Verified RealEstate™

RE REGULATORY RECORD

RERA Document

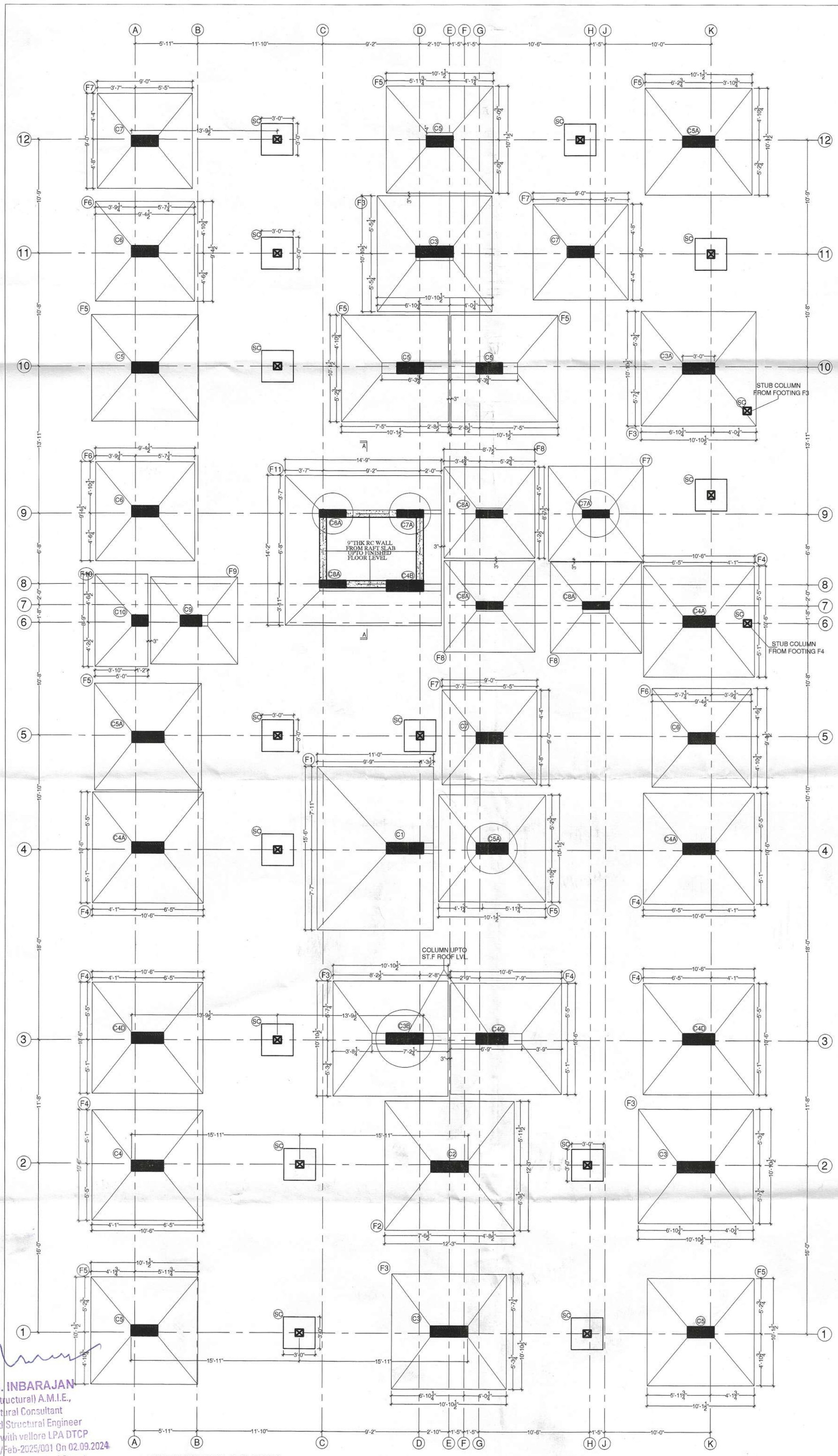
The document as the regulator published it, reproduced in full behind this page.

Published for reference. The authority's own register is the operative record.

Verified RealEstate™
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India

hello@verified.realestate
+91 9996 12 9996
verified.realestate

DIGITALLY VERIFIED RECORD



IMPORTANT NOTE FOR READY MIX CONCRETE (RMC) :-

1. FOR M25 GRADE CONCRETE PROVIDE 340 KG CEMENT PER CUBIC METER OF READY MIX CONCRETE.
2. THE TIME DURATION OF READY MIX CONCRETE SHALL BE AT THE MAXIMUM OF 90 MINUTES TO 100 MINUTES FOR THE BEST STRENGTH RESULT OF CONCRETE.
3. TIME DURATION INCLUDES FROM THE TIME OF WATER ADDING IN THE BATCHING PLANT (i.e) TIME OF LORRY DEPARTURE FROM PLANT, TRAVEL TIME, PUMP CONNECTING TIME , PUMPING AND LAYING OF CONCRETE ON FORM WORK.
4. AFTER 60 MINUTES TO 90 MINUTES ON LAYING OF CONCRETE SOME HAIRLINE / MINOR SHRINKAGE CRACKS WILL DEVELOP ON THE TOP SURFACE OF THE CONCRETE. TO RECTIFY THIS, POUR THICK CEMENT SLURRY, FILL IT AND PACK IT WITH BROOM.
5. THE CONCRETE TOP SURFACE SHOULD BE SPRAYED WITH WATER TO START CURING AFTER 120 MINUTES TO 150 MINUTES FROM THE TIME OF CONCRETE LAYING.
6. START CURING WITH STORING WATER ON TOP OF CONCRETE AFTER 240 MINUTES TO 300 MINUTES FROM THE TIME OF CONCRETE LAYING.

IMPORTANT NOTE :-

1. CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERIFYING ALL FABRICATION OF REINFORCEMENT BAR DONE FOR VARIOUS MEMBERS, (Via) BEAMS, SLABS, COLUMNS, FOOTINGS, ETC. AND SHOULD BE CHECKED AS PER THE STRUCTURAL LATEST REVISION DRAWINGS FOR FABRICATION OF REINFORCEMENT BAR.
2. CONCRETE SHOULD BE DONE MONOLITHICALLY FOR CANTILEVER SLABS AND BEAMS. CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / SITE IN-CHARGE ENGINEER.

IMPORTANT NOTE FOR M-SAND :-

SAND SHALL BE REPLACED BY M-SAND FULLY OR PARTIALLY IN ANY PROPORTION FOR PLAIN CEMENT CONCRETE, REINFORCEMENT CEMENT CONCRETE EXCEPT COLUMN CONCRETE. FOR COLUMN CONCRETE BETTER TO USE SAND ALONE FOR CONCRETE. M-SAND SHOULD BE FREE FROM DUST AT SITE AT THE TIME OF USING FOR CONCRETE. TO CHECK THE M-SAND FOR DUST CONTENT, DRY THE M-SAND AND SPRAY IT AT CERTAIN HEIGHT LEVEL, IF ANY DUST PRESENCE WILL FLY ON THE AIR. ALSO IF WE TAKE A PINCH ALSO IF WE TAKE A PINCH OF DRIED M-SAND ON OUR HAND ANY DUST PRESENCE WILL STICK ON TO OUR PALM OF OUR HAND

IMPORTANT NOTE :-

1. ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE.
2. FOR COLUMN WHICH ARE ADJACENT TO THE SUMP BASE SLAB , SEPTIC TANK BASE SLAB , FOR THIS DEPTH OF COLUMN FOUNDATION SHOULD BE TAKEN IN LEVEL WITH THE SUMP BASE SLAB / SEPTIC TANK BASE SLAB LEVEL. IF THE SUMP , SEPTIC TANK BASE SLAB COMES OVER THE FOOTING FOR THIS DEPTH OF COLUMN FOUNDATION SHALL BE TAKEN BELOW THE SEPTIC TANK/ SUMP BASE SLAB BOTTOM LEVEL.
3. IF THE HEIGHT OF THE COLUMN BETWEEN FIRST LEVEL PLINTH BEAM TOP LEVEL TO GROUND FLOOR ROOF SLAB TOP LEVEL EXCEED 12'3". THEN PROVIDE SECOND LEVEL PLINTH BEAM AT BASEMENT LEVEL DETAIL FOR THIS SAME LEVEL PLINTH BEAM SHALL BE OF SIZE (9"X9") (230mmX230mm) WITH 3Nos@12@TOP AND 3Nos@12@BTM AND 8@ST2.@8(200mm)C/C STIRRUPS.

S. P .S. INBARAJAN
M.E., (Structural) A.M.I.E.,
Structural Consultant
Registered Structural Engineer
Gradel(SE) with vellore LPA DTCP
Reg. No. SE/Gr-I/Feb-2025/001 On 02.09.2024
Door No.50, Kirupasankari Street,
West Mambalam, Chennai - 600 033.

PROPOSED RESIDENTIAL BUILDING FOR M/S. MEENAKSHI (M4)
AT MAHARAJA NAGAR, TIRUNELVELI, TAMILNADU FOR M/S. SRI SHARADA ESTATES

NO 50, Kirupasankari Street, West Mambalam,
Chennai - 600 033. Ph : 2485 46 03

S.P.S.Inbarajan, M.E., A.M.I.E.,
Structural Consultant

BOURNA
Consultants - Engineers

FOUNDATION LAYOUT.

DATE: 04 :06: 2025 | SCALE:1/4",3/4"

ARCHITECT:

Dwg No... 12217 S -01

DSND : S.P.S.I

DRN : SENTHIL.R

CONCRETE NOTES:-

1. CONCRETE SHALL BE OF GRADE M20 (MIX 1:1.5:3) UNLESS NOTE OTHERWISE. FOR CONVENTIONAL MIXTURE MACHINE CONCRETE AND CONCRETE SHALL BE OF GRADE M25 FOR READY MIX CONCRETE. (340KG CEMENT PER Cu.m OF READY MIX CONCRETE WITHOUT FLYASH) EXCEPT FOR PILE , COLUMN CONCRETING.
2. 6Ø BARS ARE MILDSTEEL REMAINING ALL OTHERS BARS ARE TORSTEEL CONFORMING TO GRADE Fe500.
3. CLEAR COVER TO MAIN R/F SHALL BE AS FOLLOWS:- COLUMN FOOTING 2"(50mm), COLUMN 1½"(40mm), RC WALL 1"(25mm), ROOF SLAB 5/8"(15mm), ROOF BEAM 1"(25mm), PILE CAP 2"(50mm) & PILE 2"(50mm). RAFT SLAB 1½"(40mm), RAFT BEAM 2" (50mm)
4. LAP LENGTH SHALL BE OF 50 TIMES THE DIAMETER OF SMALLER BAR IN COMPRESSION AND 60 TIMES THE DIAMETER OF SMALLER BAR IN TENSION.
5. FOUNDATION IS DESIGNED FOR STILT ,FIRST,SECOND, THIRD, FOURTH & FIFTH FLOOR ONLY

SOIL NOTES:- (APPLICABLE ONLY IF THE TOP SOIL IS CLAY STRATA. OTHERWISE IGNORE THIS SOIL NOTES.)

1. THE EXCAVATED SOIL CANNOT BE USED FOR BACKFILLING PURPOSE.
2. IF THE TOP SOIL IS OF MEDIUM SWELLING TYPE .THEN , IT WILL EXERT UPWARD THRUST ON THE GROUND FLOOR FLOORING. HENCE , IT IS SUGGESTED TO REMOVE TOP 30 - 40 CMS OF NATURAL SOIL AND REPLACE WITH QUARRY DUST / SAND / GRAVEL FOR GROUND FLOOR FLOORING.
3. AFTER THE EXCAVATION , THE FOUNDATION TRENCHES SHOULD BE COMPACTED PROPERLY BEFORE LAYING THE FOUNDATION. THE TOP SLUSH SHOULD DE REMOVED AND THE SURFACE COMPACTED PROPERLY. AS A PRECAUTIONARY MEASURE, SPREAD BRICK-BATS / GRAVELS AND COMPACT THE BOTTOM OF THE PIT. THE FOUNDATIONS CAN BE SUBSEQUENTLY BE PLACED OVER THIS PREPARED SURFACE.

REV	DESCRIPTION	CHKD	DRN	DATE
R2	DRAWING REVISED COLUMN C3A,C3B,C5A,C6A & C7A	S.P.S.I	SENTHIL.R	08.10.25
R1	DRAWING REVISED AS PER ARCHITECT NEW PLAN	S.P.S.I	SENTHIL.R	30.08.25

CONCRETE SHALL BE GRAD OF M35 MIX (1:1:2) FOR ALL COLUMN

COLUMN DETAILS:

FLOOR DETAILS: ST.F.= STILT FLOOR. 1st.F= FIRST FLOOR. 2nd.F.= SECONDFLOOR. 3rd.F.= THIRD FLOOR. 4th.F= FOURTH FLOOR. 5th.F= FIFTH FLOOR.

SL. No.	NAME OF COLUMN	COLUMN SIZE	MAIN REINFORCEMENT	COLUMN TIE	COLUMN SECTION ROD DETAIL
1.	C1	ST.F. = (1'0"X3'6")	20NosØ25+ 12NosØ12	4Nos/Set 10Ø@8"C/C	1'-0" 12NosØ12
		1st.F. = (8"X2'6")	16NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	12NosØ20		
		3rd.F. = (8"X2'6")	12NosØ16		
		4th.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
2.	C2	ST.F. = (1'0"X3'6")	24NosØ20+ 12NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 12NosØ12
		1st.F. = (8"X3'6")	24NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X3'6")	6NosØ20+ 18NosØ16		
		3rd.F. = (8"X3'6")	6NosØ20+ 18NosØ12		
		4th.F. = (8"X3'6")	20NosØ12		(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X2'6")	14NosØ12		
3.	C3	ST.F. = (1'0"X3'6")	18NosØ20+ 12NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 12NosØ12
		1st.F. = (8"X3'6")	18NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X3'6")	18NosØ16		
		3rd.F. = (8"X3'6")	18NosØ12		
		4th.F. = (8"X2'6")	14NosØ12		(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	
4.	C4	ST.F. = (1'0"X3'0")	16NosØ20+ 10NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 10NosØ12
		1st.F. = (8"X3'0")	16NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X3'0")	16NosØ16		
		3rd.F. = (8"X3'0")	16NosØ12		
		4th.F. = (8"X2'6")	14NosØ12		(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	
5.	C5	ST.F. = (1'0"X2'6")	14NosØ20+ 8NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 8NosØ12
		1st.F. = (8"X2'6")	14NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	14NosØ16		
		3rd.F. = (8"X2'6")	14NosØ12		
		4th.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
6.	C6	ST.F. = (1'0"X2'6")	14NosØ20+ 8NosØ12	3Nos/Set 8Ø@8"C/C	1'-0" 8NosØ12
		1st.F. = (8"X2'6")	14NosØ20		(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	14NosØ16		
		3rd.F. = (8"X2'6")	14NosØ12		
		4th.F. = (8"X1'6")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
7.	C7	ST.F. = (1'0"X2'6")	12NosØ20+ 8NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 8NosØ12
		1st.F. = (8"X2'6")	12NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	12NosØ16		
		3rd.F. = (8"X2'6")	12NosØ12		
		4th.F. = (8"X1'6")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
8.	C8	ST.F. = (1'0"X2'0")	12NosØ20+ 6NosØ12	3Nos/Set 8Ø@8"C/C	1'-0" 6NosØ12
		1st.F. = (8"X2'0")	12NosØ20	2Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'0")	12NosØ16		
		3rd.F. = (8"X2'0")	12NosØ12		
		4th.F. = (8"X1'6")	8NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
9.	C9	ST.F. = (1'0"X2'6")	14NosØ16+ 6NosØ12	3Nos/Set 8Ø@8"C/C	1'-0" 6NosØ12
		1st.F. = (8"X2'0")	14NosØ16	2Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'0")	10NosØ16		
		3rd.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	
		4th.F. = (8"X1'6")	8NosØ12		(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
10.	C10	ST.F. = (1'0"X1'6")	8NosØ12+ 4NosØ12	2Nos/Set 8Ø@8"C/C	1'-0" 4NosØ12
		1st.F. = (8"X1'6")	8NosØ12	8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X1'6")	8NosØ12		
		3rd.F. = (8"X1'6")	8NosØ12		
		4th.F. = (8"X1'6")	8NosØ12		(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		

CONCRETE SHALL BE GRAD OF M35 MIX (1:1:2) FOR ALL COLUMN

COLUMN DETAILS:

FLOOR DETAILS: ST.F.= STILT FLOOR. 1st.F= FIRST FLOOR. 2nd.F.= SECONDFLOOR. 3rd.F.= THIRD FLOOR. 4th.F= FOURTH FLOOR. 5th.F= FIFTH FLOOR.

SL. No.	NAME OF COLUMN	COLUMN SIZE	MAIN REINFORCEMENT	COLUMN TIE	COLUMN SECTION ROD DETAIL
11.	C3A	ST.F. = (1'0"X3'0")	20NosØ20+ 10NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 10NosØ12
		1st.F. = (8"X2'6")	14NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	14NosØ16		
		3rd.F. = (8"X2'6")	14NosØ12		
		4th.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
12.	C3B	ST.F. = (1'0"X3'6")	24NosØ20	3Nos/Set 8Ø@8"C/C	1'-0"
		1st.F. = -	-		(ST.F) — —
		2nd.F. = -	-		
		3rd.F. = -	-		
		4th.F. = -	-		— — —
		5th.F. = -	-		(3rd.F) (4th.F) (5th.F)
13.	C4A	ST.F. = (1'0"X3'0")	22NosØ16+ 10NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 10NosØ12
		1st.F. = (8"X2'6")	18NosØ16	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	14NosØ16		
		3rd.F. = (8"X2'0")	10NosØ16	8Ø@8"C/C	
		4th.F. = (8"X2'0")	10NosØ12		(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
4.	C4B	ST.F. = (1'0"X3'6")	24NosØ16+ 12NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 12NosØ12
		1st.F. = (8"X2'6")	12NosØ20	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	12NosØ16		
		3rd.F. = (8"X2'6")	12NosØ12		
		4th.F. = (8"X1'6")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
5.	C4C	ST.F. = (1'0"X3'0")	18NosØ20	3Nos/Set 8Ø@8"C/C	1'-0"
		1st.F. = -	-		(ST.F) — —
		2nd.F. = -	-		
		3rd.F. = -	-		
		4th.F. = -	-		— — —
		5th.F. = -	-		(3rd.F) (4th.F) (5th.F)
6.	C4D	ST.F. = (1'0"X3'0")	22NosØ16+ 10NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 10NosØ12
		1st.F. = (8"X3'0")	22NosØ16	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X3'0")	6NosØ16+ 16NosØ12		
		3rd.F. = (8"X2'6")	18NosØ12		
		4th.F. = (8"X2'0")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
7.	C5A	ST.F. = (1'0"X3'0")	18NosØ16+ 10NosØ12	4Nos/Set 8Ø@8"C/C	1'-0" 8NosØ12
		1st.F. = (8"X3'0")	18NosØ16	3Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	16NosØ16		
		3rd.F. = (8"X2'6")	12NosØ16		
		4th.F. = (8"X2'6")	12NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
8.	C6A	ST.F. = (8"X2'6")	18NosØ20	3Nos/Set 8Ø@8"C/C	
		1st.F. = (8"X2'6")	14NosØ20		(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	14NosØ16		
		3rd.F. = (8"X2'6")	14NosØ12		
		4th.F. = (8"X1'6")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
9.	C7A	ST.F. = (8"X2'6")	16NosØ20	3Nos/Set 8Ø@8"C/C	
		1st.F. = (8"X2'6")	12NosØ20		(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'6")	12NosØ16		
		3rd.F. = (8"X2'6")	12NosØ12		
		4th.F. = (8"X1'6")	10NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		
10.	C8A	ST.F. = (8"X2'6")	14NosØ20	3Nos/Set 8Ø@8"C/C	
		1st.F. = (8"X2'0")	12NosØ20	2Nos/Set 8Ø@8"C/C	(ST.F) (1st.F) (2nd.F)
		2nd.F. = (8"X2'0")	12NosØ16		
		3rd.F. = (8"X2'0")	12NosØ12		
		4th.F. = (8"X1'6")	8NosØ12	8Ø@8"C/C	(3rd.F) (4th.F) (5th.F)
		5th.F. = (8"X1'6")	8NosØ12		

NOTE :-

IMPORTANT NOTE FOR M-SAND :-

1. CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERIFYING ALL FABRICATION OF REINFORCEMENT BAR DONE FOR VARIOUS MEMBERS, (Viz) BEAMS, SLABS, COLUMNS, FOOTINGS, ETC. AND SHOULD BE CHECKED AS PER THE STRUCTURAL LATEST REVISION DRAWINGS FOR FABRICATION OF REINFORCEMENT BAR.
2. CONCRETE SHOULD BE DONE MONOLITHICALLY FOR CANTILEVER SLABS AND BEAMS. CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / SITE IN-CHARGE ENGINEER.

1. SAND SHALL BE REPLACED BY M-SAND FULLY OR PARTIALLY IN ANY PROPORTION FOR PLAIN CEMENT CONCRETE, REINFORCEMENT CEMENT CONCRETE EXCEPT COLUMN CONCRETE.
2. FOR COLUMN CONCRETE BETTER TO USE SAND ALONE FOR CONCRETE.
3. M-SAND SHOULD BE FREE FROM DUST AT SITE AT THE TIME OF USING FOR CONCRETE.
4. TO CHECK THE M-SAND FOR DUST CONTENT, DRY THE M-SAND AND SPRAY IT AT CERTAIN HEIGHT LEVEL, IF ANY DUST PRESENCE WILL FLY ON THE AIR. ALSO IF WE TAKE A PINCH ALSO IF WE TAKE A PINCH OF DRIED M-SAND ON OUR HAND ANY DUST PRESENCE WILL STICK ON TO OUR PALM OF OUR HAND.

IMPORTANT NOTE FOR LAYING METHOD FOR READY MIX CONCRETE (RMC) :-

1. FOR M25 GRADE CONCRETE PROVIDE 340 KG CEMENT PER CUBIC METER OF READY MIX CONCRETE.
2. THE TIME DURATION OF READY MIX CONCRETE SHALL BE AT THE MAXIMUM OF 90 MINUTES TO 100 MINUTES FOR THE BEST STRENGTH RESULT OF CONCRETE.
3. TIME DURATION INCLUDES FROM THE TIME OF WATER ADDING IN THE BATCHING PLANT (i.e) TIME OF LORRY DEPARTURE FROM PLANT, TRAVEL TIME, PUMP CONNECTING TIME , PUMPING AND LAYING OF CONCRETE ON FORM WORK.
4. AFTER 60 MINUTES TO 90 MINUTES ON LAYING OF CONCRETE SOME HAIRLINE / MINOR SHRINKAGE CRACKS WILL DEVELOP ON THE TOP SURFACE OF THE CONCRETE. TO RECTIFY THIS, POUR THICK CEMENT SLURRY, FILL IT AND PACK IT WITH BROOM.
5. THE CONCRETE TOP SURFACE SHOULD BE SPRAYED WITH WATER TO START CURING AFTER 120 MINUTES TO 150 MINUTES FROM THE TIME OF CONCRETE LAYING.
6. START CURING WITH STORING WATER ON TOP OF CONCRETE AFTER 240 MINUTES TO 300 MINUTES FROM THE TIME OF CONCRETE LAYING.

S. P. S. INBARAJAN
M.E. (Structural) A.M.I.E.,
Structural Consultant
Registered Structural Engineer
Gradell(SE) with vellore LPA DTCP
Reg. No. SE/Gr-I/Feb-2025/001 On 02.09.2024
Door No.50, Kirupasankari Street,
West Mambalam, Chennai - 600 033.

PROPOSED RESIDENTIAL BUILDING FOR M/S. MEENAKSHI (M4)
AT MAHARAJA NAGAR, TIRUNELVELI, TAMILNADU FOR M/S. SRI SHARADA ESTATES

NO 50, Kirupasankari Street, West Mambalam,
Chennai - 600 033. Ph : 2485 46 03

S.P.S.Inbarajan, M.E., A.M.I.E.,
Structural Consultant

BOURNA
Consultants - Engineers

FOUNDATION DETAILS-I.

DATE: 04 :06: 2025 | SCALE:1/4",3/4"

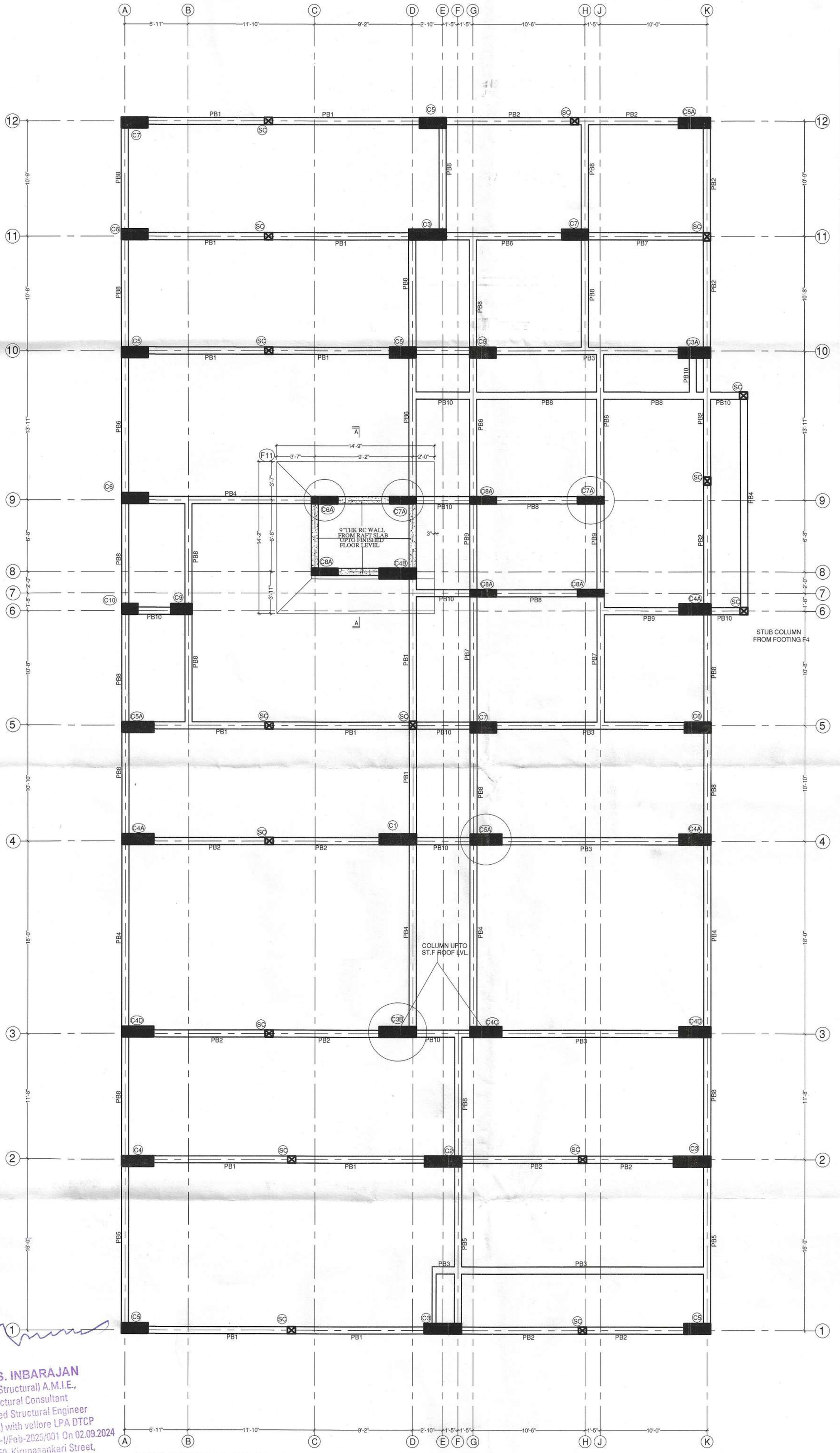
ARCHITECT:

Dwg No... 12217 S -04

DSND : S.P.S.I

DRN : SENTHIL.R

REV	DESCRIPTION	CHKD	DRN	DATE
R1	DRAWING REVISED AS PER ARCHITECT NEW PLAN	S.P.S.I	SENTHIL.R	30.08.25



FOUNDATION LAYOUT

IMPORTANT NOTE FOR LAYING METHOD FOR READY MIX CONCRETE (RMC) :-

1. FOR M25 GRADE CONCRETE PROVIDE 340 KG CEMENT PER CUBIC METER OF READY MIX CONCRETE.
2. THE TIME DURATION OF READY MIX CONCRETE SHALL BE AT THE MAXIMUM OF 90 MINUTES TO 100 MINUTES FOR THE BEST STRENGTH RESULT OF CONCRETE.
3. TIME DURATION INCLUDES FROM THE TIME OF WATER ADDING IN THE BATCHING PLANT (i.e) TIME OF LORRY DEPARTURE FROM PLANT, TRAVEL TIME, PUMP CONNECTING TIME , PUMPING AND LAYING OF CONCRETE ON FORM WORK.
4. AFTER 60 MINUTES TO 90 MINUTES ON LAYING OF CONCRETE SOME HAIRLINE / MINOR SHRINKAGE CRACKS WILL DEVELOP ON THE TOP SURFACE OF THE CONCRETE. TO RECTIFY THIS, POUR THICK CEMENT SLURRY, FILL IT AND PACK IT WITH BROOM.
5. THE CONCRETE TOP SURFACE SHOULD BE SPRAYED WITH WATER TO START CURING AFTER 120 MINUTES TO 150 MINUTES FROM THE TIME OF CONCRETE LAYING.
6. START CURING WITH STORING WATER ON TOP OF CONCRETE AFTER 240 MINUTES TO 300 MINUTES FROM THE TIME OF CONCRETE LAYING.

IMPORTANT NOTE :-

1. CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERIFYING ALL FABRICATION OF REINFORCEMENT BAR DONE FOR VARIOUS MEMBERS, (Via) BEAMS, SLABS, COLUMNS, FOOTINGS, ETC. AND SHOULD BE CHECKED AS PER THE STRUCTURAL LATEST REVISION DRAWINGS FOR FABRICATION OF REINFORCEMENT BAR.
2. CONCRETE SHOULD BE DONE MONOLITHICALLY FOR CANTILEVER SLABS AND BEAMS. CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / SITE IN-CHARGE ENGINEER.

IMPORTANT NOTE FOR M-SAND :-

SAND SHALL BE REPLACED BY M-SAND FULLY OR PARTIALLY IN ANY PROPORTION FOR PLAIN CEMENT CONCRETE, REINFORCEMENT CEMENT CONCRETE EXCEPT COLUMN CONCRETE. FOR COLUMN CONCRETE BETTER TO USE SAND ALONE FOR CONCRETE.
M-SAND SHOULD BE FREE FROM DUST AT SITE AT THE TIME OF USING FOR CONCRETE.
TO CHECK THE M-SAND FOR DUST CONTENT, DRY THE M-SAND AND SPRAY IT AT CERTAIN HEIGHT LEVEL, IF ANY DUST PRESENCE WILL FLY ON THE AIR. ALSO IF WE TAKE A PINCH ALSO IF WE TAKE A PINCH OF DRIED M-SAND ON OUR HAND ANY DUST PRESENCE WILL STICK ON TO OUR PALM OF OUR HAND.

IMPORTANT NOTE :-

1. ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE.
2. FOR COLUMN WHICH ARE ADJACENT TO THE SUMP BASE SLAB , SEPTIC TANK BASE SLAB , FOR THIS DEPTH OF COLUMN FOUNDATION SHOULD BE TAKEN IN LEVEL WITH THE SUMP BASE SLAB / SEPTIC TANK BASE SLAB LEVEL. IF THE SUMP , SEPTIC TANK BASE SLAB COMES OVER THE FOOTING FOR THIS DEPTH OF COLUMN FOUNDATION SHALL BE TAKEN BELOW THE SEPTIC TANK/ SUMP BASE SLAB BOTTOM LEVEL.
3. IF THE HEIGHT OF THE COLUMN BETWEEN FIRST LEVEL PLINTH BEAM TOP LEVEL TO GROUND FLOOR ROOF SLAB TOP LEVEL EXCEED 12'3", THEN PROVIDE SECOND LEVEL PLINTH BEAM AT BASEMENT LEVEL DETAIL FOR THIS SAME LEVEL PLINTH BEAM SHALL BE OF SIZE (9"X9") (230mmX230mm) WITH 3Nos@12@TOP AND 3Nos@12@BTM AND 8@ST2.@8(200mm)C/C STIRRUPS.

S. P. S. INBARAJAN
M.E., (Structural) A.M.I.E.,
Structural Consultant
Registered Structural Engineer
Grade(SE) with vellore LPA DTCP
Reg. No. SE/Gr-I/Feb-2025/001 On 02.09.2024
Door No.50, Kirupasankari Street,
West Mambalam, Chennai - 600 033.

PROPOSED RESIDENTIAL BUILDING FOR M/S. MEENAKSHI (M4)
AT MAHARAJA NAGAR, TIRUNELVELI, TAMILNADU FOR M/S. SRI SHARADA ESTATES

NO 50, Kirupasankari Street, West Mambalam,
Chennai - 600 033. Ph : 2485 46 03

S.P.S.Inbarajan, M.E., A.M.I.E.,
Structural Consultant

BOURNA
Consultants - Engineers

FOUNDATION LAYOUT.

DATE: 04 :06: 2025 | SCALE:1/4",3/4"

ARCHITECT:

Dwg No...
12217
S -03

DSND : S.P.S.I

DRN : SENTHIL.R

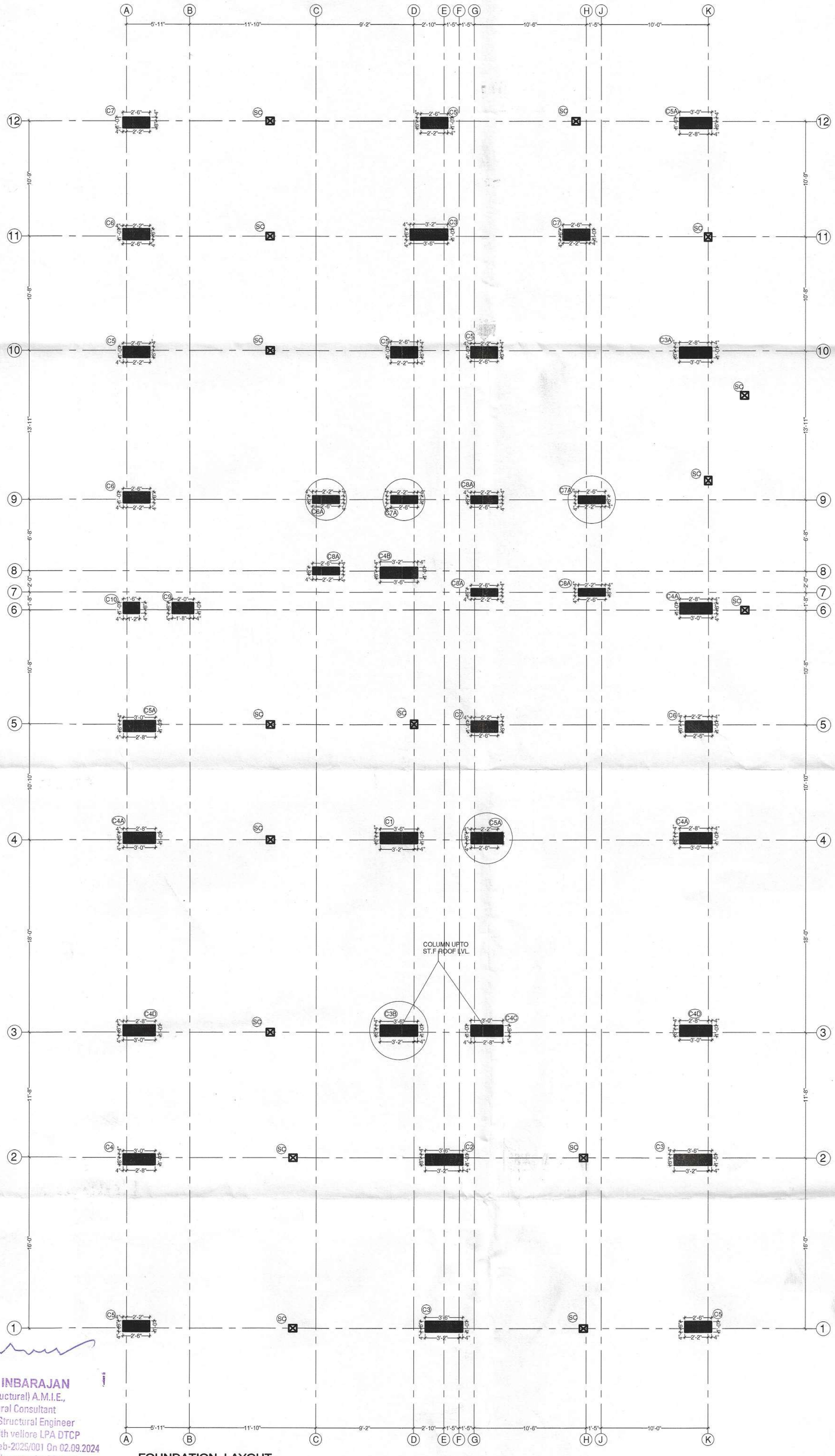
CONCRETE NOTES:-

1. CONCRETE SHALL BE OF GRADE M20 (MIX 1:1.5:3) UNLESS NOTE OTHERWISE.
   FOR CONVENTIONAL MIXTURE MACHINE CONCRETE AND CONCRETE SHALL BE OF GRADE M25 FOR READY MIX CONCRETE. (340KG CEMENT PER Cu.m OF READY MIX CONCRETE WITHOUT FLYASH) EXCEPT FOR PILE , COLUMN CONCRETING.
2. 6Ø BARS ARE MILDSTEEL REMAINING ALL OTHERS BARS ARE TORSTEEL CONFORMING TO GRADE Fe500.
3. CLEAR COVER TO MAIN R/F SHALL BE AS FOLLOWS:-
   COLUMN FOOTING 2"(50mm), COLUMN 1½"(40mm),
   RC WALL 1"(25mm), ROOF SLAB 5/8"(15mm),
   ROOF BEAM 1"(25mm), PILE CAP 2"(50mm) & PILE 2"(50mm).
   RAFT SLAB 1½"(40mm), RAFT BEAM 2" (50mm)
4. LAP LENGTH SHALL BE OF 50 TIMES THE DIAMETER OF SMALLER BAR IN COMPRESSION AND 60 TIMES THE DIAMETER OF SMALLER BAR IN TENSION.
5. FOUNDATION IS DESIGNED FOR STILT ,FIRST,SECOND, THIRD, FOURTH & FIFTH FLOOR ONLY

SOIL NOTES:- (APPLICABLE ONLY IF THE TOP SOIL IS CLAY STRATA. OTHERWISE IGNORE THIS SOIL NOTES.)

1. THE EXCAVATED SOIL CANNOT BE USED FOR BACKFILLING PURPOSE.
2. IF THE TOP SOIL IS OF MEDIUM SWELLING TYPE .THEN , IT WILL EXERT UPWARD THRUST ON THE GROUND FLOOR FLOORING. HENCE , IT IS SUGGESTED TO REMOVE TOP 30 - 40 CMS OF NATURAL SOIL AND REPLACE WITH QUARRY DUST / SAND / GRAVEL FOR GROUND FLOOR FLOORING.
3. AFTER THE EXCAVATION , THE FOUNDATION TRENCHES SHOULD BE COMPACTED PROPERLY BEFORE LAYING THE FOUNDATION. THE TOP SLUSH SHOULD DE REMOVED AND THE SURFACE COMPACTED PROPERLY. AS A PRECAUTIONARY MEASURE, SPREAD BRICK-BATS / GRAVELS AND COMPACT THE BOTTOM OF THE PIT. THE FOUNDATIONS CAN BE SUBSEQUENTLY BE PLACED OVER THIS PREPARED SURFACE.

REV	DESCRIPTION	CHKD	DRN	DATE
R2	DRAWING REVISED COLUMN C3A,C3B,C5A,C6A & C7A	S.P.S.I	SENTHIL.R	08.10.25
R1	DRAWING REVISED AS PER ARCHITECT NEW PLAN	S.P.S.I	SENTHIL.R	30.08.25



IMPORTANT NOTE FOR LAYING METHOD FOR READY MIX CONCRETE (RMC) :-

1. FOR M25 GRADE CONCRETE PROVIDE 340 KG CEMENT PER CUBIC METER OF READY MIX CONCRETE.
2. THE TIME DURATION OF READY MIX CONCRETE SHALL BE AT THE MAXIMUM OF 90 MINUTES TO 100 MINUTES FOR THE BEST STRENGTH RESULT OF CONCRETE.
3. TIME DURATION INCLUDES FROM THE TIME OF WATER ADDING IN THE BATCHING PLANT (i.e) TIME OF LORRY DEPARTURE FROM PLANT, TRAVEL TIME, PUMP CONNECTING TIME., PUMPING AND LAYING OF CONCRETE ON FORM WORK.
4. AFTER 60 MINUTES TO 90 MINUTES ON LAYING OF CONCRETE SOME HAIRLINE / MINOR SHRINKAGE CRACKS WILL DEVELOP ON THE TOP SURFACE OF THE CONCRETE. TO RECTIFY THIS, POUR THICK CEMENT SLURRY, FILL IT AND PACK IT WITH BROOM.
5. THE CONCRETE TOP SURFACE SHOULD BE SPRAYED WITH WATER TO START CURING AFTER 120 MINUTES TO 150 MINUTES FROM THE TIME OF CONCRETE LAYING.
6. START CURING WITH STORING WATER ON TOP OF CONCRETE AFTER 240 MINUTES TO 300 MINUTES FROM THE TIME OF CONCRETE LAYING.

IMPORTANT NOTE :-

1. CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERIFYING ALL FABRICATION OF REINFORCEMENT BAR DONE FOR VARIOUS MEMBERS, (Via) BEAMS, SLABS, COLUMNS, FOOTINGS, ETC. AND SHOULD BE CHECKED AS PER THE STRUCTURAL LATEST REVISION DRAWINGS FOR FABRICATION OF REINFORCEMENT BAR.
2. CONCRETE SHOULD BE DONE MONOLITHICALLY FOR CANTILEVER SLABS AND BEAMS. CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / SITE IN-CHARGE ENGINEER.

IMPORTANT NOTE FOR M-SAND :-

SAND SHALL BE REPLACED BY M-SAND FULLY OR PARTIALLY IN ANY PROPORTION FOR PLAIN CEMENT CONCRETE, REINFORCEMENT CEMENT CONCRETE EXCEPT COLUMN CONCRETE. FOR COLUMN CONCRETE BETTER TO USE SAND ALONE FOR CONCRETE. M-SAND SHOULD BE FREE FROM DUST AT SITE AT THE TIME OF USING FOR CONCRETE. TO CHECK THE M-SAND FOR DUST CONTENT, DRY THE M-SAND AND SPRAY IT AT CERTAIN HEIGHT LEVEL, IF ANY DUST PRESENCE WILL FLY ON THE AIR. ALSO IF WE TAKE A PINCH ALSO IF WE TAKE A PINCH OF DRIED M-SAND ON OUR HAND ANY DUST PRESENCE WILL STICK ON TO OUR PALM OF OUR HAND.

IMPORTANT NOTE :-

1. ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE.
2. FOR COLUMN WHICH ARE ADJACENT TO THE SUMP BASE SLAB . SEPTIC TANK BASE SLAB , FOR THIS DEPTH OF COLUMN FOUNDATION SHOULD BE TAKEN IN LEVEL WITH THE SUMP BASE SLAB / SEPTIC TANK BASE SLAB LEVEL. IF THE SUMP , SEPTIC TANK BASE SLAB COMES OVER THE FOOTING FOR THIS DEPTH OF COLUMN FOUNDATION SHALL BE TAKEN BELOW THE SEPTIC TANK/ SUMP BASE SLAB BOTTOM LEVEL.
3. IF THE HEIGHT OF THE COLUMN BETWEEN FIRST LEVEL PLINTH BEAM TOP LEVEL TO GROUND FLOOR ROOF SLAB TOP LEVEL EXCEED 12'3". THEN PROVIDE SECOND LEVEL PLINTH BEAM AT BASEMENT LEVEL DETAIL FOR THIS SAME LEVEL PLINTH BEAM SHALL BE OF SIZE (9"X9") (230mmX230mm) WITH 3Nos@12@TOP AND 3Nos@12@BTM AND 8@ST2.@8(200mm)C/C STIRRUPS.

S. P .S. INBARAJAN
M.E., (Structural) A.M.I.E.,
Structural Consultant
Registered Structural Engineer
Gradel(SE) with vellore LPA DTCP
Reg. No. SE/Gr-I/Feb-2025/001 On 02.09.2024
Door No.50, Kirupasankari Street,
West Mambalam, Chennai - 600 033.

FOUNDATION LAYOUT

PROPOSED RESIDENTIAL BUILDING FOR M/S. MEENAKSHI (M4)
AT MAHARAJA NAGAR, TIRUNELVELI, TAMILNADU FOR M/S. SRI SHARADA ESTATES

NO 50, Kirupasankari Street, West Mambalam,
Chennai - 600 033. Ph : 2485 46 03

S.P.S.Inbarajan, M.E., A.M.I.E.,
Structural Consultant

BOURNA
Consultants - Engineers

FOUNDATION LAYOUT.

DATE: 04 :06: 2025 | SCALE:1/4",3/4"

ARCHITECT:

Dwg No...
12217
S -02

DSND : S.P.S.I

DRN : SENTHIL.R

CONCRETE NOTES:-
1. CONCRETE SHALL BE OF GRADE M20 (MIX 1:1.5:3) UNLESS NOTE OTHERWISE. FOR CONVENTIONAL MIXTURE MACHINE CONCRETE AND CONCRETE SHALL BE OF GRADE M25 FOR READY MIX CONCRETE. (340KG CEMENT PER Cu.m OF READY MIX CONCRETE WITHOUT FLYASH) EXCEPT FOR PILE , COLUMN CONCRETING.
2. 6Ø BARS ARE MILDSTEEL REMAINING ALL OTHERS BARS ARE TORSTEEL CONFORMING TO GRADE Fe500.
3. CLEAR COVER TO MAIN R/F SHALL BE AS FOLLOWS:- COLUMN FOOTING 2"(50mm), COLUMN 1½"(40mm), RC WALL 1"(25mm), ROOF SLAB 5/8"(15mm), ROOF BEAM 1"(25mm), PILE CAP 2"(50mm) & PILE 2"(50mm). RAFT SLAB 1½"(40mm), RAFT BEAM 2" (50mm)
4. LAP LENGTH SHALL BE OF 50 TIMES THE DIAMETER OF SMALLER BAR IN COMPRESSION AND 60 TIMES THE DIAMETER OF SMALLER BAR IN TENSION.
5. FOUNDATION IS DESIGNED FOR STILT ,FIRST,SECOND, THIRD, FOURTH & FIFTH FLOOR ONLY

SOIL NOTES:- (APPLICABLE ONLY IF THE TOP SOIL IS CLAY STRATA. OTHERWISE IGNORE THIS SOIL NOTES.)
1. THE EXCAVATED SOIL CANNOT BE USED FOR BACKFILLING PURPOSE.
2. IF THE TOP SOIL IS OF MEDIUM SWELLING TYPE .THEN , IT WILL EXERT UPWARD THRUST ON THE GROUND FLOOR FLOORING. HENCE , IT IS SUGGESTED TO REMOVE TOP 30 - 40 CMS OF NATURAL SOIL AND REPLACE WITH QUARRY DUST / SAND / GRAVEL FOR GROUND FLOOR FLOORING.
3. AFTER THE EXCAVATION , THE FOUNDATION TRENCHES SHOULD BE COMPACTED PROPERLY BEFORE LAYING THE FOUNDATION. THE TOP SLUSH SHOULD DE REMOVED AND THE SURFACE COMPACTED PROPERLY. AS A PRECAUTIONARY MEASURE, SPREAD BRICK-BATS / GRAVELS AND COMPACT THE BOTTOM OF THE PIT. THE FOUNDATIONS CAN BE SUBSEQUENTLY BE PLACED OVER THIS PREPARED SURFACE.

REV	DESCRIPTION	CHKD	DRN	DATE
R2	DRAWING REVISED COLUMN C3A,C3B,C5A,C6A & C7A	S.P.S.I	SENTHIL.R	08.10.25
R1	DRAWING REVISED AS PER ARCHITECT NEW PLAN	S.P.S.I	SENTHIL.R	30.08.25

PROPOSED RESIDENTIAL BUILDING FOR M/S. MEENAKSHI (M4)
AT MAHARAJA NAGAR, TIRUNELVELI, TAMILNADU FOR M/S. SRI SHARADA ESTATES

NO 50, Kirupasankari Street, West Mambalam,
Chennai - 600 033. Ph : 2485 46 03

S.P.S.Inbarajan, M.E., A.M.I.E.,
Structural Consultant

BOURNA
Consultants - Engineers

FOUNDATION DETAILS-II.

Dwg No..
12217 S -05

DATE: 04 .06. 2025
SCALE:1/4",3/4"

ARCHITECT:

DSND : S.P.S.I
DRN : SENTHIL.R

REV	DESCRIPTION	CHKD	DRN	DATE
R1	DRAWING REVISED AS PER ARCHITECT NEW PLAN	S.P.S.I	SENTHIL.R	30.08.25

Door No.50, Kirupasankari Street, West Mambalam, Chennai-600033
Regd. No. SCRC-05-00-00-2024-2025 Dated 04.06.2024

S.P.S. INBARAJAN
M.E. (Structural) A.M.I.E.,
Structural Consultant
Registered Structural Engineer
Grade(SE) with vellore LPA DTCP

IMPORTANT NOTE :-

1. CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERIFYING ALL FABRICATION OF REINFORCEMENT BAR DONE FOR VARIOUS MEMBERS, (Viz) BEAMS, SLABS, COLUMNS, FOOTINGS, ETC. AND SHOULD BE CHECKED AS PER THE STRUCTURAL LATEST REVISION DRAWINGS FOR FABRICATION OF REINFORCEMENT BAR.
2. CONCRETE SHOULD BE DONE MONOLITHICALLY. FOR CANTILEVER SLABS AND BEAMS. CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / SITE IN-CHARGE ENGINEER.

IMPORTANT NOTE FOR M-SAND :-

SAND SHALL BE REPLACED BY M-SAND FULLY OR PARTIALLY IN ANY PROPORTION FOR PLAIN CEMENT CONCRETE, REINFORCEMENT CEMENT CONCRETE EXCEPT COLUMN CONCRETE FOR COLUMN CONCRETE BETTER TO USE SAND ALONE FOR CONCRETE.
M-SAND SHOULD BE FREE FROM DUST AT SITE AT THE TIME OF USING FOR CONCRETE.
TO CHECK THE M-SAND FOR DUST CONTENT. DRY THE M-SAND AND SPRAY IT AT CERTAIN HEIGHT LEVEL. IF ANY DUST PRESENCE WILL FLY ON THE AIR. ALSO IF WE TAKE A PINCH ALSO IF WE TAKE A PINCH OF DRIED M-SAND ON OUR HAND ANY DUST PRESENCE WILL STICK ON TO OUR PALM OF OUR HAND.

IMPORTANT NOTE FOR LAYING METHOD FOR READY MIX CONCRETE (RMC) :-

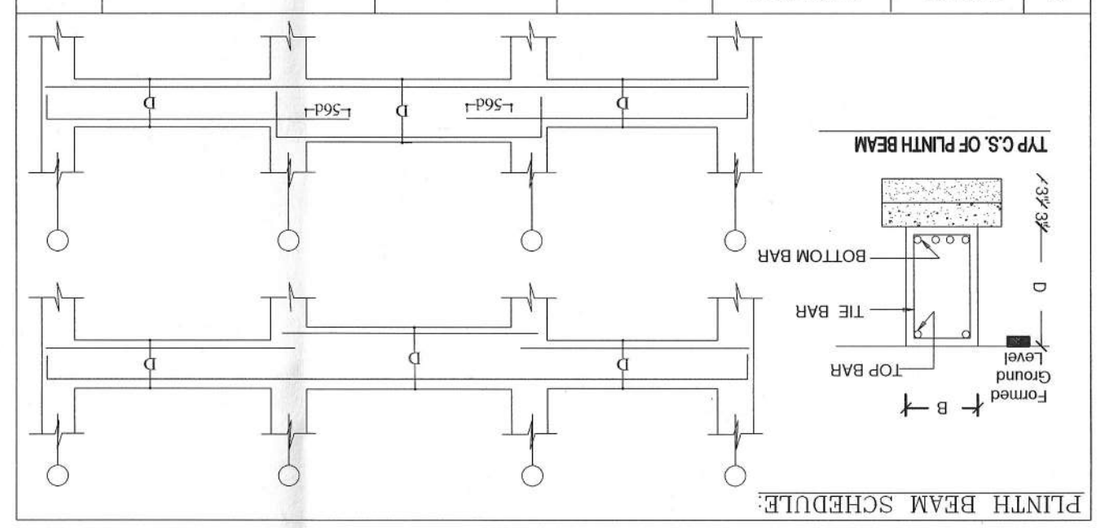
1. FOR M25 GRADE CONCRETE PROVIDE 340 KG CEMENT PER CUBIC METER OF READY MIX CONCRETE.
2. THE TIME DURATION OF READY MIX CONCRETE SHALL BE AT THE MAXIMUM OF 90 MINUTES TO 100 MINUTES FOR THE BEST STRENGTH RESULT OF CONCRETE.
3. TIME DURATION INCLUDES FROM THE TIME OF WATER ADDING IN THE BATCHING PLANT (i.e) TIME OF LORRY DEPARTURE FROM PLANT, TRAVEL TIME, PUMP CONNECTING TIME , PUMPING AND LAYING OF CONCRETE ON FORM WORK.
4. AFTER 60 MINUTES TO 90 MINUTES ON LAYING OF CONCRETE SOME HAIRLINE / MINOR SHRINKAGE CRACKS WILL DEVELOP ON THE TOP SURFACE OF THE CONCRETE. TO RECTIFY THIS, POUR THICK CEMENT SLURRY, FILL IT AND PACK IT WITH BROOM.
5. THE CONCRETE TOP SURFACE SHOULD BE SPRAYED WITH WATER TO START CURING AFTER 120 MIUNTES TO 150 MINUTES FROM THE TIME OF CONCRETE LAYING.
6. START CURING WITH STORING WATER ON TOP OF CONCRETE AFTER 240 MINUTES TO 300 MIUNTES FROM THE TIME OF CONCRETE LAYING.

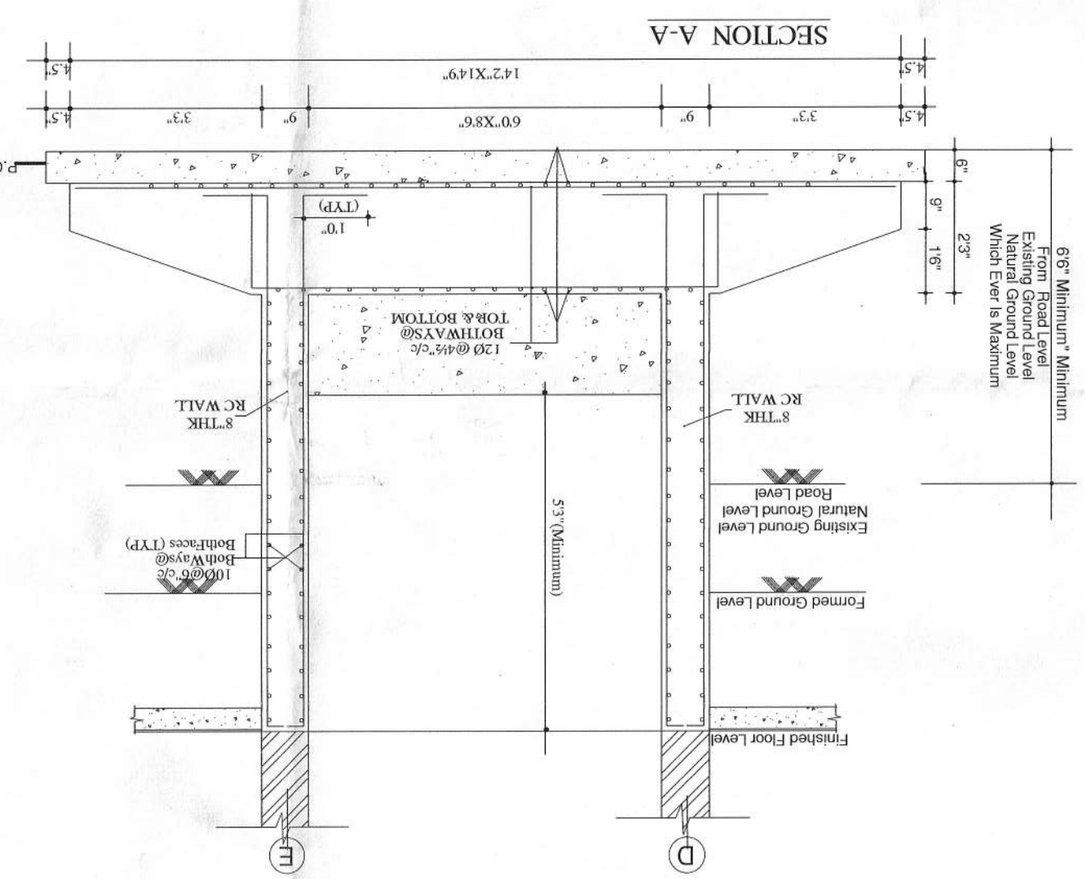
FOOTING SCHEDULE:

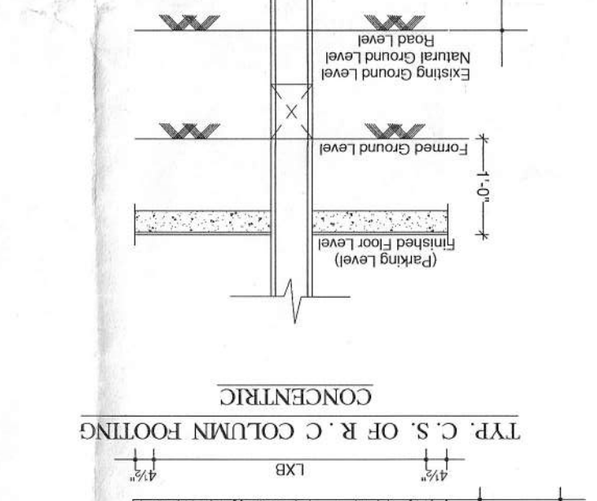
SL. No.	FOOTING MARK	FOOTING SIZE L	B	D	d	e	FOOTING REINFORCEMENT LONGER BAR	SHORTER BAR	Nos Of FOOTING
1.	F1	15'9"	11'0"	4'0"	1'6"	2'6"	30Nos Ø16	46Nos Ø16	
2.	F2	12'3"	12'3"	3'9"	1'3"	2'6"	30Nos Ø16	30Nos Ø16	
3.	F3	10'10½"	10'10½"	3'7½"	1'3"	2'4½"	27Nos Ø16	27Nos Ø16	
4.	F4	10'6"	10'6"	3'6"	1'3"	2'3"	39Nos Ø12	39Nos Ø12	
5.	F5	10'1½"	10'1½"	3'4½"	1'3"	2'1½"	36Nos Ø12	36Nos Ø12	
6.	F6	9'4½"	9'4½"	3'0"	1'3"	1'9"	29Nos Ø12	29Nos Ø12	
7.	F7	9'0"	9'0"	2'10½"	1'3"	1'7½"	27Nos Ø12	27Nos Ø12	
8.	F8	8'7½"	8'7½"	2'9"	1'3"	1'6"	25Nos Ø12	25Nos Ø12	
9.	F9	8'3"	8'3"	2'7½"	1'3"	1'4½"	23Nos Ø12	23Nos Ø12	
10.	F10 Eccentric	8'9"	5'0"	2'4½"	1'3"	1'1½"	12Nos Ø12	22Nos Ø12	
11.	F11 (LEFT)	14'9"	14'2"	2'3"	0'9"	1'6"	12Ø@4½"C/C BOTHWAYS @TOP&BOTTOM		
12.	SC	3'0"	3'0"	0'9"	-	-	5Nos Ø8	5Nos Ø8	

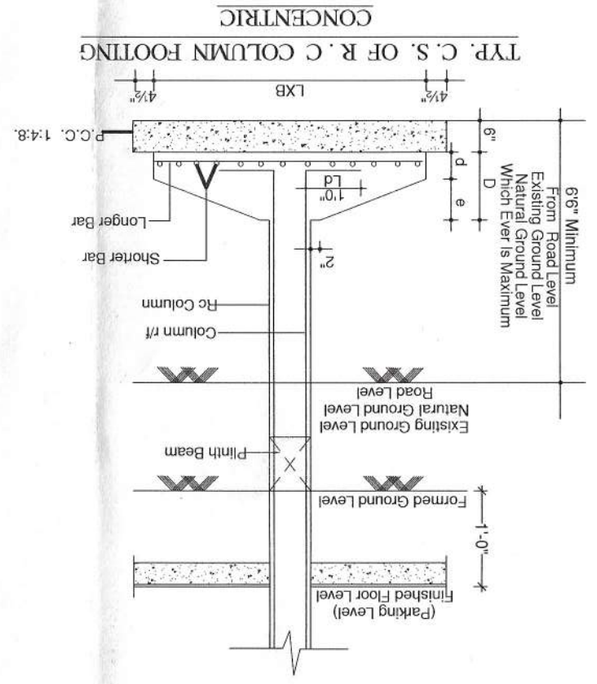
PLINTH BEAM SCHEDULE:

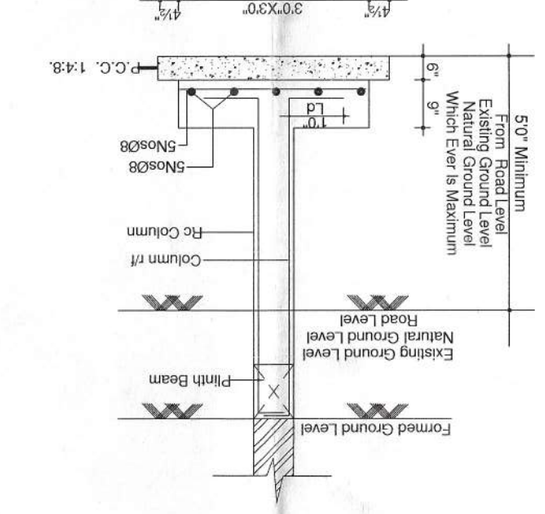
SL. No.	NAME OF PLINTH BEAM	PLINTH BEAM SIZE (BXD)	PLINTH BEAM TOP BAR	PLINTH BEAM BOTTOM BAR	PLINTH BEAM TIE	
1.	PB1	(9"X16")	3Nos Ø16	3Nos Ø16 + 2Nos Ø16	10Ø ST2 @7"C/C	Formed Ground Level
2.	PB2	(9"X16")	3Nos Ø16	4Nos Ø16	8Ø ST2 @8"C/C	
3.	PB3	(9"X16")	3Nos Ø16	3Nos Ø16 + 3Nos Ø16	8Ø ST2 @4"C/C(End 1/3rd Span) 8Ø ST2 @8"C/C(Mid 1/3rd Span) 8Ø ST2 @4"C/C(End 1/3rd Span)	
4.	PB4	(9"X16")	3Nos Ø16	3Nos Ø16 + 2Nos Ø16	8Ø ST2 @5"C/C(End 1/3rd Span) 8Ø ST2 @10"C/C(Mid 1/3rd Span) 8Ø ST2 @5"C/C(End 1/3rd Span)	
5.	PB5	(9"X16")	2Nos Ø16	4Nos Ø16	8Ø ST2 @8"C/C	
6.	PB6	(9"X16")	2Nos Ø16	3Nos Ø16 + 1Nos Ø12	8Ø ST2 @8"C/C	
7.	PB7	(9"X13")	2Nos Ø12	2Nos Ø16 + 1Nos Ø12	8Ø ST2 @8"C/C	
8.	PB8	(9"X13")	2Nos Ø12	4Nos Ø12	8Ø ST2 @10"C/C	
9.	PB9	(9"X13")	2Nos Ø12	3Nos Ø12	8Ø ST2 @10"C/C	
10.	PB10	(9"X13")	2Nos Ø12	2Nos Ø12	8Ø ST2 @10"C/C	

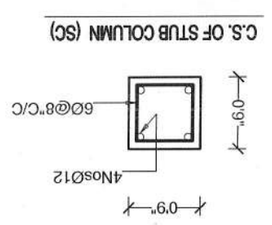












THE LANDLENS SUITE

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

Verified RealEstate
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

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.