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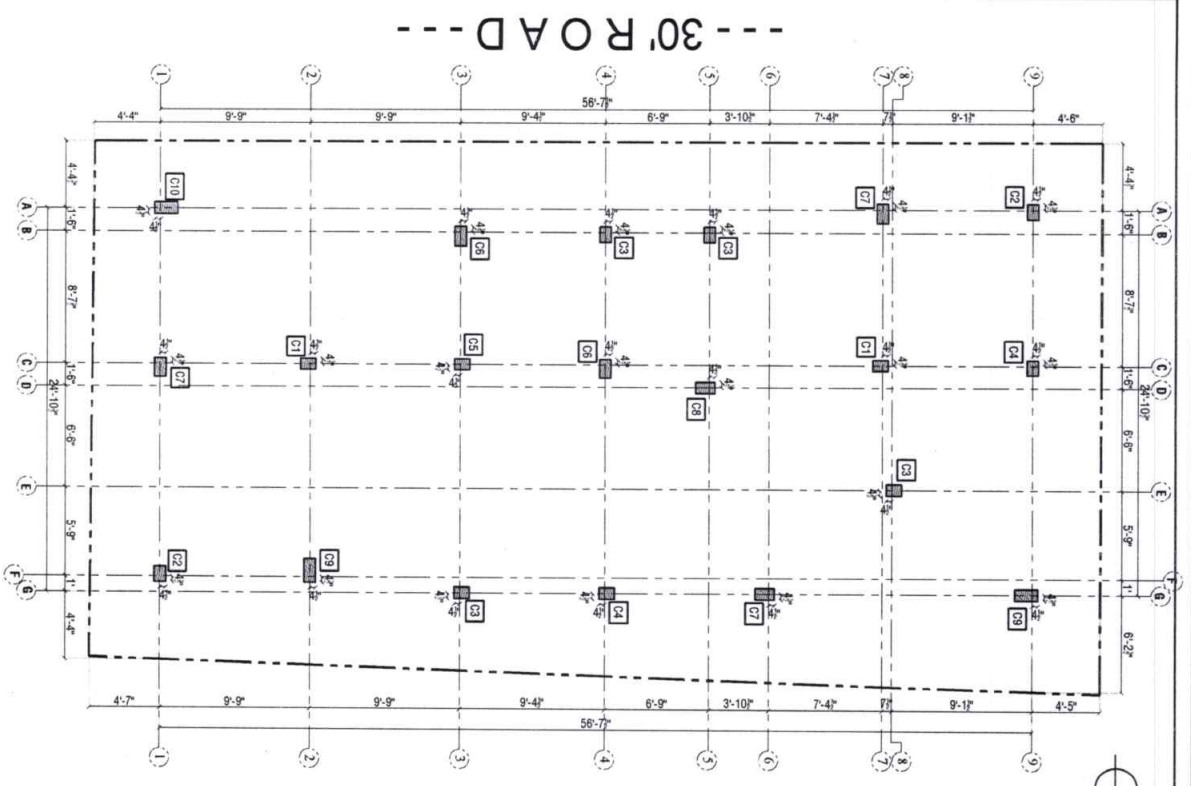
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RCC COLUMN DETAIL

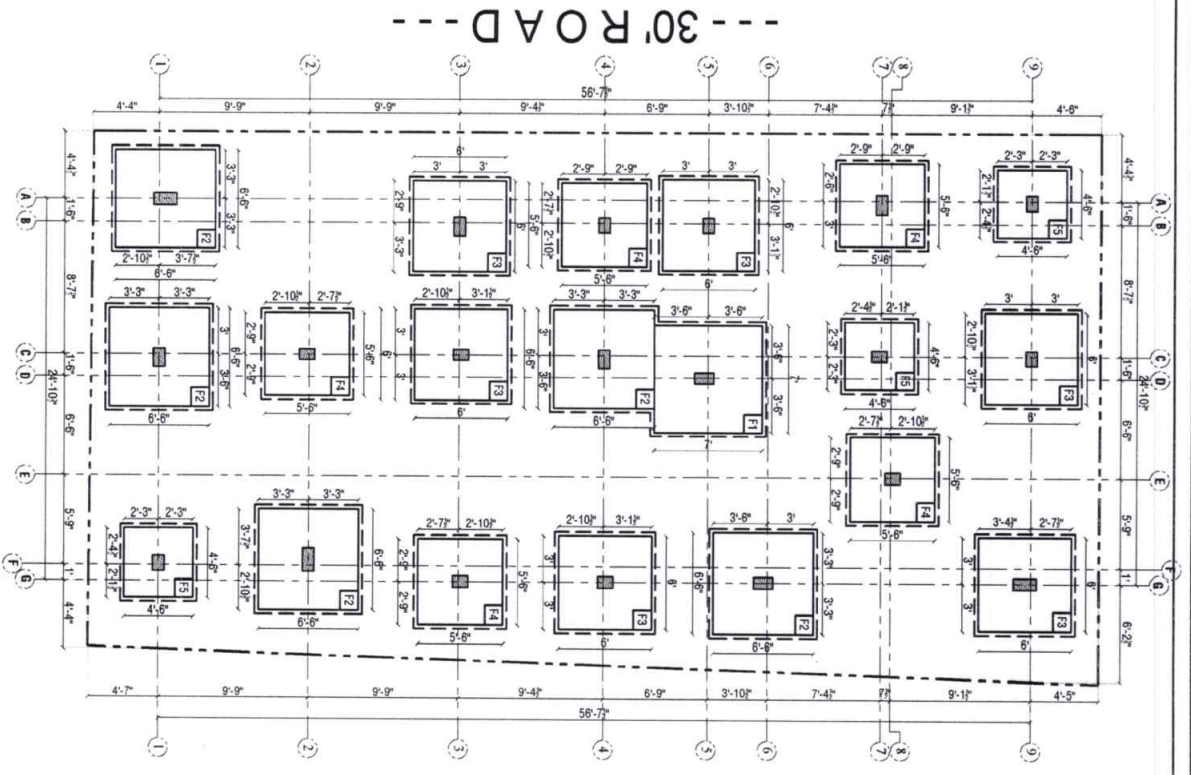
S. No.	Column No.	Column Size	Column Reinforcement from Foundation to GF Roof Slab	Column Reinforcement from GF Roof Slab to 5th floor Slab	No. of columns	Ties
1	C1	9' x 9'	6-Y12 + 8@7" c/c	TERMINATED AT GF ROOF SLAB LVL	2	
2	C2	9' x 12'	6-Y12 + 8@7" c/c	4-Y12 + 8@7" c/c	2	
3	C3	9' x 12'	4-Y16 + 8@7" c/c	4-Y16 + 8@7" c/c	4	
4	C4	9' x 12'	4-Y16 + 2-Y12 + 8@7" c/c	5-Y12 + 8@7" c/c	2	
5	C5	9' x 12'	4-Y16 + 2-Y12 + 8@7" c/c	4-Y16 + 2-Y12 + 8@7" c/c	1	
6	C6	9' x 15'	4-Y16 + 2-Y12 + 8@7" c/c	5-Y12 + 8@7" c/c	2	
7	C7	9' x 15'	4-Y16 + 2-Y12 + 8@7" c/c	4-Y16 + 2-Y12 + 8@7" c/c	3	
8	C8	9' x 15'	6-Y16 + 2-Y12 + 8@7" c/c	5-Y12 + 8@7" c/c	1	
9	C9	9' x 15'	4-Y20 + 4-Y16 + 8@7" c/c	4-Y20 + 4-Y16 + 8@7" c/c	2	
10	C10	9' x 15'	8-Y20 + 8@7" c/c	8-Y20 + 8@7" c/c	1	
TOTAL NO. OF COLUMNS						20

M. M. M. S.

A. MAGESH RAJ, M.E. (Structural Engineer)
CANARA REGISTERED STRUCTURAL ENGINEER GRAD. REG. NO. SE/GR-1/2022/06/325
GCC REG. NO. RSE101432021
CELL: 97870 72100

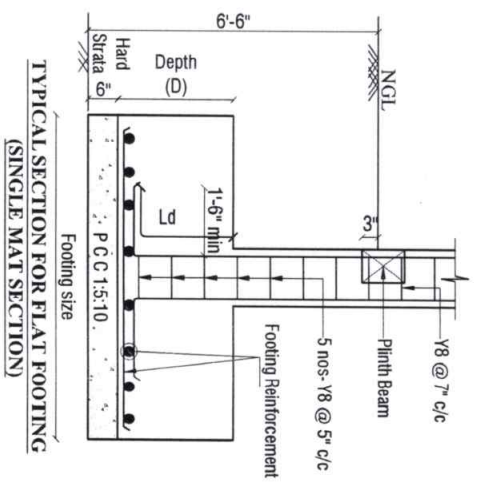
magiststructure@gmail.com

REVISIONS R01 GOOD FOR CONSTRUCTION 16.09.23 Ref. Description Date Sign	
☐ Advance copy ☒ Good for construction	
GANGA-PLOT 1& 2- RESIDENTIAL APARTMENT AT KUNDRAITHUR	
Prepared by MP magiststructure@gmail.com Date: 14/09/23	Design & Checked MAGESH Date: 16/09/23



RCC FOOTING DETAIL

Footing No	Footing Size	Footing Depth D	Footing Reinforcement Bottom Mat	No. OF FOOTING
F1	70" x 70"	18"	Y12 @ 6" c/c BOTH WAYS	1
F2	65" x 65"	18"	Y10 @ 5" c/c BOTH WAYS	5
F3	60" x 60"	15"	Y10 @ 5" c/c BOTH WAYS	6
F4	55" x 55"	15"	Y10 @ 6" c/c BOTH WAYS	5
F5	45" x 45"	12"	Y10 @ 6" c/c BOTH WAYS	3

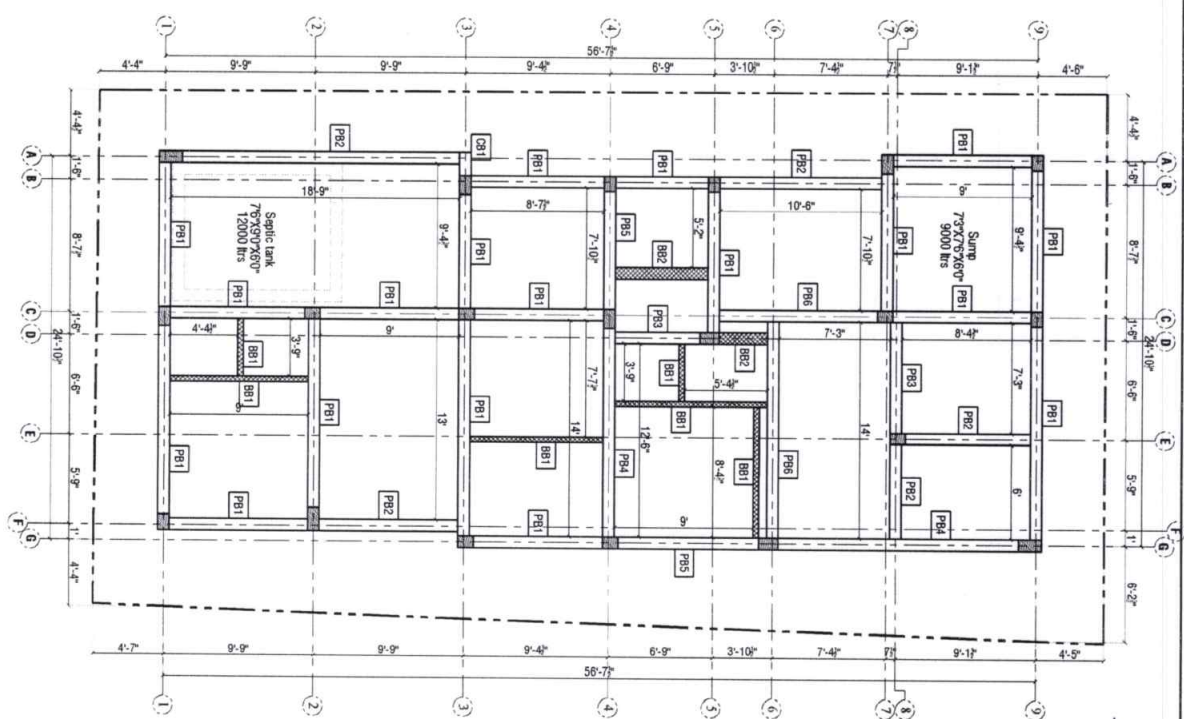


TYPICAL SECTION FOR FLAT FOOTING
(SINGLE MAT SECTION)

GENERAL NOTES	
1.	Check the footing size and depth.
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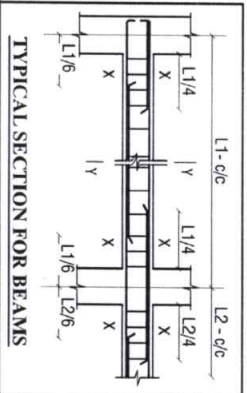
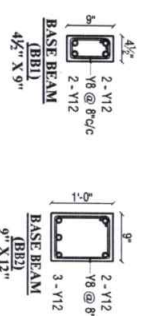
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 GCC REG. NO: RSE/101432021
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Rev	Description	Date	Sign
01	GOOD FOR CONSTRUCTION	16.09.23	
02	Advance copy		
03	Good for construction		
04	APARTMENT AT KUNDRAITHUR		
05	FOOTING LAYOUT AND REINFORCEMENT DETAILS		
06	Drawn		
07	Checked		
08	Design		
09	MAHESH		
10	Size		
11	44		
12	DNV		
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PLINTH BEAM DETAILS

S	Beam No	Beam Size	C/S of Left End support	C/S of Mid span	C/S of Right End support
1	PB1	9' x 15"	2-Y12 + 1-Y12 (ext) ● Y8 @ 8" c/c 2-Y12	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y12 (ext) ●	2-Y12 + 1-Y12 (ext) ● Y8 @ 8" c/c 2-Y12
2	PB2	9' x 15"	2-Y12 + 1-Y12 (ext) ● Y8 @ 8" c/c 2-Y12	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y12 (ext) ●	2-Y12 Y8 @ 8" c/c 2-Y12
3	PB3	9' x 15"	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y12 (ext) ●	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y12 (ext) ●	2-Y12 + 1-Y12 (ext) ● Y8 @ 8" c/c 2-Y12
4	PB4	9' x 15"	2-Y12 + 2-Y16 (ext) ● Y8 @ 8" c/c 2-Y12	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y16 (ext) ●	2-Y12 + 2-Y16 (ext) ● Y8 @ 8" c/c 2-Y12
5	PB5	9' x 15"	2-Y12 + 1-Y12 (ext) ● Y8 @ 8" c/c 2-Y12	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y12 (ext) ●	2-Y12 + 2-Y16 (ext) ● Y8 @ 8" c/c 2-Y12
6	PB6	9' x 15"	2-Y12 Y8 @ 8" c/c 2-Y12	2-Y12 Y8 @ 8" c/c 2-Y12 + 1-Y16 (ext) ●	2-Y12 + 1-Y12 (ext) ● Y8 @ 8" c/c 2-Y12
7	CB1	9' x 15"	3-Y12 Y8 @ 8" c/c 2-Y12	3-Y12 Y8 @ 8" c/c 2-Y12	3-Y12 Y8 @ 8" c/c 2-Y12



- GENERAL NOTES**
1. Reinforcement bars shall be as per IS 1786.
 2. Spacing of reinforcement bars shall be as per IS 1786.
 3. The reinforcement bars shall be as per IS 1786.
 4. The reinforcement bars shall be as per IS 1786.
 5. The reinforcement bars shall be as per IS 1786.
 6. The reinforcement bars shall be as per IS 1786.
 7. The reinforcement bars shall be as per IS 1786.
 8. The reinforcement bars shall be as per IS 1786.
 9. The reinforcement bars shall be as per IS 1786.
 10. The reinforcement bars shall be as per IS 1786.

REVISIONS

Rev	Description	Date	Sign
01	GOOD FOR CONSTRUCTION	16.09.23	

PLINTH BEAM LAYOUT AND REINFORCEMENT DETAILS

Scale: 1/4" = 1'-0"

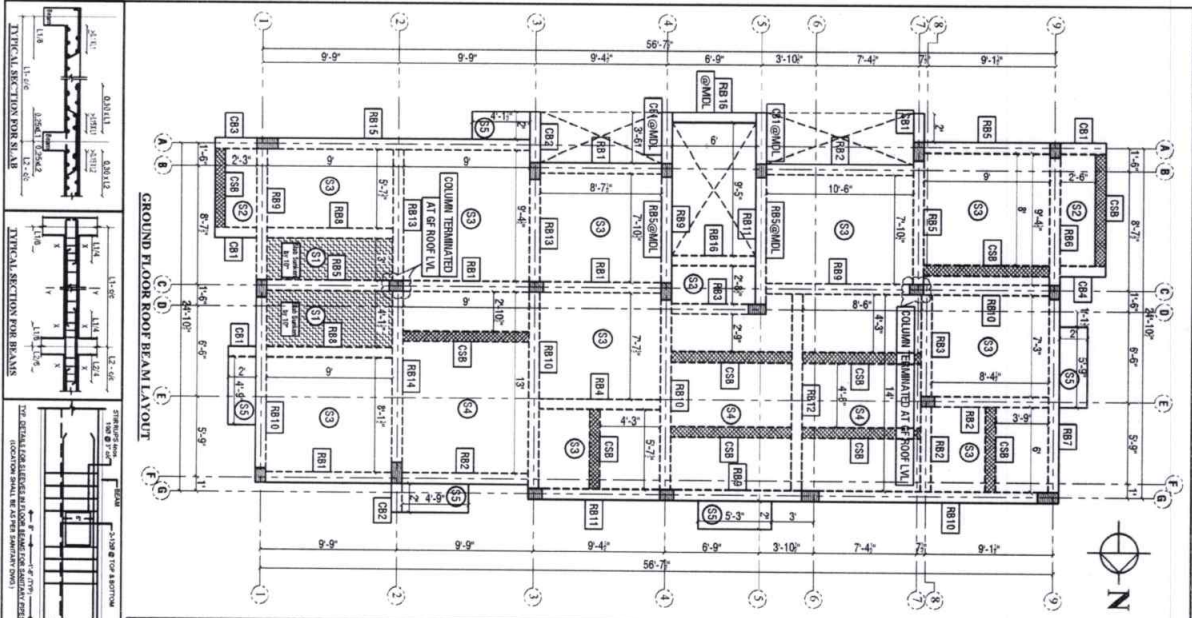
Drawn: **MD**

Checked: **MD**

Design: **MD**

Project: **MD**

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S Beam No	Beam Size	C/S of Left End support	C/S of Mid span	C/S of Right End support
1	RB1 9' x 12"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
2	RB2 9' x 12"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
3	RB3 9' x 12"	2-Y12 -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
4	RB4 9' x 12"	2-Y12 -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
5	RB5 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
6	RB6 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
7	RB7 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
8	RB8 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
9	RB9 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
10	RB10 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
11	RB11 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
12	RB12 9' x 15"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
13	RB13 9' x 18"	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12

S Beam No	Beam Size	C/S of Left End support	C/S of Mid span	C/S of Right End support
14	RB14 9' x 18"	2-Y16 + 2-Y16 (end) • -Y8 @ 6" c/c 2-Y16	2-Y16 -Y8 @ 6" c/c 2-Y16 + 1-Y12 (end) • 2-Y16	2-Y16 + 2-Y16 (end) • -Y8 @ 6" c/c 2-Y16
15	RB15 9' x 18"	2-Y16 + 2-Y16 (end) • -Y8 @ 6" c/c 2-Y16	2-Y16 -Y8 @ 6" c/c 2-Y16 + 1-Y12 (end) • 2-Y16	2-Y16 + 2-Y16 (end) • -Y8 @ 6" c/c 2-Y16
16	RB16 9' x 15"	2-Y12 -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
17	RB17 9' x 15"	2-Y12 -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12
18	RB18 9' x 18"	2-Y16 -Y8 @ 6" c/c 2-Y16	2-Y16 -Y8 @ 6" c/c 2-Y16 + 1-Y12 (end) • 2-Y16	2-Y16 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y16
19	RB19 9' x 18"	2-Y16 -Y8 @ 6" c/c 2-Y16	2-Y16 -Y8 @ 6" c/c 2-Y16 + 1-Y12 (end) • 2-Y16	2-Y16 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y16
20	RB20 9' x 15"	2-Y12 -Y8 @ 6" c/c 2-Y12	2-Y12 -Y8 @ 6" c/c 2-Y12 + 1-Y12 (end) • 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 6" c/c 2-Y12

SLAB DETAIL

- S1 - Y8 @ 6" c/c (4 1/2" Tpk. Slab) - Shorter Span
- Y8 @ 8" c/c - Longer Span- Single mat
- S2 - Y8 @ 8" c/c (4 1/2" Tpk. Slab) - TOP & BOTTOM MAT
- S3 - Y8 @ 8" c/c (4 1/2" Tpk. Slab) - TWO WAY
- S4 - Y8 @ 5" c/c (4 1/2" Tpk. Slab) - Shorter Span
- Y8 @ 8" c/c - Longer Span- Two Way
- S5 - Y8 @ 4" c/c (6" Tpk. Slab) - MAIN REINFORCEMENT
- Y8 @ 6" c/c - DIST REINFORCEMENT- Cantilever Slab

GENERAL NOTES

- The drawing should be read along with the specification and the notes.
- Design of concrete shall be as per IS 456:2000.
- Design of reinforcement shall be as per IS 800:2008.
- Check cover to the main steel.
- Check cover to the distribution steel.
- Check cover to the reinforcement.
- Supports are to be provided to prevent two layers of reinforcement from coming in contact.
- All dimensions are in mm unless otherwise specified.
- Developed length (L_d) for reinforcement bars in compression - 48d, in tension - 36d.

REINFORCEMENT DETAILS

Reinforcement Details: Shows a cross-section of a slab with reinforcement details.

REVISIONS

Rev	Description	Date	Sign
01	GOOD FOR CONSTRUCTION	16.09.23	

APPROVALS

Prepared by: *[Signature]*
 Checked by: *[Signature]*
 Drawn by: *[Signature]*
 Design by: *[Signature]*
 Approved by: *[Signature]*

ANMAGE & PRAJAY (Structural Engineer)

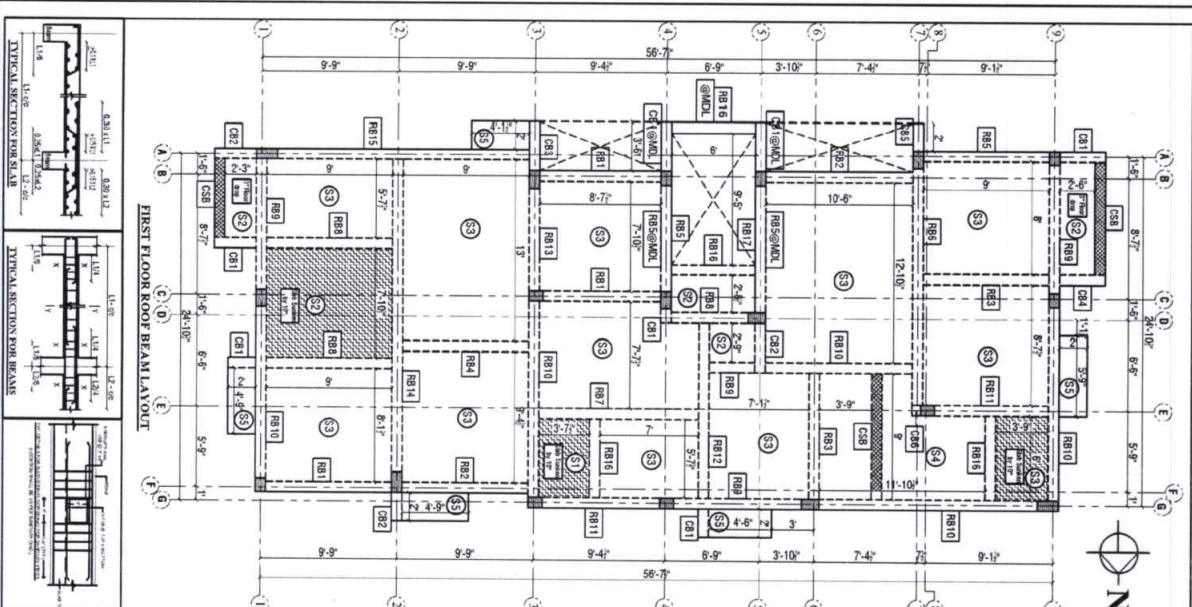
REGISTERED PROFESSIONAL ENGINEER (RPE)

CMDA REG. NO: SE/GR/12022/06/325

GCC REG. NO: RSE101432021

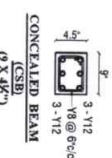
CELL: 97870 72100

magiststructure@gmail.com



ROOF BEAM DETAILS			
S Beam No	Beam Size	C/S of Left End support	C/S of Right End support
1	RB1 9' x 12'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
2	RB2 9' x 12'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
3	RB3 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
4	RB4 9' x 12'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
5	RB5 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
6	RB6 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
7	RB7 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
8	RB8 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
9	RB9 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
10	RB10 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
11	RB11 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
12	RB12 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
13	RB13 9' x 24'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c

ROOF BEAM DETAILS			
S Beam No	Beam Size	C/S of Left End support	C/S of Right End support
14	RB14 9' x 24'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
15	RB15 9' x 24'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
16	RB16 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
17	RB17 9' x 24'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
18	RB18 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
19	RB19 9' x 24'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
20	RB20 9' x 24'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
21	RB21 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
22	RB22 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c
23	RB23 9' x 15'	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c	2-Y12 + 1-Y12 (end) • Y8 @ 8" c/c



SLAB DETAIL	
S1 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - Shorter Span	
S2 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - Longer Span - Single mat	
S3 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - TOP & BOTTOM MAT	
S4 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - Shorter Span	
S5 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - Longer Span - Two Way	
S6 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - MAIN REINFORCEMENT	
S7 - Y8 @ 8" c/c (4 1/2" Thk. Slab) - DIST. REINFORCEMENT - Cantilever Slab	

Rev	Description	Date	By
R01	GOOD FOR CONSTRUCTION	16.09.23	SPN
☐ Advance copy ☒ Good for construction			
GANGA- PLOT 1A 2. RESIDENTIAL APARTMENT AT KUNDRAHUR			
FIRST FLOOR ROOF BEAM LAYOUT AND REINFORCEMENT DETAILS			
	M. N. Magesh Raju & Co. Chartered Engineer Registered Structural Engineer (Grade II)	Drawn Design Checked Approved	BRUNU MAGESH
Sheet 14 of 14 DWG: GNGA-005			

A. N. MAGESH RAJU, M.E. (Structural Engineer)

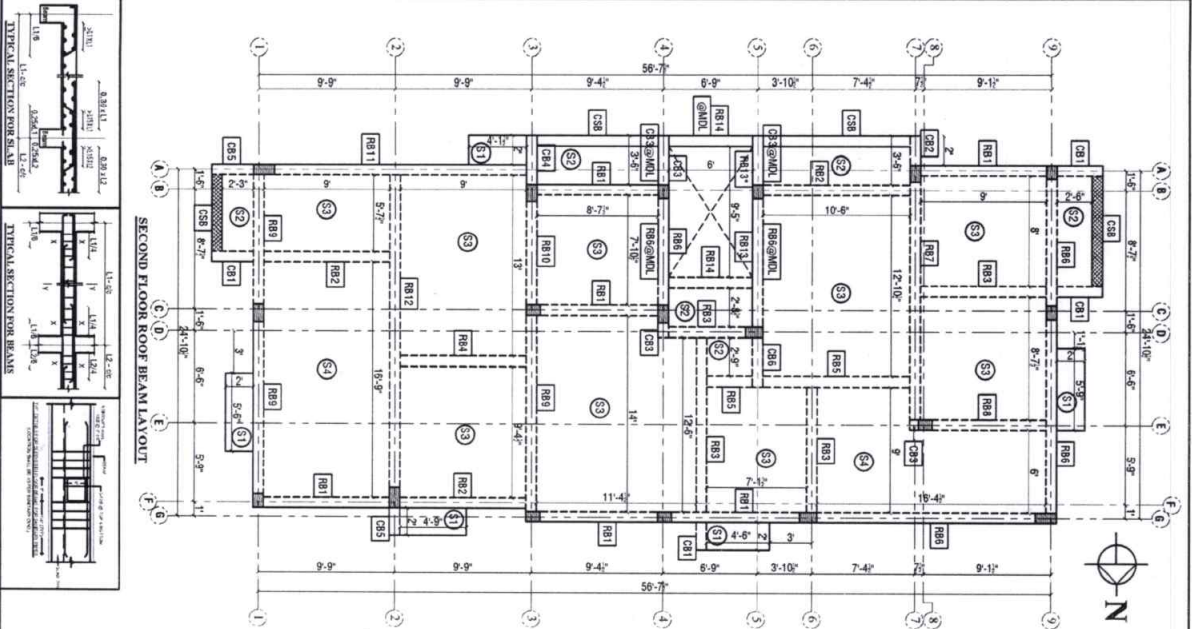
CHDAGCC REGISTERED STRUCTURAL ENGINEER (GRADE II/SE)

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GCC REG. NO: RSE/101432021

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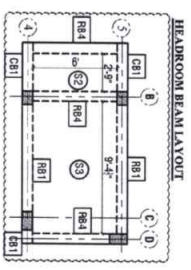
magiststructure@gmail.com



ROOF BEAM DETAILS

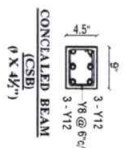
S Beam No	Beam Size	C/S of Left End support	C/S of Mid span	C/S of Right End support
1 RB1 9' x 12'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
2 RB2 9' x 12'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
3 RB3 9' x 12'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
4 RB4 9' x 12'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
5 RB5 9' x 12'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
6 RB6 9' x 15'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
7 RB7 9' x 15'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
8 RB8 9' x 15'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
9 RB9 9' x 15'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
10 RB10 9' x 18'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
11 RB11 9' x 18'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
12 RB12 9' x 18'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
13 RB13 9' x 15'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12
14 RB14 9' x 15'	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 -Y8 @ 8" c/c 1-Y12 (end) •	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12	2-Y12 + 1-Y12 (end) • -Y8 @ 8" c/c 2-Y12

15 CB1 9' x 12'	3-Y12 -Y8 @ 8" c/c 2-Y12
16 CB2 9' x 15'	5-Y12 -Y8 @ 8" c/c 3-Y12
17 CB3 9' x 15'	3-Y12 -Y8 @ 8" c/c 2-Y12
18 CB4 9' x 18'	3-Y16 -Y8 @ 8" c/c 2-Y16
22 CB5 9' x 18'	2-Y16 + 2-Y12 -Y8 @ 8" c/c 2-Y16
23 CB6 9' x 15'	4-Y16 -Y8 @ 8" c/c 2-Y16



SLAB DETAIL

S1 - Y8 @ 8" c/c (1/2" Thk. Slab) - MAIN REINFORCEMENT
 S2 - Y8 @ 8" c/c (1/2" Thk. Slab) - TOP & BOTTOM MAT
 S3 - Y8 @ 8" c/c (1/2" Thk. Slab) - TWO WAY
 S4 - Y8 @ 8" c/c (1/2" Thk. Slab) - Single Span
 - Y8 @ 8" c/c - Longer Span - Two Way



Rev	Description	Date	Sign
R0	GOOD FOR CONSTRUCTION	16.02.23	

REVISIONS

☐ Advance copy ☒ Good for construction

GANGA - PLOT 1 & 2 - RESIDENTIAL APARTMENT AT KUNDRAITHUR

SECOND FLOOR ROOF BEAM LAYOUT AND REINFORCEMENT DETAILS

Drawn: **BRUNU**
 Checked: **MAGESH**
 Date: **16.02.23**

Scale: **A4** DWG No: **DWG-CONC-006**

A.N.MAGESH RAO, M.E., (Structural Engineer)
 CMDACC REGISTERED STRUCTURAL ENGINEER GRADE-(RSE)
 CMDA REG.NO:SE/GR-1/2022/06/325
 GCC REG.NO:RSE101432021
 CELL:97870 72100



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