 200 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2210: 600 (12T12), 1010 (8T10), 600 (12T12); 180 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 3570: 1000 (4T16+16T12), 1570 (12T10), 1000 (4T16+16T12); 200 ●T10 ○T12
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 1350: 500 (10T16), 350 (4T10), 500 (10T16); 200 ●T10 ●T16	M50:Fe550 : COVER=40MM 10T@100c 1600: 32T12; 200 ○T12	M50:Fe550 : COVER=40MM 10T@100c 2800: 56T12; 200 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 2210: 600 (12T12), 1010 (8T10), 600 (12T12); 180 ●T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c / 10T@300c / 10T@100c 3570: 1000 (4T16+16T12), 1570 (12T10), 1000 (4T16+16T12); 200 ●T10 ○T12
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100c 1915: 32T20+6T16; 200 ●T16 ●T20	M50:Fe550 : COVER=40MM 10T@100c 1600: 34T16; 300 ●T16	M50:Fe550 : COVER=40MM 10T@100c 1800: 38T16; 300 ●T16	M50:Fe550 : COVER=40MM 10T@100c 3430: 12T16 (450 x 450), 58T16; 200 ●T16	M50:Fe550 : COVER=40MM 10T@100c 3570: 70T16; 200 ●T16
COLUMN NO:	C19A	C19B	C20	C21	C22A

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M50 FE550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M40 FE550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND+15 FLOORS+ TERRACE FLOOR(RING FLOOR PROV'SION)
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1298/GN
FOR FOUNDATION PLAN REFER DRG.NO-1298/T-0BE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1298/T0BE/1A

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE:- COLUMN & SHEAR WALL DETAILS PART-5/12

PROJECT:- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI, T.N.

ARCHITECT:- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT:- TVS

DRAWN BY:-	CHECKED BY:-	SCALE:-
SANDESH	T.S.P. / S.S.S.	1:100
DRG. NO.	REVISION	DATE
1298/T-0BE/20	R0	17/10/2025

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NOTES

COLUMN & SHEAR WALL DETAILS
PART-6 / 12

REVISION	DATE	DESCRIPTION	SIGN.
00	17/10/2023	FOR APPROVAL	

COLUMN NO:	C23B	C23C	C23A, C23A(2ND)	C24
BASEMENT 2 LVL TO GROUND FLOOR LVL	10T@100E	10T@100E	8T@75E	10T@100E
GROUND FLOOR LVL TO SECOND FLOOR LVL	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@100E	10T@100E | 10T@300E | 10T@100E
SECOND FLOOR LVL TO FOURTH FLOOR	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@100E	10T@100E | 10T@300E | 10T@100E
FOURTH FLOOR TO FIFTH FLOOR	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@100E	10T@100E | 10T@300E | 10T@100E
FIFTH FLOOR TO SIXTH FLOOR	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@100E	10T@100E | 10T@300E | 10T@100E
SIXTH FLOOR TO EIGHTH FLOOR	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@100E	10T@100E | 10T@300E | 10T@100E
EIGHTH FLOOR TO TENTH FLOOR	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@300E | 10T@100E	10T@100E | 10T@100E	10T@100E | 10T@300E | 10T@100E
TENTH FLOOR TO 13TH FLOOR	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@75E	8T@75E | 8T@225E | 8T@75E
13TH FLOOR TO 14TH FLOOR	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@75E	8T@75E | 8T@225E | 8T@75E
14TH FLOOR TO 15TH FLOOR	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@75E	8T@75E | 8T@225E | 8T@75E
15TH FLOOR TO TERRACE FLOOR	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@225E | 8T@75E	8T@75E | 8T@75E	8T@75E | 8T@225E | 8T@75E
TERRACE FLOOR TO MUMTY FLOOR		8T@75E | 8T@225E | 8T@75E		

COLUMN & SHEAR WALL DETAILS PART-7/12

TERRACE FLOOR TO MUMMTY FLOOR	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12			
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 500 (10T12), 1525 (12T10), 500 (10T12); 160; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2970: 500 (10T12), 1970 (16T10), 500 (10T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 500 (10T12), 1525 (12T10), 500 (10T12); 160; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2970: 500 (10T12), 1970 (16T10), 500 (10T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 500 (10T12), 1525 (12T10), 500 (10T12); 160; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2970: 500 (10T12), 1970 (16T10), 500 (10T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2525: 500 (10T12), 1525 (12T10), 500 (10T12); 160; •T10 ∘T12	M40:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 2970: 500 (10T12), 1970 (16T10), 500 (10T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 8T@75c / 8T@225c / 8T@75c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2525: 700 (14T12), 1125 (8T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2970: 700 (14T12), 1570 (12T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2525: 700 (14T12), 1125 (8T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2970: 700 (14T12), 1570 (12T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2525: 700 (14T12), 1125 (8T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2970: 700 (14T12), 1570 (12T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2525: 700 (14T12), 1125 (8T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2970: 700 (14T12), 1570 (12T10), 700 (14T12); 160; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1885: 500 (10T12), 885 (6T10), 500 (10T12); 160; •T10 ∘T12
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1600: 600 (12T12), 400 (4T10), 600 (12T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1500: 500 (10T12), 500 (4T10), 500 (10T12); 200; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2525: 800 (8T16+8T12), 925 (6T10), 800 (8T16+8T12); 160; •T10 ∘T12 •T16	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2970: 800 (4T16+12T12), 1370 (10T10), 800 (4T16+12T12); 160; •T10 ∘T12 •T16	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1885: 700 (4T16+10T12), 485 (4T10), 700 (4T16+10T12); 160; •T10 ∘T12
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM; 10T@100c; 1600: 24T16+8T12; 300; ∘T12 •T16	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 1500: 600 (4T16+8T12), 300 (4T10), 600 (4T16+8T12); 300; •T10 ∘T12	M50:Fe550 : COVER=40MM; 10T@100c; 2525: 50T16; 160; •T16	M50:Fe550 : COVER=40MM; 10T@100c / 10T@300c / 10T@100c; 2970: 1300 (26T16), 370 (4T10), 1300 (26T16); 160; •T10 •T16	M50:Fe550 : COVER=40MM; 10T@100c; M50:Fe550 : COVER=40MM; 1885: 32T16+4T12; 160; ∘T12 •T16
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM; 10T@100c; 1600: 28T16+6T12; 300; ∘T12 •T16	M50:Fe550 : COVER=40MM; 10T@100c; 1500: 32T16; 300; ∘T12 •T16	M50:Fe550 : COVER=40MM; 10T@100c; 2770: 20T16, 8T20+28T16; 450; 300; 900; •T20 •T16	M50:Fe550 : COVER=40MM; 10T@100c; 5755: 20T20, 98T16; 450; 200; 850; •T20 •T16	
COLUMN NO:	C25	C26	C27	C28,C29	

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M 50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL
USE MIX M 40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
IT INDICATES TOR STEEL
READ THIS DRAWING ALONG WITH GENERAL NOTES 1296 GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/T-DBE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/T-DBE/1A

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE :- COLUMN & SHEAR WALL DETAILS PART-7/12

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI, T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P. / S.S.S.	1:100
DRG. NO.	REVISION	DATE
1296 T-DBE/27	R0	17/10/2025

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TERRACE FLOOR TO MUMMTY FLOOR				
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 2761 500 10T12 | 1761 14T10 | 500 10T12 160 •T10 ○T12 •T16	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c M50:Fe550 : COVER=40MM 2770 500 10T12 | 1770 14T10 | 500 10T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 700 16T16 300 ○T12 •T16	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 4070 500 10T12 | 3070 24T10 | 500 10T12 160 •T10 ○T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 2761 500 10T12 | 1761 14T10 | 500 10T12 160 •T10 ○T12 •T16	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c M50:Fe550 : COVER=40MM 2770 500 10T12 | 1770 14T10 | 500 10T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 8T@75c 700 16T12 300 ○T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 4070 500 10T12 | 3070 24T10 | 500 10T12 160 •T10 ○T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 2761 500 10T12 | 1761 14T10 | 500 10T12 160 •T10 ○T12 •T16	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c M50:Fe550 : COVER=40MM 2770 500 10T12 | 1770 14T10 | 500 10T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 8T@75c 700 16T12 300 ○T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 4070 500 10T12 | 3070 24T10 | 500 10T12 160 •T10 ○T12
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 2761 500 10T12 | 1761 14T10 | 500 10T12 160 •T10 ○T12 •T16	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c M50:Fe550 : COVER=40MM 2770 500 10T12 | 1770 14T10 | 500 10T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 8T@75c 700 16T12 300 ○T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 4070 500 10T12 | 3070 24T10 | 500 10T12 160 •T10 ○T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 2761 500 10T12 | 1761 14T10 | 500 10T12 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2770 500 10T12 | 1770 14T10 | 500 10T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 700 16T12 300 ○T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 4070 500 10T12 | 3070 24T10 | 500 10T12 160 •T10 ○T12
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 2761 500 10T12 | 1761 14T10 | 500 10T12 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2770 500 10T12 | 1770 14T10 | 500 10T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 700 16T12 300 ○T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 4070 800 16T12 | 2470 20T10 | 800 16T12 160 •T10 ○T12
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 2761 600 12T12 | 1561 12T10 | 600 12T12 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2770 600 12T12 | 1570 12T10 | 600 12T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 700 16T12 300 ○T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 4070 800 16T12 | 2470 20T10 | 800 16T12 160 •T10 ○T12
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 2761 600 12T12 | 1561 12T10 | 600 12T12 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2770 600 12T12 | 1570 12T10 | 600 12T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 700 16T12 300 ○T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 4070 800 16T12 | 2470 20T10 | 800 16T12 160 •T10 ○T12
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 2761 700 14T12 | 1361 10T10 | 700 14T12 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2770 600 12T12 | 1570 12T10 | 600 12T12 160 •T10 ○T12	M50:Fe550 : COVER=40MM 10T@100c 700 16T12 300 ○T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 4070 1000 4T16+16T12 | 2070 16T10 | 1000 4T16+16T12 160 •T10 ○T12
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2761 1200 24T16 | 361 4T10 | 1200 24T16 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 2770 1000 8T16+12T12 | 770 6T10 | 1000 8T16+12T12 160 •T10 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c 700 6T16+10T12 300 ○T12 •T16	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c M50:Fe550 : COVER=40MM 4070 1400 28T16 | 1270 6T10 | 1400 28T16 160 •T10 •T16
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100c 450 12T16 | 2770 54T16 | 600 16T16 450 | 450 •T16 3820	M50:Fe550 : COVER=40MM 10T@100c 800 20T16 | 2610 50T16 | 700 16T16 450 | 450 •T16 4071		M50:Fe550 : COVER=40MM 10T@100c 800 20T16 | 2760 54T16 | 450 12T16 450 | 450 •T16 4070
COLUMN NO:	C30	C31,C31A,C31B		C32

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG IS NOT TO SCALE.
USE MIX M50 FE 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT +GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
'T' INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1296/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/TDSE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/TDSE/14

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE:- COLUMN & SHEAR WALL DETAILS PART-8/12

PROJECT:- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI, T.N.

ARCHITECT:- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT:- TVS

DRAWN BY:-	CHECKED BY:-	SCALE:-
SANDESH	T.S.P./A.S.S.	1:100
DRG. NO.	REVISION	DATE
1296/TDSE/26	R0	17/10/2025

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EMAIL: ... WEBSITE: ... designageconsultants.com

TERRACE FLOOR TO MUMMTY FLOOR						
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 4070: 500 (10T12) + 3070 (24T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ 760 (14T12); 750; •T12			
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 4070: 500 (10T12) + 3070 (24T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ 760 (14T12); 750; •T12			
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 4070: 500 (10T12) + 3070 (24T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ 760 (14T12); 750; •T12			
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 4070: 500 (10T12) + 3070 (24T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ | 8T@225ℓ | 8T@75ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M40:Fe550 : COVER=40MM 8T@75ℓ 760 (14T12); 750; •T12			
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 4070: 500 (10T12) + 3070 (24T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ 760 (14T12); 750; •T12			
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 4070: 800 (16T12) + 2470 (20T10) + 800 (16T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ 760 (14T12); 750; •T12			
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 4070: 800 (16T12) + 2470 (20T10) + 800 (16T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ 760 (14T12); 750; •T12			
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 4070: 800 (16T12) + 2470 (18T10) + 800 (16T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ 760 (14T12); 750; •T12			
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 4070: 900 (18T12) + 2270 (18T10) + 900 (18T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ 760 (14T12); 750; •T12			
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 4070: 1100 (22T16) + 1870 (14T10) + 1100 (22T16); 750; •T10 •T16	M50:Fe550 : COVER=40MM 10T@100ℓ | 10T@300ℓ | 10T@100ℓ 2770: 500 (10T12) + 1770 (14T10) + 500 (10T12); 750; •T10 •T12	M50:Fe550 : COVER=40MM 10T@100ℓ 760 (14T12); 750; •T12			
BASEMENT 2 LVL TO GROUND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100ℓ 4070: 880 (20T16) + 2780 (54T16) + 450 (12T16); 450; 750; •T16	M50:Fe550 : COVER=40MM 10T@100ℓ 4130: 850 (20T16) + 2850 (56T16) + 450 (12T16); 450; 750; •T16	M50:Fe550 : COVER=40MM 10T@100ℓ 930: 26T25; 600; •T25	M50:Fe550 : COVER=40MM 10T@100ℓ 900: 12T32+14T25; 600; •T32 •T25	M50:Fe550 : COVER=40MM 10T@100ℓ 900: 16T25+10T20; 600; •T20 •T25	M50:Fe550 : COVER=40MM 10T@100ℓ 900: 4T32+22T25; 800; •T32 •T25
COLUMN NO:	C33	C39,C39A,C39B	C37A,C37C	C34A,C17A,C9A	C23A	C9A

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DRG. IS NOT TO BE SCALED.
USE M.50 FE550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE M.40 Fe550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR(NO FLOOR PROVISION)
'ℓ' INDICATES FOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES 1286 'GN'
FOR FOUNDATION PLAN REFER DRG NO:1295/1 DATE: 01
FOR COLUMN FOOTING SCHEDULE REFER DRG NO:1286 'TABLE A'

REV	17.10.2025	FOR APPROVAL	
REVISION	DATE	DESCRIPTION	SIGN.

DRG. TITLE :
COLUMN & SHEAR WALL DETAILS PART-9/12

PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD (PTR) CHENNAI T.N.

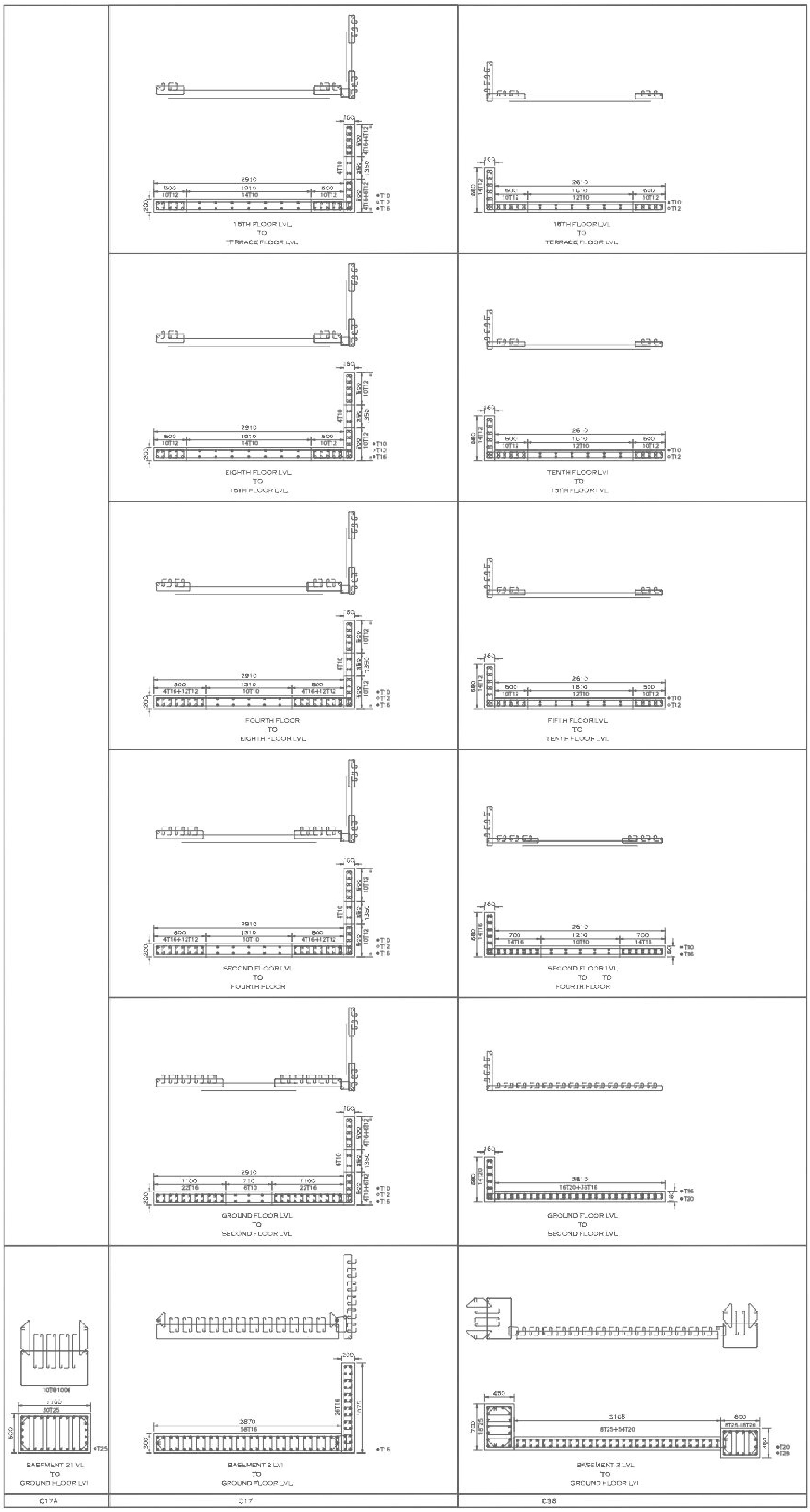
ARCHITECT :
KAPADIA ASSOCIATES DESIGN LLP

CLIENT :
TVS

DRAWN BY : SANDESH	CHECKED BY : J.S.P. / M.S.S.	SCALE : 1:100
DRG. NO. : 1286 TABLE/2H	REVISION : '2D'	DATE : 17/10/2025

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DESIGNAGE CONSULTANTS
OFFICE NO.402, 4TH FLOOR, WING C, ALDUR B, P. BUILDING, GANDHI ROAD, NEAR V-KONA HOTEL, ALANDI (D), PUNE, MAHARASHTRA, 412 105
Tel: 020 67680700 / 8 / 9
E-mail : murlidas.pune@gmail.com
WEBSITE : www.designageconsultants.com



NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M.50 FE550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M.40 FE550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 2BASEMENT+GROUND +15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
"T" INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1296 GN
FOR FOUNDATION PLAN REFER DRG.NO-1296. T-D8E/01
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/T-D8E/1A

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE :-
COLUMN & SHEAR WALL DETAILS
PART-10/12

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD (PTR)
CHENNAI, T.N.

ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-
TVS

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1296 T-D8E/12	R0	17/10/2025

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DESIGNAGE
OFFICE NO 402, 4TH FLOOR, ... AUNDH ... PUNE, MAHARASHTRA ...

TERRACE FLOOR TO MUMMTY FLOOR		—	—	—	—
15TH FLOOR TO TERRACE FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 8T@75c 8T@225c 8T@75c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
14TH FLOOR TO 15TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 8T@75c 8T@225c 8T@75c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
13TH FLOOR TO 14TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 8T@75c 8T@225c 8T@75c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
TENTH FLOOR TO 13TH FLOOR	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M40:Fe550 : COVER=40MM 8T@75c | 8T@225c | 8T@75c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 8T@75c 8T@225c 8T@75c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
EIGHTH FLOOR TO TENTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c 10T@300c 10T@100c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
SIXTH FLOOR TO EIGHTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c 10T@300c 10T@100c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
FIFTH FLOOR TO SIXTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c 10T@300c 10T@100c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
FOURTH FLOOR TO FIFTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe550 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 1500 500 | 500 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c | 10T@300c | 10T@100c 500 | 680 | 500 10T12 | 4T10 | 10T12 160 •T10 ∘T12	M50:Fe500 : COVER=40MM 10T@100c 10T@300c 10T@100c 160 680 12T12 520 500 | 420 | 500 10T12 | 4T10 | 10T12 •T10 ∘T12
SECOND FLOOR LVL TO FOURTH FLOOR	M50:Fe550 : COVER=40MM 10T@100c 1500 8T16+22T12 160 ∘T12 •T16	M50:Fe550 : COVER=40MM 10T@100c 1500 4T16+26T12 160 ∘T12 •T16	M50:Fe550 : COVER=40MM 10T@100c 1500 12T16+16T12 160 ∘T12 •T16	M50:Fe500 : COVER=40MM 10T@100c 1680 16T16+16T12 160 •T10 ∘T12 •T16	M50:Fe500 : COVER=40MM 10T@100c 160 680 4T16+8T12 520 1420 4T16+24T12 •T16 •T10 ∘T12
GROUND FLOOR LVL TO SECOND FLOOR LVL	M50:Fe550 : COVER=40MM 10T@100c 1500 8T16+22T12 160 ∘T12 •T16	M50:Fe550 : COVER=40MM 10T@100c 1500 4T20+26T16 160 •T16 •T20	M50:Fe550 : COVER=40MM 10T@100c 1500 12T16+16T12 160 ∘T12 •T16	M50:Fe500 : COVER=40MM 10T@100c 1680 16T20+16T16 160 •T10 •T16 •T20	M50:Fe500 : COVER=40MM 10T@100c 160 680 4T16+8T12 520 1420 4T16+24T12 •T16 •T10 ∘T12
BASEMENT 2 LVL TO GROUND FLOOR LVL	—	—	—	—	—
COLUMN NO:	FC1,FC4	FC7	FC2	FC5	FC3,FC8

NOTES

- # REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
- # THIS DWG. IS NOT TO BE SCALED.
- # USE MIX M50 FE550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
- # USE MIX M40 FE550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
- # BUILDING IS DESIGNED FOR 2BASEMENT+GROUND + 15 FLOORS+ TERRACE FLOOR (NO FLOOR PROVISION)
- # 'T' INDICATES TOR STEEL
- # READ THIS DRAWING ALONG WITH GENERAL NOTES 1298/GN
- # FOR FOUNDATION PLAN REFER DRG NO-1298/T-D8EBE/01
- # FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1298/T-D8E/1A

REVISION	DATE	DESCRIPTION	SIGN.
R0	17-10-2025	FOR APPROVAL	

DRG. TITLE :-
COLUMN & SHEAR WALL DETAILS
PART-11/12

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD (PTR)
CHENNAI, T.N.

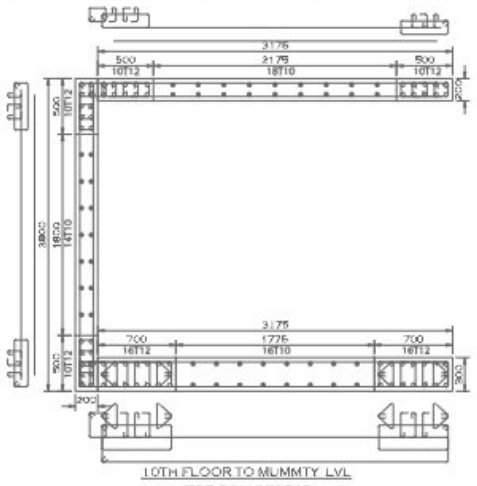
ARCHITECT :-
KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :-
TVS

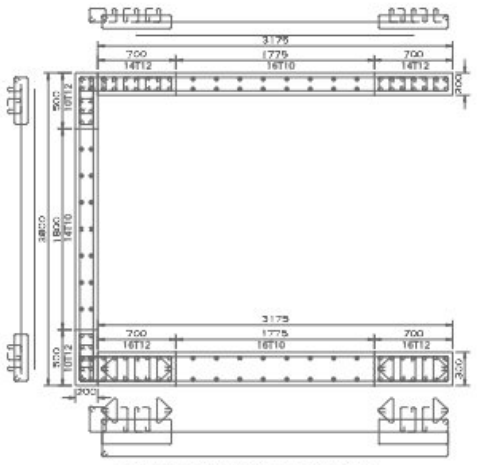
DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1298/T-D&F/12	R0	17/10/2025

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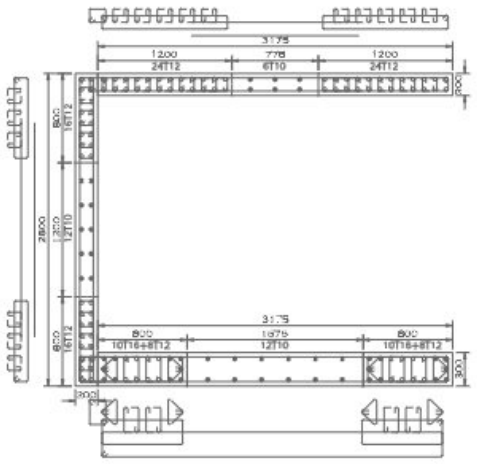
DESIGNAGE
OFFICE NO 402, 4TH FLOOR, WING C, ...
PUNE, MAHARASHTRA



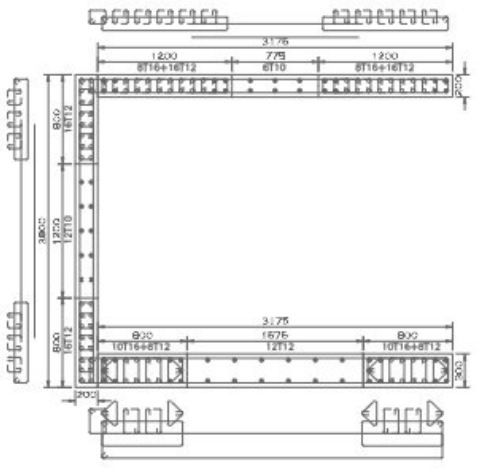
10TH FLOOR TO MUMMTY LVL
FOR COLUMN-C15



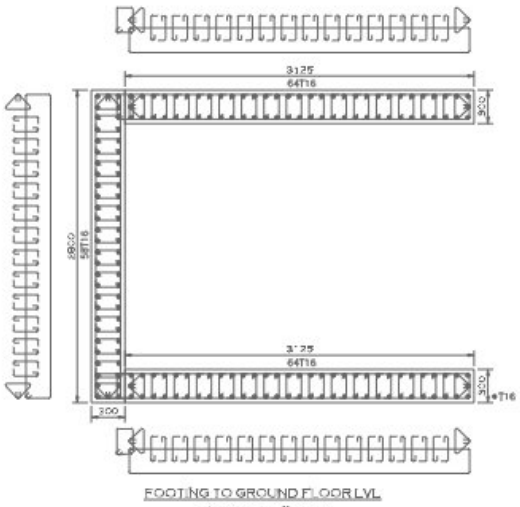
FOURTH FLOOR TO 10TH FLOOR LVL
FOR COLUMN-C15



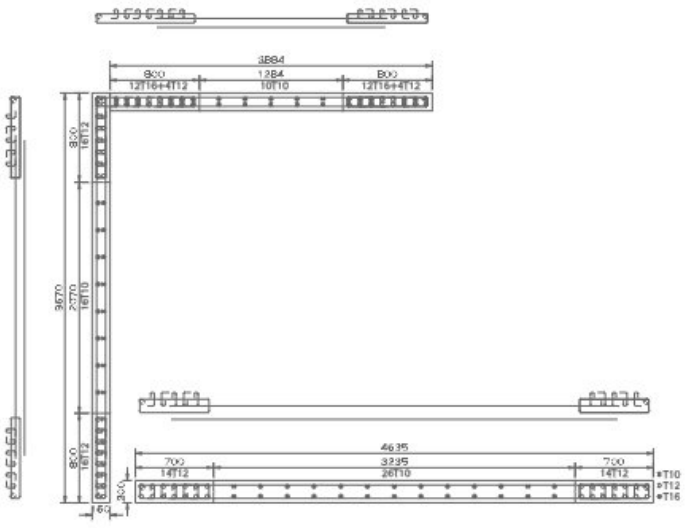
SECOND FLOOR TO FOURTH FLOOR LVL
FOR COLUMN-C15



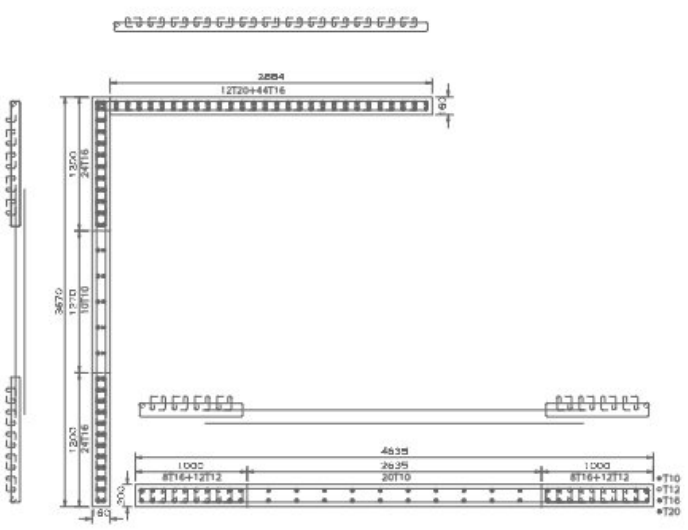
GROUND FLOOR TO SECOND FLOOR LVL
FOR COLUMN-C15



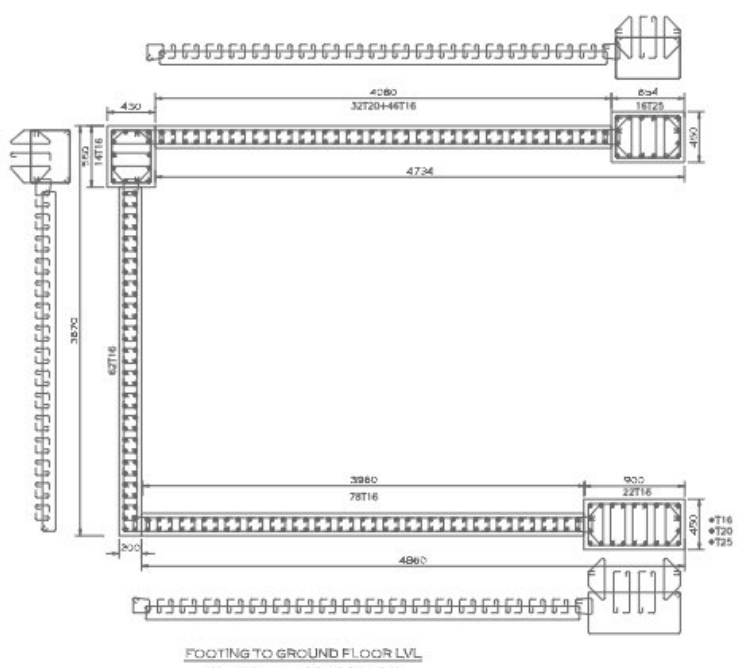
FOOTING TO GROUND FLOOR LVL
FOR COLUMN-C15



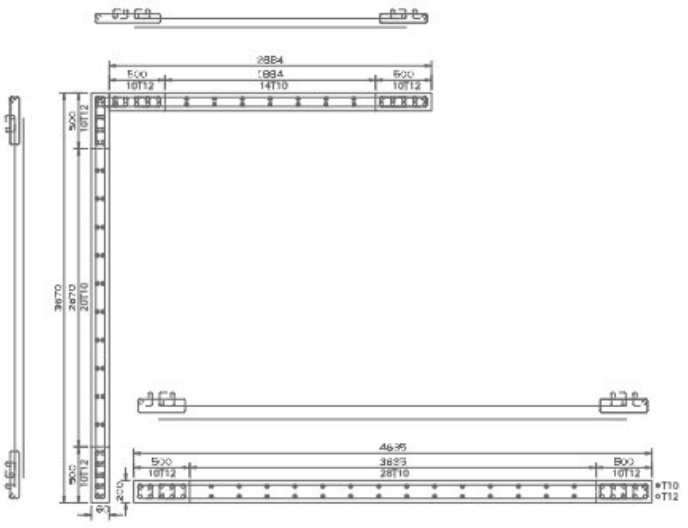
SECOND FLOOR TO FOURTH FLOOR LVL
FOR COLUMN-C34,C36A,C37



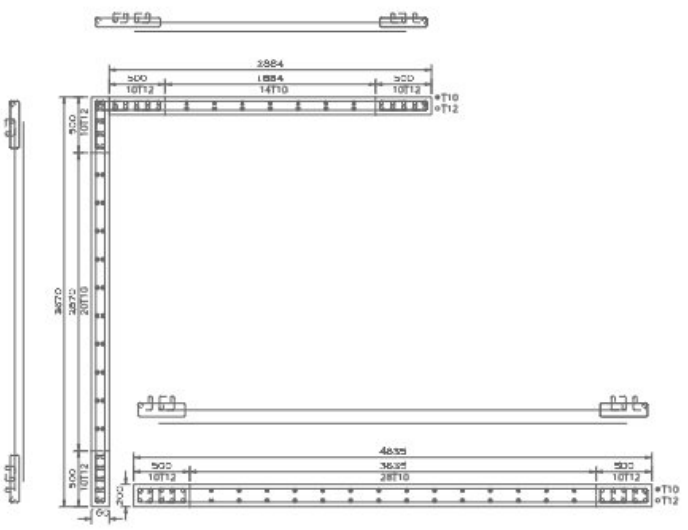
GROUND FLOOR TO SECOND FLOOR LVL
FOR COLUMN-C34,C36A,C37



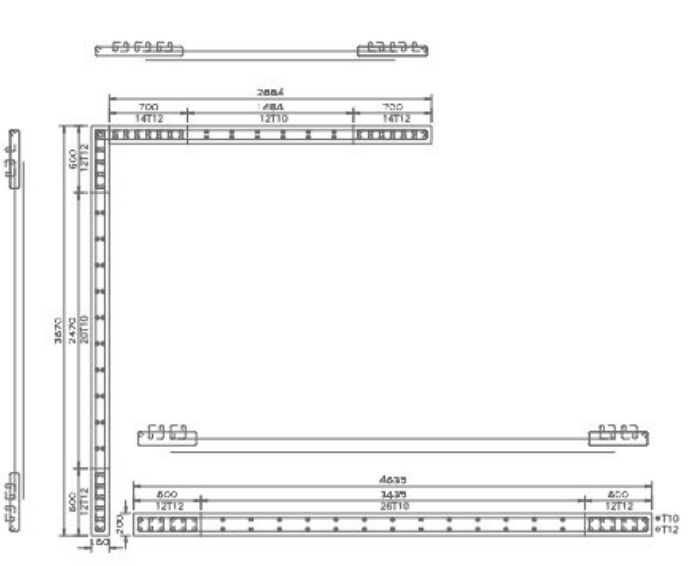
FOOTING TO GROUND FLOOR LVL
FOR COLUMN-C34,C36A,C37



TENTH FLOOR TO TERRACE FLOOR LVL
FOR COLUMN-C34,C36A,C37



EIGHTH FLOOR TO TENTH FLOOR LVL
FOR COLUMN-C34,C36A,C37



FOURTH FLOOR TO EIGHTH FLOOR LVL
FOR COLUMN-C34,C36A,C37

NOTES

REFER ARCHITECTURAL PLAN SECTION & ELEVATION.
THIS DWG. IS NOT TO BE SCALED.
USE MIX M 50 Fe 550 STEEL UPTO 10TH FLOOR FOR COLUMN & SHEAR WALL.
USE MIX M 40 Fe 550 STEEL 11TH TO TERRACE FLOOR FOR COLUMN & SHEAR WALL.
BUILDING IS DESIGNED FOR 3 BASEMENT+GROUND + 15 FLOORS+ TERRACE FLOOR(NO FLOOR PROVISION)
'T' INDICATES FOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1286 SGN.
FOR FOUNDATION PLAN REFER DRG NO-1286/TDBE/01
FOR COLUMN FOOTING SCHEDULE REFER DRG NO-1208, TDBE/1A

REVISION	DATE	DESCRIPTION	SIGN.
R0	17.10.2025	FOR APPROVAL	

DRG TITLE :
COLUMN & SHEAR WALL DETAILS
PART-12/12

PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD,PTR
CHENNAI-IN

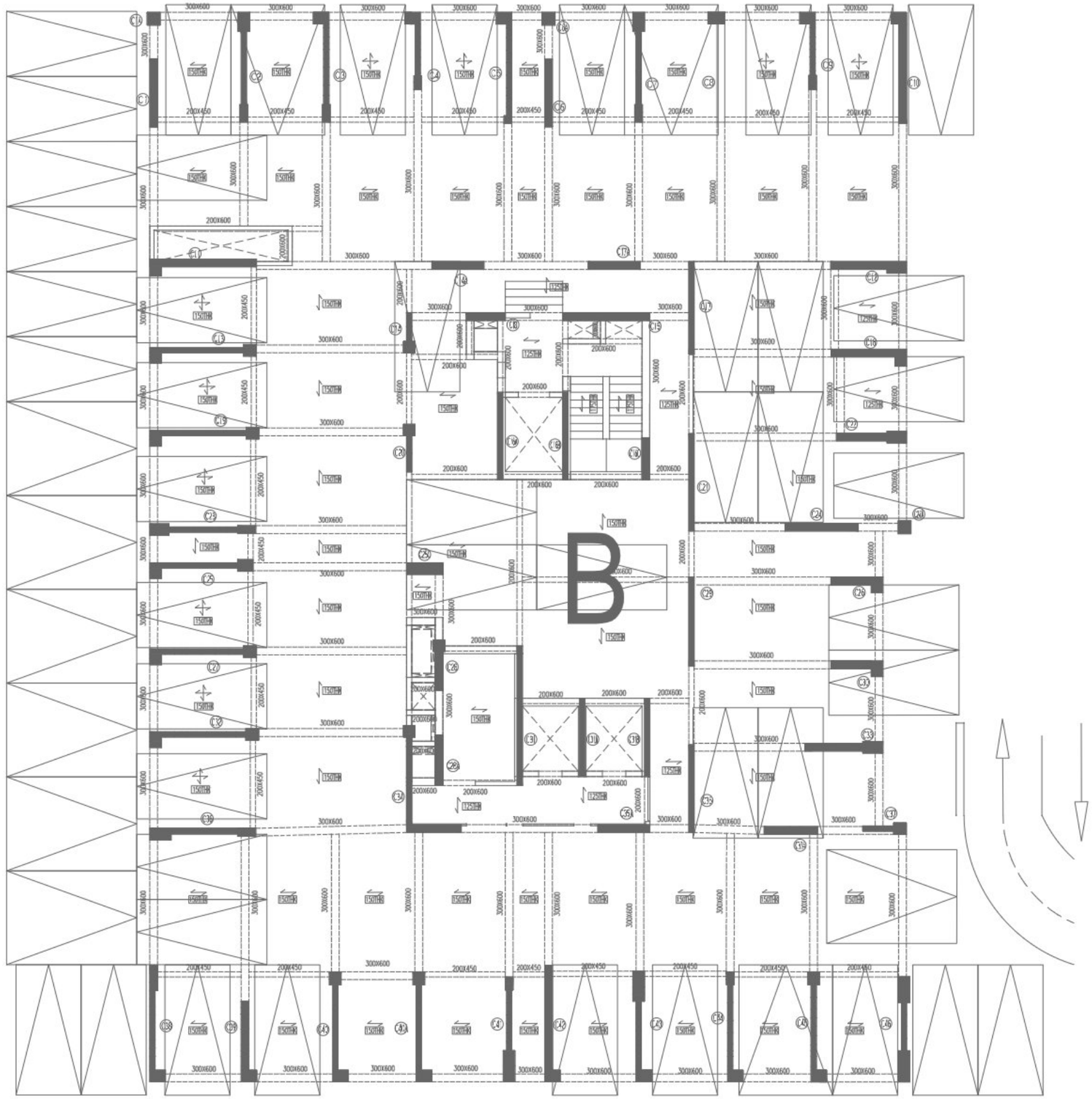
ARCHITECT :
KAPAD ASSOCIATES
DESIGN LLP.

CLIENT :
TVS

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DRG. NO :	REVISION	DATE
1286_TDBE/3A	R0	17.10.2025

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TEL NO : 020 6727 4000
EMAIL : pune@dandrconsultants.com
WEBSITE : www.dandrconsultants.com



LAYOUT OF BASEMENT FLOOR

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR
USE MIX M.40 & Fe:550 STEEL FOR BEAM & SLAB.
"T" INDICATES TOR STEEL

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	11/10/2025	ADVANCE COPY	

DRG. TITLE :-

LAYOUT OF BASEMENT FLOOR
TOWER - B

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

TVS

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DRG. NO.	REVISION	DATE
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LAYOUT OF BASEMENT FLOOR
TOWER - C

LEFT RIGHT
LEFT RIGHT
DIRECTIONS FOR
EXTRA TOP STEEL

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:-STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF BASEMENT FLOOR
TOWER - C

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

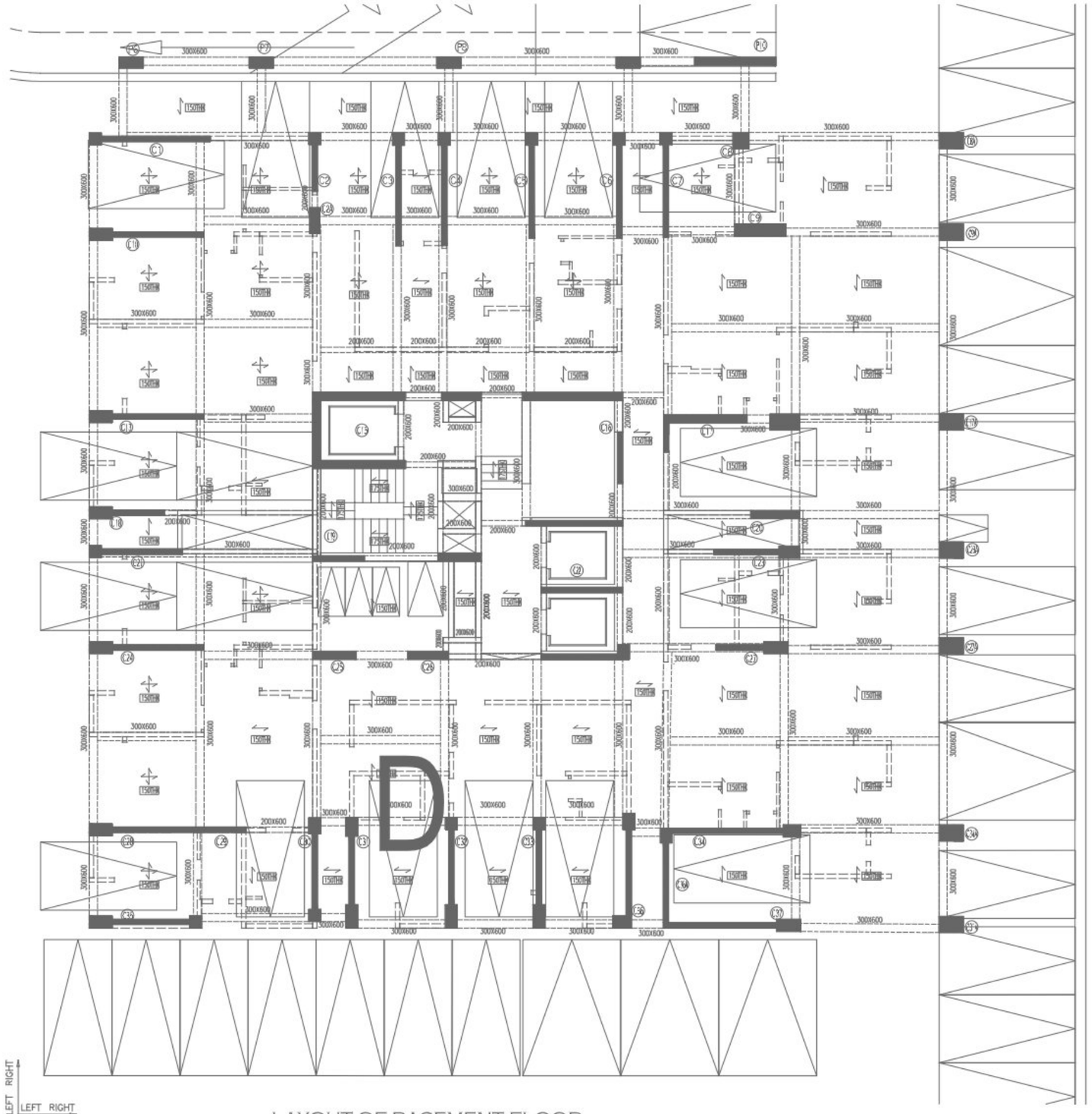
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

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LAYOUT OF BASEMENT FLOOR
TOWER - D & E

NOTES

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THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF BASEMENT FLOOR
TOWER - D & E

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

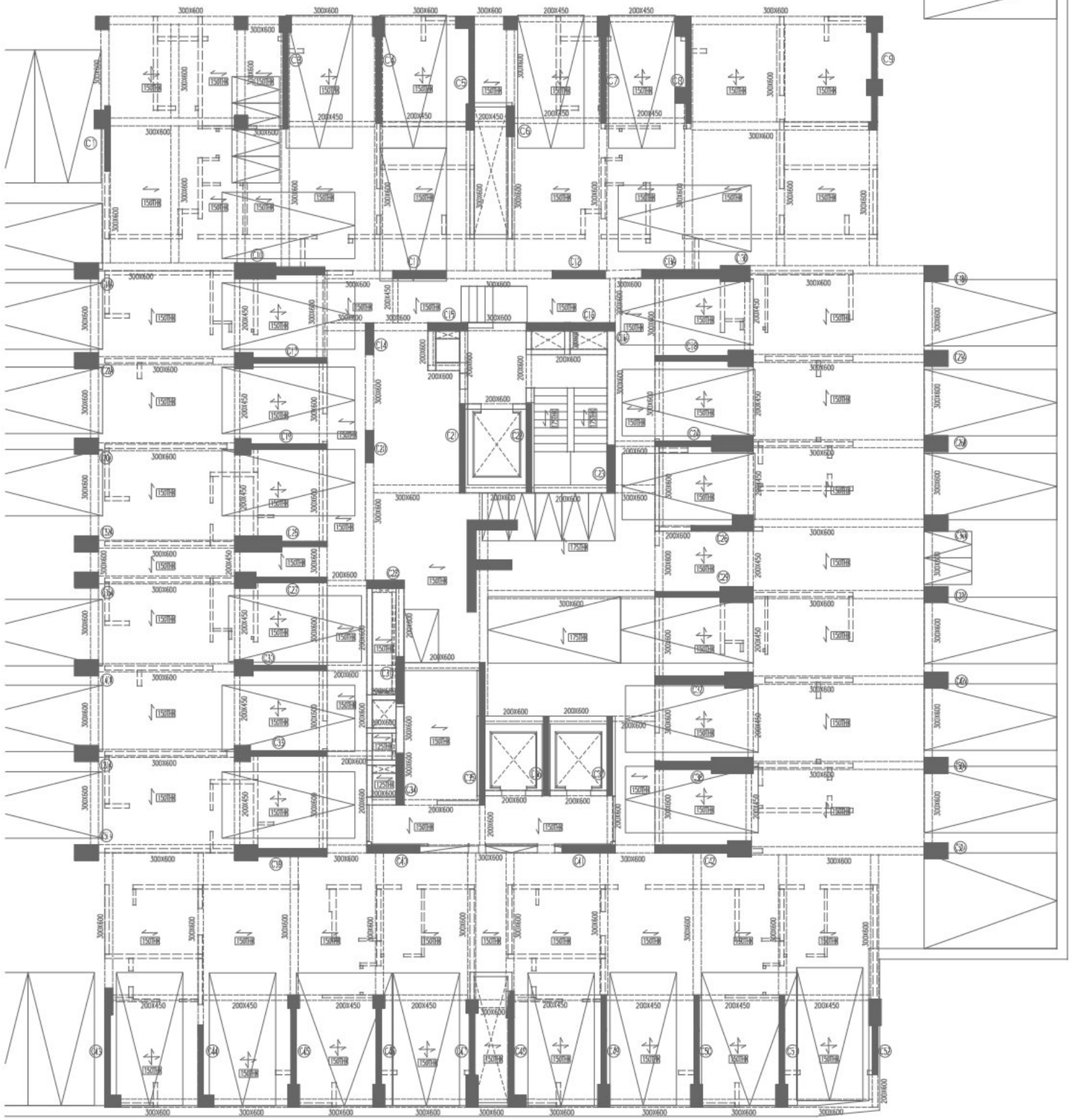
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LAYOUT OF BASEMENT FLOOR
TOWER - F

NOTES

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THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-
LAYOUT OF BASEMENT FLOOR
TOWER - F

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI ,T.N.

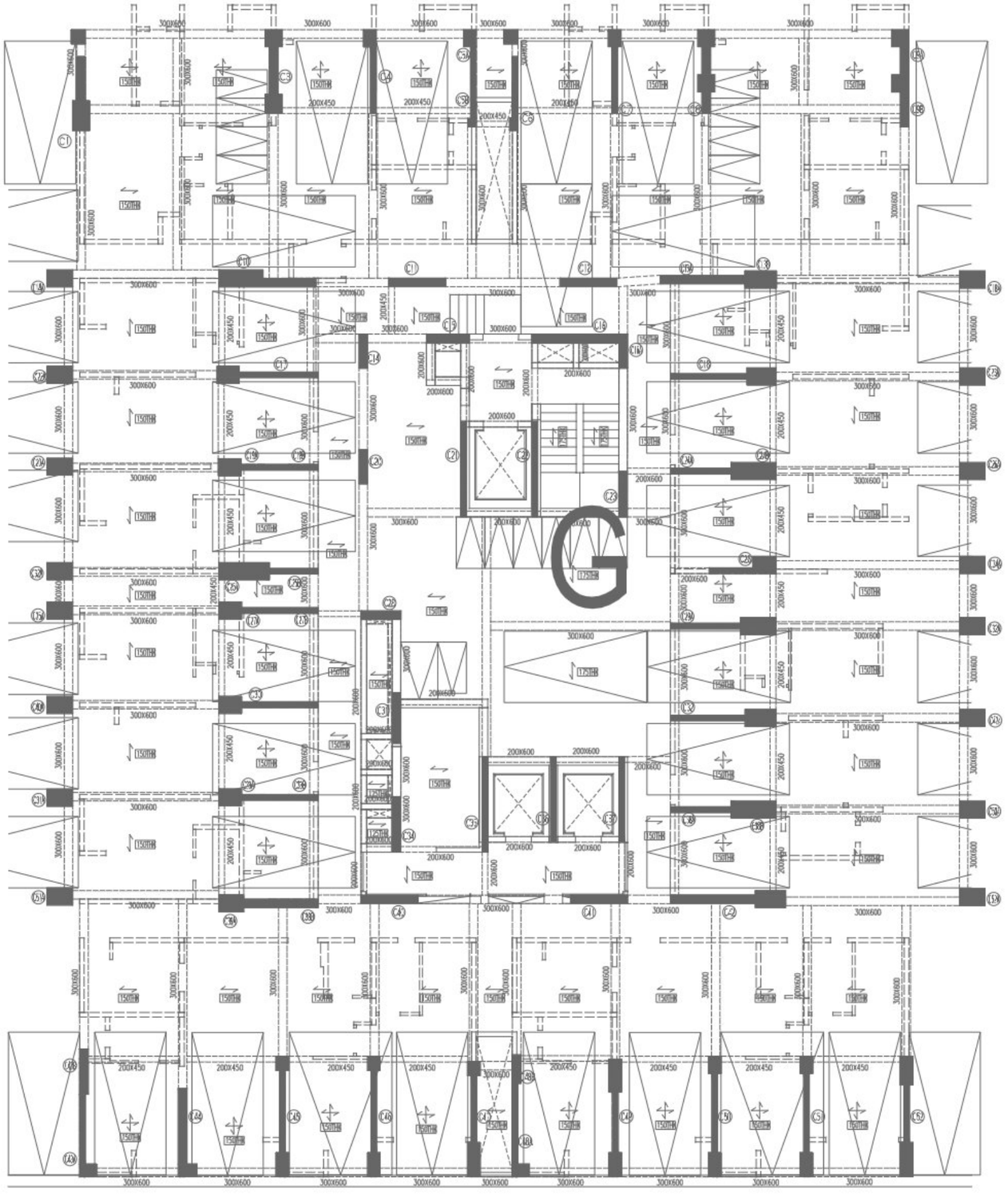
ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

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LAYOUT OF BASEMENT FLOOR
TOWER - G

NOTES

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THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR --
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

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R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF BASEMENT FLOOR
TOWER - G

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

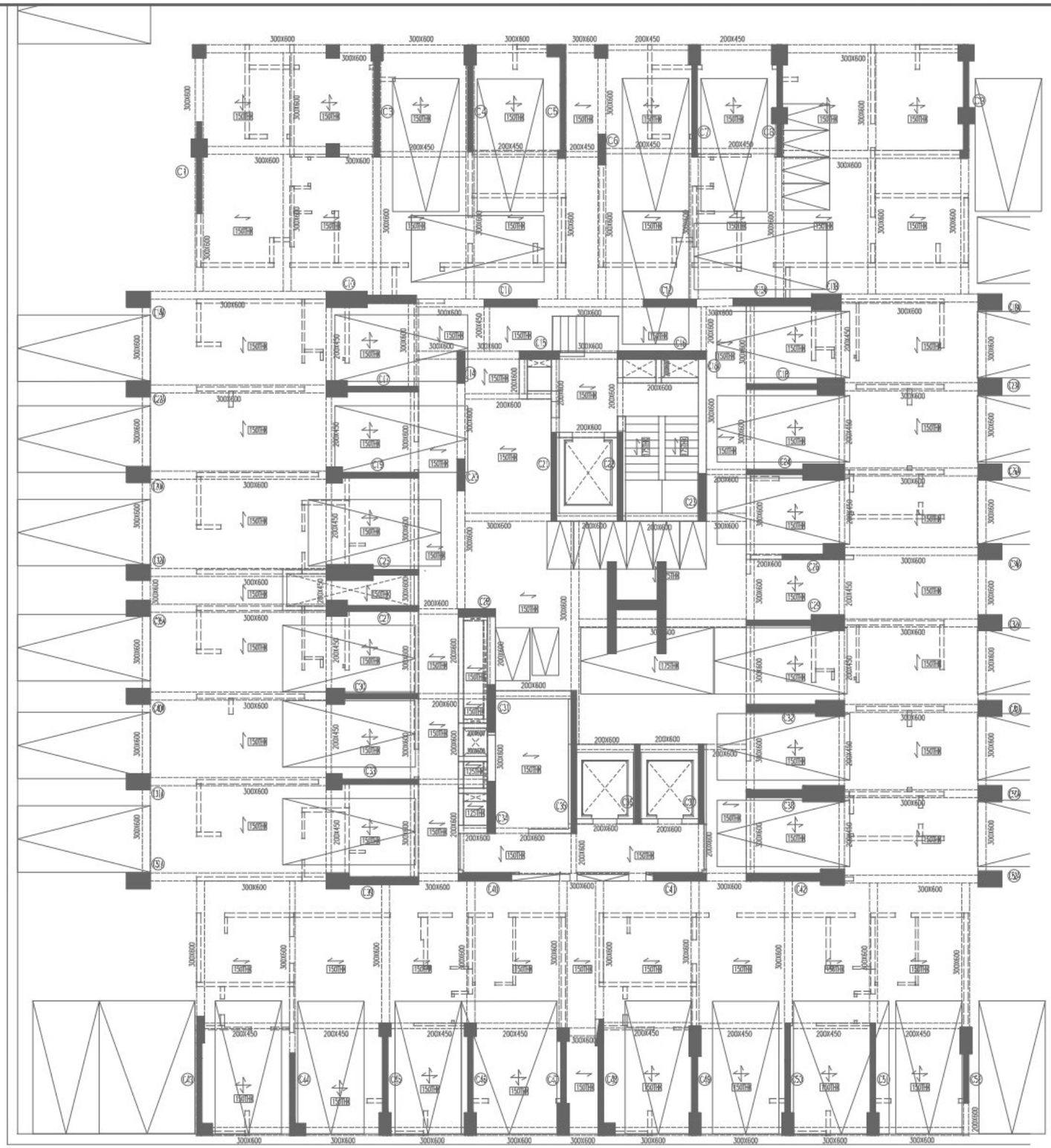
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LAYOUT OF BASEMENT FLOOR
TOWER - H

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-
LAYOUT OF BASEMENT FLOOR
TOWER - H

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

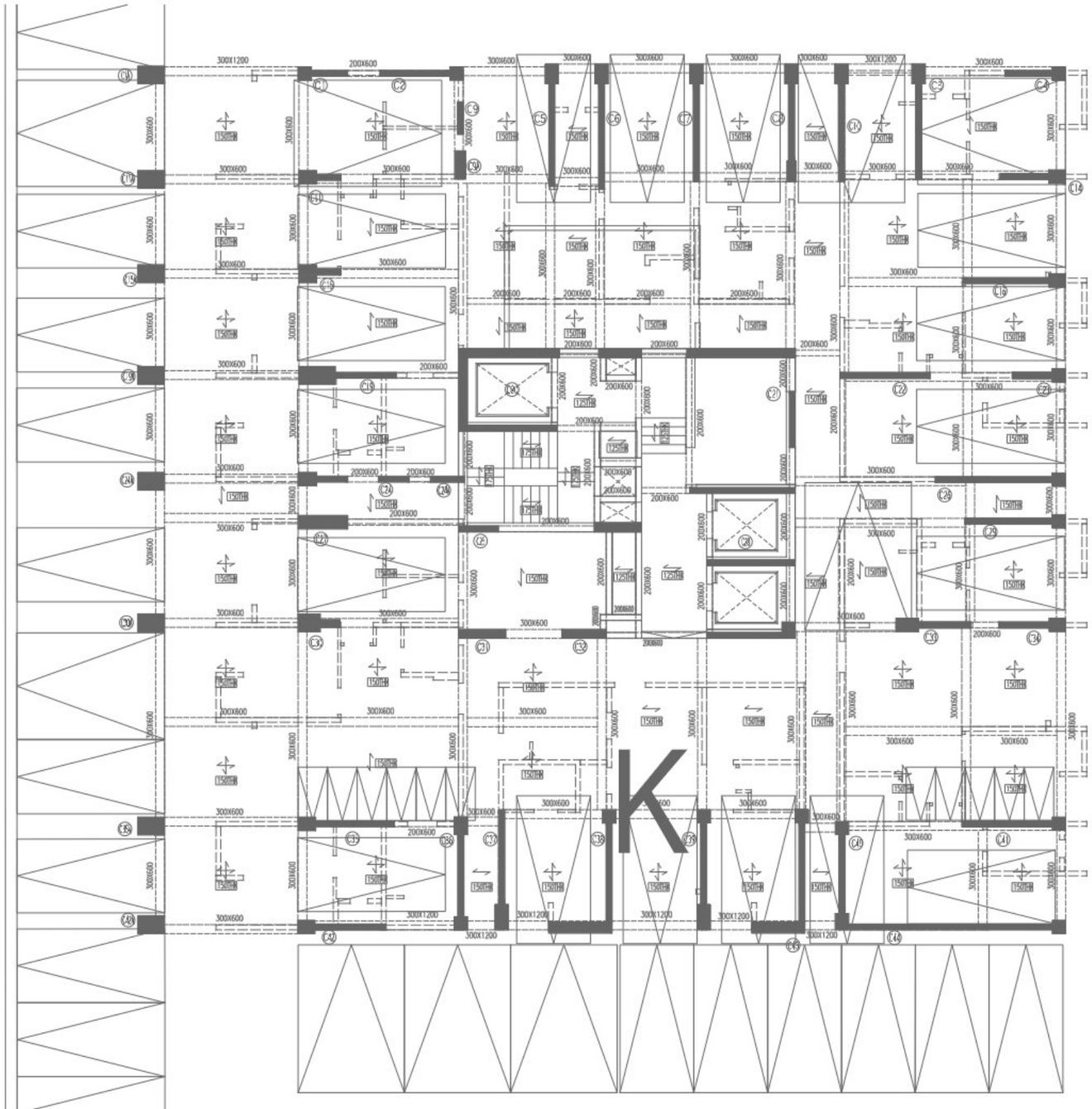
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LAYOUT OF BASEMENT FLOOR
TOWER - K & J

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF BASEMENT FLOOR
TOWER - K & J

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

KAPADIA ASSOCIATES
DESIGN LLP.

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COLUMN FOOTING SCHEDULE (TOWER-B)

FOUNDATION TO BASEMENT-1	SIZE	300X2600	500X500	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	300X2000	300X3350	REFER DETAIL
	STEEL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
TOP STEEL	L.S.STEEL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c				10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c		10T@200c/c
	S.S.STEEL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@200c/c
BOTTOM STEEL	L.S.STEEL	16T@100c/c	16T@150c/c	16T@100c/c	16T@100c/c	16T@100c/c				16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@150c/c	20T@125c/c		16T@100c/c
	S.S.STEEL	16T@100c/c	16T@150c/c	16T@100c/c	16T@100c/c	16T@100c/c				16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@150c/c	20T@125c/c		16T@100c/c
S.B.C=60 T/SQMT	T	750	750	750	750	750				750	750	750	800	800	800	750	900		800
	R.C.C	1800X3900	1700X1900	2400X5925	2300X6050	2500X5300				2500X6250	2300X5200	2400X6575	2700X6500	2650X4900	2550X6200	2200X3150	1900X4800		2300X5200
	P.C.C	2100X4100	2000X2200	2700X6225	2600X6350	2800X5600				2800X6550	2600X5500	2700X6875	3000X6800	2950X5200	2850X6500	2500X3450	2200X5100		2600X5500
COLUMN NO:		C1	C1A	C2,C7	C3	C4	C5	C6A	C6	C8	C9	C10	C11	C12	C13	C14	C14A	C15	C16

COLUMN FOOTING SCHEDULE (TOWER-B)

FOUNDATION TO BASEMENT-1	SIZE	200X3350	300X1600	200X3565	300X2000	900X1500	REFER DETAIL	REFER DETAIL	200X3750	REFER DETAIL	REFER DETAIL	300X2800	500X500	REFER DETAIL	450X1400	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
	STEEL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
TOP STEEL	L.S.STEEL	10T@200c/c	10T@200c/c	10T@200c/c		10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c		10T@200c/c	10T@200c/c		10T@200c/c	10T@200c/c	10T@200c/c		10T@200c/c
	S.S.STEEL	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@200c/c
BOTTOM STEEL	L.S.STEEL	16T@150c/c	16T@100c/c	16T@100c/c		16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c		16T@125c/c	16T@100c/c		16T@100c/c	16T@150c/c	16T@100c/c		16T@100c/c
	S.S.STEEL	16T@150c/c	16T@100c/c	16T@100c/c		16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c		16T@100c/c	16T@100c/c		16T@100c/c	16T@150c/c	16T@100c/c		16T@100c/c
S.B.C=60 T/SQMT	T	750	900	900		750	850	750	750	750		750	750		900	750	850		850
	R.C.C	1800X4950	1700X4100	1900X5565		1900X3600	2650X6400	2100X3750	1700X5250	2400X4900		1900X4400	1800X1800		2650X3600	2200X3900	2450X5900		3300X3450
	P.C.C	2100X5250	2000X4400	2200X5865		2200X3900	2850X6700	2400X4050	2000X5250	2700X5200		2200X4700	2100X2100		2950X3900	2500X4200	2750X6200		3600X3750
COLUMN NO:		C16A,C16B	C16C	C17	C17A	C18	C19	C20	C21	C22	C23	C24	C24A	C25	C25C	C26,C30	C27	C28A	C28

COLUMN FOOTING SCHEDULE (TOWER-B)

FOUNDATION TO BASEMENT-1	SIZE	200X3420	200X5960	200X3000	200X3000	REFER DETAIL	REFER DETAIL	REFER DETAIL	200X3370	300X2000	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
	STEEL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
TOP STEEL	L.S.STEEL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c		10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c			10T@200c/c
	S.S.STEEL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@200c/c
BOTTOM STEEL	L.S.STEEL	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c		16T@100c/c	16T@150c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c			16T@100c/c
	S.S.STEEL	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c		16T@100c/c	16T@150c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c	16T@100c/c			16T@100c/c
S.B.C=60 T/SQMT	T	750	750	750	750	850	750		750	800	850	750	750	750	750	750			800
	R.C.C	1700X4920	2000X6960	1800X4600	1600X4500	2550X6000	2400X5000		1600X4875	2200X3500	2700X6150	2100X3875	2000X5900	2300X5000	2200X6100	2200X6100			2000X6050
	P.C.C	2000X5220	2300X7260	2100X4900	1900X4800	2850X6300	2700X5900		1900X5175	2500X3800	3000X6450	2400X4175	2300X6200	2600X5300	2500X6400	2500X6400			2300X6350
COLUMN NO:		C29	C31	C31A	C31B	C32	C33	C34	C35	C35A	C36	C37A	C38	C39	C40	C40A	C41	C42	C43

COLUMN FOOTING SCHEDULE (TOWER-B)

FOUNDATION TO BASEMENT-1		REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
		REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
TOP STEEL		10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c
		10T@200c/c	10T@200c/c	10T@200c/c	10T@200c/c
BOTTOM STEEL		16T@100c/c	16T@100c/c	16T@100c/c	16T@150c/c
		16T@100c/c	16T@100c/c	16T@100c/c	16T@150c/c
S.B.C=60 T/SQMT		800	800	750	750
		2000X5900	2000X6000	1900X5700	2000X3500
		2300X6200	2300X6200	2200X6000	2300X3800
COLUMN NO:		C44	C45	C46	C37

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
USE MIX M:35 & FE:550 STEEL FOR FOOTING
USE MIX M:50 & FE:550 STEEL FOR COLUMNS
" T " INDICATES TOR STEEL
S.B.C. OF SOIL = 60T/SQMT
TOP OF LIFT FOOTING TO BE KEPT -1650MM BELOW BASEMENT 2 LVL. OR AS PER LIFT MANUFACTURER'S DRAWING
SIZES OF FOOTINGS MARKED ON THE PLAN ARE OF RCC
READ THIS DRAWING ALONG WITH GENERAL NOTES DRG.-1296/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/T-B/01
FOR COMBINED FOOTING DETAIL REFER DRG. NO-1296/T-B/02,2A...
FOR COLUMN & SHEAR WALL DETAIL REFER DRG. NO-1296/T-B/03,3A,3B....3M

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	11/10/2025	ADVANCE COPY	

DRG. TITLE :-
COLUMN FOOTING SCHEDULE
TOWER-B

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI ,T.N.

ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

DRAWN BY :-	CHECKED BY :-	SCALE :-
SANDESH	T.S.P.	1:100
DRG. NO.	REVISION	DATE
1296/T-B/1A	*R0	11/10/2025

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EMAIL - structure.pune@gmail.com
WEB SITE -www.designageconsultants.com

COLUMN FOOTING SCHEDULE

FOUNDATION TO LOWER BASEMENT	SIZE	REFER DETAIL	REFER DETAIL	375X950	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	600X600	450X1885	REFER DETAIL	REFER DETAIL	REFER DETAIL	300X1458	200X1895	300X3670	REFER DETAIL	600X900
	STEEL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
TOP STEEL	L.S.STEEL	10T@200c/c					10T@200c/c			10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c						10T@100c/c
	S.S.STEEL	10T@200c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@200c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@100c/c
BOTTOM STEEL	L.S.STEEL	16T@100c/c					20T@100c/c			16T@100c/c	20T@125c/c	20T@100c/c	20T@100c/c						16T@150c/c
	S.S.STEEL	16T@100c/c					20T@125c/c			16T@100c/c	20T@125c/c	20T@100c/c	20T@100c/c						16T@150c/c
S.B.C=60 T/SQMT	T	750					850			950	950	1000	950						750
	R.C.C	2000X6160					2100X5895			2900X2900	2850X4590	2500X6720	2400X6420						2300X2600
	P.C.C	2300X6460					2400X6195			3050X3200	3150X4890	2800X7020	2700X6720						2600X2900
COLUMN NO:		C1	C2	C2A	C3	C4	C5	C6	C7	C8	C9	C10	C13	C15	C16C	C16A	C16B	C17	C17A

COLUMN FOOTING SCHEDULE

FOUNDATION TO LOWER BASEMENT	SIZE	REFER DETAIL	200X1915	300X1600	300X1800	REFER DETAIL	200X2670	REFER DETAIL	600X900	REFER DETAIL	300X1600	300X1500	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
	STEEL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL	REFER DETAIL
TOP STEEL	L.S.STEEL		10T@200c/c	10T@200c/c			10T@200c/c		10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c			10T@100c/c	
	S.S.STEEL	COMBINED FOOTING REFER DETAIL	10T@200c/c	10T@200c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@200c/c	COMBINED FOOTING REFER DETAIL	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	10T@100c/c	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	10T@100c/c	COMBINED FOOTING REFER DETAIL
BOTTOM STEEL	L.S.STEEL		16T@150c/c	16T@100c/c			16T@150c/c		16T@150c/c	20T@100c/c	16T@100c/c	16T@100c/c	20T@100c/c	20T@100c/c	20T@100c/c			20T@100c/c	
	S.S.STEEL		16T@150c/c	16T@100c/c			16T@150c/c		16T@150c/c	20T@175c/c	16T@100c/c	16T@100c/c	20T@100c/c	20T@100c/c	20T@100c/c			20T@100c/c	
S.B.C=60 T/SQMT	T		750	800			750		750	950	850	800	950	1000	950			900	
	R.C.C		1800X3520	2500X3100			1800X4270		2000X2300	2500X6620	2300X3500	2300X3300	2600X5500	2900X5470	2500X8060			2800X6680	
	P.C.C		2100X3820	2800X3400			2100X4570		2300X2600	2800X6920	2600X3800	2600X3600	2900X5800	3200X5770	2800X8360			3100X6980	
COLUMN NO:		C18	C19A	C19B	C20	C21	C22B	C23	C23A,C27C, C34A,C37A, C8A,C9A,	C24	C25	C26	C22C	C27	C28	C30	C31	C32,C33	C34,C36A,C37

FOUNDATION TO LOWER BASEMENT	SIZE	REFER DETAIL	REFER DETAIL	300X3537	
	STEEL	REFER DETAIL	REFER DETAIL	REFER DETAIL	
TOP STEEL	L.S.STEEL	-			
	S.S.STEEL	-	COMBINED FOOTING REFER DETAIL	COMBINED FOOTING REFER DETAIL	
BOTTOM STEEL	L.S.STEEL	16T@125c/c			
	S.S.STEEL	16T@125c/c			
S.B.C=60 T/SQMT	T	800			
	R.C.C	2000X5930			
	P.C.C	2300X6230			
COLUMN NO:		C35	C36	C22B	

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
USE MIX M:35 & FE:550 STEEL FOR FOOTING
USE MIX M:50 & FE:550 STEEL FOR COLUMNS
" T " INDICATES TOR STEEL
S.B.C. OF SOIL = 60T/SQMT
TOP OF LIFT FOOTING TO BE KEPT -1650MM BELOW BASEMENT 2 LVL. OR AS PER LIFT MANUFACTURER'S DRAWING
SIZES OF FOOTINGS MARKED ON THE PLAN ARE OF RCC
READ THIS DRAWING ALONG WITH GENERAL NOTES DRG.-1296/GN
FOR FOUNDATION PLAN REFER DRG.NO-1296/T-D&E/01
FOR COLUMN & SHEAR WALL DETAIL REFER DRG. NO- 1296/T-D&E/03,3A,3B....3K

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
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DRG. TITLE :-
COLUMN FOOTING SCHEDULE
TOWER-D & E

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI ,T.N.

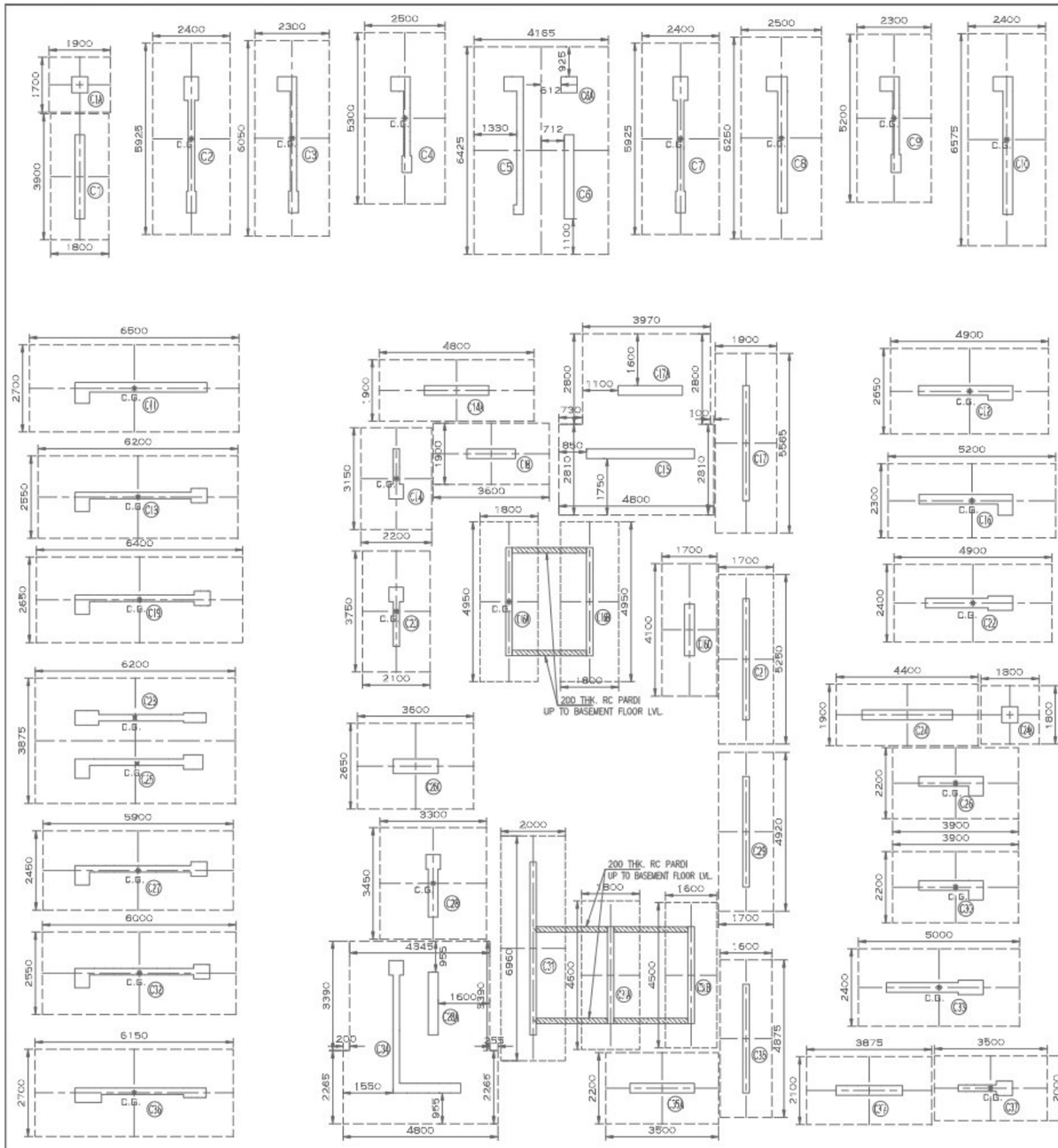
ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

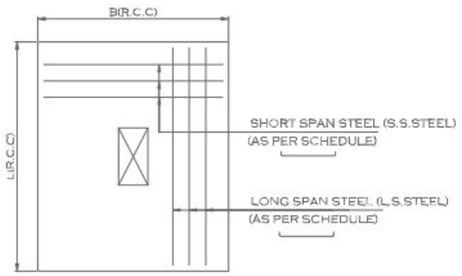
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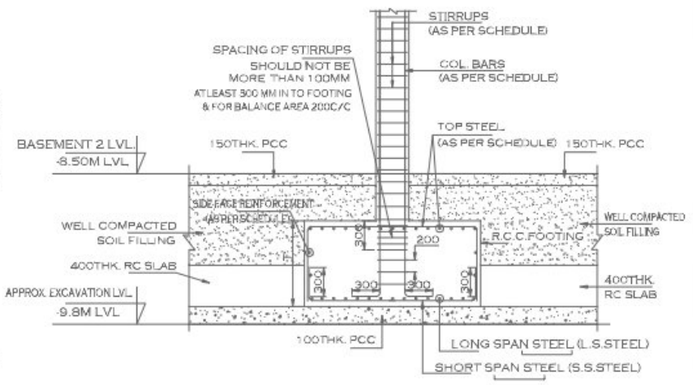
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FOUNDATION PLAN
TOWER-B



PLAN



SECTION

TYPICAL DETAILS OF COLUMN & ISOLATED FOOTINGS

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION, ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
USE MIX M:35 & Fe:550 STEEL FOR FOOTING
USE MIX M:50 & Fe:550 STEEL FOR COLUMNS
" T " INDICATES TOR STEEL
S.B.C. OF SOIL = 60T/SQMT
TOP OF LIFT FOOTING TO BE KEPT -1650MM BELOW BASEMENT 2 LVL. OR AS PER LIFT MANUFACTURER'S DRAWING
SIZES OF FOOTINGS MARKED ON THE PLAN ARE OF RCC
READ THIS DRAWING ALONG WITH GENERAL NOTES DRG.-1296/GN
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/TB/1A
FOR COMBINED FOOTING DETAIL REFER DRG. NO - 1296/TB/02,2A...
FOR COLUMN & SHEAR WALL DETAIL REFER DRG. NO - 1296/TB/03,3A,3B....3M

GENERAL NOTES

1) MINIMUM GRADE OF CONCRETE FOR P.C.C.-M:15.
2) FOUNDATION LEVEL AND STRATA TO BE APPROVED BY CONSULTANT AFTER EXCAVATION FOR FOOTING.
3) PROVIDE COLUMN LINKS @ 100 c/c UPTO FOOTING DEPTH -REFER TYP SECTIONS
4) ORIENTATION AND PLUMB TO BE CHECKED FOR ALL THE COLUMNS.
5) CONCRETE COVER TO MAIN REINFORCEMENT:-
FOOTING(BOTTOM) = 2"(50MM)
COLUMN = 1.5"(40MM)
6) LAP/ DEVELOPMENT LENGTH FOR REINFORCEMENT :-
CONCRETE GRADE M:35 & Fe 550 STEEL = 40 X DIA. OF BAR
CONCRETE GRADE M:50 & Fe 550 STEEL = 36 X DIA. OF BAR
7) DESHUTTERING PERIOD SHALL NOT BE LESS THAN SPECIFIED BELOW.
-RCC WALLS, COLUMNS AND VERTICAL SIDES OF BEAMS 24HOURS
8) ANY DISCREPANCY BETWEEN GENERAL DRAWING AND DETAILED PROJECT DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE CONSTRUCTION.

KEY PLAN

KEY SECTION

R0	11/10/2025	ADVANCE COPY	
REVISION	DATE	DESCRIPTION	SIGN.

DRG. TITLE :- FOUNDATION PLAN TOWER-B

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :- KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :- TVS

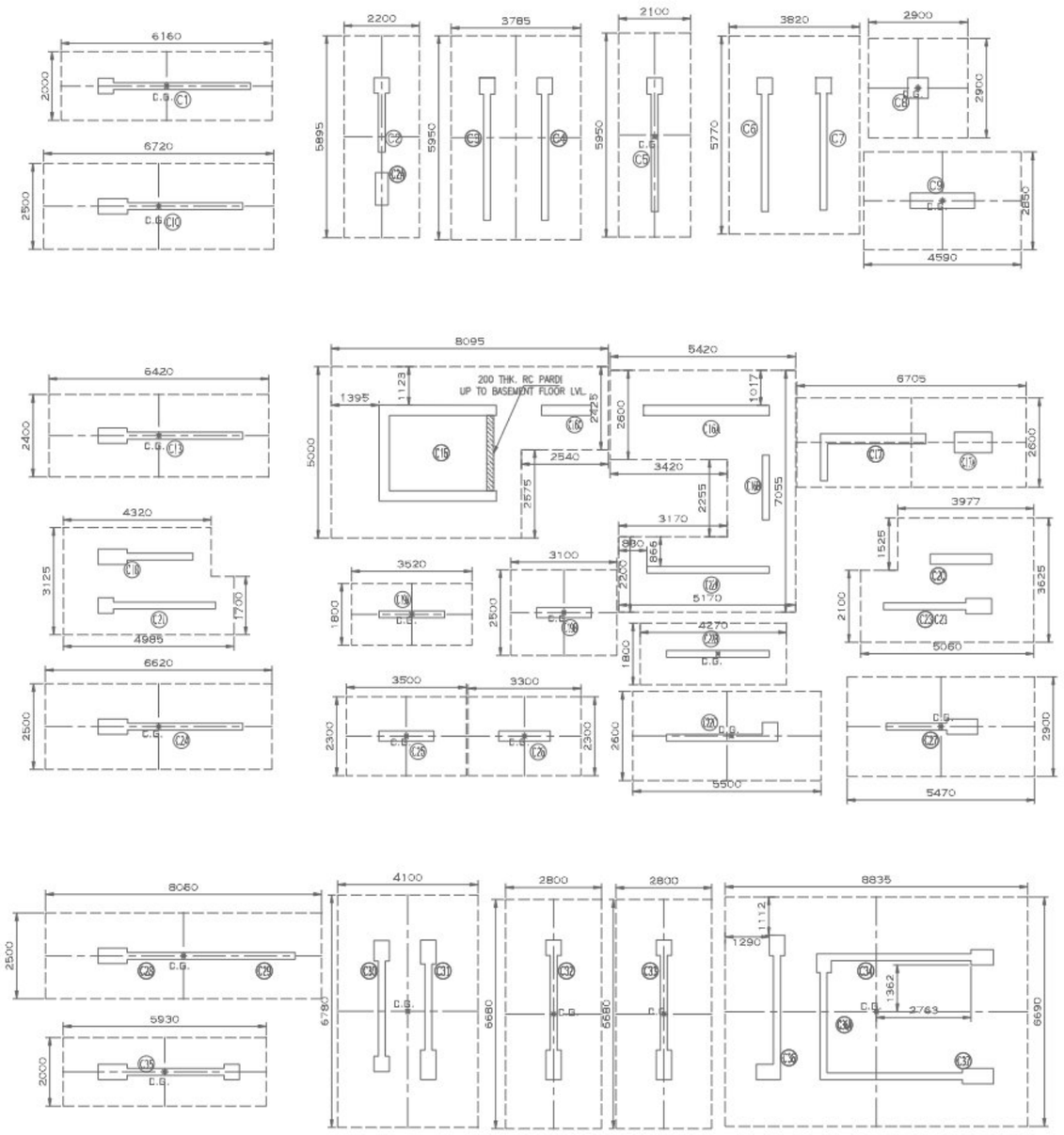
DRAWN BY :- SANDESH	CHECKED BY :- T.S.P./S.S.S.	SCALE :- 1:100
DRG. NO. 1296/T-B/01	REVISION -R0	DATE 11/10/2025

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USE OF THIS DRAWING FOR CONSTRUCTION SHALL EXPLICITLY CONFIRM ACCEPTANCE OF FOLLOWING CONDITIONS BY OWNER / BUILDER / CONTRACTOR

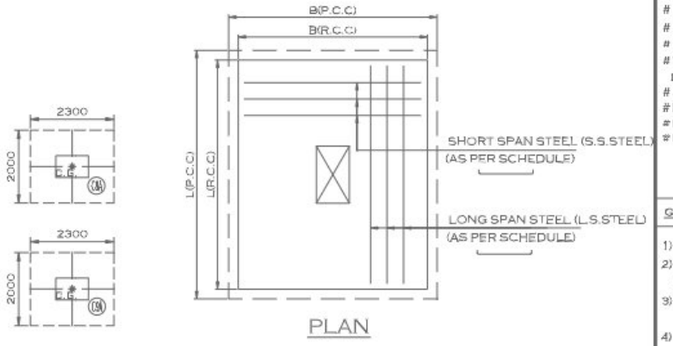
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A) SAFETY OF OLD STRUCTURE DURING DEMOLITION.
B) SAFETY OF ANY ADJOINING BUILDING /PERSONS STAYING IN ADJOINING BUILDING/PERSONS AND PROPERTIES ON ADJOINING ROADS.
C) SAFETY OF CONSTRUCTION WORKER/ANY PERSONNEL AT WORK SITE DURING CONSTRUCTION
D) CORRECTNESS/SAFETY OF ANY TEMPORARY STRUCTURE, SCAFFOLDING, SHUTTERING, CENTERING ERECTED AT SITE AND ANY INJURY TO ANY PERSONNEL ARISING OUT OF ANY ACCIDENTS.
E) ACCIDENTS OCCURRING DUE TO PREMATURE DESHUTTERING, FAULTY / SUBSTANDARD CONSTRUCTION MATERIAL OR WORKMANSHIP / FAULTY CONSTRUCTION PROCEDURE.
F) ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENTS OF BUILDINGS NOT DESIGNED BY US.
2. SUPERVISION IF SPECIFICALLY ASKED FOR WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR/ BUILDER / OWNER.
3. ALL STRUCTURAL CONCRETE SHOULD BE WEIGH BATCHED, MACHINE MIXED & MECHANICALLY VIBRATED.
4. ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS' DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE CONSTRUCTION.

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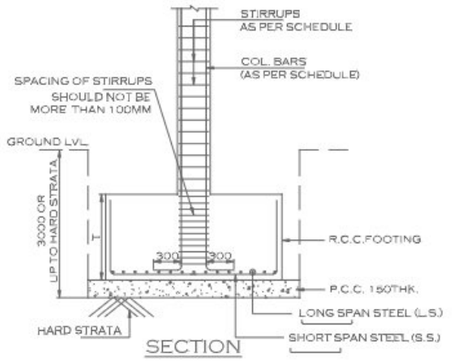


FOUNDATION PLAN

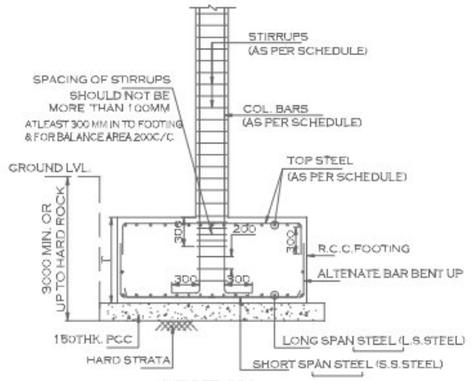
TOWER-D & E



PLAN



SECTION



SECTION

TYPICAL DETAILS OF COLUMN & ISOLATED FOOTINGS

'NOTE:- PROVIDE SIDE FACE REINFORCEMENT 10T@200C/C FOR FOOTINGS HAVING DEPTH MORE THAN 750

USE OF THIS DRAWING FOR CONSTRUCTION SHALL EXPLICITLY CONFIRM ACCEPTANCE OF FOLLOWING CONDITIONS BY OWNER / BUILDER / CONTRACTOR

1. OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN AS TRANSMITTED BY THIS DRAWING AND WE SHALL NOT REMAIN RESPONSIBLE FOR
   A) SAFETY OF OLD STRUCTURE DURING DEMOLITION.
   B) SAFETY OF ANY ADJOINING BUILDING /PERSONS STAYING IN ADJOINING BUILDING/PERSONS AND PROPERTIES ON ADJOINING ROADS.
   C) SAFETY OF CONSTRUCTION WORKER/ANY PERSONNEL AT WORK SITE DURING CONSTRUCTION
   D) CORRECTNESS/SAFETY OF ANY TEMPORARY STRUCTURE, SCAFFOLDING, SHUTTERING, CENTERING PREPARED AT SITE AND ANY INJURY TO ANY PERSONNEL ARISING OUT OF ANY ACCIDENTS.
   E) ACCIDENTS OCCURRING DUE TO PREMATURE DESHUTTERING, FAULTY / SUBSTANDARD CONSTRUCTION MATERIAL OR WORKMANSHIP / FAULTY CONSTRUCTION PROCEDURE.
   F) ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENTS OF BUILDINGS NOT DESIGNED BY US.
2. SUPERVISION IF SPECIFICALLY ASKED FOR WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR/ BUILDER / OWNER.
3. ALL STRUCTURAL CONCRETE SHOULD BE WEIGH BATCHED, MACHINE MIXED & MECHANICALLY VIBRATED.
4. ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS' DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE CONSTRUCTION.

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
USE MIX M:35 & FE:550 STEEL FOR FOOTING
USE MIX M:50 & FE:550 STEEL FOR COLUMNS
"T" INDICATES TOR STEEL
S.B.C. OF SOIL = 60T/SQMT
TOP OF LIFT FOOTING TO BE KEPT 1650MM BELOW BASEMENT 2 LVL. OR AS PER LIFT MANUFACTURER'S DRAWING
SIZES OF FOOTINGS MARKED ON THE PLAN ARE OF RCC
READ THIS DRAWING ALONG WITH GENERAL NOTES DRG.-1296/GN
FOR COLUMN FOOTING SCHEDULE REFER DRG.NO-1296/T-D&E/1A
FOR COLUMN & SHEAR WALL DETAIL REFER DRG. NO - 1296/T-D&E/03.3A,3B....3K

GENERAL NOTES

1) MINIMUM GRADE OF CONCRETE FOR P.C.C.-M:15.
2) FOUNDATION LEVEL AND STRATA TO BE APPROVED BY CONSULTANT AFTER EXCAVATION FOR FOOTING.
3) PROVIDE COLUMN LINKS @ 100 c/c UPTO FOOTING DEPTH.
4) ORIENTATION AND PLUMB TO BE CHECKED FOR ALL THE COLUMNS.
5) CONCRETE COVER TO MAIN REINFORCEMENT:-
   FOOTING(BOTTOM) = 2"(50MM)
   COLUMN = 1.5"(40MM)
6) LAP/ DEVELOPMENT LENGTH FOR REINFORCEMENT :-
   CONCRETE GRADE M:35 & Fe 550 STEEL = 40 X DIA. OF BAR
   CONCRETE GRADE M:50 & Fe 550 STEEL = 36 X DIA. OF BAR
7) DESHUTTERING PERIOD SHALL NOT BE LESS THAN SPECIFIED BELOW.
   RCC WALLS, COLUMNS AND VERTICAL SIDES OF BEAMS 24HOURS
8) ANY DISCREPANCY BETWEEN GENERAL DRAWING AND DETAILED PROJECT DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
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DRG. TITLE :-
FOUNDATION PLAN

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI ,T.N.

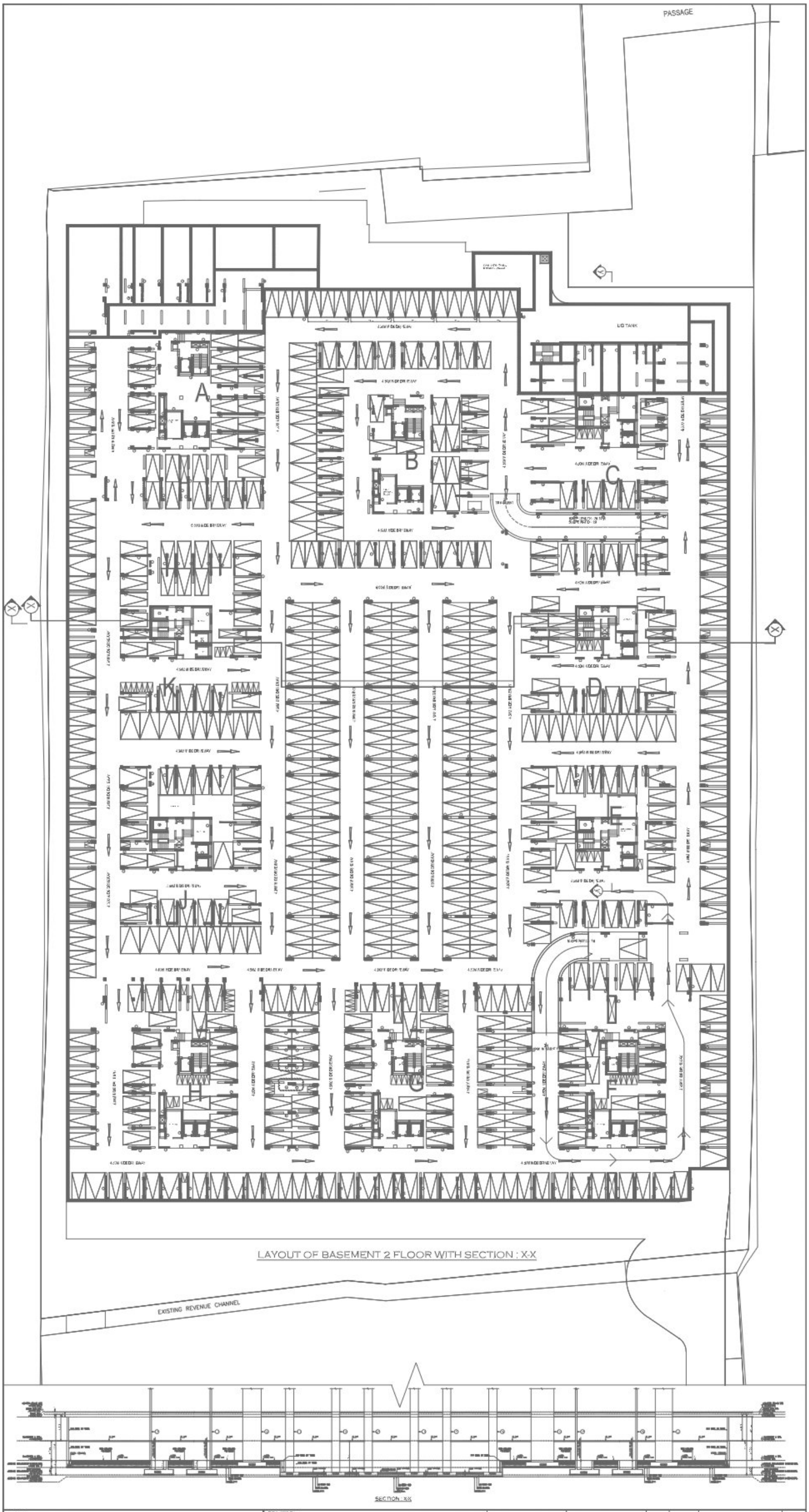
ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

DRAWN BY :-	CHECKED BY :-	SCALE :-
-	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1296/T-D&E/01	*R0	17/10/2025

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NOTES

1. REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION ALONG WITH THIS DRAWING.
2. THIS DRAWING IS NOT TO BE SCALED.

DRG. TITLE :

LAYOUT AT BASEMENT 2 LVL WITH SECTION : X-X

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	06/10/2025	FOR APPROVAL COPY	

PROJECT :

PROPOSED RESIDENTIAL DEVELOPMENT AT ATHALI AVARAM THOMAIPAKKAM ROAD PTR'S CHENNAI-TN.

CLIENT :

SDC

ARCHITECT :

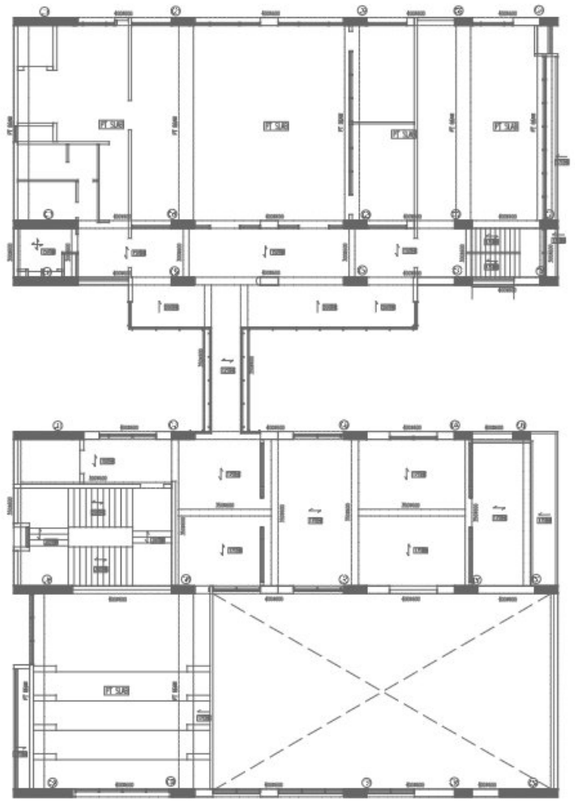
KAPADIA ASSOCIATES DESIGN LLP.

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DRG. NO. : 1296/01	REVISION : R0	DATE : 06/10/2025

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E-MAIL : dagvision@gmail.com
WEBSITE : www.dagvisionconsultants.com



FIRST FLOOR PLAN

LAYOUT OF FIRST FLOOR LVL.

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	04/07/2025	FOR APPROVAL	

DRG. TITLE :-

LAYOUT OF FIRST FLOOR LVL.
(CLUB HOUSE)

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

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GROUND FLOOR LOWER
LEVEL PLAN

LAYOUT OF GROUND FLOOR LOWER LVL.

NOTES

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LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	04/07/2025	FOR APPROVAL	

DRG. TITLE :-

LAYOUT OF GROUND FLOOR LOWER LVL.
(CLUB HOUSE)

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

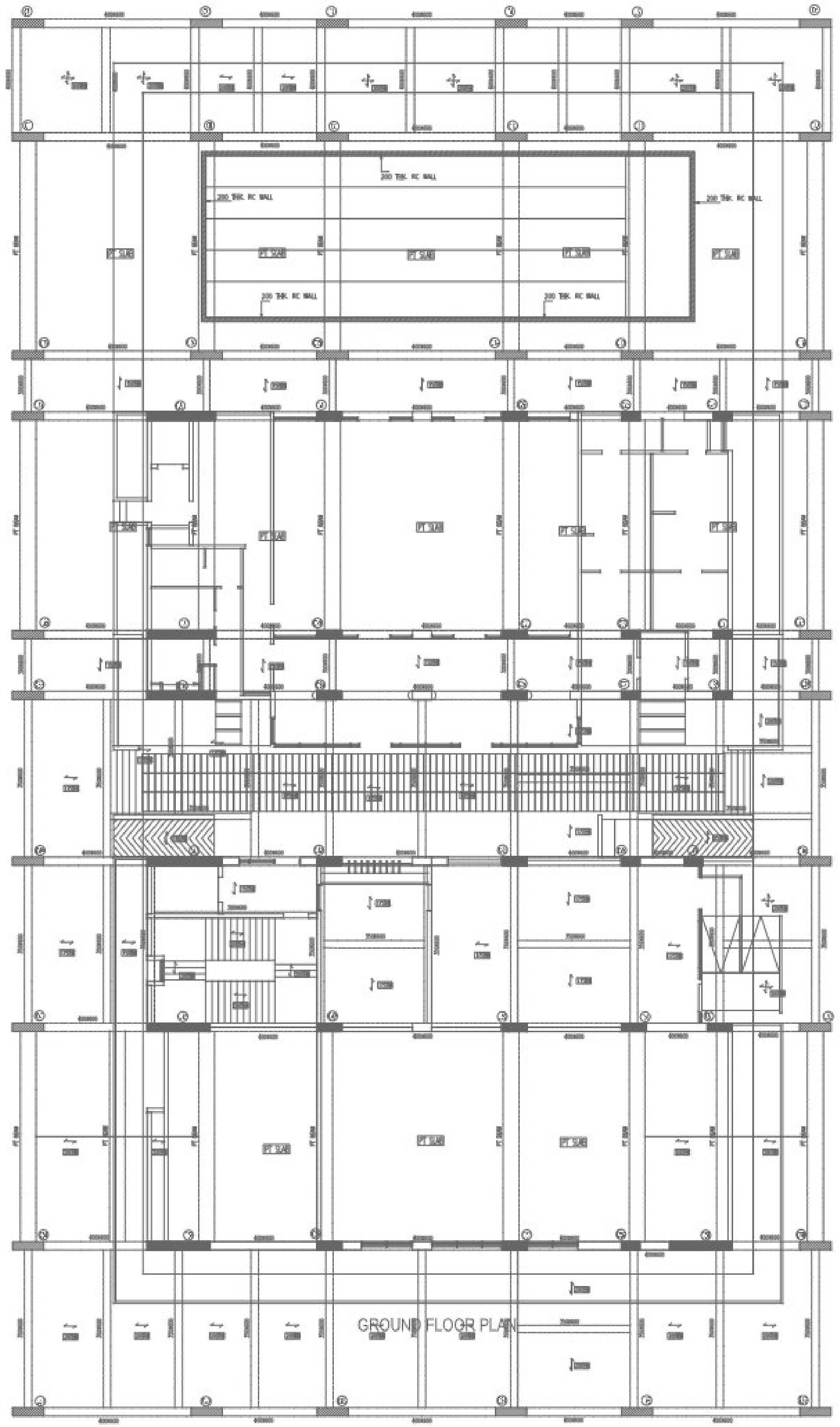
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LAYOUT OF GROUND FLOOR LVL.

NOTES

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USE MIX M:- & FE- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	04/07/2025	FOR APPROVAL	

DRG. TITLE :-

LAYOUT OF GROUND FLOOR LVL.
(CLUB HOUSE)

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

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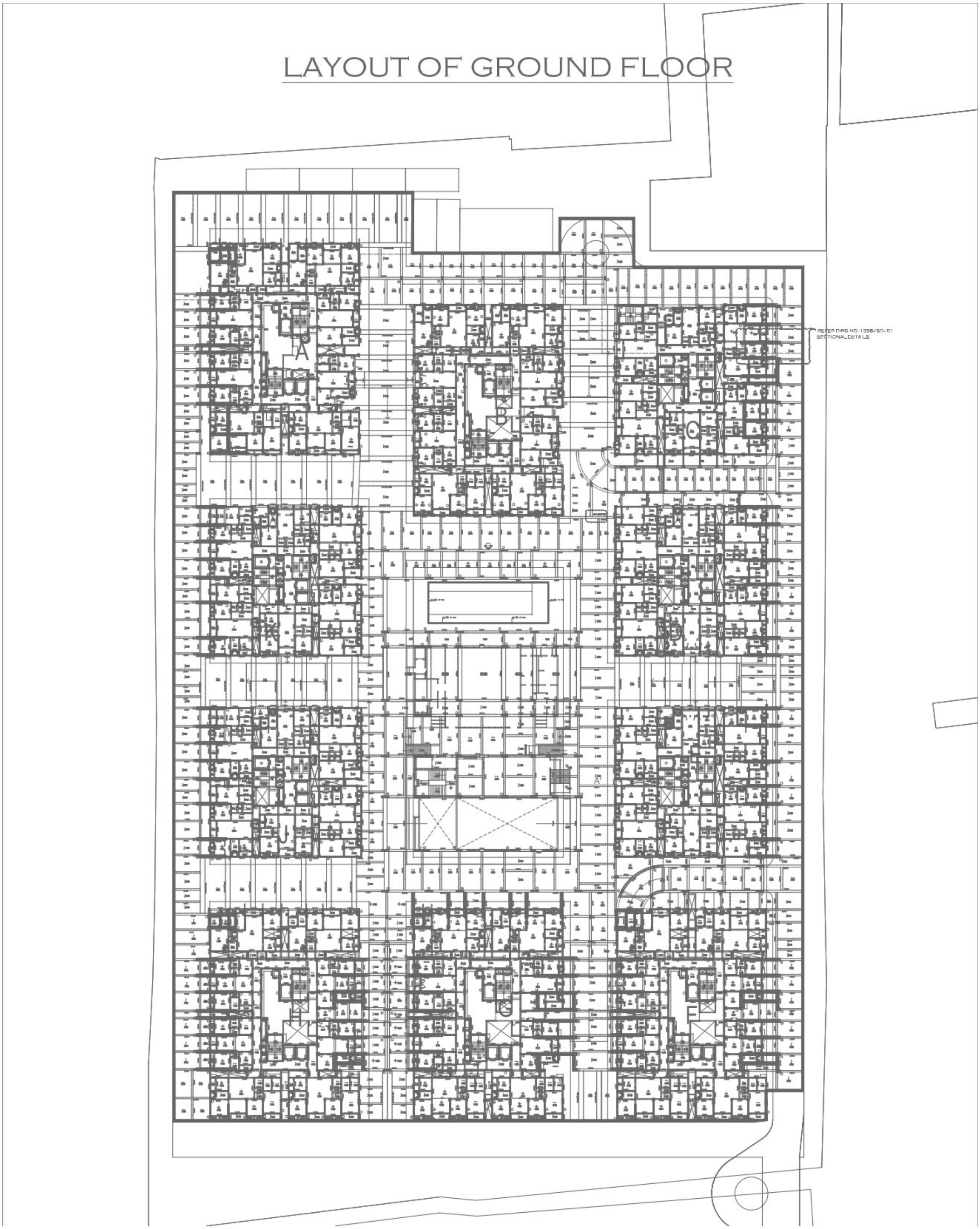
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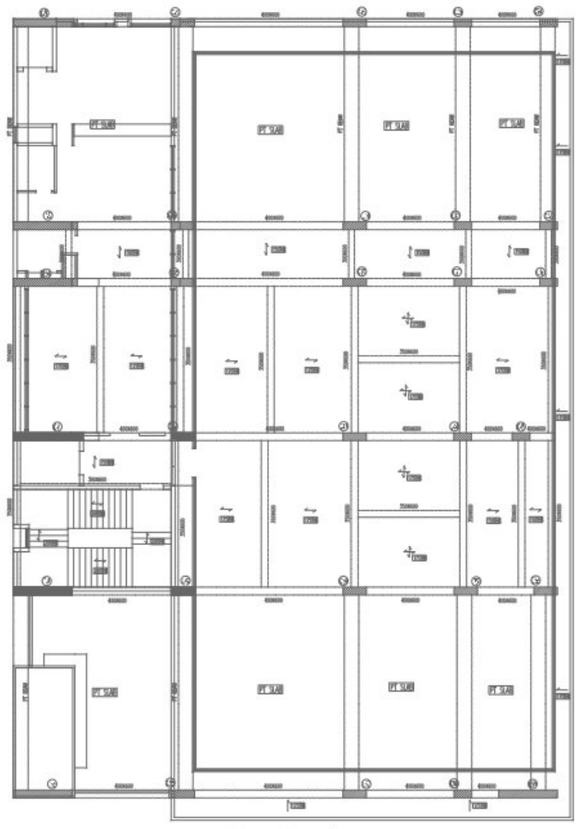
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LAYOUT OF GROUND FLOOR





ROOF FLOOR PLAN

LAYOUT OF ROOF FLOOR LVL.

NOTES

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USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	04/07/2025	FOR APPROVAL	

DRG. TITLE :-

LAYOUT OF ROOF FLOOR LVL.
(CLUB HOUSE)

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

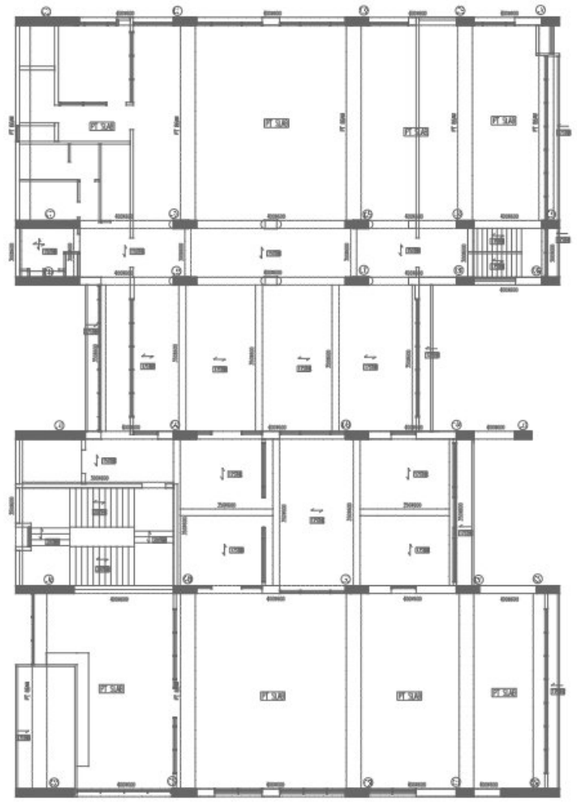
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LAYOUT OF SECOND FLOOR LVL.

NOTES

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USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	04/07/2025	FOR APPROVAL	

DRG. TITLE :-

LAYOUT OF SECOND FLOOR LVL.
(CLUB HOUSE)

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

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TOWER-B

BEAM SCHEDULE

TYPICAL FLOOR

BEAM NUMBERS	SIZE B	SIZE D	BOTTOM STEEL	BOTTOM CURTAIL STEEL EXTRA	TOP STEEL	EXTRA TOP STEEL AT SUPPORT LEFT	EXTRA TOP STEEL AT SUPPORT RIGHT	STIRRUPS DIA.	STIRRUPS LEFT L/4	STIRRUPS MID L/2	STIRRUPS RIGHT L/4	REMARK
B1	200	600	2 T 16		2 T 16			8T	200¢	200¢	100¢	FRAME BEAM
B2	200	600	2 T 16		2 T 16		2 T 20	8T	100¢	125¢	100¢	FRAME BEAM
B3	200	600	2T20+1T16		2 T 16	2 T 20	2 T 16	10T	100¢	125¢	100¢	FRAME BEAM
B4	200	600	3 T 25		2 T 16	2 T 16	2 T 20	10T	100¢	125¢	100¢	FRAME BEAM
B5	200	450	2 T 12		2 T 12			8T	175¢	175¢	100¢	FRAME BEAM
B6	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B7	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B8	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B9	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B10	200	600	2 T 16		2 T 16	2 T 20		8T	100¢	200¢	100¢	FRAME BEAM
B10X	200	850	2 T 16		2 T 20			10T	100¢	100¢	100¢	CANTILEVER
B11	200	600	2 T 16		2 T 16			8T	200¢	200¢	100¢	FRAME BEAM
B12	200	600	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B13	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B14	200	600	2 T 16		2 T 12			8T	200¢	200¢	200¢	
B15	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B17	200	850	2T16+1T12		2T16+1T12			8T	150¢	200¢	150¢	
B18	200	850	2 T 20		2T16+1T12			8T	150¢	150¢	150¢	
B19	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B20	200	850	2T20+1T20		2 T 16	2 T 25	2 T 25	10T	100¢	150¢	100¢	FRAME BEAM
B21	200	850	2T20+1T20		2 T 16	2 T 16	2 T 20	10T	100¢	150¢	100¢	FRAME BEAM
B22	200	600	2 T 20		2 T 20	1 T 16		10T	100¢	125¢	100¢	FRAME BEAM
B23	200	850	2 T 25		2 T 16	1 T 16	2 T 25	10T	100¢	150¢	100¢	FRAME BEAM
B24	200	600	2 T 16		2 T 12			8T	100¢	200¢	200¢	FRAME BEAM
B25	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B26	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B27	200	600	2 T 25		2 T 16	2 T 16	2 T 20	10T	100¢	100¢	100¢	FRAME BEAM
B27A	200	600	2 T 16		2 T 16		2 T 16	8T	200¢	200¢	100¢	FRAME BEAM
B28	300	600	3 T 25		3 T 25			12T	100¢	100¢	100¢	FRAME BEAM
B29	200	600	2 T 16		2 T 12			8T	200¢	200¢	200¢	
B30	200	600	2 T 20		2 T 16	2 T 25		10T	100¢	100¢	100¢	FRAME BEAM
B31	200	600	2 T 20		2 T 16		2 T 20	8T	100¢	125¢	100¢	FRAME BEAM
B32X	200	600	2 T 16		2 T 16			8T	100¢	100¢	100¢	CANTILEVER
B33	200	600	2 T 16		2 T 16			8T	100¢	100¢	100¢	FRAME BEAM
B34	200	600	2T20+1T16		2 T 16	2 T 25		8T	100¢	100¢	100¢	FRAME BEAM
B35	200	600	2T20+1T16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B36	200	600	2 T 20		2 T 16		2 T 20	8T	100¢	125¢	100¢	FRAME BEAM
B37	200	600	2 T 16		2 T 16			8T	100¢	150¢	100¢	FRAME BEAM
B38M	200	600	2 T 16		2 T 16			8T	100¢	150¢	100¢	@MIDLANDING LVL.
B39	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B40	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B41	200	600	2 T 20		2 T 16	2 T 20		8T	100¢	100¢	100¢	FRAME BEAM
B42	200	850	2 T 20		2 T 20		2 T 20	8T	125¢	125¢	100¢	FRAME BEAM
B42X	200	600	2 T 16		2 T 20			8T	100¢	100¢	100¢	CANTILEVER
B43	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B44	200	600	2 T 20		2 T 16	2 T 25		8T	100¢	100¢	100¢	FRAME BEAM
B45	200	600	2 T 16		2 T 16		2 T 20	8T	100¢	150¢	100¢	FRAME BEAM
B46M	200	600	2 T 16		2 T 12			8T	100¢	125¢	125¢	FRAME BEAM
B47	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B48	200	600	2 T 16		2 T 16			8T	100¢	150¢	150¢	FRAME BEAM
B49X	200	600	2 T 16		2 T 20			8T	100¢	100¢	100¢	CANTILEVER
B50	200	600	2 T 16		2 T 12			8T	200¢	200¢	200¢	
B51	200	600	2 T 16		2 T 16			8T	100¢	100¢	100¢	FRAME BEAM
B52	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B53	200	600	2 T 16		2 T 16			8T	200¢	200¢	200¢	
B54	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B55	200	850	2T20+1T20		2 T 16	2 T 25	2 T 25	10T	100¢	125¢	100¢	FRAME BEAM
B56	200	850	2T20+1T20		2 T 16	2 T 20	2 T 25	10T	100¢	150¢	100¢	FRAME BEAM
B57	200	850	2T25+1T20		2 T 25			10T	100¢	100¢	100¢	FRAME BEAM
B58	200	850	2T20+1T16		2 T 20		2 T 20	10T	100¢	125¢	100¢	FRAME BEAM
B59	200	850	2T16+1T12		2T16+1T12			8T	200¢	200¢	100¢	FRAME BEAM
B60	200	600	2 T 16		2 T 12			8T	200¢	200¢	200¢	
B61	200	600	2 T 16		2 T 16			8T	100¢	200¢	200¢	FRAME BEAM
B62	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B63	200	600	2 T 20		2 T 16	2 T 12	2 T 12	8T	100¢	125¢	100¢	FRAME BEAM
B64	200	600	2 T 20		2 T 16	2 T 12	2 T 16	8T	100¢	100¢	100¢	FRAME BEAM
B65	200	600	2 T 20		2 T 16	2 T 16	2 T 16	8T	100¢	100¢	100¢	FRAME BEAM
B66	200	600	2 T 20		2 T 16	2 T 16		8T	100¢	200¢	200¢	FRAME BEAM
B67	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B68	200	850	2T16+1T12		2T16+1T12	2 T 16		8T	100¢	125¢	100¢	FRAME BEAM
B69	200	600	2 T 16		2 T 16		2 T 16	8T	100¢	200¢	100¢	FRAME BEAM
B70	200	600	2 T 20		2 T 16	2 T 16	2 T 16	8T	100¢	200¢	100¢	FRAME BEAM
B71	200	600	2 T 20		2 T 16	2 T 16	2 T 16	8T	100¢	100¢	100¢	FRAME BEAM
B72	200	850	2 T 20		2 T 20	2 T 16	2 T 16	8T	100¢	125¢	100¢	FRAME BEAM
B72X,B104X	200	600	2 T 20		2 T 20			8T	100¢	100¢	100¢	CANTILEVER
B73	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B74	200	600	2 T 16		2 T 16			8T	100¢	200¢	200¢	FRAME BEAM
B75	200	850	2T20+2T16		2 T 16	2 T 25	2 T 16	10T	100¢	150¢	100¢	FRAME BEAM
B76	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B77	200	850	2 T 20		2 T 16	2 T 16	2 T 20	8T	100¢	200¢	100¢	FRAME BEAM
B78	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	
B79	200	600	2 T 16		2 T 12			8T	175¢	200¢	200¢	
B80	200	450	2 T 12		2 T 12			8T	200¢	200¢	200¢	

TOWER-B

BEAM SCHEDULE

TYPICAL FLOOR

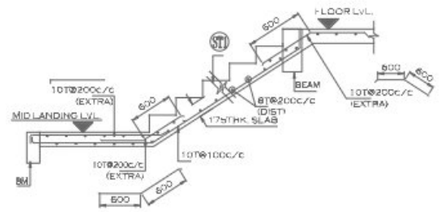
BEAM NUMBERS	SIZE B	SIZE D	BOTTOM STEEL	BOTTOM CURTAIL STEEL EXTRA	TOP STEEL	EXTRA TOP STEEL AT SUPPORT LEFT	EXTRA TOP STEEL AT SUPPORT RIGHT	STIRRUPS DIA.	STIRRUPS LEFT L/4	STIRRUPS MID L/2	STIRRUPS RIGHT L/4	REMARK
B81	200	600	2 T 16		2 T 16			8T	200¢	200¢	100¢	FRAME BEAM
B82	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B83	200	600	2 T 16		2 T 16			8T	100¢	175¢	100¢	FRAME BEAM
B84	200	600	2T16+1T16		2 T 16			8T	100¢	150¢	100¢	FRAME BEAM
B85	200	600	2 T 16		2 T 16			8T	100¢	200¢	100¢	FRAME BEAM
B86	200	600	2 T 16		2 T 16			8T	100¢	200¢	200¢	FRAME BEAM
B87	200	850	2T20+2T16		2 T 16	2 T 25		10T	100¢	150¢	100¢	FRAME BEAM
B88	200	600	2 T 16		2 T 16			8T	100¢	200¢	200¢	FRAME BEAM
B89	200	600	2 T 16		2 T 12			8T	200¢	200¢	200¢	
B90	200	600	2 T 16		2 T 16			8T	200¢	200¢	100¢	FRAME BEAM
B91	200	850	2T20+1T16		2 T 16	1 T 16	2 T 20	8T	100¢	125¢	100¢	FRAME BEAM
B92	200	850	2T20+1T16		2 T 16	2 T 20	2 T 16	8T	100¢	100¢	100¢	FRAME BEAM
B93	200	850	2T20+2T16		2 T 20		2 T 20	10T	150¢	150¢	100¢	FRAME BEAM
B94	300	600	3 T 25		3 T 25			10T	100¢	100¢	100¢	FRAME BEAM
B95	200	600	2 T 20		2 T 16	2 T 16	2 T 16	10T	100¢	100¢	100¢	FRAME BEAM
B96	200	450	2 T 12		2 T 12			8T	200¢	200¢	100¢	FRAME BEAM
B97	200	600	2 T 16		2 T 16	2 T 16		8T	100¢	125¢	100¢	FRAME BEAM
B98,B122	200	850	2 T 20		2 T 16	2 T 20		8T	100¢	125¢	125¢	FRAME BEAM
B98X,B122X	200	600	2 T 16		2 T 16			8T	100¢	100¢	100¢	CANTILEVER
B99MX	160	850	2 T 16		2T20+2T16			10T	100¢	100¢	100¢	CANTILEVER @MIDLANDING
B100	200	850	2 T 20		2 T 16		2 T 20	8T	125¢	100¢	100¢	FRAME BEAM
B101	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B102	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B103	200	850	2 T 20		2 T 16	2 T 20		8T	100¢	125¢	125¢	FRAME BEAM
B104	200	850	2 T 20		2 T 16		2 T 20	10T	150¢	150¢	100¢	FRAME BEAM
B105	200	600	2 T 16		2 T 16	1 T 12	1 T 12	8T	100¢	125¢	100¢	FRAME BEAM
B106	200	600	2 T 16		2 T 16			8T	200¢	100¢	100¢	FRAME BEAM
B107	200	600	2 T 16		2 T 16		2 T 12	8T	100¢	125¢	100¢	FRAME BEAM
B108	300	600	3 T 16		3 T 16	1 T 16	1 T 16	10T	100¢	150¢	100¢	FRAME BEAM
B109	200	600	2 T 16		2 T 16			8T	200¢	100¢	100¢	FRAME BEAM
B110	200	850	2T25+2T20		2 T 20	2 T 25	2 T 25	12T	100¢	125¢	100¢	FRAME BEAM
B111	200	850	2T25+2T20		2T25+2T20			12T	100¢	100¢	100¢	FRAME BEAM
B112	200	850	4 T 25		2 T 25	2 T 25	2 T 25	12T	100¢	125¢	100¢	FRAME BEAM
B113	200	600	2 T 16		2 T 16			8T	100¢	200¢	200¢	FRAME BEAM
B114	300	600	3 T 16		3 T 16			8T	100¢	100¢	100¢	FRAME BEAM
B115	200	600	2 T 16		2 T 16		1 T 12	8T	100¢	100¢	100¢	FRAME BEAM
B115X	200	600	2 T 16		2 T 16			8T	100¢	100¢	100¢	CANTILEVER
B116	200	600	2 T 20		2 T 16	1 T 12	2 T 16	8T	100¢	100¢	100¢	FRAME BEAM
B117	200	600	2 T 16		2 T 12			8T	200¢	200¢	100¢	FRAME BEAM
B118	200	600	2 T 16		2 T 16		1 T 12	8T	100¢	150¢	100¢	FRAME BEAM
B119	200	600	2 T 16		2 T 16			8T	100¢	125¢	100¢	FRAME BEAM
B120	200	850	2 T 20		2 T 16		2 T 20	8T	100¢	125¢	100¢	FRAME BEAM
B121	160	850	2 T 16		2 T 16			10T	100¢	100¢	100¢	FRAME BEAM
B122	200	850	2 T 20		2 T 20	2 T 20		10T	100¢	100¢	100¢	FRAME BEAM
HB	200	T	2 T 12		2 T 12			8T	100¢	100¢	100¢	HIDDEN BEAM

TOWER-B

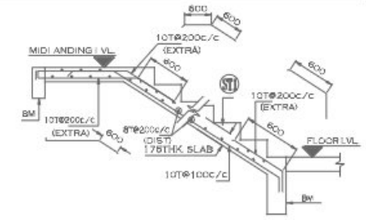
SLAB SCHEDULE

TYPICAL FLOOR

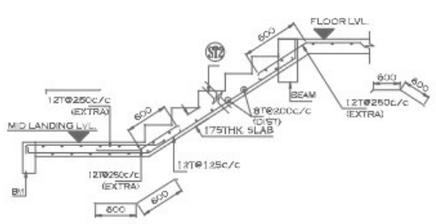
NOTE	SLAB NUMBERS	THICK.	SHORT SPAN STEEL	LONG SPAN STEEL	REMARK
100 SUNK	S1	125	8T@225¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
65 SUNK	S2	125	8T@225¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
100 SUNK	S3	125	8T@225¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
	S4	125	8T@225¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
	S5	125	8T@200¢ (ALT BAR BENT UP)	8T@200¢ (ALT BAR BENT UP)	TWO WAY
	S6	150	8T@200¢ (DISTRIBUTION)	8T@100¢ (ALT BAR BENT UP)	ONE WAY
SUPPORTS S6B	S6A	150	8T@150¢ (DISTRIBUTION)	10T@75¢ (ALT BAR BENT UP)	ONE WAY
REST ON S6	S6B	150	8T@125¢ (ALT BAR BENT UP)	8T@150¢ (ALT BAR BENT UP)	TWO WAY
	S7	125	8T@100¢ (ALT BAR BENT UP)	8T@200¢ (ALT BAR BENT UP)	TWO WAY
	S8	125	8T@225¢ (ALT BAR BENT UP)	8T@225¢ (ALT BAR BENT UP)	TWO WAY
150 SUNK	S9	125	8T@225¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
	S10	125	8T@200¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
	S11	125	8T@200¢ (ALT BAR BENT UP)	8T@225¢ (ALT BAR BENT UP)	TWO WAY
	S12	125	8T@125¢ (ALT BAR BENT UP)	8T@250¢ (DISTRIBUTION)	ONE WAY
@BEAM BOTTOM	S5	125	8T@225¢ (REFER DETAIL)	8T@300¢ (DISTRIBUTION)	ONE WAY
@BEAM BOTTOM	S5X,S13	125	8T@150¢ (@TOP ALT BAR BENT BACK)	8T@200¢ (DISTRIBUTION)	CANTILEVER
STAIRCASE REST ON ST2	ST1	175	8T@200¢ (DISTRIBUTION)	10T@100¢ (ALT BAR BENT UP)	ONE WAY
STAIRCASE SUPPORTS ST1	ST2	175	8T@200¢ (DISTRIBUTION)	12T@125¢ (ALT BAR BENT UP)	ONE WAY



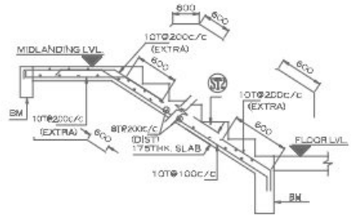
SECTION THROUGH SECOND FLIGHT-ST1



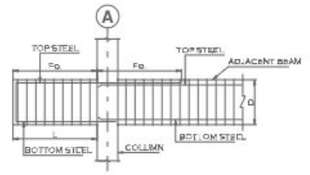
SECTION THROUGH FIRST FLIGHT-ST1



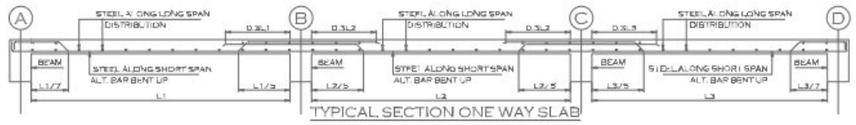
SECTION THROUGH SECOND FLIGHT-ST2



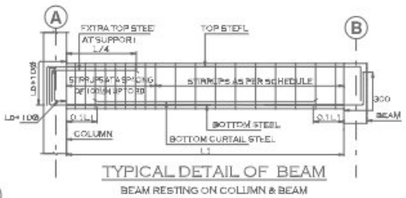
SECTION THROUGH FIRST FLIGHT-ST2



TYPICAL DETAIL OF CANTILEVER BEAM

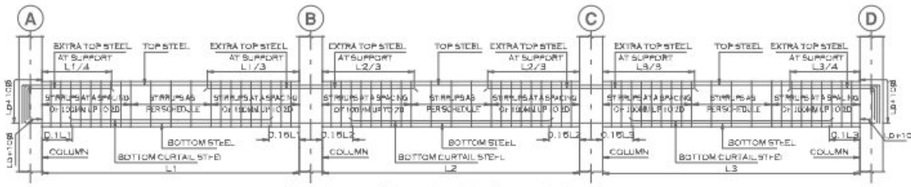


TYPICAL SECTION ONE WAY SLAB

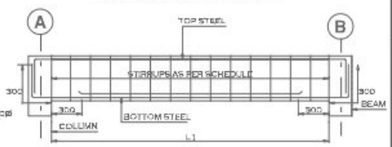


TYPICAL DETAIL OF BEAM

BEAM RESTING ON COLUMN & BEAM



TYPICAL DETAIL OF CONTINUOUS BEAM



TYPICAL DETAIL OF BEAM

BEAM RESTING ON BEAMS

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR
USE MIX M40 & Fe 550 STEEL FOR BEAM & SLAB.
"T" INDICATES TOR STEEL.

REVISION	DATE	DESCRIPTION	SIGN
R0	11/10/2025	ADVANCE COPY	

DRG. TITLE :-
SCHEDULE OF TYPICAL FLOOR
TOWER - B

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI, T.N.

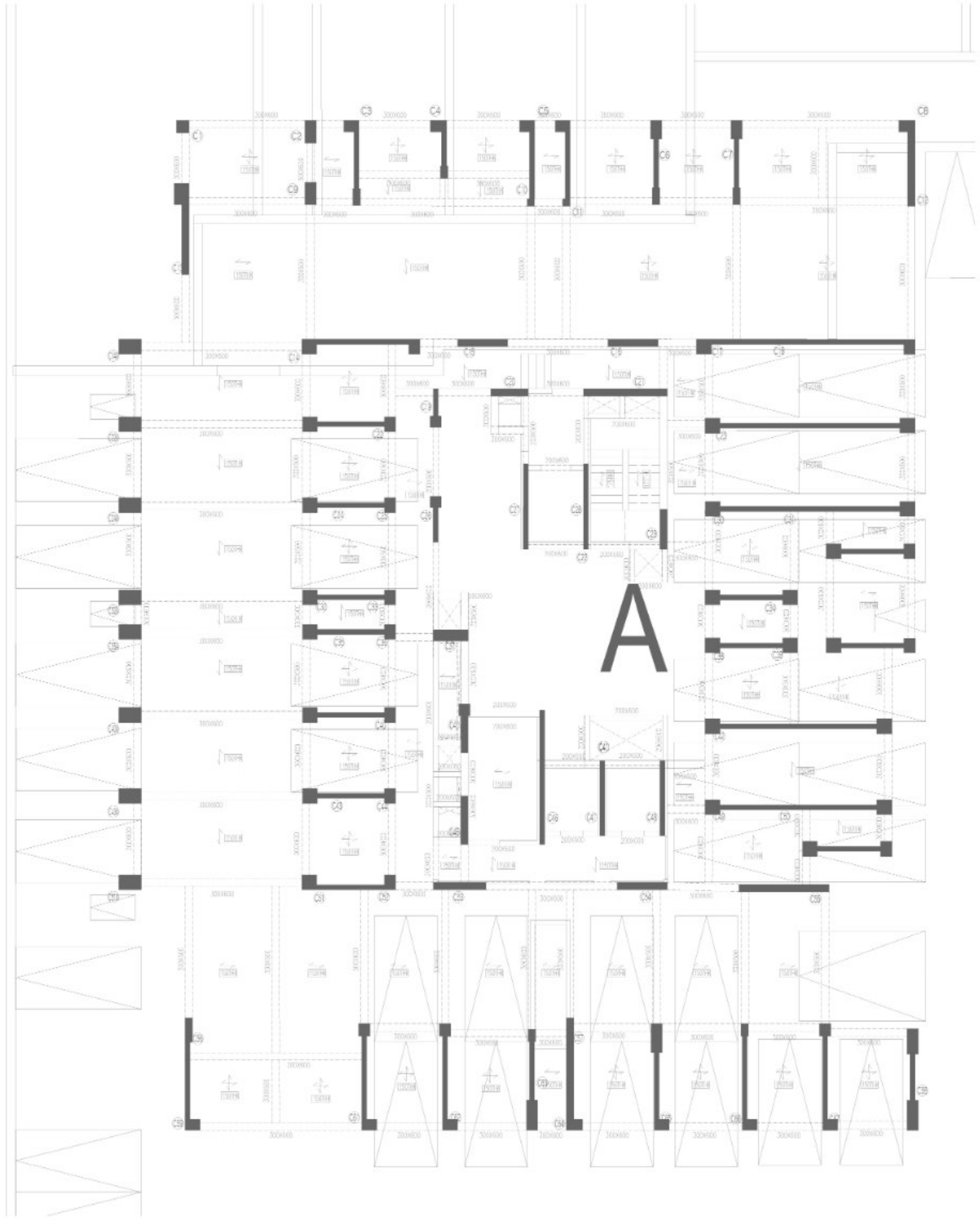
ARCHITECT :-
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

DRAWN BY :-	CHECKED BY :-	SCALE :-
PRANAV	T.S.P./S.S.S.	1:100
DRG. NO.	REVISION	DATE
1296/TB/BA	R0	23/08/2025

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LAYOUT OF BASEMENT FLOOR
TOWER - A

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M- & Fe- STEEL FOR BEAM & SLAB.

LEGENDS:-

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R3	17/06/2025	REV. AS PER ARCH. COMMENTS	
R2	27/05/2025	REV. AS PER ARCH. DWG.	
R1	12/05/2025	REV. AS PER ARCH. DWG.	
R0	14/04/2025	FOR APPROVAL	

DRG. TITLE :-

LAYOUT OF BASEMENT FLOOR
TOWER - A

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

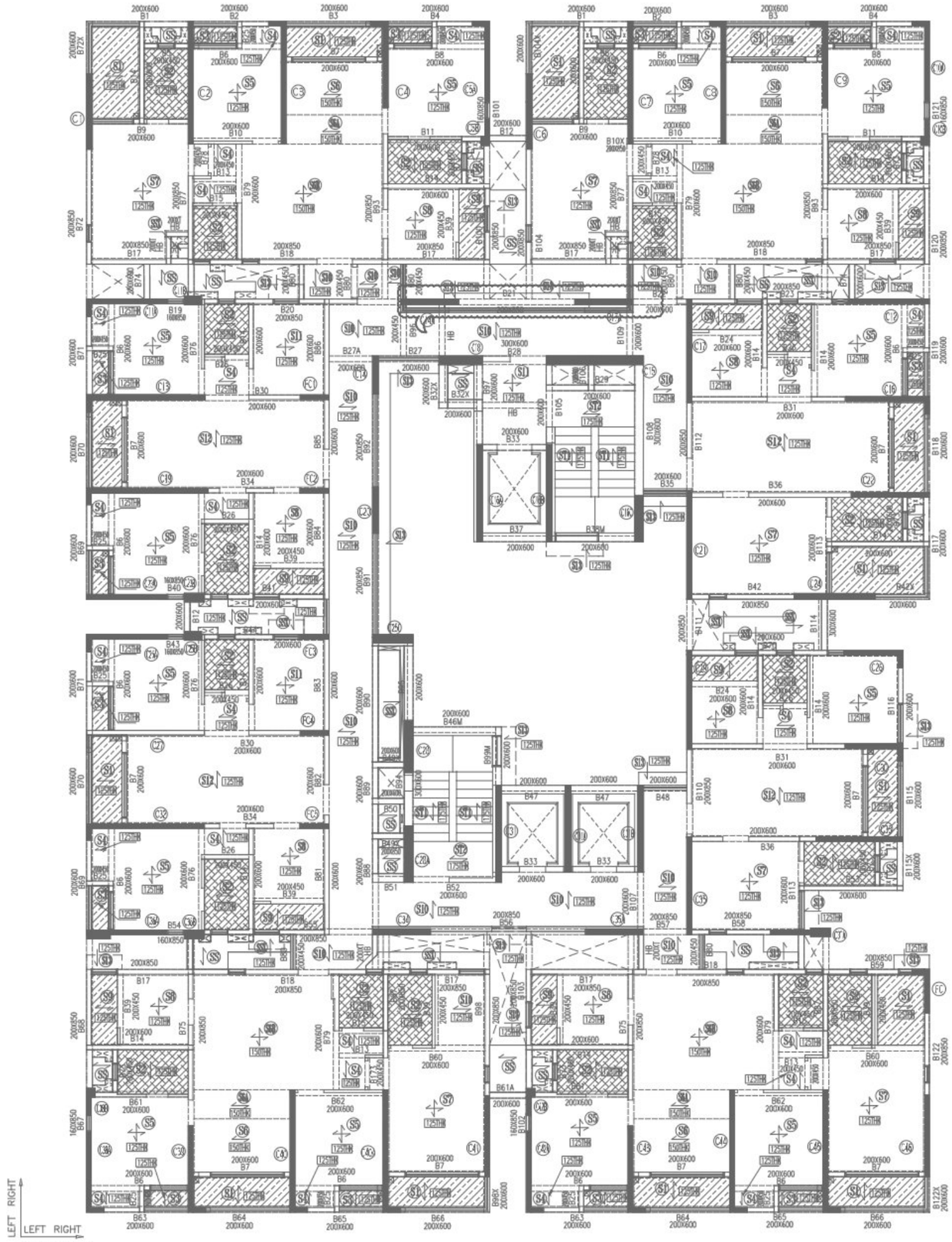
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DESIGN LLP.

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1296/A/01	"R3	14/04/2025

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LAYOUT OF TYPICAL FLOOR

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR
USE MIX M:40 & Fe:550 STEEL FOR BEAM & SLAB.
"T" INDICATES TOR STEEL
READ THIS DRAWING ALONG WITH GENERAL NOTES - 1296/GN
FOR SCHEDULE OF TYPICAL FLOOR REFER DRG.NO-1296/T-B/5A

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

LEGENDS:-

TOILET-65 SUNK

BALCONY-100 SUNK

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	11/10/2025	ADVANCE COPY	

DRG. TITLE :-
LAYOUT OF TYPICAL FLOOR
(TOWER B)

PROJECT :-
PROPOSED RESIDENTIAL DEVELOPMENT
AT PALLAVARAM THORAIPAKKAM ROAD(PTR)
CHENNAI,T.N.

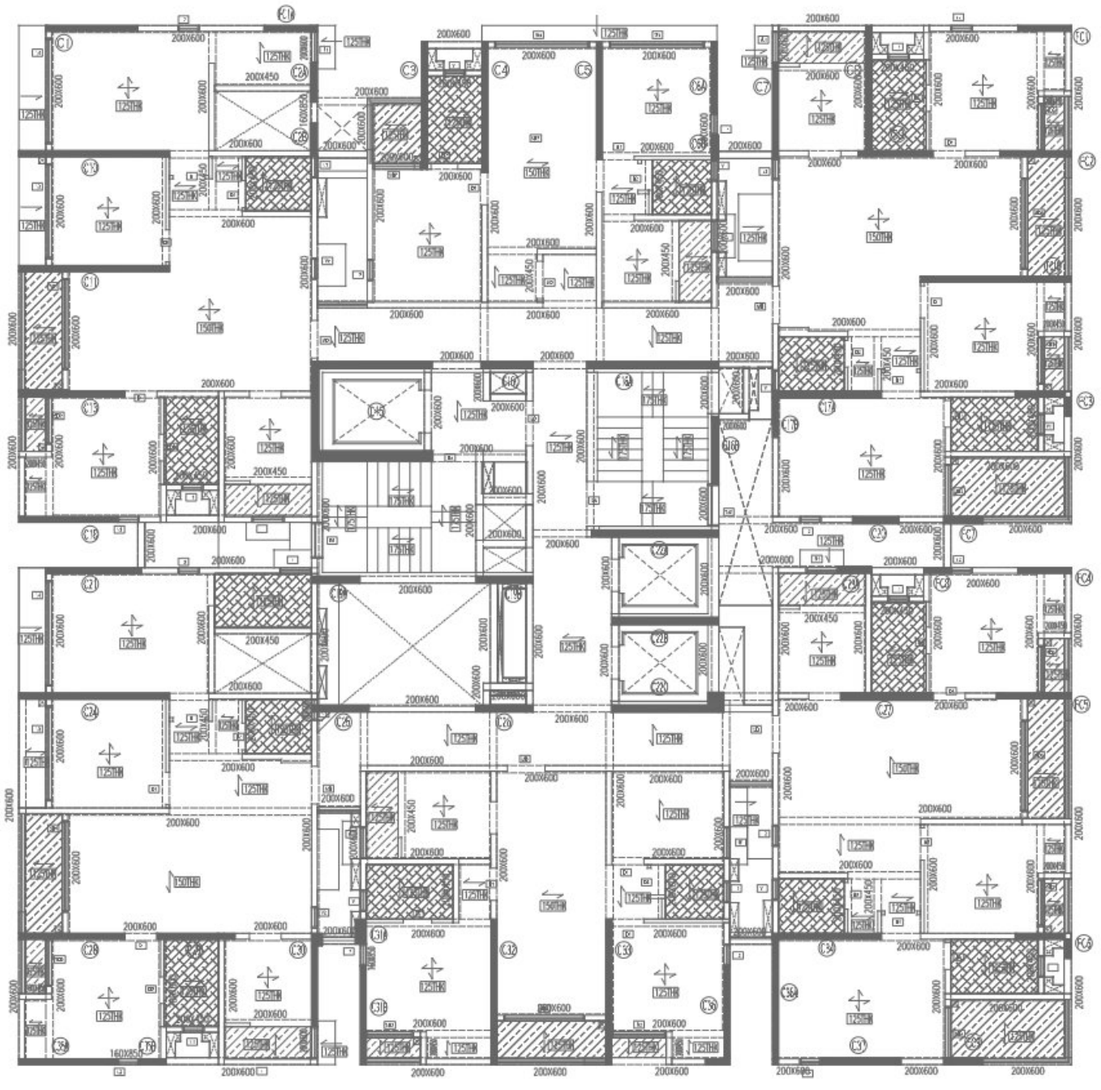
ARCHITECT :-
KAPADIA ASSOCIATES
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CLIENT :-

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DRG. NO.	REVISION	DATE
1296/T-B/5A	R0	11/10/2025

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LAYOUT OF TYPICAL FLOOR

TOWER - C

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF TYPICAL FLOOR
TOWER- C

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

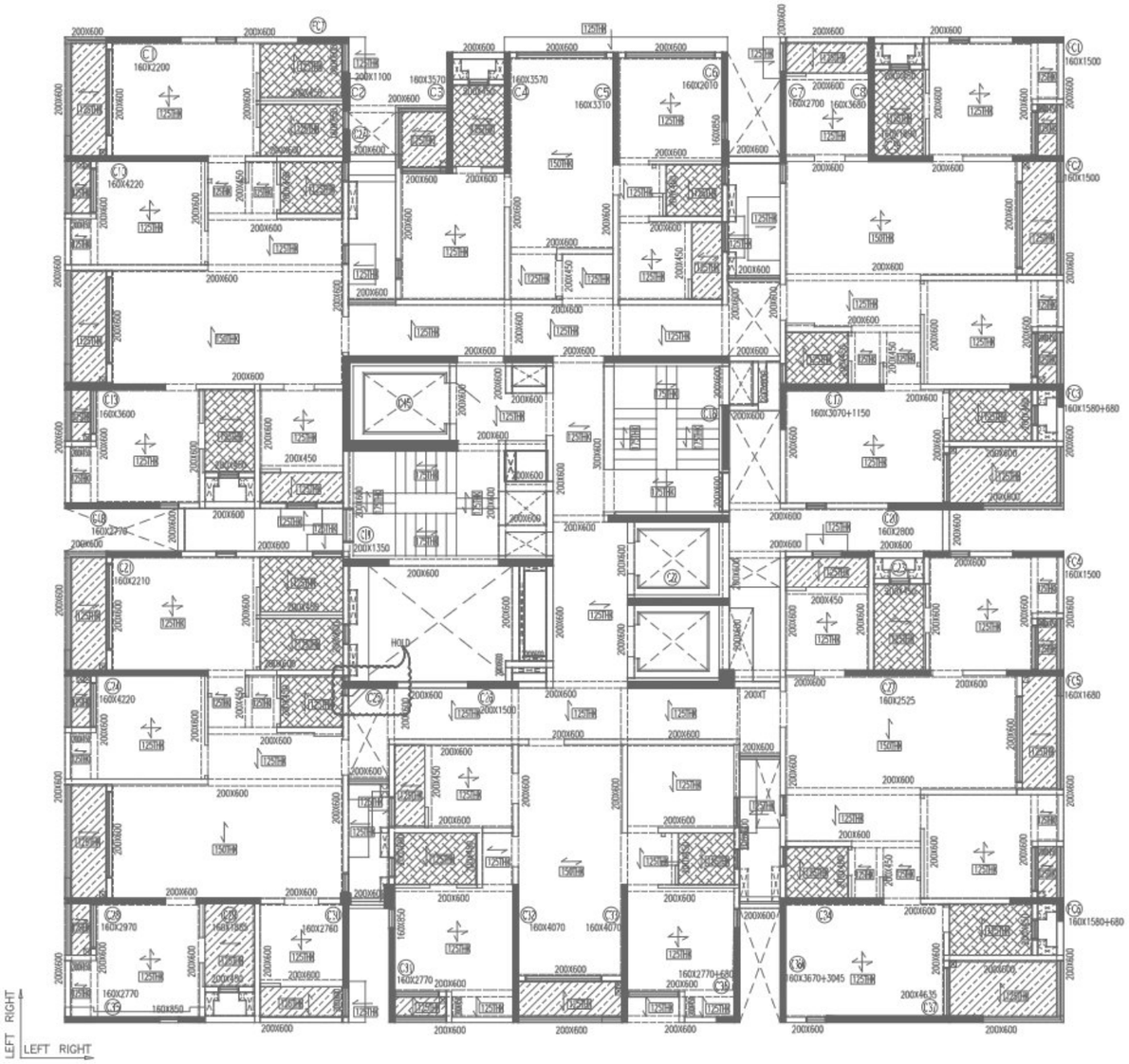
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DRG. NO.	REVISION	DATE
1296/C & N/03	*R0	10/10/2025

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LAYOUT OF TYPICAL FLOOR
TOWER - D & E

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:50 & Fe:550 STEEL FOR BEAM & SLAB.

LEGENDS:-

TOILET SUNK

BALCONY SUNK

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF TYPICAL FLOOR
TOWER - D & E

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

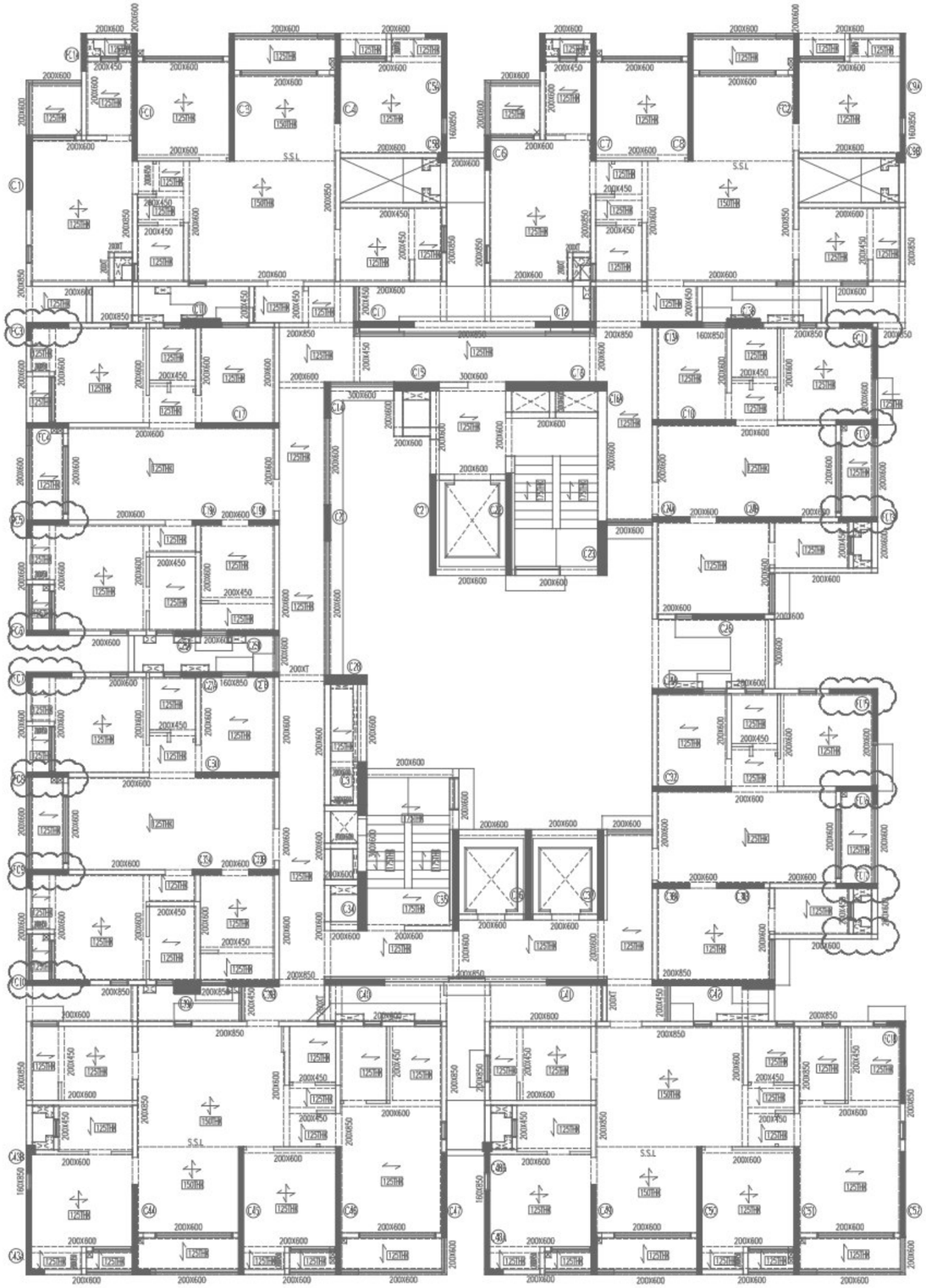
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DRG. NO.	REVISION	DATE
1296/D/03	*R0	10/10/2025

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LAYOUT OF TYPICAL FLOOR
TOWER - F

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

TOILET SUNK

BALCONY SUNK

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF TYPICAL FLOOR
TOWER - F

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

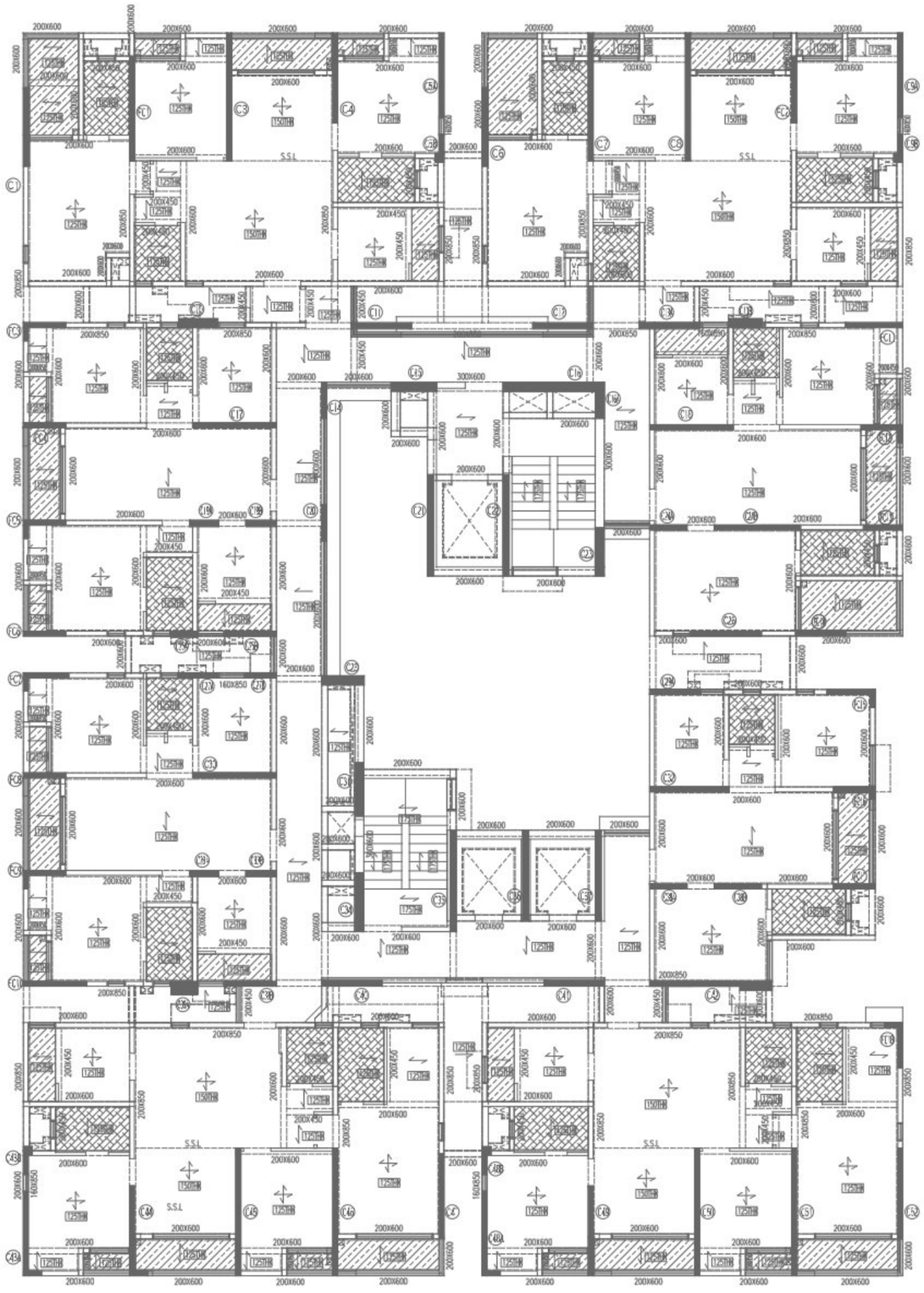
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DRG. NO.	REVISION	DATE
1296/F/03	*R0	10/10/2025

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LAYOUT OF TYPICAL FLOOR
TOWER - G

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-
LAYOUT OF TYPICAL FLOOR
TOWER - G

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

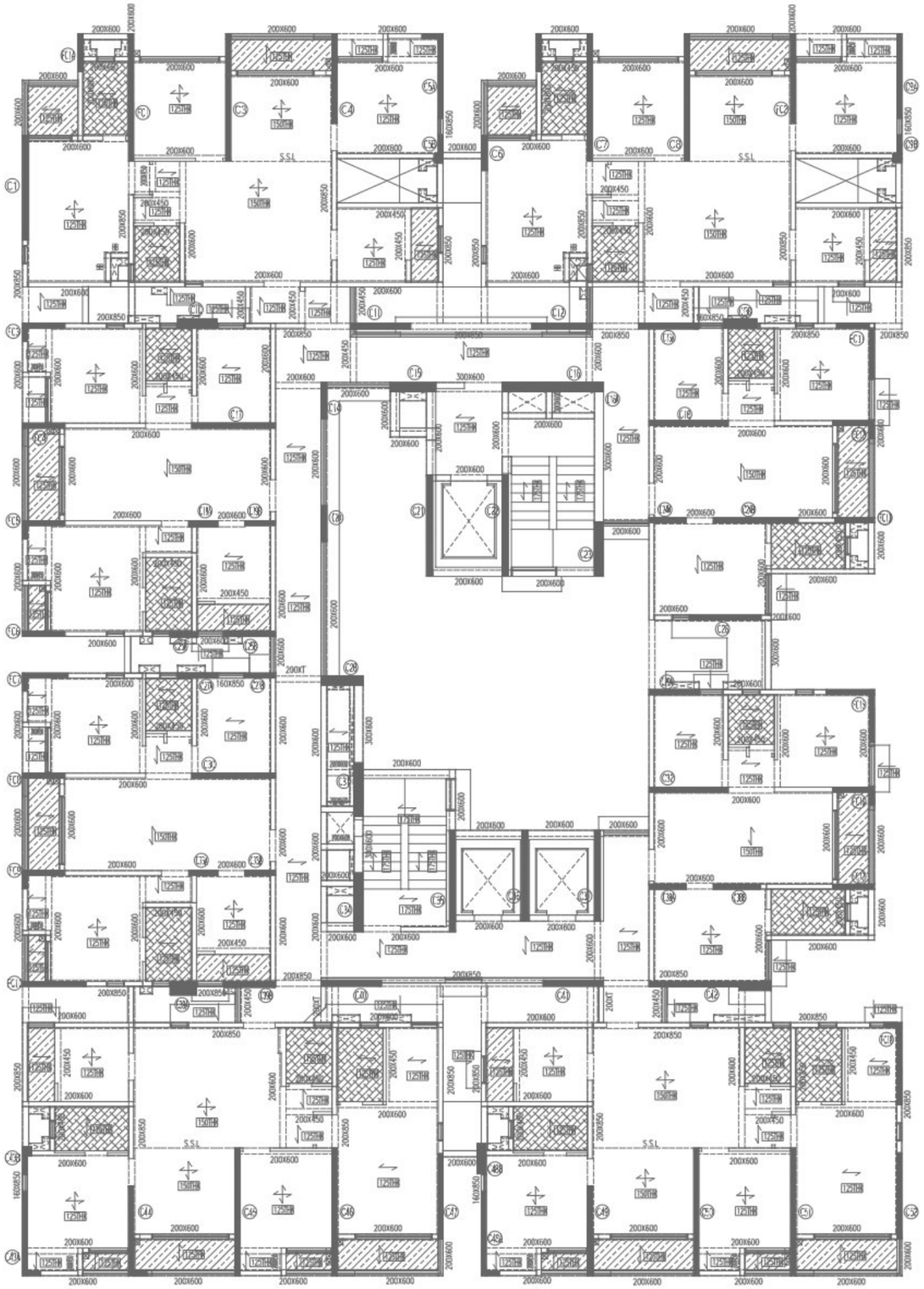
ARCHITECT :-
KAPADIA ASSOCIATES DESIGN LLP.

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DRG. NO.	REVISION	DATE
1296/G/03	R0	10/10/2025

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LAYOUT OF TYPICAL FLOOR
TOWER -H

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

TOILET SUNK

BALCONY SUNK

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF TYPICAL FLOOR
TOWER - H

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

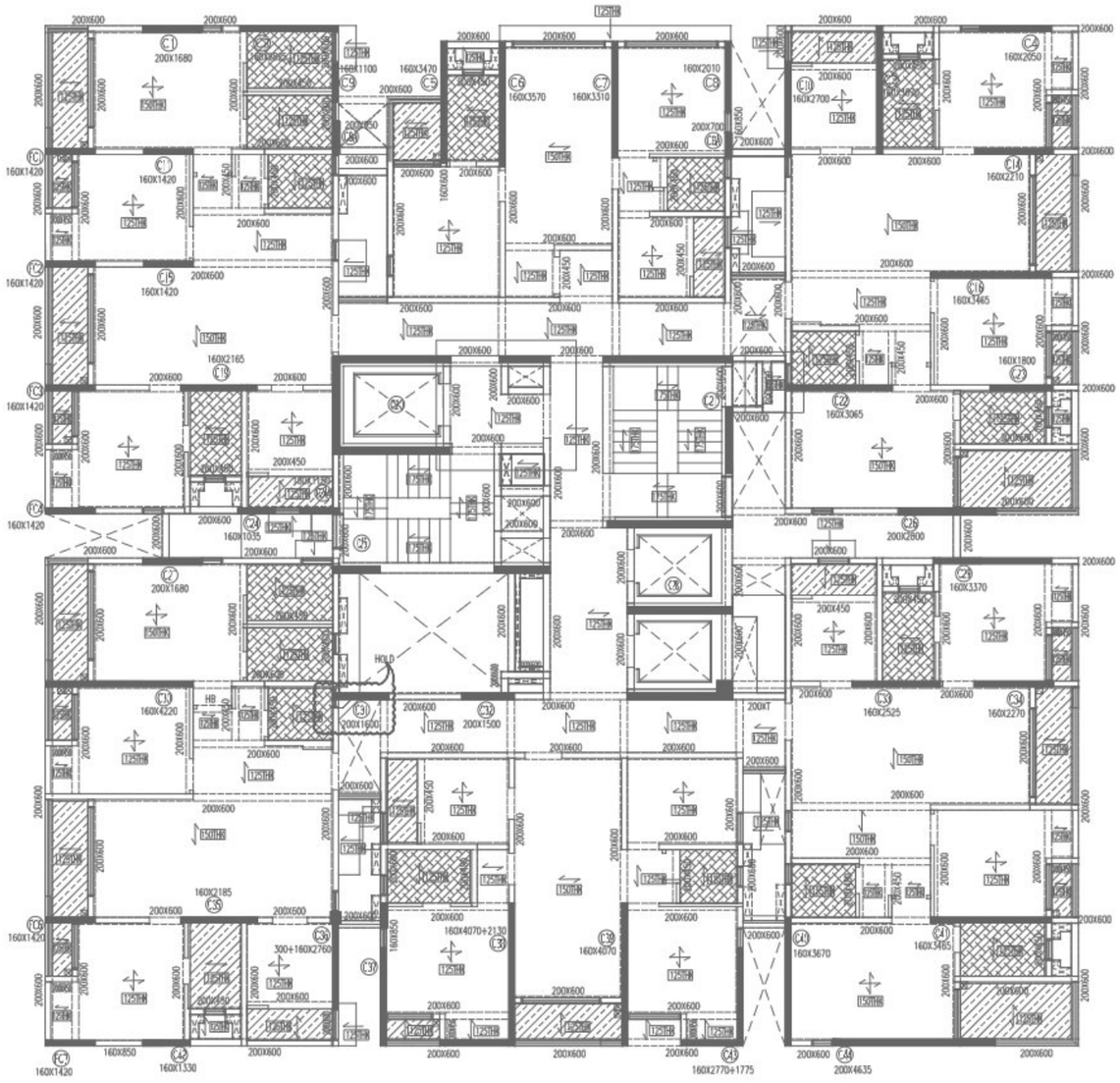
KAPADIA ASSOCIATES
DESIGN LLP.

CLIENT :-

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DRG. NO.	REVISION	DATE
1296/H/03	R0	10/10/2025

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LAYOUT OF TYPICAL FLOOR

TOWER - K & J

NOTES

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BUILDING IS DESIGNED FOR –
USE MIX M:- & Fe:- STEEL FOR BEAM & SLAB.

LEGENDS:-

TOILET SUNK

BALCONY SUNK

X OPENING IN SHEAR WALL FOR WINDOWS
* OPENING IN SHEAR WALL FOR DOORS
# OPENING IN SHEAR WALL FOR VENTILATORS

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
R0	10/10/2025	FOR SUBMISSION	

DRG. TITLE :-

LAYOUT OF TYPICAL FLOOR
TOWER - K & J

PROJECT :- PROPOSED RESIDENTIAL DEVELOPMENT AT PALLAVARAM THORAIPAKKAM ROAD(PTR) CHENNAI ,T.N.

ARCHITECT :-

KAPADIA ASSOCIATES DESIGN LLP.

CLIENT :-

DRAWN BY :-	CHECKED BY :-	SCALE :-
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DRG. NO.	REVISION	DATE
1296/K/03	R0	10/10/2025

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THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

hello@verified.realestate · +91 9996 12 9996

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

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Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.