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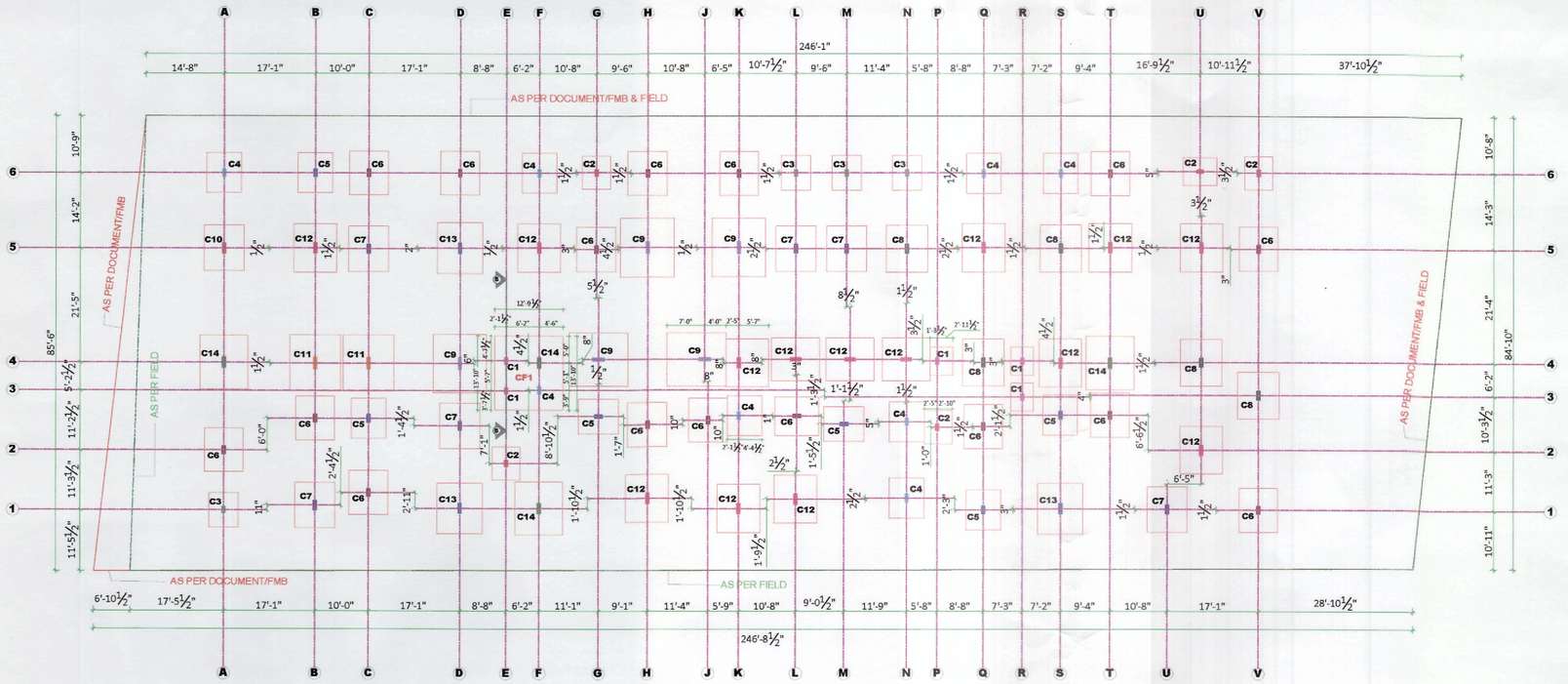
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

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+91 9996 12 9996
www.verified.realestate

Official Property Record



Digitally Verified Record - Powered by Verified RealEstate™



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 AND **M25 (1:1:2)** GRADE FOR 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 - **260 kN/m²** AT A DEPTH OF 3 m FROM EXISTING GROUND LEVEL
10. THE STRUCTURE IS DESIGNED FOR **STILT+5** FLOOR ONLY.
11. DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURE DRAWINGS.
12. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
13. **DO NOT SCALE THIS DRAWING, FOLLOW GIVEN DIMENSIONS ONLY.**

INFINUSTECH ★ ENGINEERING & ARCHITECTURE ★ Coimbatore 641 011

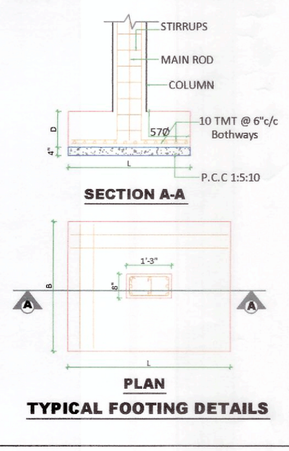
W S N E

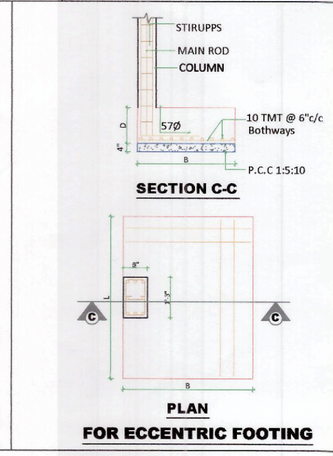
COLUMN / FOOTING REINFORCEMENT DETAILS:

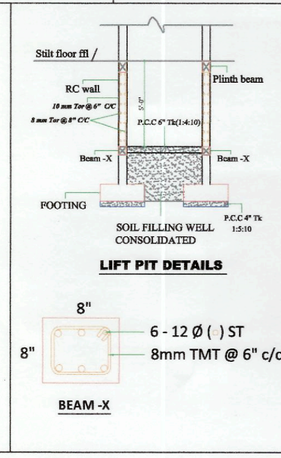
COLUMN TYPE	COLUMN SIZE	GRIDS	COLUMN REINFORCEMENT	FOOTING SIZE (L X B X D) & REINFORCEMENT	MIX	Total No. of Columns
C1	8"X15"	E3,E4,P4,R3,R4	8 - 12 Ø( ) 8mm TMT @ 8"c/c [2 TIES]	5'3" x 4'3" x 1'3" 10mmØ TMT @ 6"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	05
C2	8"X15"	E2,G6,P2,U6,V6	4 - 16 Ø( ) 4 - 12 Ø( ) 8mm TMT @ 8"c/c [2 TIES]	6'3" x 5'3" x 1'6" 10mmØ TMT @ 5"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	05
C3	8"X15"	A1,L6,M6,N6	10 - 16Ø( ) 8mm TMT @ 8"c/c [2 TIES + 1 LINK]	6'6" x 5'6" x 1'6" 10mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	04
C4	8"X18"	A6,F3,F6,K2, N1,N2,Q6,S6	10 - 16 Ø( ) 8mm TMT @ 8"c/c [2 TIES+1 LINK]	7'6" x 6'6" x 1'9" 12mmØ TMT @ 6"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	08
C5	8"X18"	B6,C2,G2, M2,Q1,S2	12 - 16 Ø( ) 8mm TMT @ 8"c/c [3 TIES]	7'6" x 6'6" x 1'9" 12mmØ TMT @ 6"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	06
C6	8"X18"	A2,B2,C1,C6,D6, G5,H2,H6,J2,K6, L2,Q2,T2,T6,V1, V5	10 - 20 Ø( ) 8mm TMT @ 8"c/c [2 TIES+1 LINK]	8'3" x 7'3" x 2'0" 12mmØ TMT @ 5"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	16
C7	8"X21"	B1,C5,D2, L5,M5,U1	10 - 20Ø( ) 8mm TMT @ 8"c/c [2 TIES + 1 LINK]	8'6" x 7'6" x 2'0" 12mmØ TMT @ 5"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	06
C8	8"X21"	N5,Q4,S5,U4,V3	12 - 20Ø( ) 8mm TMT @ 8"c/c [3 TIES]	8'9" x 7'9" x 2'0" 12mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	05
C9	8"X27"	D4,G4,H5, J4,K5	14 - 25 Ø( ) 8mm TMT @ 8"c/c [3 TIES+1 LINK]	11'0" x 10'0" x 2'6" 12mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	05
C10	8"X24"	A5	10 - 20Ø( ) 8mm TMT @ 8"c/c [2 TIES + 1 LINK]	8'6" x 7'6" x 2'0" 12mmØ TMT @ 5"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	01
C11	8"X27"	B4,C4	12 - 25 Ø( ) 8mm TMT @ 8"c/c [3 TIES]	10'6" x 9'6" x 2'3" 12mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	02
C12	8"X24"	B5,F5,H1,K1,K4, L1,L4,M4,N4,Q5, S4,T5,U2,U5	12 - 20Ø( ) 8mm TMT @ 8"c/c [3 TIES]	9'0" x 8'0" x 2'0" 12mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	14
C13	8"X24"	D1,D5,S1	10 - 25Ø( ) 8mm TMT @ 8"c/c [2 TIES + 1 LINK]	9'6" x 8'6" x 2'3" 12mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	03
C14	8"X24"	A4,F1,F4,T4	12 - 25Ø( ) 8mm TMT @ 8"c/c [3 TIES]	10'0" x 9'0" x 2'3" 12mmØ TMT @ 4"c/c (Both ways)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	04

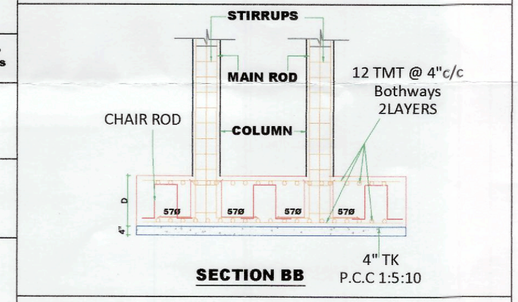
TOTAL NO. OF COLUMNS - 84

FOOTING TYPE	COLUMN TYPE	GRIDS	FOOTING SIZE (L X B X D) & REINFORCEMENT	MIX	TOTAL NO. OF COLUMNS
CF1	C1,C4,C14	E3,E4,F3,F4	12'9½" x 13'10" x 2'3" 12 mmØ TMT @ 4"c/c Both ways (2 layers)	FOR FOOTING M20(1:1½:3) FOR COLUMN M25(1:1:2)	04









DRAWING TITLE:

COLUMN,CENTER LINE & FOOTING LAYOUT & DETAILS

PROJECT TITLE :

PROPOSED RESIDENTIAL APARTMENT BUILDING "CHERRY BLOSSOM" @ COIMBATORE.

CLIENT NAME :

MARUTHAM DEVELOPERS, COIMBATORE.

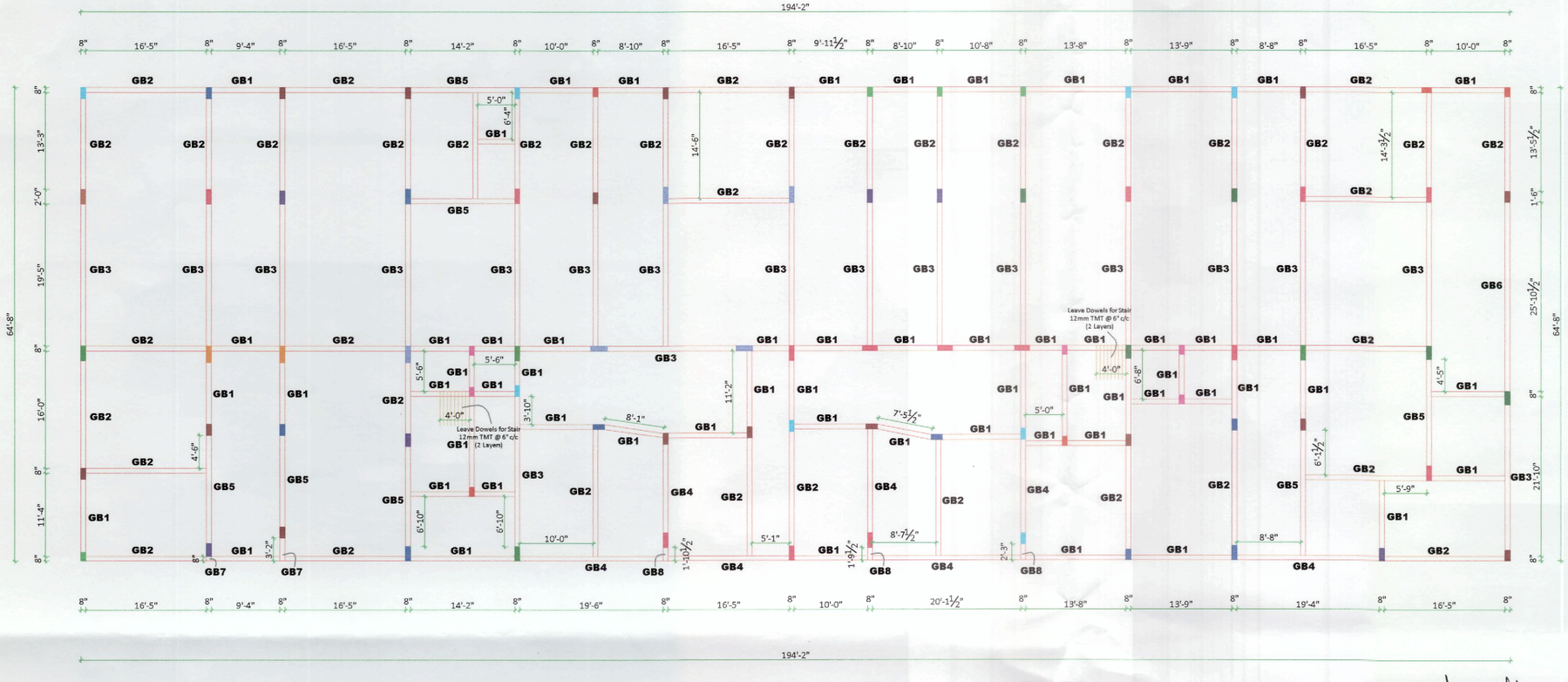
DATE	REV NO	DESCRIPTION	REV BY

CONSULTANTS :

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

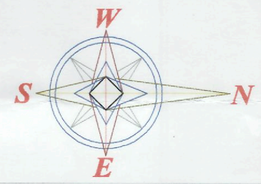
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04.11.24	------	KARTHICK K	NANDHINI	NTS

A2 - Sheet



NOTES:

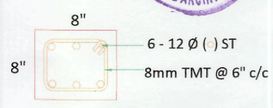
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03. ALL LEVELS ARE FROM FINISHED FLOOR LEVEL(FFL).
04. CONCRETE : M20 (1:1½:3) GRADE FOR BEAM
05. STEEL : Fe 500
06. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    a) FOR BEAMS - 1" (25 mm)
07. PROVIDE A LAP LENGTH OF 50 Ø MINIMUM FOR BEAMS 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.**



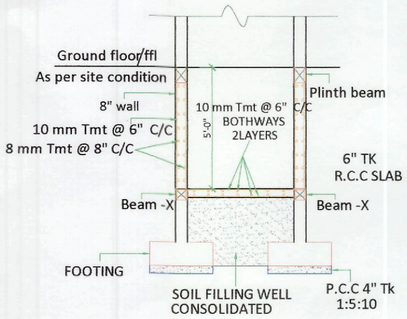
BEAM REINFORCEMENT DETAILS:

BEAM TYPE	END SECTION	MID SECTION
BEAM-GB1	8" × 12": 3 - 12Ø ( ) top; 8mm TMT @ 6" c/c; 2 - 12 Ø ( ) bottom	8" × 12": 2 - 12Ø ( ) top; 8mm TMT @ 8" c/c; 3 - 12 Ø ( ) bottom
BEAM-GB2	8" × 15": 3 - 12Ø ( ) top; 8mm TMT @ 6" c/c; 2 - 12 Ø ( ) bottom	8" × 15": 2 - 12Ø ( ) top; 8mm TMT @ 8" c/c; 3 - 12 Ø ( ) bottom
BEAM-GB3	8" × 21": 3 - 12Ø ( ) top; 8mm TMT @ 6" c/c; 2 - 12 Ø ( ) bottom	8" × 21": 2 - 12Ø ( ) top; 8mm TMT @ 8" c/c; 3 - 12 Ø ( ) bottom
BEAM-GB4	8" × 18": 2 - 16Ø ( ) top; 1 - 12 Ø (•); 8mm TMT @ 6" c/c; 2 - 16 Ø ( ) bottom	8" × 18": 2 - 16Ø ( ) top; 8mm TMT @ 8" c/c; 1 - 12 Ø (•); 2 - 16 Ø ( ) bottom

BEAM TYPE	END SECTION	MID SECTION
BEAM-GB5	8" × 15": 1 - 12Ø (•); 2 - 16Ø ( ) top; 8mm TMT @ 6" c/c; 2 - 16 Ø ( ) bottom	8" × 15": 2 - 16Ø ( ) top; 8mm TMT @ 8" c/c; 2 - 16 Ø ( ); 1 - 12 Ø (•) bottom
BEAM-GB6	8" × 24": 3 - 12Ø ( ) top; 8mm TMT @ 6" c/c; 2 - 12 Ø ( ) bottom	8" × 24": 2 - 12Ø ( ) top; 8mm TMT @ 8" c/c; 3 - 12 Ø ( ) bottom
BEAM-GB7	8" × 15": 1 - 12Ø (•); 2 - 16Ø ( ) top; 8mm TMT @ 6" c/c; 2 - 16 Ø ( ) bottom	CANTILEVER
BEAM-GB8	8" × 18": 2 - 16Ø ( ) top; 1 - 12 Ø (•); 8mm TMT @ 6" c/c; 2 - 16 Ø ( ) bottom	CANTILEVER



BEAM -X



LIFT PIT DETAILS

DRAWING TITLE:

GRADE BEAM LAYOUT & DETAILS

PROJECT TITLE :

PROPOSED RESIDENTIAL APARTMENT BUILDING "CHERRY BLOSSOM" @ COIMBATORE.

CLIENT NAME :

MARUTHAM DEVELOPERS, COIMBATORE.

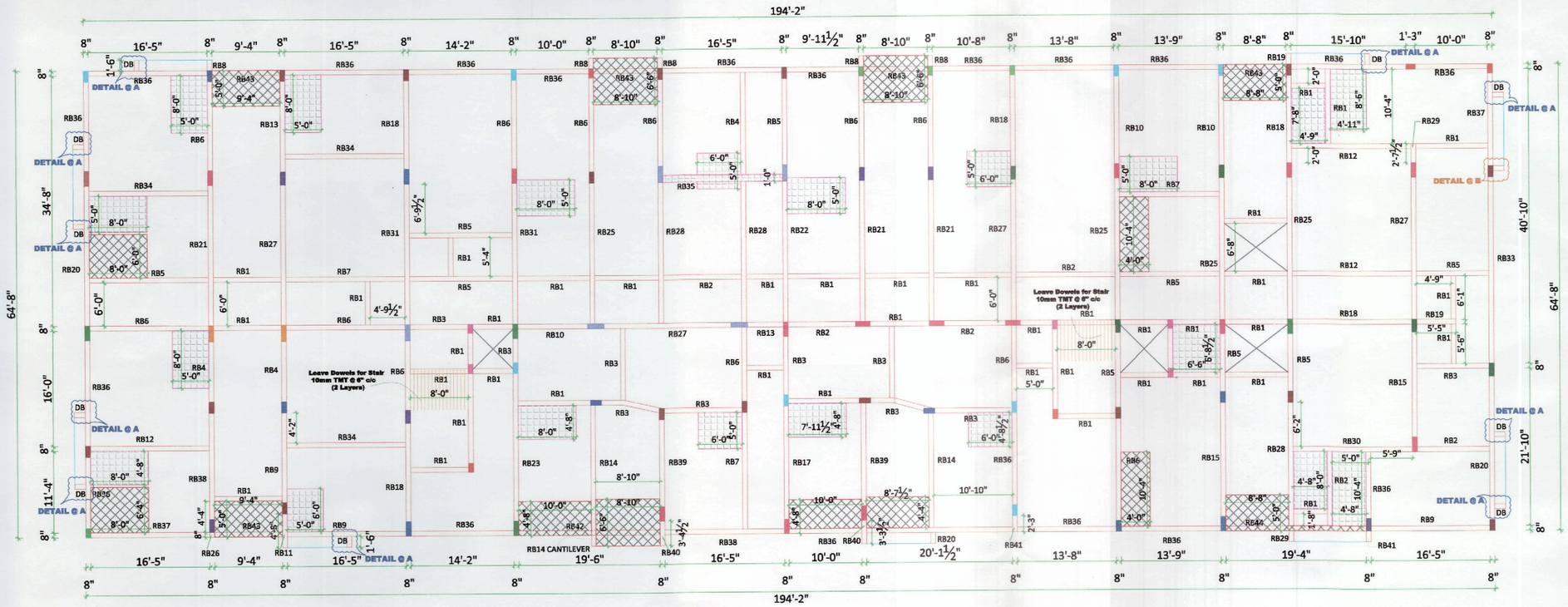
DATE	REV NO	DESCRIPTION	REV BY

CONSULTANTS :

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

DATE	DWG NO	DRAWN BY	CHECKED BY	SCALE
11.11.24	----------	ABISHA J	NANDHINI	NTS

A3 - Sheet

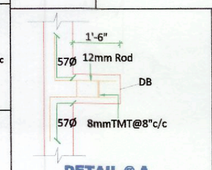


BEAM REINFORCEMENT DETAILS:

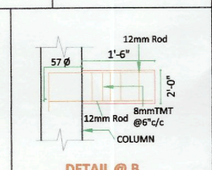
BEAM TYPE	END SECTION	MID SECTION
BEAM - RB1	3 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 12 Ø ( )	2 - 12 Ø ( ) / 8mmTMT@8"c/c / 3 - 12 Ø ( )
BEAM - RB2	2 - 12 Ø ( ) / 1 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 12 Ø ( )	2 - 12 Ø ( ) / 8mmTMT@8"c/c / 1 - 16 Ø ( ) / 2 - 12 Ø ( )
BEAM - RB3	2 - 16 Ø ( ) / 1 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 1 - 12 Ø ( ) / 2 - 16 Ø ( )
BEAM - RB4	2 - 16 Ø ( ) / 1 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 1 - 12 Ø ( ) / 2 - 16 Ø ( )
BEAM - RB5	3 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB6	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB7	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 4 - 16 Ø ( )
BEAM - RB8	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	CANTILEVER
BEAM - RB9	3 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB10	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB11	3 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	CANTILEVER
BEAM - RB12	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 5 - 16 Ø ( )
BEAM - RB13	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB14	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 4 - 16 Ø ( )
BEAM - RB15	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB16	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	CANTILEVER
BEAM - RB17	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB18	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB19	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	CANTILEVER
BEAM - RB20	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB21	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 4 - 16 Ø ( )
BEAM - RB22	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB23	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB24	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 6 - 16 Ø ( )
BEAM - RB25	4 - 20 Ø ( ) / 8mmTMT@6"c/c / 2 - 20 Ø ( )	2 - 20 Ø ( ) / 8mmTMT@8"c/c / 3 - 20 Ø ( )
BEAM - RB26	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	CANTILEVER
BEAM - RB27	5 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 20 Ø ( ) / 8mmTMT@8"c/c / 3 - 20 Ø ( )
BEAM - RB28	5 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 20 Ø ( ) / 8mmTMT@8"c/c / 5 - 20 Ø ( )
BEAM - RB29	5 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	CANTILEVER
BEAM - RB30	4 - 20 Ø ( ) / 8mmTMT@6"c/c / 2 - 20 Ø ( )	2 - 20 Ø ( ) / 8mmTMT@8"c/c / 4 - 20 Ø ( )
BEAM - RB31	5 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 20 Ø ( ) / 8mmTMT@8"c/c / 3 - 20 Ø ( )
BEAM - RB32	5 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 20 Ø ( ) / 8mmTMT@8"c/c / 5 - 20 Ø ( )
BEAM - RB33	4 - 20 Ø ( ) / 8mmTMT@6"c/c / 2 - 20 Ø ( )	2 - 20 Ø ( ) / 8mmTMT@8"c/c / 3 - 20 Ø ( )
BEAM - RB34	6 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 6 - 16 Ø ( )
BEAM - RB35	5 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 20 Ø ( ) / 8mmTMT@8"c/c / 5 - 20 Ø ( )
BEAM - RB36	3 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 12 Ø ( )	2 - 12 Ø ( ) / 8mmTMT@8"c/c / 3 - 12 Ø ( )
BEAM - RB37	2 - 16 Ø ( ) / 1 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 1 - 12 Ø ( ) / 2 - 16 Ø ( )
BEAM - RB38	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 5 - 16 Ø ( )
BEAM - RB39	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	2 - 16 Ø ( ) / 8mmTMT@8"c/c / 3 - 16 Ø ( )
BEAM - RB40	4 - 16 Ø ( ) / 8mmTMT@6"c/c / 2 - 16 Ø ( )	CANTILEVER
BEAM - RB41	3 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 12 Ø ( )	CANTILEVER
BEAM - RB42	6 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 20 Ø ( ) / 8mmTMT@8"c/c / 6 - 20 Ø ( )
BEAM - RB43	3 - 12 Ø ( ) / 8mmTMT@6"c/c / 2 - 12 Ø ( )	2 - 12 Ø ( ) / 8mmTMT@8"c/c / 3 - 12 Ø ( )
BEAM - RB44	5 - 16 Ø ( ) / 8mmTMT@6"c/c / 3 - 16 Ø ( )	3 - 16 Ø ( ) / 8mmTMT@8"c/c / 5 - 16 Ø ( )
BEAM - RB45	6 - 20 Ø ( ) / 8mmTMT@6"c/c / 3 - 20 Ø ( )	3 - 30 Ø ( ) / 8mmTMT@8"c/c / 6 - 20 Ø ( )

LEGEND:

- BALCONY & UTILITY SUNK BY 5"
- TOILET SUNK BY 4"



DETAIL @ A

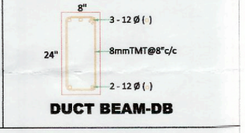


DETAIL @ B

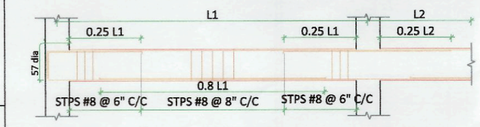
NOTES:

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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.**





DUCT BEAM-DB



TYPICAL CURTAILMENT DETAILS

DRAWING TITLE:

TYPICAL FLOOR ROOF BEAM LAYOUT & DETAILS

PROJECT TITLE :

PROPOSED RESIDENTIAL APARTMENT BUILDING "CHERRY BLOSSOM" @ COIMBATORE.

CLIENT NAME :

MARUTHAM DEVELOPERS, COIMBATORE.

DATE	REV NO	DESCRIPTION	REV BY

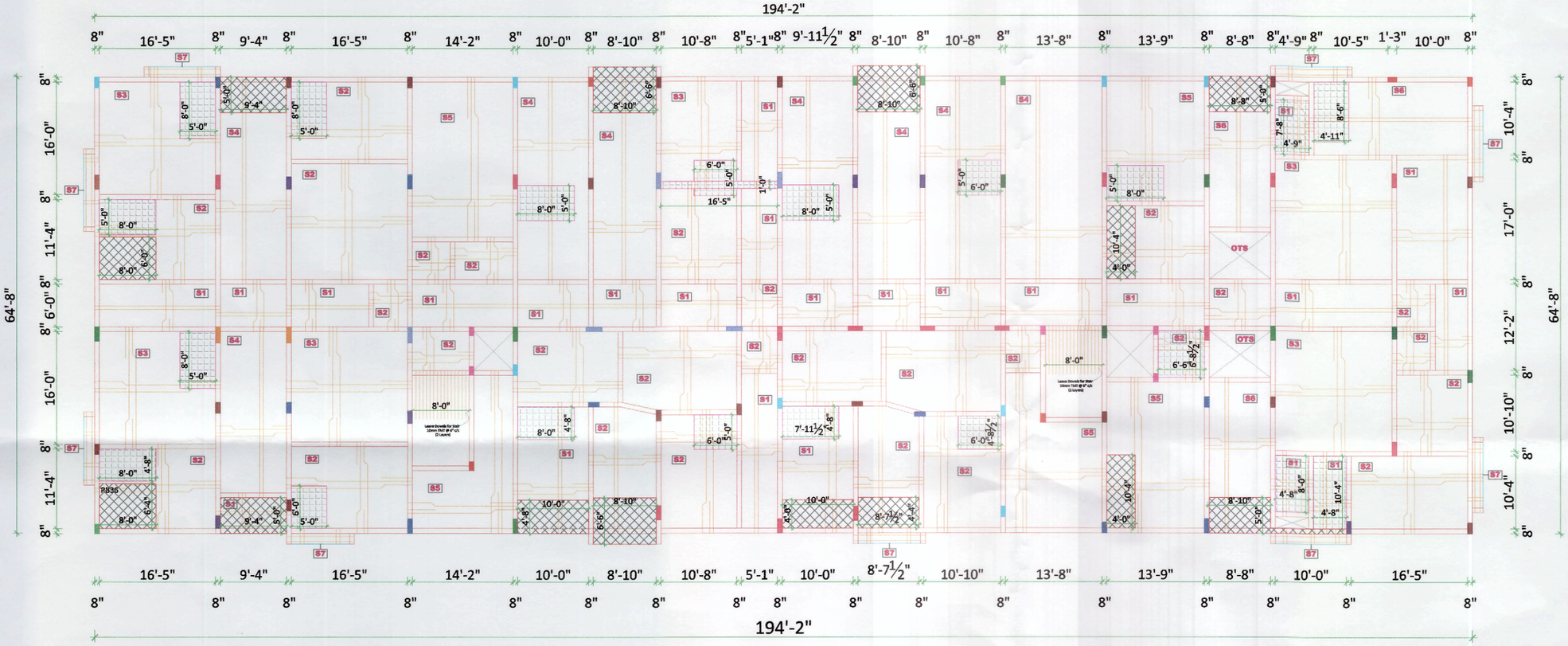
CONSULTANTS :

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DATE	DRAWING NO	DRAWN BY	CHECKED BY	SCALE
21.11.24	------	DIVYA P	NANDHINI	NTS

A2 - Sheet



TYPICAL FLOOR ROOF SLAB LAYOUT & DETAILS

SLAB TYPE	TK	SHORT SPAN	LONG SPAN	REMARK
S1	5" TK	8 TMT @ 6" C/C	8 TMT @ 9" C/C	ONE WAY SLAB
S2	5" TK	8 TMT @ 6" C/C	8 TMT @ 6" C/C	TWO WAY SLAB
S3	5½" TK	10 TMT @ 6" C/C	10 TMT @ 6" C/C	TWO WAY SLAB
S4	5½" TK	10 TMT @ 6" C/C	8 TMT @ 9" C/C	ONE WAY SLAB
S5	5" TK	10 TMT @ 5" C/C	10 TMT @ 5" C/C	TWO WAY SLAB
S6	5" TK	10 TMT @ 5" C/C	8 TMT @ 9" C/C	ONE WAY SLAB
S7	6" TK	8 TMT @ 6" C/C	8 TMT @ 9" C/C	ONE WAY SLAB

LEGEND:

- BALCONY & UTILITY SUNK BY 5"
- TOILET SUNK BY 4"

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 & SLAB
05. STEEL : Fe 500
06. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    a) FOR SLABS - ¾" (20 mm)
07. REINFORCEMENT IN THE SLABS SHALL BE CRANKED AT 0.25L FROM SUPPORT AND EXTRA RODS SHALL BE FOR 0.25L LENGTH UNLESS SPECIFIED OTHERWISE WHERE L IS CLEAR SPAN.
08. USE 57 Ø FOR DEVELOPMENT LENGTH.
09. PROVIDE A LAP LENGTH OF 50 Ø MINIMUM FOR BEAMS & SLAB REINFORCEMENTS, WHERE Ø IS DIAMETER OF MAIN BARS.
10. ALL TOILET SUNKEN SIZES MENTIONED ARE AFTER CONCRETING DIMENSION NOT SHUTEERING DIMENSION.
11. LEAVE DOWEL RODS BOTH TOP & BOTTOM FOR STAIRCASE.
12. FOR STAIRCASE DETAILS REFER SEPARATE DRAWING.
13. T.O.C - TOP OF CONCRETE, TK - THICKNESS, LVL - LEVEL.
14. FOR SLAB PROJECTION DETAILS REFER ELEVATION AND WORKING DRAWING.
15. ALL DIMENSIONS & SECTIONS SHOULD BE CHECKED BY THE SITE ENGINEER BEFORE CONSTRUCTION.
16. DO NOT SCALE THE DRAWING, FOLLOW THE GIVEN DIMENSIONS ONLY.

DRAWING TITLE:

TYPICAL FLOOR ROOF SLAB DETAILS

PROJECT TITLE :

PROPOSED RESIDENTIAL APARTMENT BUILDING "CHERRY BLOSSOM" @ COIMBATORE.

CLIENT NAME :

MARUTHAM DEVELOPERS, COIMBATORE.

CONSULTANTS :

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DATE	DRAWING NO	DRAWN BY	CHECKED BY	SCALE
20.05.24	----------	VINOTHINI S	NANDHINI	NTS

A2 - Sheet

Our services go beyond

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

Legal & Documentation Services

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.

Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.

Smarter Tools, Stronger Decisions

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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We're honored to be part of your
real estate journey

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