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RE REGULATORY RECORD

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DIGITALLY VERIFIED RECORD

METIS structures

S Arun Kumar M.E.(struct)
+91 97900 06296
+91 90472 06296
metisstructures@gmail.com

FORM 4B

STRUCTURAL STABILITY CERTIFICATE BY REGISTERED STRUCTURAL ENGINEER

(To be furnished on Completion of Building)

Date: 30.09.2025

I **S.Arun Kumar M.E. (Structural)** have undertaken assignment as Structural Engineer for the the detailed design and construction of the building/block/Tower no:1 of the Building comprising Stilt+4 floors (consist of 24 Residential dwelling units of Stilt + 4 floors) situated in the land bearing survey Numbers S.F.NO: 463/3A1A16B, Sri Vignesh Nagar, Palangarai Village & Panchayat, Avinashi Taluk ,Tiruppur District within the municipal coporation measuring 892 Sq.m (As per approved)- Block-1 RB - FSI area of 2265.76 Sq.m. alone has been done by me/us based on the report of geotechnical investigation (soil test) done by M/s. Vijay Builders for Material Testing Report No. VB/SIR/2023/SEP/002 Dated 20.09.2023

It is certified that the building has been designed as a RCC structure to withstand the dead load, impose Load and wind load/ earthquake loads ensuring structural safety and serviceability as per the norms and guidelines prescribed in applicable relevant standards and codes of Bureau of Indian Standards.

Further after the details inspection of the building, it is certified that the constructed building is `structurally safe and sound for the purpose for which it is constructed.

Yours Faithfully

Signature, Name and seal
of the Registered Structural Engineer

S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT

GOVT. OF TAMILNADU

DIRECTORATE OF TOWN & COUNTRY PLANNING

DISTRICT TOWN & COUNTRY PLANNING OFFICE,COIMBATORE

Ground & first floor ,Door no -50, FCI Road,

Gandhimaa nagar ,Coimbatore-641004.

Phone : 0422-2380243 ,E- Mail : Kovaidisttcp@gmail.com

PROFESSIONAL REGISTRATION CERTIFICATE

This is to certify that the Thiru.**S.ARUN KUMAR** has enrolled as **Structural Engineer Grade –I(SE)** with District Town and country Planning, Coimbatore who has the qualification of **M.E(Structural Engineering)** and experience in the relevant field for 10 years.

He has been given the Registration No. **Coimbatore LPA/SE/GR-I/066/2024 on 01.08.2024.** He shall be required to comply with the duties and responsibilities prescribed by the government of tamilnadu in part V, "Registration of Professionals " ,Tamil Nadu Combined Development and Building Rules ,2019 approved vide G.O (Ms) No .18 MAWS (MA1) Dept.Dated .04.02.2029

This Registration Certificate is valid upto **31.07.2029**

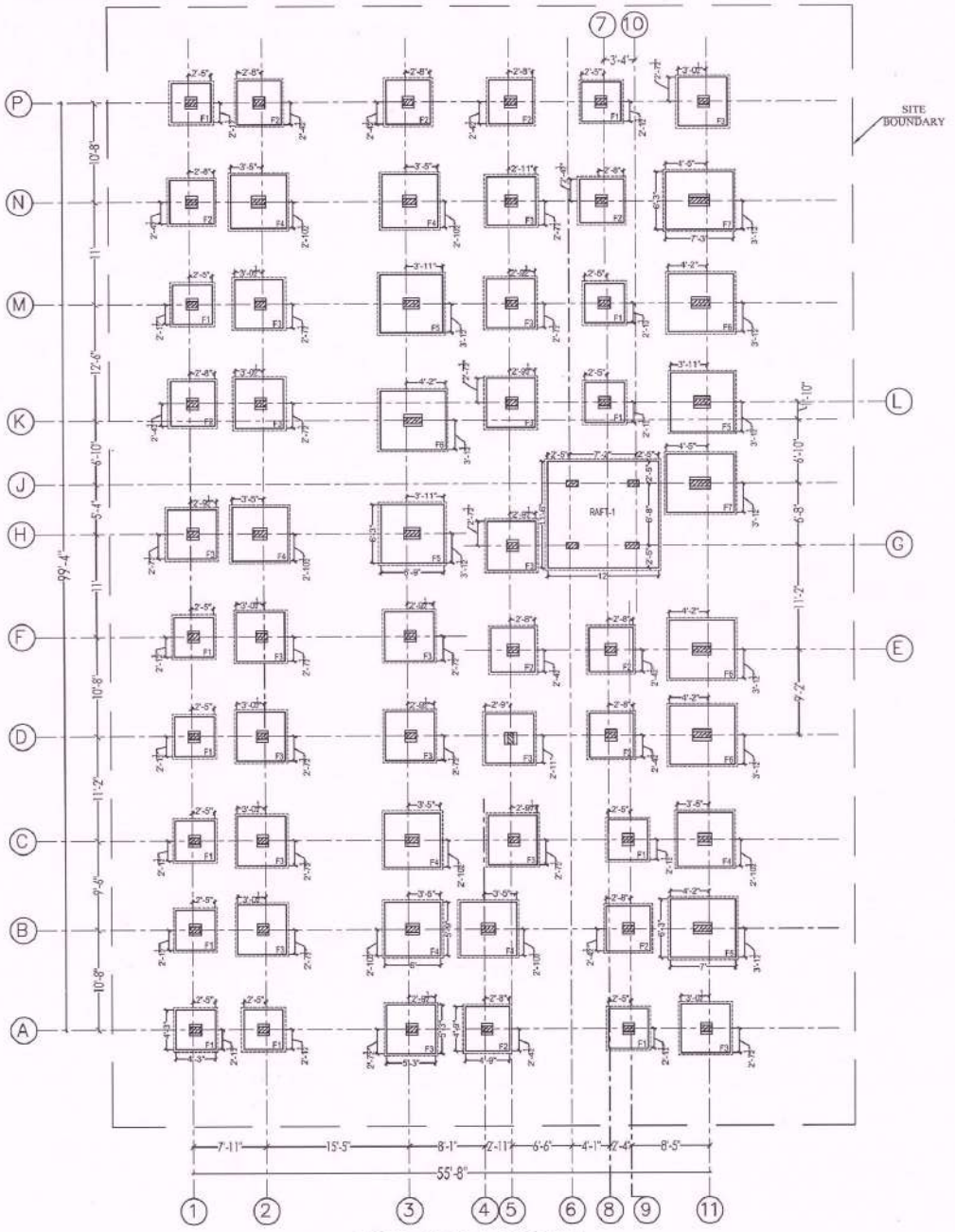


JOINT DIRECTOR (I/C)

DISTRICT TOWN AND COUNTRY PLANNING,

COIMBATORE

S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT



FOOTING LAYOUT

General Notes :-

1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M25 GRADE CONCRETE & Fe500 STEEL.
4. USE CLEAR COVER :
   - 40MM FOR COLUMN.
   - 25MM FOR BEAMS.
   - FOR FOOTING(75MM-SIDE FACE)&(50MM-BOTTOM).
5. THIS BUILDING IS DESIGNED FOR STILT+4 FLOORS ONLY.
6. SBC OF SOIL CONSIDERED =290KN/m² @ 3.66m from N.G.L.
7. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
8. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
10. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.

S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT

REV	DESCRIPTION	DATE	BY
1	COLUMN & FOOTING LAYOUT REVISED FOR BRICK WALL LOADING	13.01.24	PRAVEEN.M

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :-
Mr.Manivannan.,
—

PROJECT TITLE :-
Mr.Manivannan Appartment-19&20.,
—

ARCHITECT NAME :-
M/s.Inner Space.,
—

DRAWING TITLE :-
Footing Layout.,

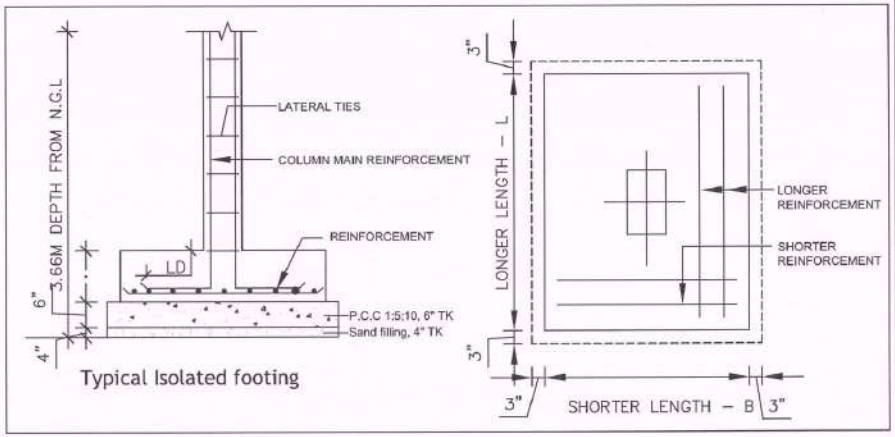
STRUCTURAL CONSULTANTS
METIS STRUCTURES
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2922/FD/1
R1

DESIGN BY :	HARIHARAN.P	APPD BY :	S.ARUN KUMAR
DRAWN BY :	PRAVEENKANNAN.M	DATE :	08.01.2024
CHKD BY :	VISHNU VARDAN.A	SH.SIZE : A3	SCALE NTS

FOOTING SCHEDULE :

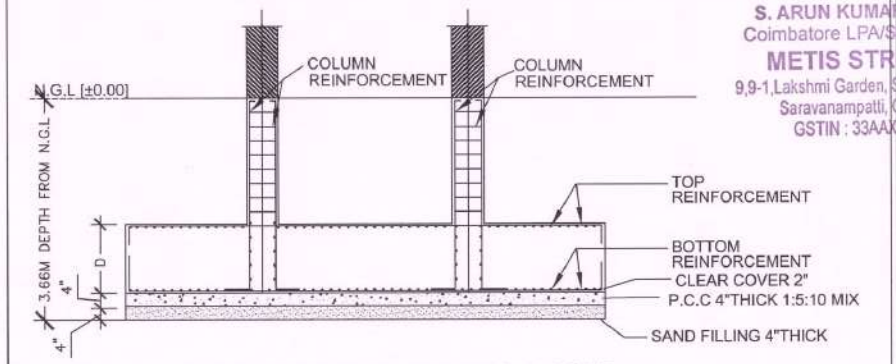
TYPE	L	B	D	BOTTOM REINFORCEMENT		COLUMN SIZE	NO OF FOOTINGS
				SHORT	LONG		
F1	4'3"	4'3"	1'6"	Y10@5"C/C	Y10@5"C/C	1'3"X1'3"	13
F2	4'9"	4'9"	1'6"	Y10@5"C/C	Y10@5"C/C	1'3"X1'3"	11
F3	5'3"	5'3"	1'6"	Y10@5"C/C	Y10@5"C/C	1'3"X1'3"	18
F4	6'0"	5'9"	1'9"	Y12@6"C/C	Y12@6"C/C	1'6"X1'3"	07
F5	6'9"	6'3"	1'9"	Y12@6"C/C	Y12@6"C/C	1'9"X1'3"	03
F6	7'0"	6'3"	1'9"	Y12@6"C/C	Y12@6"C/C	2'0"X1'3"	05
F7	7'3"	6'3"	1'9"	Y12@6"C/C	Y12@6"C/C	2'3"X1'3"	02
						TOTAL	59



Typical Isolated footing

RAFT FOOTING SCHEDULE :

TYPE	L	B	D	BOTTOM/TOP REINFORCEMENT		NO.OF COLUMNS	NO.OF FOOTINGS
				SHORT	LONG		
RAFT–1	12'0"	11'6"	1'9"	Y10@5"C/C	Y10@5"C/C	04	01
						TOTAL	01



RAFT /COMBINED FOOTING TYPICAL LAYOUT

S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT

General Notes :-

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2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M25 GRADE CONCRETE & Fe500 STEEL.
4. USE CLEAR COVER :
   * 40MM FOR COLUMN.
   * 25MM FOR BEAMS.
   * FOR FOOTING(75MM–SIDE FACE)&(50MM–BOTTOM).
5. THIS BUILDING IS DESIGNED FOR STILT+4 FLOORS ONLY.
6. SBC OF SOIL CONSIDERED =290kN/m² @ 3.66m from N.G.L.
7. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
8. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
10. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.

REV	DESCRIPTION	DATE	BY
1	COLUMN & FOOTING LAYOUT REVISED FOR BRICK LOADING	13.01.24	PRAVEEN.M

FOR DISCUSSION
FOR APPROVAL ✓
FOR CONSTRUCTION

N

CLIENT :
Mr.Manivannan.,
--

PROJECT TITLE :
Mr.Manivannan Appartment-19&20
--

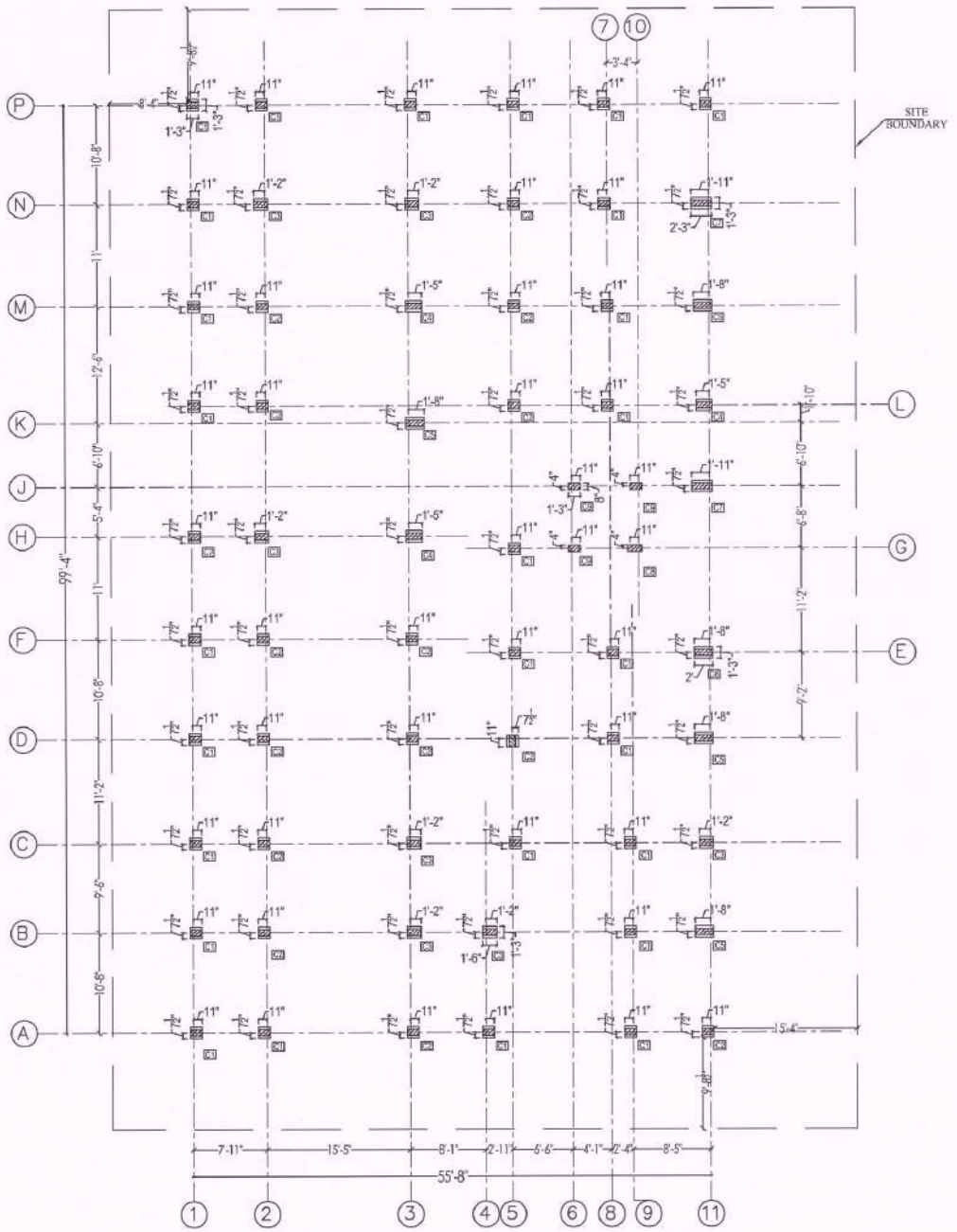
ARCHITECT NAME :
M/s.Inner Space
--

DRAWING TITLE :
Footing Reinforcement Detail.,

STRUCTURAL CONSULTANT
METIS STRUCTURES
—re enforcing dream—
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DESIGN BY :	HARIHARAN.P	APPD BY :	S.ARUN KUMAR
DRAWN BY :	GUNAL.M	DATE :	08.01.2024
CHKD BY :	VISHNU VARDAN.A	SH.SIZE : A3	SCALE NTS

DRAWING NO
MS/2922/FRD/01.A
R1



COLUMN LAYOUT UPTO PLINTH BEAM LEVEL

General Notes :-

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S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT

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1	COLUMN & FOOTING LAYOUT REVISED FOR BRICK WALL LOADING	13.01.24	PRAVEEN.M

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :-
Mr.Manivannan.,
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PROJECT TITLE :-
Mr.Manivannan Appartment-19&20.,
--

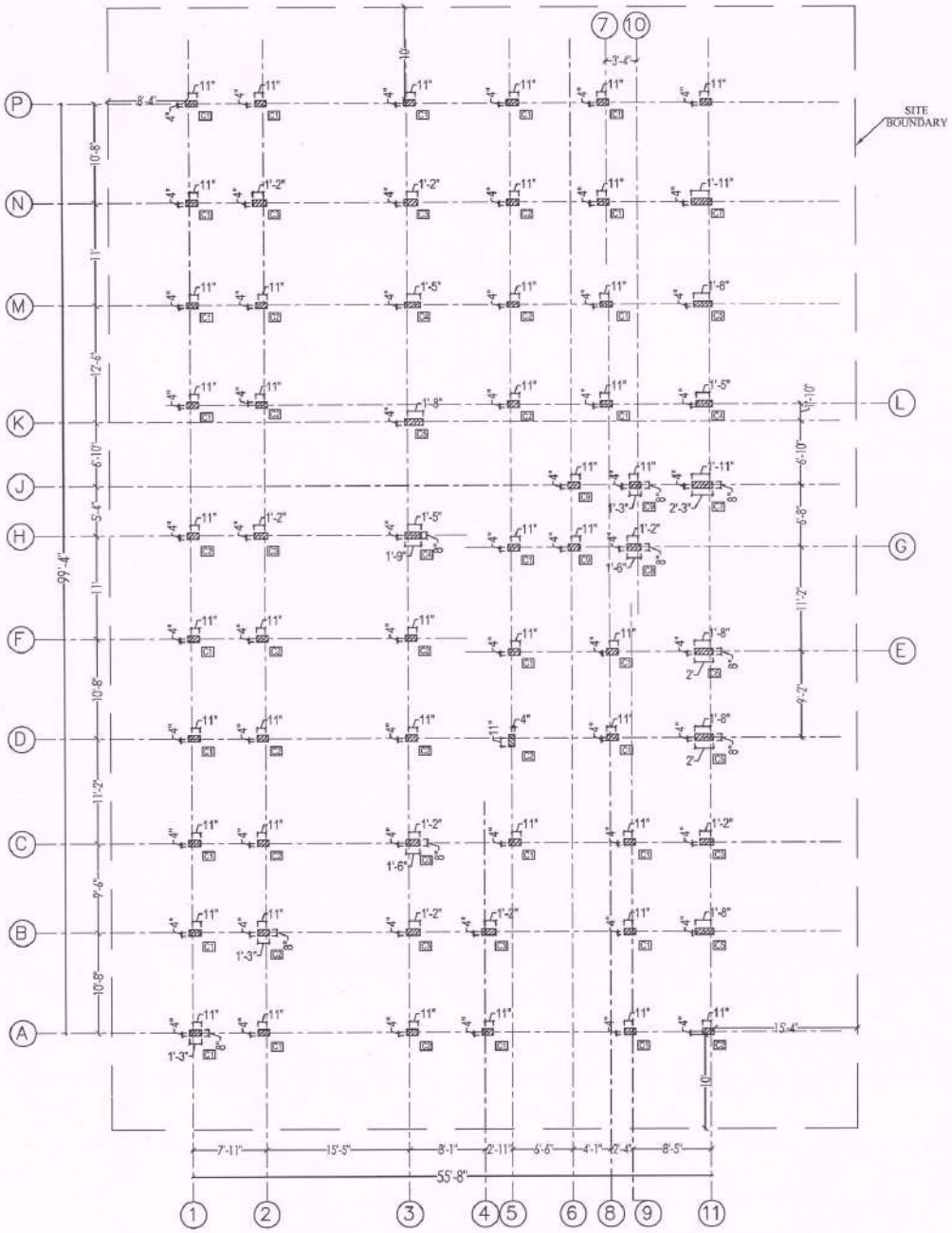
ARCHITECT NAME :-
M/s.Inner Space.,
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DRAWING TITLE :-
Column Layout Upto Plinth Beam Level.,

STRUCTURAL CONSULTANTS
METIS STRUCTURES
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2922/CD/2
R1

DESIGN BY :	HARIHARAN.P	APPD BY :	S.ARUN KUMAR
DRAWN BY :	PRAVEENKANNAN.M	DATE :	08.01.2024
CHKD BY :	VISHNU VARDAN.A	SH.SIZE : A3	SCALE NTS



COLUMN LAYOUT FROM PLINTH BEAM TO TERRACE FLOOR LEVEL

General Notes :-

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S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
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FOR DISCUSSION	
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CLIENT :
Mr.Manivannan.,
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PROJECT TITLE :
Mr.Manivannan Appartment-19&20.,
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ARCHITECT NAME :
M/s.Inner Space.,
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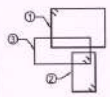
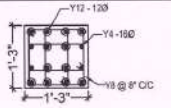
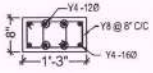
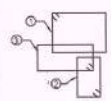
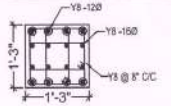
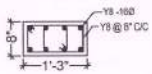
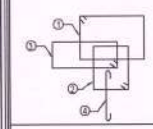
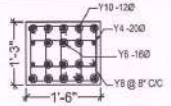
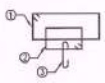
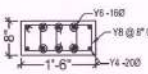
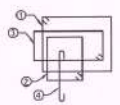
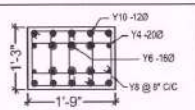
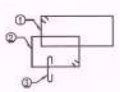
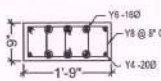
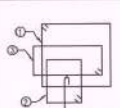
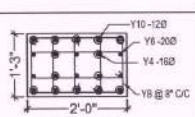
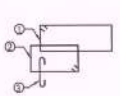
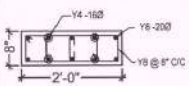
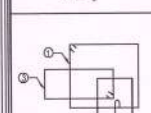
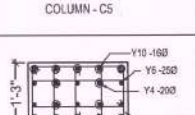
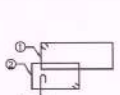
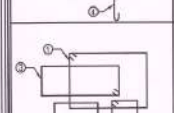
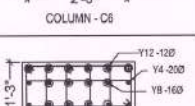
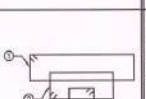
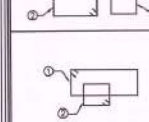
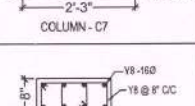
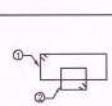
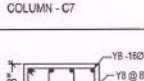
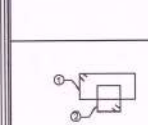
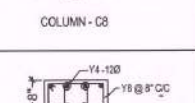
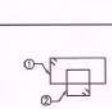
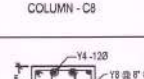
DRAWING TITLE :
Column Layout From Plinth Beam Level.,

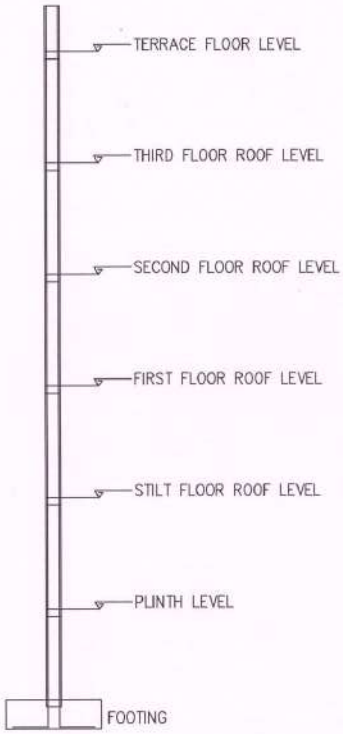
STRUCTURAL CONSULTANTS
METIS STRUCTURES
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2922/CD/2.A
R1

DESIGN BY :	HARIHARAN.P	APPD BY :	S.ARUN KUMAR
DRAWN BY :	PRAVEENKANNAN.M	DATE :	08.01.2024
CHKD BY :	VISHNU VARDAN.A	SH.SIZE : A3	SCALE NTS

COLUMN REINFORCEMENT DETAIL:

TIES PATTERN	UPTO PLINTH BEAM LEVEL	TIES PATTERN	FROM PLINTH BEAM TO TERRACE FLOOR LEVEL	NO.OF COLUMN
	 COLUMN - C1		 COLUMN - C1	27
	 COLUMN - C2		 COLUMN - C2	15
	 COLUMN - C3		 COLUMN - C3	07
	 COLUMN - C4		 COLUMN - C4	03
	 COLUMN - C5		 COLUMN - C5	04
	 COLUMN - C6		 COLUMN - C6	01
	 COLUMN - C7		 COLUMN - C7	02
	 COLUMN - C8		 COLUMN - C8	01
	 COLUMN - C9		 COLUMN - C9	03
			TOTAL	63



TYPICAL C/S OF A COLUMN

NOTES: –

- ● –LARGER DIA ROD
- ◉ –SMALLER DIA ROD (1)
- ⊕ –SMALLER DIA ROD (2)

General Notes :-

1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M25 GRADE CONCRETE & Fe500 STEEL.
4. USE CLEAR COVER :
   - * 40MM FOR COLUMN.
   - * 25MM FOR BEAMS.
   - * FOR FOOTING(75MM–SIDE FACE)&(50MM–BOTTOM).
5. THIS BUILDING IS DESIGNED FOR STILT+4 FLOORS ONLY.
6. SBC OF SOIL CONSIDERED =290kN/m² @ 3.66m from N.G.L.
7. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
8. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
10. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.

S. ARUN KUMAR, ME., (Struct.)
Coimbatore LPA/SE/GR-I/066/2024
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT

REV	DESCRIPTION	DATE	BY
1	COLUMN & FOOTING LAYOUT REVISED FOR BRICK WALL LOADING	13.01.24	PRAVEEN.M

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :-
Mr.Manivannan.,
--

PROJECT TITLE :-
Mr.Manivannan Appartment-19&20.,
--

ARCHITECT NAME :-
M/s.Inner Space.,
--

DRAWING TITLE :-
Column Reinforcement Detail.,

STRUCTURAL CONSULTANTS

METIS STRUCTURES
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2022/CD/02.0
R1

DESIGN BY :	HARIHARAN.P	APPD BY :	S.ARUN KUMAR
DRAWN BY :	PRAVEENKANNAN.M	DATE :	08.01.2024
CHKD BY :	VISHNU VARDAN.A	SH.SIZE : A3	SCALE NTS


TVH
GPS Map Camera
Google
Avinashi, Tamil Nadu, India 🇮🇳
57pj+gm6, Kaikattipudhur, Avinashi, Tamil Nadu 641654, India
Lat 11.186043° Long 77.281673°
25/09/2025 03:47 PM GMT +05:30

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.