Verified RealEstate™

RE REGULATORY RECORD

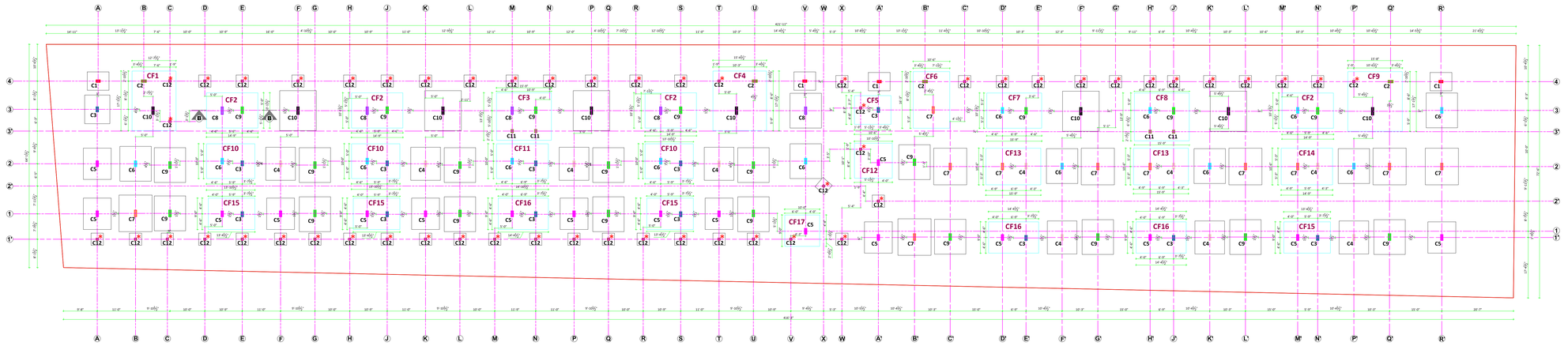
RERA Document

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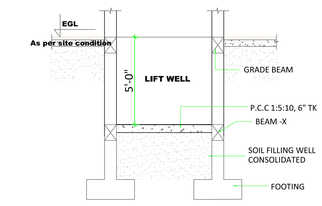
BLOCK - A & B_COLUMN/ FOOTING & CENTER LINE LAYOUT & DETAILS

COLUMN / FOOTING REINFORCEMENT DETAILS:

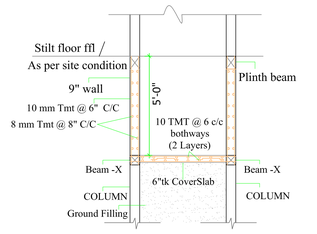
COLUMN TYPE	COLUMN SIZE	GRIDS	COLUMN REINFORCEMENT	FOOTING SIZE (L X B X D) & REINFORCEMENT	MIX	TOTAL NO. OF COLUMNS
C1	9"X15"	A4,V4,A'4,R'4	15" / 9" — 8 - 16mm Ø (-) 8mm TMT @ 8"c/c (1 Tie + 1 Link)	6'3" x 5'3" x 1'6" 10 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	04
C2	9"X18"	B4,U4,B'4,Q'4	18" / 9" — 8 - 16mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	6'9" x 5'9" x 1'6" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	04
C3	9"X18"	A1,A2,A3,E1,E2,J1,J2,N1,N2,S1,S2,A'1',A'3, E'1',J'1',N'1'	18" / 9" — 10 - 20mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	8'3" x 7'3" x 1'9" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	16
C4	9"X21"	B2,F2,K2,P2,T2,B'1',E'2,F'1',J'1, K'1',N'2,P'1'	21" / 9" — 10 - 20mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	9'6" x 8'6" x 2'0" 12 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)	12
C5	9"X21"	B1,D1,F1,H1,K1,M1,P1,R1,T1,V1, A'2,D'1',H'1',M'1',R'1'	21" / 9" — 12 - 20mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	9'0" x 8'0" x 2'0" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	15
C6	9"X21"	D2,H2,M2,R2,V2,B'2,D'3,F'2,H'3, K'2,M'3,P'2,R'3	21" / 9" — 10 - 25mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	10'0" x 9'0" x 2'3" 12 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)	13
C7	9"X24"	B'3,C'2,D'2,G'2,H'2,L'2,M'2, Q'2,R'2	24" / 9" — 12 - 25mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	10'6" x 9'6" x 2'3" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	09
C8	9"X27"	D3,H3,M3,R3,V3	27" / 9" — 12 - 25mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	10'0" x 9'0" x 2'6" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	05
C9	9"X24"	C1,C2,E3,G1,G2,J3,L1,L2,N3, Q1,Q2,S3,U1,U2,C'1',E'3,G'1', J'3,L'1',N'3,Q'1'	24" / 9" — 10 - 25mm Ø (-) 8mm TMT @ 8"c/c (2 Ties)	10'0" x 9'0" x 2'3" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	21
C10	9"X27"	B3,F3,K3,P3,T3,F'3,K'3,P'3	27" / 9" — 14 - 25mm Ø (-) 8mm TMT @ 8"c/c (3 Ties)	11'6" x 10'6" x 2'6" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)	08
C11	9"X12"	M3',N3',H'3',J'3'	12" / 9" — 8 - 12mm Ø (-) 8mmØ TMT @ 7" c/c (1 Tie + 1 Link)	5'3" x 4'3" x 1'6" 10 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)	04
C12	9"X9"	A1',B1',C1',C3,C4,D1',D4,E1',E4,F1',F4,G1',H1', H4,J1',J4,K1',K4,L1',L4,M1',M4,N1',N4,P1', P4,Q1',R1',R4,S1',S4,T1',T4,U1',V1',W2', X1',X2,X3,X4,A'2',C'4,D'4,E'4,F'4,G'4,H'4,J'4, K'4,L'4,M'4,N'4,P'4	9" / 9" — 6 - 12mm Ø (-) 8mm TMT @ 8"c/c (1 Tie)	3'6" x 3'6" x 1'3" 10 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)	53
			TOTAL NO. OF COLUMNS		-	164

COMBINED FOOTING DETAILS:

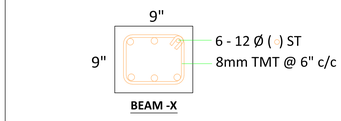
FOOTING TYPE	COLUMN TYPES	GRIDS	FOOTING SIZE (L X B X D) & REINFORCEMENT	MIX	TOTAL NO. OF COLUMNS
CF1	C2,C12,C8	B4,B3,C3,C4	12'7½" x 16'4½" x 2'6" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF2	C6,C8,C9,C10	D2,E3,H3,J3, M3,N3,M3',N3'	15'9" x 13'7½" x 2'6" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	08
CF3	C6,C8,C9	R3,S3,M'3,N'3	14'9" x 10'1½" x 2'6" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF4	C3,C10,C12	T3,T4,U4	15'4½" x 17'1½" x 2'6" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	03
CF5	C3,C12	X3,A'3	10'6" x 8'3" x 1'9" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF6	C2,C7	B'4,B'3	10'6" x 16'3" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF7	C6,C9	D'3,E'3	15'9" x 10'1½" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF8	C6,C9,C11	H'3,J'3,H'3',J'3'	15'9" x 13'9" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF9	C2,C10,C12	P'3,P'4,Q'4	15'8" x 17'1½" x 2'6" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	03
CF10	C3,C6	D2,E2,H2,J2, R2,S2	13'10½" x 10'0" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	06
CF11	C6,C3	M2,N2	14'10½" x 10'0" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF12	C5,C12	X2,A'2	10'10½" x 10'1" x 2'0" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF13	C4,C7	D'2,E'2,H'2,J'2	15'9" x 10'6" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF14	C4,C7	M'2,N'2	14'9" x 10'6" x 2'3" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF15	C3,C5	D1,E1,H1,J1,R1, S1,M'1',J'1'	13'4½" x 9'0" x 2'0" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	08
CF16	C3,C5	M1,N1,D'1',E'1', H'1',J'1'	14'4½" x 9'0" x 2'0" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	06
CF17	C5,C12	V1,V1'	10'0" x 9'0" x 2'0" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02



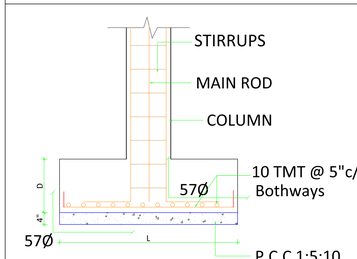
LIFT PIT DETAILS



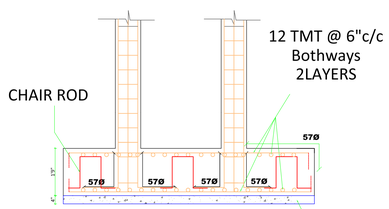
LIFT SECTION DETAILS



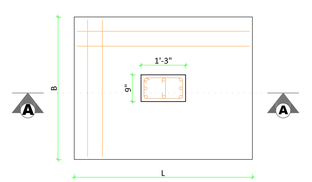
BEAM -X



SECTION A-A



SECTION B-B:



PLAN

TYPICAL FOOTING DETAILS

J. PREM KUMAR
B.E. (CIVIL), M.E. (STRUCTURES)
COIMBATORE LPA/SE/GR-1/016/2024
REGISTERED STRUCTURAL ENGINEER GRADE-1
13A, SM Tower, 1st Floor, Jawahar Nagar,
Raja Annamalai Road, Saibaba Colony, Coimbatore - 641 043.

NOTES:

01. ALL DIMENSIONS ARE IN **"FEET & INCHES"** UNLESS OTHERWISE SPECIFIED.
02. ALL LEVELS ARE IN "**FEET**".
03. ALL LEVELS ARE FROM FINISHED FLOOR LEVEL (FFL).
04. CONCRETE : **M20 (1:1½:3)** GRADE FOR FOOTING, COLUMN
05. STEEL : **Fe 500**
06. CLEAR COVER TO MAIN REINFORCEMENT :
    a) FOR FOOTINGS - **2" (50mm)**
    b) FOR COLUMNS - **1½ " (40mm)**
07. USE **57 Ø** FOR DEVELOPMENT LENGTH AS SHOWN IN FOOTING CROSS SECTION.
08. PROVIDE A LAP LENGTH OF **50 Ø** MINIMUM FOR COLUMN & FOOTING REINFORCEMENTS, WHERE **Ø** IS DIAMETER OF MAIN BARS.
09. SBC ADOPTED FOR THE DESIGN - **250 kN/m²** **@ 4 m** (11'-6") DEPTH FROM NATURAL GROUND LEVEL **.**
10. PLACE THE FOOTING @ 3.5 m (11'-6") DEPTH FROM NATURAL GROUND LEVEL**.**
11. THE STRUCTURE IS DESIGNED FOR MA BASEMENT,**STILT + 5** FLOOR ONLY.
12. DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURE DRAWINGS.
13. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
14. **DO NOT SCALE THIS DRAWING, FOLLOW GIVEN DIMENSIONS ONLY.**

NOTE

✱ **TERMINATE INDICATED COLUMN @ BASEMENT ROOF TOP LEVEL**

N
W E
S

DRAWING TITLE:

BLOCK - A & B COLUMN/ FOOTING & CENTER LINE LAYOUT & DETAILS

PROJECT TITLE :

PROPOSED APARTMENT BUILDING @ COIMBATORE

CLIENT NAME :

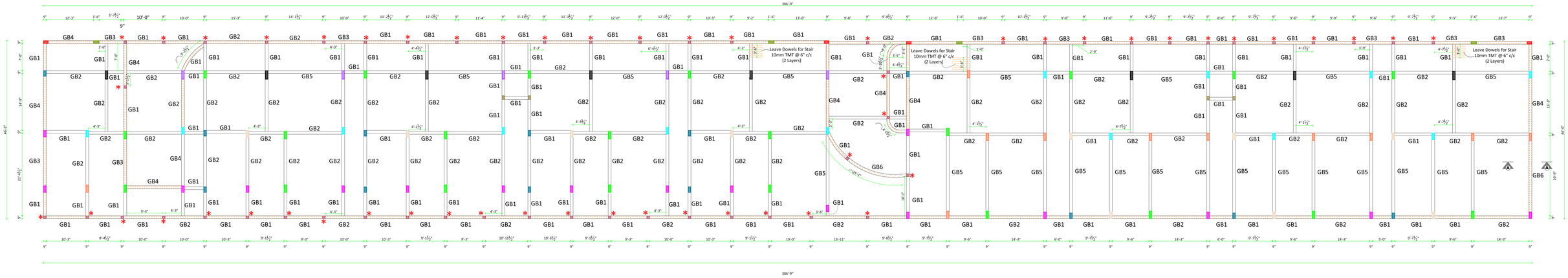
M/S. SAKTHI

DATE	REV NO	DESCRIPTION	REV BY

CONSULTANTS :

INFINUSTECH
13 A, 1ST FLOOR, JAWAHAR NAGAR,
RAJA ANNAMALAI ROAD,
COIMBATORE - 641 011.
Mobile : 98455 33324
Email : infinustech@gmail.com

DATE	DRAWING NO	DRAWN BY	CHECKED BY	SCALE
09.09.25	----------	NANDAGOPAL	BERLIN	NTS



J. PREM KUMAR
B.E. (CIVIL), M.E. (STRUCTURES)
COIMBATORE LPA/SE/GR-1/016/2024
REGISTERED STRUCTURAL ENGINEER GRADE-1
13A, SM Tower, 1st Floor, Jawahar Nagar,
Raja Annamalai Road, Saibaba Colony, Coimbatore - 641 043.

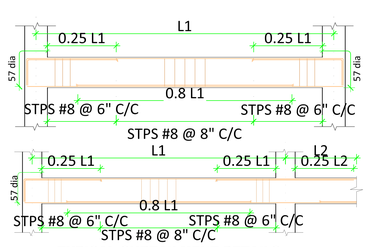
NOTES:

01. ALL DIMENSIONS ARE IN **"FEET & INCHES"** UNLESS OTHERWISE SPECIFIED.
02. ALL LEVELS ARE IN "**FEET**".
03. ALL LEVELS ARE FROM FINISHED FLOOR LEVEL(FFL).
04. CONCRETE : **M20 (1:1½:3)** GRADE FOR BEAM
05. STEEL : **Fe 500**
06. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    a) FOR BEAMS - **1" (25 mm)**.
07. PROVIDE A LAP LENGTH OF **50 Ø** MINIMUM FOR BEAMS REINFORCEMENTS, WHERE Ø IS DIAMETER OF MAIN BARS.
08. USE **57 Ø** FOR DEVELOPMENT LENGTH.
09. LEAVE DOWEL RODS BOTH TOP & BOTTOM FOR STAIRCASE.
10. FOR STAIRCASE DETAILS REFER SEPARATE DRAWINGS.
11. DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT PLAN & ELEVATION DRAWINGS.
12. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
13. **DO NOT SCALE THE DRAWING, FOLLOW THE GIVEN DIMENSIONS ONLY.**

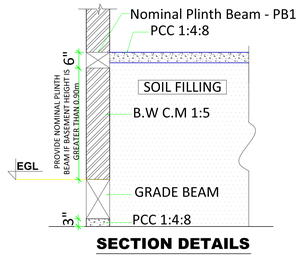
BEAM REINFORCEMENT DETAILS:

BEAM TYPE	END SECTION	MID SECTION
BEAM - GB1	9" × 12": 3 - 12Ø ( ), 8mm TMT @ 6" c/c, 2 - 12 Ø ( )	9" × 12": 2 - 12Ø ( ), 8mm TMT @ 8" c/c, 3 - 12 Ø ( )
BEAM - GB2	9" × 15": 3 - 12Ø ( ), 8mm TMT @ 6" c/c, 2 - 12 Ø ( )	9" × 15": 2 - 12Ø ( ), 8mm TMT @ 8" c/c, 3 - 12 Ø ( )
BEAM - GB3	9" × 15": 2 - 16Ø ( ), 1 - 12Ø ( ), 8mm TMT @ 6" c/c, 2 - 16 Ø ( )	9" × 15": 2 - 16Ø ( ), 8mm TMT @ 8" c/c, 1 - 12Ø ( ), 2 - 16 Ø ( )
BEAM - GB4	9" × 15": 3 - 16Ø ( ), 8mm TMT @ 6" c/c, 2 - 16 Ø ( )	9" × 15": 2 - 16Ø ( ), 8mm TMT @ 8" c/c, 3 - 16 Ø ( )
BEAM - GB5	9" × 18": 3 - 12Ø ( ), 8mm TMT @ 6" c/c, 2 - 12 Ø ( )	9": 2 - 12Ø ( ), 8mm TMT @ 8" c/c, 3 - 12 Ø ( )

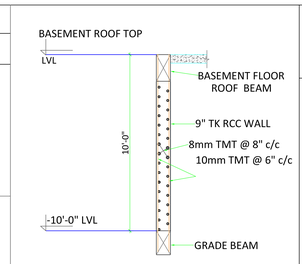
BEAM TYPE	END SECTION	MID SECTION
BEAM - GB6	9" × 18": 3 - 16Ø ( ), 8mm TMT @ 6" c/c, 2 - 16 Ø ( )	9" × 18": 2 - 16Ø ( ), 8mm TMT @ 8" c/c, 3 - 16 Ø ( )



TYPICAL CURTAILMENT DETAILS

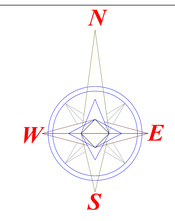


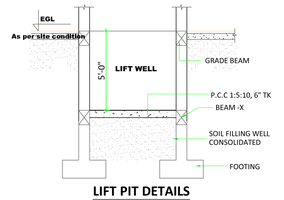
SECTION DETAILS



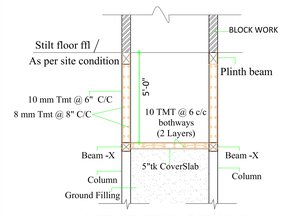
SECTION A-A

NOTE:
* TERMINATE INDICATED COLUMN @ BASEMENT ROOF TOP LEVEL

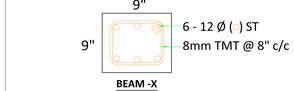


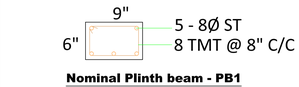


LIFT PIT DETAILS



LIFT SECTION DETAILS





Nominal Plinth beam - PB1

DRAWING TITLE:
BASEMENT FLOOR GRADE
BEAM LAYOUT & DETAILS

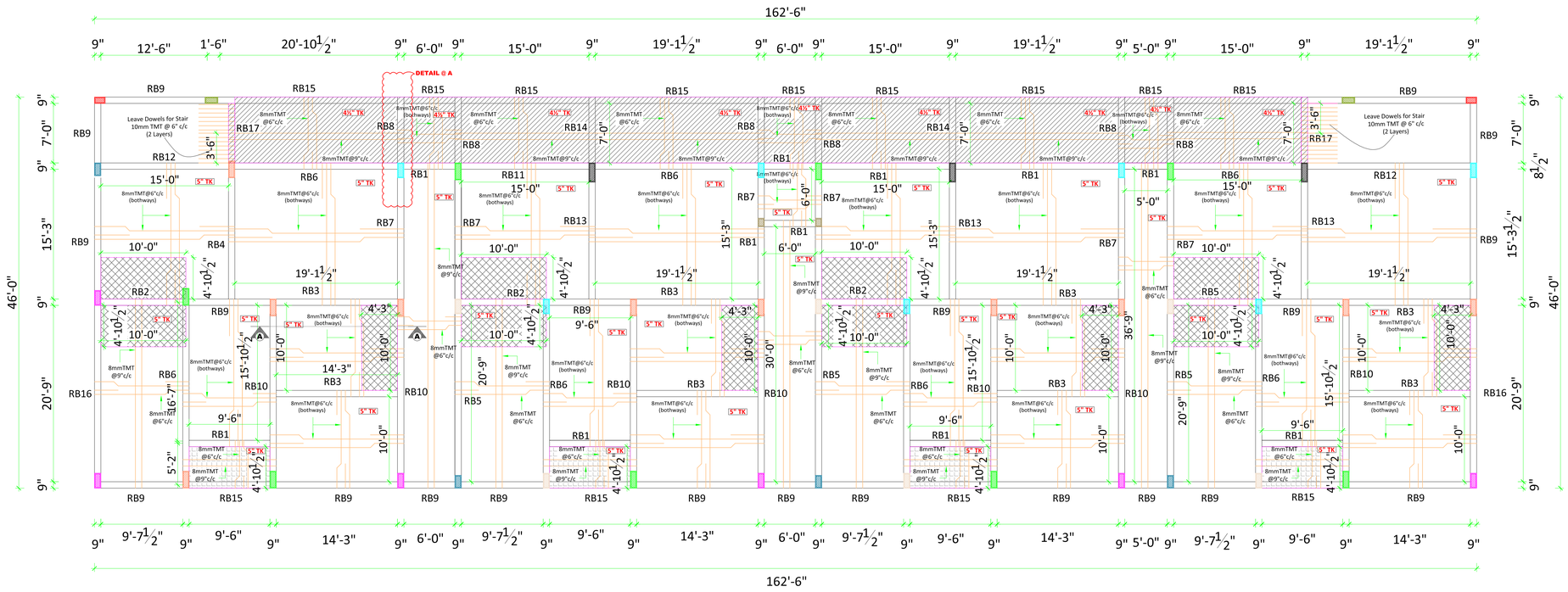
PROJECT TITLE :
PROPOSED APARTMENT BUILDING
@ COIMBATORE

CLIENT NAME :
M/S. SAKTHI

CONSULTANTS :
INFINUSTECH
13 A, 1ST FLOOR, JAWAHAR NAGAR,
RAJA ANNAMALAI ROAD,
COIMBATORE - 641 011.
Mobile : 98455 33324
Email : infinustech@gmail.com

DATE	DRAWING NO	DRAWN BY	CHECKED BY	SCALE
17.03.24	----------	RAJESH T	KOKILA S	NTS

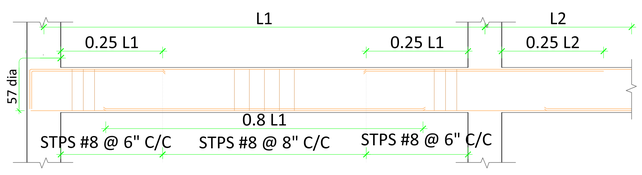
A1 - Sheet



BLOCK A

BEAM REINFORCEMENT DETAILS:

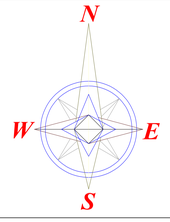
BEAM TYPE	END SECTION	MID SECTION
BEAM - RB1	9" × 12" — 3 - 12 Ø (-) / 8mmTMT@6"c/c / 2 - 12 Ø (-)	9" × 12" — 2 - 12 Ø (-) / 8mmTMT@8"c/c / 3 - 12Ø (-)
BEAM - RB2	9" × 15" — 3 - 12 Ø (-) / 8mmTMT@6"c/c / 2 - 12 Ø (-)	9" × 15" — 2 - 12 Ø (-) / 8mmTMT@8"c/c / 3 - 12 Ø (-)
BEAM - RB3	9" × 15" — 3 - 16 Ø (-) / 8mmTMT@6"c/c / 2 - 16 Ø (-)	9" × 15" — 2 - 16 Ø (-) / 8mmTMT@8"c/c / 3- 16 Ø (-)
BEAM - RB4	9" × 21" — 4 - 16 Ø (-) / 8mmTMT@6"c/c / 2 - 16 Ø (-)	9" × 21" — 2 - 16 Ø (-) / 8mmTMT@8"c/c / 4 - 16 Ø (-)
BEAM - RB5	9" × 18" — 4 - 16 Ø (-) / 8mmTMT@6"c/c / 2 - 16 Ø (-)	9" × 18" — 2 - 16 Ø (-) / 8mmTMT@8"c/c / 3 - 16 Ø (-)
BEAM - RB6	9" × 18" — 5 - 16 Ø (-) / 8mmTMT@6"c/c / 3 - 16 Ø (-)	9" × 18" — 3 - 16 Ø (-) / 8mmTMT@8"c/c / 3 - 16 Ø (-)
BEAM - RB7	9" × 21" — 5 - 16 Ø (-) / 8mmTMT@6"c/c / 3 - 16 Ø (-)	9" × 21" — 3 - 16 Ø (-) / 8mmTMT@8"c/c / 3 - 16 Ø (-)
BEAM - RB8	9" × 21" — 5 - 16 Ø (-) / 8mmTMT@6"c/c / 3 - 16 Ø (-)	CANTILIVER
BEAM - RB9	9" × 24" — 3 - 12 Ø (-) / 8mmTMT@6"c/c / 2 - 12 Ø (-)	9" × 24" — 2 - 12 Ø (-) / 8mmTMT@8"c/c / 3 - 12 Ø (-)
BEAM - RB10	9" × 18" — 5 - 20 Ø (-) / 8mmTMT@6"c/c / 3 - 20 Ø (-)	9" × 18" — 3 - 20 Ø (-) / 8mmTMT@8"c/c / 4 - 20 Ø (-)
BEAM - RB11	9" × 15" — 6 - 16 Ø (-) / 8mmTMT@6"c/c / 3 - 16 Ø (-)	9" × 15" — 3 - 16 Ø (-) / 8mmTMT@8"c/c / 3- 16 Ø (-)
BEAM - RB12	9" × 15" — 5 - 16 Ø (-) / 8mmTMT@6"c/c / 3 - 16 Ø (-)	9" × 15" — 3 - 16 Ø (-) / 8mmTMT@8"c/c / 3- 16 Ø (-)
BEAM - RB13	9" × 24" — 6 - 20 Ø (-) / 8mmTMT@6"c/c / 3 - 20 Ø (-)	9" × 24" — 3 - 20 Ø (-) / 8mmTMT@8"c/c / 6 - 20 Ø (-)
BEAM - RB14	9" × 21" — 4 - 25 Ø (-) / 8mmTMT@6"c/c / 2 - 25 Ø (-)	CANTILIVER
BEAM - RB15	9" × 21" — 3 - 12 Ø (-) / 8mmTMT@6"c/c / 2 - 12 Ø (-)	9" × 21" — 2 - 12 Ø (-) / 8mmTMT@8"c/c / 3 - 12 Ø (-)
BEAM - RB16	9" × 24" — 3 - 16 Ø (-) / 8mmTMT@6"c/c / 2 - 16 Ø (-)	9" × 24" — 2 - 16 Ø (-) / 8mmTMT@8"c/c / 3 - 16 Ø (-)
BEAM - RB17	9" × 21" — 4 - 16 Ø (-) / 8mmTMT@6"c/c / 2 - 16 Ø (-)	CANTILIVER

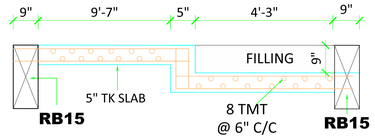


TYPICAL CURTAILMENT DETAILS

LEGEND:

- CORRIDOR SUNK BY 3"
- BALCONY SUNK BY 6"
- SLAB SUNK BY 9"

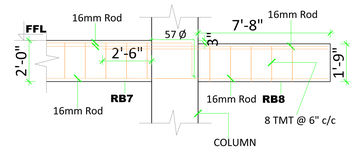




SECTION A-A:

NOTES:

01. ALL DIMENSIONS ARE IN **"FEET & INCHES"** UNLESS OTHERWISE SPECIFIED.
02. ALL LEVELS ARE IN "**FEET**".
03. ALL LEVELS ARE FROM FINISHED FLOOR LEVEL(FFL).
04. CONCRETE : **M20 (1:1½:3)** GRADE FOR BEAM
05. STEEL : **Fe 500**
06. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    a) FOR BEAMS - **1" (25 mm)**
    b) FOR SLABS - **¾" (20 mm)**
07. PROVIDE A LAP LENGTH OF **50 Ø** MINIMUM FOR BEAMS REINFORCEMENTS, WHERE **Ø** IS DIAMETER OF MAIN BARS.
08. USE **57 Ø** FOR DEVELOPMENT LENGTH.
09. LEAVE DOWEL RODS BOTH TOP & BOTTOM FOR STAIRCASE.
10. FOR STAIRCASE DETAILS REFER SEPARATE DRAWINGS.
11. DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT PLAN & ELEVATION DRAWINGS.
12. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
13. **DO NOT SCALE THE DRAWING, FOLLOW THE GIVEN DIMENSIONS ONLY.**



DETAIL @ A

DRAWING TITLE:

BLOCK -A ROOF BEAM DETAILS

PROJECT TITLE :

PROPOSED APARTMENT BUILDING @ COIMBATORE

CLIENT NAME :

M/S. SAKTHI

DATE	REV NO	DESCRIPTION	REV BY

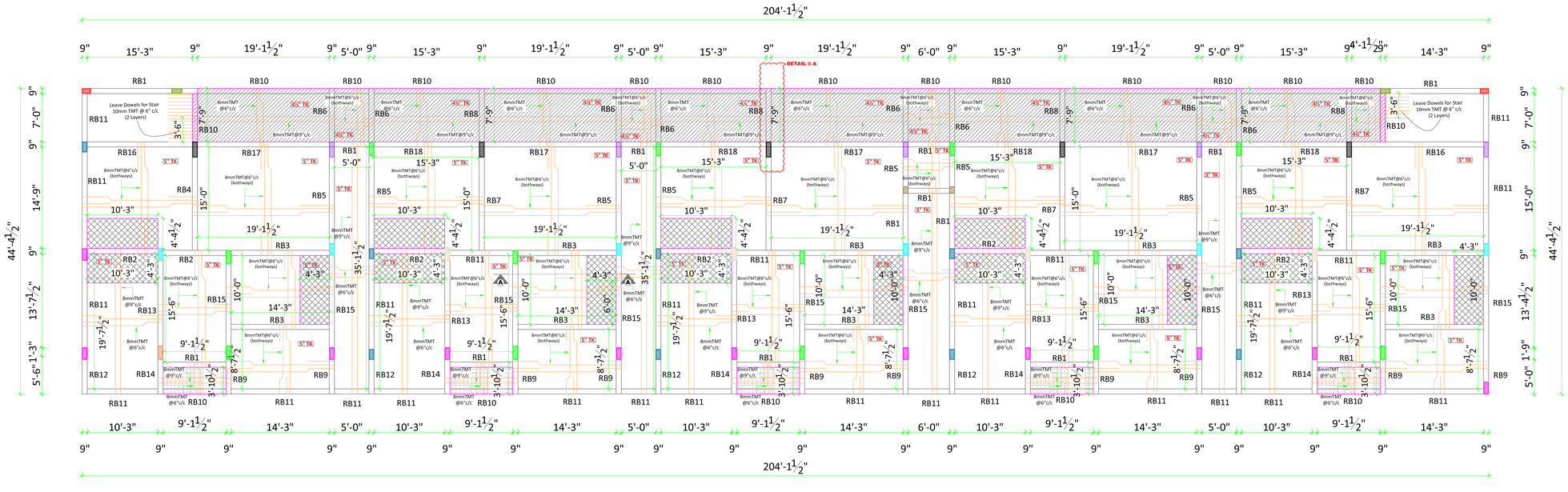
CONSULTANTS :

INFINUSTECH
ENGINEERING * ARCHITECTURE
13 A, 1ST FLOOR, JAWAHAR NAGAR,
RAJA ANNAMALAI ROAD,
COIMBATORE - 641 011.
Mobile : 98455 33324
Email : infinustech@gmail.com

J. PREM KUMAR
B.E. (CIVIL), M.E. (STRUCTURES)
COIMBATORE LPA/SE/GR-1/016/2024
REGISTERED STRUCTURAL ENGINEER GRADE-1
13A, SM Tower, 1st Floor, Jawahar Nagar,
Raja Annamalai Road, Saibaba Colony, Coimbatore - 641 043.

DATE	DWG NO	DRAWN BY	CHECKED BY	SCALE
19.02.25	----------	BALAJI B	KOKILA S	NTS

A3 - Sheet



BLOCK B

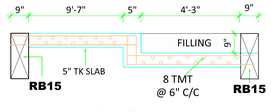
J. PREM KUMAR
B.E. (CIVIL), M.E. (STRUCTURES)
COIMBATORE LPA/SE/GR-1/016/2024
REGISTERED STRUCTURAL ENGINEER GRADE-1
13A, SM Tower, 1st Floor, Jawahar Nagar,
Raja Annamalai Road, Seibaba Colony, Coimbatore - 641 043.

BEAM REINFORCEMENT DETAILS:

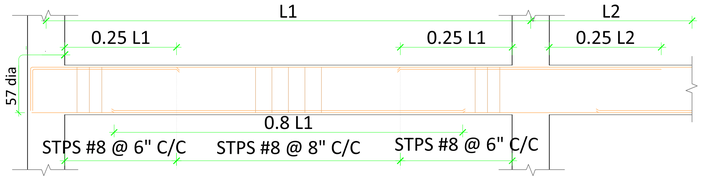
BEAM TYPE	END SECTION	MID SECTION
BEAM - RB1	9" × 12": 3 - 12 Ø (-) top; 8mmTMT@6"c/c; 2 - 12 Ø (-) bottom	9" × 12": 2 - 12 Ø (-) top; 8mmTMT@8"c/c; 3 - 12Ø (-) bottom
BEAM - RB2	9" × 15": 3 - 12 Ø (-) top; 8mmTMT@6"c/c; 2 - 12 Ø (-) bottom	9" × 15": 2 - 12 Ø (-) top; 8mmTMT@8"c/c; 3 - 12 Ø (-) bottom
BEAM - RB3	9" × 15": 3 - 16 Ø (-) top; 8mmTMT@6"c/c; 2 - 16 Ø (-) bottom	9" × 15": 2 - 16 Ø (-) top; 8mmTMT@8"c/c; 3- 16 Ø (-) bottom
BEAM - RB4	9" × 15": 4 - 16 Ø (-) top; 8mmTMT@6"c/c; 2 - 16 Ø (-) bottom	9" × 15": 2 - 16 Ø (-) top; 8mmTMT@8"c/c; 4- 16 Ø (-) bottom
BEAM - RB5	9" × 24": 5 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	9" × 21": 3 - 16 Ø (-) top; 8mmTMT@8"c/c; 3 - 16 Ø (-) bottom
BEAM - RB6	9" × 21": 5 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	CANTILIVER
BEAM - RB7	9" × 24": 6 - 20 Ø (-) top; 8mmTMT@6"c/c; 3 - 20 Ø (-) bottom	9" × 24": 3 - 20 Ø (-) top; 8mmTMT@8"c/c; 6 - 20 Ø (-) bottom

BEAM TYPE	END SECTION	MID SECTION
BEAM - RB8	9" × 24": 6 - 20 Ø (-) top; 8mmTMT@6"c/c; 3 - 20 Ø (-) bottom	CANTILIVER
BEAM - RB9	9" × 24": 5 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	CANTILIVER
BEAM - RB10	9" × 21": 3 - 12 Ø (-) top; 8mmTMT@6"c/c; 2 - 12 Ø (-) bottom	9" × 21": 2 - 12 Ø (-) top; 8mmTMT@8"c/c; 3 - 12 Ø (-) bottom
BEAM - RB11	9" × 24": 3 - 12 Ø (-) top; 8mmTMT@6"c/c; 2 - 12 Ø (-) bottom	9" × 24": 2 - 12 Ø (-) top; 8mmTMT@8"c/c; 3 - 12 Ø (-) bottom
BEAM - RB12	9" × 24": 3 - 12 Ø (-) top; 8mmTMT@6"c/c; 2 - 12 Ø (-) bottom	CANTILIVER
BEAM - RB13	9" × 24": 3 - 16 Ø (-) top; 8mmTMT@6"c/c; 2 - 16 Ø (-) bottom	9" × 24": 2 - 16 Ø (-) top; 8mmTMT@8"c/c; 3 - 16 Ø (-) bottom

BEAM TYPE	END SECTION	MID SECTION
BEAM - RB14	9" × 24": 3 - 16 Ø (-) top; 8mmTMT@6"c/c; 2 - 16 Ø (-) bottom	CANTILIVER
BEAM - RB15	9" × 24": 5 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	9" × 24": 3 - 16 Ø (-) top; 8mmTMT@8"c/c; 3 - 16 Ø (-) bottom
BEAM - RB16	9" × 15": 5 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	9" × 15": 3 - 16 Ø (-) top; 8mmTMT@8"c/c; 3- 16 Ø (-) bottom
BEAM - RB17	9" × 18": 5 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	9" × 18": 3 - 16 Ø (-) top; 8mmTMT@8"c/c; 3- 16 Ø (-) bottom
BEAM - RB18	9" × 15": 6 - 16 Ø (-) top; 8mmTMT@6"c/c; 3 - 16 Ø (-) bottom	9" × 15": 3 - 16 Ø (-) top; 8mmTMT@8"c/c; 3- 16 Ø (-) bottom



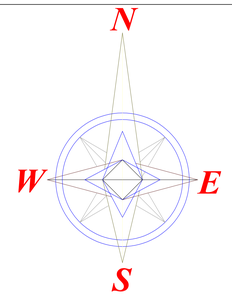
SECTION A-A:



TYPICAL CURTAILMENT DETAILS

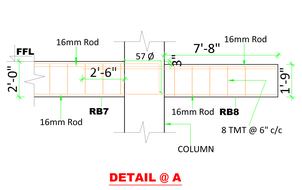
LEGEND:

- CORRIDOR SUNK BY 3"
- BALCONY SUNK BY 6"
- SLAB SUNK BY 9"



NOTES:

01. ALL DIMENSIONS ARE IN **"FEET & INCHES"** UNLESS OTHERWISE SPECIFIED.
02. ALL LEVELS ARE IN **"FEET"**.
03. ALL LEVELS ARE FROM FINISHED FLOOR LEVEL(FFL).
04. CONCRETE : **M20 (1:1½:3)** GRADE FOR BEAM
05. STEEL : **Fe 500**
06. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    a) FOR BEAMS - **1" (25 mm)**
    b) FOR SLABS - **¾" (20 mm)**
07. PROVIDE A LAP LENGTH OF **50 Ø** MINIMUM FOR BEAMS REINFORCEMENTS, WHERE **Ø** IS DIAMETER OF MAIN BARS.
08. USE **57 Ø** FOR DEVELOPMENT LENGTH.
09. LEAVE DOWEL RODS BOTH TOP & BOTTOM FOR STAIRCASE.
10. FOR STAIRCASE DETAILS REFER SEPARATE DRAWINGS.
11. DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT PLAN & ELEVATION DRAWINGS.
12. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
13. **DO NOT SCALE THE DRAWING, FOLLOW THE GIVEN DIMENSIONS ONLY.**



DETAIL @ A

DRAWING TITLE:

BLOCK -B ROOF BEAM DETAILS

PROJECT TITLE :

PROPOSED APARTMENT BUILDING @ COIMBATORE

CLIENT NAME :

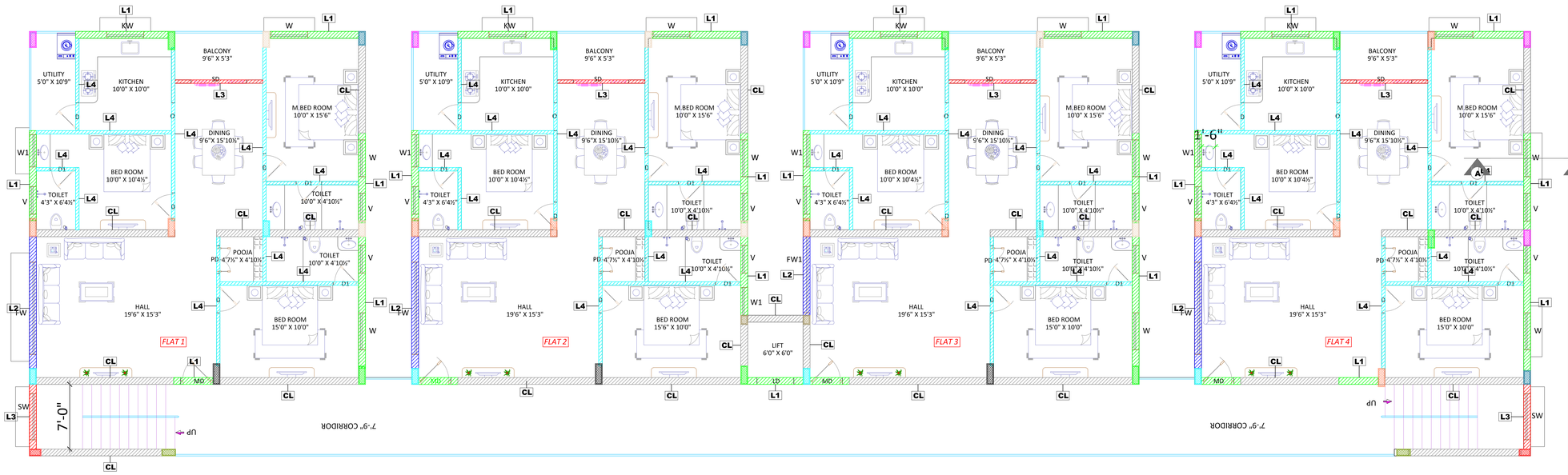
M/S. SAKTHI

DATE	REV NO	DESCRIPTION	REV BY

CONSULTANTS :

INFINUSTECH
ENGINEERING * ARCHITECTURE
13 A, 1ST FLOOR, JAWAHAR NAGAR,
RAJA ANNAMALAI ROAD,
COIMBATORE - 641 011.
Mobile : 98455 33324
Email : infinustech@gmail.com

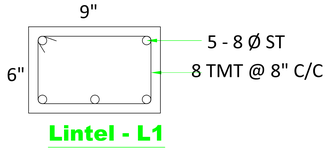
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19.02.25	----------	BALAJI B	KOKILA S	NTS



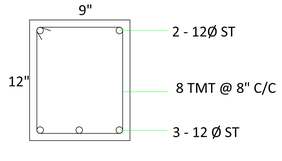
BLOCK A

NOTE: FOR REFRENCE ONLY

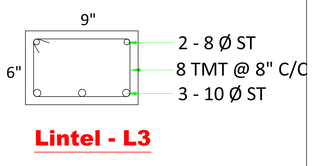
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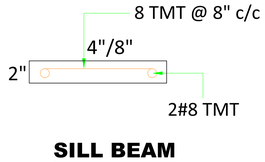
Lintel - L1



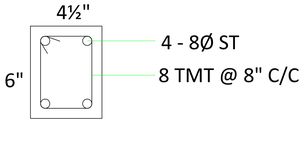
Lintel - L2



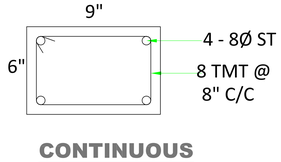
Lintel - L3



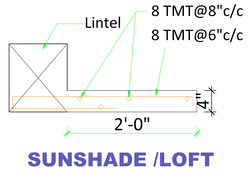
SILL BEAM



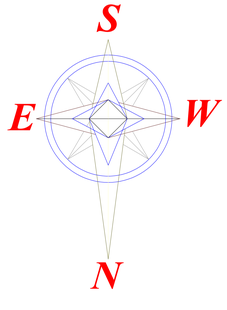
Lintel - L4

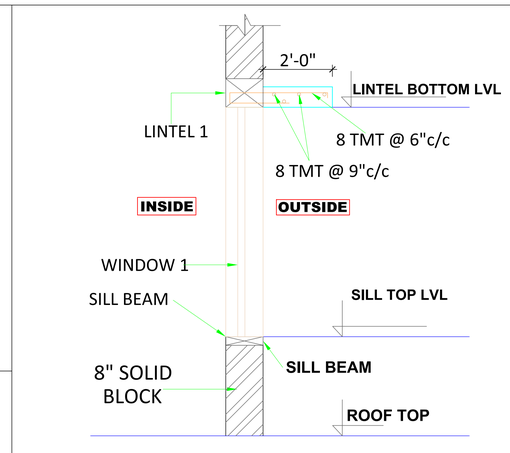


CONTINUOUS LINTEL - CL



SUNSHADE /LOFT





SECTION A-A

NOTES:

01. ALL DIMENSIONS ARE IN **"FEET & INCHES"** UNLESS OTHERWISE SPECIFIED.
02. ALL LEVELS ARE IN **"FEET"**.
03. ALL LEVELS ARE FROM FINISHED FLOOR LEVEL (FFL).
04. CONCRETE : **M20 (1:1½:3)** GRADE FOR LINTEL, SUNSHADE
05. STEEL : **Fe 500 TMT BARS**
06. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    a) FOR LINTEL - **1" (25 mm)**
    b) FOR SUNSHADE / LOFTS - **½" (15 mm)**
07. PROVIDE LOFTS AND SUNSHADE WHEREVER REQUIRED.
08. PROVIDE **9" (230mm)** BEARING FOR SUNSHADE.
09. PROVIDE A LAP LENGTH OF **50 Ø** MINIMUM FOR BEAMS & SLAB REINFORCEMENTS, WHERE **Ø** IS DIAMETER OF MAIN BARS.
10. DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT PLAN, ELEVATION&WORKING DRAWINGS.
11. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
12. **DO NOT SCALE THE DRAWING, FOLLOW THE GIVEN DIMENSIONS ONLY.**

DRAWING TITLE:

BLOCK -A TYPICAL FLOOR LINTEL DETAILS

PROJECT TITLE :

PROPOSED APARTMENT BUILDING @ COIMBATORE

CLIENT NAME :

M/S. SAKTHI

DATE	REV NO	DESCRIPTION	REV BY

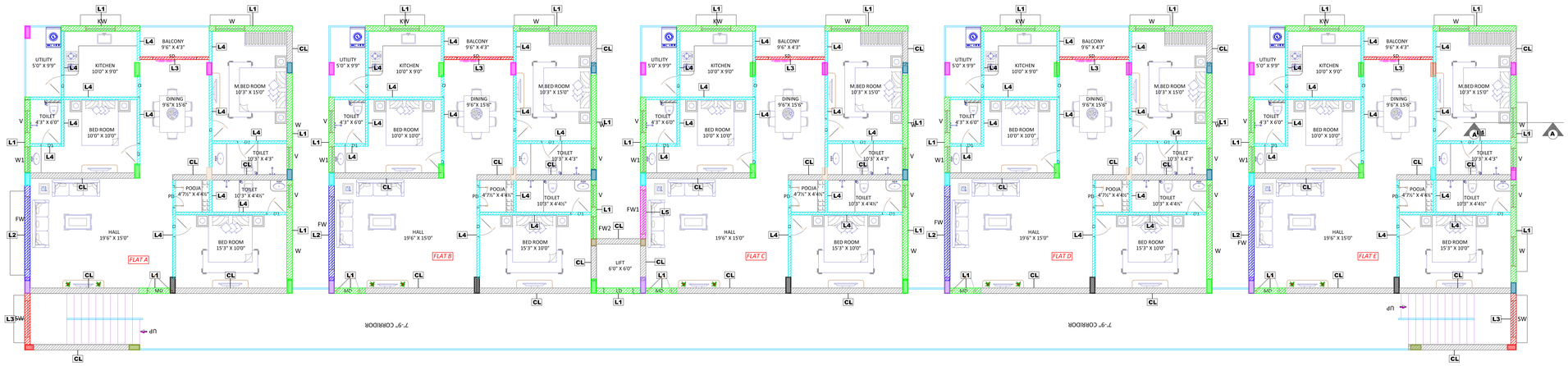
CONSULTANTS :

J. PREM KUMAR
B.E. (CIVIL), M.E, (STRUCTURES)
COIMBATORE LPA/SE/GR-1/016/2024
REGISTERED STRUCTURAL ENGINEER GRADE-1
13A, SM Tower, 1st Floor, Jawahar Nagar,
Raja Annamalai Road, Saibaba Colony, Coimbatore - 641 043.

INFINUSTECH
ENGINEERING * ARCHITECTURE
13 A, 1ST FLOOR, JAWAHAR NAGAR,
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COIMBATORE - 641 011.
Mobile : 98455 33324
Email : infinustech@gmail.com

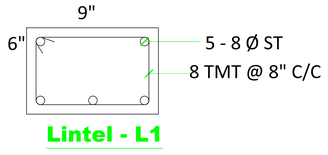
DATE	DWG NO	DRAWN BY	CHECKED BY	SCALE
11.02.25	---------	RAJESH T	KOKILA S	NTS

A3 - Sheet

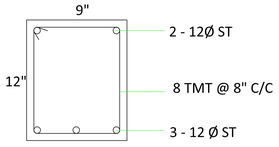


BLOCK B

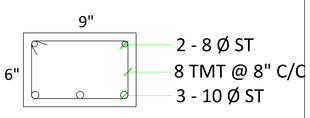
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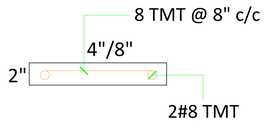
Lintel - L1



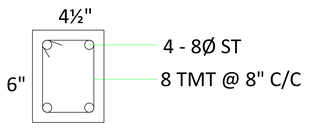
Lintel - L2



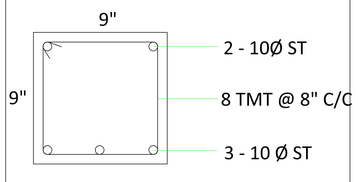
Lintel - L3



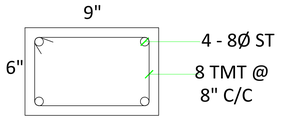
SILL BEAM



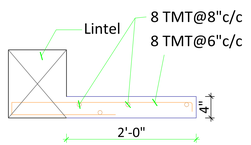
Lintel - L4



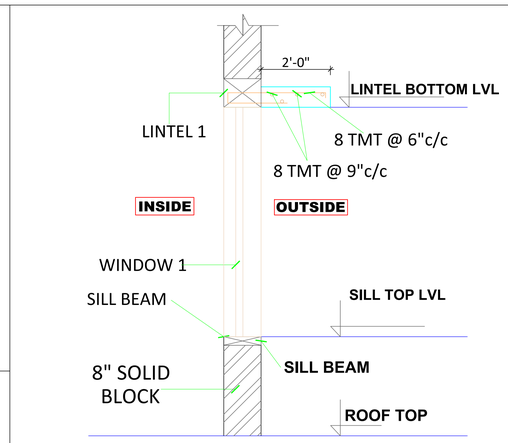
Lintel - L5



CONTINUOUS LINTEL - CL



SUNSHADE/LOFT



SECTION A-A

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DRAWING TITLE:

BLOCK -B TYPICAL FLOOR LINTEL DETAILS

PROJECT TITLE :

PROPOSED APARTMENT BUILDING @ COIMBATORE

CLIENT NAME :

M/S. SAKTHI

DATE	REV NO	DESCRIPTION	REV BY

CONSULTANTS :

INFINUSTECH
ENGINEERING * ARCHITECTURE
13 A, 1ST FLOOR, JAWAHAR NAGAR,
RAJA ANNAMALAI ROAD,
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DATE	DWG NO	DRAWN BY	CHECKED BY	SCALE
10.02.25	---------	RAJESH T	KOKILA S	NTS

A3 - Sheet

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

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.