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

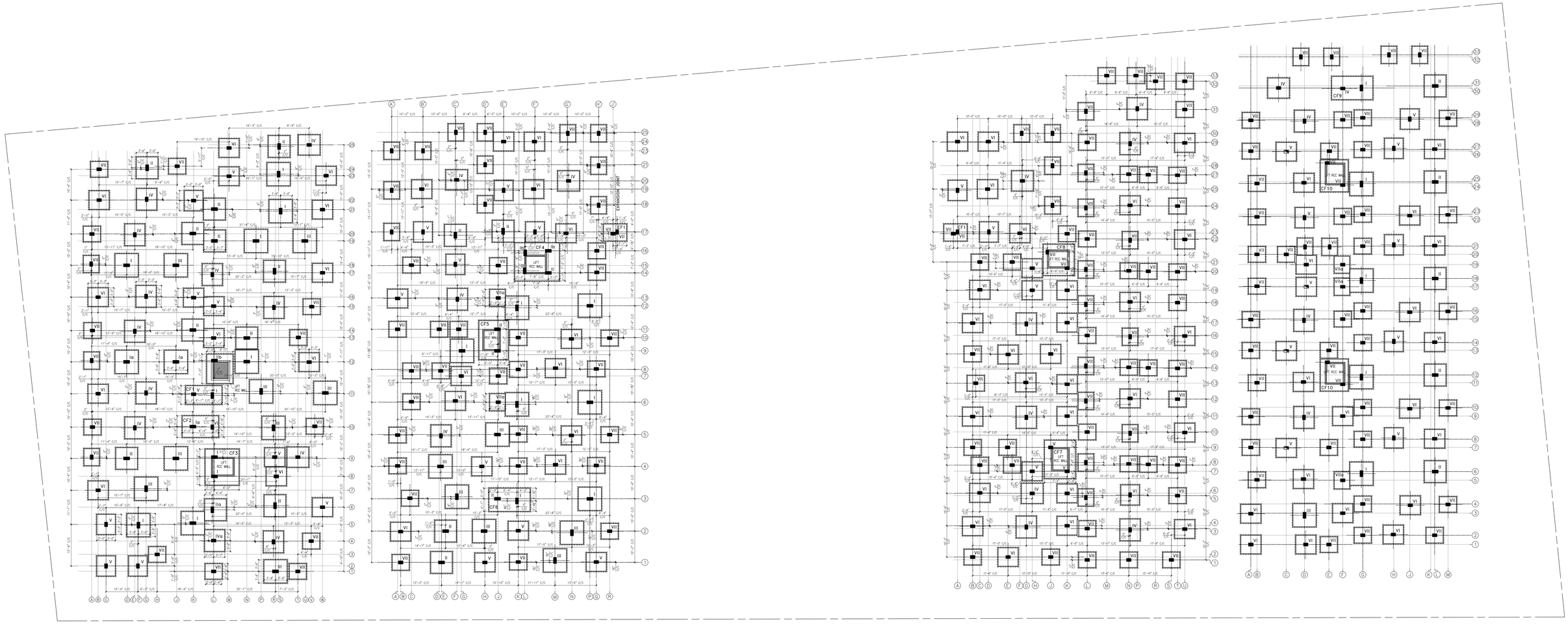
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Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™



A0



FOUNDATION PLAN

CONCRETE DATA

CLEAR COVER

	CLEAR COVER		
	BOTTOM	SIDES	TOP
FOOTING	2" (50mm)	2" (50mm)	2" (50mm)
COLUMN	–	1.5" (40mm)	
BEAM	1" (25mm)	1" (25mm)	1" (25mm)
SLAB	0.75" (20mm)	1" (25mm)	0.75" (20mm)

DEVELOPMENT LENGTH Ld

FOOTING	–	
COL UPTO SF ROOF	35d	
COL ABOVE SF ROOF	40d	
BEAM	50d	
SLAB		

MATERIALS

	CONCRETE	STEEL	CEMENT
FOOTING	M20	Fe550	43 GRADE OR 33 GRADE
COL UPTO SF ROOF	M35		
COL ABOVE SF ROOF	M25		
BEAM			
SLAB			

FOOTING DETAILS

TYPE	EXCAVATION SIZE	FOOTING SIZE	RODS BOTHWAYS	DEPTH
I	8'-0"X8'-0"	7'-6"X7'-6"	12#-6" C/C	15"+12"
Ia	8'-0"X8'-0"	7'-6"X7'-6"	12#-6" C/C	15"+12"
II	7'-6"X7'-6"	7'-0"X7'-0"	12#-6" C/C	15"+12"
IIa	7'-6"X7'-6"	7'-0"X7'-0"	12#-6" C/C	15"+12"
III	8'-0"X8'-0"	7'-6"X7'-6"	12#-6" C/C	15"+12"
IV	7'-6"X7'-0"	7'-0"X6'-6"	12#-6" C/C	12"+12"
IVa	7'-6"X7'-0"	7'-0"X6'-6"	12#-6" C/C	12"+12"
V	7'-0"X6'-6"	6'-6"X6'-0"	10#-5" C/C	12"+9"
VI	7'-0"X6'-6"	6'-6"X6'-0"	10#-5" C/C	12"+9"
VII	6'-0"X5'-6"	5'-6"X5'-0"	10#-6" C/C	9"+9"
IIb	9'-0"X10'-0"	8'-6"X9'-6"	REFER DETAILS	
CF1	12'-3"X6'-6"	11'-9"X6'-0"		
CF2	12'-3"X7'-6"	11'-9"X7'-0"		
CF3	11'-6"X12'-2"	11'-0"X11'-8"		

COLUMN DETAILS

TYPE	COLUMN SIZE		MAIN RODS		LATERALS
	BELOW STILT ROOF	ABOVE STILT ROOF	UPTO SECOND FLOOR ROOF	ABOVE SECOND FLOOR ROOF	
I	12"X24"	8"X24"	8-20#	4-20#+4-16#	8#-6" C/C
Ia	12"X24"	12"X24"	8-20#+2-16#	4-20#+6-16#	
II	12"X24"	8"X24"	4-20#+4-16#	8-16#	
IIa	12"X24"	8"X24"	4-20#+4-16#	8-16#	
III	12"X24"	8"X24"	8-16#	4-16#+4-12#	
IV	12"X18"	8"X18"	4-20#+4-16#	8-16#	
IVa	12"X18"	8"X18"	4-20#+4-16#	8-16#	
V	12"X18"	8"X18"	4-20#+4-16#	8-16#	
VI	12"X18"	8"X18"	8-16#	8-16#	
VII	12"X18"	8"X18"	4-16#+4-12#	4-16#+4-12#	
IIb	12"X24"	8"X24"	4-20#+4-16#	8-16#	

FOOTINGS WITH A MAXIMUM ECCENTRICITY OF 2" (50mm) SHALL BE SIMILAR TO CONCENTRIC FOOTING AND TO BE LAID AS PER DIMENSIONS IN THE PLAN

NOTE

1. USE CONCRETE MIX M25 & 43 GRADE CEMENT
2. # -INDICATES DIA OF TOR STEEL OF GRADE Fe500
3. PROVIDE 1" (25mm) COVER FOR BEAM REINFORCEMENT AND ¾" (20mm) COVER FOR SLAB REINFORCEMENT
4. PROVIDE A LAP LENGTH OF 45ø FOR SLAB AND BEAM REINFORCEMENT (WHERE ø IS SMALLER DIA IN LAP BARS)
5. NOT MORE THAN 50% OF BARS (Ast) SHALL BE LAPPED AT SAME CROSS SECTION
6. CURING OF CONCRETE SHALL BE DONE FOR 28 DAYS

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REV.	DATE	DESCRIPTION	BY

AFFORDABLE HOUSING UNITD 49 PHASE I
PROPOSED APARTMENT BUILDING
AT COIMBATORE

FOUNDATION PLAN

☐	FOR DISCUSSION	DESIGNED BY	P.S
☐	FOR TENDER	DRAWN BY	P.S
☑	FOR CONSTRUCTION	APPROVED BY	M.M

arch DESIGN STUDIO
NO.7, Ramakrishnapuram,
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Coimbatore - 641001
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UNITD LOGO

SCALE	1"=11'-6"(1:138)	DATE	14-03-2024
DRG. NO.	22-16-S1	R0	

buoyancy
CIVIL AND STRUCTURAL ENGINEERING
10B Muthu Nagar | Thudiyalur | Coimbatore - 641 034
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Zoning & Land Use Analysis

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Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

Verified RealEstate™

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

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