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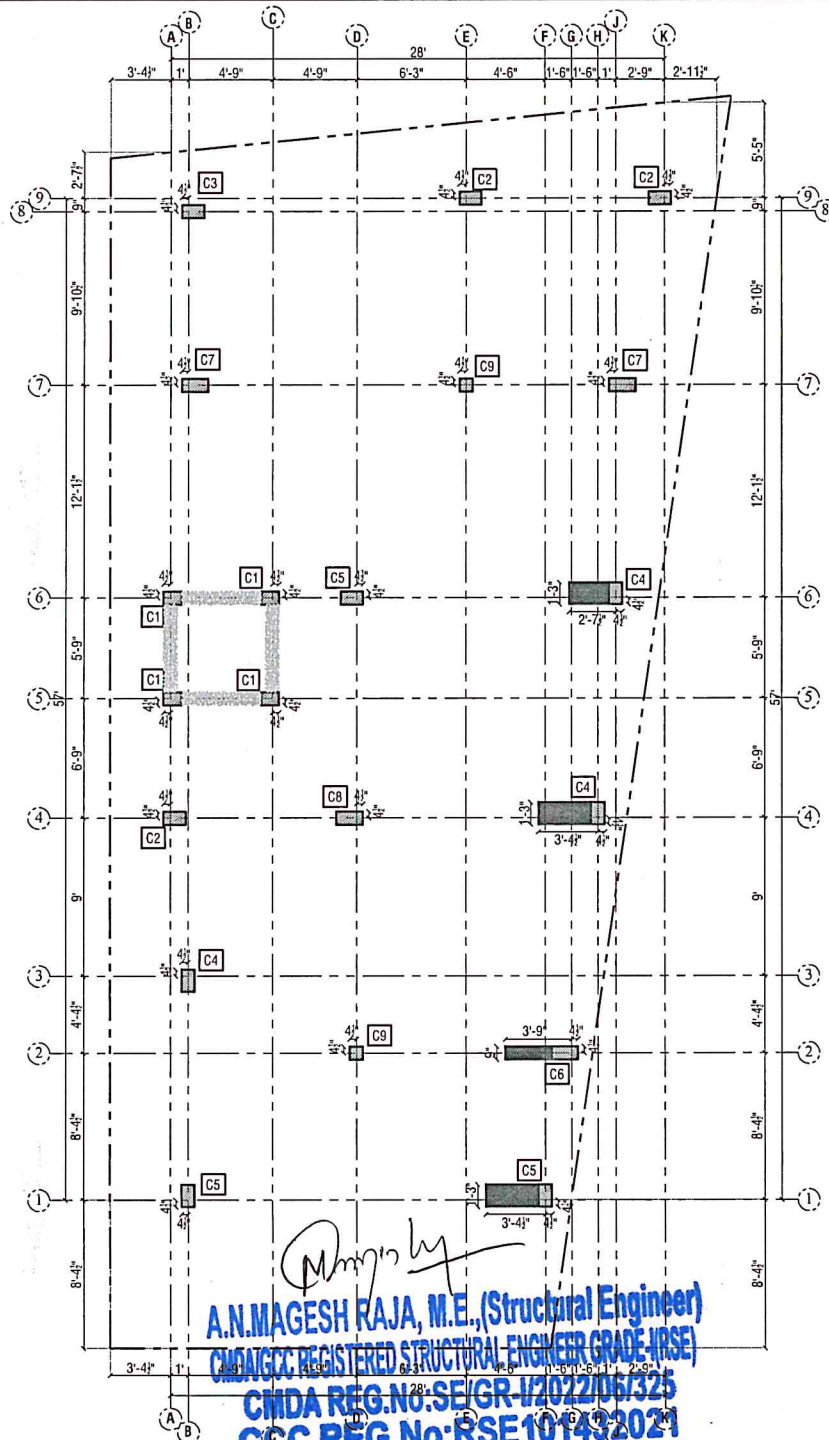
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Official Property Record

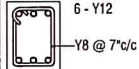
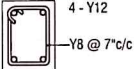
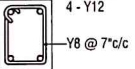
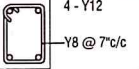
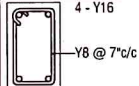
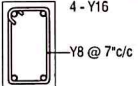
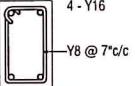
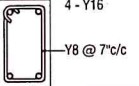
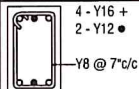
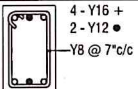
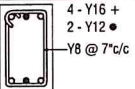
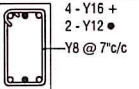
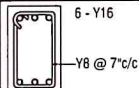
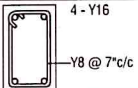
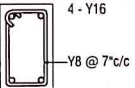
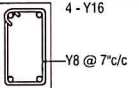
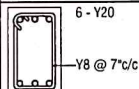
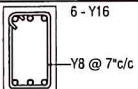
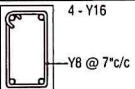
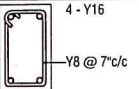
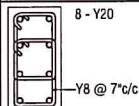
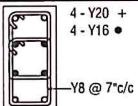
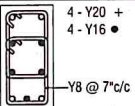
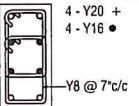
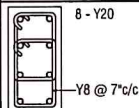
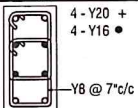
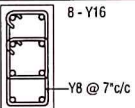
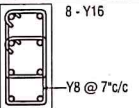
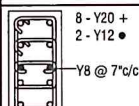
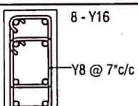
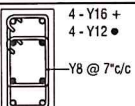
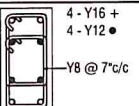
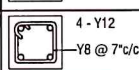
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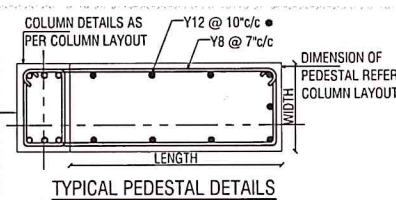


A.N.MAGESH RAJA, M.E., (Structural Engineer)
 CHDA REG. NO. SE/GR/2022/06/325
 GCC REG. NO. RSE101432021
 CELL - 97870 72100

RCC COLUMN DETAIL

S No	Column No	Column Size	Column Reinforcement from Foundation to GF Roof Slab	Column Reinforcement from GF roof to FF Roof Slab	Column Reinforcement from FF roof to SF Roof Slab	Column Reinforcement from SF roof to TF Roof Slab	No. of columns	Ties
1	C1	9" x 12"	 6 - Y12 Y8 @ 7" c/c	 4 - Y12 Y8 @ 7" c/c	 4 - Y12 Y8 @ 7" c/c	 4 - Y12 Y8 @ 7" c/c	4	
2	C2	9" x 15"	 4 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	3	
3	C3	9" x 15"	 4 - Y16 + 2 - Y12 ● Y8 @ 7" c/c	 4 - Y16 + 2 - Y12 ● Y8 @ 7" c/c	 4 - Y16 + 2 - Y12 ● Y8 @ 7" c/c	 4 - Y16 + 2 - Y12 ● Y8 @ 7" c/c	1	
4	C4	9" x 15"	 6 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	3	
5	C5	9" x 15"	 6 - Y20 Y8 @ 7" c/c	 6 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	 4 - Y16 Y8 @ 7" c/c	3	
6	C6	9" x 18"	 8 - Y20 Y8 @ 7" c/c	 4 - Y20 + 4 - Y16 ● Y8 @ 7" c/c	 4 - Y20 + 4 - Y16 ● Y8 @ 7" c/c	 4 - Y20 + 4 - Y16 ● Y8 @ 7" c/c	1	
7	C7	9" x 18"	 8 - Y20 Y8 @ 7" c/c	 4 - Y20 + 4 - Y16 ● Y8 @ 7" c/c	 8 - Y16 Y8 @ 7" c/c	 8 - Y16 Y8 @ 7" c/c	2	
8	C8	9" x 18"	 8 - Y20 + 2 - Y12 ● Y8 @ 7" c/c	 8 - Y16 Y8 @ 7" c/c	 4 - Y16 + 4 - Y12 ● Y8 @ 7" c/c	 4 - Y16 + 4 - Y12 ● Y8 @ 7" c/c	1	
9	C9	9" x 9"	 4 - Y12 Y8 @ 7" c/c	TERMINATE @ PLINTH BEAM LEVEL			2	
TOTAL NO. OF COLUMNS							20	

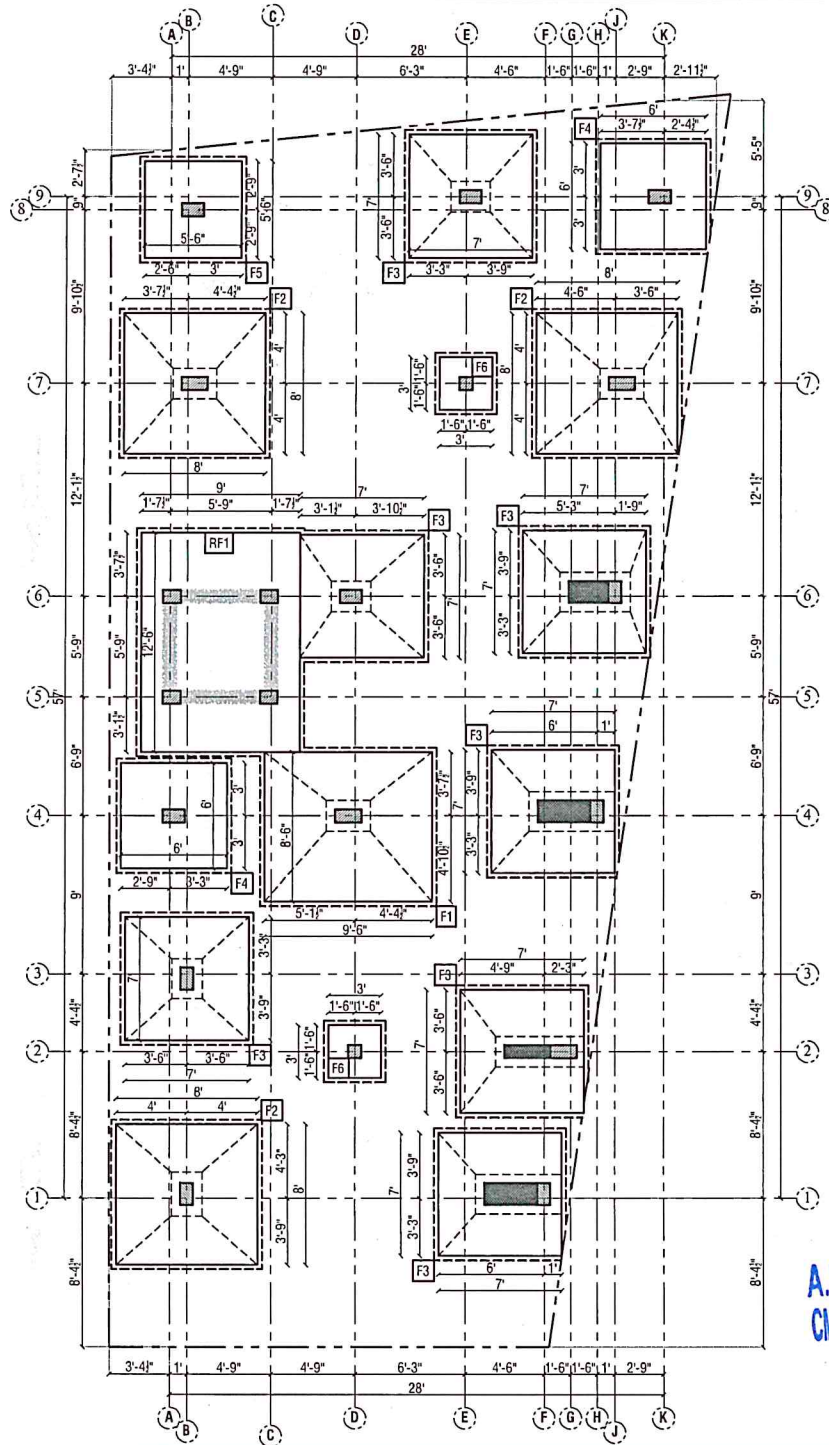
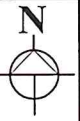
Notes: Terminate Pedestal @ plinth lvl



GENERAL NOTES

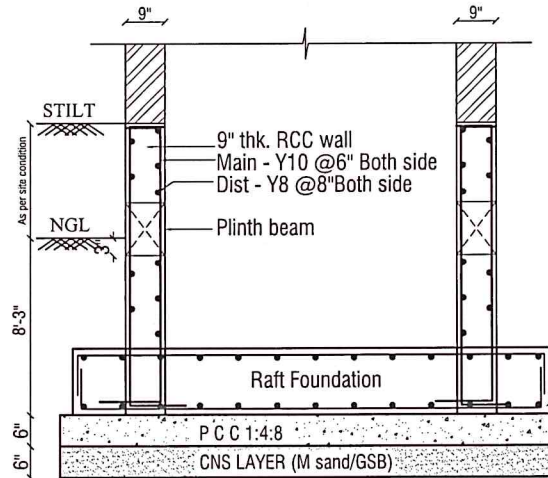
- This drawing should be read along with architectural drawings.
- Grade of concrete shall be (M20 GR) design mix conforming to IS 456:2000.
- Y Denotes for S50 steel conforming to IS 1786 - 1986, grade - Fe550.
- Safe bearing capacity of soil : 130kN/m².
- Clear cover to the main steel (a) Column - 1 1/2", (b) Footing - 2".
- Lap length : 50D, at column lapping provide 5" spacing ties, no lapping at Beam column joint.
- Not more than 40% of reinforcement shall be lapped at any particular junction.
- Designed for S+3 only.
- Excavate upto hard strata.
- All dimensions are in feet and inches.
- Development length (Ld) for reinforcement bars in compression - 45D, in tension - 60D

R1	REVISED FOR AAC BLOCK LOAD	22.06.24	
R0	GOOD FOR CONSTRUCTION	07.06.24	
Ref.	Description	Date	Sign
REVISIONS			
☐ Advance copy ☒ Good for construction			
ORCHID - PLOT NO:- 12 RESIDENTIAL APARTMENT AT GREEN BAY MOONDRAKATALAI			
COLUMN LAYOUT AND REINFORCEMENT DETAILS			
		Plot No.3, Tannery Street, Somaudaram Nagar, Pallavaram, Chennai - 600 042	Drawn Design & Checked BINDHU MAGESH
Size	A4	DWG No	DWG-ORCHID-001

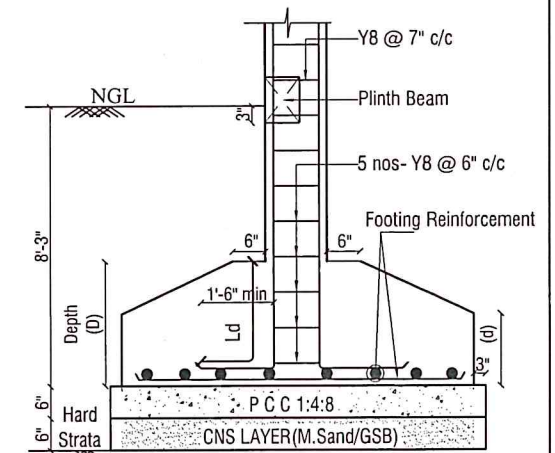


RCC FOOTING DETAIL

Footing No	Footing Size	Footing Depth		Footing Reinforcement		No. OF FOOTING
		D	d	Bottom Mat	Top Mat	
F1	9'6" x 8'6"	24"	15"	Y12 @ 6" c/c BOTH WAYS	--	1
F2	8'0" x 8'0"	24"	15"	Y12 @ 6" c/c BOTH WAYS	--	3
F3	7'0" x 7'0"	21"	12"	Y12 @ 6" c/c BOTH WAYS	--	7
F4	6'0" x 6'0"	15"	15"	Y10 @ 5" c/c BOTH WAYS	--	2
F5	5'6" x 5'6"	15"	15"	Y10 @ 5" c/c BOTH WAYS	--	1
F6	3'0" x 3'0"	8"	8"	Y8 @ 6" c/c BOTH WAYS	--	2
RF1	12'6" x 9'0"	18"		Y12 @ 6" c/c BOTH WAYS	Y10 @ 6" c/c BOTH WAYS	1



TYPICAL SECTION FOR LIFT WELL RCC WALL



TYPICAL SECTION FOR TAPERED FOOTING

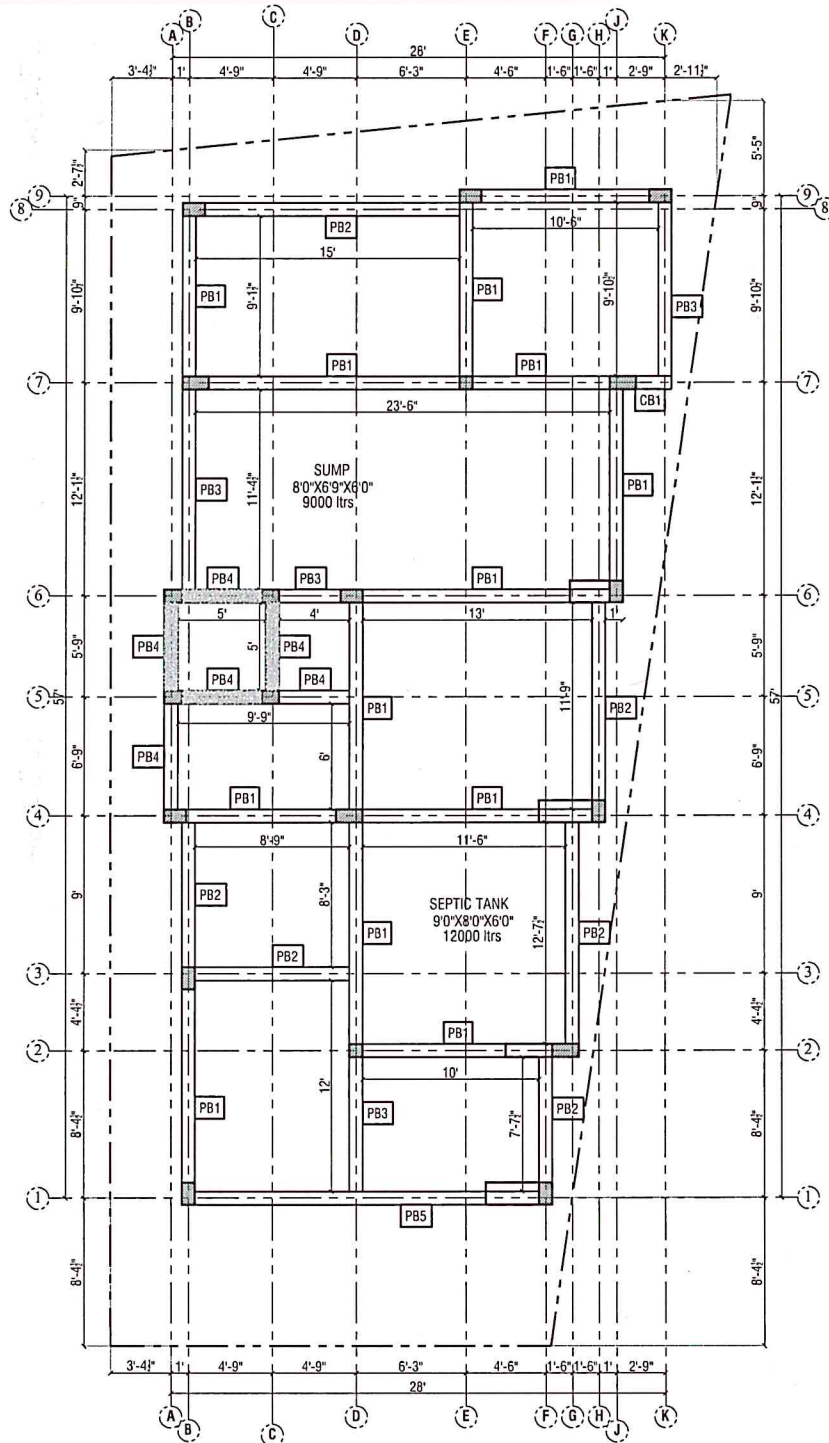
Amesky
A.N.MAGESH RAJA, M.E., (Structural Engineer)
CMDA/GCC REGISTERED STRUCTURAL ENGINEER GRADE-III/SE
CMDA REG.No:SE/GR-I/2022/06/325
GCC REG.No:RSE101432021
CELL:97870 72100
magistrucre@gmail.com

Notes: Terminate Pedestal @ plinth lvl

GENERAL NOTES

- This drawing should be read along with architectural drawings.
- Grade of concrete shall be (M20 GR) design mix conforming to IS:456-2000.
- Y Denotes for S50 steel conforming to IS:1786 - 1986, grade - Fe550.
- Safe bearing capacity of soil : 130kN/m².
- Clear cover to the main steel
(a) Column - 1 1/2", (b) Footing - 2".
- Lap length: 50d, at column lapping provide 5" spacing ties, no lapping at Beam column joint.
- Not more than 40% of reinforcement shall be lapped at any particular junction.
- Designed for S+3 only.
- Excavate upto hard strata.
- All dimensions are in feet and inches.
- Development length (Ld) for reinforcement bars in compression - 45d, in tension - 60d

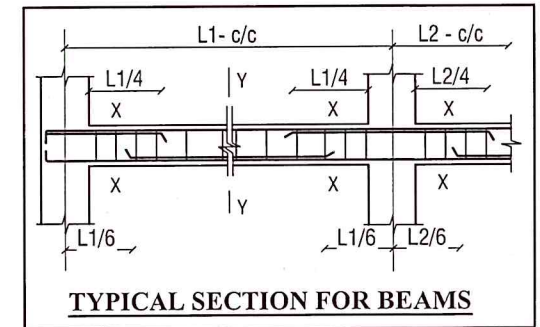
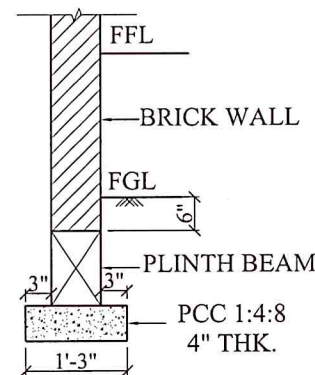
R1	REVISED FOR AAC BLOCK LOAD	22.06.24	
R0	GOOD FOR CONSTRUCTION	07.06.24	
Ref.	Description	Date	Sign
REVISIONS			
☐ Advance copy	☒ Good for construction		
ORCHID - PLOT NO:- 12 RESIDENTIAL APARTMENT AT GREEN BAY MOONDRAKATALAI			
FOUNDATION LAYOUT AND REINFORCEMENT DETAILS			
		Drawn Design & Checked	BINDHU MAGESH
Size	A4	DWG No	DWG-ORCHID-002



PLINTH BEAM DETAILS

S No	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 @ 6" c/c 2 - Y12	2 - Y12 Y8 @ 8" c/c 2 - Y12 + 1 - Y12 (ext) •	2 - Y12 + 1 - Y12 (ext) • Y8 @ 6" c/c 2 - Y12
2	PB2	9" x 15"	2 - Y12 + 1 - Y12 (ext) • Y8 @ 6" c/c 2 - Y12	2 - Y12 Y8 @ 8" c/c 2 - Y12 + 1 - Y12 (ext) •	2 - Y12 Y8 @ 6" c/c 2 - Y12
3	PB3	9" x 15"	2 - Y12 Y8 @ 6" c/c 2 - Y12	2 - Y12 Y8 @ 8" c/c 2 - Y12 + 1 - Y12 (ext) •	2 - Y12 + 1 - Y12 (ext) • Y8 @ 6" c/c 2 - Y12
4	PB4	9" x 15"	2 - Y12 Y8 @ 6" c/c 2 - Y12	2 - Y12 Y8 @ 8" c/c 2 - Y12	2 - Y12 Y8 @ 6" c/c 2 - Y12
5	PB5	9" x 15"	2 - Y16 Y8 @ 6" c/c 2 - Y16	2 - Y16 Y8 @ 8" c/c 2 - Y16 + 1 - Y16 (ext) •	2 - Y16 Y8 @ 6" c/c 2 - Y16
6	CB1	9" x 15"	3 - Y12 Y8 @ 6" c/c 2 - Y12		

Notes: Terminate Pedestal @ plinth lvl

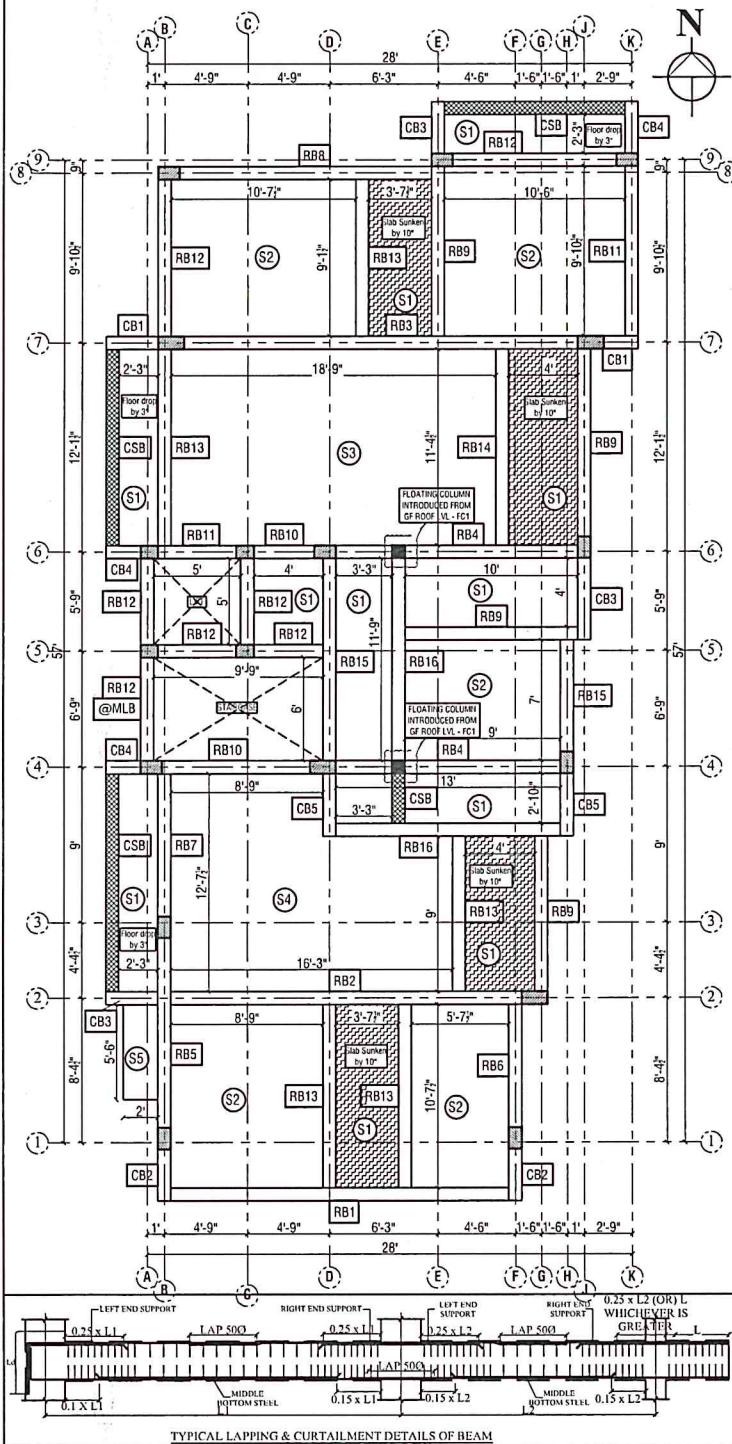


GENERAL NOTES

- This drawing should be read along with architectural drawings.
- Grade of concrete shall be (M20 GR) design mix conforming to IS:456-2000.
- Y Denotes for 550 steel conforming to IS:1786 - 1986, grade - Fe550.
- Safe bearing capacity of soil : 130kN/m².
- Clear cover to the main steel
- (a) Column - 1 1/2", (b) Footing - 2".
- Lap length : 50D, at column lapping provide 5" spacing ties, no lapping at Beam column joint.
- Not more than 40% of reinforcement shall be lapped at any particular junction.
- Designed for S+3 only.
- Excavate upto hard strata.
- All dimensions are in feet and inches.
- Development length (Ld) for reinforcement bars in compression - 45D, in tension - 60D

RO	GOOD FOR CONSTRUCTION	07.06.24	
Ref.	Description	Date	Sign
REVISIONS			
☐	Advance copy	☒	Good for construction
ORCHID - PLOT NO:- 12 RESIDENTIAL APARTMENT AT GREEN BAY MOONDRAKATALAI			
PLINTH BEAM LAYOUT AND REINFORCEMENT DETAILS			
		Drawn LEKSHMI Design & Checked MAGESH	
Size	A4	DWG No	DWG-PLOT : 12 -003

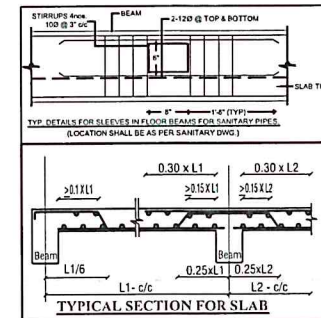
A.N.MAGESH RAJA, M.E., (Structural Engg)
CMDA/GCC REGISTERED STRUCTURAL ENGINEER GRADE-I
CMDA REG.No:SE/GR-I/2022/06/3
GCC REG.No:RSE1014320
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ROOF BEAM DETAILS

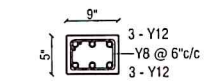
S No	Beam No	Beam Size	C/S of Left End support	C/S of Mid span	C/S of Right End support
1	RB1	9" x 21"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y10 @ 6" c/c	2 - Y16 Y8 @ 6" c/c
2	RB2	9" x 21"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6" c/c
3	RB3	9" x 21"	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6" c/c
4	RB4	9" x 21"	2 - Y16 + 2 - Y20 (ext) ● Y10 @ 4" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
5	RB5	9" x 21"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 + 1 - Y20 (ext) ● Y10 @ 4" c/c
6	RB6	9" x 21"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
7	RB7	9" x 15"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
8	RB8	9" x 15"	2 - Y16 + 1 - Y16 (ext) ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
9	RB9	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
10	RB10	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6" c/c
11	RB11	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
12	RB12	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c

13	RB13	9" x 15"	2 - Y12 Y8 @ 6" c/c	2 - Y12 Y8 @ 8" c/c	2 - Y12 Y8 @ 6" c/c
14	RB14	9" x 15"	2 - Y12 Y8 @ 6" c/c	2 - Y12 Y8 @ 8" c/c	2 - Y12 Y8 @ 6" c/c
15	RB15	9" x 15"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
16	RB16	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
17	CB1	9" x 21"	2 - Y16 + 2 - Y20 ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
18	CB2	9" x 21"	2 - Y16 + 1 - Y20 ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
19	CB3	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
20	CB4	9" x 15"	2 - Y16 Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c
21	CB5	9" x 15"	2 - Y16 + 1 - Y20 ● Y8 @ 6" c/c	2 - Y16 Y8 @ 8" c/c	2 - Y16 Y8 @ 6" c/c



FLOATING COLUMN DETAILS

FC1	9" x 9"	4 - Y16 Y8 @ 6" c/c
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SLAB DETAIL

S1	Y8 @ 8" c/c (5" Thk. Slab) - TOP & BOTTOM MAT
S2	Y8 @ 8" c/c (5" Thk. Slab) - TWO WAY
S3	Y8 @ 5" c/c (5" Thk. Slab) - Shorter Span
Y8	8" c/c - Longer Span- TWO WAY
S4	Y10 @ 5" c/c (5" Thk. Slab) - Shorter Span
Y8	6" c/c - Longer Span- TWO WAY
S5	Y8 @ 6" c/c (5" Thk. Slab) - DOUBLE MAT
	Can'tilever slab

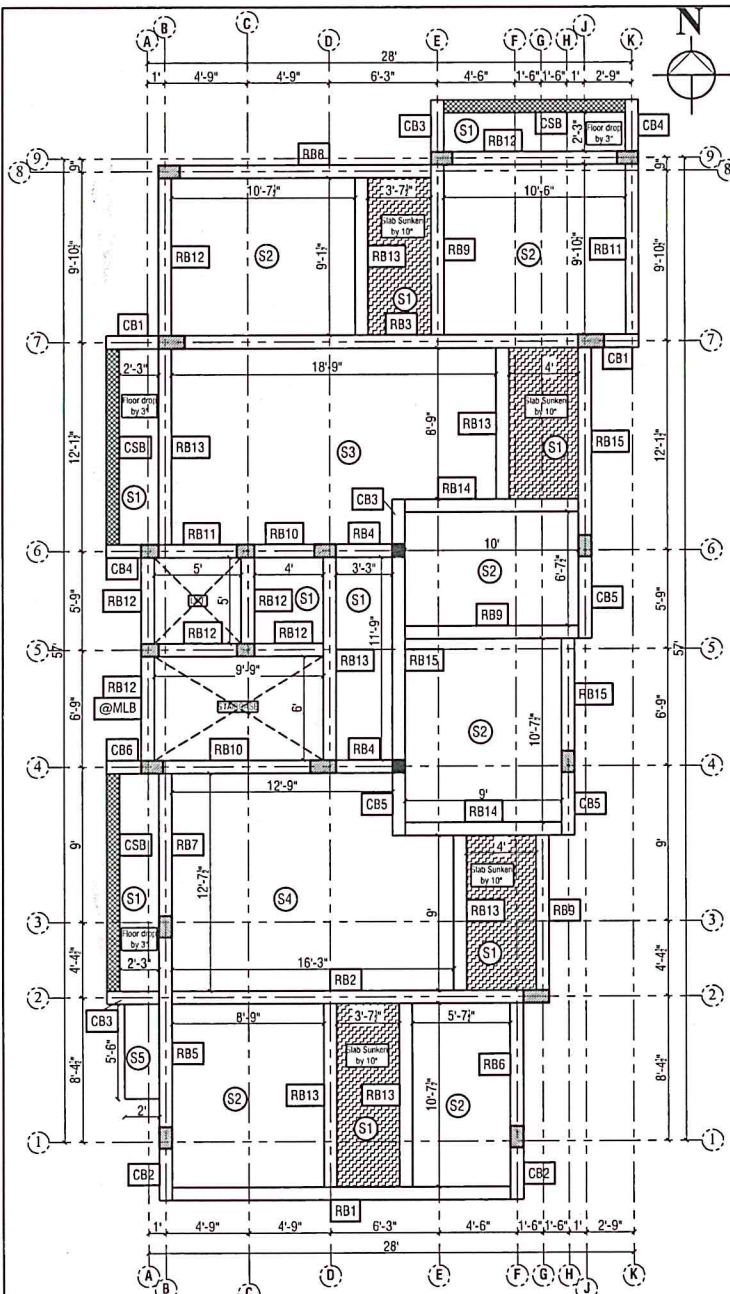
GENERAL NOTES

- This drawing should be read along with architectural drawings.
- Grade of concrete shall be (M20 GR) design mix conforming to IS.456-2000.
- Y Denotes for 550 steel conforming to IS.1786 1986, grade - Fe550.
- Clear cover to the main steel, (a). Beam - 1", (b). Slab-3".
- Lap length shall be 50d (max dia.) for all bars.
- Not more than 40% of reinforcement shall be lapped at any particular junction.
- Spacer bar to be provided in between two layers of reinforcement of same dia at every 1000 c/c.
- All dimensions are in feet and inches.
- Development length (Ld) for reinforcement bars in compression - 45d, in tension - 60d

ANAND K. S. (Structural Engineer)
REGISTERED PROFESSIONAL ENGINEER (RSE)
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GOVT REG No: RSE/101432021
MOONDRAMKATTA
STILT FLOOR ROOF BEAM LAYOUT AND DETAILS
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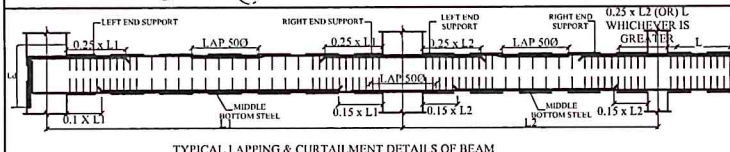
Revised for A4
 Date: 25.06.24
 Drawn: LEKSHMI
 Design & Checked: MAGESH

Size: A4 DWG No: DWG-ORCHID-004



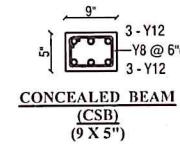
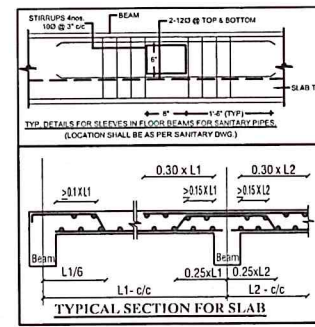
ROOF BEAM DETAILS

S No	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 21"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y10 @ 6"/c/c	2 - Y16 Y8 @ 6"/c/c
2	RB2	9" x 21"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6"/c/c
3	RB3	9" x 21"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6"/c/c
4	RB4	9" x 18"	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
5	RB5	9" x 21"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 + 1 - Y20 (ext) ● Y10 @ 4"/c/c
6	RB6	9" x 21"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
7	RB7	9" x 15"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
8	RB8	9" x 15"	2 - Y16 + 1 - Y16 (ext) ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
9	RB9	9" x 15"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
10	RB10	9" x 18"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 + 2 - Y20 (ext) ● Y8 @ 6"/c/c
11	RB11	9" x 15"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
12	RB12	9" x 15"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c



13	RB13	9" x 15"	2 - Y12 Y8 @ 6"/c/c	2 - Y12 Y8 @ 8"/c/c	2 - Y12 Y8 @ 6"/c/c
14	RB14	9" x 15"	2 - Y12 Y8 @ 6"/c/c	2 - Y12 Y8 @ 8"/c/c	2 - Y12 Y8 @ 6"/c/c
15	RB15	9" x 15"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
16	CB1	9" x 21"	2 - Y16 + 2 - Y20 ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
17	CB2	9" x 21"	2 - Y16 + 1 - Y20 ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
18	CB3	9" x 15"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
19	CB4	9" x 15"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
20	CB5	9" x 15"	2 - Y16 + 1 - Y20 ● Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c
21	CB6	9" x 18"	2 - Y16 Y8 @ 6"/c/c	2 - Y16 Y8 @ 8"/c/c	2 - Y16 Y8 @ 6"/c/c

SLAB DETAIL	
S1	Y8 @ 8"/c/c (5" Thk. Slab) - TOP & BOTTOM MAT
S2	Y8 @ 8"/c/c (5" Thk. Slab) - TWO WAY
S3	Y8 @ 5"/c/c (5" Thk. Slab) - Shorter Span
S4	Y8 @ 8"/c/c - Longer Span- TWO WAY
S5	Y10 @ 5"/c/c (5" Thk. Slab) - Shorter Span
S6	Y8 @ 6"/c/c - Longer Span- TWO WAY
S7	Y8 @ 6"/c/c (5" Thk. Slab) - DOUBLE MAT
S8	Y8 @ 6"/c/c (5" Thk. Slab) - Cantilever slab



- GENERAL NOTES**
- This drawing should be read along with architectural drawings.
 - Grade of concrete shall be (M20 GR) design mix conforming to IS 456-2000.
 - Y Denotes for S50 steel conforming to IS 1786 - 1986, grade - Fe550.
 - Clear cover to the main steel.
 - (a). Beam - 1", (b). Slab-3".
 - Lap length shall be 50d (max dia) for all bars.
 - Not more than 40% of reinforcement shall be lapped at any particular junction.
 - Spacer bar to be provided in between two layers of reinforcement of same dia at every 1000 c/c.
 - All dimensions are in feet and inches.
 - Development length (Ld) for reinforcement bars in compression - 45d, in tension - 60d

ORCHID PLOT NO. 12
RESIDENTIAL APARTMENT AT MOONDRUG TALAI

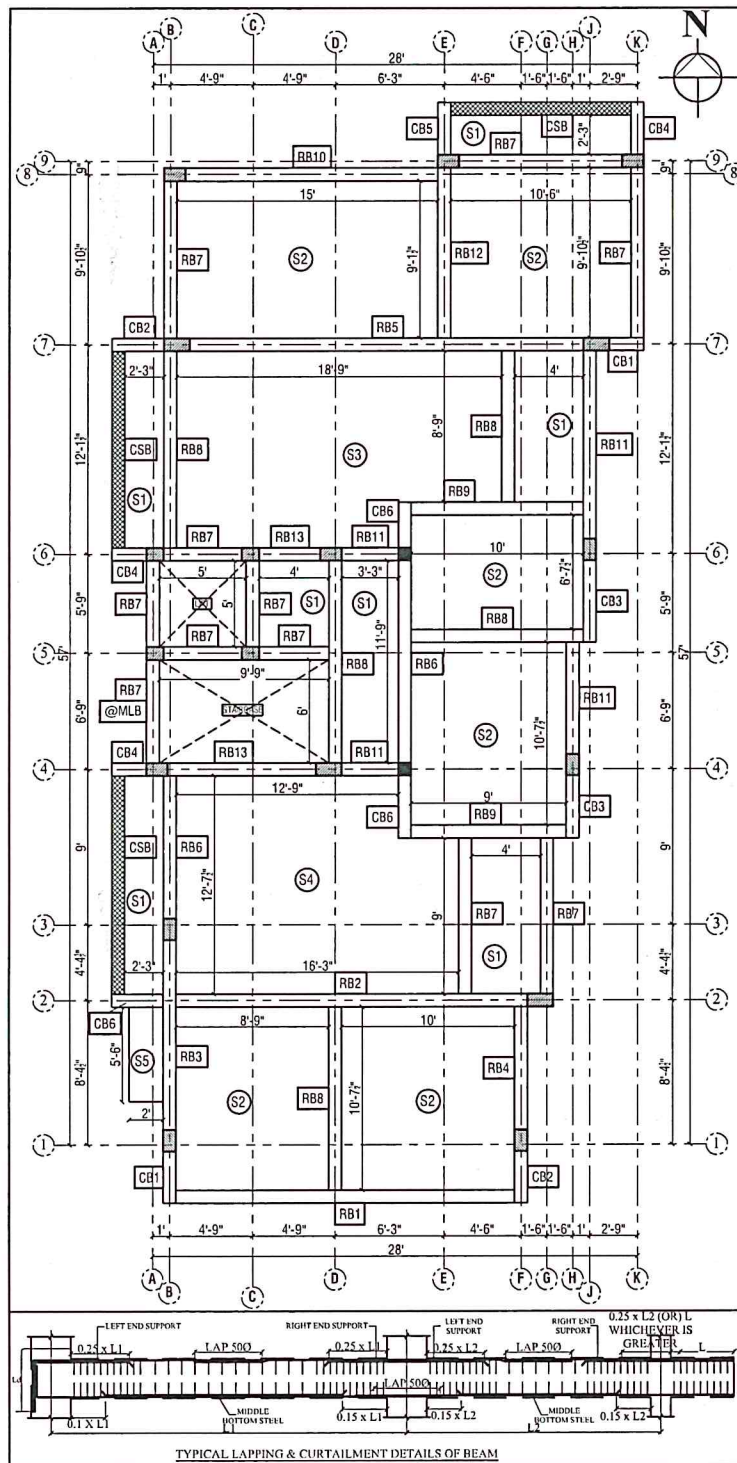
FIRST & SECOND FLOOR ROOF BEAM LAYOUT AND DETAILS

Developers Plot No. 3, Tanay Street, Sonnandaram Nagar, Palavaram, Chennai - 600 045

Drawn LEKSHMI
Design & Checked MAGESH

Size A4 DWG No DWG-ORCHID-005

A.N. MAGESH RAJA, M.E., (Structural Engineer)
CHINA REGISTERED STRUCTURAL ENGINEER (GRADE - II)
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SEC. REG. NO. SE/101432021
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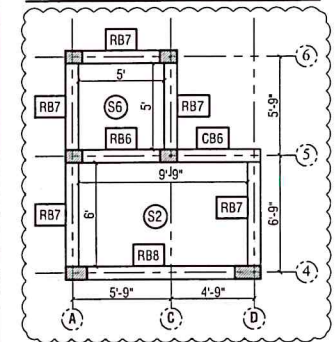


ROOF BEAM DETAILS

S No	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 21"	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 8"c/c	2 - Y16 Y8 @ 6"c/c
2	RB2	9" x 21"	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 8"c/c	2 - Y16 Y8 @ 6"c/c
3	RB3	9" x 21"	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6"c/c	2 - Y16 Y8 @ 8"c/c	2 - Y16 Y10 @ 6"c/c
4	RB4	9" x 21"	2 - Y16 + 1 - Y16 (ext) ● Y8 @ 6"c/c	2 - Y16 Y8 @ 8"c/c	2 - Y16 Y8 @ 6"c/c
5	RB5	9" x 21"	2 - Y16 + 1 - Y16 (ext) ● Y8 @ 6"c/c	2 - Y16 Y8 @ 8"c/c	2 - Y16 + 1 - Y20 (ext) ● Y8 @ 6"c/c
6	RB6	9" x 15"	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 8"c/c	2 - Y16 Y8 @ 6"c/c
7	RB7	9" x 15"	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 8"c/c	2 - Y12 Y8 @ 6"c/c
8	RB8	9" x 15"	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 8"c/c	2 - Y12 Y8 @ 6"c/c
9	RB9	9" x 15"	2 - Y12 Y8 @ 6"c/c	2 - Y12 2 - Y12 + 1 - Y16 (ext) ●	2 - Y12 Y8 @ 6"c/c
10	RB10	9" x 15"	2 - Y12 + 1 - Y12 (ext) ● Y8 @ 6"c/c	2 - Y12 Y8 @ 8"c/c	2 - Y12 Y8 @ 6"c/c
11	RB11	9" x 15"	2 - Y12 + 1 - Y12 (ext) ● Y8 @ 6"c/c	2 - Y12 Y8 @ 8"c/c	2 - Y12 Y8 @ 6"c/c
12	RB12	9" x 15"	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 8"c/c	2 - Y12 + 1 - Y12 (ext) ● Y8 @ 6"c/c

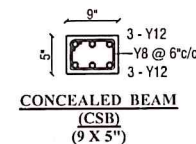
13	RB13	9" x 15"	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 8"c/c	2 - Y12 + 1 - Y20 (ext) ● Y8 @ 6"c/c
16	CB1	9" x 21"	2 - Y16 + 1 - Y20 ● Y8 @ 6"c/c	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 6"c/c
17	CB2	9" x 21"	3 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 6"c/c
18	CB3	9" x 15"	2 - Y12 + 1 - Y20 ● Y8 @ 6"c/c	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 6"c/c
19	CB4	9" x 15"	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 6"c/c
20	CB5	9" x 15"	3 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 6"c/c	2 - Y12 Y8 @ 6"c/c
21	CB6	9" x 15"	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 6"c/c	2 - Y16 Y8 @ 6"c/c

HEADROOM BEAM LAYOUT

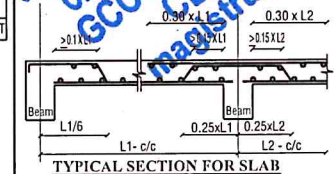


SLAB DETAIL

S1 - Y8 @ 8"c/c (5" Thk. Slab) - TOP & BOTTOM MAT
S2 - Y8 @ 8"c/c (5" Thk. Slab) - TWO WAY
S3 - Y8 @ 5"c/c (5" Thk. Slab) - Shorter Span
- Y8 @ 8"c/c - Longer Span- TWO WAY
S4 - Y10 @ 5"c/c (5" Thk. Slab) - Shorter Span
- Y8 @ 6"c/c - Longer Span- TWO WAY
S5 - Y8 @ 6"c/c (5" Thk. Slab) - DOUBLE MAT
Can'tilever slab
S6 - Y10 @ 6"c/c (6" Thk. Slab) - TOP & BOTTOM MAT



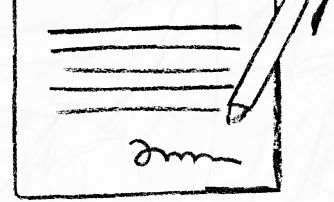
CONCEALED BEAM (CSB) (9 X 5")



R0	GOOD FOR CONSTRUCTION	25.06.24	
Ref.	Description	Date	Sign
R E V I S I O N S			
☐ Advance copy		☒ Good for construction	
ORCHID PLOT NO:- 12			
RESIDENTIAL APARTMENT AT			
MOONDRAKMLALAI			
THIRD FLOOR ROOF BEAM LAYOUT AND DETAILS			
 Plot No.3, Tannery Street, Somasundaram Nagar, Palavaram, Chennai - 600 043		Drawn	LEKSHMI
		Design & Checked	MAGESH
Size	A4	DWG No	DWG-ORCHID - 006

GENERAL NOTES

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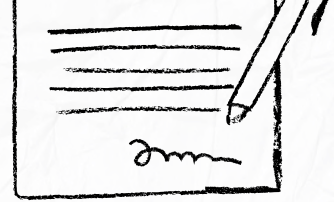
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