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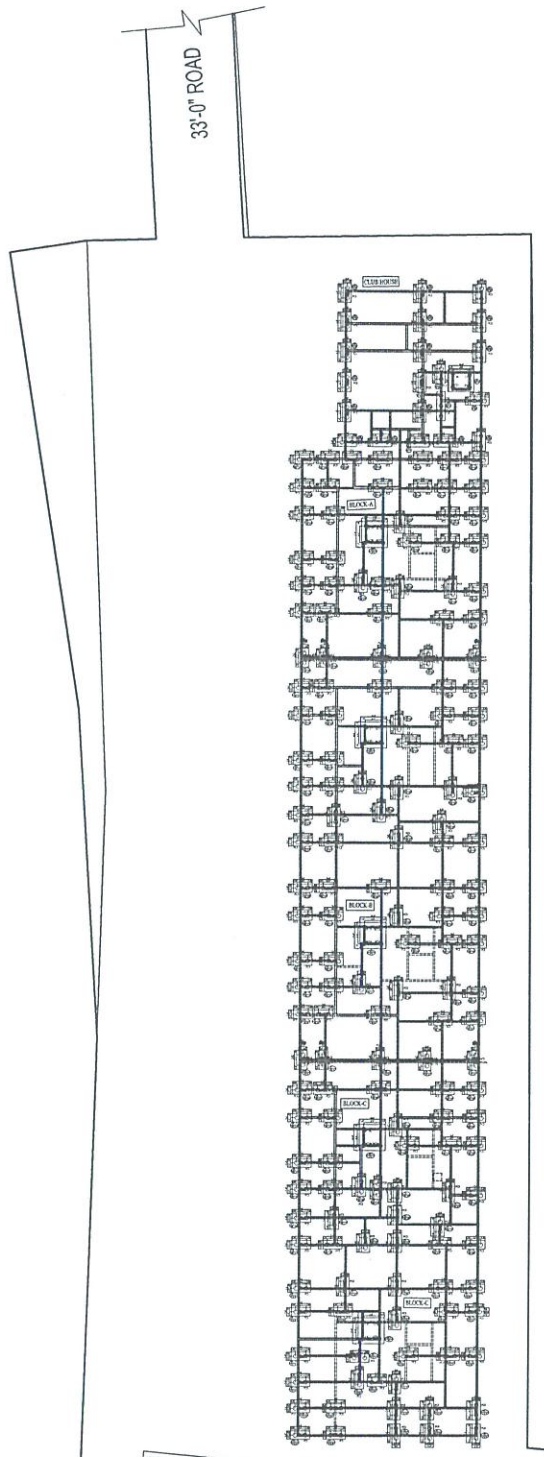
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OMR Thoraipakkam,
Chennai, India

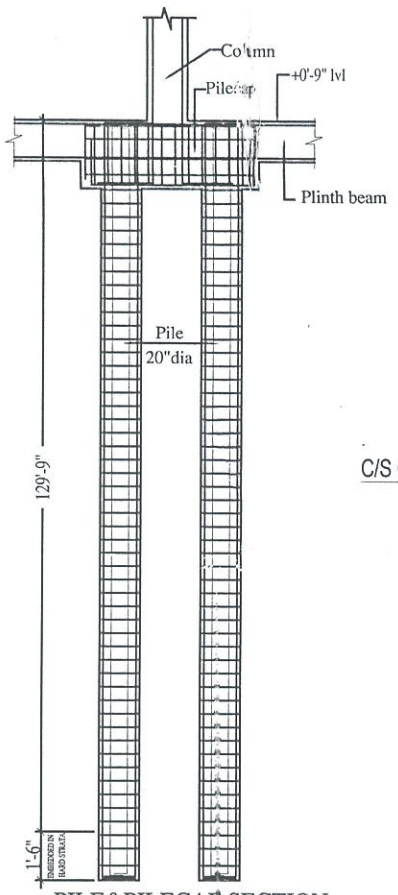
hello@verified.realestate
+91 9996 12 9996

Official Property Record

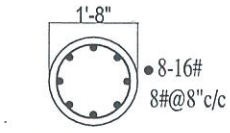
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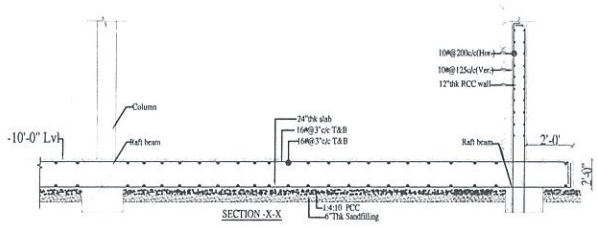


PILE&PILECAP SECTION



C/S OF PILE - P1 20"Dia

PILE FCAP DETAILS (M25)							
TYPE	LENGTH	BREADTH	DEPTH	BOTTOM REINF.	TOP REINF.	BINDERS	STIRRUPS
PC1	10'-0"	11'-8"	-	16#@3"c/c	12#@5"c/c	10#@6"c/c	
PC2	11'-8"	3'-4"	-	16#@3"c/c	12#@5"c/c	10#@6"c/c	
PC3	7'-6"	3'-4"	-	16#@3"c/c	12#@5"c/c	10#@6"c/c	



SECTION -X-X

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia Capacity(T)	Allowable
Pile 150 T	24" dia

Removal of formwork(Shuttering)

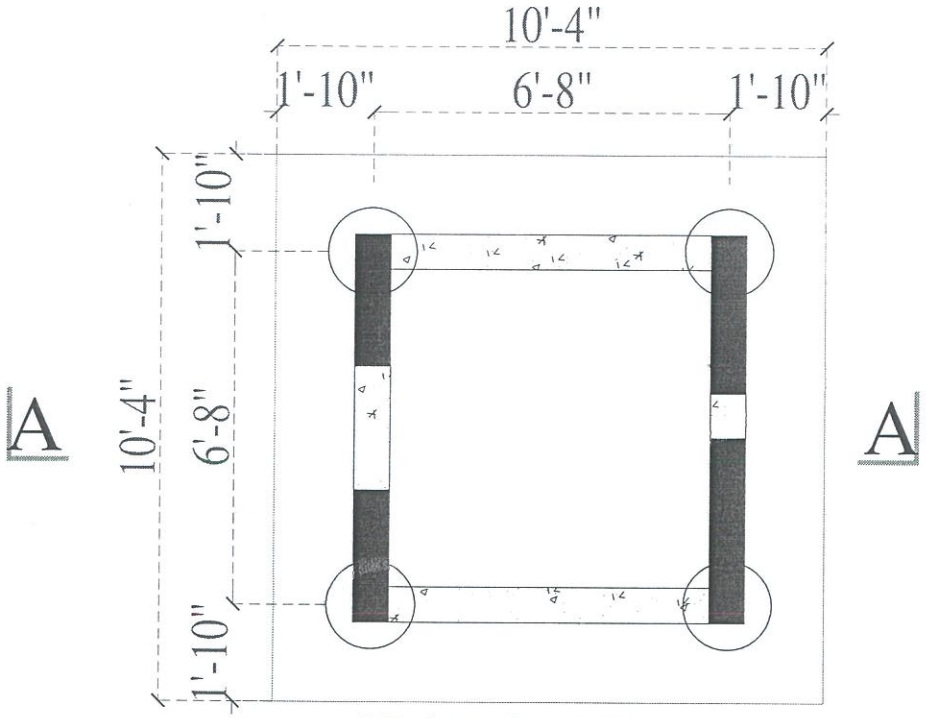
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C) Bottom shuttering of Beams (Keeping the Props) - 7 Days
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i) Spanning Upto 4.5M- 14 Days ii) Spanning Over 4.5M-21 Days e) Props to Beams & Arches: i) Spanning Upto 6M - 21 Days ii) Spanning Over 6M - 28 Days
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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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

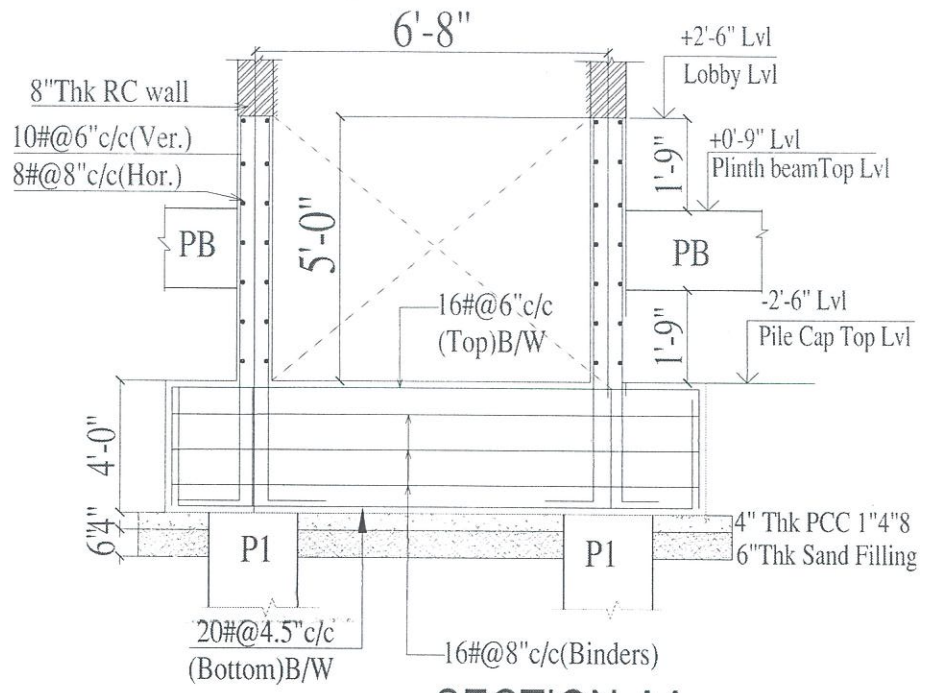
TITLE	FOUNDATION DETAILS
SHEET NO: 01	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civi
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
13 Shanti Enclave, 25 Venkatakrishna
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299911063
STRUCTURAL ENGINEER

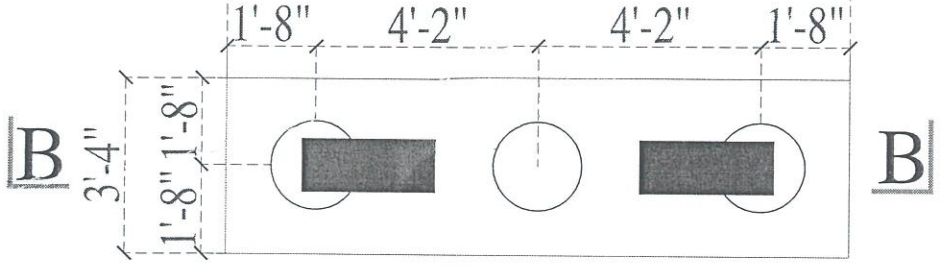
OWNERS



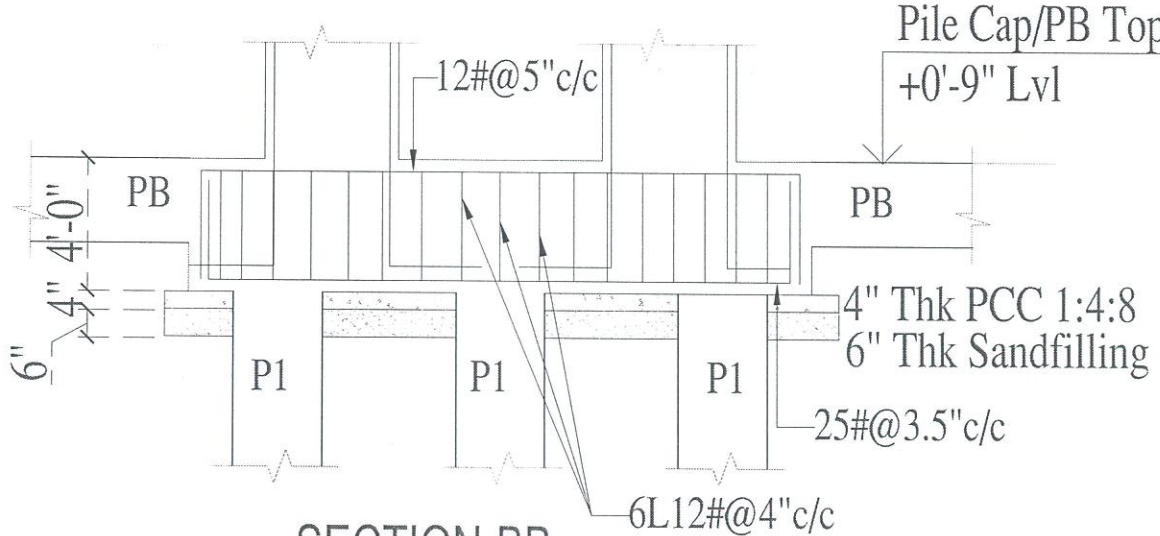
PLAN OF PC1



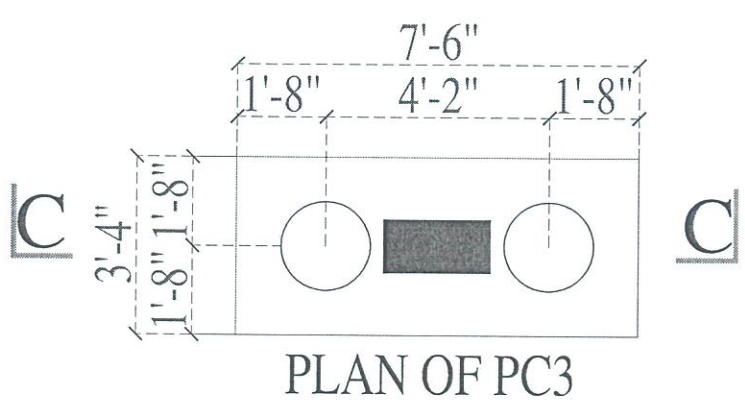
SECTION-AA



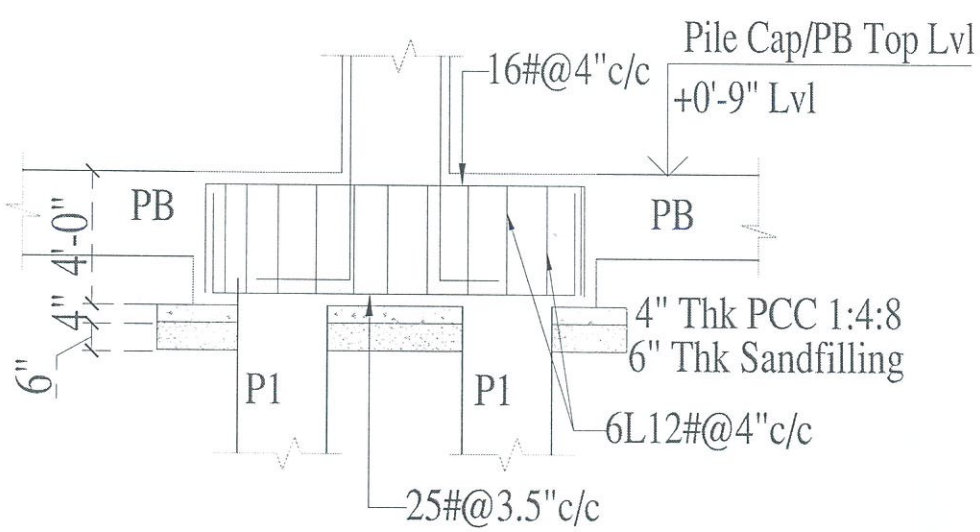
PLAN OF PC2



SECTION-BB



PLAN OF PC3



SECTION-CC

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" 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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE PROPOSED DETAILS

SHEET NO. A2

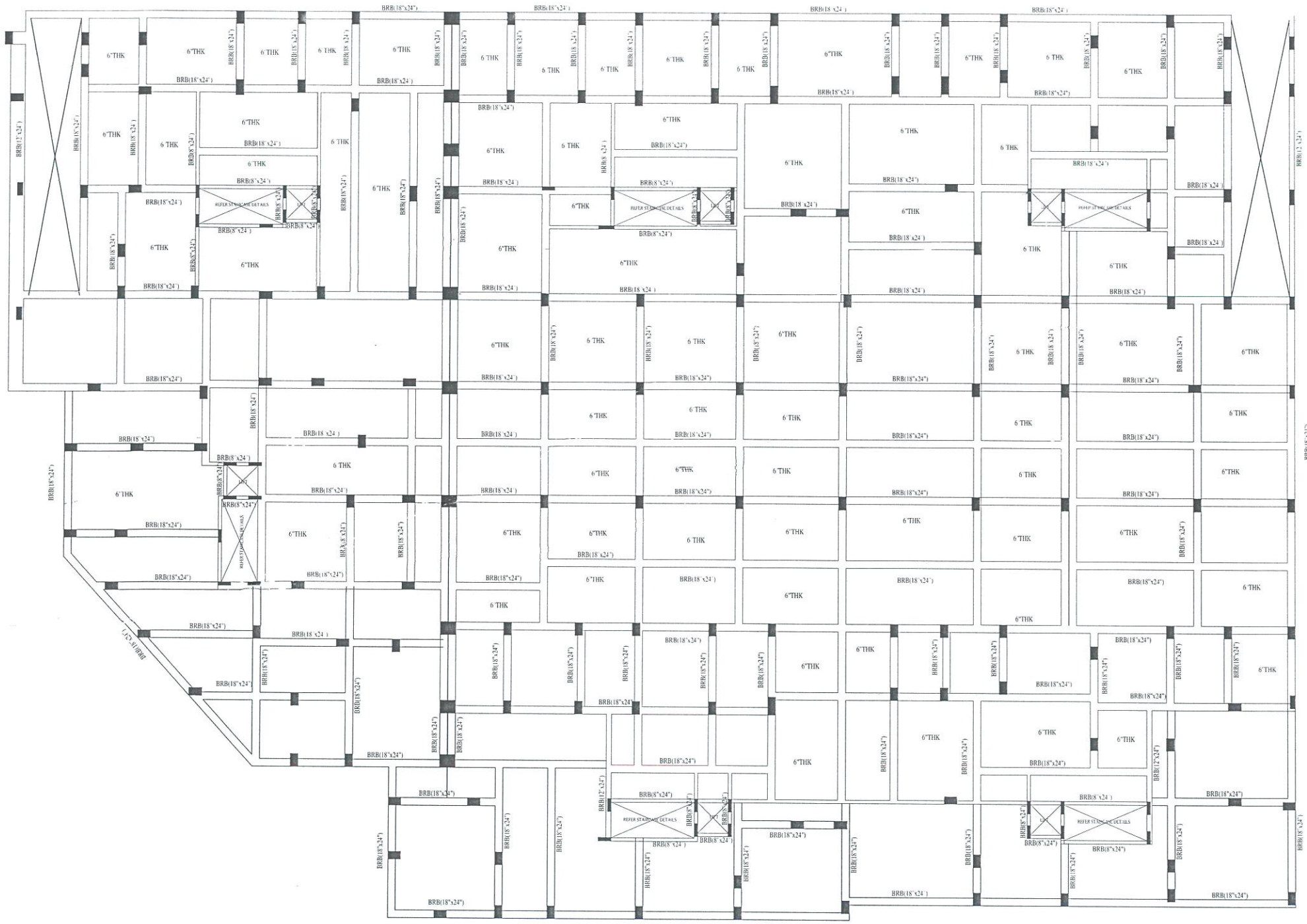
SCALE : NTS

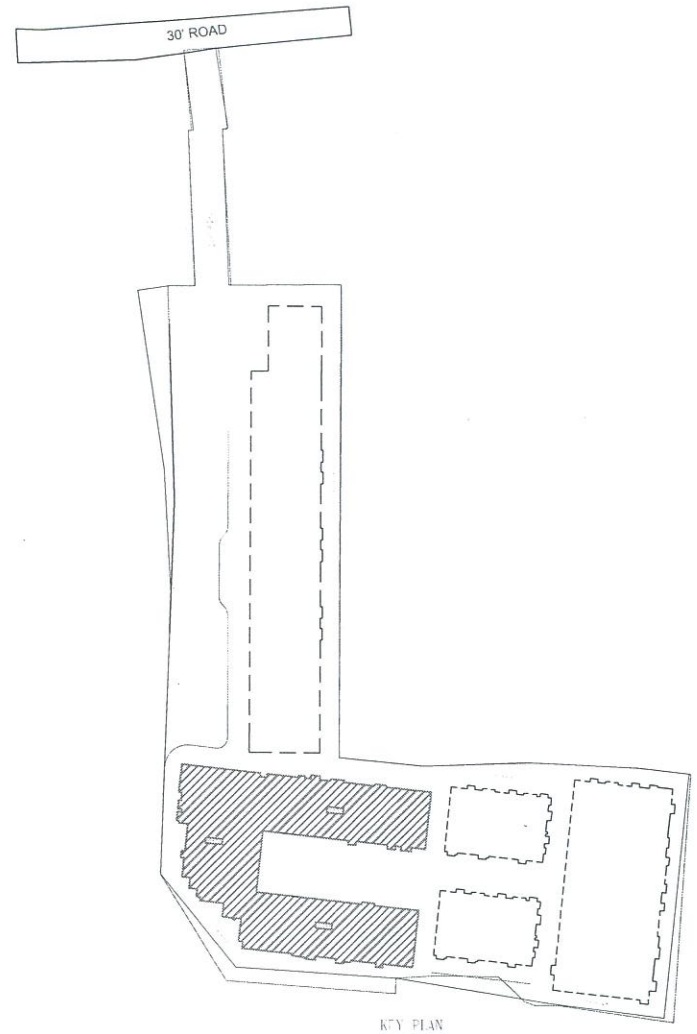
NORTH

R. Deenagopalan

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@curah.in STRUCTURAL ENGINEER
Mobile : 7299911063

OWNERS





KEY PLAN

GENERAL NOTES:-

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8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	Capacity(T)	Allowable Pile
24" dia	150 T	

Removal of formwork(Shuttering)

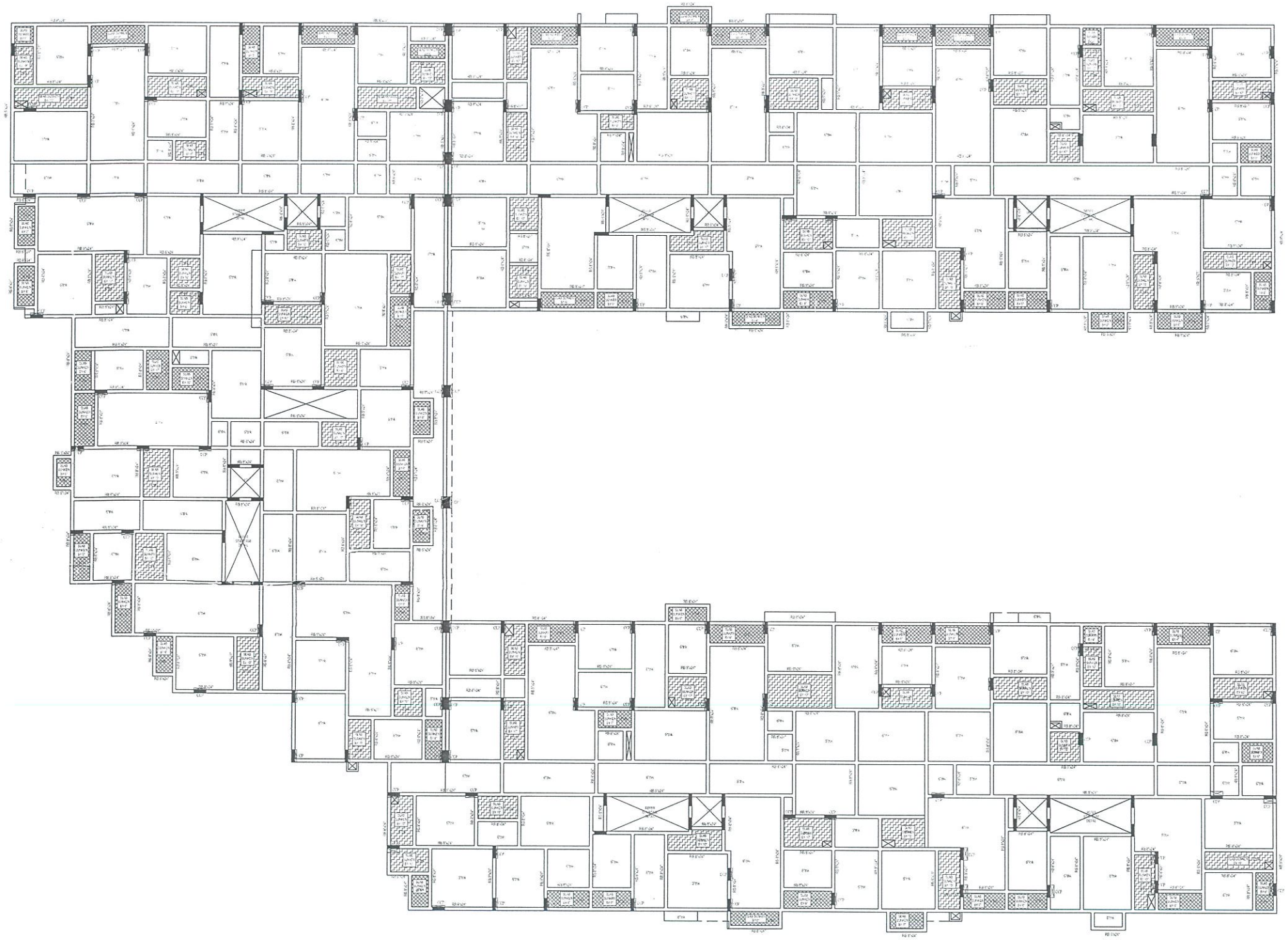
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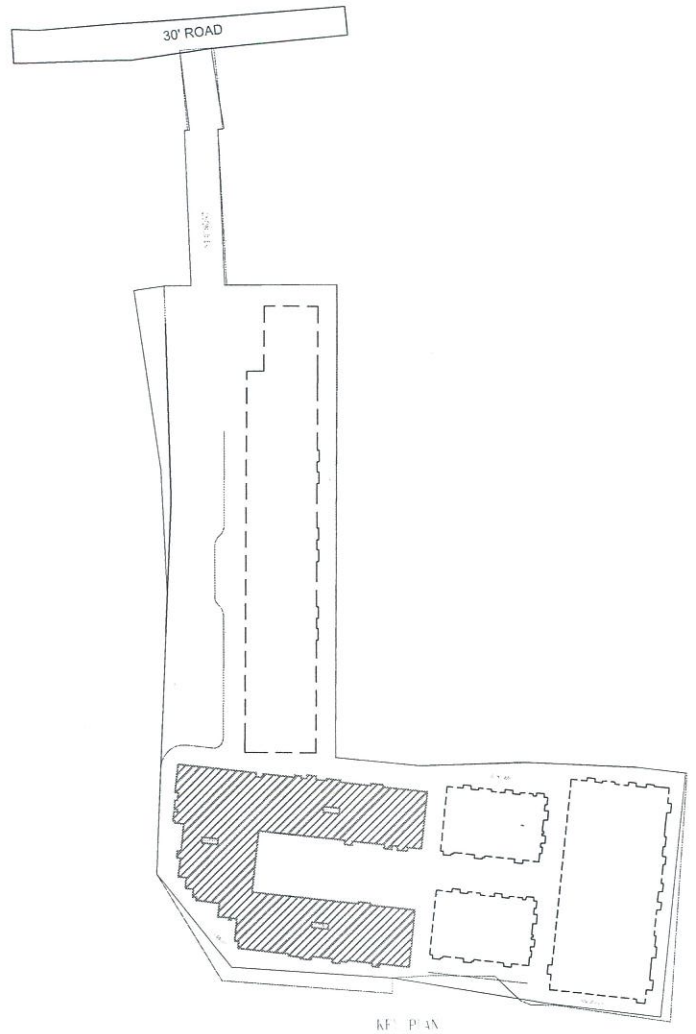
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	PROPOSED BASEMENT FLOOR ROOF BEAM LAYOUT
SHEET NO : 02	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
15 Shanti Enclave, 25 Venkatakrishna Road,
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299911063
STRUCTURAL ENGINEER

OWNERS





KEY PLAN

GENERAL NOTES:-

1. All dimensions in Feet & Inches.
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e) Roof Beams 25mm
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5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia

Capacity(T)	Allowable Pile
150 T	24" dia

Removal of formwork(Shuttering)

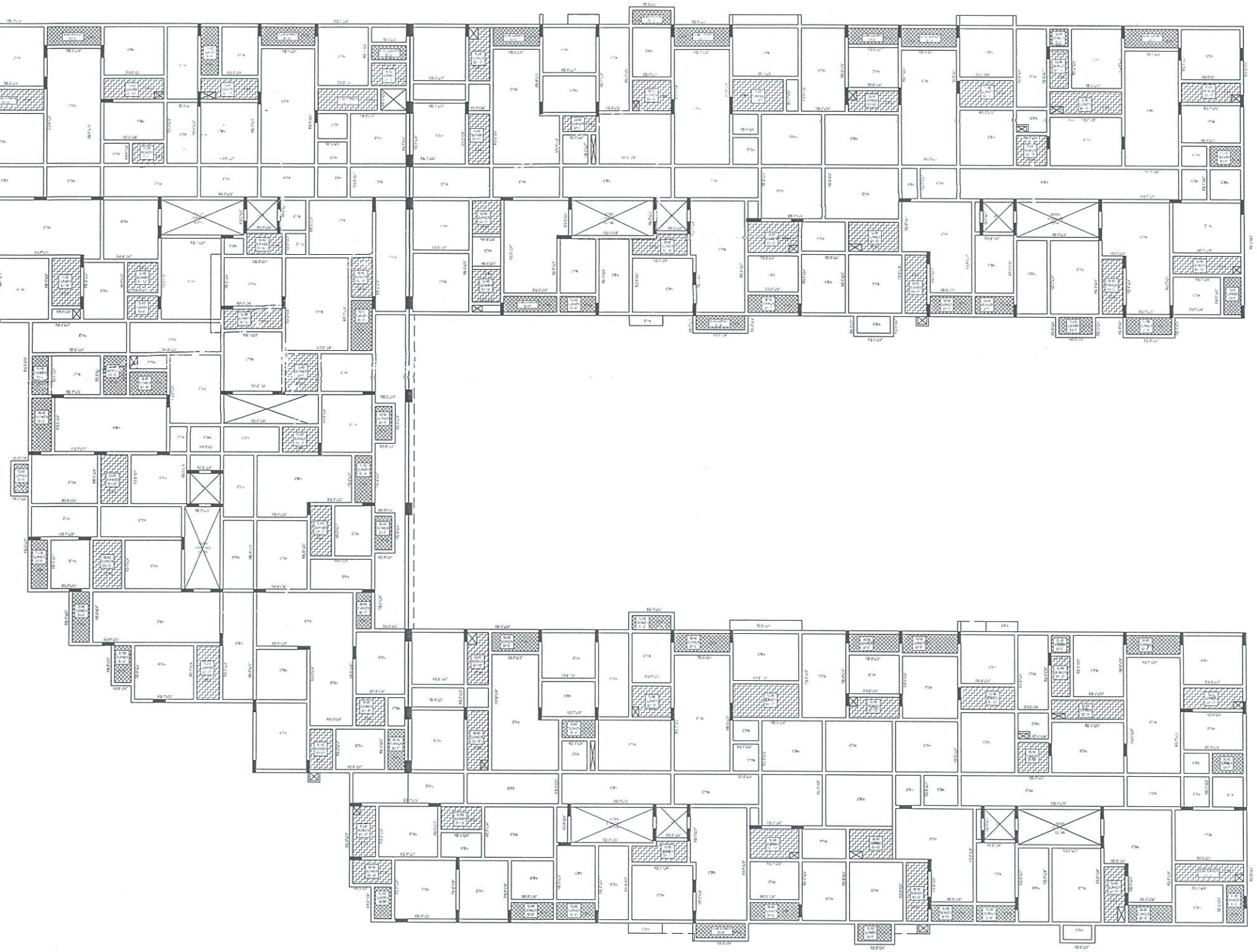
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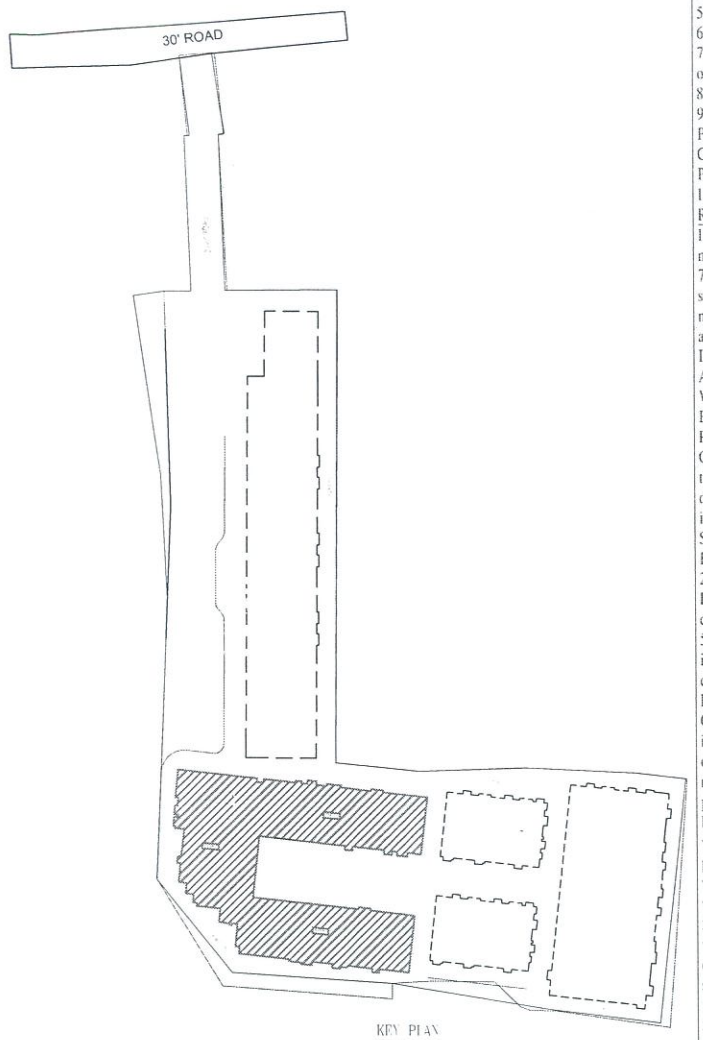
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	BLOCK D,E,F,I CLUB HOUSE, FLOOR, ROOF, BEAM LAYOUT FIRST SECOND THIRD FOURTH
SHEET NO. 02	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civ
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
13 Shanti Enclave, 25 Venkatakrishna I
R.A. Puram, Chennai - 600 028.
structural@carchi.in
Mobile : 7299911063

OWNERS





KEY PLAN

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e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
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5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia

Capacity(T)	Allowable Pile
150 T	24" dia

Removal of formwork(Shuttering)

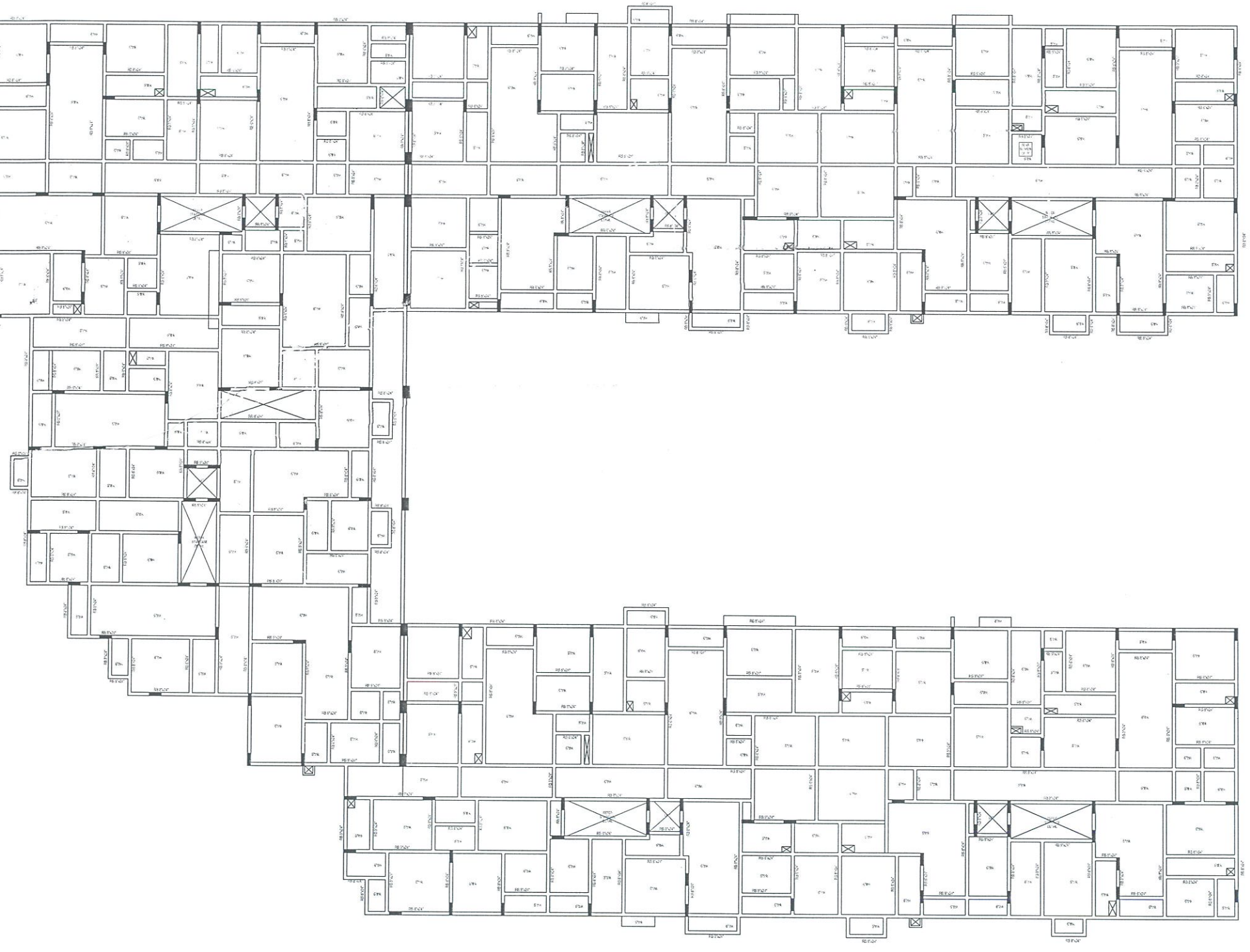
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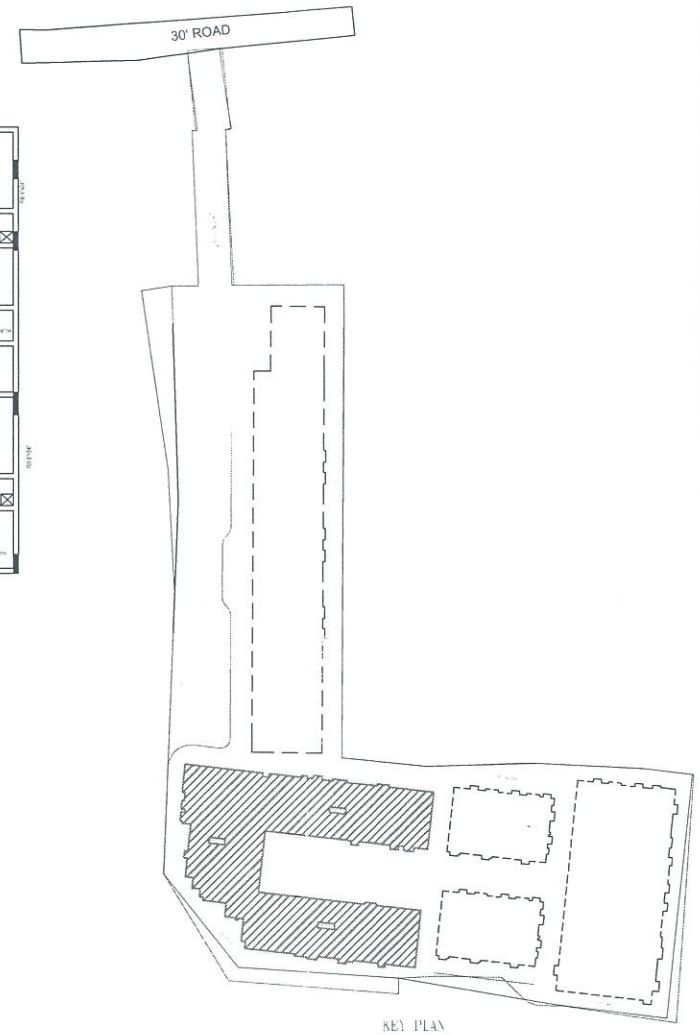
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TITLE	BLOCK D to I BASEMENT FLOOR ROOF BEAM LAYOUT
SHEET NO : 02	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
13 Shanti Enclave, 25 Venkatakrishna Rd
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299511063
STRUCTURAL ENGINEER

OWNERS





KEY PLAN

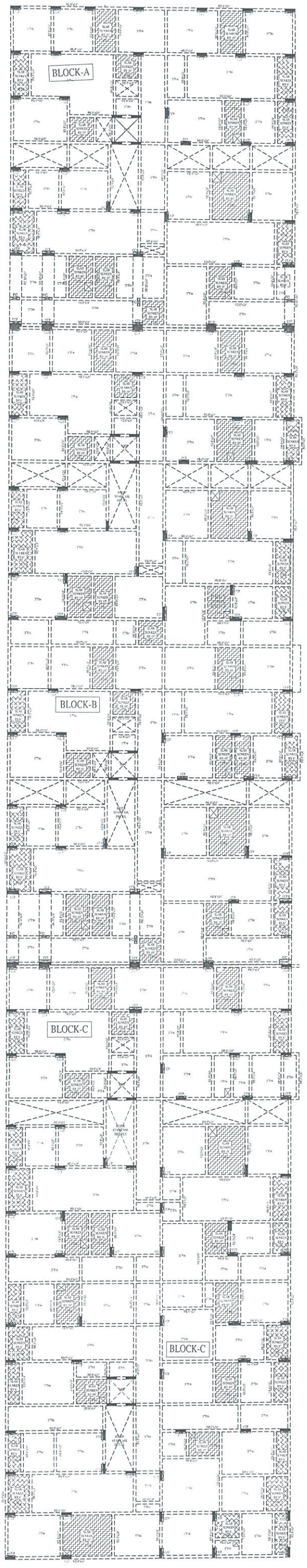
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6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs only.
9. Pile cap cl to coincide with column cl.
Pile Dia
Capacity(T) Allowable
Pile
150 T 24" dia
Removal of formwork(Shuttering)
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 placing 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

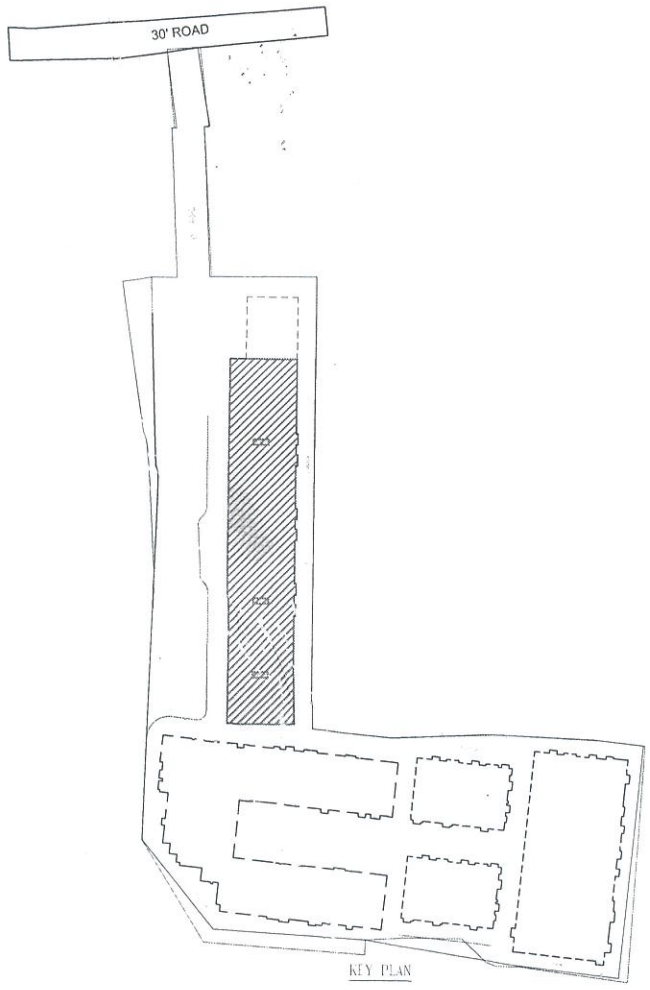
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	TERRACE FLOOR ROOF BEAM LAYOUT
SHEET NO : 02	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
19 Shanti Enclave, 25 Venkatakrishna Road,
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299917033
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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia Capacity(T)	Allowable Pile
150 T	24" dia

Removal of formwork(Shuttering)

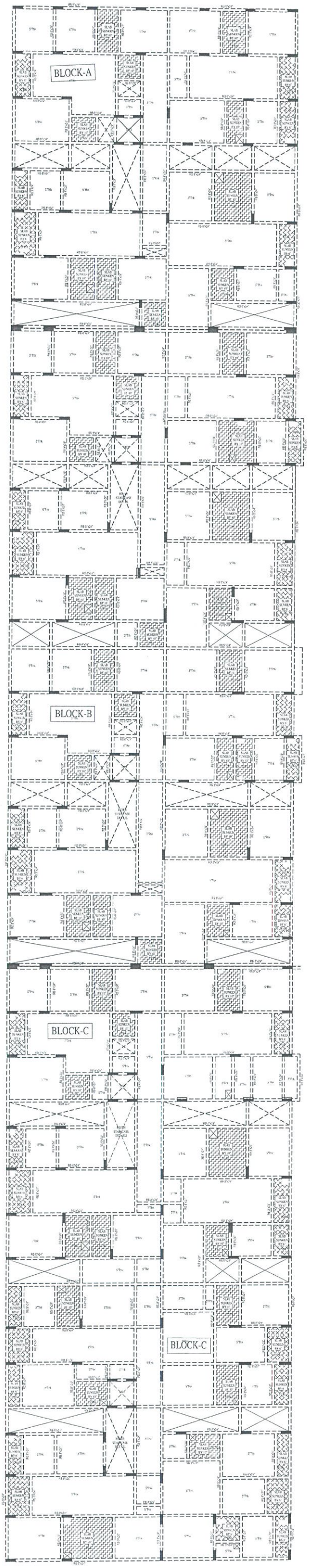
1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II
A) Vertical side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

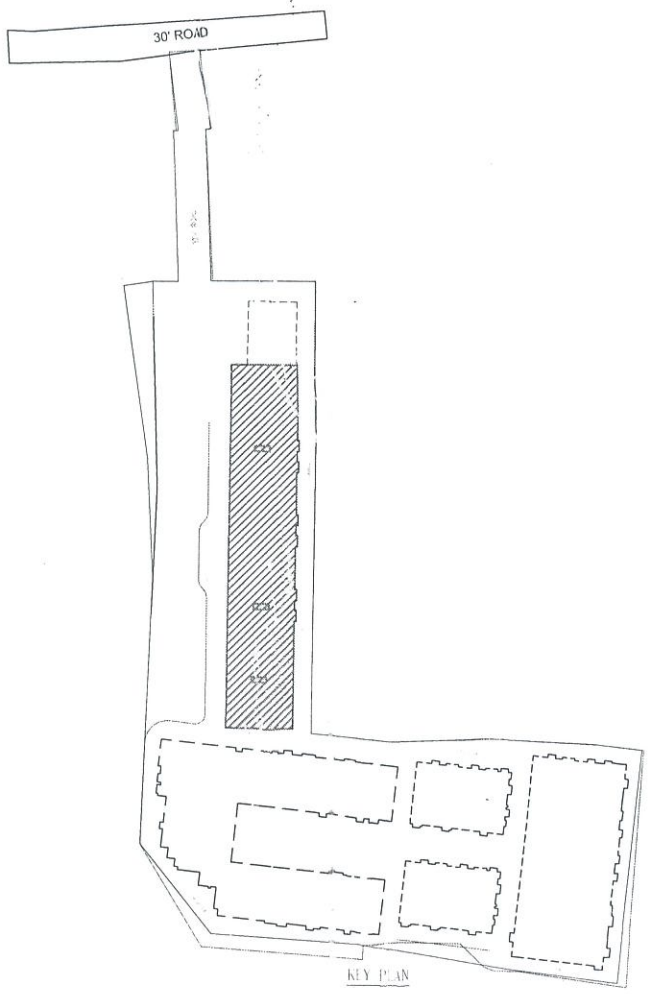
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, PONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	BLOCK A, B & C SITE PLAN FOR PROPOSED RESIDENTIAL LAYOUT
SHEET NO : 01	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
Enclave, 25 Venkatakrishna Road,
A Puram, Chennai - 600 028.
tural@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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	Capacity(T)	Allowable Pile
24" dia	150 T	

Removal of formwork(Shuttering)

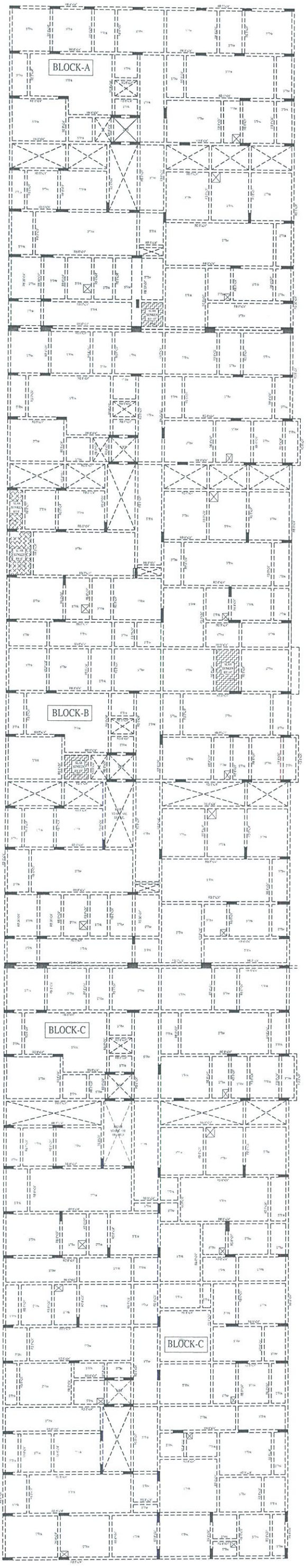
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B) Bottom shuttering of Slabs (Keeping the Props) - 3 Days
C) Bottom shuttering of Beams (Keeping the Props) - 7 Days
d) Props to Slabs:
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vi) Welding of bars shall be done as a stitch weld for 5 times 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

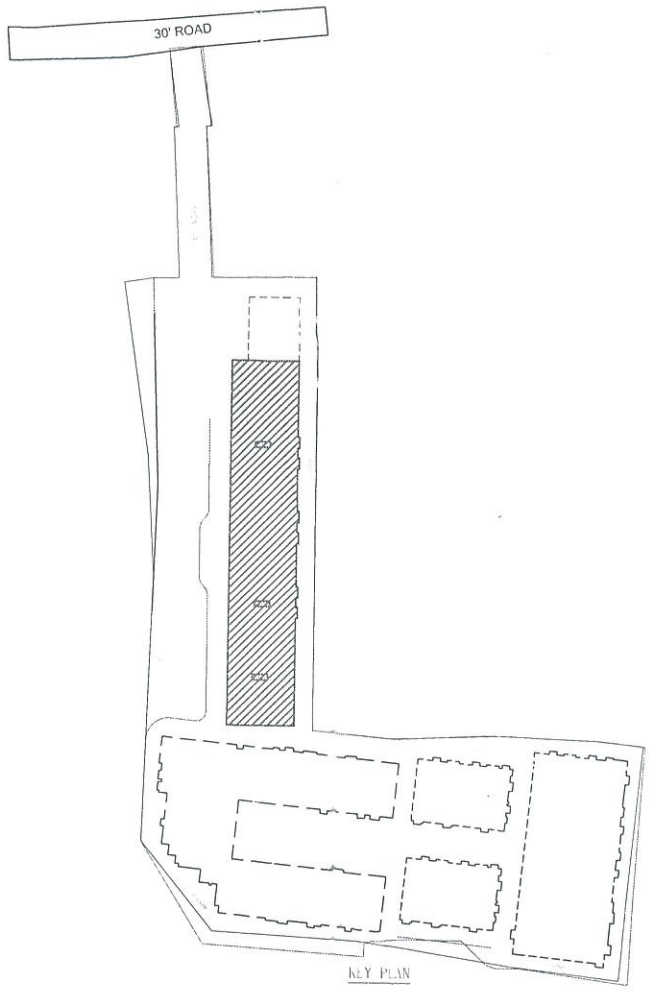
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	BLOCK A, B & C TYPICAL FLOOR ROOF BEAM LAYOUT (FIRST SECOND,THIRD & FOURTH)
SHEET NO : 01	NORTH
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 : 7299611063
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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	Capacity(T)	Allowable
Pile		
150 T		24" 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

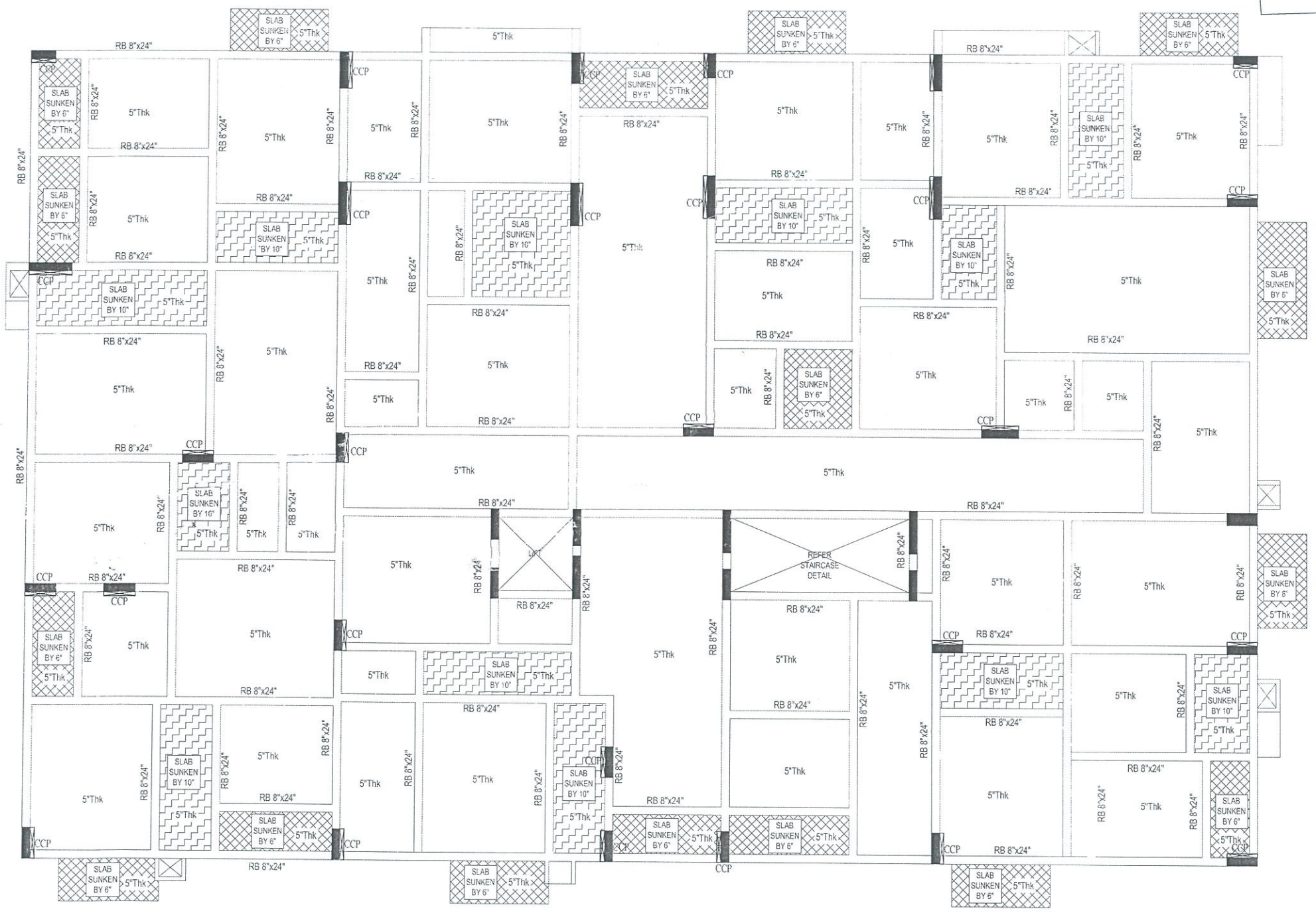
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

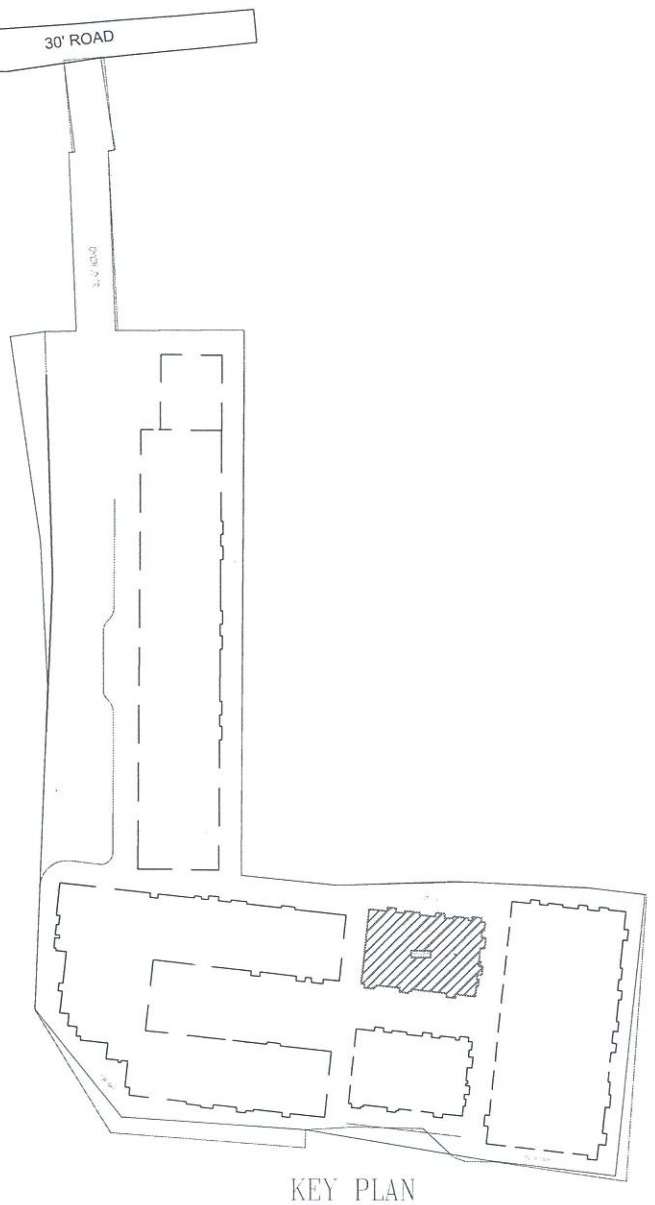
TITLE	BLOCK A, B & C TERRACE FLOOR BEAM LAYOUT
SHEET NO : 01	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
13 Shanti Enalave, 25 Venkatakrishna Road,
R.K. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299911063
STRUCTURAL ENGINEER

OWNERS

BLOCK-F





KEY PLAN

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" 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 1 & part II
A) Vertical side of shuttering columns, Walls & beams - 24 Hours
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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 Reinforcement bars i) At any cross section of the member not more than 50% of the Bars shall be lapped
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vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

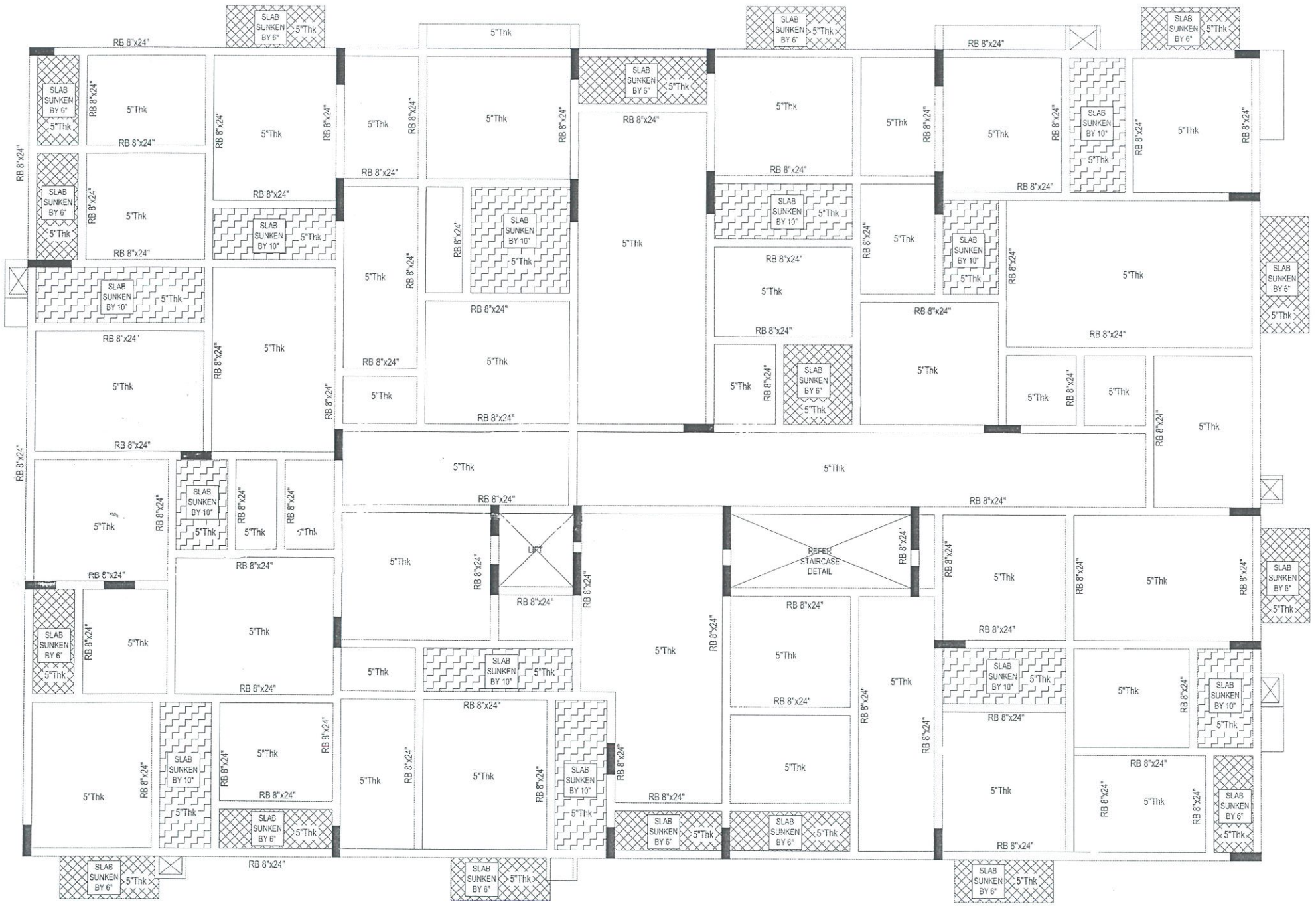
TITLE	BLOCK-F STILT FLOOR ROOF BEAM LAYOUT
SHEET NO: 02	NORTH
SCALE : NTS	

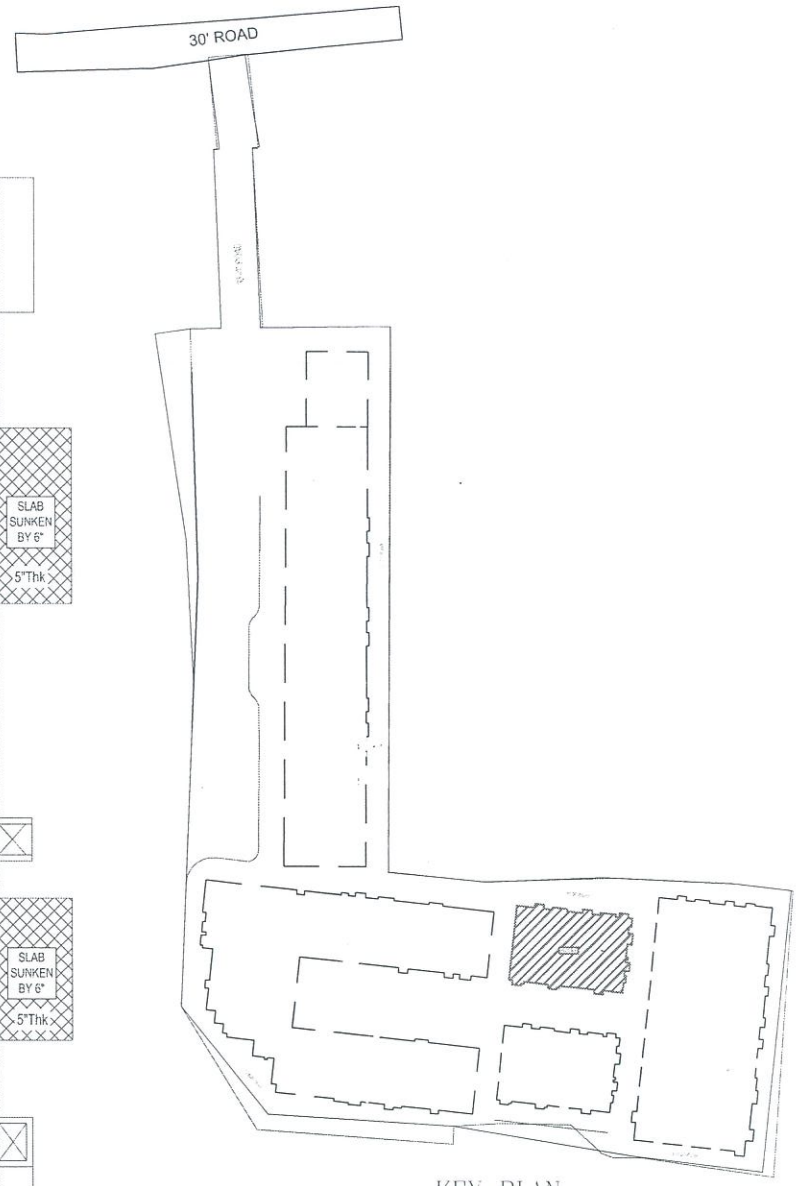
R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
13 Shanti Enclave, 25 Venkatakrishna Rd
R.A. Puram, Chennai - 600 028.
structural@cgrch.in
Mobile : 72999[illegible]

STRUCTURAL ENGINEER

OWNERS

BLOCK-F





KEY PLAN

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
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e) Roof Beams 25mm
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5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Cone & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia Capacity(T)	Allowable Pile
150 T	24" 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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M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

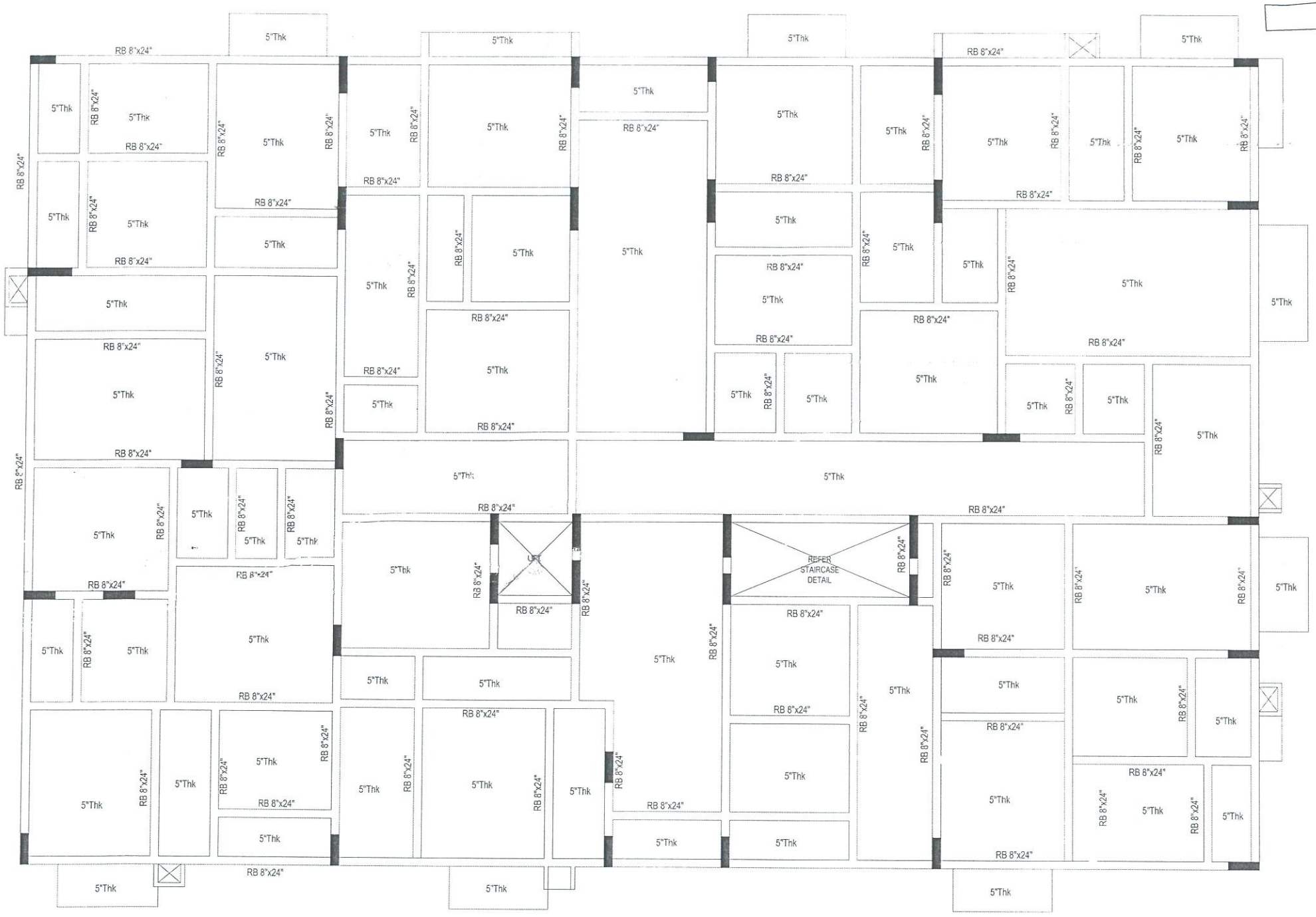
TITLE	BLOCK-F TYPICAL FLOOR ROOF BEAM LAYOUT FIRST,SECOND,THIRD & FOURTH
SHEET NO: 02	NORTH
SCALE : NTS	

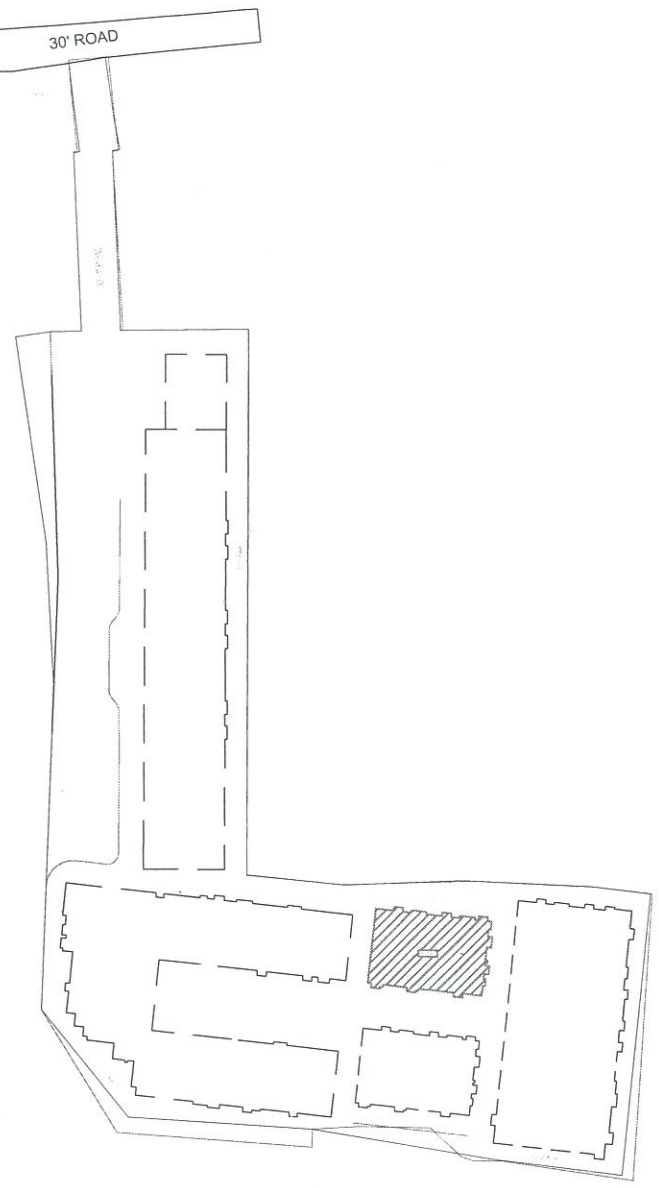
R Deenagopalan

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

OWNERS

BLOCK-F





KEY PLAN

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
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f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" 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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M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

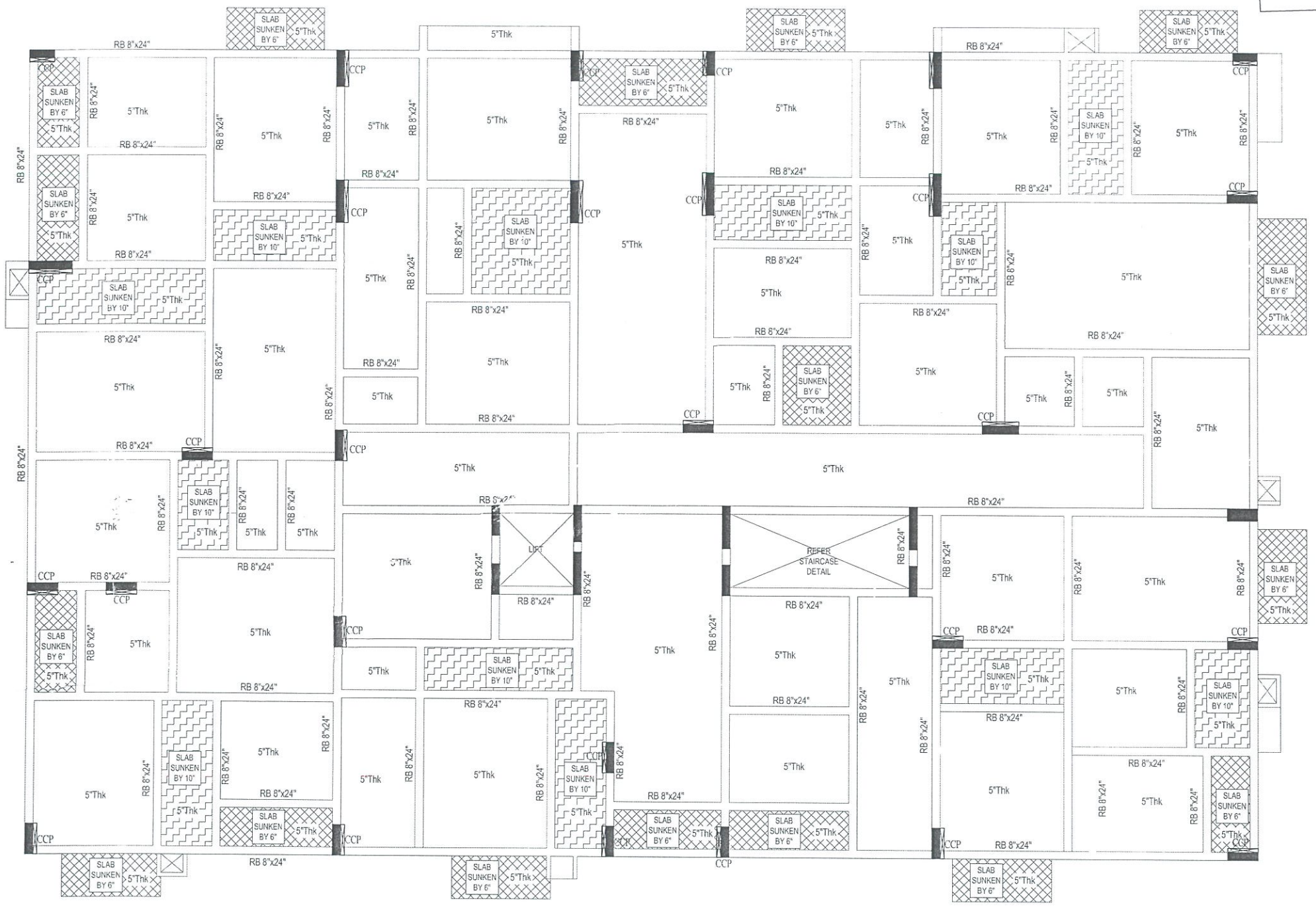
TITLE	BLOCK - F TERRACE FLOOR ROOF BEAM LAYOUT
SHEET NO. S2	NORTH
SCALE : NTS	

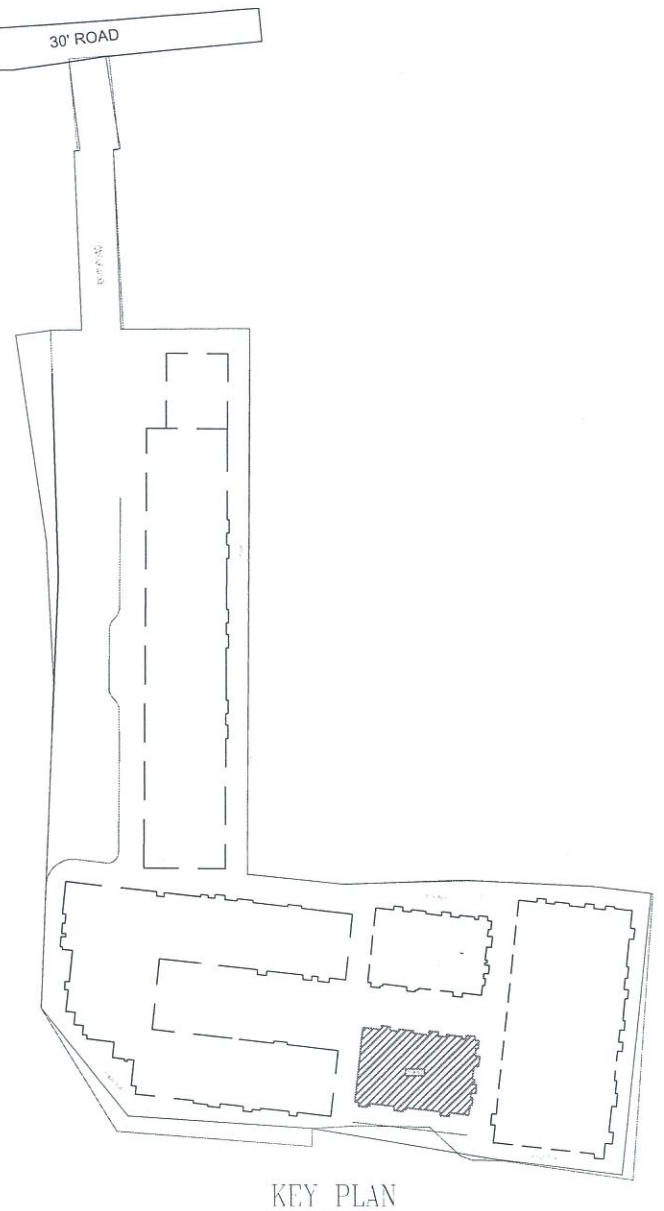
R Deenagopala
R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
16 Shanti Enclave, 25 Venkatakrishna Road,
R.A. Puram, Chennai - 600 028,
structural@cheralathan.com
Mobile : 9994[illegible]

STRUCTURAL ENGINEER

OWNERS

BLOCK-F





KEY PLAN

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Rafi Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" 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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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

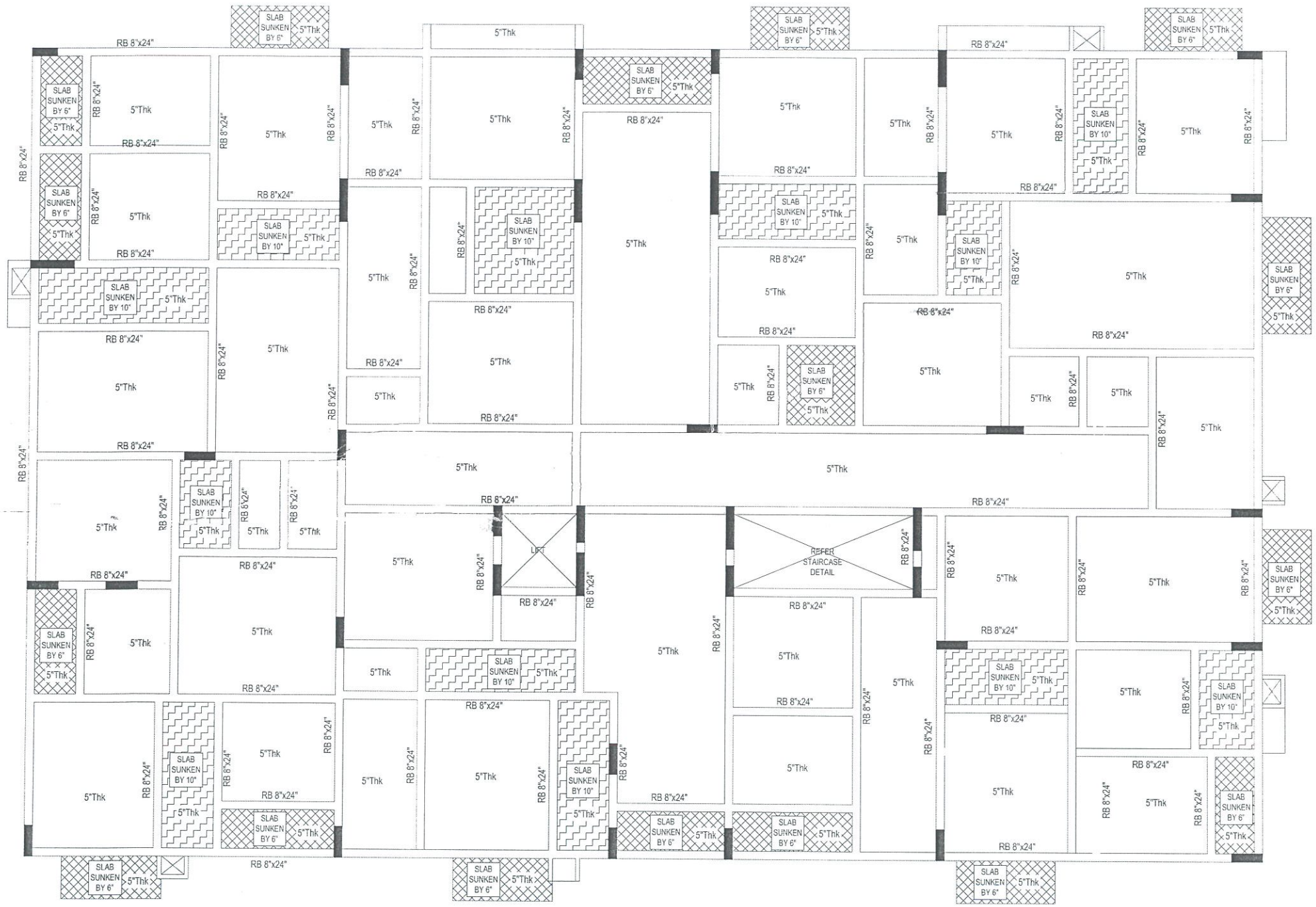
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

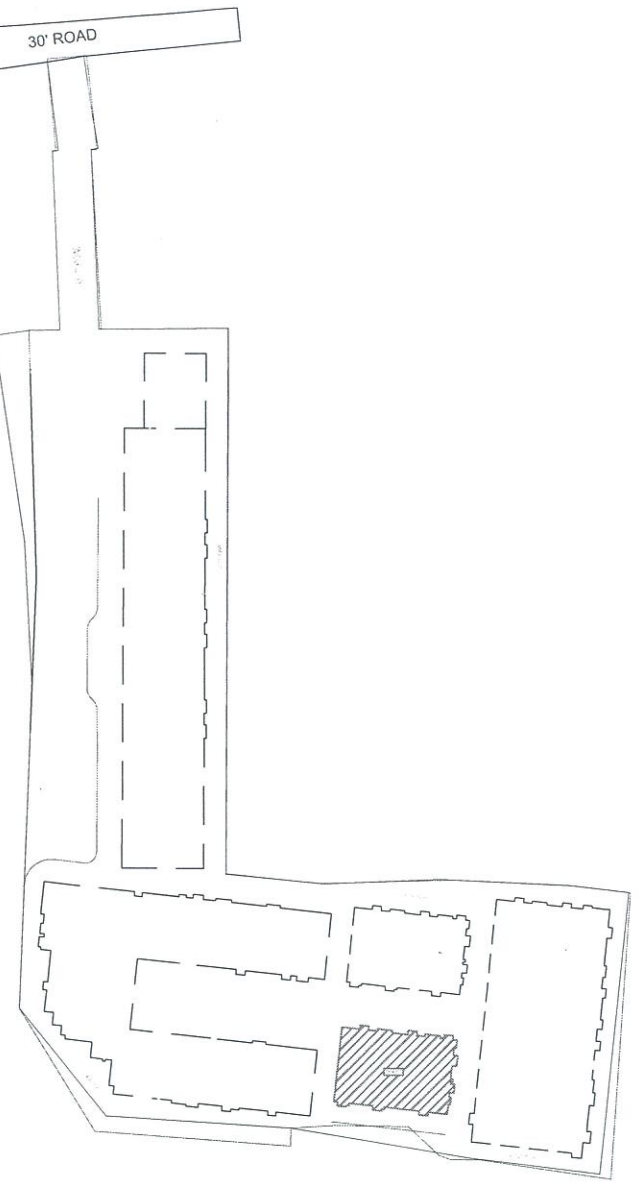
TITLE	BLOCK-F STILT FLOOR ROOF BEAM LAYOUT
SHEET NO. 02	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
15 Thiru Vi.Ka. Avenue, 25 Venkatakrishna Road,
R.A. Puram, Chennai - 600 028.
STRUCTURAL ENGINEER

OWNERS

BLOCK-F





KEY PLAN

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" 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
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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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

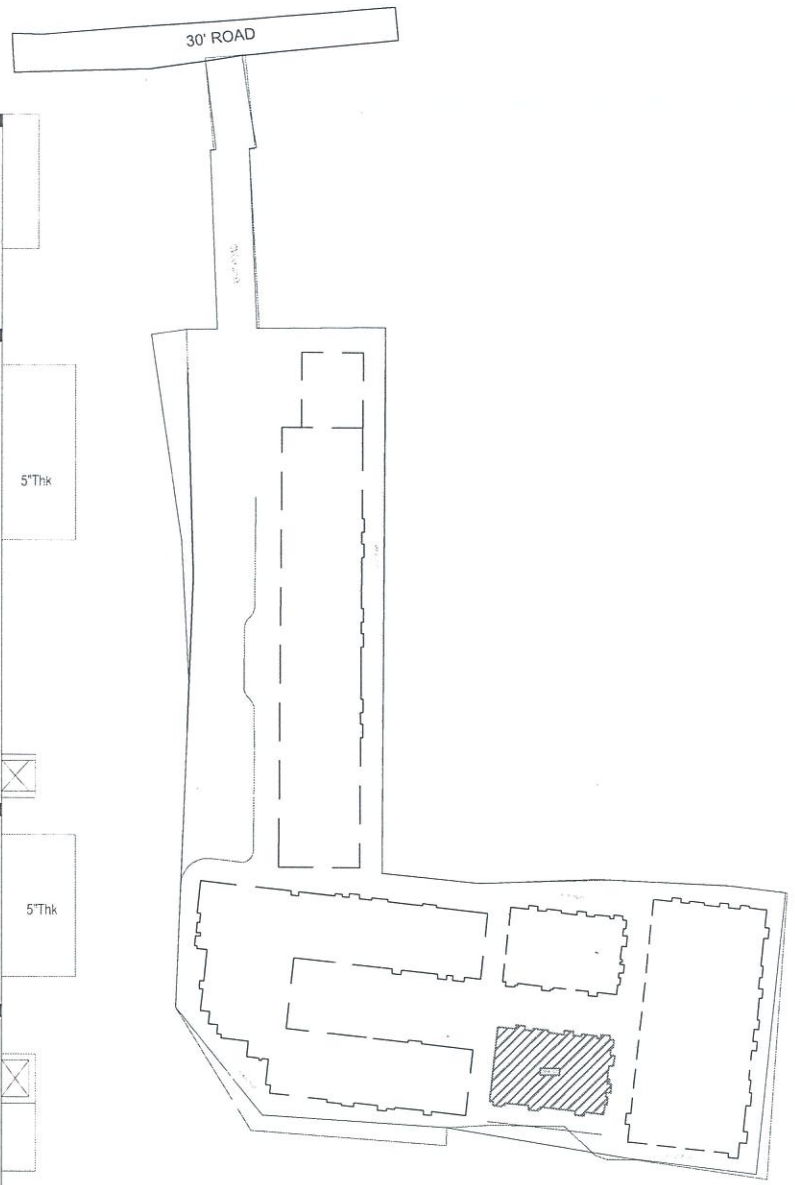
TITLE	BLOCK F TYPICAL FLOOR ROOF BEAM LAYOUT (FIRST FLOOR CONSTRUCTION & TOWARDS)
SCALE : NTS	NORTH

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
No. Shanti Enclave, 25 Venkatakrishna Road,
R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 9283 STRUCTURAL ENGINEER

OWNERS

BLOCK-F





KEY PLAN

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	Capacity(T)	Allowable Pile
24" dia	150 T	

Removal of formwork(Shuttering)

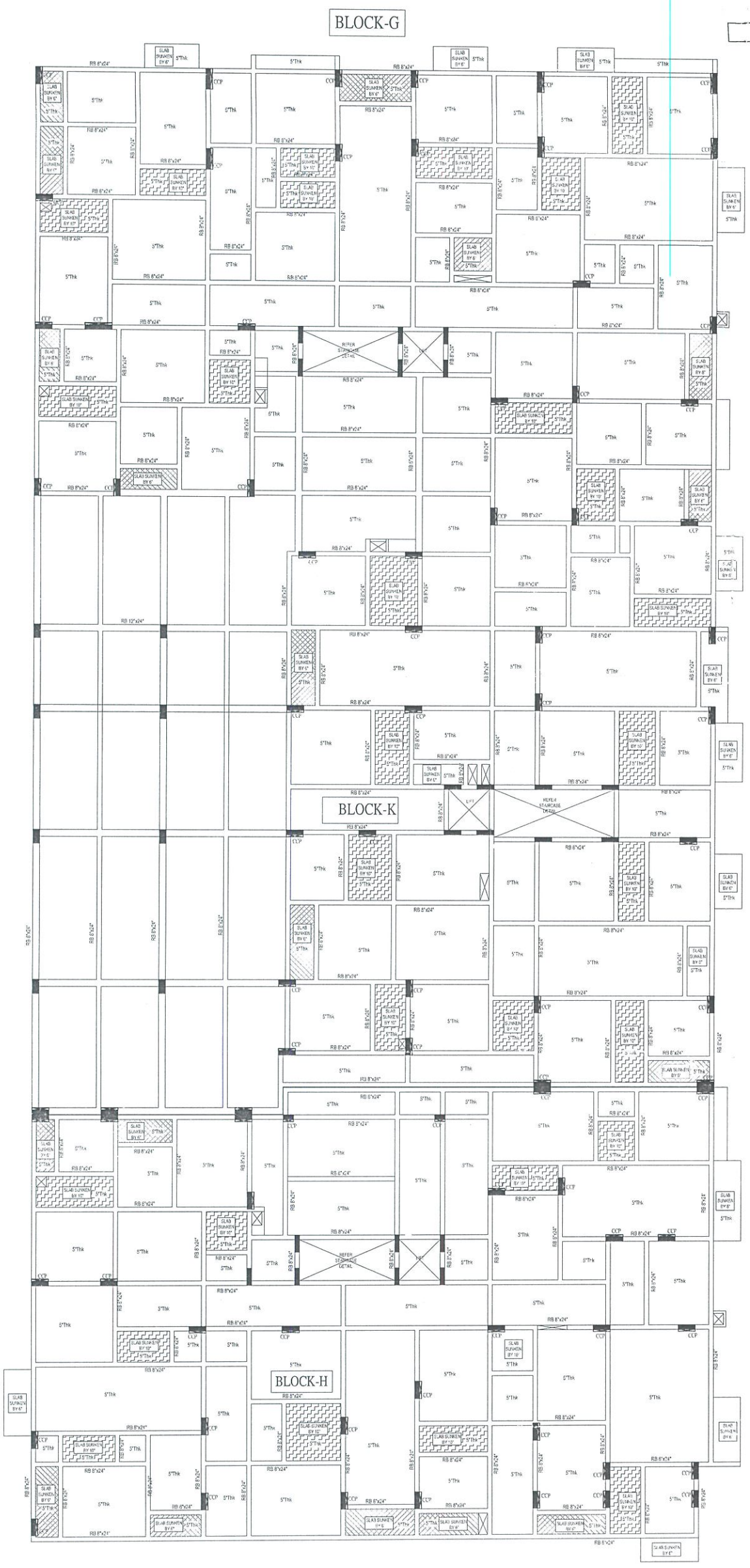
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A) Vertical side of shuttering columns, Walls & beams - 24 Hours
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C) Bottom shuttering of Beams (Keeping the Props) - 7 Days
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vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

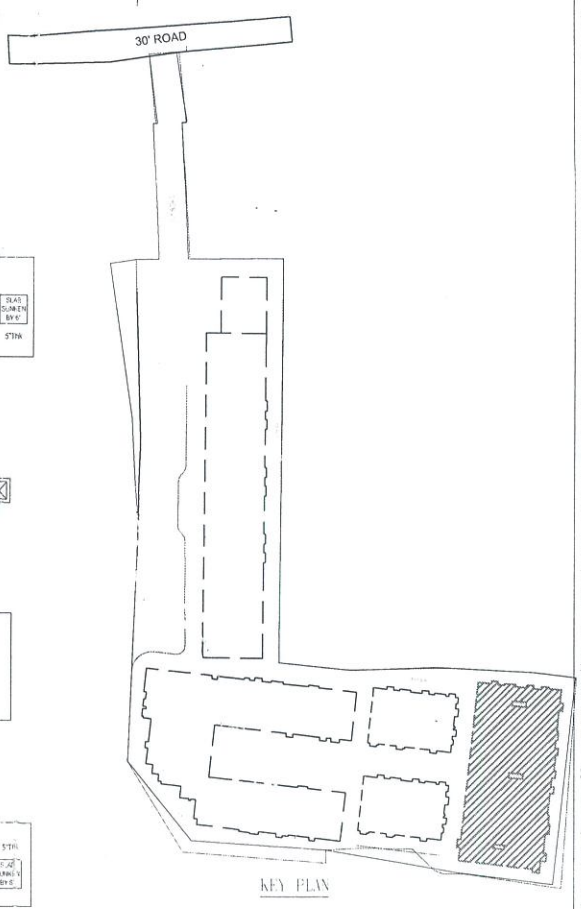
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	FLOOR : TERRACE FLOOR ROOF BEAM LAYOUT
SHEET NO. 02	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
No. Shanti Enclave, 25 Venkatakrishna Road
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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" dia

Removal of formwork(Shuttering)

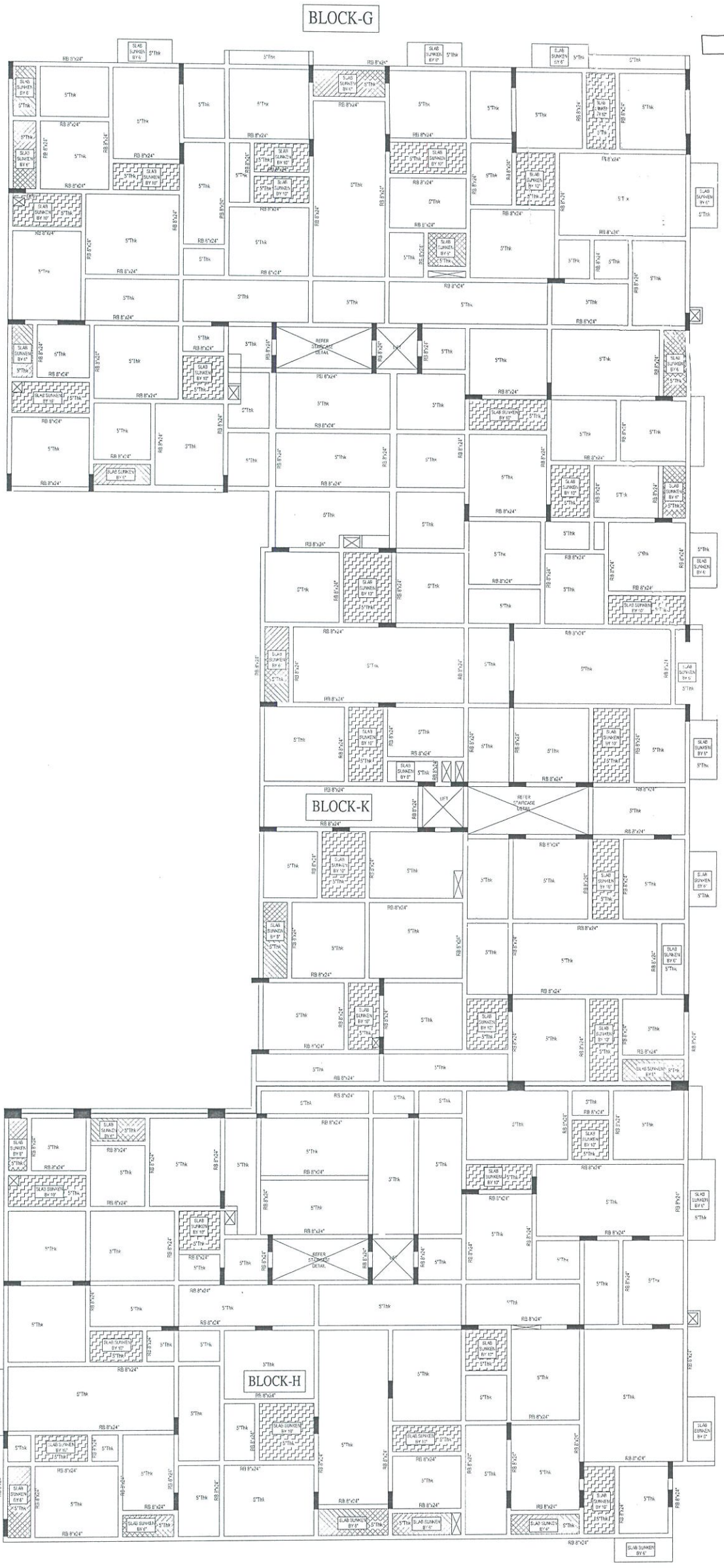
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C) Bottom shuttering of Beams (Keeping the Props) - 7 Days
d) Props to Slabs:
i) Spanning Upto 4.5M- 14 Days ii) Spanning Over 4.5M-21 Days e) Props to Beams & Arches: i) Spanning Upto 6M - 21 Days ii) Spanning Over 6M - 28 Days
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v) 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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	BLOCK G, K & H SITE CUM ROOF BEAM LAYOUT
SHEET NO : 01	NORTH
SCALE : NTS	

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
Shanti Enclave, 25 Venkatakrishna Road,
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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	Capacity(T)	Allowable
Pile		
150 T		24" dia

Removal of formwork(Shuttering)

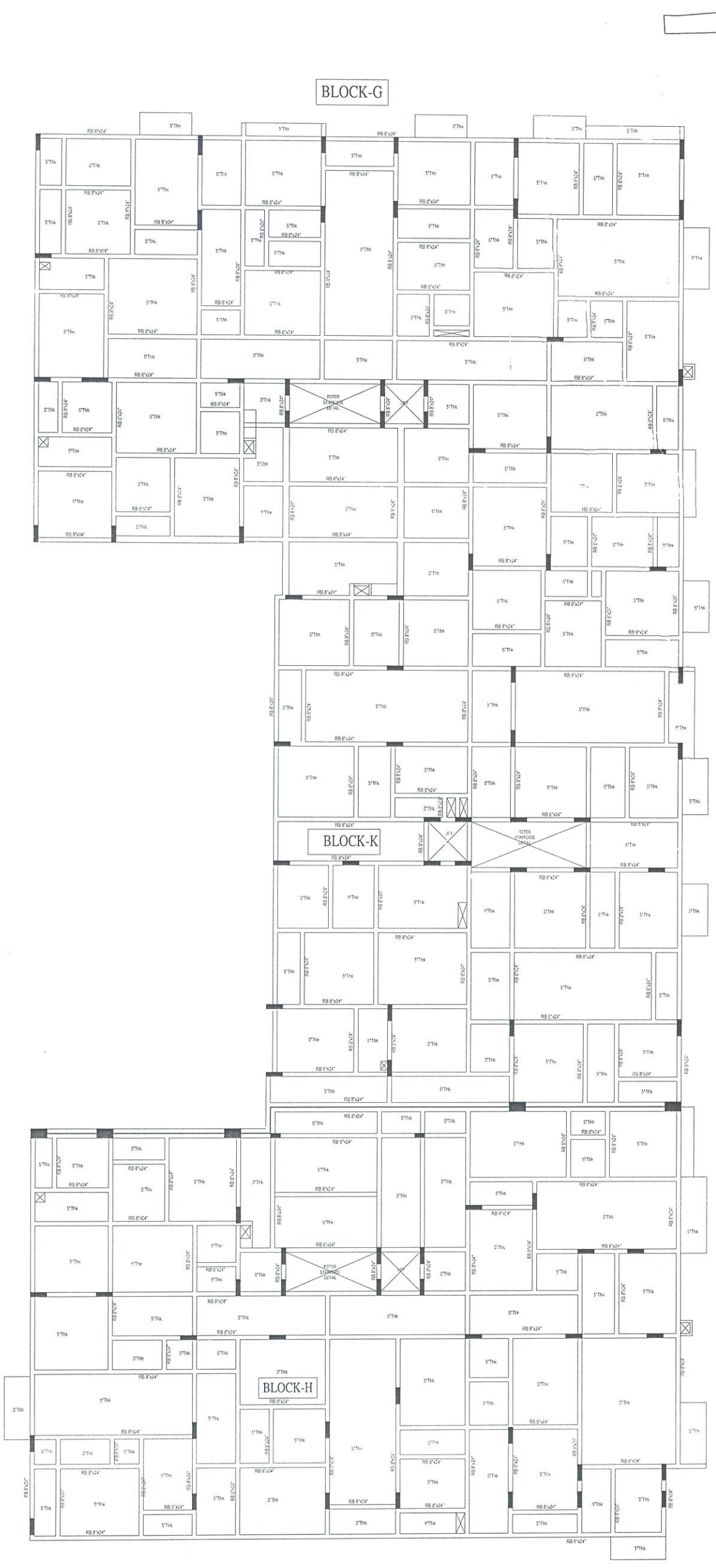
1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II
A) Vertical side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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	BLOCK G, K & H SHUT FLOOR ROOF SLAB LAYOUT (FIRST SECOND,THIRD & FOURTH)
SHEET NO. 13	NORTH
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@cearch.in
Mobile : 7299311063
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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	
Capacity(T)	Allowable
Pile	
150 T	24" 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

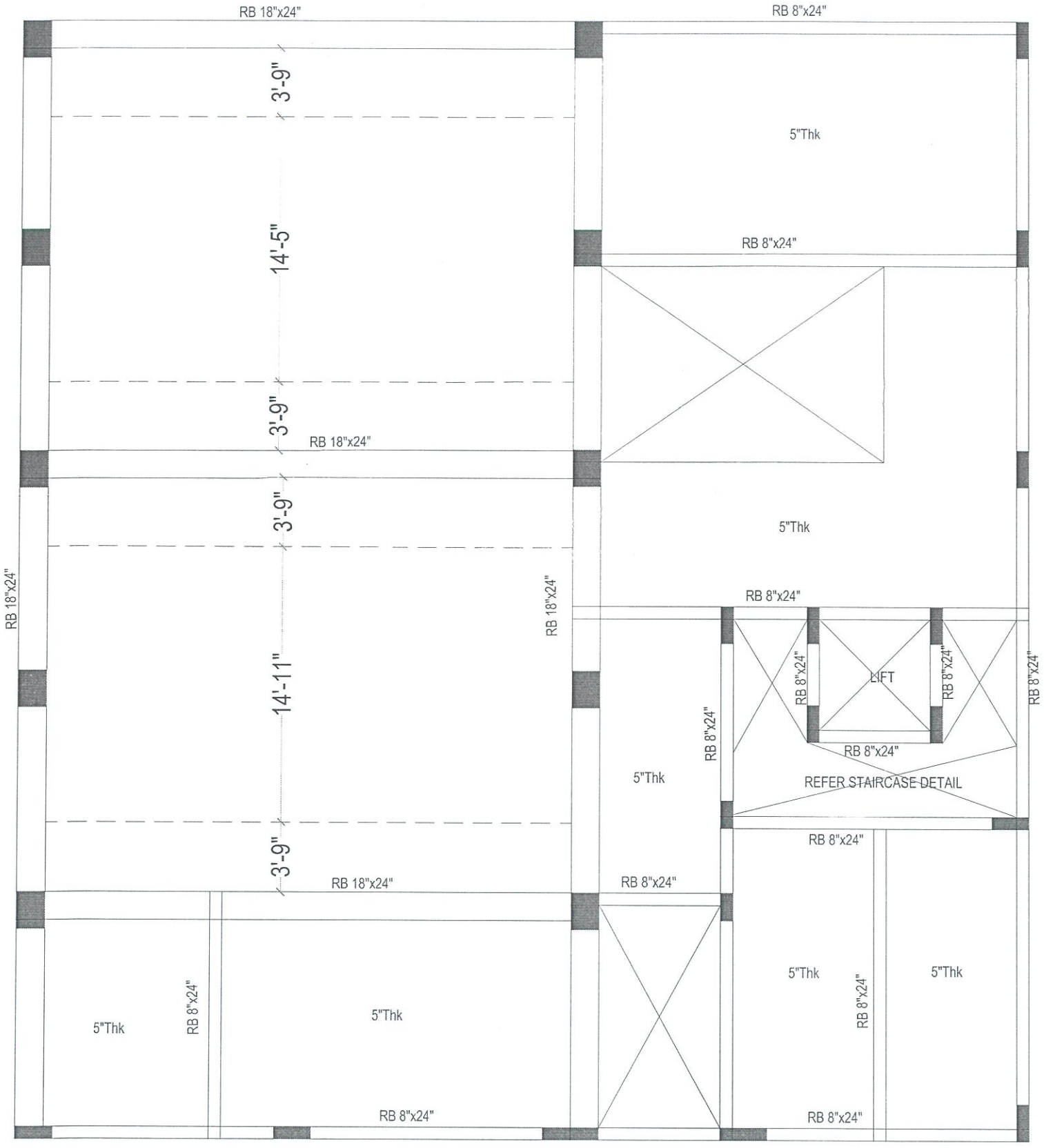
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

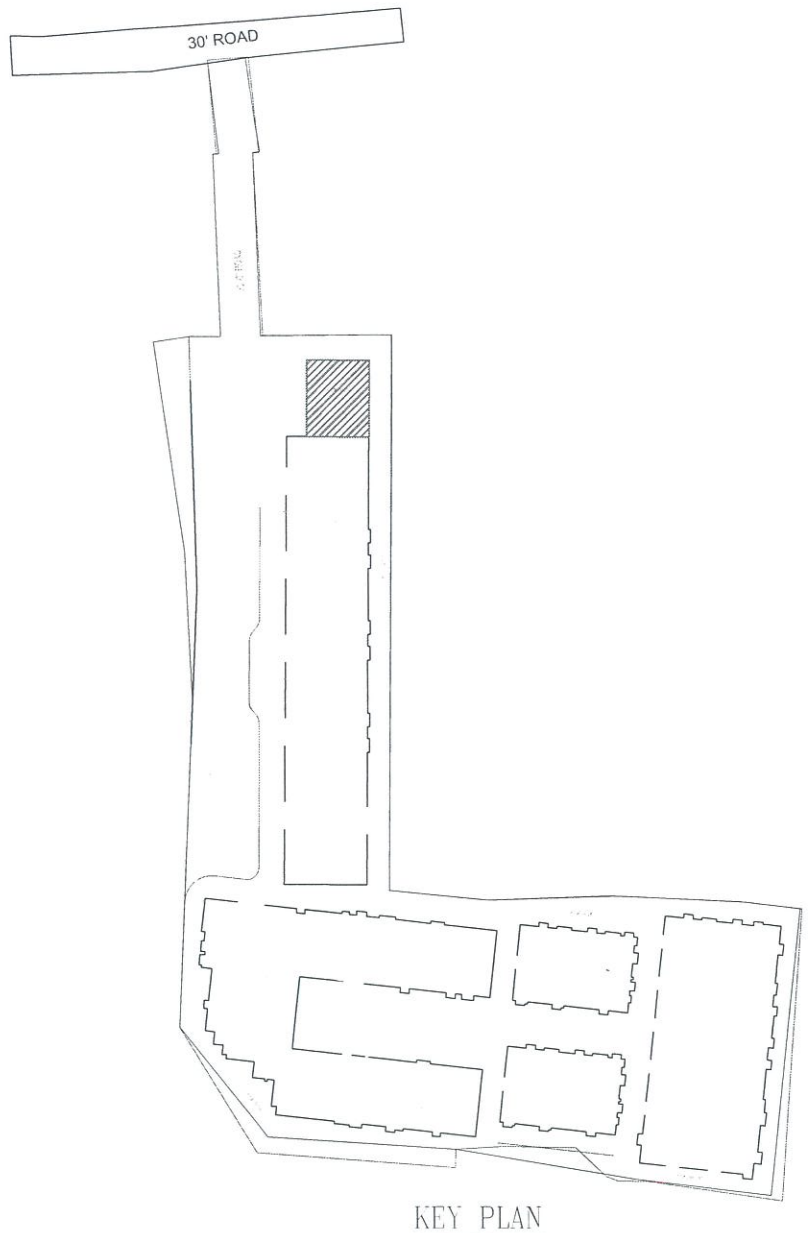
TITLE	BLOCK G, K & H [illegible]
SHEET NO : 03	NORTH
SCALE : NTS	

R. Deenagopalan

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 : 7299911063
STRUCTURAL ENGINEER

OWNERS





KEY PLAN

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
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d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" dia

Removal of formwork(Shuttering)

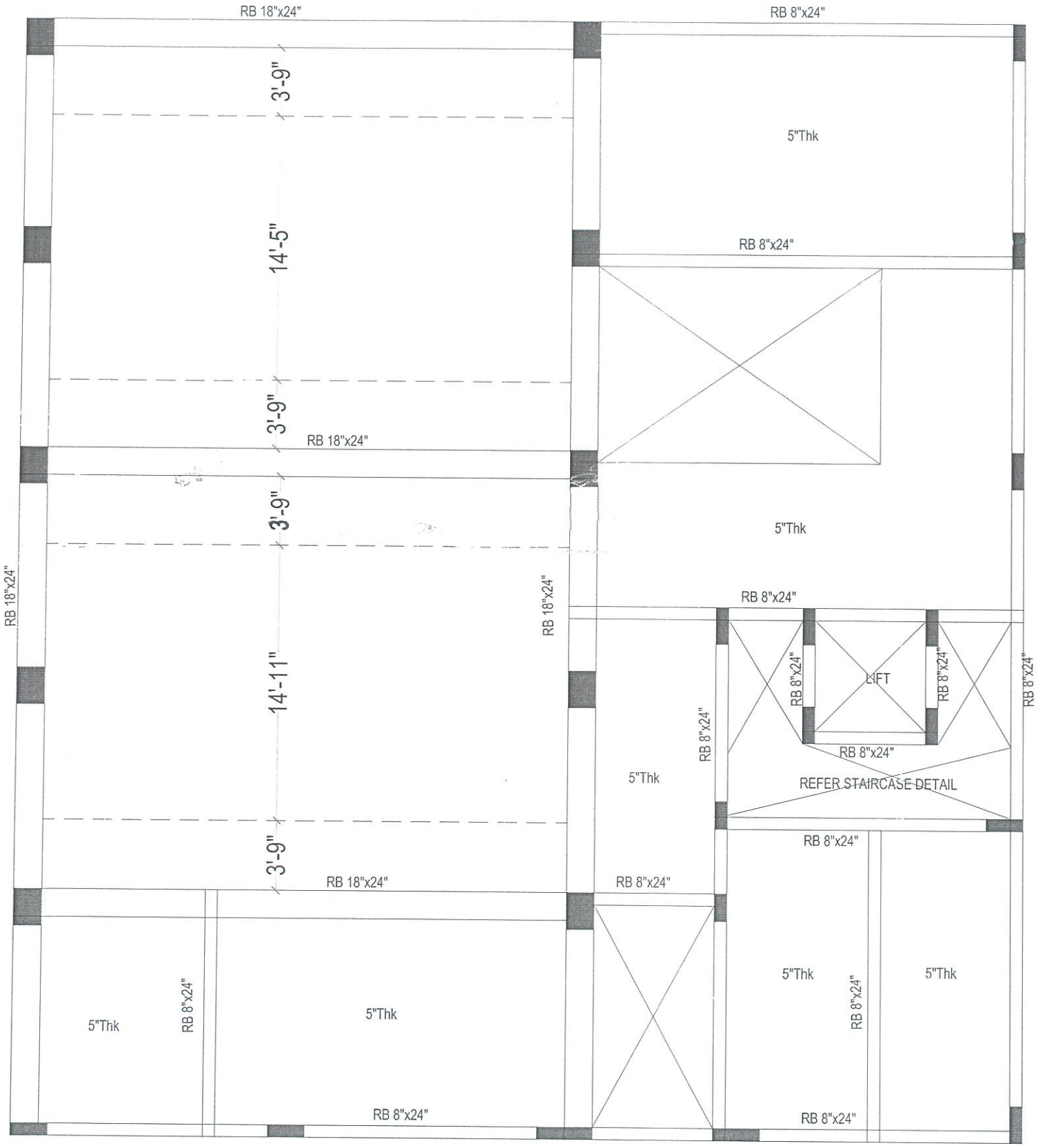
1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II
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B) Bottom shuttering of Slabs (Keeping the Props) - 3 Days
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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
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viii) Detailing of Rebars shall confirm to SP-34 & IS 13920

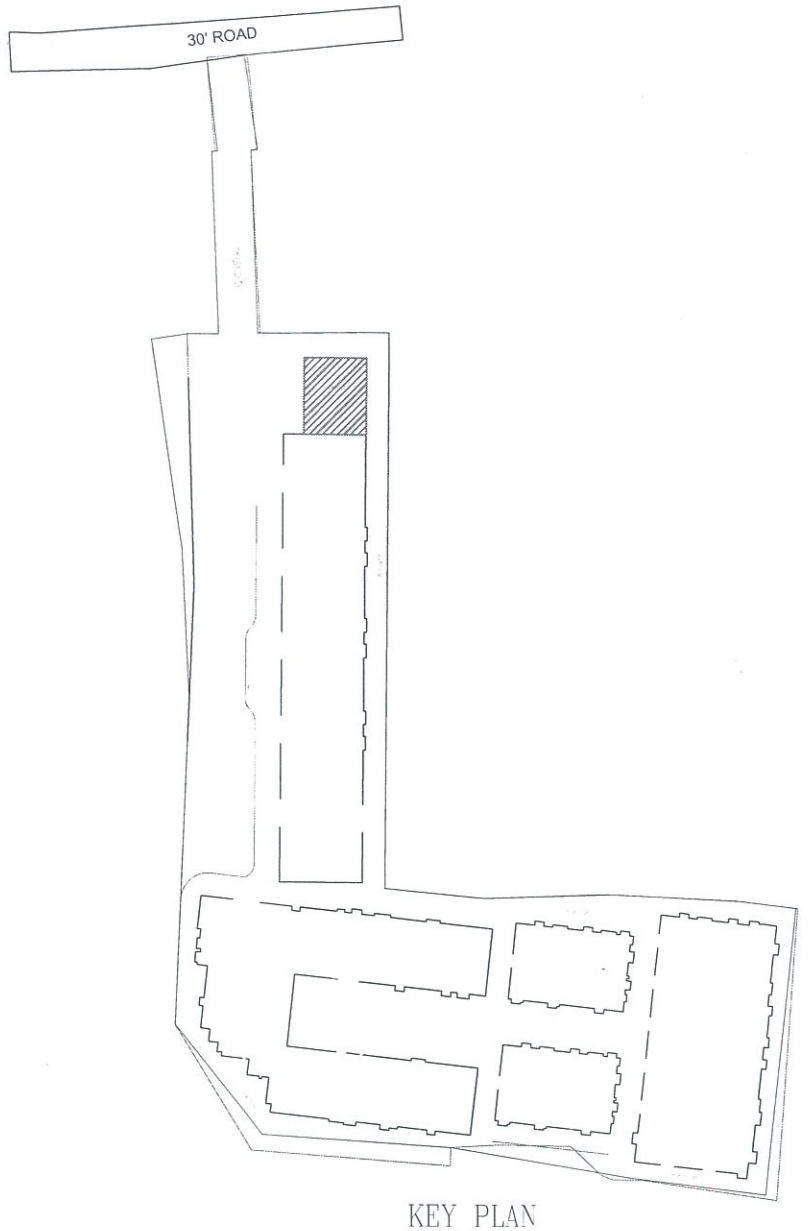
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	CLUB HOUSE STILT FLOOR ROOF BEAM LAYOUT
SCALE : NTS	NORTH

R. DEENAGOPALAN B.E., Civil
SE/GR-II/19/04/045 (CMDA)
Cheralathan Associates
17 Shanti Enclave, 25 Venkatakrishna Road
R.A. Puram, Chennai - 600 028.
structural@cearch.in
STRUCTURAL ENGINEER
Mobile : 9283911553

OWNERS





KEY PLAN

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	
Capacity(T)	Allowable
Pile	
150 T	24" dia

Removal of formwork(Shuttering)

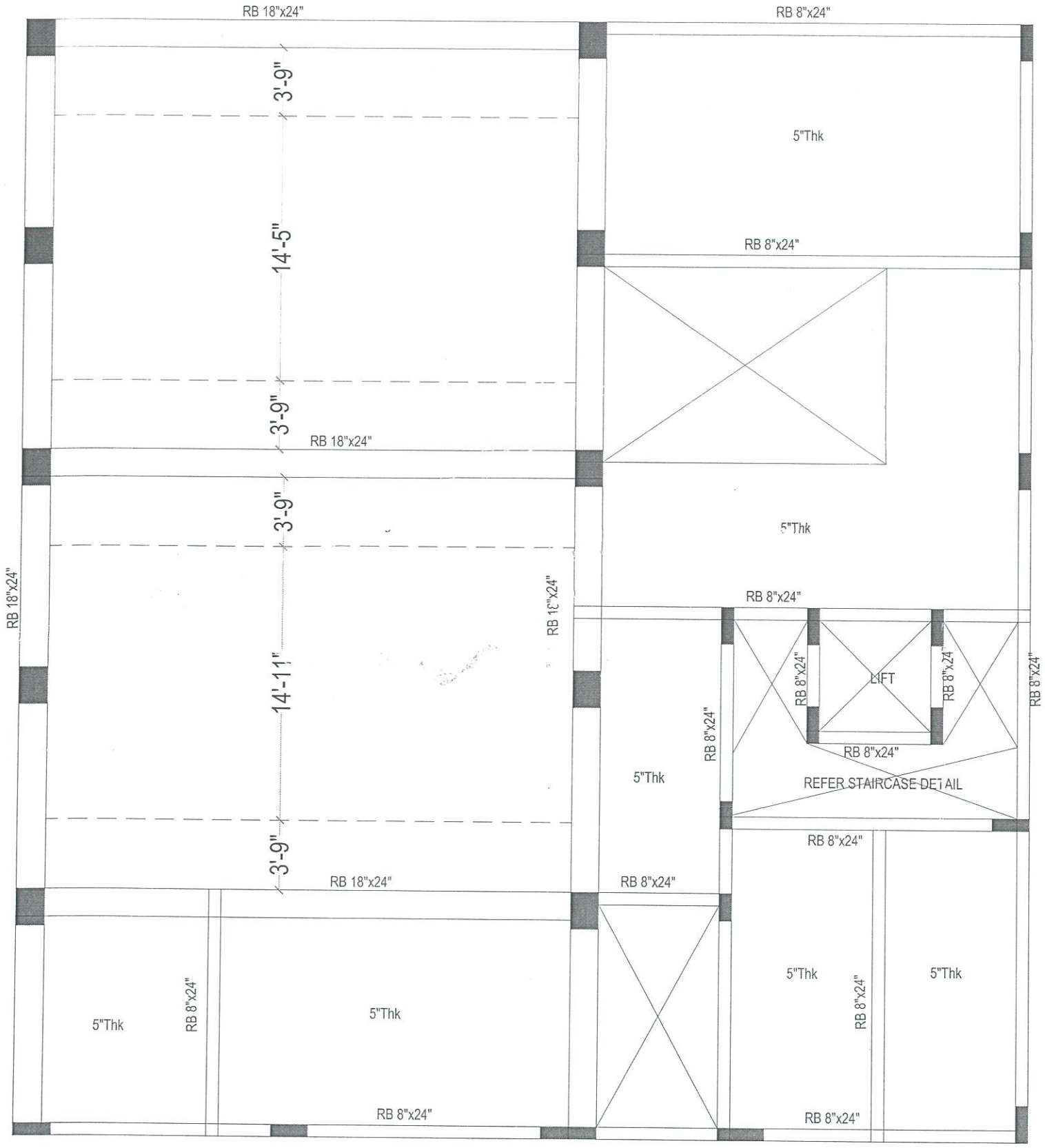
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vi) Welding of bars shall be done as a stitch weld for 5 times diameter of bar and a gap of 5 times higher diameter bar and bar using arc welding and special electrodes after obtaining written approval from the structural designer
vii) Detailing of Rebars shall confirm to SP-34 & IS 13920

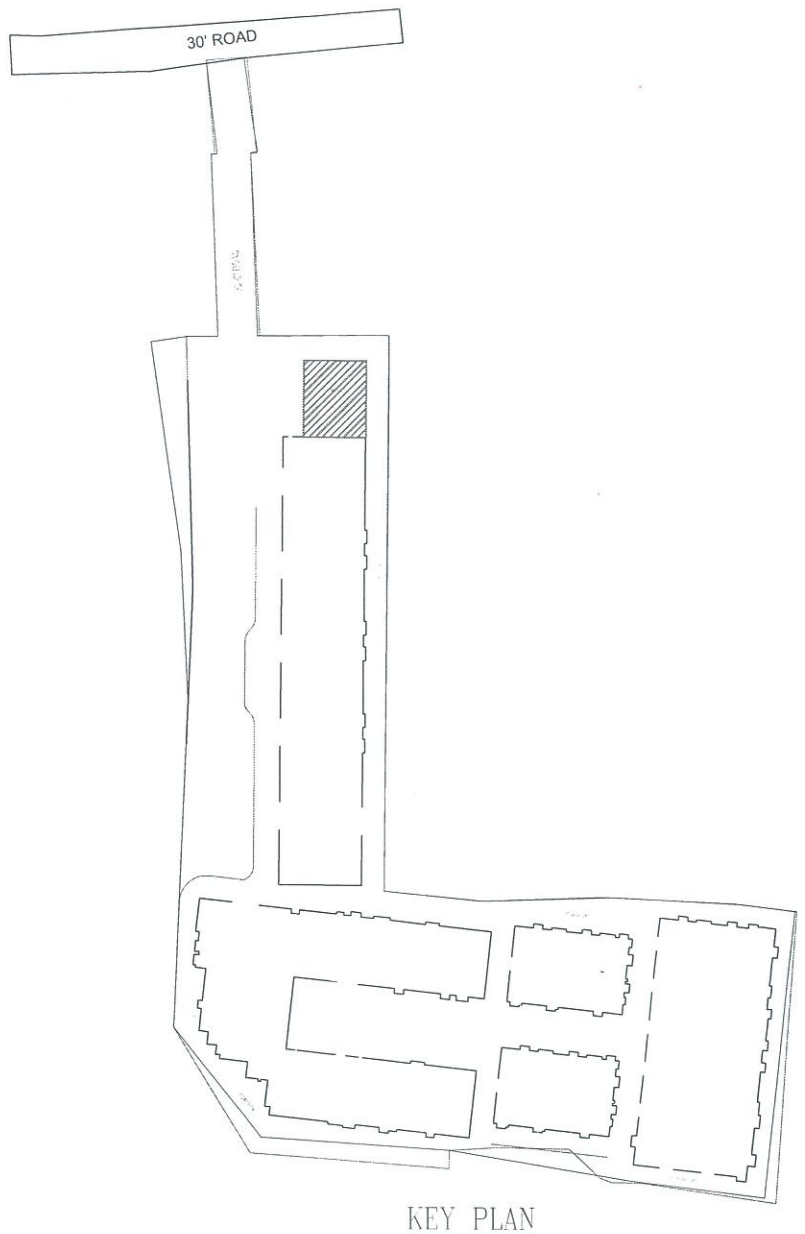
M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	
SHEET NO. 02	NORTH
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
STRUCTURAL ENGINEER

OWNERS





KEY PLAN

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia
Capacity(T) Allowable
Pile
150 T 24" 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 mmimum 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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	CLUB HOUSE TERRACE FLOOR ROOF BEAM LAYOUT
SHEET NO. XX	NORTH
SCALE : NTS	

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R.A. Puram, Chennai - 600 028.
structural@cacbiim
Mobile : 7299814063

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	
Capacity(T)	Allowable
Pile	
150 T	24" dia

Removal of formwork(Shuttering)

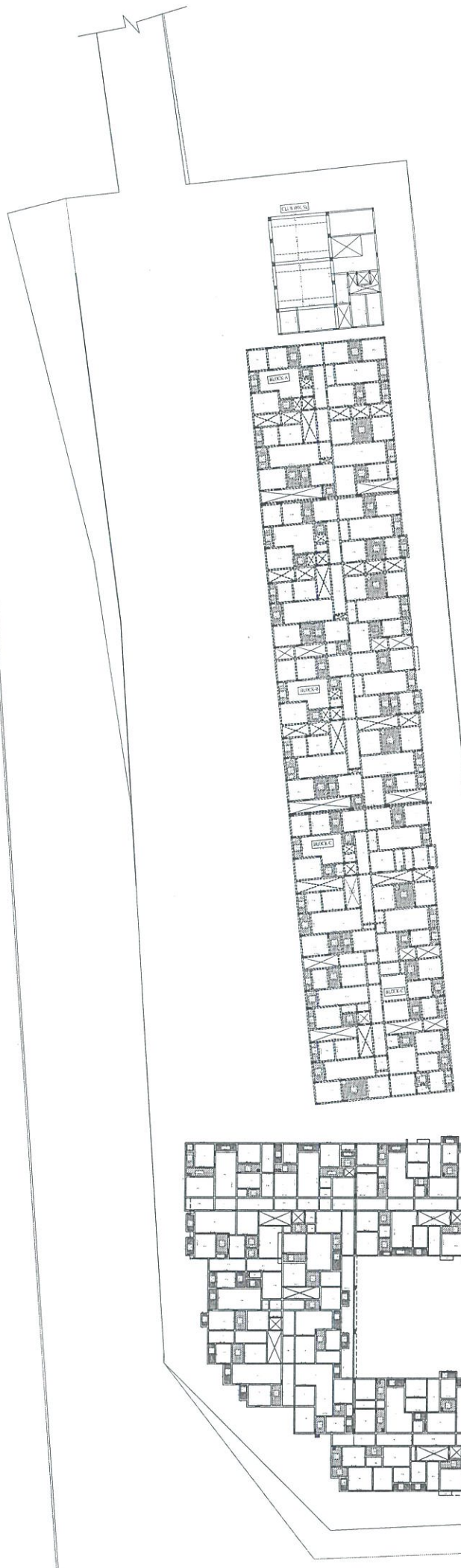
1. Shuttering of any part of the structure shall not be removed until the concrete attains 70% of the specified strength of concrete at seventh day. However the following minimum period after final pour) shall be allowed before removal of shuttering as per IS 1489-1991 Part I & part II
A) Vertical side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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	SITE PLAN SHOWING BLOCKS
SHEET NO : 01	NORTH
SCALE : NTS	

A. 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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia	Capacity(T)	Allowable
Pile		
150 T		24" 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

M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

SHEET NO :05	NORTH
SCALE : NTS	

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[illegible] Puram, Chennai - 600 028.
[illegible]@gmail.com STRUCTURAL ENGINEER
[illegible]

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) Footings 50mm
c) Plinth beams 30mm
d) Roof Slab 20mm
e) Roof Beams 25mm
f) Raft Slab & Beam 50 mm
4. Slab thickness 5" thk unless specified otherwise. 5. Provide 8#@8"c/c as Dist. Steel wherever required
5. Crank lenght 0.25L of short span
6. Top rod extn 0.30L of short span
7. Use M35Conc & Fe500 unless specified otherwise.
8. Found. designed for STILT+5 Flrs. only.
9. Pile cap cl to coincide with column cl.

Pile Dia Capacity(T)	Allowable
Pile 150 T	24" 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
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M/S LML HOMES LLP PROPOSES FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING – NON HIGH RISE GROUP DEVELOPMENT IN SURVEY NO'S : 23/1A, 23/1B, 48/1B2, 49/1A, 49/1B, 49/1C2, 49/1D, 50/1A1B, 52/1B & 52/2A2 OF GOPARASANALLUR VILLAGE, POONAMALLEE TALUK, THIRUVALLUR DISTRICT, TAMILNADU.

TITLE	TERRACE FLOOR ROOF BEAM LAYOUT
SHEET NO. 06	NORTH
SCALE : NTS	

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R.A. Puram, Chennai - 600 028.
structural@carch.in
Mobile : 7299911063

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.

Legal & Documentation Services

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Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

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Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.



empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

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

Ownership, Compliance & Legal Verification

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

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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