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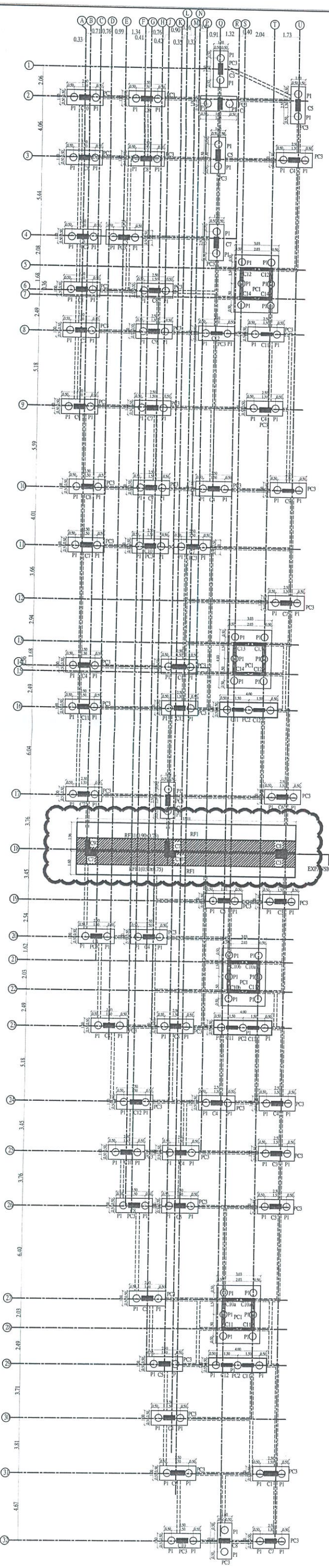
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Chennai, India

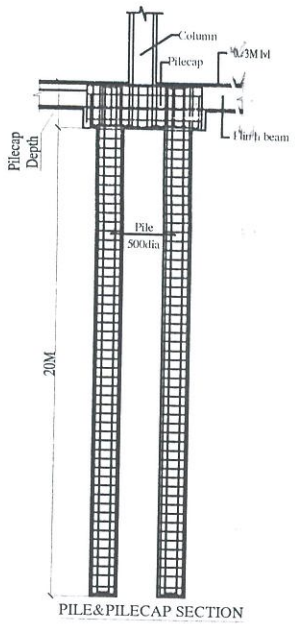
hello@verified.realestate
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PILE&PILECAP SECTION

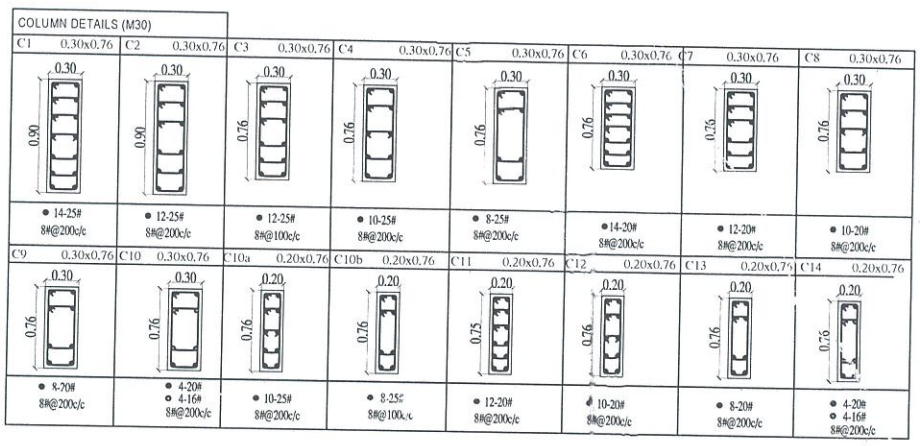


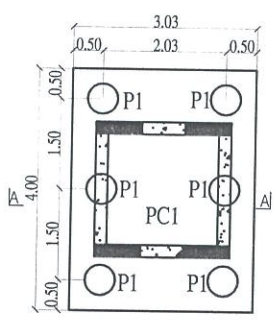
C/S OF PILE
P1- 0.50Dia

PILE CAP DETAILS (M30)

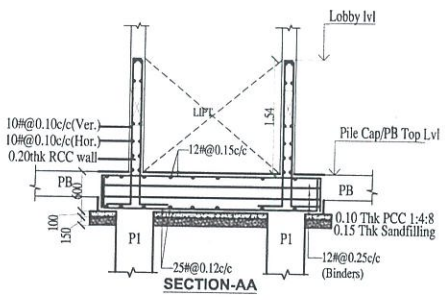
TYPE	LENGTH	BREADTH	DEPTH	BOTTOM REINF	TOP REINF.	BINDERS
PC1	3.03	4.0	0.85	REFER DETAILS		
PC2	4.0	1.0	0.85	REFER DETAILS		
PC3	2.50	1.0	0.85	REFER DETAILS		

COLUMN DETAILS (M30)

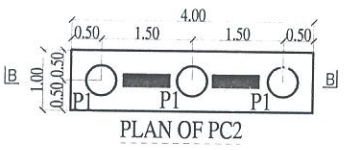




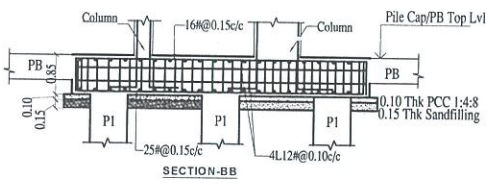
PLAN OF PC1



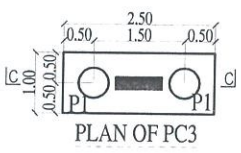
SECTION-AA



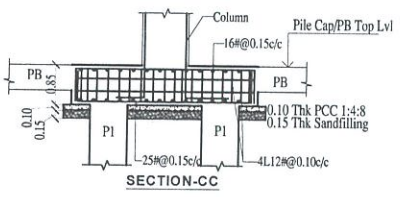
PLAN OF PC2



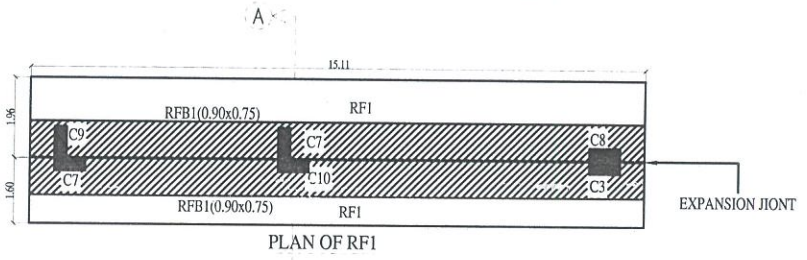
SECTION-BB



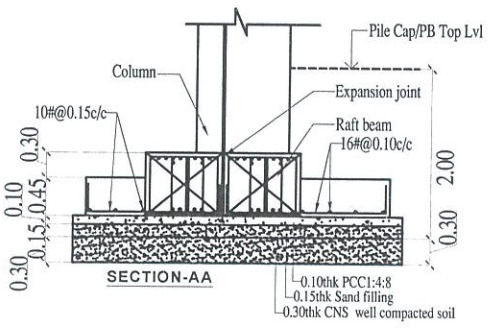
PLAN OF PC3



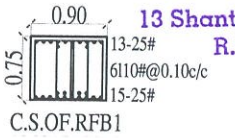
SECTION-CC



PLAN OF RF1



SECTION-AA



C.S.OF.RFB1
0.90X0.75

GENERAL NOTES:-

1. All dimensions in Feet & Inches.
2. Dimensions to be read, not scaled.
3. Clear cover to the main reinf. as follows
a) Col 25mm for 12mm bars & 40mm for >12mm
b) Pile Foundation 50mm
c) R.C.C. Wall 40mm
4. Use M25Conc & Fe500 unless specified otherwise.
5. Use M-25 Concrete for Pile only.
6.Pile cap cl to coincide with column cl.
7. Found. designed for Stilt+5 Flrs. only.
8. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 0.50 dia

Removal of formwork(Shuttering)

1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II

A) Vertical side of shuttering columns, Walls & beams - 24 Hours
B) Bottom shuttering of Slabs (Keeping the Props) - 3 Days
C) Bottom shuttering of Beams (Keeping the Props) - 7 Days
d) Props to Slabs:
i) Spanning Upto 4.5M- 14 Days ii) Spanning Over 4.5M-21 Days e) Props to Beams & Arches: i) Spanning Upto 6M - 21 Days ii) Spanning Over 6M - 28 Days Lap joints for Reinforcment bars i) At any cross section of the member not more than 50% of the Bars shall be lapped
ii) Laps shall be staggered with a minimum centre to centre distance of 1.3 times lap lenght of the bar for Tension & Compression members
iii) Lap lenght shall be 50 times the diameter of the bar for Tension & Compression members iv) Laps in columns shall be provided at midheight of floor and not at slab level
v) Laps in beams and columns shall be provided at the point of contraflexure.
vi) Welding of bars shall be done as a stitch weld for 5 times diameter of bar and a gap of 5 times higher diameter bar and bar using arc welding and special electrodes after obtaining written approval from the structural designer
vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

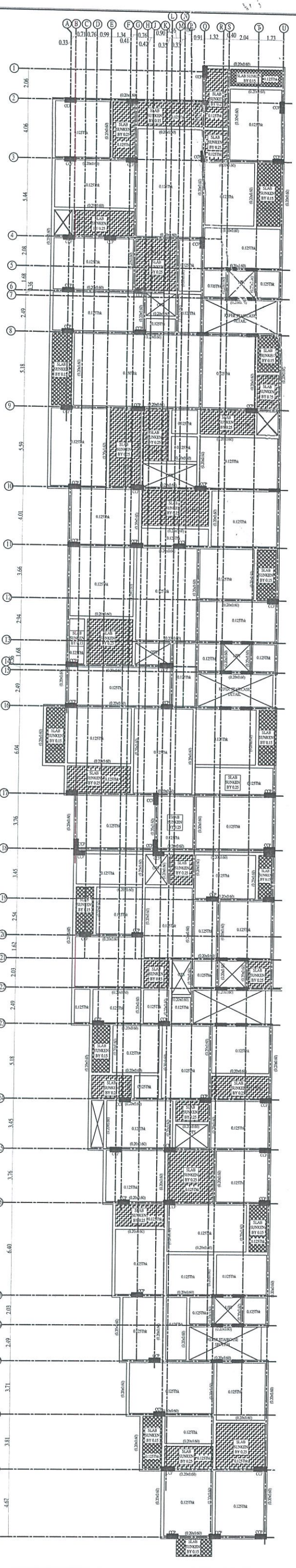
PLAN SHOWING THE PROPOSED CONSTRUCTION OF NON HIGHRISE RESIDENTIAL BUILDING STILT + 5 FLOORS WITH 18.30M HEIGHT WITH 40 DWELLING UNITS AT OLD NO.8, NEW NO.1, NOWROJI ROAD, CHETPET, CHENNAI-600031 IN OLD S.NO.376/67,68 AND 85, BLOCK NO.23 OF EGMORE VILLAGE, EGMORE TALUK, WITHIN THE LIMITS GREATER CHENNAI CORPORATION.

TITLE	FOUNDATION DETAILS
SHEET NO: 01	
SCALE : NTS	

N

R. DEENAGOPALAN B.E., Civil
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R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299911063
STRUCTURAL ENGINEER

OWNERS



GENERAL NOTES:-

1. All dimensions in Feet & Inches.
2. Dimensions to be read, not scaled.
3. Clear cover to the main reinf. as follows
a) Col 25mm for 12mm bars & 40mm for >12mm
b) Pile Foundation 50mm
c) R.C.C. Wall 40mm
4. Use M25Conc & Fe500 unless specified otherwise.
5. Use M-25 Concrete for Pile only.
6.Pile cap cl to coincide with column cl.
7. Found. designed for Stilt+5 Flrs. only.
8. Pile cap cl to coincide with column cl.

Pile Dia Capacity(T) Allowable Pile

150 T 0.50 dia

Removal of formwork(Shuttering)

1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II

A) Vertical side of shuttering columns, Walls & beams - 24 Hours

B) Bottom shuttering of Slabs (Keeping the Props) - 3 Days

C) Bottom shuttering of Beams (Keeping the Props) - 7 Days

d) Props to Slabs:

i) Spanning Upto 4.5M- 14 Days ii) Spanning Over 4.5M-21 Days e) Props to Beams & Arches: i) Spanning Upto 6M - 21 Days ii) Spanning Over 6M - 28 Days Lap joints for Reinforcment bars i) At any cross section of the member not more than 50% of the Bars shall be lapped

ii) Laps shall be staggered with a minimum centre to centre distance of 1.3 times lap lenght of the bar for Tension & Compression members

iii) Lap lenght shall be 50 times the diameter of the bar for Tension & Compression members iv) Laps in columns shall be provided at midheight of floor and not at slab level

v) Laps in beams and columns shall be provided at the point of contraflexure.

vi) Welding of bars shall be done as a stitch weld for 5 times diameter of bar and a gap of 5 times higher diameter bar and bar using arc welding and special electrodes after obtaining written approval from the structural designer

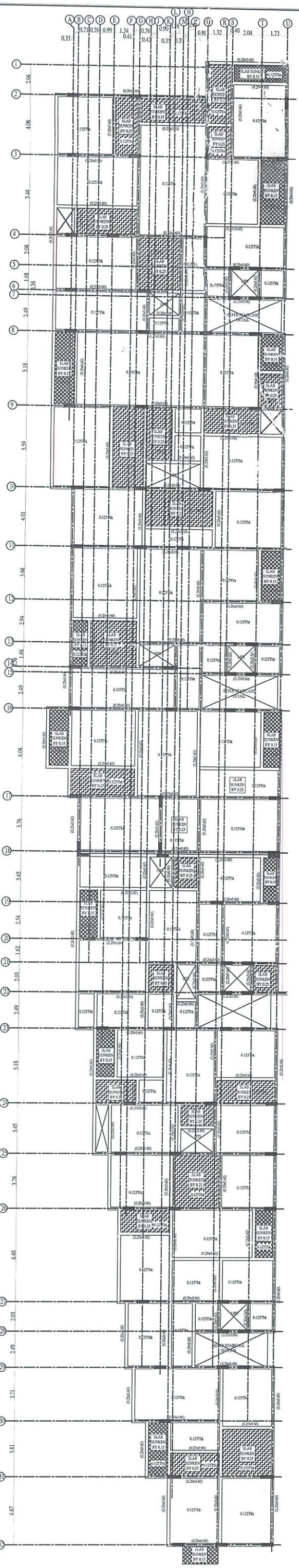
vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

PLAN SHOWING THE PROPOSED CONSTRUCTION OF NON HIGHRISE RESIDENTIAL BUILDING STILT + 5 FLOORS WITH 18.30M HEIGHT WITH 40 DWELLING UNITS AT OLD NO.8, NEW NO.1, NOWROJI ROAD, CHETPET, CHENNAI-600031 IN OLD S.NO.376/67,68 AND 85, BLOCK NO.23 OF EGMORE VILLAGE, EGMORE TALUK, WITHIN THE LIMITS GREATER CHENNAI CORPORATION.

TITLE	STILT FLOOR ROOF BEAM LAYOUT
SHEET NO: 02	N
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
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R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 72999
STRUCTURAL ENGINEER

OWNERS



SLAB SUNKEN DETAILS

TOILET SUNK BY 0.25

BALCONY&SERVICE SUNK BY 0.15

GENERAL NOTES:-

1. All dimensions in Feet & Inches.
2. Dimensions to be read, not scaled.
3. Clear cover to the main reinf. as follows
a) Col 25mm for 12mm bars & 40mm for >12mm
b) Pile Foundation 50mm
c) R.C.C. Wall 40mm
4. Use M25Conc & Fe500 unless specified otherwise.
5. Use M-25 Concrete for Pile only.
6.Pile cap cl to coincide with column cl.
7. Found. designed for Stilt+5 Flrs. only.
8. Pile cap cl to coincide with column cl.

File Dia Capacity(T) Allowable Pile

150 T 0.50 dia

Removal of formwork(Shuttering)

1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II

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vi) Welding of bars shall be done as a stitch weld for 5 times diameter of bar and a gap of 5 times higher diameter bar and bar using arc welding and special electrodes after obtaining written approval from the structural designer

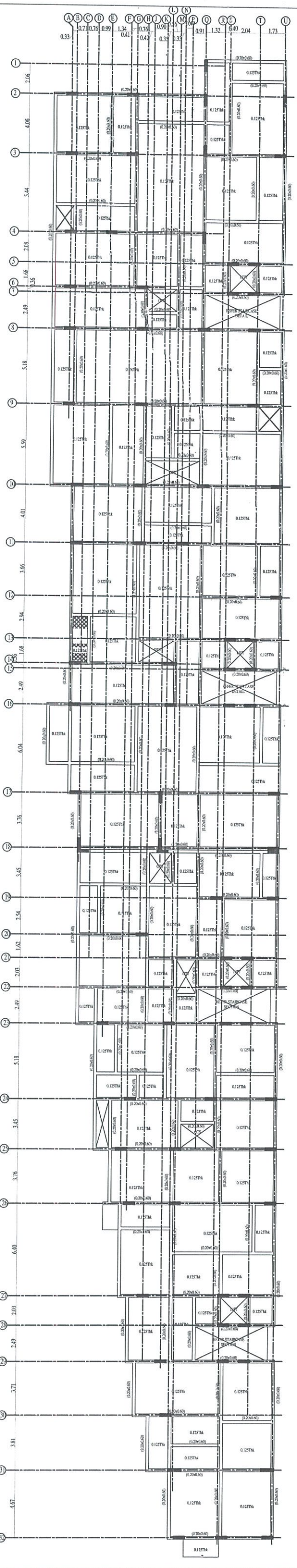
vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

PLAN SHOWING THE PROPOSED CONSTRUCTION OF NON HIGHRISE RESIDENTIAL BUILDING STILT + 5 FLOORS WITH 18.30M HEIGHT WITH 40 DWELLING UNITS AT OLD NO.8, NEW NO.1, NOWROJI ROAD, CHETPET, CHENNAI-600031 IN OLD S.NO.376/67,68 AND 85, BLOCK NO.23 OF EGMORE VILLAGE, EGMORE TALUK, WITHIN THE LIMITS GREATER CHENNAI CORPORATION.

TITLE	TYPICAL FLOOR ROOF BEAM LAYOUT (FIRST , SECOND ,THIRD & FOURTH)
SHEET NO: 03	N
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
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13 Shanti Enclave, 25 Venkatakrishna Rao
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299911063
STRUCTURAL ENGINEER

OWNERS



GENERAL NOTES:-

1. All dimensions in Feet & Inches.
2. Dimensions to be read, not scaled.
3. Clear cover to the main reinf. as follows
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b) Pile Foundation 50mm
c) R.C.C. Wall 40mm
4. Use M25Conc & Fe500 unless specified otherwise.
5. Use M-25 Concrete for Pile only.
6.Pile cap cl to coincide with column cl.
7. Found. designed for Stilt+5 Flrs. only.
8. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 0.50 dia

Removal of formwork(Shuttering)

1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II

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vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

PLAN SHOWING THE PROPOSED CONSTRUCTION OF NON HIGHRISE RESIDENTIAL BUILDING STILT + 5 FLOORS WITH 18.30M HEIGHT WITH 40 DWELLING UNITS AT OLD NO.8, NEW NO.1, NOWROJI ROAD, CHETPET, CHENNAI-600031 IN OLD S.NO.376/67,68 AND 85, BLOCK NO.23 OF EGMORE VILLAGE, EGMORE TALUK, WITHIN THE LIMITS GREATER CHENNAI CORPORATION.

TITLE	TERRACE FLOOR ROOF BEAM LAYOUT
SHEET NO: 04	N
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
13 Shanti Enclave, 25 Venkatakrishna Road,
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 72999
STRUCTURAL ENGINEER

OWNERS



our services doesn't just end there

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

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Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

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Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

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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

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

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+91 9996 12 9996
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