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DIGITALLY VERIFIED RECORD

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.1, S.no.311/38, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

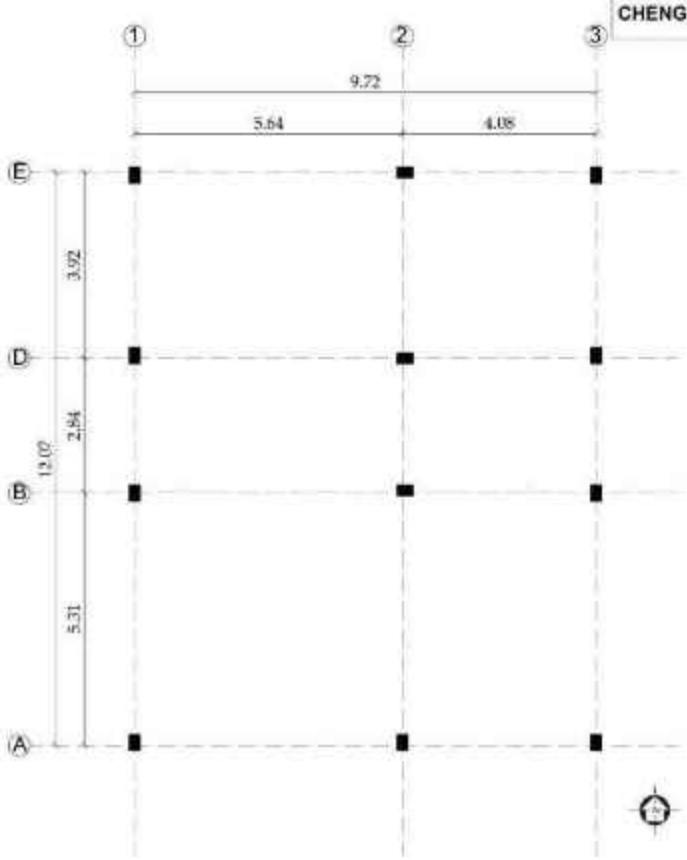
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4. The building will be safe and sound when used for the purpose for which it is designed.

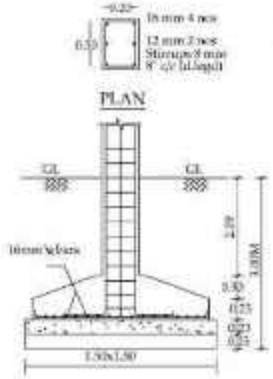
Stamp and Signature

S. Jayaraman
Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
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Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.1, S.NO.311/38 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt crank extra bar
10mm @ 5"c/c alt crank extra bar
2) *SL1 - two Way Slab 5" thk
10mm @ 6"c/c alt crank extra bar
10mm @ 6"c/c alt crank extra bar
3) *SL2 - Single Way Slab 5" thk
8mm @ 5"c/c alt crank extra bar
8mm @ 5"c/c

Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
2. For cantilever spans details at support alone shall be considered

NOTES
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25"PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" 1" OTHER SIZES: 1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'Ld'.

Er. S. JAYARAMAN, ME.,
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19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.3, S.no.311/31, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
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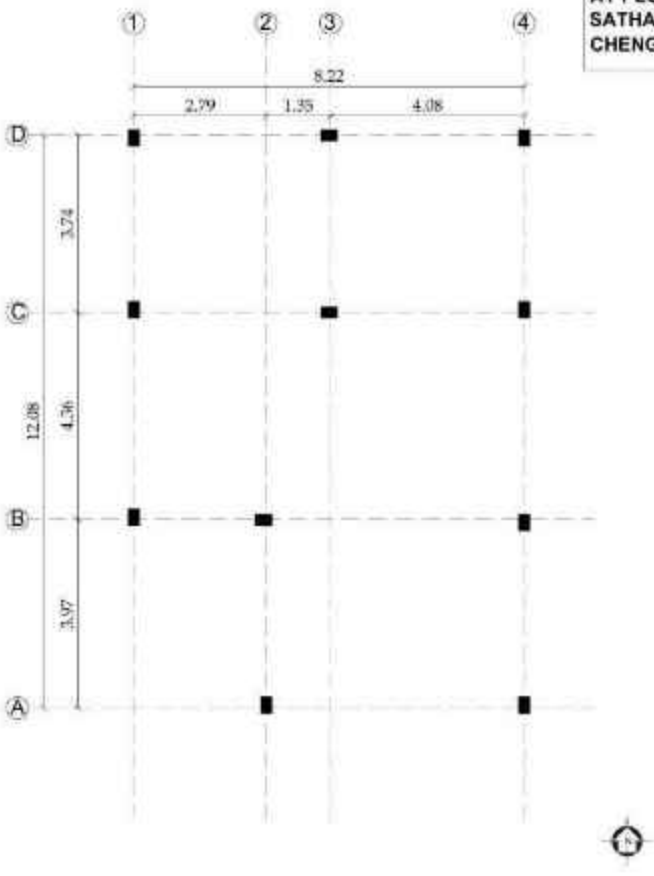
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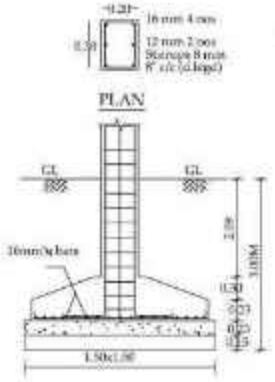
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.3, S.NO.311/31 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)
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8mm @ 5"c/c alt.crank extra bar
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Note:
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3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
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11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'Ld'.

Er. S. JAYARAMAN, ME.,
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Chengalpattu Dist-603 212
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19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.4, S.no.311/26, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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3. I further certify that:

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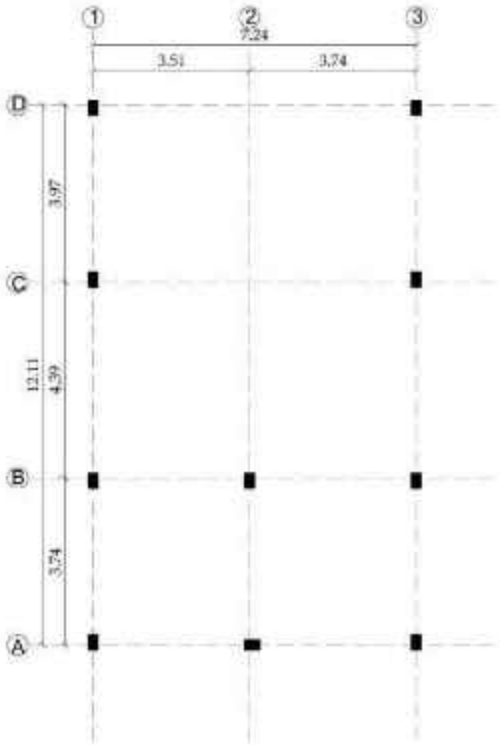
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4. The building will be safe and sound when used for the purpose for which it is designed.

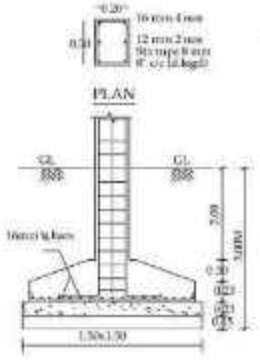
Stamp and Signature

Er. S. JAYARAMAN, ME.,
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Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.04, S.NO.311/26 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
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8mm @ 5" c/c alt.crank extra bar
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Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
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NOTES

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2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25" PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" : 1" OTHER SIZES : 1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3),
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5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
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Er. S. JAYARAMAN, ME.,
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E-mail: sjaybond@gmail.com,
Mobile : 9597908585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.5, S.no.311/25, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical
investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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3. I further certify that:

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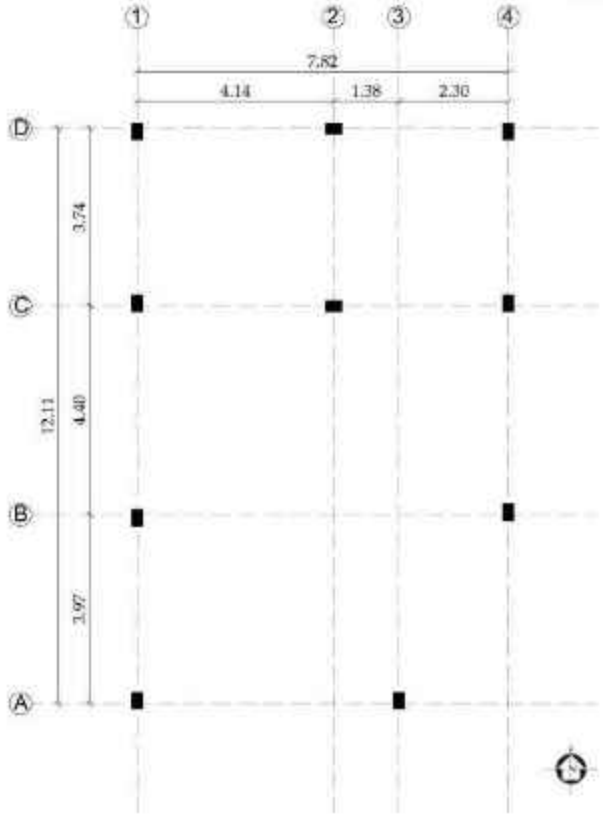
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4. The building will be safe and sound when used for the purpose for which it is designed.

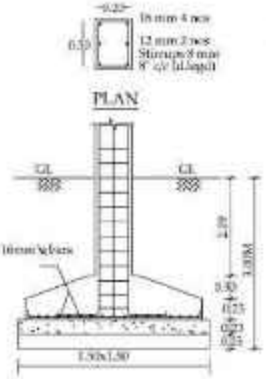
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S. Jayaraman
Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.5, S.NO.311/25 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt crank extra bar
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Note:
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COLUMN : FOR 9"X9" 1" OTHER SIZES:1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade-I (RSE)
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Chengalpattu Dist-603 312
E-mail: jayhecivil@gmail.com
Mobile: 9597600588

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.7, S.no.311/36, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
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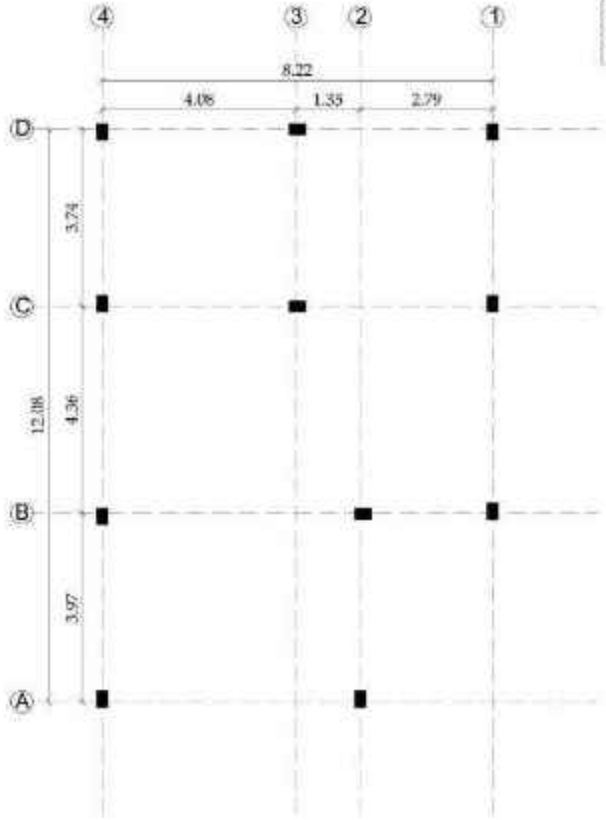
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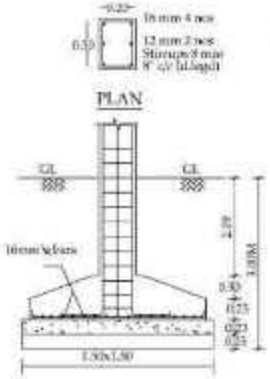
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E-mail: jaybecivil@gmail.com.
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Reg. No: CG/ DIST/STE/Gr-II/2016/005
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Chengalpattu Dist-603 312
E-mail: jayhcivil@gmail.com,
Mobile: 9597908503

19.08.2026

STABILITY CERTIFICATE

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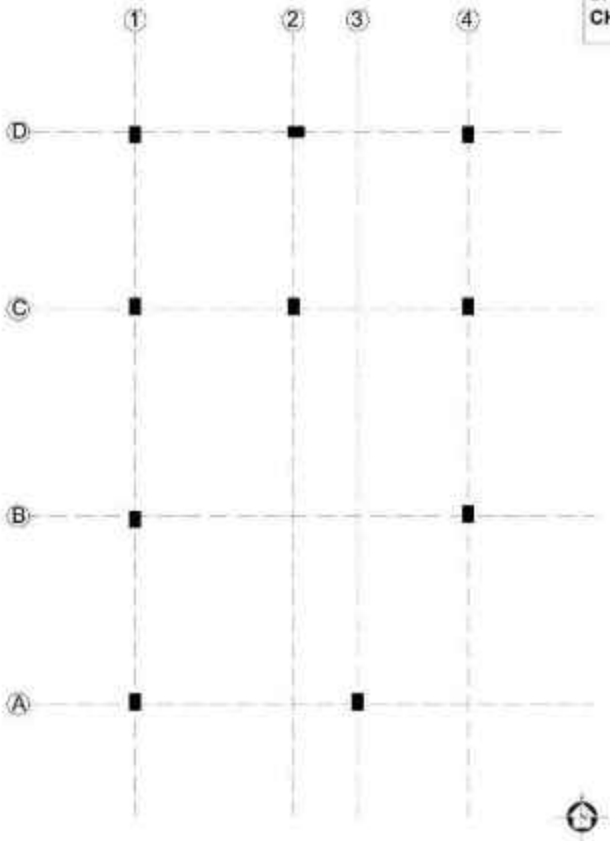
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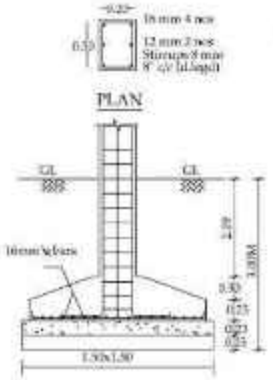
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.8, S.NO.311/35 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt crank extra bar
10mm @ 5"c/c alt crank extra bar
2) *SL1 - two Way Slab 5" thk
10mm @ 6"c/c alt crank extra bar
10mm @ 6"c/c alt crank extra bar
3) *SL2 - Single Way Slab 5" thk
8mm @ 5"c/c alt crank extra bar
8mm @ 5"c/c

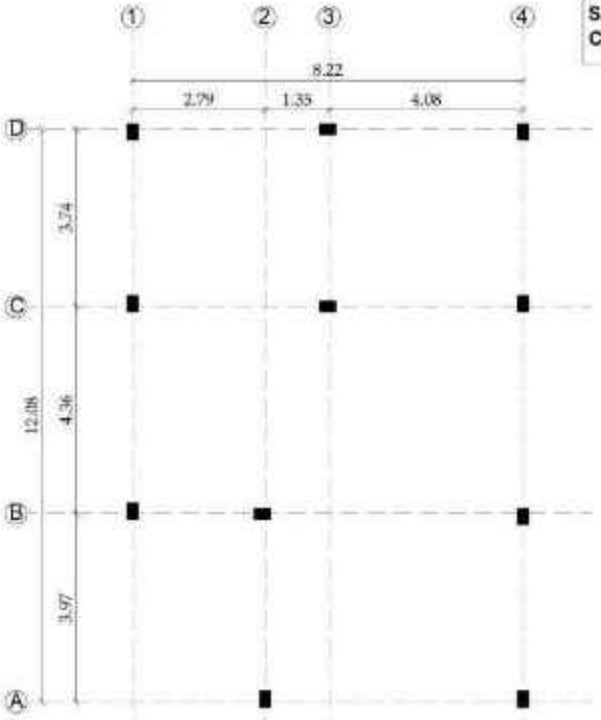
Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
2. For cantilever spans details at support alone shall be considered

NOTES

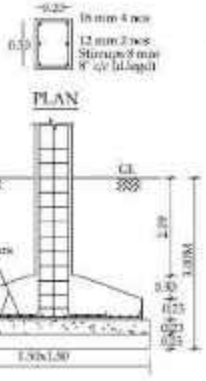
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25"PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" 1" OTHER SIZES:1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM AT A LENGTH OF 'Ld'.

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Perumpur, Cheyyur Tk.
Chengalpattu Dist-603 312
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Mobile: 9597905585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.10, S.NO.311/29 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt crank extra bar
10mm @ 5"c/c alt crank extra bar

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10mm @ 6"c/c alt crank extra bar
10mm @ 6"c/c alt crank extra bar

3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt crank extra bar
8mm @ 5"c/c

Note:
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2. For cantilever spans details at support alone shall be considered

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Registered Structural Engineer Grade- II (RSE)
Reg. No. CGL DIST/RSE/Gr-II/2026/5015
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Chengalpattu Dist-603 312
E-mail: jaytech60@gmail.com.
Mobile: 9597908160

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.10, S.no.311/29, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

2. he design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No IS: 875 (Part 1) - 1987 & IS: 875 (Part 2) - 1987 and design of earthquake resistant structure as per IS Code No IS 1893 (Part 1) -2016

4. The building will be safe and sound when used for the purpose for which it is designed.

Stamp and Signature

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.11, S.no.311/24, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
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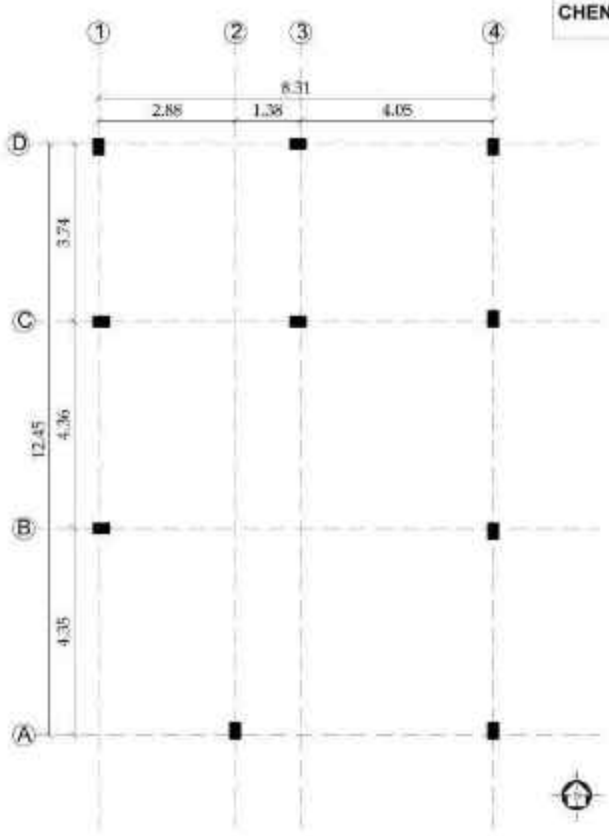
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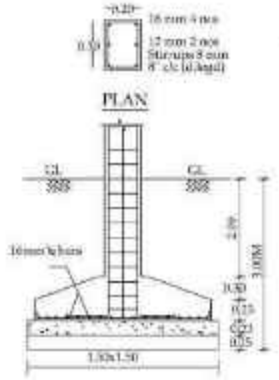
Stamp and Signature

S. Jayaraman
Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.11, S.NO.311/24 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5" thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
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10mm @ 6"c/c alt.crank extra bar
10mm @ 6"c/c alt .crank extra bar
3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
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Note:
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Chengalpattu Dist-603 212
E-mail : jayaeee1@gmail.com,
Mobile: 9597905580

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.12, S.no.311/23, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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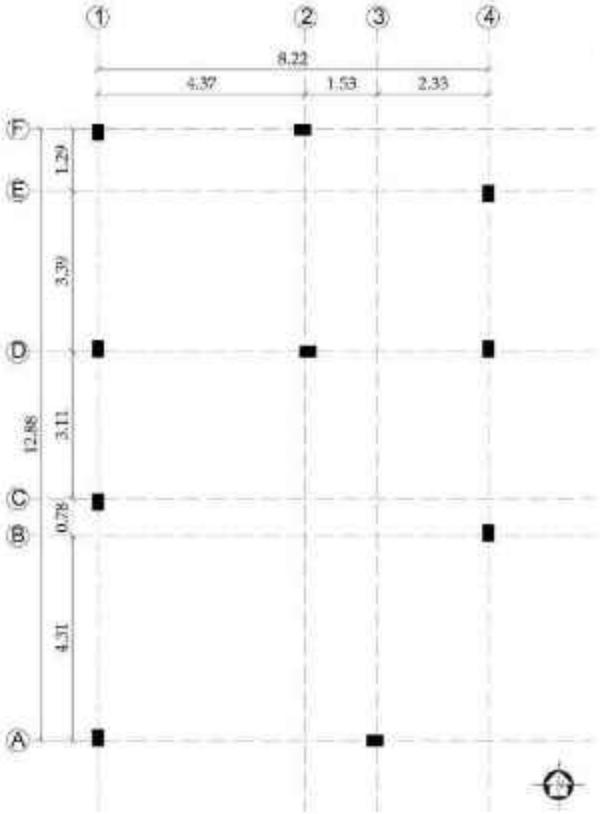
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4. The building will be safe and sound when used for the purpose for which it is designed.

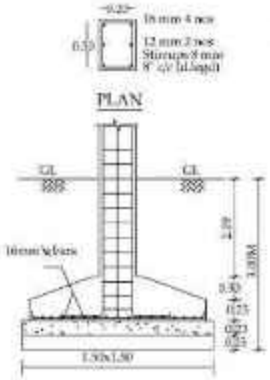
Stamp and Signature

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
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E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.12, S.NO.311/23 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt crank extra bar
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5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
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7. DIMENSIONS ARE IN FEET & INCHES
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Reg. No: CGL DIST/RSE/Gr-II/2020/005
No. 6, Bharathi Nagar, Perumpac, Cheyyur Tk.
Chengalpattu Dist-603 212
E-mail: jayberin1@gmail.com
Mobile: 9597988505

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.13, S.no.311/28, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical
investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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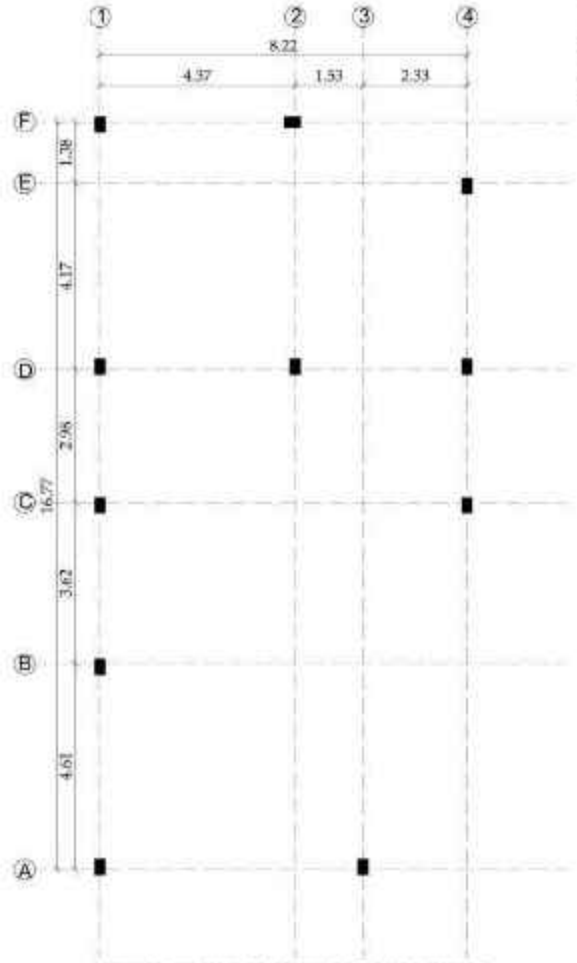
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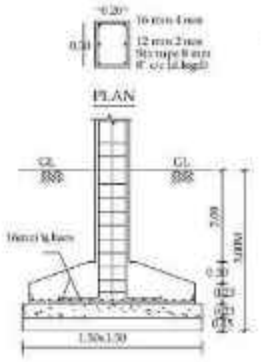
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No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
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CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

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Reg. No: CGL DIST/RSE/Gr-II/2006/005
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Chengalpattu Dist-603 312
E-mail: jayaram41@gmail.com,
Mobile: 9597909585

19.08.2026

STABILITY CERTIFICATE

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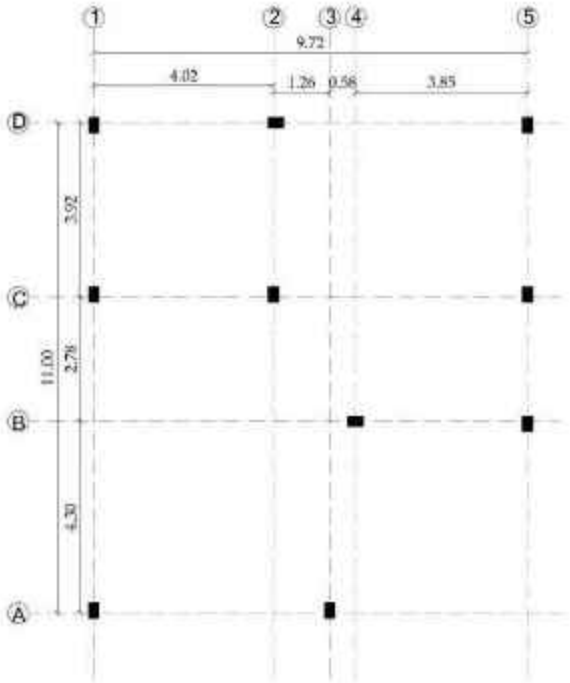
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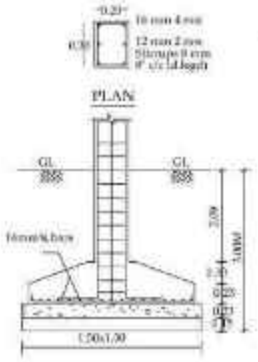
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CENTER LINE AND COLUMN POSITION DRAWING



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E-mail: jayaraman6@gmail.com
Mobile: 9597980385

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.15, S.no.311/33, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

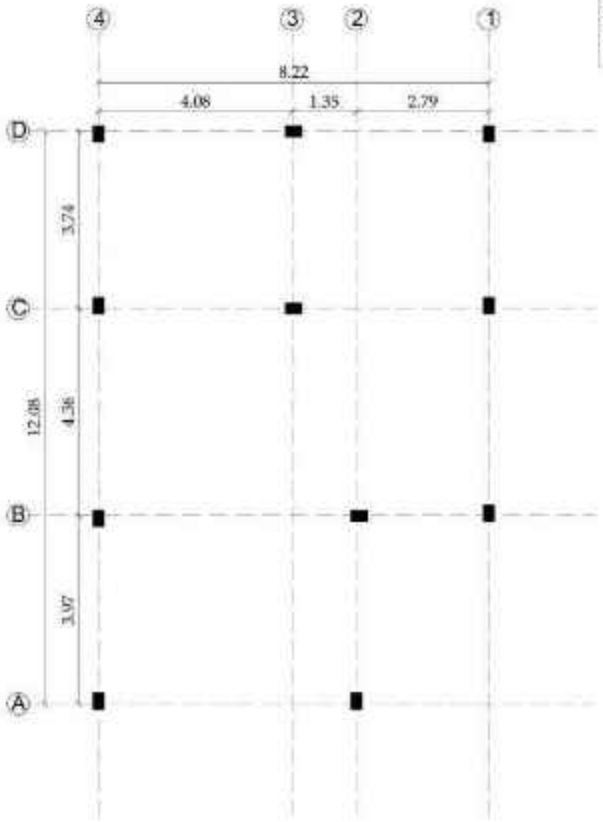
2. he design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No IS: 875 (Part 1) - 1987 & IS: 875 (Part 2) - 1987 and design of earthquake resistant structure as per IS Code No IS 1893 (Part 1) -2016

4. The building will be safe and sound when used for the purpose for which it is designed.

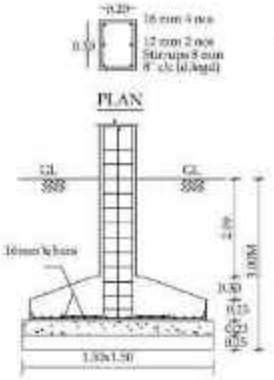
Stamp and Signature

S. Jayaraman
Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.15, S.NO.311/33 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5" thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
2) *SL1 - two Way Slab 5" thik
10mm @ 6"c/c alt.crank extra bar
10mm @ 6"c/c alt .crank extra bar
3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
8mm @ 5"c/c

Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
2. For cantilever spans details at support alone shall be considered

NOTES
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25" PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" : 1" OTHER SIZES 1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3) .
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'L/'.

S. Jayaraman
Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade- I (RSE)
Reg. No: CGL DIST/RSE/Gr-I/2026/1015
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Chengalpattu Dist-603 212
E-mail: jayaeivil@gmail.com
Mobile: 9597980585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.16, S.no.311/39, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

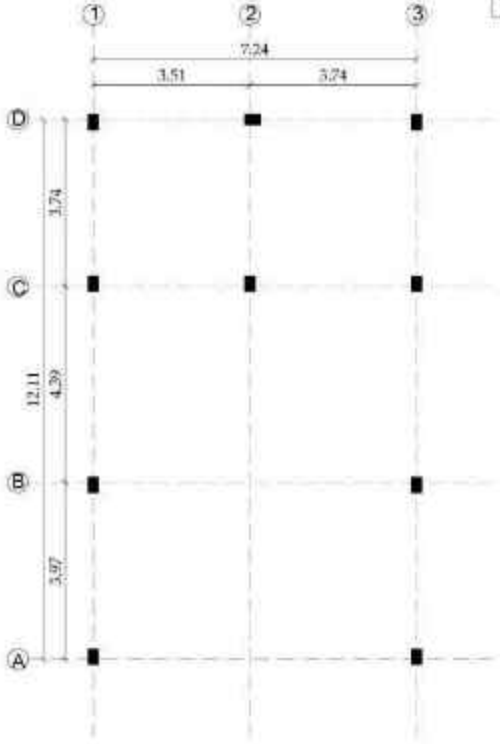
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4. The building will be safe and sound when used for the purpose for which it is designed.

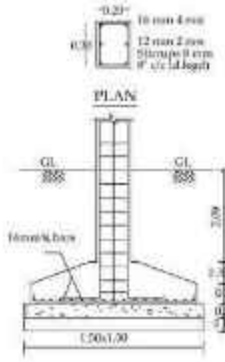
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.16, S.NO.311/39 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thk Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
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10mm @ 6" c/c alt. crank extra bar
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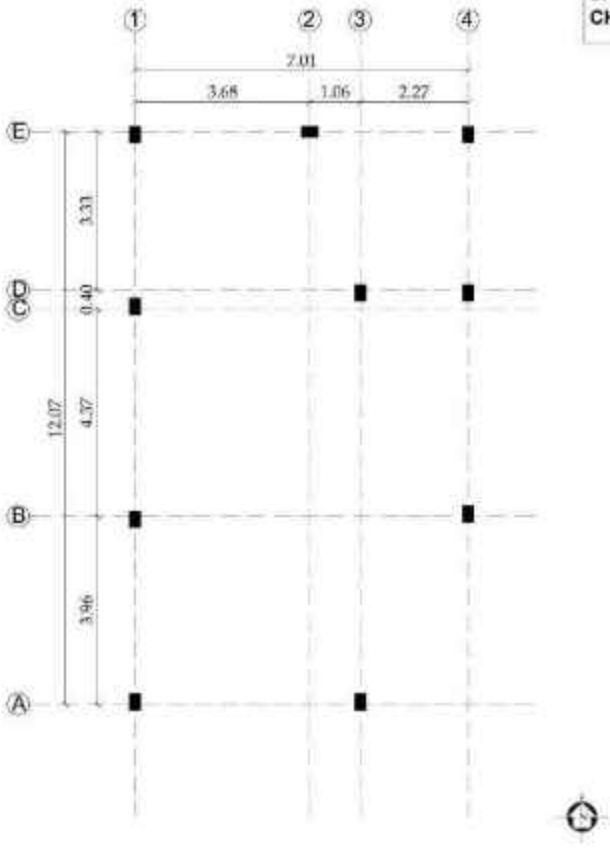
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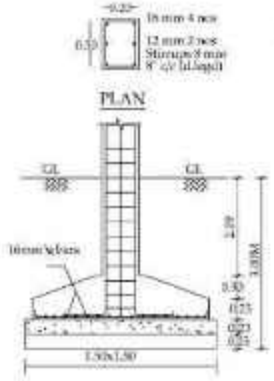
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11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF "Ld".

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (SE)
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.22, S.NO.311/52 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thk Slab
10mm @ 5"c/c alt crank extra bar
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3) *SL2 - Single Way Slab 5" thk
8mm @ 5"c/c alt crank extra bar
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade- II (RSE)
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E-mail: jaybecv@gmail.com
Mobile: 9597900505

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.22, S.no.311/52, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

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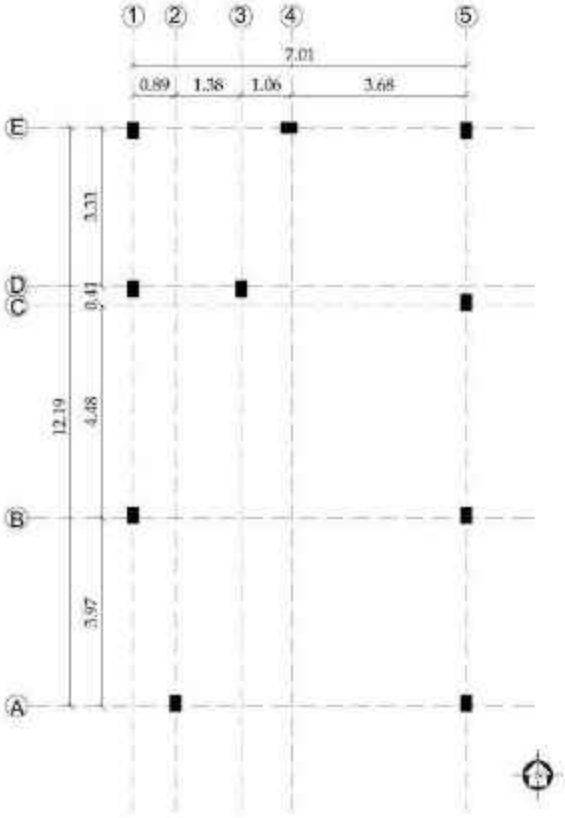
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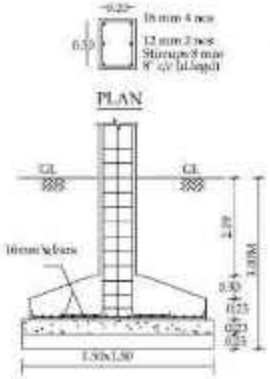
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Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.28, S.NO.311/47 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

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Note:
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NOTES
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FOOTINGS : 2" FLOOR BEAMS : 1.25"PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" 1" OTHER SIZES: 1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade- II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2020/015
No. 6, Bharathi Nagar, Perumpur, Cheyyar Tk,
Chengalpattu Dist-603 312
E-mail: jayberth@gmail.com,
Mobile: 9597005585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.28, S.no.311/47, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

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4. The building will be safe and sound when used for the purpose for which it is designed.

Stamp and Signature

S. Jayaraman
Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
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Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.29, S.no.311/58, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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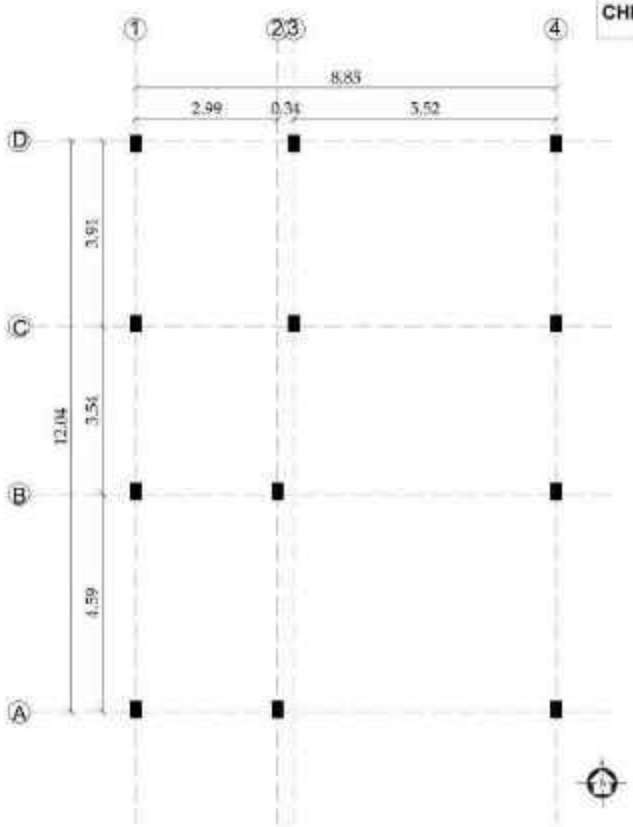
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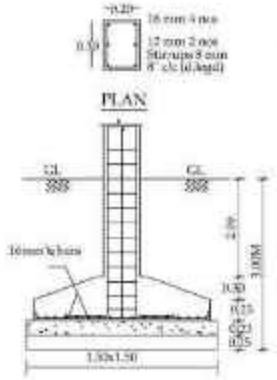
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Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
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Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.29, S.NO.311/58 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

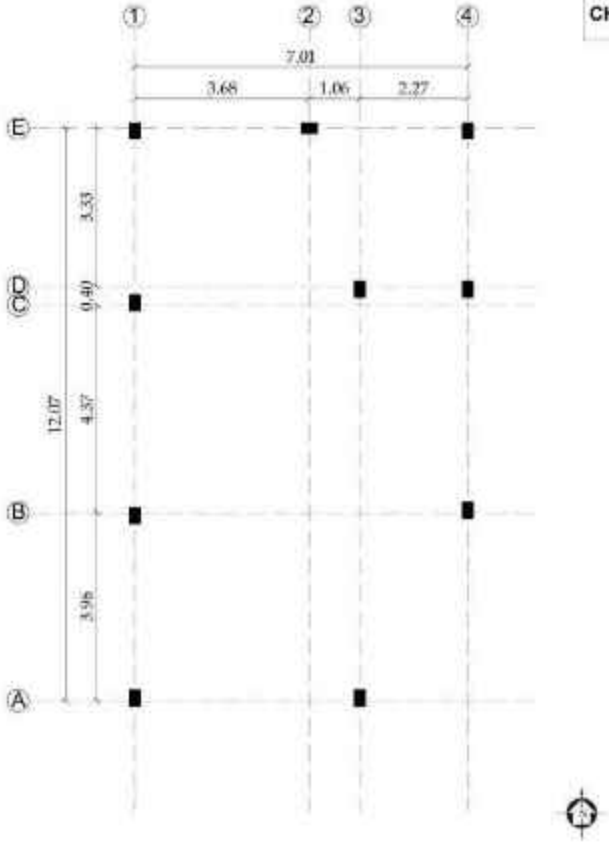
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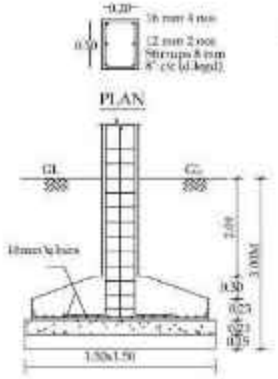
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade II (SE)
Reg. No: CGL DIST/ SSE/Gr-II/2020/105
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Chengalpattu Dist-603 312
E-mail: jayhouse10@gmail.com,
Mobile: 9597398668

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.34, S.NO.311/68 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

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10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHOERD IN TO THE BEAM BE A LENGTH OF 5.6'.

Er. S. JAYARAMAN, BE.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CCL DIST/RSE/Gr-II/2024/005
No. 6, Bharathi Nagar, Perungalur, Cheyyur Tk,
Chengalpattu Dist-603 312
E-mail: jayberivil@gmail.com
Mobile: 9597908585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.34, S.no.311/68, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

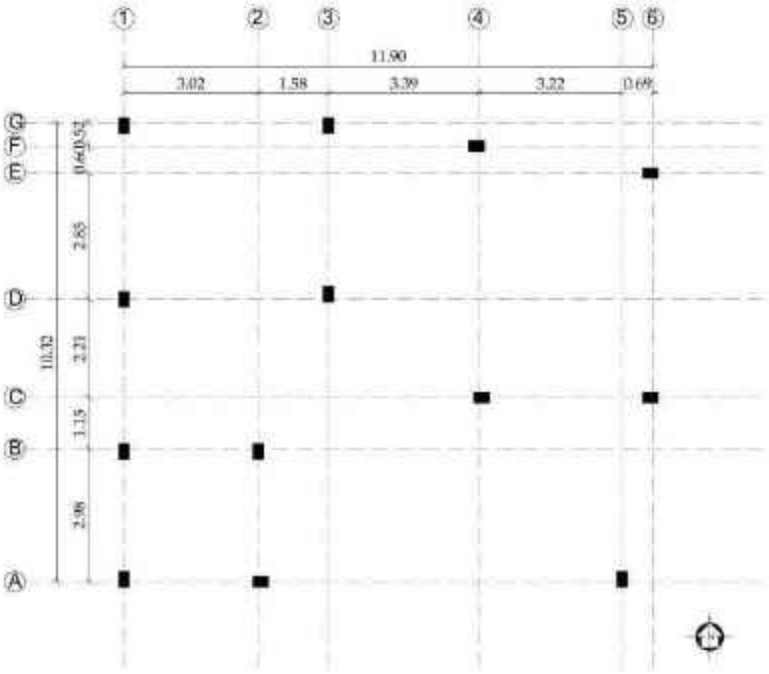
2. he design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No IS: 875 (Part 1) - 1987 & IS: 875 (Part 2) - 1987 and design of earthquake resistant structure as per IS Code No IS 1893 (Part 1) -2016

4. The building will be safe and sound when used for the purpose for which it is designed.

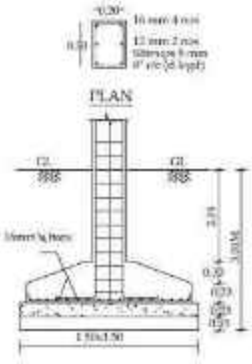
Stamp and Signature

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.40, S.NO.311/72 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 6"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
2) *SL3 - two Way Slab 5" thik
10mm @ 6"c/c alt.crank extra bar
10mm @ 6"c/c alt .crank extra bar
3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
8mm @ 5"c/c

Note:
1. If extra rods at top at column support varies between the beams joining the column. Larger of the two shall be provided
2. For cantilever spans details at support above shall be considered

NOTES:
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25" FLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" :1" OTHER SIZES 1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3) .
4. * - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (9KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NOC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'Ld'

Er. S. JAYARAMAN, ME.
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2035/2005
No. 6, Bharathi Nagar, Perumpur, Cheyyur Tk.
Chengalpattu Dist-603 312.
E-mail: jayhecivil@gmail.com,
Mobile: 9597908585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.40, S.no.311/72, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

2. he design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No IS: 875 (Part 1) - 1987 & IS: 875 (Part 2) - 1987 and design of earthquake resistant structure as per IS Code No IS 1893 (Part 1) -2016

4. The building will be safe and sound when used for the purpose for which it is designed.

Stamp and Signature

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.41, S.no.311/73, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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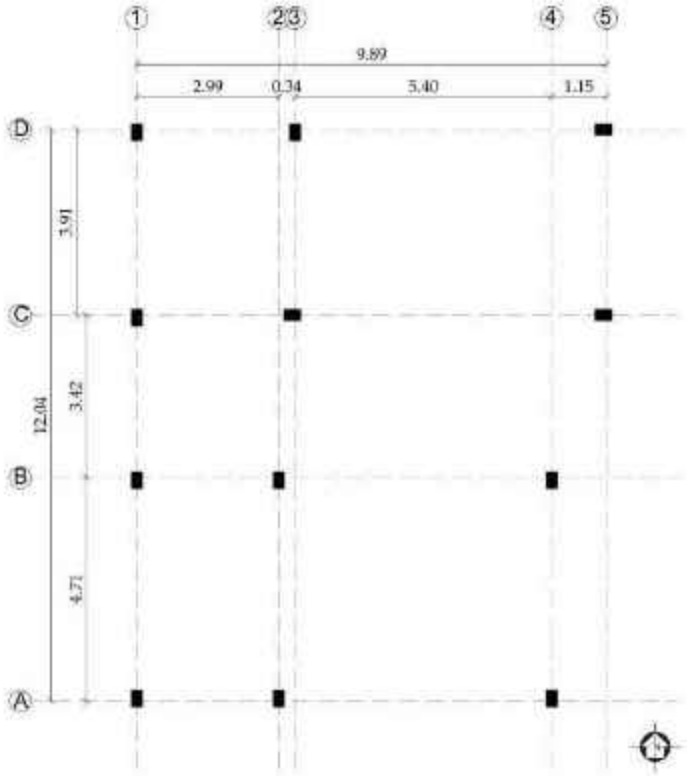
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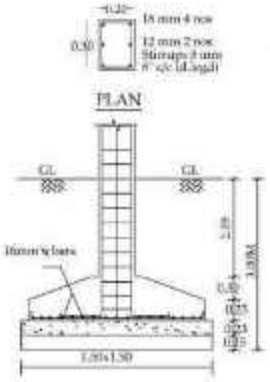
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.41, S.NO.311/73 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
2) *SL1 - two Way Slab 5" thik
10mm @ 6"c/c alt.crank extra bar
10mm @ 6"c/c alt .crank extra bar
3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
8mm @ 5"c/c

Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
2. For cantilever spans details at support alone shall be considered

NOTES

1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS.
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25"PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" :1" OTHER SIZES:1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3) .
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (4KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUE OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'Ld'.

Er. S. JAYARAMAN, ME.,
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Chengalpattu Dist-603 312
E-mail: jayhecivil@gmail.com
Mobile: 9597905105

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.42, S.no.311/74, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

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3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

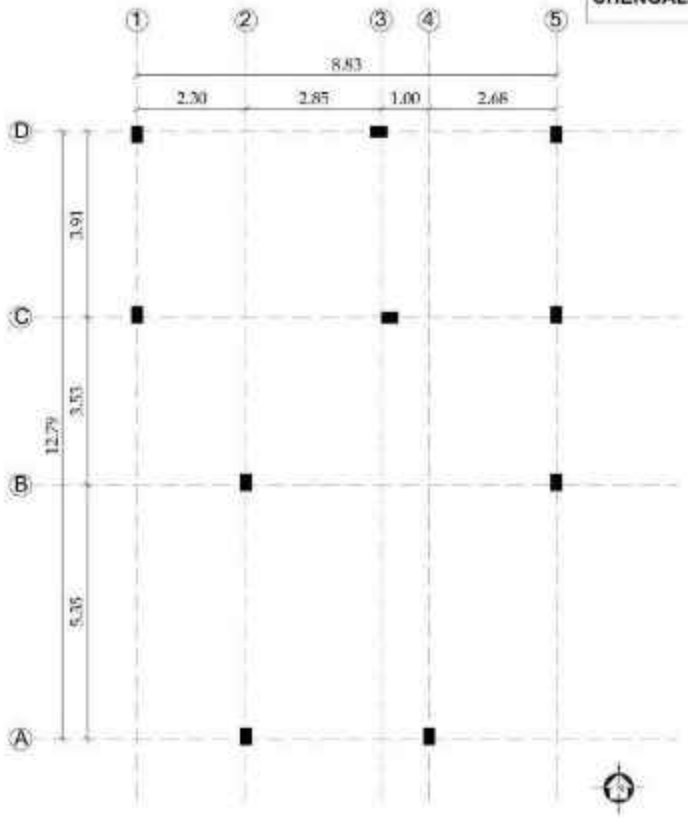
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4. The building will be safe and sound when used for the purpose for which it is designed.

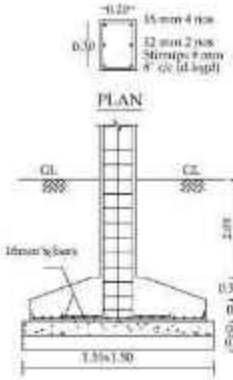
Stamp and Signature

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.42, S.NO.311/74 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)
Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
2) *SL1 - two Way Slab 5" thik
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10mm @ 6"c/c alt .crank extra bar
3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
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Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
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NOTES
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS.
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25"PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" :1" OTHER SIZES 1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. ϕ - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (ISE)
Reg. No: CGL DIST/ISE/Gr-II/2020/005
No. 6, Bharathi Nagar, Perumbur, Cheyyur TK.
Chengalpattu Dist-603 312
E-mail: jayburch@gmail.com.
Mobile: 9597108560

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.43, S.no.311/75, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

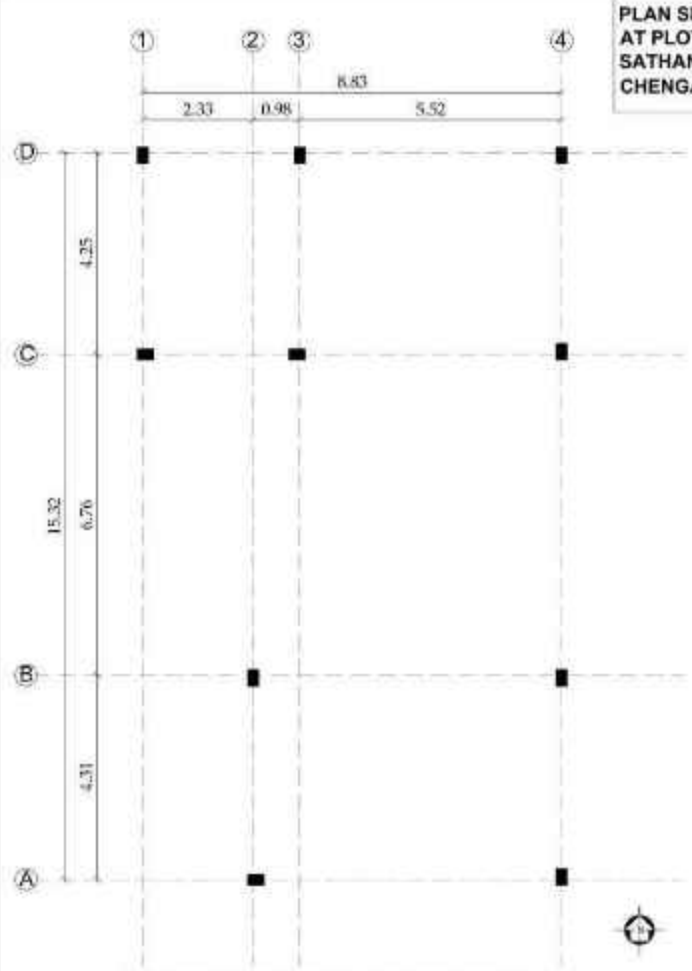
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4. The building will be safe and sound when used for the purpose for which it is designed.

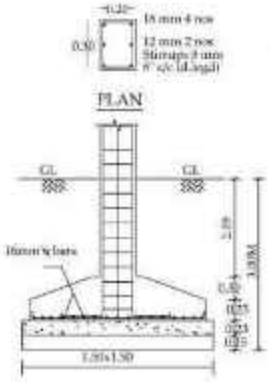
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Pavunjur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.43, S.NO.311/75 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)
Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
2) *SL1 - two Way Slab 5" thik
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10mm @ 6"c/c alt .crank extra bar
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Note:
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NOTES
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
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3. CONCRETE MIX - M20 (1:1.5:3) .
4. ϕ - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUE OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'Ld'.

Er. S. JAYARAMAN, BE.,
Registered Structural Engineer Grade: II (RSE)
Reg. No: CGL DIST/RSE/Gr-II/2026/005
No. 6, Bharathi Nagar, Perungudi, Chennai Th.
Chengalpattu Dist-603 212
E-mail: jayaarch@gmail.com.
Mobile: 9597905505

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.44, S.no.311/76, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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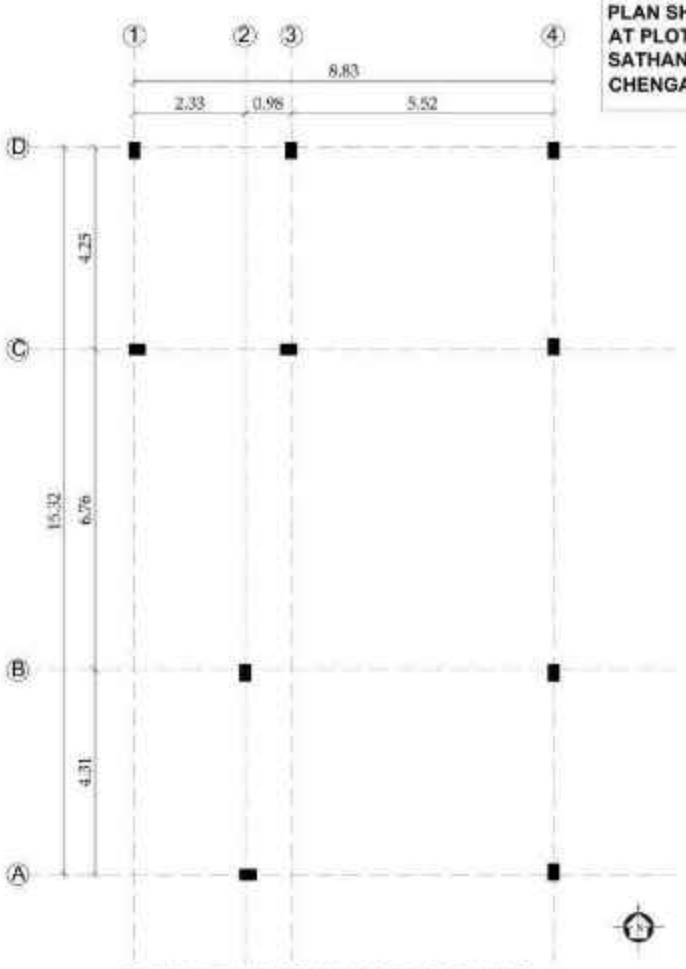
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4. The building will be safe and sound when used for the purpose for which it is designed.

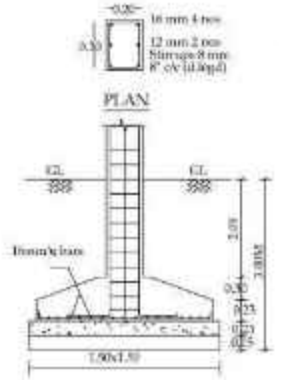
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Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.44, S.NO.311/76 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS

(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thk Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
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10mm @ 6"c/c alt .crank extra bar
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Note:

1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
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NOTES

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COLUMN : FOR 9"X9" :1" OTHER SIZES:1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (9KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000
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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade- II (RSE)
Reg. No: CDL DIST/RSE/Gr-II/2026/905
No. 6, Bharathi Nagar, Perumpur, Cheyyar Tk.
Chengalpattu Dist-603 312
E-mail: jayhscivil@gmail.com.
Mobile: 9597905585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.47, S.no.311/70, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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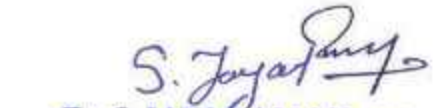
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2. he design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No IS: 875 (Part 1) - 1987 & IS: 875 (Part 2) - 1987 and design of earthquake resistant structure as per IS Code No IS 1893 (Part 1) -2016

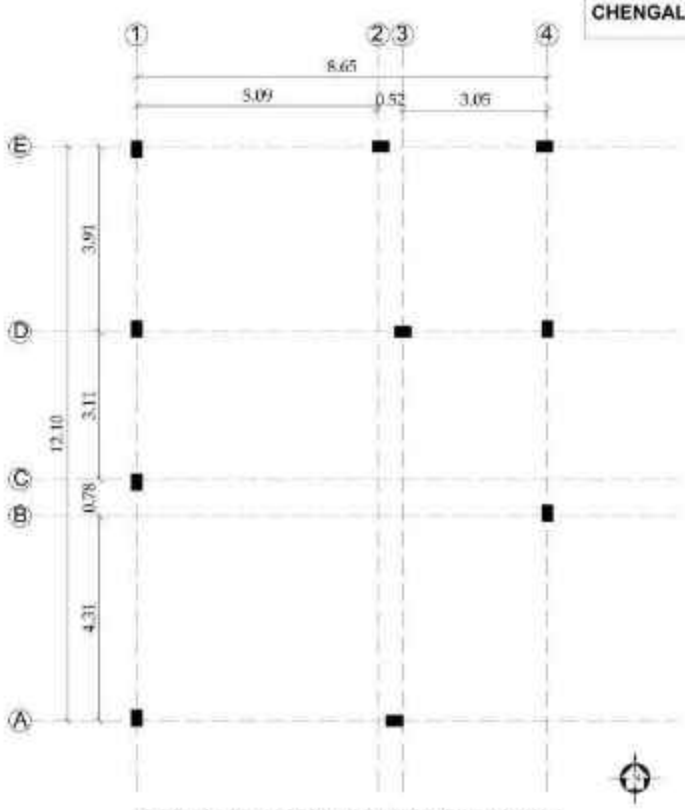
4. The building will be safe and sound when used for the purpose for which it is designed.

Stamp and Signature

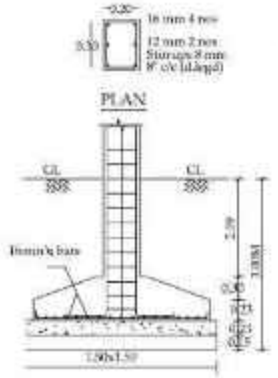


Er. S. JAYARAMAN, ME.,
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.47, S.NO.311/70 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar
2) *SL1 - two Way Slab 5" thik
10mm @ 6"c/c alt.crank extra bar
10mm @ 6"c/c alt .crank extra bar
3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
8mm @ 5"c/c

Note:
1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
2. For cantilever spans details at support alone shall be considered

NOTES
1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25" PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" :1" OTHER SIZES:1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3) .
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (SKN/CLM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456:2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BY A LENGTH OF 'Ld'

Er. S. JAYARAMAN, ME.,
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Mobile: 9597908385

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.48, S.no.311/56, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
2026 and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I have checked various parameters and found that the proposed building would be safe.

3. I further certify that:

1. The minimum grade of concrete is M30 for column & M25 for all other structural elements

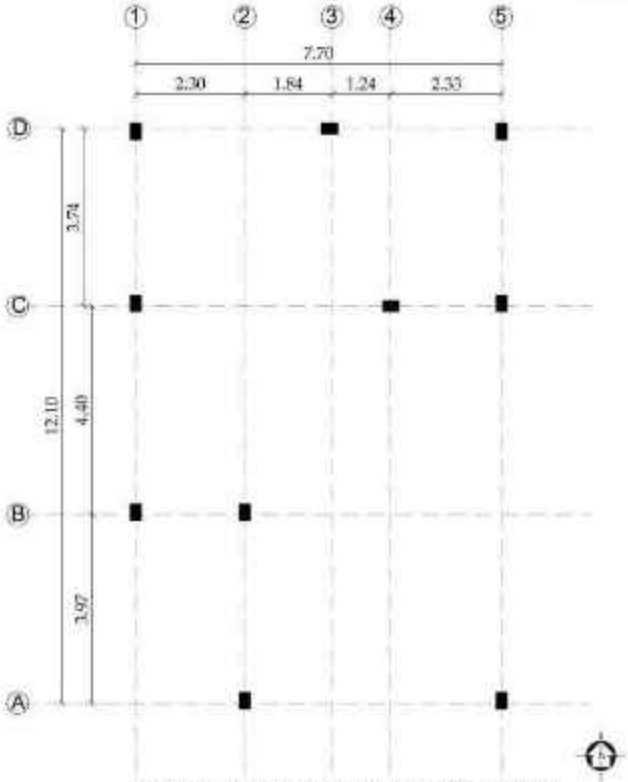
2. he design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes No IS: 875 (Part 1) - 1987 & IS: 875 (Part 2) - 1987 and design of earthquake resistant structure as per IS Code No IS 1893 (Part 1) -2016

4. The building will be safe and sound when used for the purpose for which it is designed.

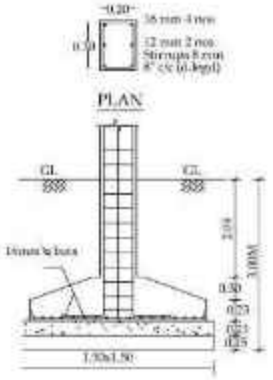
Stamp and Signature

Er. S. JAYARAMAN, ME.,
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PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.48, S.NO.311/56 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS

(NOT TO SCALE)

Slab Thickness 5"

1) * SL - Two Way Slab 5"thik Slab
10mm @ 5"c/c alt.crank extra bar
10mm @ 5"c/c alt.crank extra bar

2) *SL1 - two Way Slab 5" thik
10mm @ 6"c/c alt.crank extra bar
10mm @ 6"c/c alt .crank extra bar

3) *SL2 - Single Way Slab 5" thik
8mm @ 5"c/c alt.crank extra bar
8mm @ 5"c/c

Note:

1. If extra rods at top at column support varies between the beams joining the column Larger of the two shall be provided
2. For cantilever spans details at support alone shall be considered

NOTES

1. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS
2. CLEAR COVER
FOOTINGS : 2" FLOOR BEAMS : 1.25" PLINTH BEAM : 1.5"
COLUMN : FOR 9"X9" :1" OTHER SIZES:1.5" SLAB : 1"
3. CONCRETE MIX - M20 (1:1.5:3).
4. # - INDICATES STEEL REINFORCEMENT
5. ALL REINFORCEMENT USED SHALL BE OF Fe415 GRADE AS PER IS 1786-1985
6. BUILDING IS DESIGNED FOR G+1 FLOORS
7. DIMENSIONS ARE IN FEET & INCHES
8. ONLY 4.5" LIGHT PARTITION (6KN/CUM) CAN BE BUILT OVER CONCEALED BEAMS (IF ANY)
9. THE DESIGN IS AS PER IS456-2000.
10. THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWINGS
11. THE ONUS OF CONSTRUCTION AS PER IS 456-2000 AND NBC LIES WITH THE CLIENT
12. WHEN COLUMNS REST ON BEAM, COLUMN RODS SHALL BE ANCHORED IN TO THE BEAM BE A LENGTH OF 'L/'.

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Chengalpattu Dist-603 211
E-mail: jayforchv@gmail.com,
Mobile: 9597088585

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.49, S.no.311/54, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
has been done by me based on the report of geotechnical investigation (soil test) done by Dr. R.Venkata Krishnaiah Report No.LLP/431/2025-26 Dated 8 January 2026,
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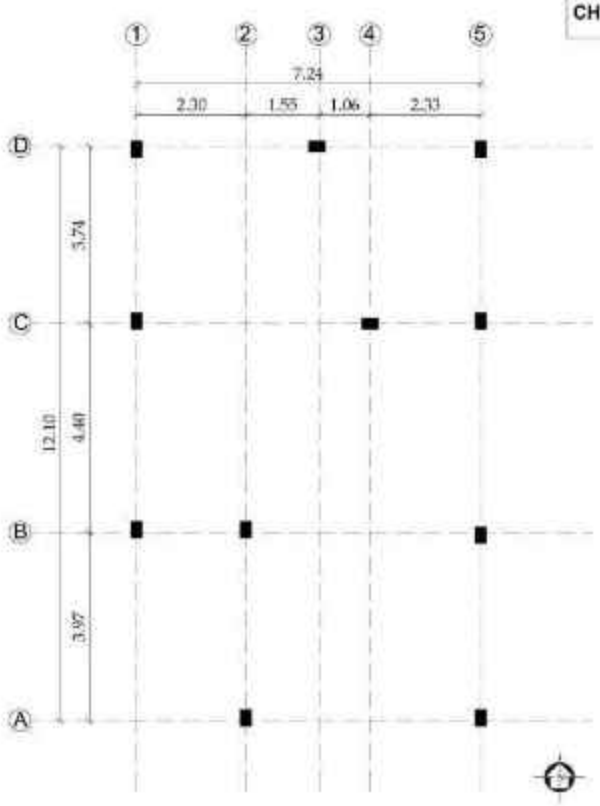
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4. The building will be safe and sound when used for the purpose for which it is designed.

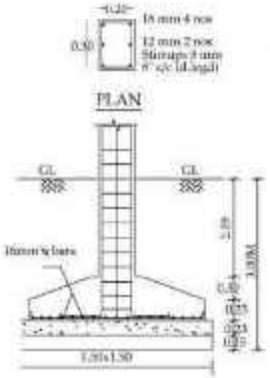
Stamp and Signature

Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade: II (RSE)
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Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.49, S.NO.311/54 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)
Slab Thickness 5"

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Note:
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Er. S. JAYARAMAN, ME.,
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No. 6, Bharathi Nagar, Perumpur, Cheyyur Tk.
Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com
Mobile: 9597905505

19.08.2026

STABILITY CERTIFICATE

The detailed engineering and structure design of the proposed building comprising of Ground Floor +1 **Floors Plot no.50, S.no.311/45, As Per Patta no. 10508, of Pudupakkam madura Sathankuppam Village, Kelambakkam Panchayat, Yandalur Taluk, Chengalpattu district.**
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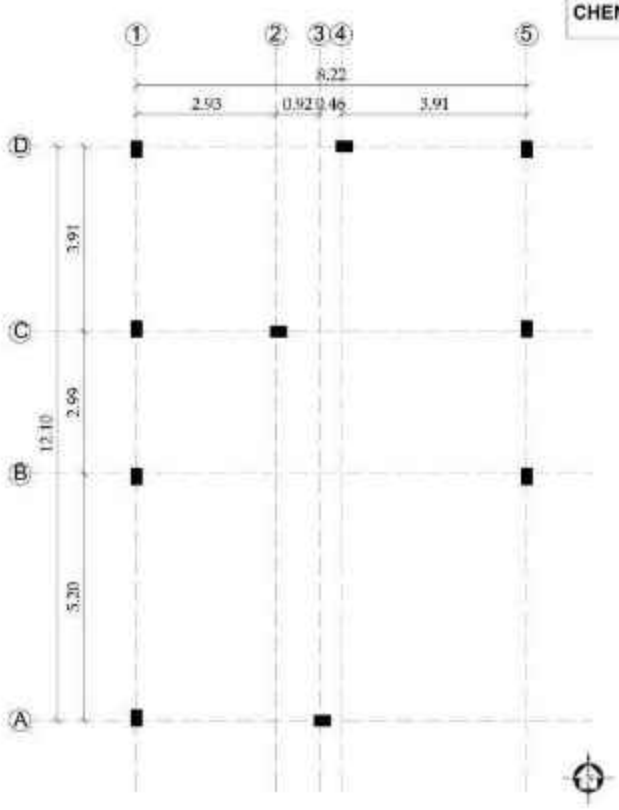
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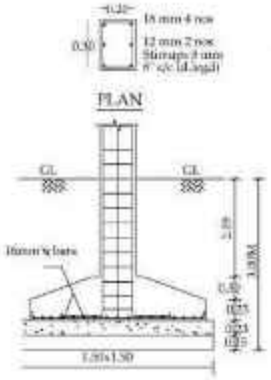
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Chengalpattu Dist-603 312
E-mail: jaybecivil@gmail.com.
Mobile: 9597908585

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL BUILDING AT PLOT NO.50, S.NO.311/45 ,AS PER PATTA NO.10508,OF PUDUPAKKAM MADURA SATHANKUPPAM VILLAGE, KELAMBAKKAM PANCHAYAT ,VANDALUR TALUK , CHENGALPATTU DISTRICT.



CENTER LINE AND COLUMN POSITION DRAWING



COLUMN DETAILS
(NOT TO SCALE)

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Er. S. JAYARAMAN, ME.,
Registered Structural Engineer Grade II (RSE)
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Mobile: 9597408585

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
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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.