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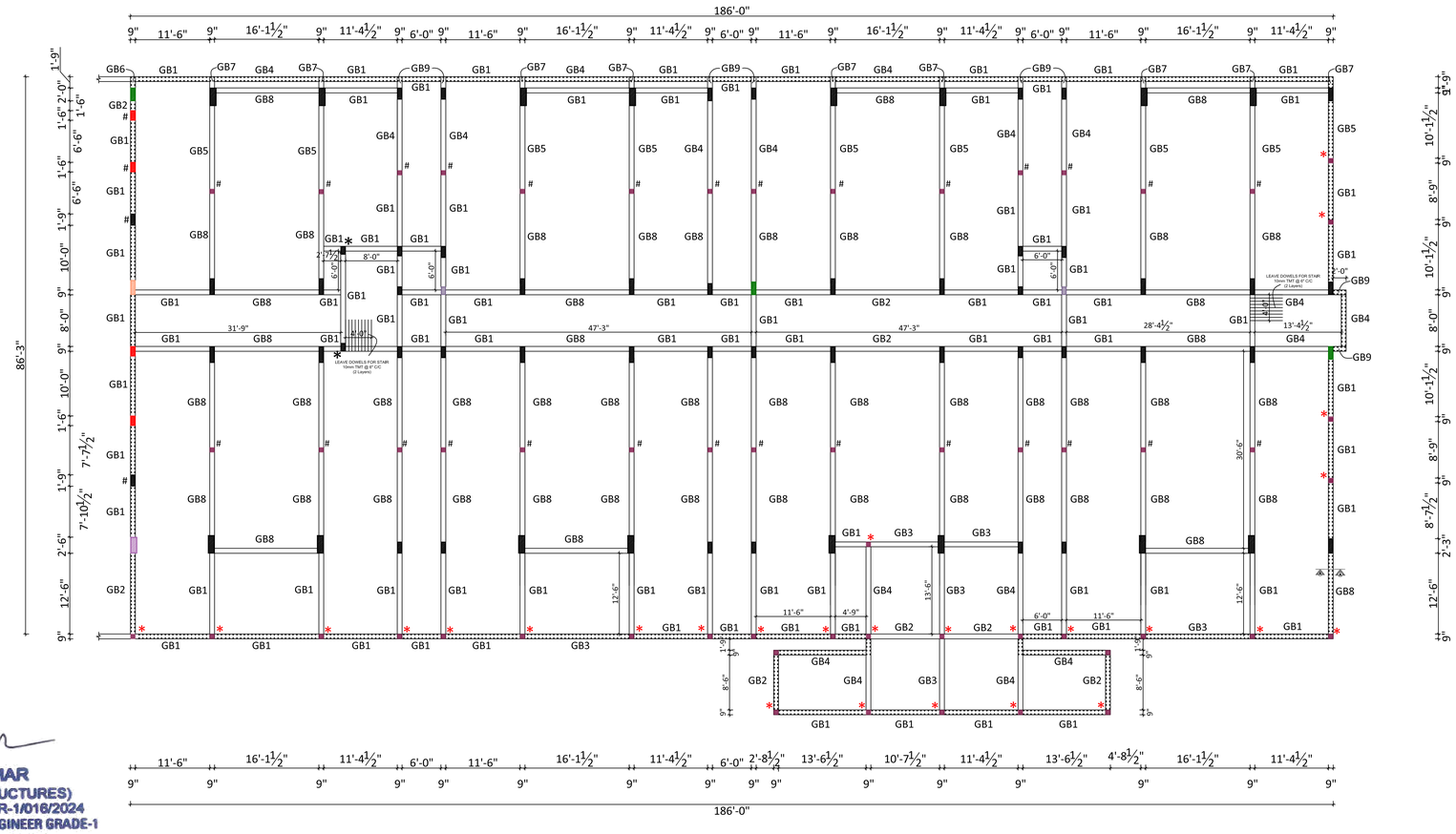
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996
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Official Property Record



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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.

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": 2 - 12Ø (○); 1 - 16Ø (●); 8mm TMT @ 6" c/c; 2 - 12 Ø (○)	9" × 15": 2 - 12Ø (○); 8mm TMT @ 8" c/c; 1 - 16Ø (●); 2 - 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" × 15": 4 - 16Ø (○); 8mm TMT @ 6" c/c; 2 - 16 Ø (○)	9" × 15": 2 - 16Ø (○); 8mm TMT @ 8" c/c; 3 - 16 Ø (○)

BEAM TYPE	END SECTION	MID SECTION
BEAM-GB6	9" × 15": 2 - 12Ø (○); 1 - 16Ø (●); 8mm TMT @ 6" c/c; 2 - 12 Ø (○)	CANTILEVER
BEAM-GB7	9" × 15": 4 - 16Ø (○); 8mm TMT @ 6" c/c; 2 - 16 Ø (○)	CANTILEVER
BEAM-GB8	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-GB9	9" × 15": 3 - 16Ø (○); 8mm TMT @ 6" c/c; 2 - 16 Ø (○)	CANTILEVER

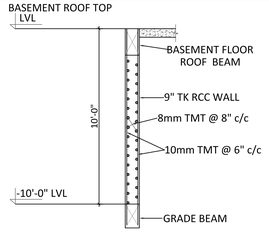
NOTE

\# TERMINATE INDICATED COLUMN @ FIRST FLOOR TOP LEVEL

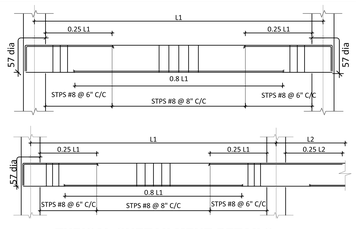
* TERMINATE INDICATED COLUMN @ STILT FLOOR ROOF TOP LEVEL

* TERMINATE INDICATED COLUMN @ BASEMENT ROOF TOP LEVEL

\# TERMINATE INDICATED COLUMN @ BASEMENT GRADE BEAM TOP LEVEL



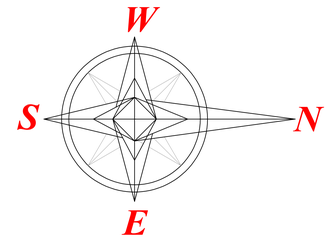
SECTION A-A



TYPICAL CURTAILMENT DETAILS

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.**



DRAWING TITLE:

BASEMENT GRADE BEAM DETAILS

PROJECT TITLE :

PROPOSED "ORCHID AARNA" RESIDENTIAL APARTMENT @ COIMBATORE

CLIENT NAME :

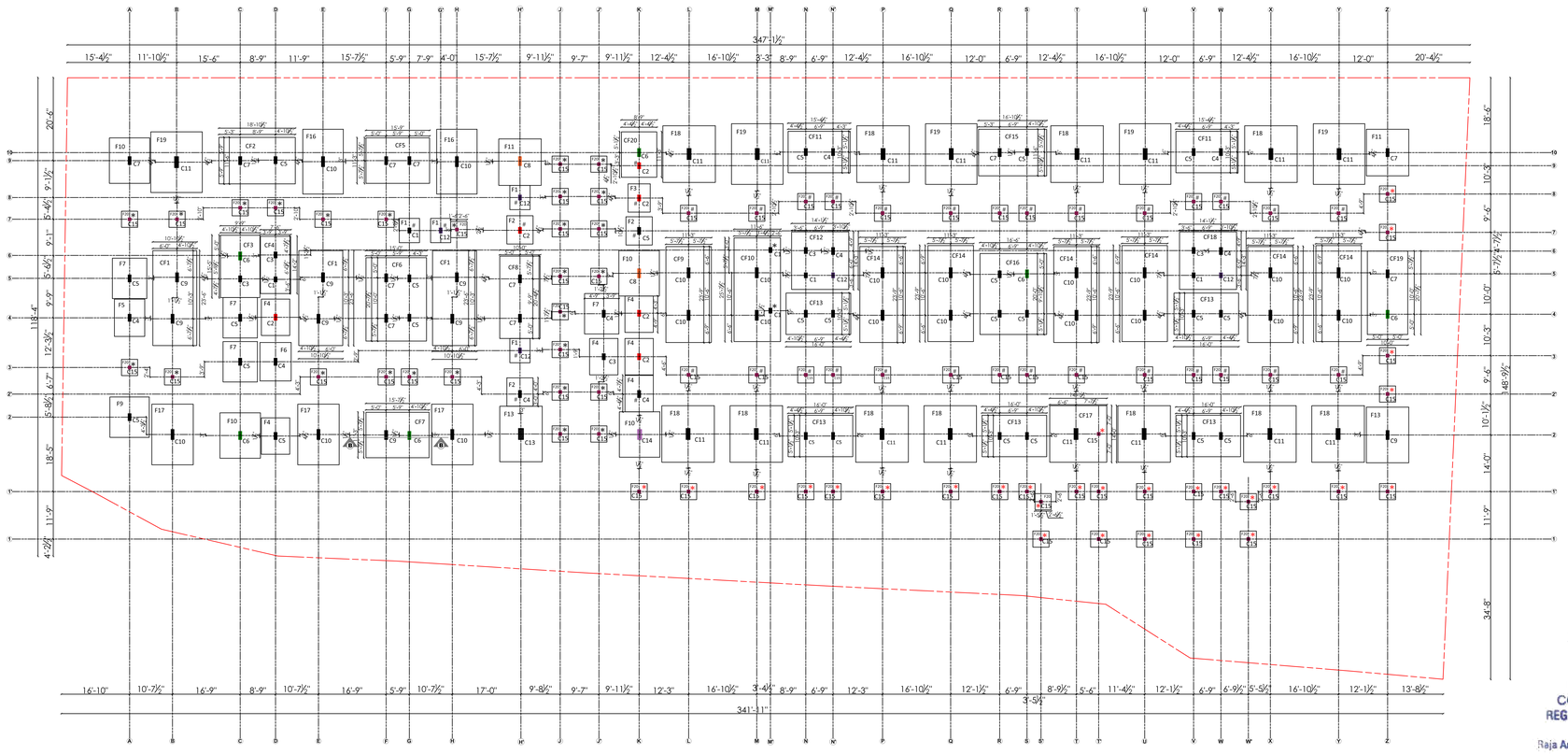
M/S LUMBODHARA REAL ESTATE, @COIMBATORE.

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
25.03.25	----------	BALAJI B	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 : GRADE FOR FOOTING **M20 (1:1½:3)**, GRADE FOR COLUMN **M25 (1:1:2)**
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 - **216 kN/m² @ 4 m** (13'-0") DEPTH FROM NATURAL GROUND LEVEL **.**
10. THE STRUCTURE IS DESIGNED FOR MA BASEMENT+STILT+5 FLOORS 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.**

*	**TERMINATE INDICATED COLUMN @ BASEMENT ROOF TOP LEVEL**
#	**TERMINATE INDICATED COLUMN @ BASEMENT GRADE BEAM TOP LEVEL**
*	**TERMINATE INDICATED COLUMN @ GRADE BEAM TOP LEVEL**
#	**TERMINATE INDICATED COLUMN @ FIRST FLOOR TOP LEVEL**
*	**TERMINATE INDICATED COLUMN @ STILT FLOOR ROOF TOP LEVEL**

COLUMN / FOOTING REINFORCEMENT DETAILS:

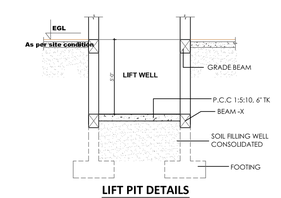
COLUMN TYPE	COLUMN SIZE	GRIDS	COLUMN REINFORCEMENT	MIX	TOTAL NO. OF COLUMNS
C1	9"X15"	D5,G7,M'6,M'4,N5,V5	8 - 12mm Ø (e) 8mmØ TMT @ 7" c/c (1 Tie + 1 Link)	M25 (1:1:2)	06
C2	9"X18"	D4,H'7,K3,K4,K8,K9	10 - 16mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	06
C3	9"X18"	C5,D6,J'3,N6,V6	8 - 20mm Ø (e) 8mm TMT @ 8"c/c (1Link + 1Tie)	M25 (1:1:2)	05
C4	9"X21"	A4,D3,H'2',J'4,K2',N'6,N'10,W6,W10	10 - 20mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	09
C5	9"X21"	A2,A5,C3,C4,D2,D9,G4,G5, K7,N2,N4,N10,N'2,N'4,R4,R5, S2,S4,S10,V2,V4,V10,W2,W4	10 - 25mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	24
C6	9"X24"	C2,C6,G2,K10,S5,Z4	10 - 25mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	06
C7	9"X24"	A9,C9,F4,F5,F9,G9,H'4,H'5,R10,Z5,Z10	12 - 25mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	11
C8	9"X27"	K5,H'9	12 - 25mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	02
C9	9"X27"	B4,B5,E4,E5,F2,H4,H5,Z2	14 - 25mm Ø (e) 8mm TMT @ 8"c/c (3 Ties)	M25 (1:1:2)	08
C10	9"X30"	B2,E2,E9,H2,H9,L4,L5,M4,M5,P4, P5,Q4,Q5,T4,T5,U4,U5, X4,X5,Y4,Y5	16 - 25mm Ø (e) 8mm TMT @ 8"c/c (3 Ties)	M25 (1:1:2)	21
C11	12"X33"	B9,L2,L10,M2,M10,P2,P10, Q2,Q10,T2,T10,U2,U10,X2,X10,Y10,Y2	16 - 25mm Ø (e) 8mm TMT @ 8"c/c (3 Ties)	M25 (1:1:2)	17
C12	9"X15"	G7,H'3,H'8,N'5,W5	8 - 16mm Ø (e) 8mmØ TMT @ 7" c/c (1 Tie + 1 Link)	M25 (1:1:2)	05
C13	15"X33"	H'2	18 - 25mm Ø (e) 8mm TMT @ 8"c/c (4 Ties)	M25 (1:1:2)	01
C14	9"X30"	K2	12 - 25mm Ø (e) 8mm TMT @ 8"c/c (2 Ties)	M25 (1:1:2)	01
C15	9"X9"	A3,A7,B3,B7,C7,D7,E2',E7,F2',F7,G2',H2,H7, J2,J2',J3,J4,J5,J7,J8,J9,J'2,J'2',J'5,J7,J8, J'9,K1',L1',L3,L8,M1',M3,M8,N1',N3,N8,N1', N'3,N'8,P1',P3,P8,Q1'Q3,Q8,R1',R2,R3,R8,S1',S3, S8,S1',S1'1',T3,T8,T1,T1',T2,U1,U1',U3,U8, V1,V1',V3,V8,W1',W3,W8,W'1,W'1',X1',X3, X8,Y1',Y3,Y8,Z1',Z2,Z3,Z7,Z8	6 - 12mm Ø (e) 8mmØ TMT @ 7" c/c (1 Tie)	M25 (1:1:2)	85
			TOTAL NO. OF COLUMNS	-	207

FOOTING DETAILS:

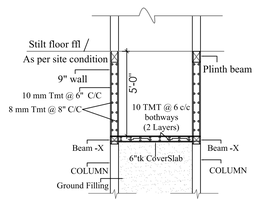
FOOTING TYPE	FOOTING SIZE (L X B X D) & REINFORCEMENT	MIX
F1	6'0" x 5'0" x 1'3" 10 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F2	7'0" x 6'6" x 1'6" 12 mmØ TMT @ 4"c/c (Both ways)	M20 (1:1½:3)
F3	7'0" x 5'6" x 1'3" 10 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F4	9'0" x 7'0" x 1'9" 12 mmØ TMT @ 4"c/c (Both ways)	M20 (1:1½:3)
F5	9'3" x 7'6" x 1'9" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)
F6	9'6" x 7'9" x 2'0" 12 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)
F7	10'0" x 8'6" x 2'0" 12 mmØ TMT @ 4"c/c (Both ways)	M20 (1:1½:3)
F8	10'3" x 8'9" x 2'3" 12 mmØ TMT @ 4"c/c (Both ways)	M20 (1:1½:3)
F9	10'0" x 9'9" x 2'3" 12 mmØ TMT @ 4"c/c (Both ways)	M20 (1:1½:3)
F10	11'3" x 10'0" x 2'6" 12 mmØ TMT @ 4"c/c (Both ways)	M20 (1:1½:3)
F11	11'6" x 10'6" x 2'6" 16 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F12	13'3" x 9'9" x 2'9" 16 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F13	13'9" x 10'6" x 2'9" 16 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)
F14	13'6" x 10'0" x 2'9" 16 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F15	13'0" x 11'3" x 2'9" 16mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F16	16'0" x 10'0" x 3'0" 16 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)
F17	15'0" x 10'3" x 2'9" 16 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F18	14'0" x 13'0" x 3'3" 16 mmØ TMT @ 6"c/c (Both ways)	M20 (1:1½:3)
F19	15'0" x 12'9" x 3'3" 16 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)
F20	4'0" x 4'0" x 1'3" 10 mmØ TMT @ 5"c/c (Both ways)	M20 (1:1½:3)

COMBINED FOOTING DETAILS:

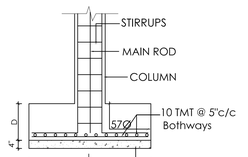
FOOTING TYPE	COLUMN TYPES	GRIDS	FOOTING SIZE (L X B X D) & REINFORCEMENT	MIX	TOTAL NO. OF COLUMNS
CF1	C9	B4,B5,E4,E5,H4,H5	10'10½" x 23'6" x 2'9" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	06
CF2	C5,C7	C9,D9	18'10½" x 11'6" x 2'6" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF3	C3,C6	C5,C6	9'9" x 15'5" x 2'3" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF4	C1,C3	D5,D6	7'6" x 14'2" x 1'9" - 12 mmØ TMT @ 5"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF5	C7	F9,G9	15'9" x 11'3" x 2'6" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF6	C7,C5	F4,F5,G4,G5	15'0" x 20'7½" x 2'6" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF7	C6,C9	F2,G2	15'7½" x 11'3" x 2'6" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF8	C7	H'4,H'5	10'0" x 20'4½" x 2'6" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF9	C10	L4,L5	11'3" x 23'9" x 2'9" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF10	C1,C10	M4,M5,M'4,M'6	11'6" x 25'7½" x 2'9" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF11	C4,C5	N9,N'9,V9,W9	15'4½" x 10'3" x 2'3" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF12	C1,C3,C4,C12	N5,N6,N'5,N'6	14'1½" x 14'3" x 2'0" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF13	C5	N2,N4,N'2,N'4,R2, S2,V2,V4,W2,W4	10'3" x 16'0" x 2'3" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	10
CF14	C10	P4,P5,Q4,Q5, T4,T5,U4,U5, X4,X5,Y4,Y5	11'3" x 23'9" x 2'9" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	12
CF15	C5,C7	R9,S9	16'10½" x 11'6" x 2'6" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF16	C5,C6	R4,R5,S4,S5	16'6" x 20'0" x 2'3" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF17	C11,C15	T2,T'2	14'1½" x 14'0" x 3'3" - 16 mmØ TMT @ 6"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF18	C1,C3,C4,C12	V5,V6,W5,W6	14'1½" x 14'3" x 2'0" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	04
CF19	C6,C7	Z4,Z5	10'0" x 20'7½" x 2'6" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02
CF20	C2,C6	K9,K10	8'9" x 11'3" x 2'3" - 12 mmØ TMT @ 4"c/c Both ways (2 LAYERS)	M20 (1:1½:3)	02



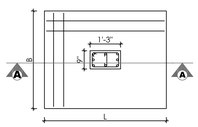
LIFT PIT DETAILS



LIFT SECTION DETAILS

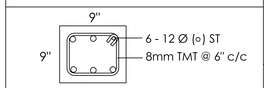


SECTION A-A

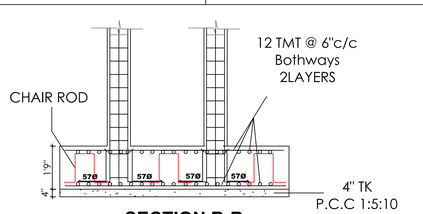


PLAN

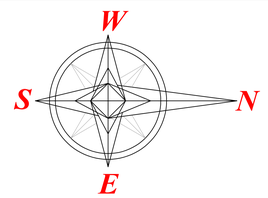
TYPICAL FOOTING DETAILS



BEAM -X



SECTION B-B:



DRAWING TITLE:

COLUMN & FOOTING
CENTER LINE LAYOUT & DETAILS

PROJECT TITLE :

PROPOSED "ORCHID AARNA" RESIDENTIAL APARTMENT @ COIMBATORE

CLIENT NAME :

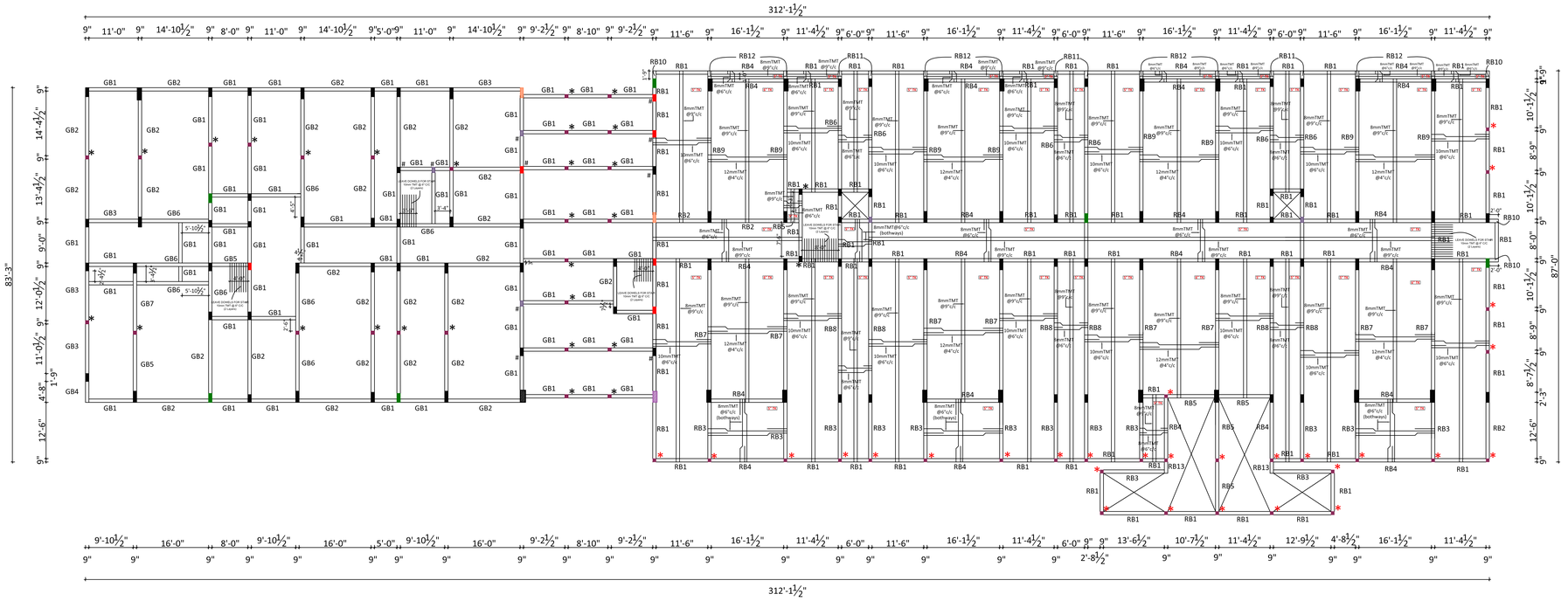
M/S LUMBODHARA REAL ESTATE, @COIMBATORE.

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
03.04.25	-------	BALAJI B	BERLIN	NTS



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.**

NOTE

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

* **TERMINATE INDICATED COLUMN @ GRADE BEAM TOP LEVEL**

\# **TERMINATE INDICATED COLUMN @ FIRST FLOOR TOP LEVEL**

* **TERMINATE INDICATED COLUMN @ STILT FLOOR ROOF TOP LEVEL**

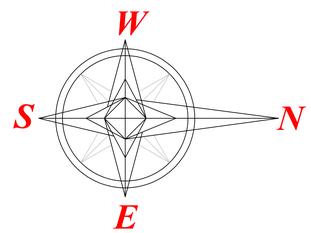
GRADE BEAM REINFORCEMENT DETAILS:

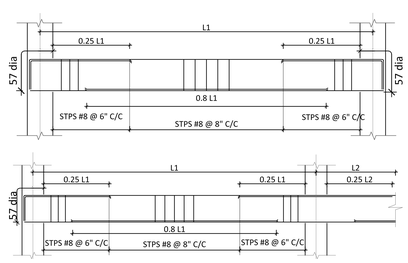
BEAM TYPE	END SECTION	MID SECTION
BEAM - GB1	9" × 12": 3 - 12Ø (○) 8mm TMT @ 6" c/c, 2 - 12 Ø (○)	9" × 12": 2 - 12Ø (○) 8mm TMT @ 8" c/c, 3 - 12 Ø (○)
BEAM - GB2	9" × 15": 3 - 12Ø (○) 8mm TMT @ 6" c/c, 2 - 12 Ø (○)	9" × 15": 2 - 12Ø (○) 8mm TMT @ 8" c/c, 3 - 12 Ø (○)
BEAM - GB3	9" × 15": 1 - 12 Ø (●), 2 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	9" × 15": 2 - 16Ø (○) 8mm TMT @ 8" c/c, 2 - 16 Ø (○), 1 - 12 Ø (●)
BEAM - GB4	9" × 15": 1 - 12 Ø (●), 2 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	CANTILEVER
BEAM - GB5	9" × 12": 1 - 12 Ø (●), 2 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	9" × 12": 2 - 16 Ø (○) 8mm TMT @ 8" c/c, 2 - 16 Ø (○), 1 - 12 Ø (●)
BEAM - GB6	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 - GB7	9" × 15": 4 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	9" × 15": 2 - 16Ø (○) 8mm TMT @ 8" c/c, 3 - 16 Ø (○)

ROOF BEAM REINFORCEMENT DETAILS:

BEAM TYPE	END SECTION	MID SECTION
BEAM - RB1	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 - RB2	9" × 15": 1 - 16 Ø (●), 2 - 12 Ø (○) 8mm TMT @ 6" c/c, 2 - 12 Ø (○)	9" × 15": 2 - 12 Ø (○) 8mm TMT @ 8" c/c, 2 - 12 Ø (○), 1 - 16 Ø (●)
BEAM - RB3	9" × 15": 4 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	9" × 15": 2 - 16Ø (○) 8mm TMT @ 8" c/c, 3 - 16 Ø (○)
BEAM - RB4	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 - RB5	9" × 15": 1 - 12 Ø (●), 2 - 16 Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	9" × 15": 2 - 16 Ø (○) 8mm TMT @ 8" c/c, 2 - 16 Ø (○), 1 - 12 Ø (●)
BEAM - RB6	9" × 24": 4 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	9" × 24": 2 - 16Ø (○) 8mm TMT @ 8" c/c, 3 - 16 Ø (○)
BEAM - RB7	9" × 24": 5 - 16Ø (○) 8mm TMT @ 6" c/c, 3 - 16 Ø (○)	9" × 24": 3 - 16Ø (○) 8mm TMT @ 8" c/c, 4 - 16 Ø (○)
BEAM - RB8	9" × 24": 5 - 20Ø (○) 8mm TMT @ 6" c/c, 3 - 20 Ø (○)	9" × 24": 3 - 20Ø (○) 8mm TMT @ 8" c/c, 3 - 20 Ø (○)
BEAM - RB9	9" × 24": 6 - 20Ø (○) 8mm TMT @ 6" c/c, 3 - 20 Ø (○)	9" × 24": 3 - 20Ø (○) 8mm TMT @ 8" c/c, 5 - 20 Ø (○)
BEAM - RB10	9" × 12": 3 - 12Ø (○) 8mm TMT @ 6" c/c, 2 - 12 Ø (○)	CANTILEVER
BEAM - RB11	9" × 24": 4 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	CANTILEVER
BEAM - RB12	9" × 24": 6 - 20Ø (○) 8mm TMT @ 6" c/c, 3 - 20 Ø (○)	CANTILEVER
BEAM - RB13	9" × 15": 3 - 16Ø (○) 8mm TMT @ 6" c/c, 2 - 16 Ø (○)	CANTILEVER

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.





TYPICAL CURTAILMENT DETAILS

DRAWING TITLE:

GRADE BEAM &
BASEMENT ROOF BEAM DETAILS

PROJECT TITLE :

PROPOSED "ORCHID AARNA" RESIDENTIAL APARTMENT @ COIMBATORE

CLIENT NAME :

M/S LUMBODHARA REAL ESTATE,
@COIMBATORE.

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
02.05.25	----------	BALAJI B	BERLIN	NTS

A1 - 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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