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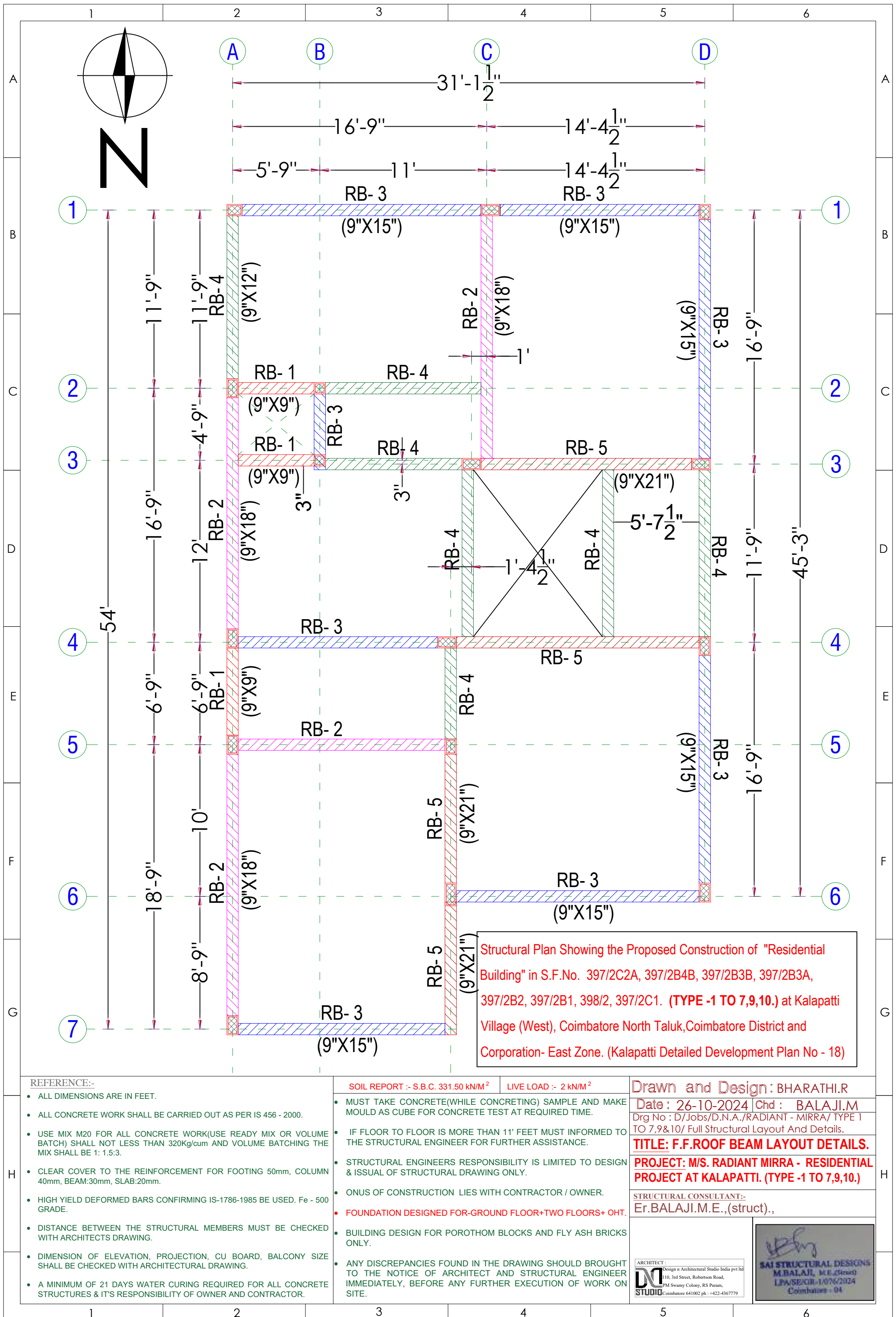
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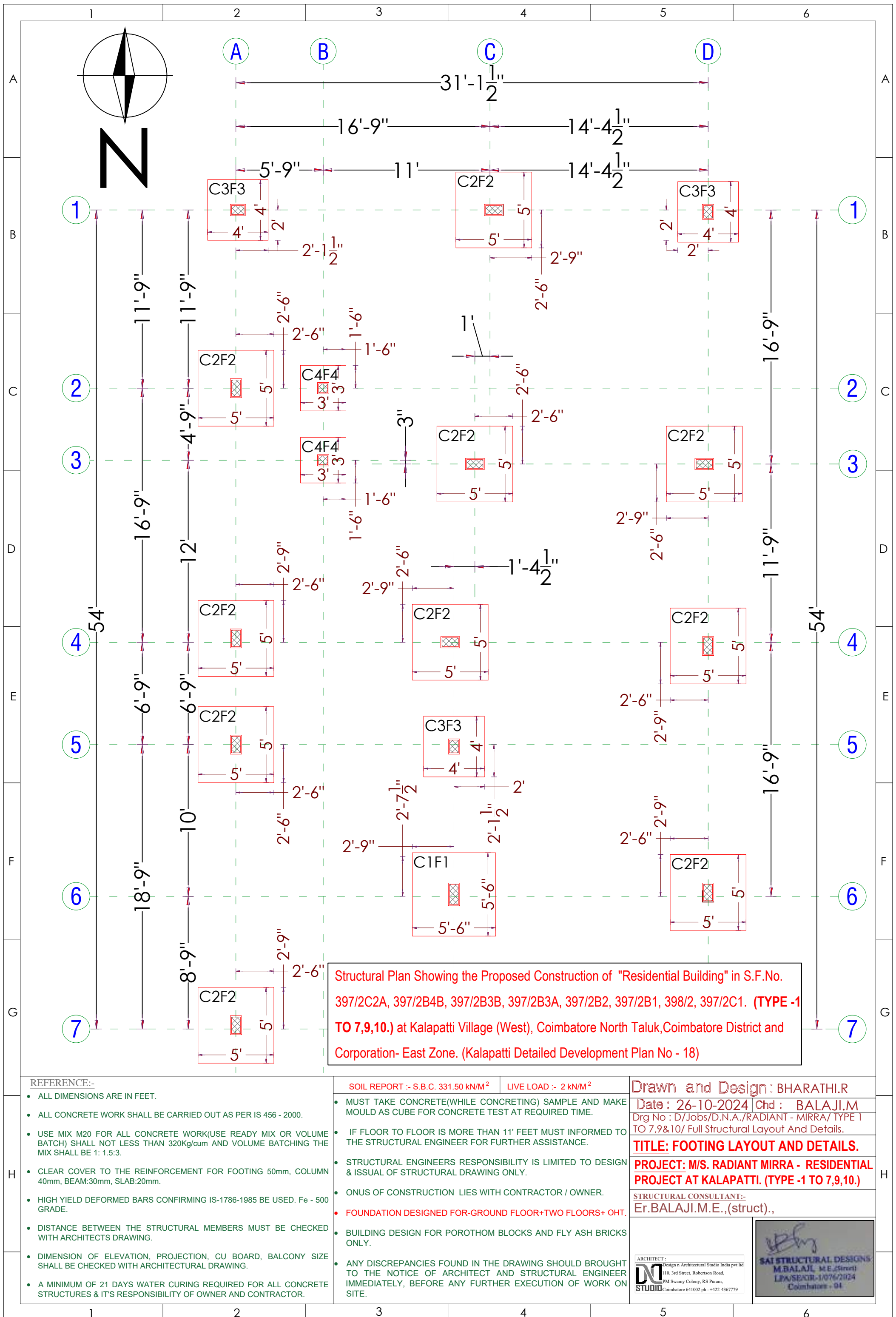
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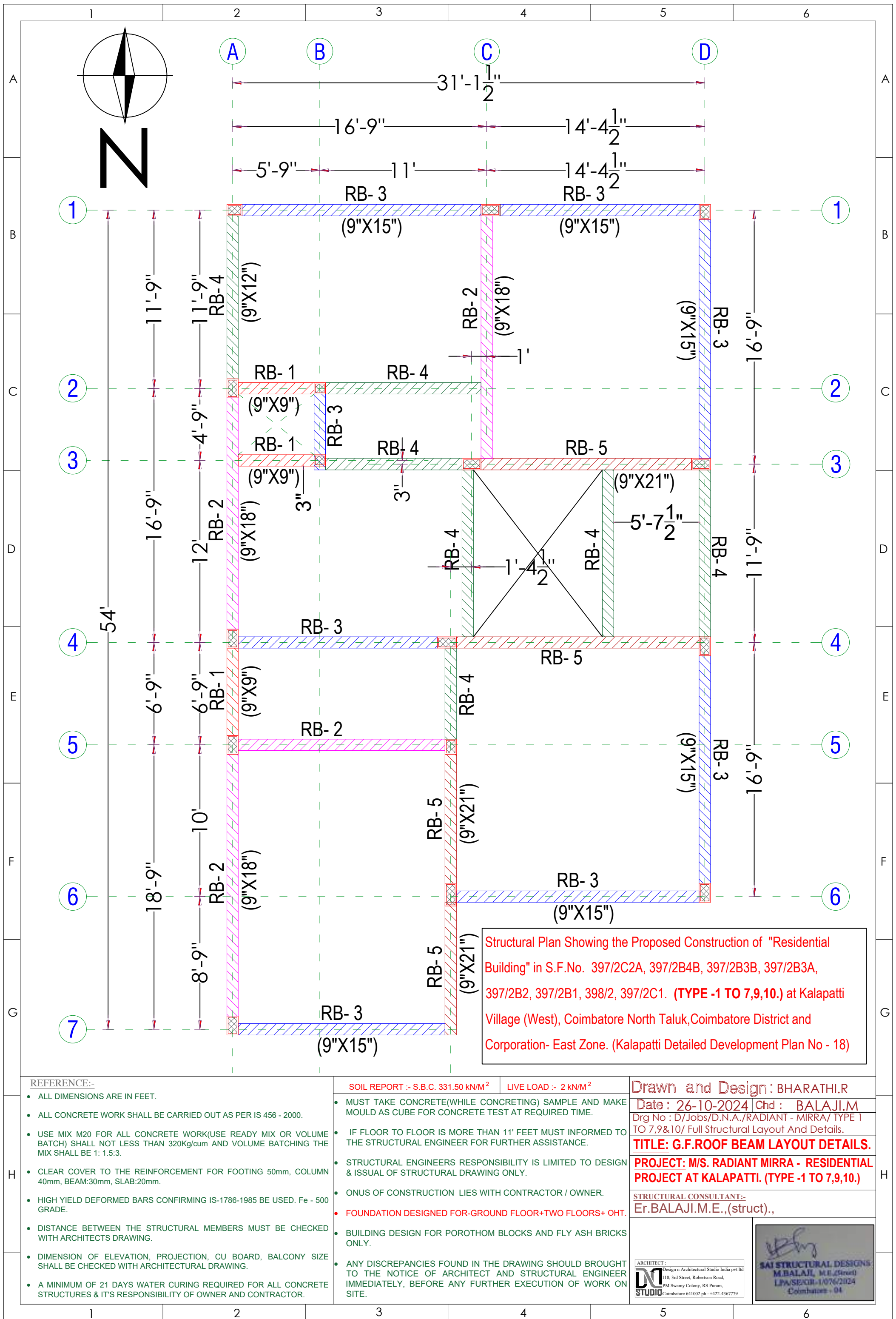


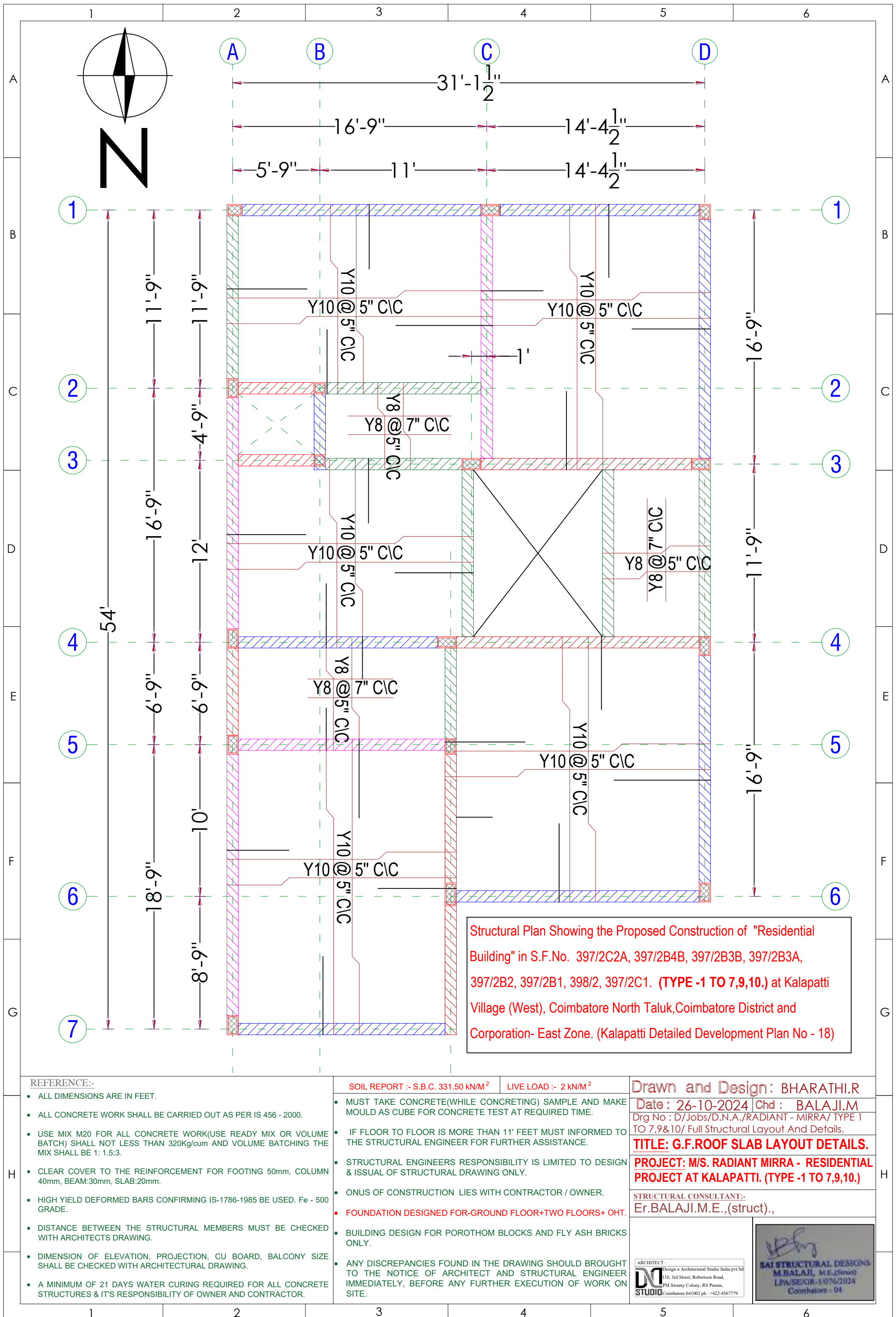




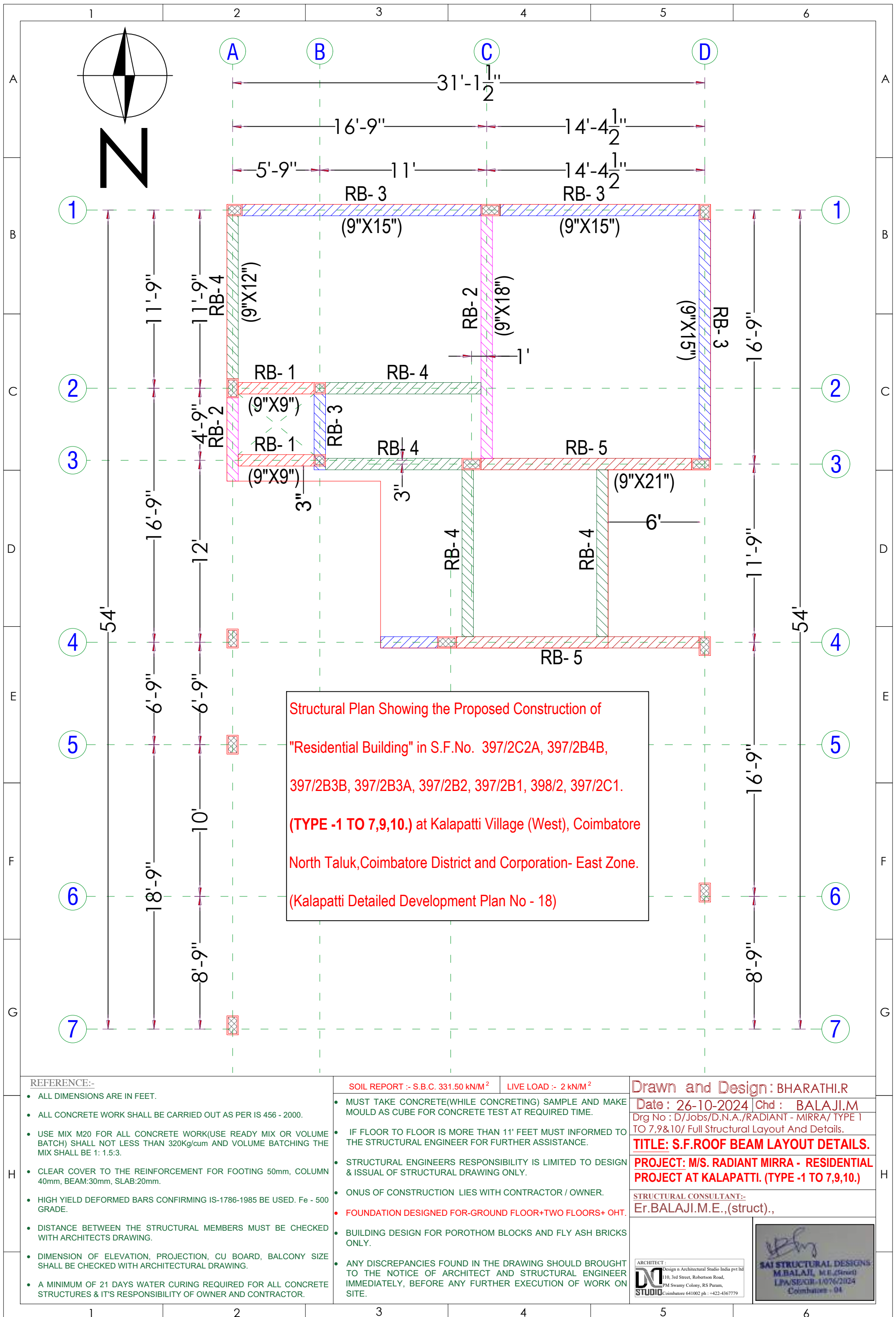


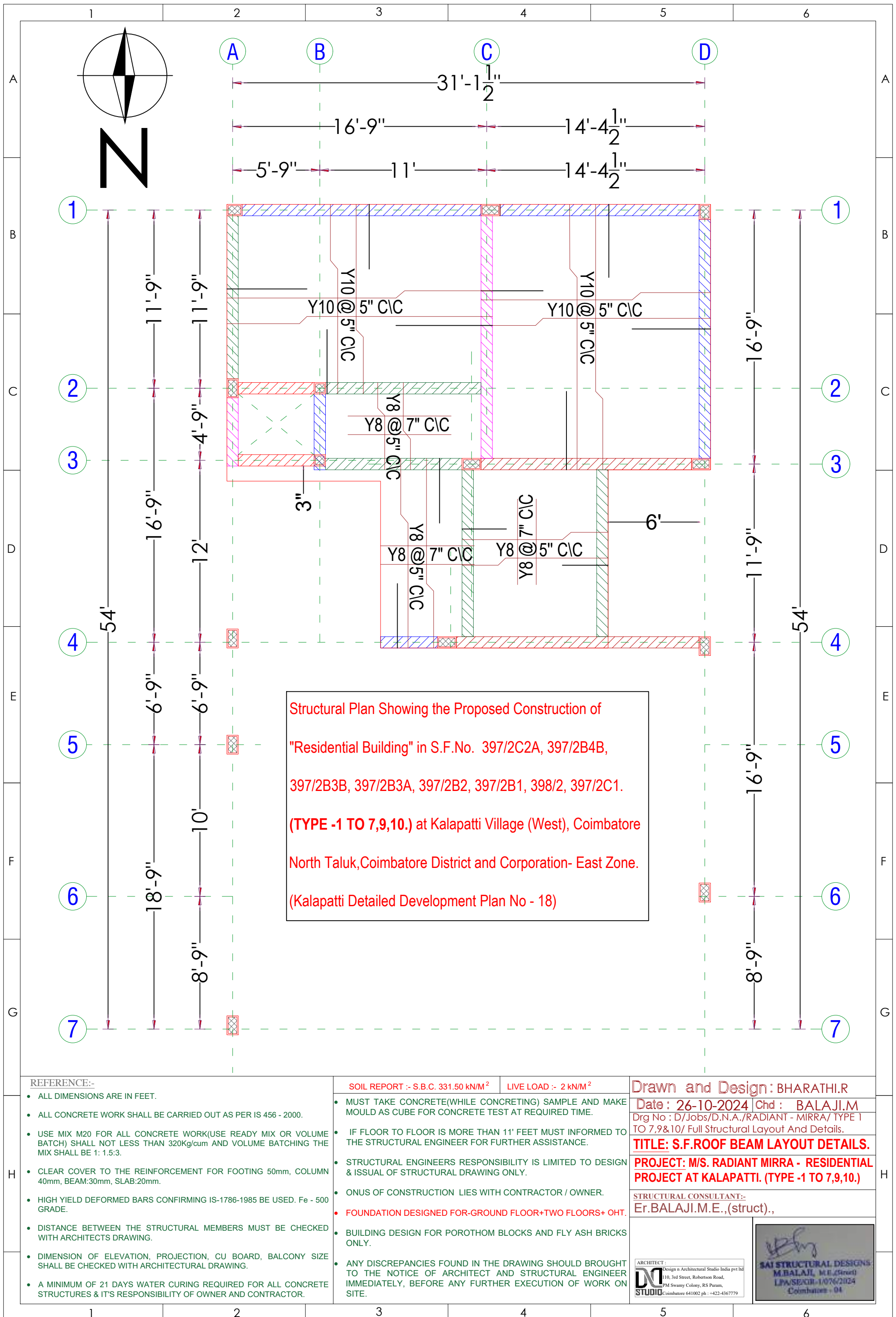


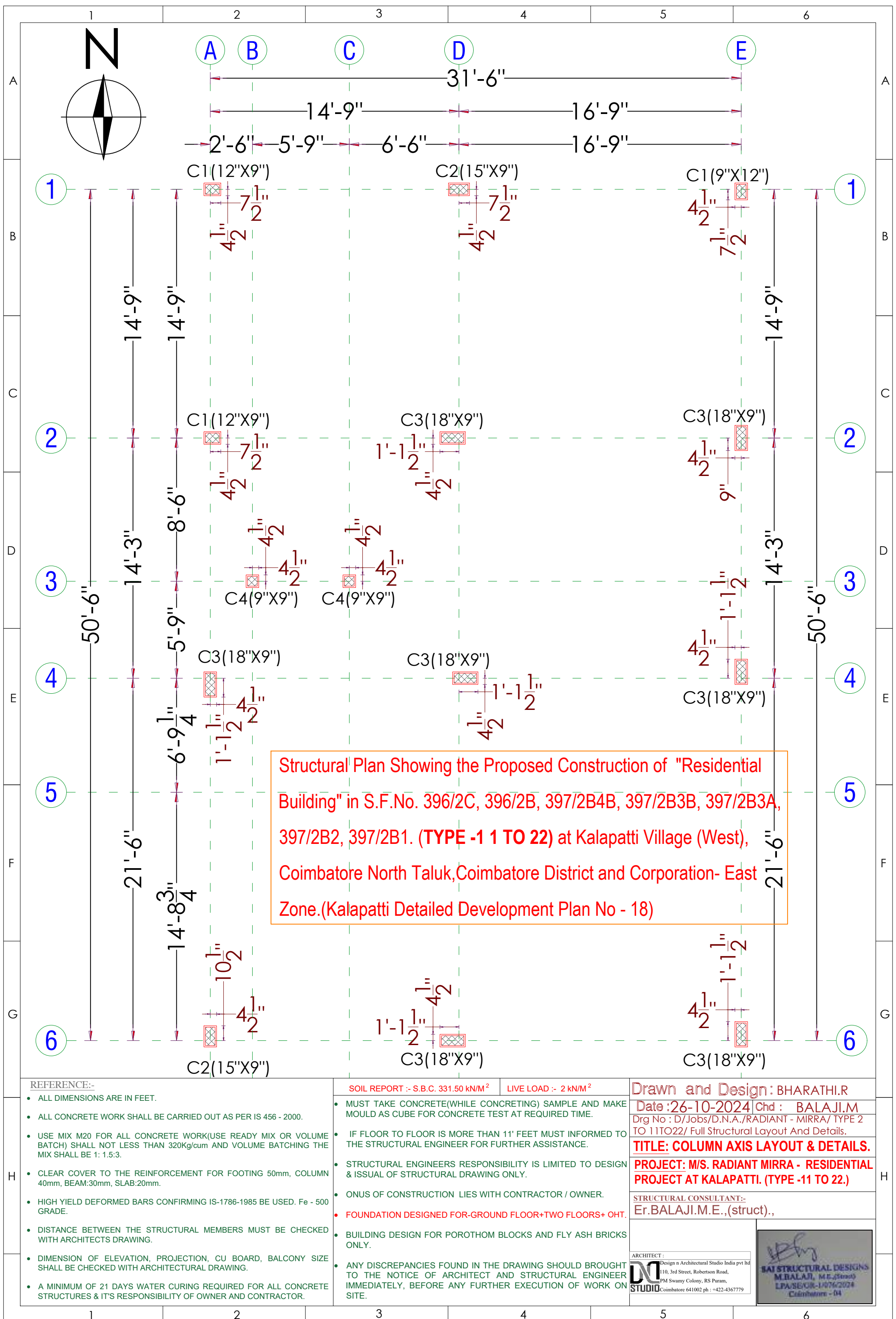


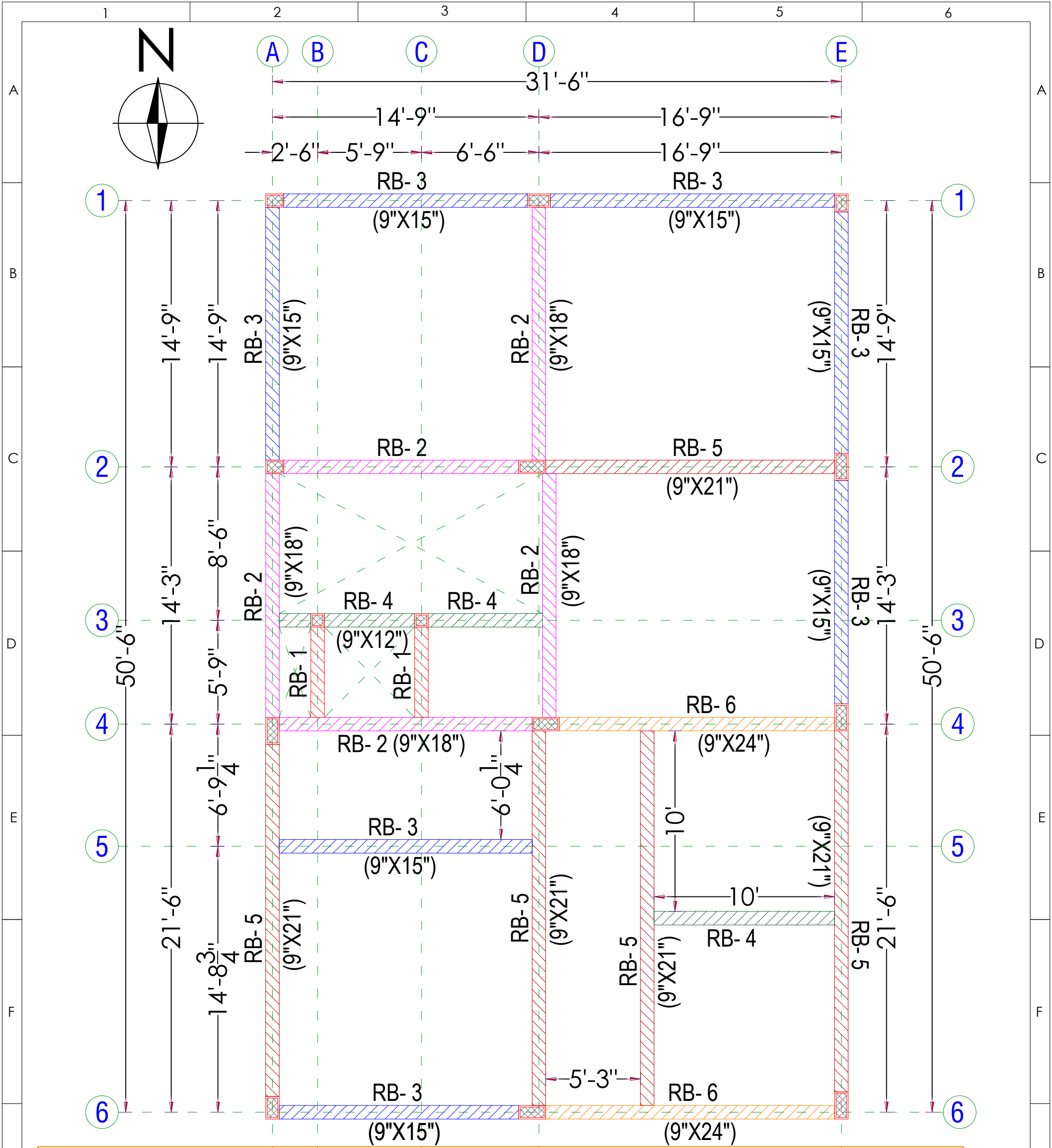




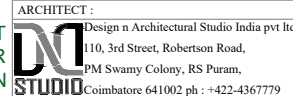


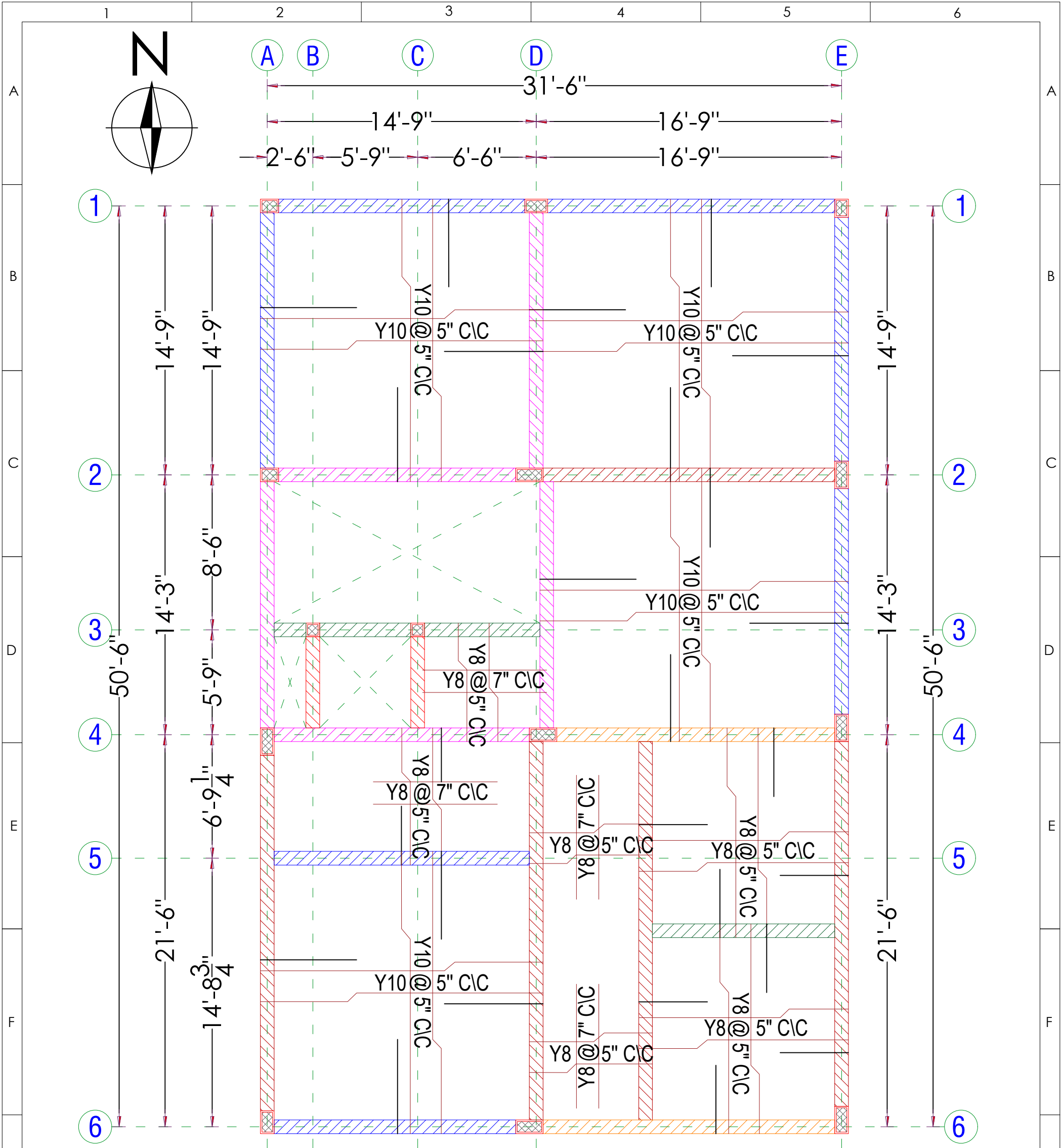






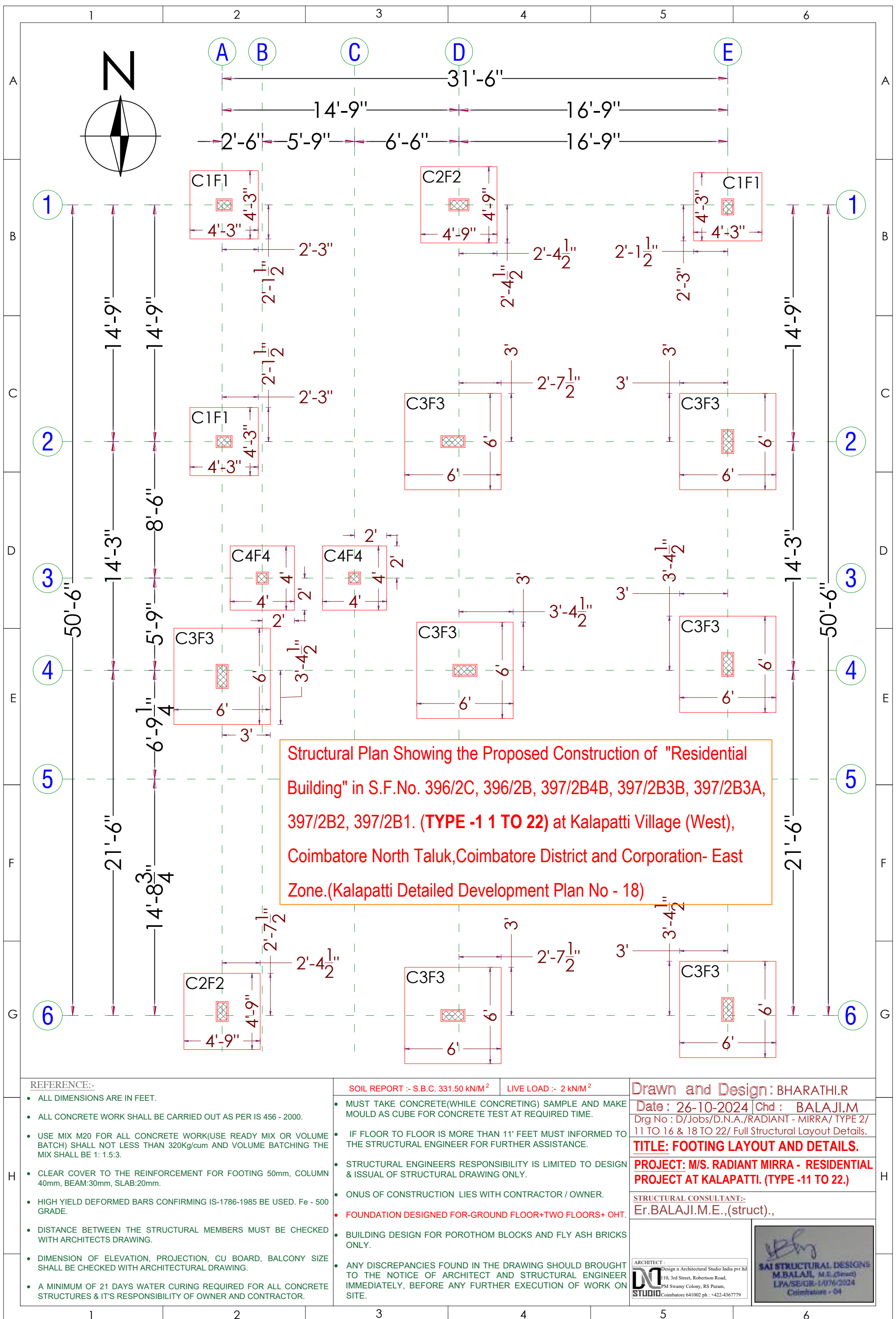
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2C, 396/2B, 397/2B4B, 397/2B3B, 397/2B3A, 397/2B2, 397/2B1. (TYPE -1 1 TO 22) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCE:- <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup> LIVE LOAD :- 2 kN/M <sup>2</sup> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | Drawn and Design : BHARATHI.R<br>Date :26-10-2024   Chd : BALAJI.M<br>Org No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 2/ 11 TO 16 & 18 TO 22/ Full Structural Layout Details.<br><b>TITLE: F.F.ROOF BEAM LAYOUT DETAILS.</b><br><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -11 TO 22.)</b><br><b>STRUCTURAL CONSULTANT:-</b><br>Er.BALAJI.M.E.,(struct).,  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

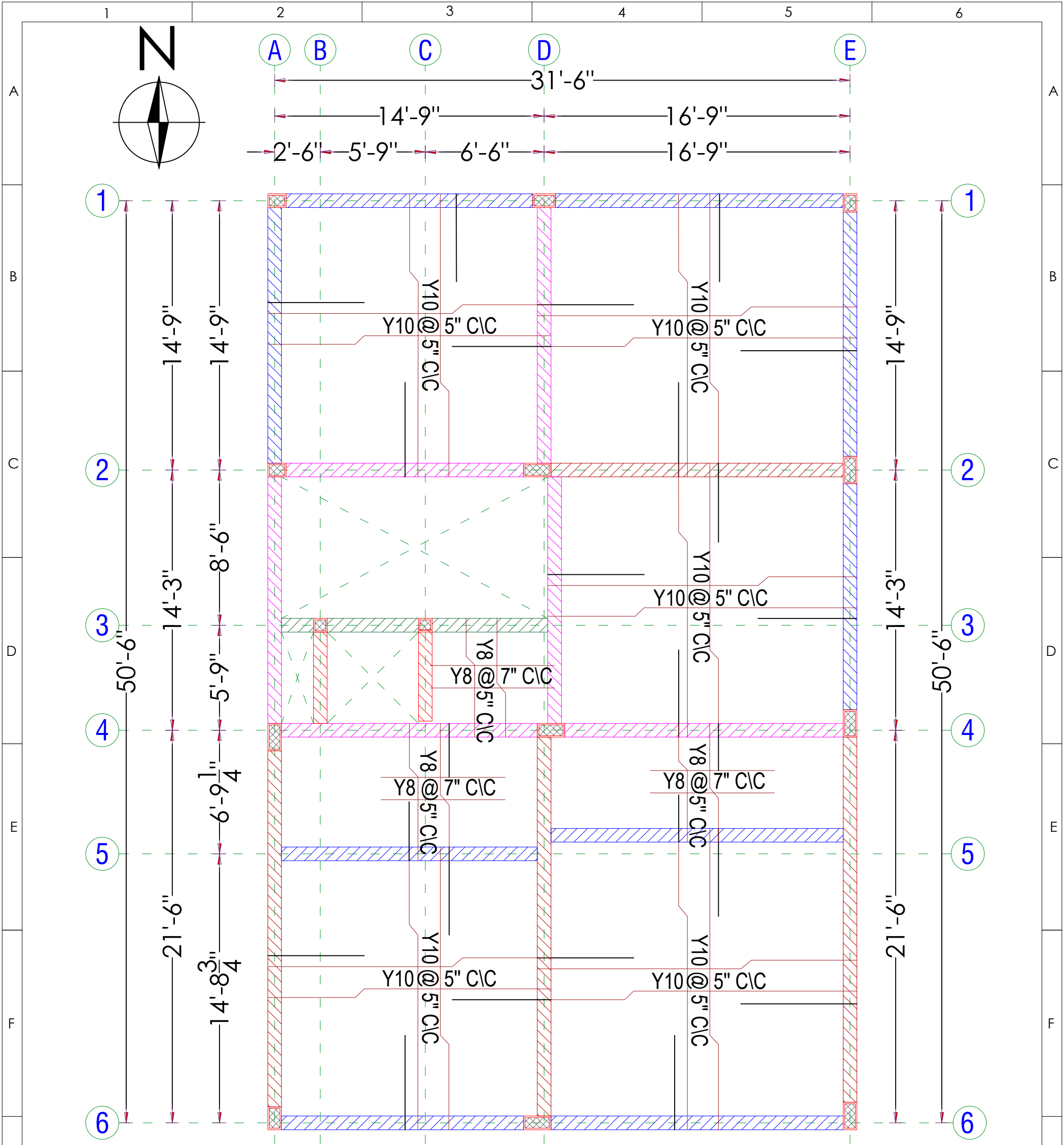


Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2C, 396/2B, 397/2B4B, 397/2B3B, 397/2B3A, 397/2B2, 397/2B1. (TYPE -1 1 TO 22) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|             |                                                                                                                                               |                                                |                                                                                                                                                                     |                                  |                                                                                                                                                                     |                              |   |   |  |   |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---|---|--|---|--|
| REFERENCE:- |                                                                                                                                               | SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup> |                                                                                                                                                                     | LIVE LOAD :- 2 kN/M <sup>2</sup> |                                                                                                                                                                     | Drawn and Design: BHARATHI.R |   |   |  |   |  |
| H           | ALL DIMENSIONS ARE IN FEET.                                                                                                                   |                                                | MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.                                                              |                                  | Date :26-10-2024   Chd : BALAJI.M                                                                                                                                   |                              | H |   |  |   |  |
|             | ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.                                                                                  |                                                | IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.                                                            |                                  | Org No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 2/ 11 TO 16 & 18 TO 22/ Full Structural Layout Details.                                                                |                              |   |   |  |   |  |
|             | USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3. |                                                | STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.                                                                       |                                  | TITLE: F.F.ROOF BEAM LAYOUT DETAILS.                                                                                                                                |                              |   |   |  |   |  |
|             | CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.                                                         |                                                | ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.                                                                                                                  |                                  | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -11 TO 22.)                                                                                   |                              |   |   |  |   |  |
|             | HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.                                                                     |                                                | FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.                                                                                                               |                                  | STRUCTURAL CONSULTANT:-                                                                                                                                             |                              |   |   |  |   |  |
|             | DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.                                                              |                                                | BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.                                                                                                        |                                  | Er.BALAJI.M.E.,(struct).,                                                                                                                                           |                              |   |   |  |   |  |
|             | DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.                                       |                                                | ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE. |                                  | ARCHITECT :<br>Design n Architectural Studio India prt ltd<br>110, 3rd Street, Robertson Road,<br>PM Swamy Colony, RS Puram,<br>Coimbatore 641002 ph : +422-4367779 |                              |   |   |  |   |  |
|             | A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.                         |                                                |                                                                                                                                                                     |                                  | BAI STRUCTURAL DESIGNS<br>M.BALAJI, M.E.,(Struct)<br>LPA/SE/CR-14076/2024<br>Coimbatore - 04                                                                        |                              |   |   |  |   |  |
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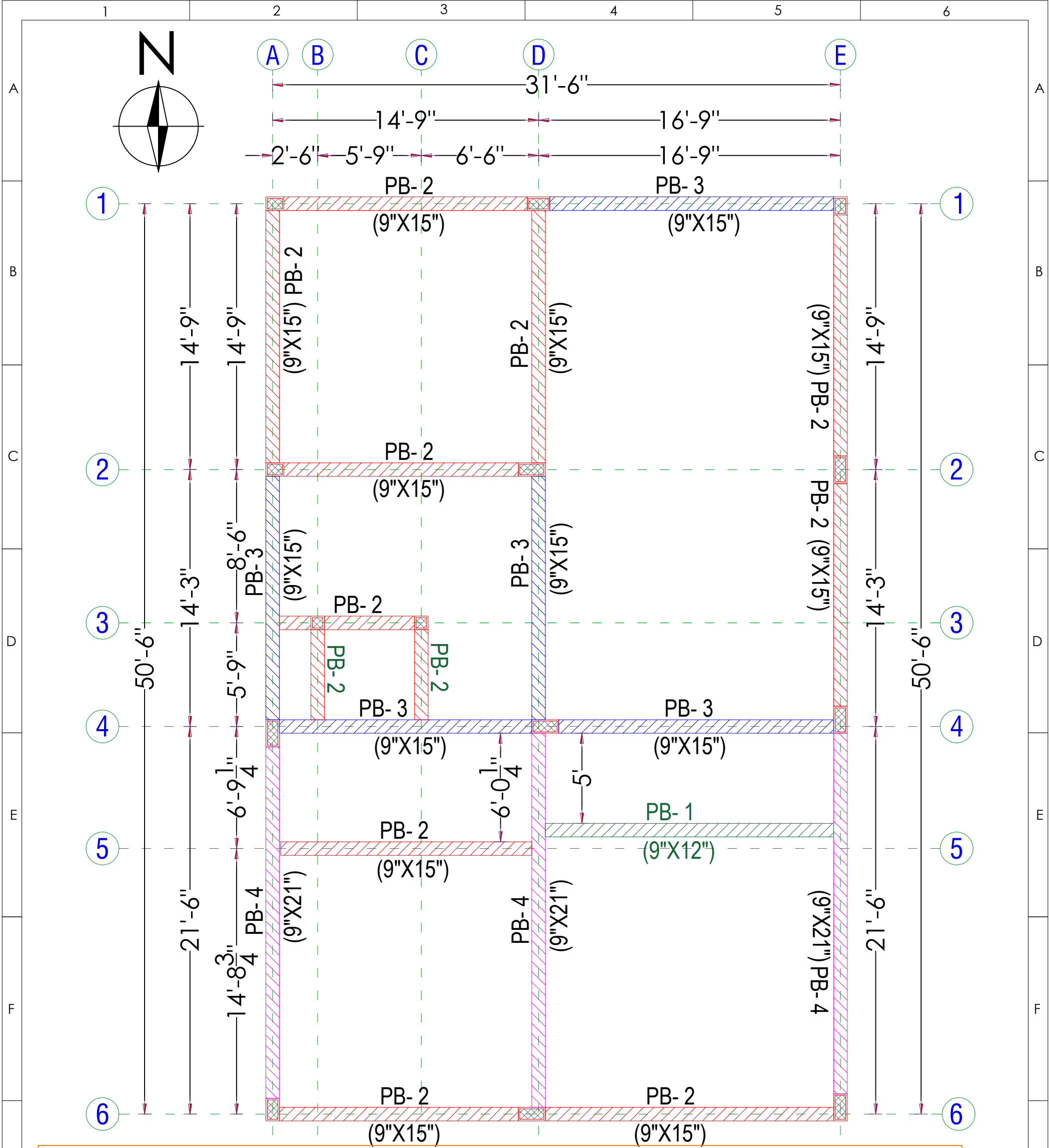






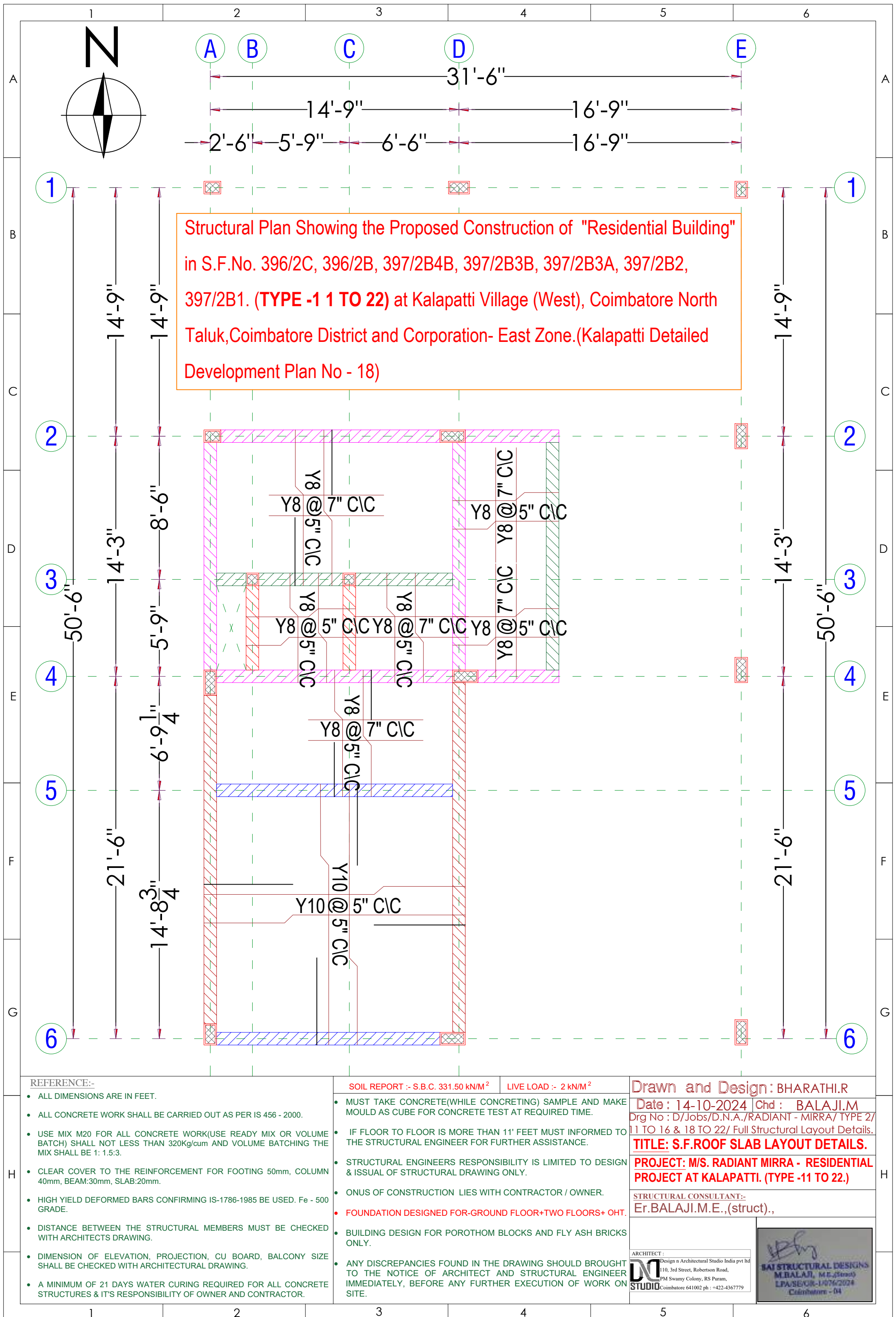
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2C, 396/2B, 397/2B4B, 397/2B3B, 397/2B3A, 397/2B2, 397/2B1. (TYPE -1 1 TO 22) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

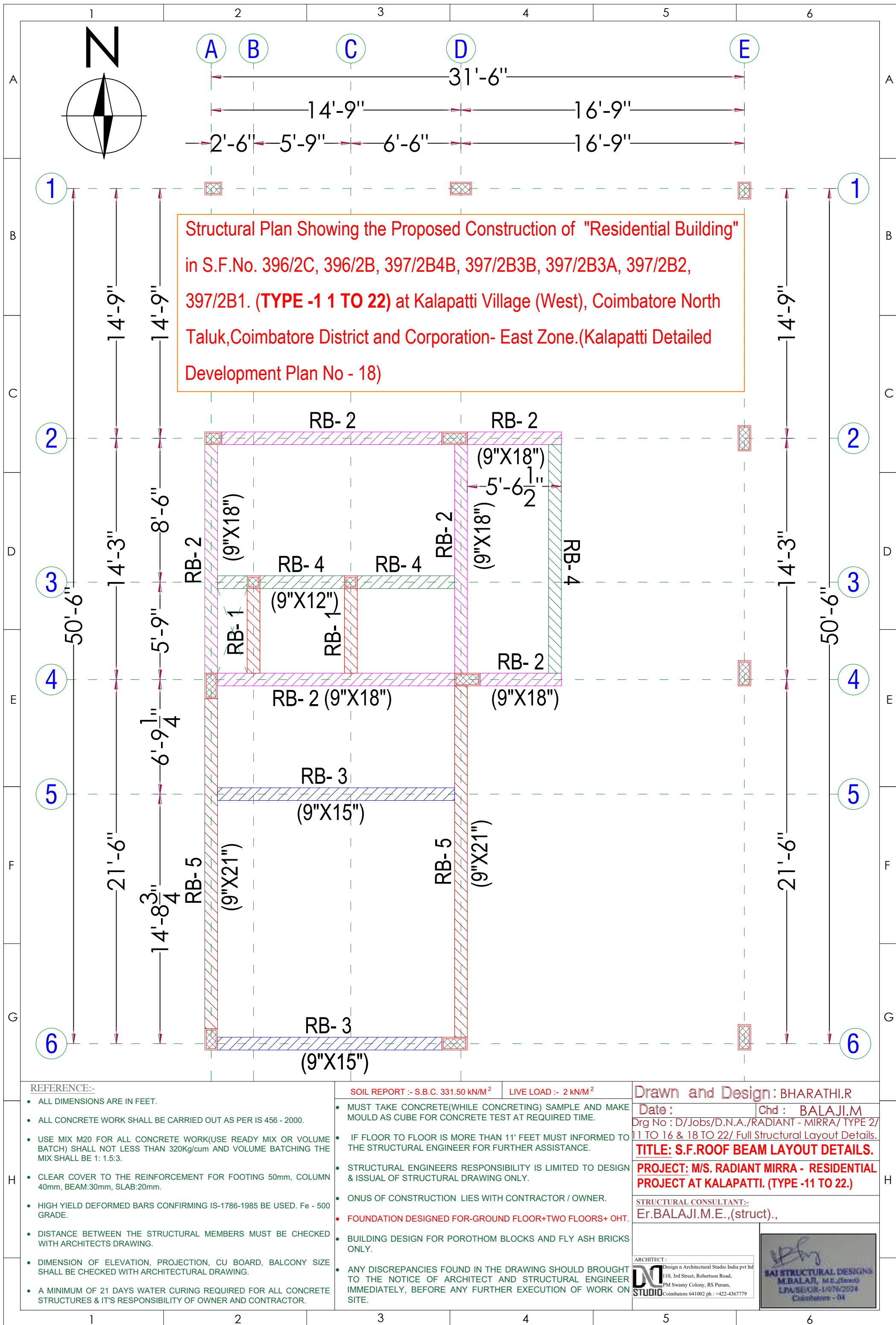
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| H | REFERENCE:- <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup>                                                                                                                                                                                                                                      | LIVE LOAD :- 2 kN/M <sup>2</sup> | Drawn and Design : BHARATHI.R |   |   |
|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   | Date :26-10-2024/ Chd : BALAJI.M<br>Org No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 2/ 11 TO 16 & 18 TO 22/ Full Structural Layout Details.<br><b>TITLE: G.F.ROOF SLAB LAYOUT DETAILS.</b><br><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -11 TO 22.)</b> |                                  |                               |   |   |
|   | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                     |                                  |                               |   |   |
|   | <div>ARCHITECT :<br/>Design n Architectural Studio India prt ltd<br/>110, 3rd Street, Robertson Road,<br/>PM Swamy Colony, RS Puram,<br/>Coimbatore 641002 ph : +422-4367779</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                     |                                  |                               |   |   |
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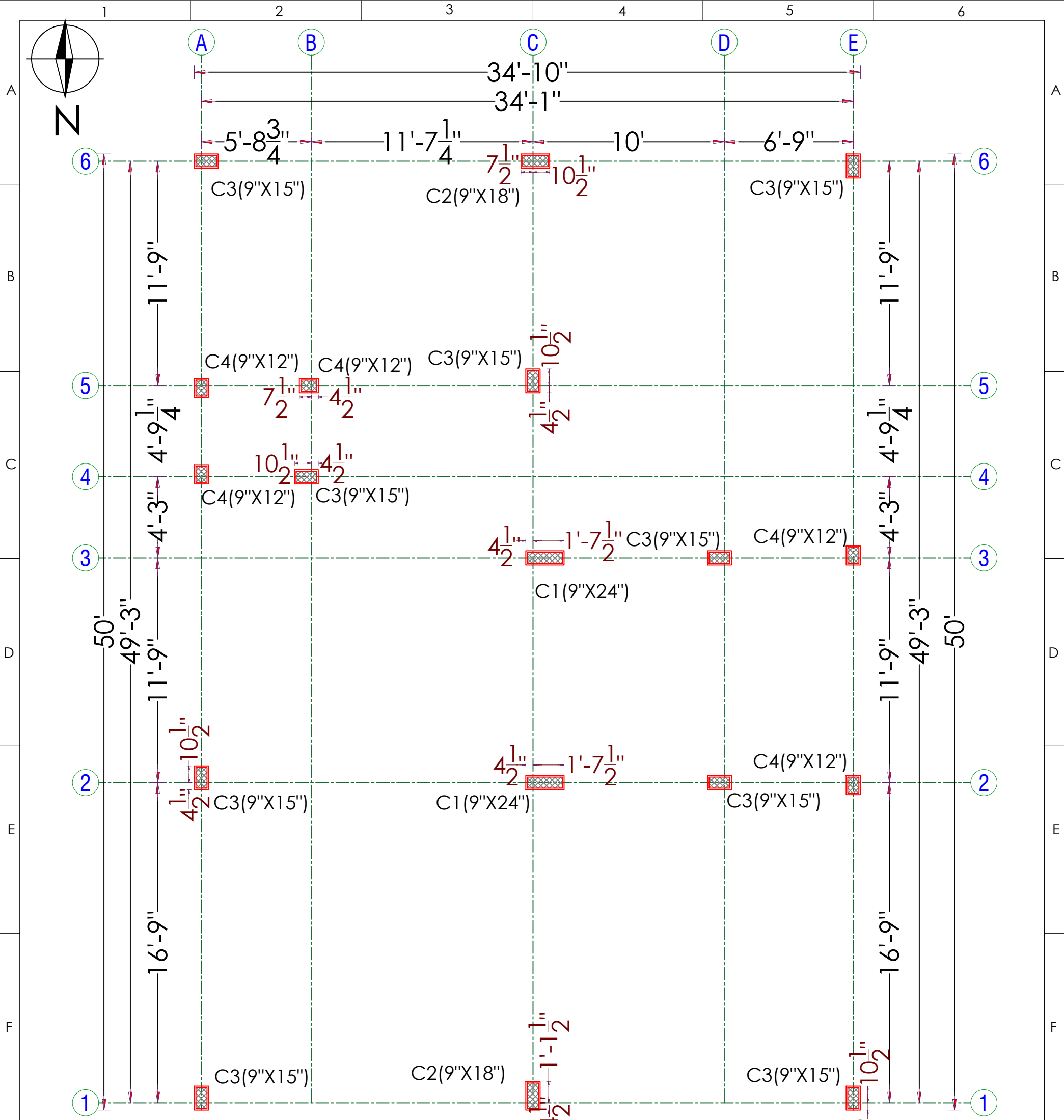


Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2C, 396/2B, 397/2B4B, 397/2B3B, 397/2B3A, 397/2B2, 397/2B1. (TYPE -1 1 TO 22) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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| <div>REFERENCE:-</div> <div><div><div>• ALL DIMENSIONS ARE IN FEET.</div><div>• ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</div><div>• USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</div><div>• CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</div><div>• HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</div><div>• DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</div><div>• DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</div><div>• A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</div></div></div> |   |   | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></div> <div>LIVE LOAD :- 2 kN/M<sup>2</sup></div> <div><div><div>• MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</div><div>• IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</div><div>• STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</div><div>• ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</div><div>• FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</div><div>• BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</div><div>• ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</div></div></div> |   |   | <div>Drawn and Design: BHARATHI.R</div> <div>Date :26-10-2024   Chd : BALAJI.M</div> <div>Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 2/ 11 TO 16 &amp; 18 TO 22/ Full Structural Layout Details.</div> <div>TITLE: PLINTH BEAM LAYOUT &amp; DETAILS.</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -11 TO 22.)</div> <div>STRUCTURAL CONSULTANT:-</div> <div>Er.BALAJI.M.E.,(struct).,</div> <div><div>ARCHITECT :<br/>Design n Architectural Studio India pvt ltd<br/>110, 3rd Street, Robertson Road,<br/>PM Swamy Colony, RS Puram,<br/>Coimbatore 641002 ph : +422-4367779</div><div>BAI STRUCTURAL DESIGNS<br/>M.BALAJI, M.E.,(Struct)<br/>LPA/SE/CR-110762024<br/>Coimbatore - 04</div></div> |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 | 3 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5 | 6 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |

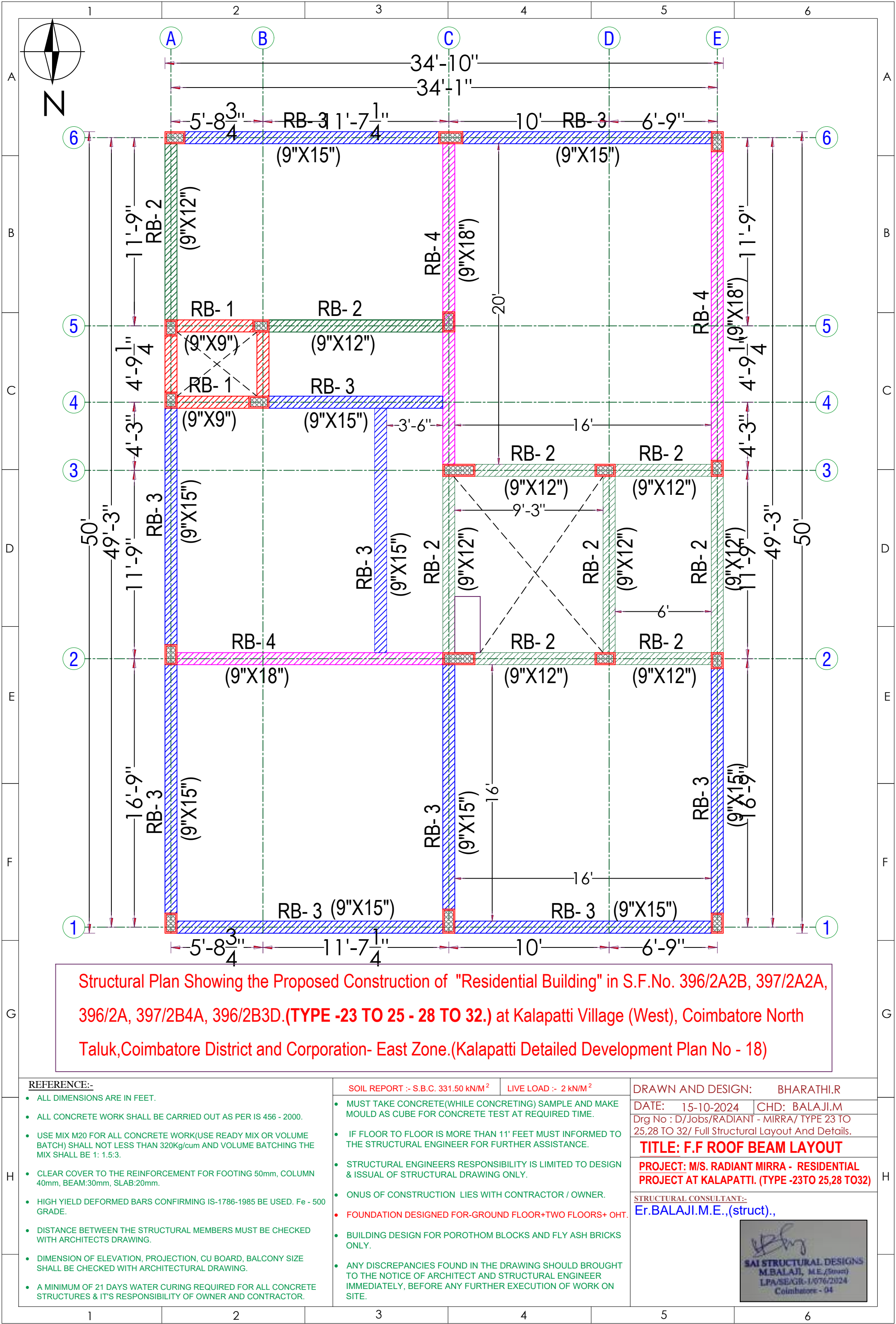


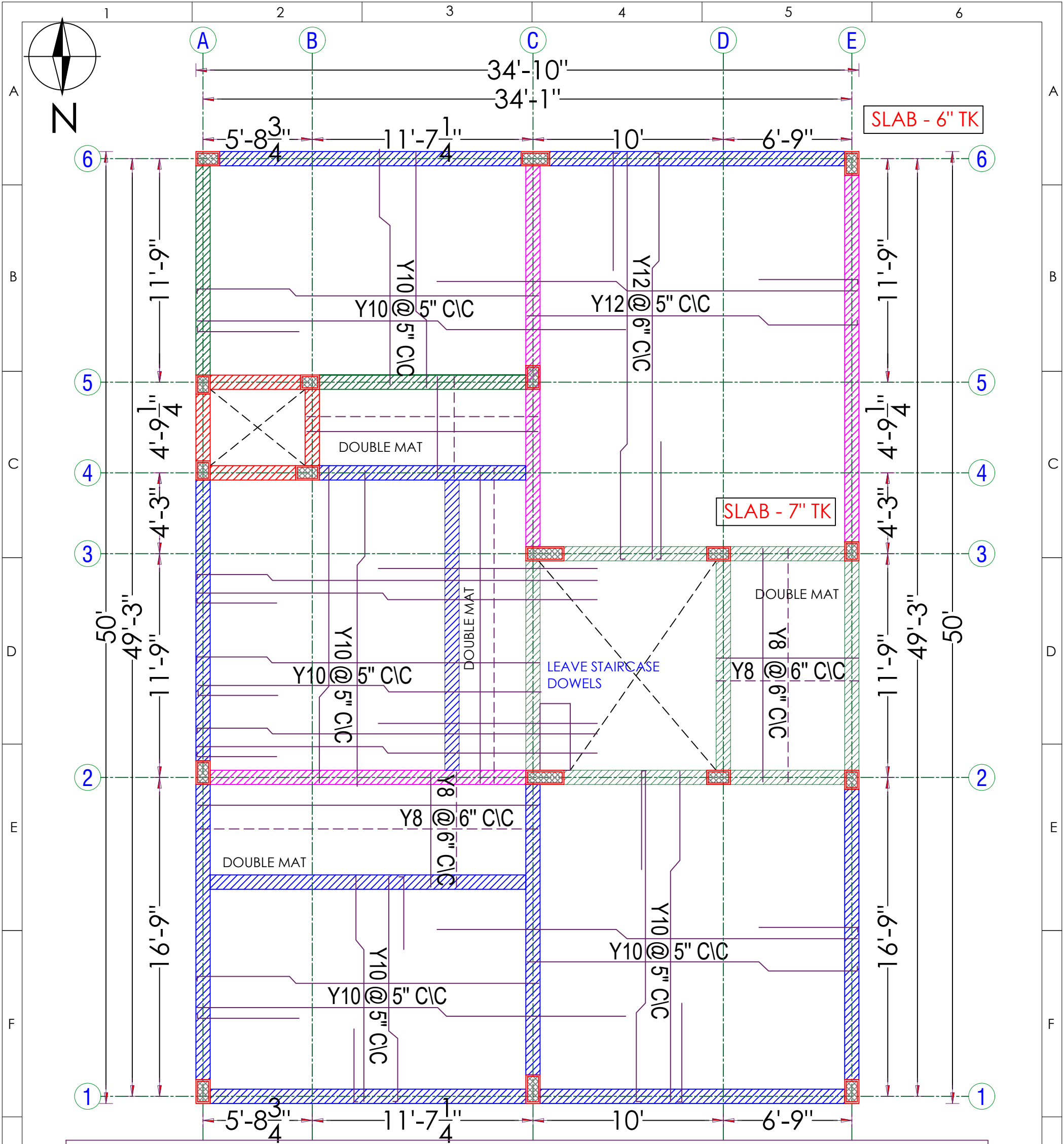




Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2A2B, 397/2A2A, 396/2A, 397/2B4A, 396/2B3D.(TYPE -23 TO 25 - 28 TO 32.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

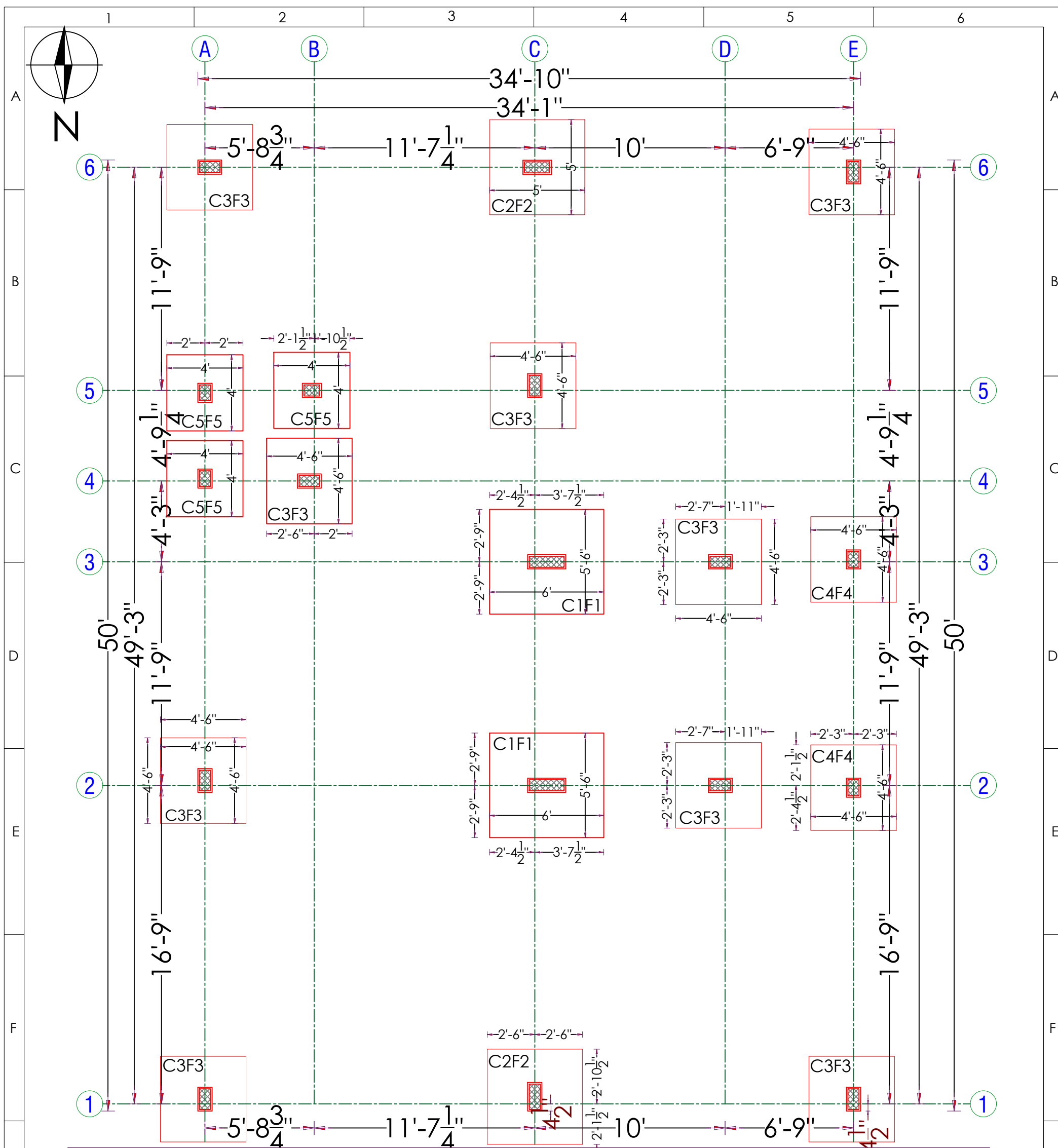
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2A2B, 397/2A2A, 396/2A, 397/2B4A, 396/2B3D.(TYPE -23 TO 25 - 28 TO 32.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |                                                                                                                                                             | DATE: 15-10-2024                                                                             |   | CHD: BALAJI.M                       |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                             | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 23 TO 25,28 TO 32/ Full Structural Layout And Details. |   |                                     |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                             | <b>TITLE: F.F ROOF SLAB LAYOUT</b>                                                           |   |                                     |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)</b>                                                              |                                                                                              |   |                                     |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>STRUCTURAL CONSULTANT:-</u><br>Er.BALAJI.M.E.,(struct), <div></div> |                                                                                              |   |                                     |   |  |   |  |
| 1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3                                                                                                                                                           |                                                                                              | 4 |                                     | 5 |  | 6 |  |



Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2A2B, 397/2A2A, 396/2A, 397/2B4A, 396/2B3D.(TYPE -23 TO 25 - 28 TO 32.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
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- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/M}^2$

- MUST TAKE CONCRETE (WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
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DRAWN AND DESIGN: BHARATHI.R

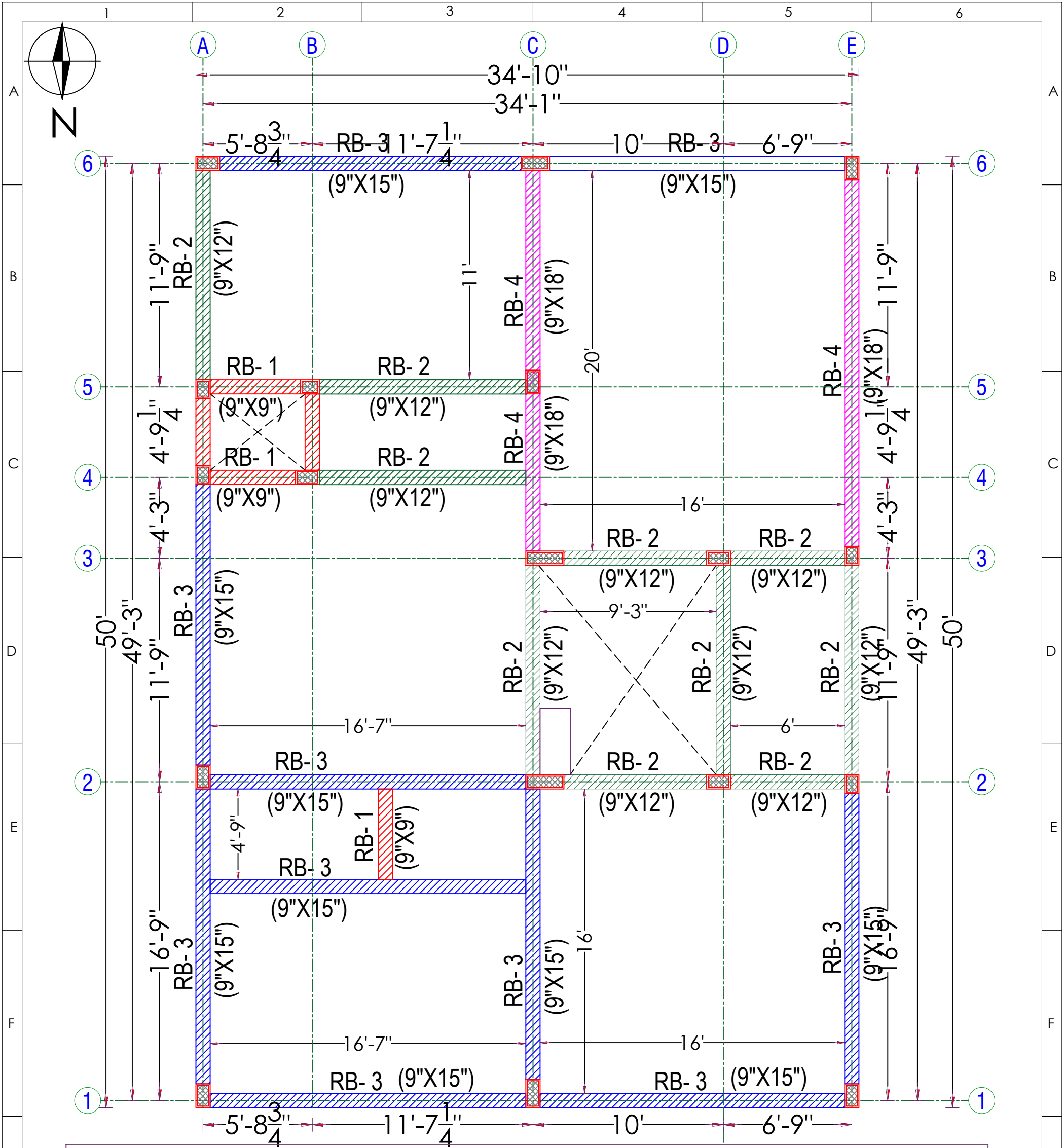
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| DATE: 15-10-2024                                                                             | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 23 TO 25,28 TO 32/ Full Structural Layout And Details. |               |

**TITLE: FOOTING LAYOUT & DETAILS.**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)**

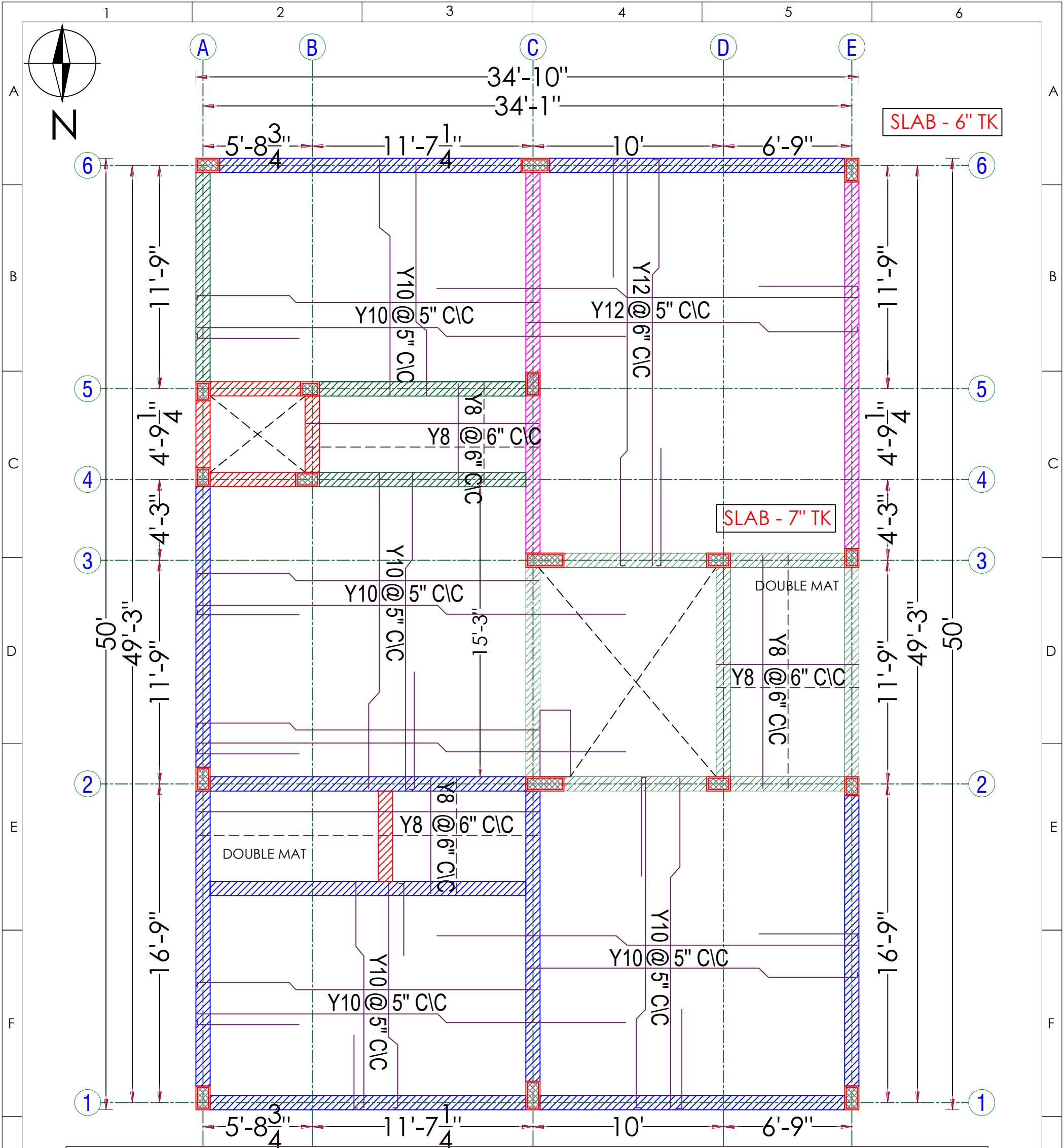
**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





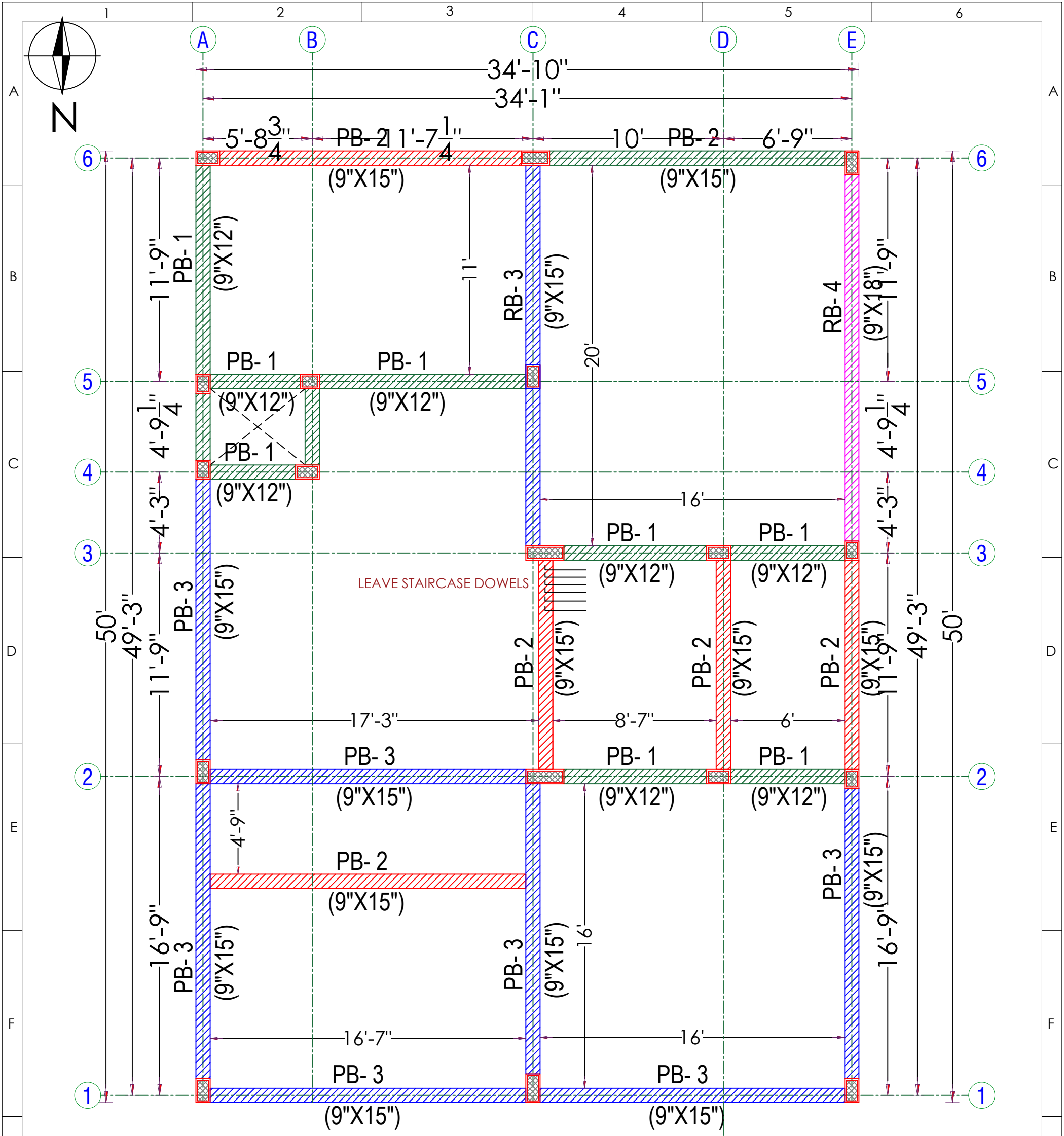
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2A2B, 397/2A2A, 396/2A, 397/2B4A, 396/2B3D.(TYPE -23 TO 25 - 28 TO 32.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 23 TO 25,28 TO 32/ Full Structural Layout And Details. |   |                                                                                                                                                             |   |                                     |  |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | <b>TITLE: G.F ROOF BEAM LAYOUT</b>                                                           |   |                                                                                                                                                             |   |                                     |  |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                              |   | <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)</b>                                                              |   |                                     |  | H |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                              |   | <u>STRUCTURAL CONSULTANT:-</u><br>Er.BALAJI.M.E.,(struct), <div></div> |   |                                     |  |   |
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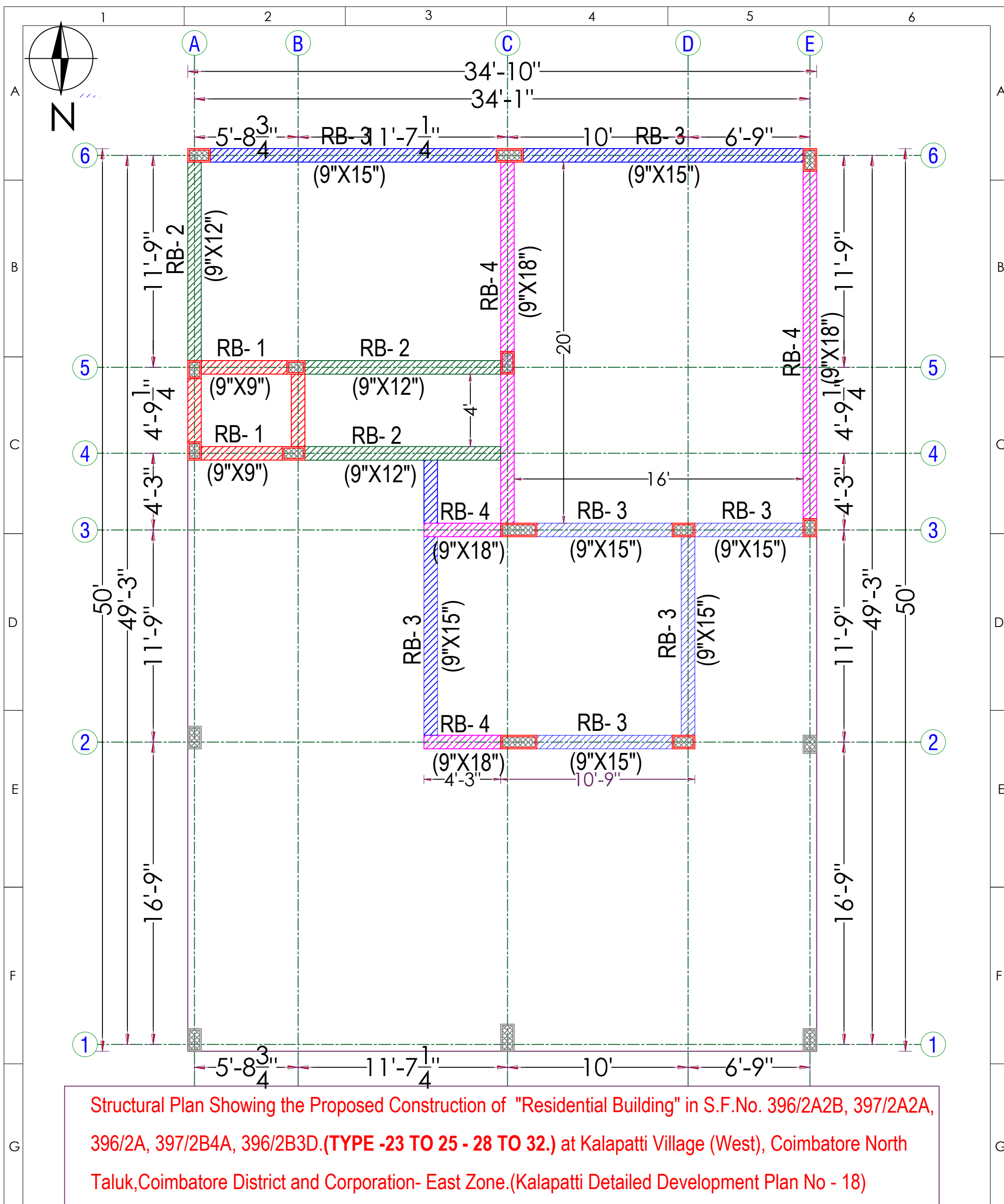
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |   |                                         |                                                                                                                                                             | DATE: 15-10-2024   CHD: BALAJI.M                                                               |   |  |   |  |
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                         |                                                                                                                                                             | <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)</b> |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                         | <b>STRUCTURAL CONSULTANT:-</b><br>Er.BALAJI.M.E.,(struct), <div></div> |                                                                                                |   |  |   |  |
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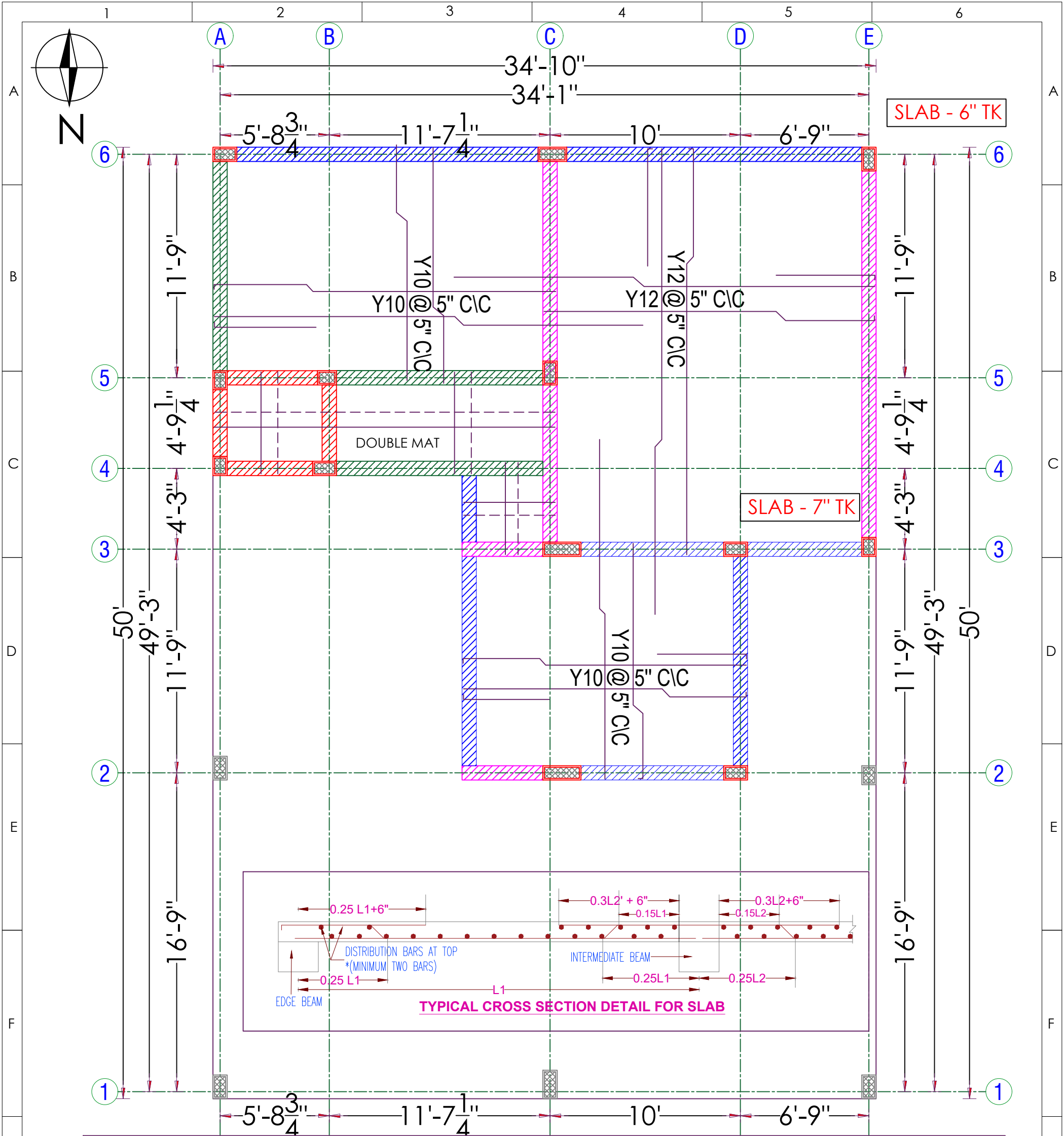


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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)                                                                 |                                                                                              |   |  |   |  |
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| <p><u>REFERENCE:-</u></p> <ul style="list-style-type: none"> <li>ALL DIMENSIONS ARE IN FEET.</li> <li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li> <li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li> <li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li> <li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li> <li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li> <li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li> <li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li> </ul> |  | <p><b>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></b></p> <ul style="list-style-type: none"> <li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li> <li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li> <li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li> <li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li> <li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li> <li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li> <li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li> </ul> | <p><b>LIVE LOAD :- 2 kN/M<sup>2</sup></b></p> | <p><b>DRAWN AND DESIGN: BHARATHI.R</b></p>                                                            |                             |
| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <p><b>DATE: 15-10-2024</b></p>                                                                        | <p><b>CHD: BALAJI.M</b></p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <p>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 23 TO 25,28 TO 32/ Full Structural Layout And Details.</p>   |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <p><b>TITLE: F.F ROOF BEAM LAYOUT</b></p>                                                             |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <p><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)</b></p> | H                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <p><u>STRUCTURAL CONSULTANT:-</u></p>                                                                 |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <p><b>Er.BALAJI.M.E.,(struct),</b></p>                                                                |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                  |                             |
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2A2B, 397/2A2A, 396/2A, 397/2B4A, 396/2B3D.(TYPE -23 TO 25 - 28 TO 32.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                |   |   |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---|---|
| H | <div>REFERENCE:-</div> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></div> <div>LIVE LOAD :- 2 kN/M<sup>2</sup></div> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | DRAWN AND DESIGN: BHARATHI.R                                                                                                   |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DATE: 15-10-2024 CHD: BALAJI.M<br>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 23 TO 25,28 TO 32/ Full Structural Layout And Details. |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TITLE: F.F ROOF BEAM LAYOUT                                                                                                    |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -23TO 25,28 TO32)                                        |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct), <div></div>                                                                |   |   |
| 1 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                                                                                                                              | 5 | 6 |

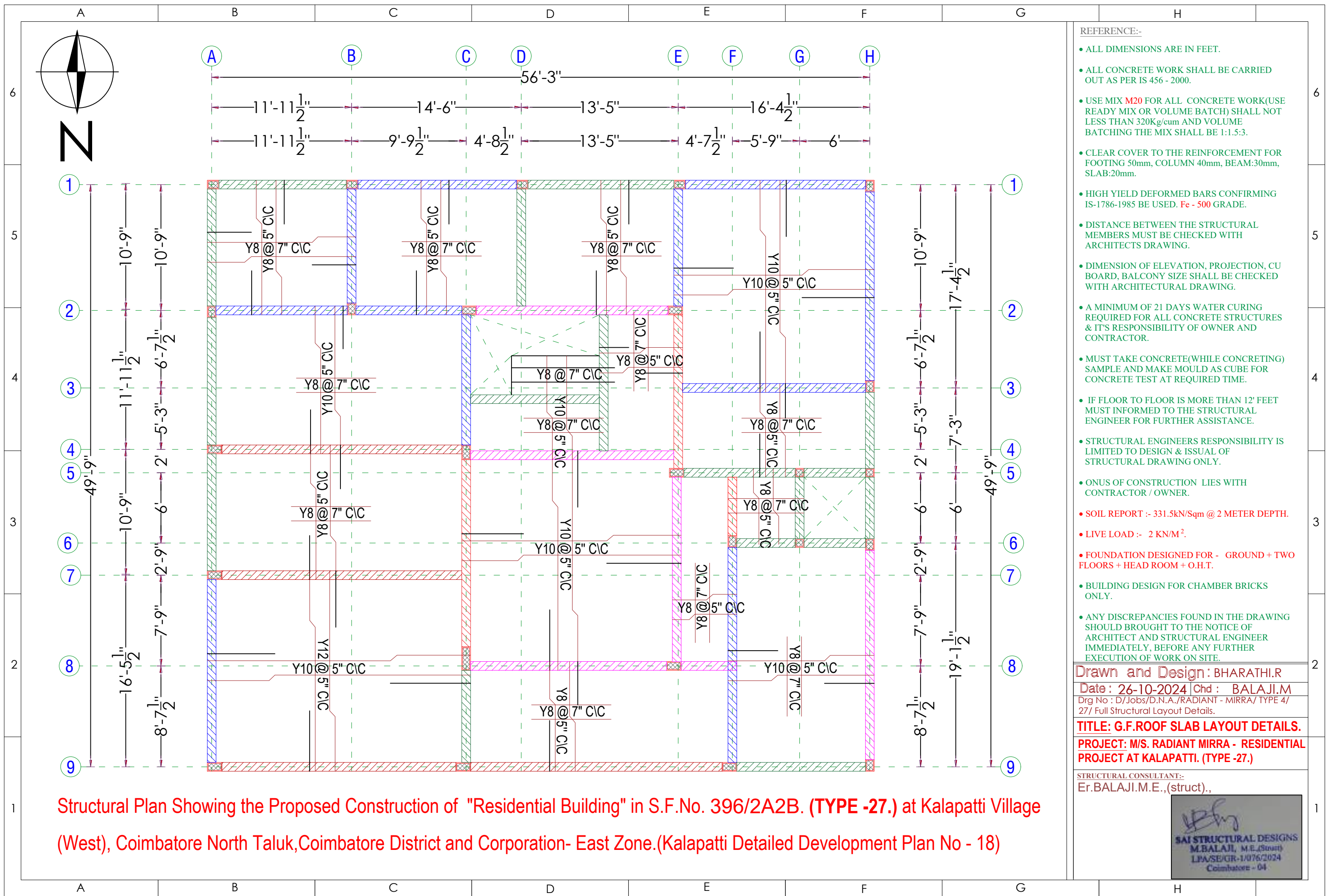












- REFERENCE:-
- ALL DIMENSIONS ARE IN FEET.
  - ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
  - USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1:1.5:3.
  - CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
  - HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
  - DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
  - DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
  - A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
  - MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
  - IF FLOOR TO FLOOR IS MORE THAN 12' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
  - STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
  - ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
  - SOIL REPORT :- 331.5kN/Sqm @ 2 METER DEPTH.
  - LIVE LOAD :- 2 KN/M<sup>2</sup>.
  - FOUNDATION DESIGNED FOR - GROUND + TWO FLOORS + HEAD ROOM + O.H.T.
  - BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
  - ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design: BHARATHI.R  
Date: 26-10-2024 | Chd: BALAJI.M  
Drg No: D/Job/D.N.A./RADIANT - MIRRA/ TYPE 4/ 27/ Full Structural Layout Details.  
**TITLE: G.F.ROOF SLAB LAYOUT DETAILS.**  
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -27.)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,  
  
SAI STRUCTURAL DESIGNS  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-10/06/2024  
Coimbatore - 04

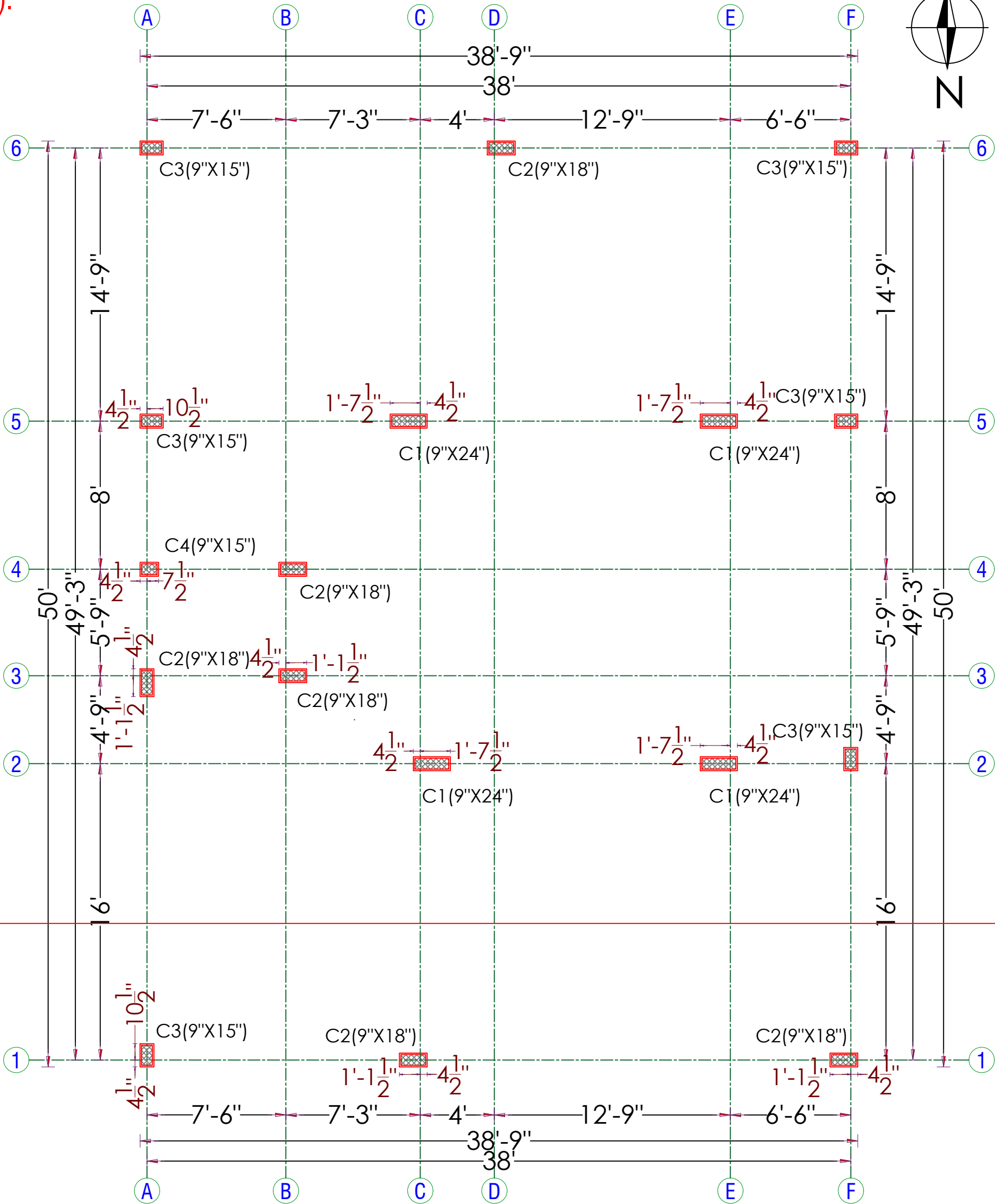
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2A2B. (TYPE -27.) at Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)







Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
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- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

DRAWN AND DESIGN: BHARATHI.R

DATE: 16-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 33,34 AND 36 / Full Structural Layout And Details.

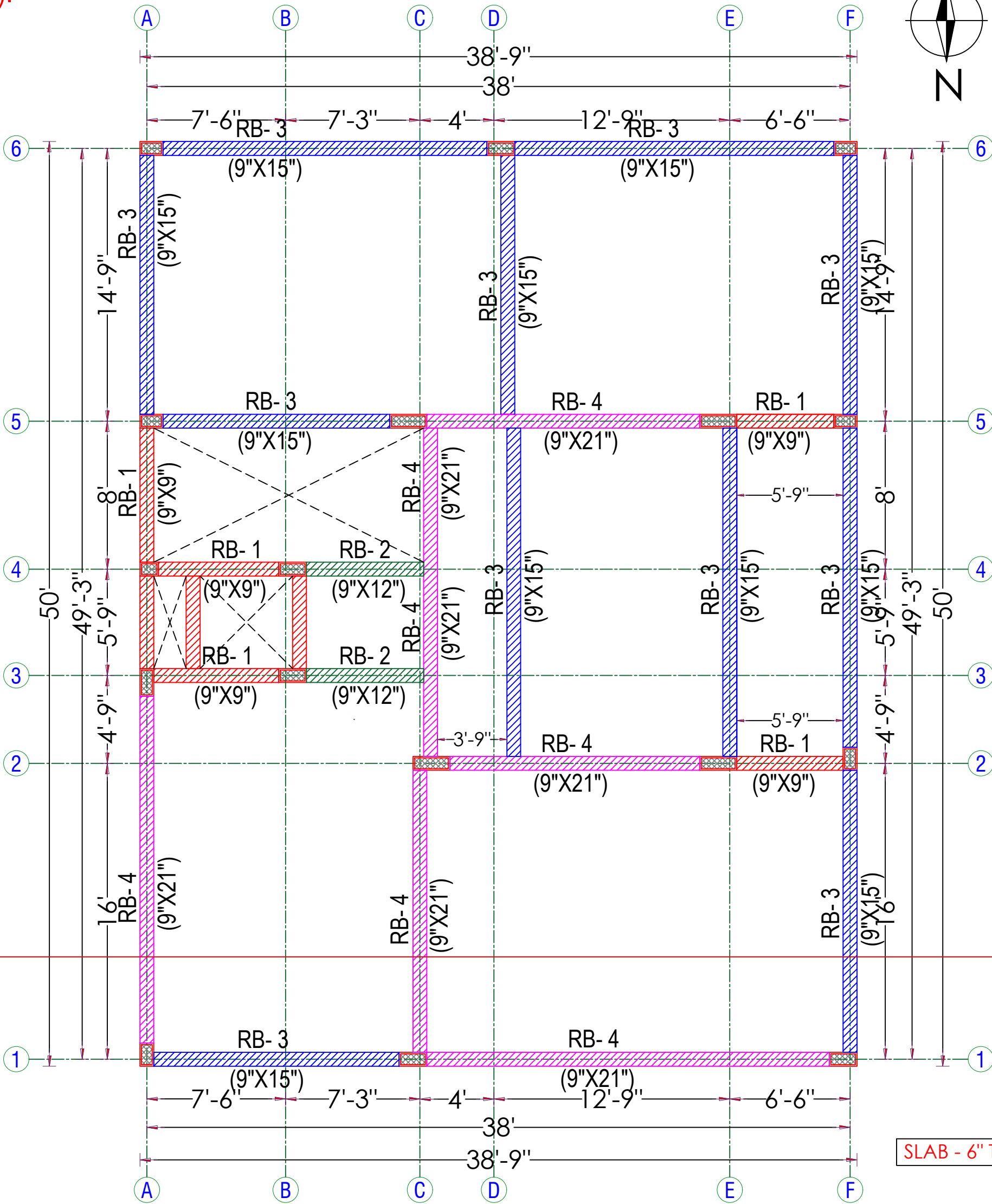
**TITLE: COLUMN AXIS LAYOUT & DETAILS.**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -33,34 AND 36 )**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,

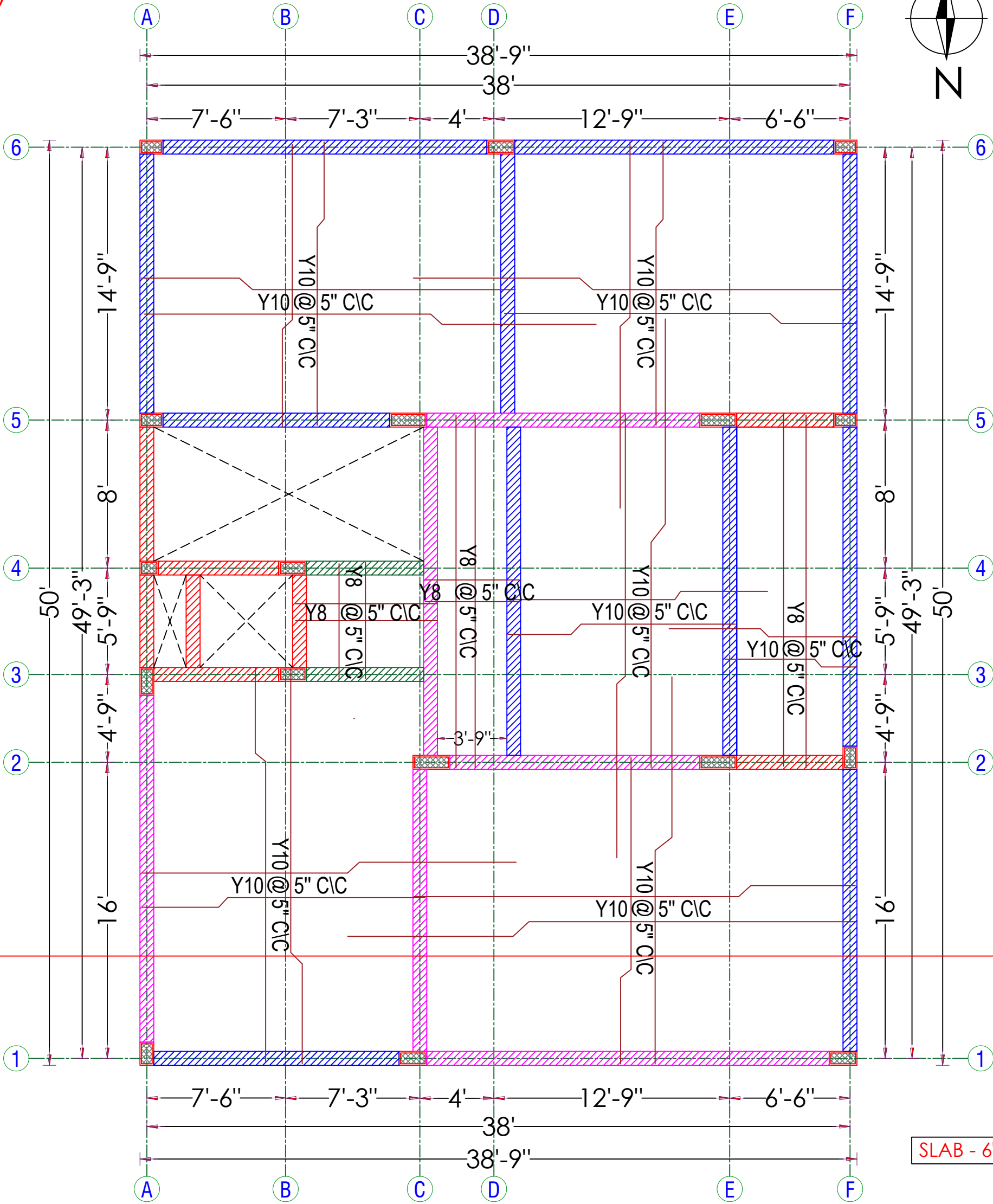


Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



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- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
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DRAWN AND DESIGN: BHARATHI.R

DATE: 16-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 33,34 AND 36 / Full Structural Layout And Details.

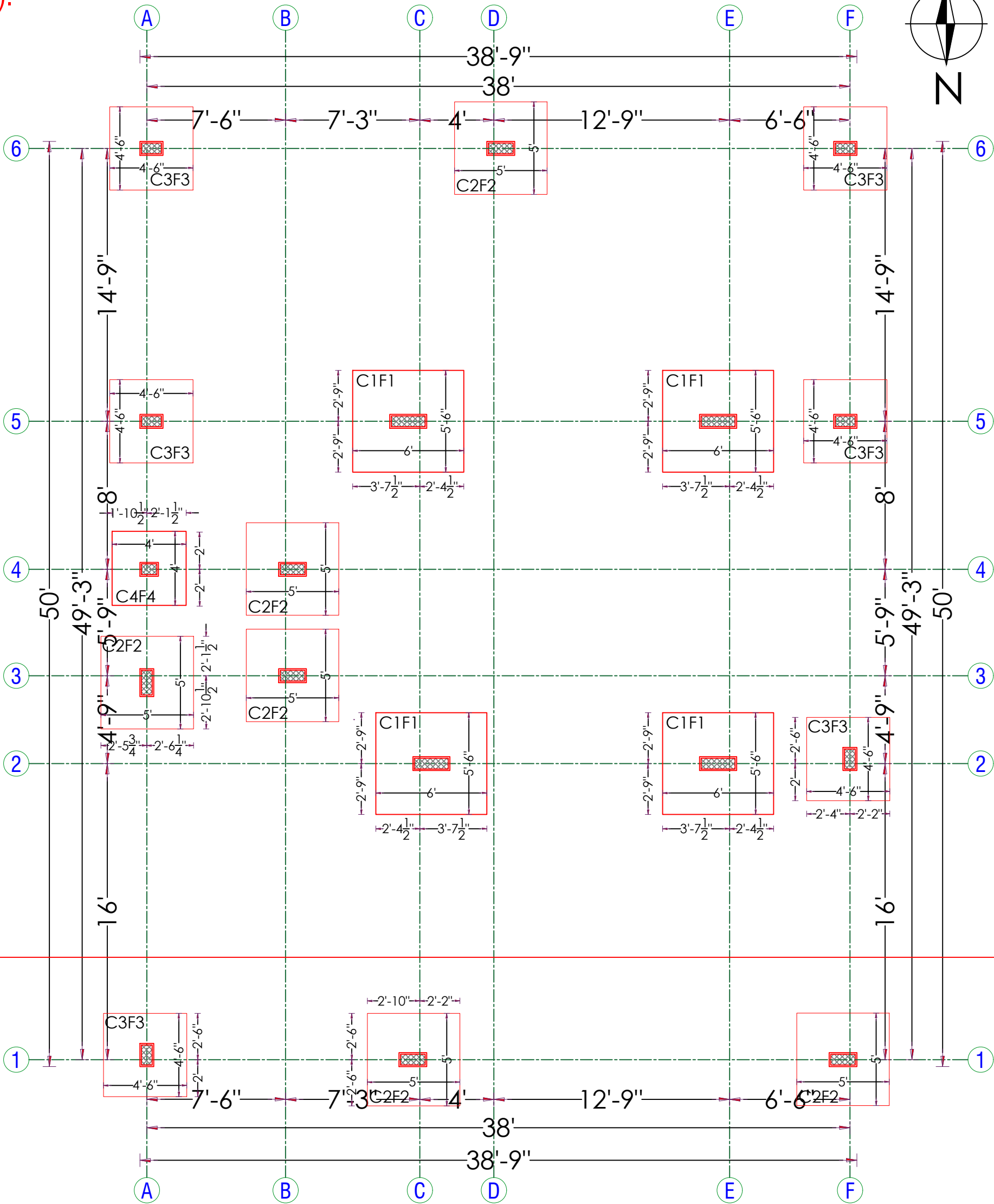
TITLE: F.FLOOR ROOF SLAB LAYOUT

PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -33,34 AND 36 )

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,

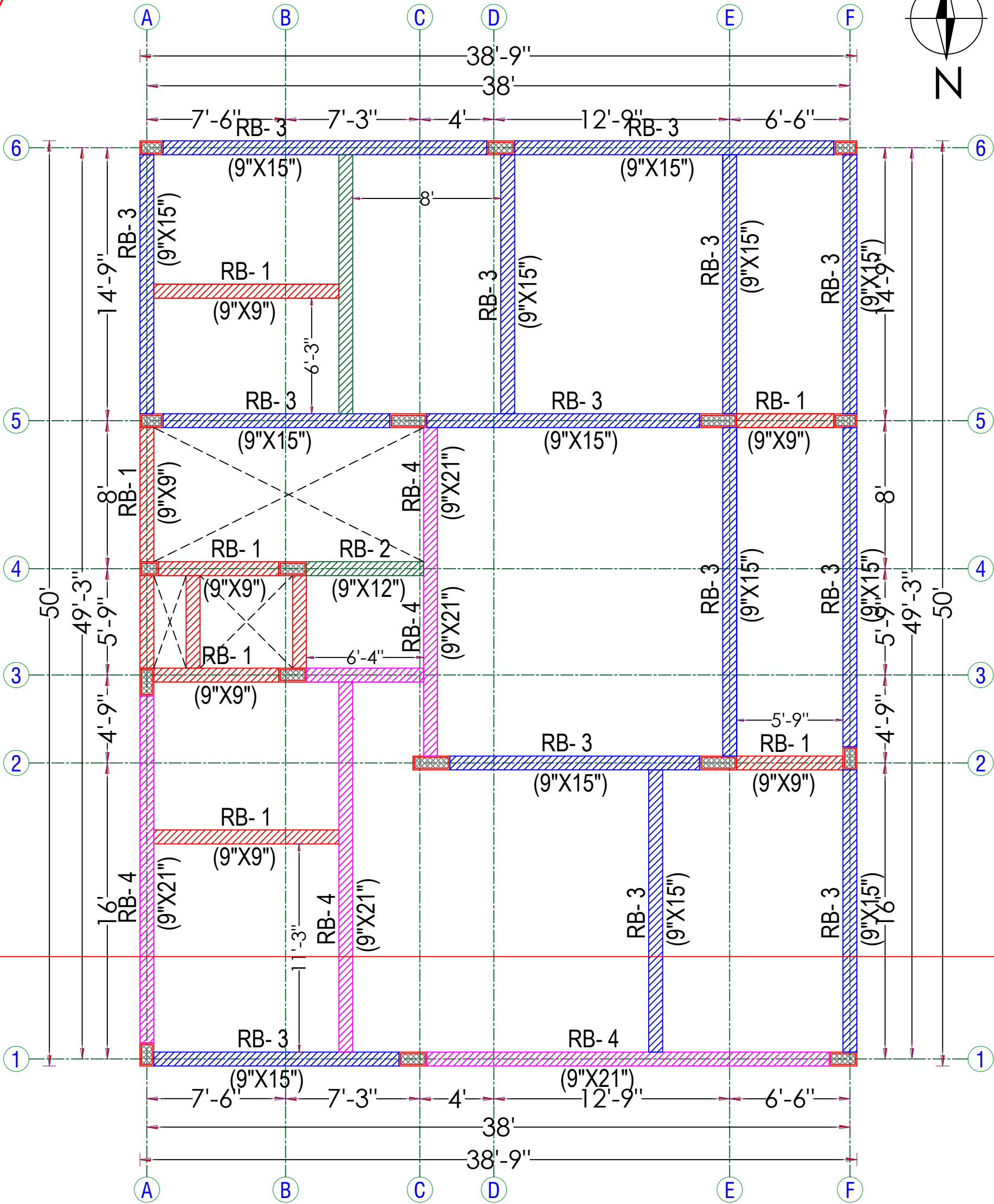


Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



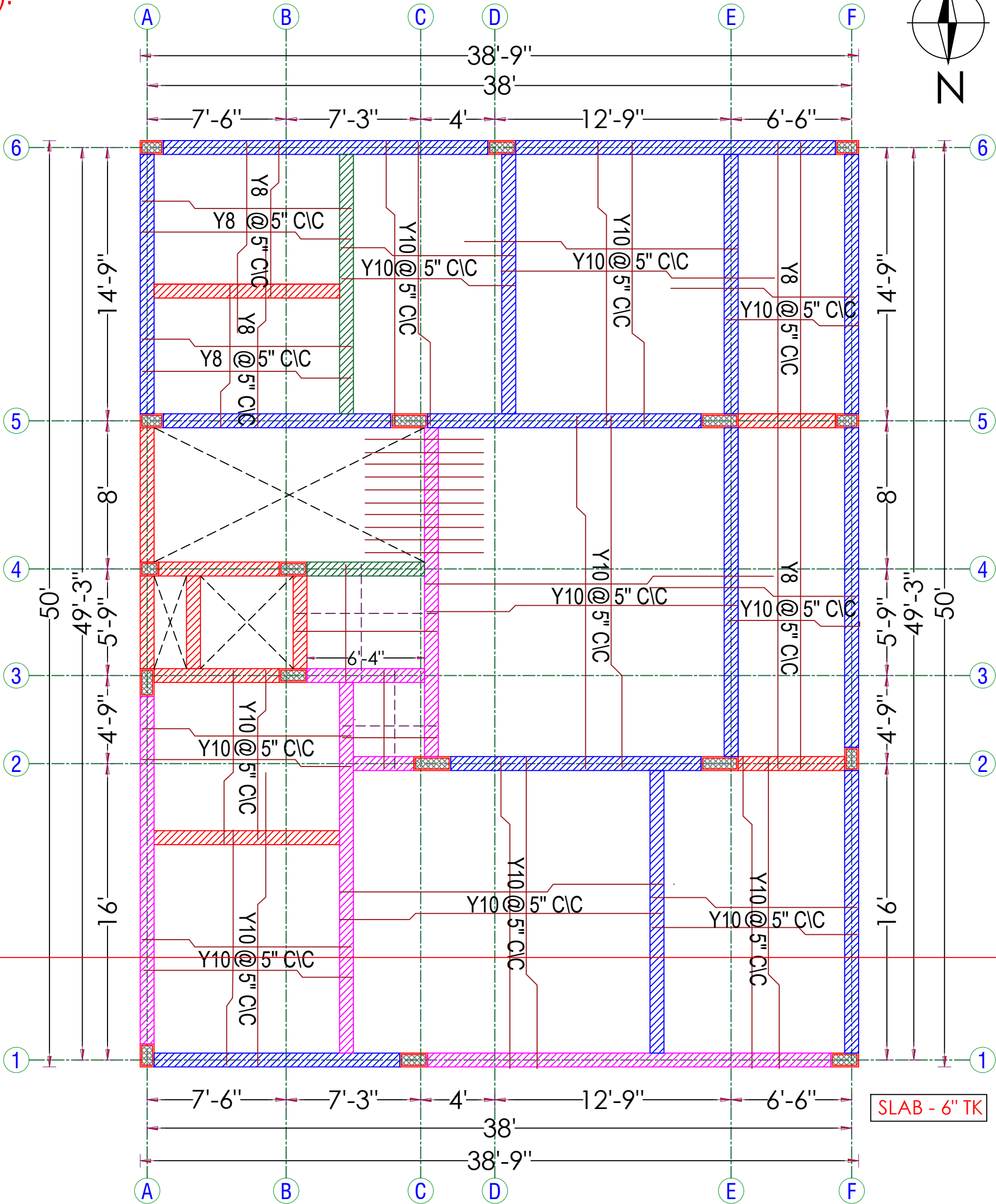
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| <div>REFERENCE:-</div> <div>ALL DIMENSIONS ARE IN FEET.</div> <div>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</div> <div>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</div> <div>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</div> <div>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</div> <div>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</div> <div>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</div> <div>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</div> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup></div> <div><ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul></div> | <div>DRAWN AND DESIGN: BHARATHI.R</div> <div><div>DATE: 16-10-2024</div><div>CHD: BALAJI.M</div></div> <div>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 33,34 AND 36 / Full Structural Layout And Details.</div> <div>TITLE: FOOTING LAYOUT &amp; DETAILS.</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -33,34 AND 36 )</div> <div><div>STRUCTURAL CONSULTANT:-</div><div>Er.BALAJI.M.E.,(struct).,</div></div> <div><div></div></div> |
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



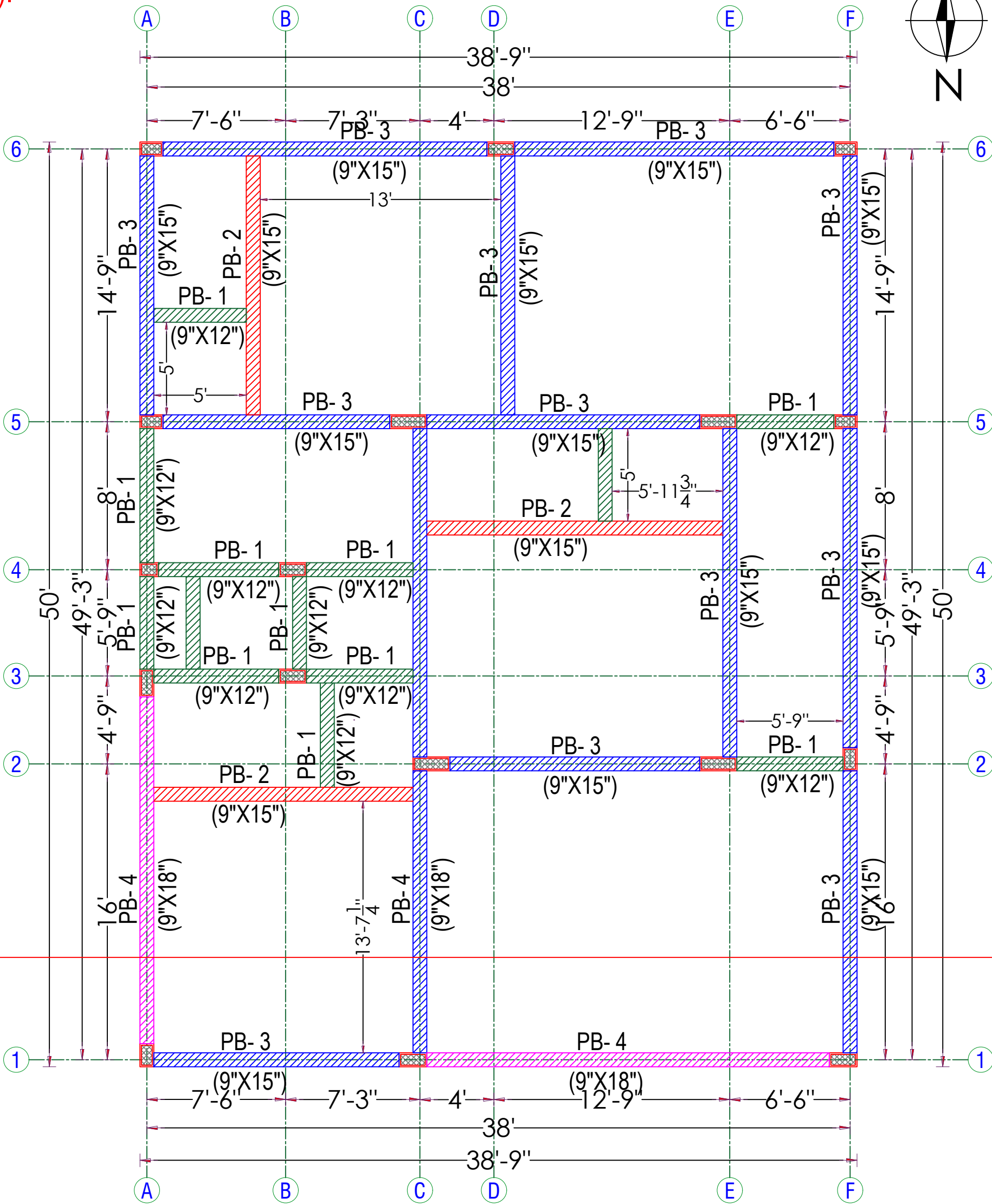
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



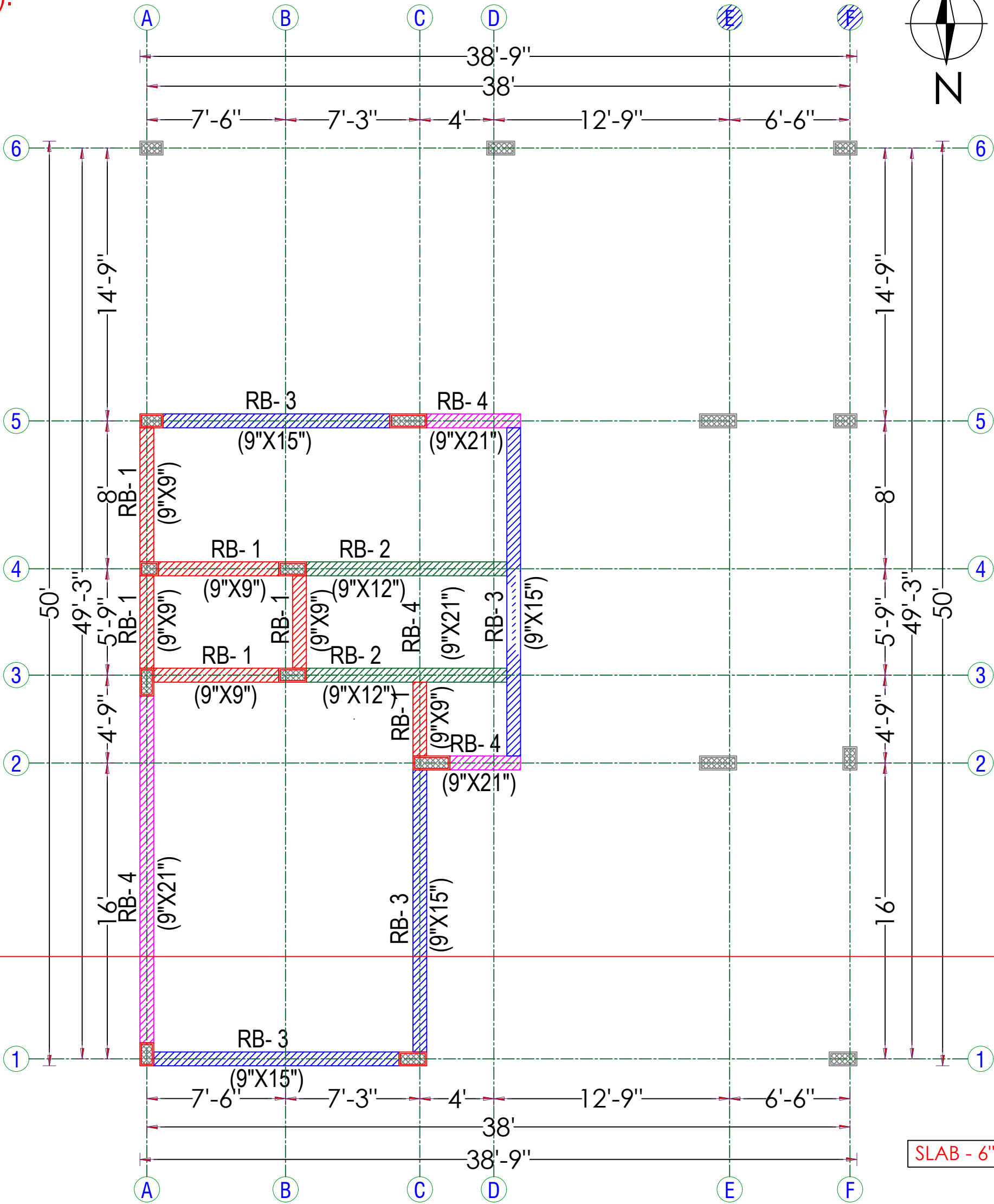
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
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- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

DRAWN AND DESIGN: BHARATHI.R

DATE: 16-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 33,34 AND 36 / Full Structural Layout And Details.

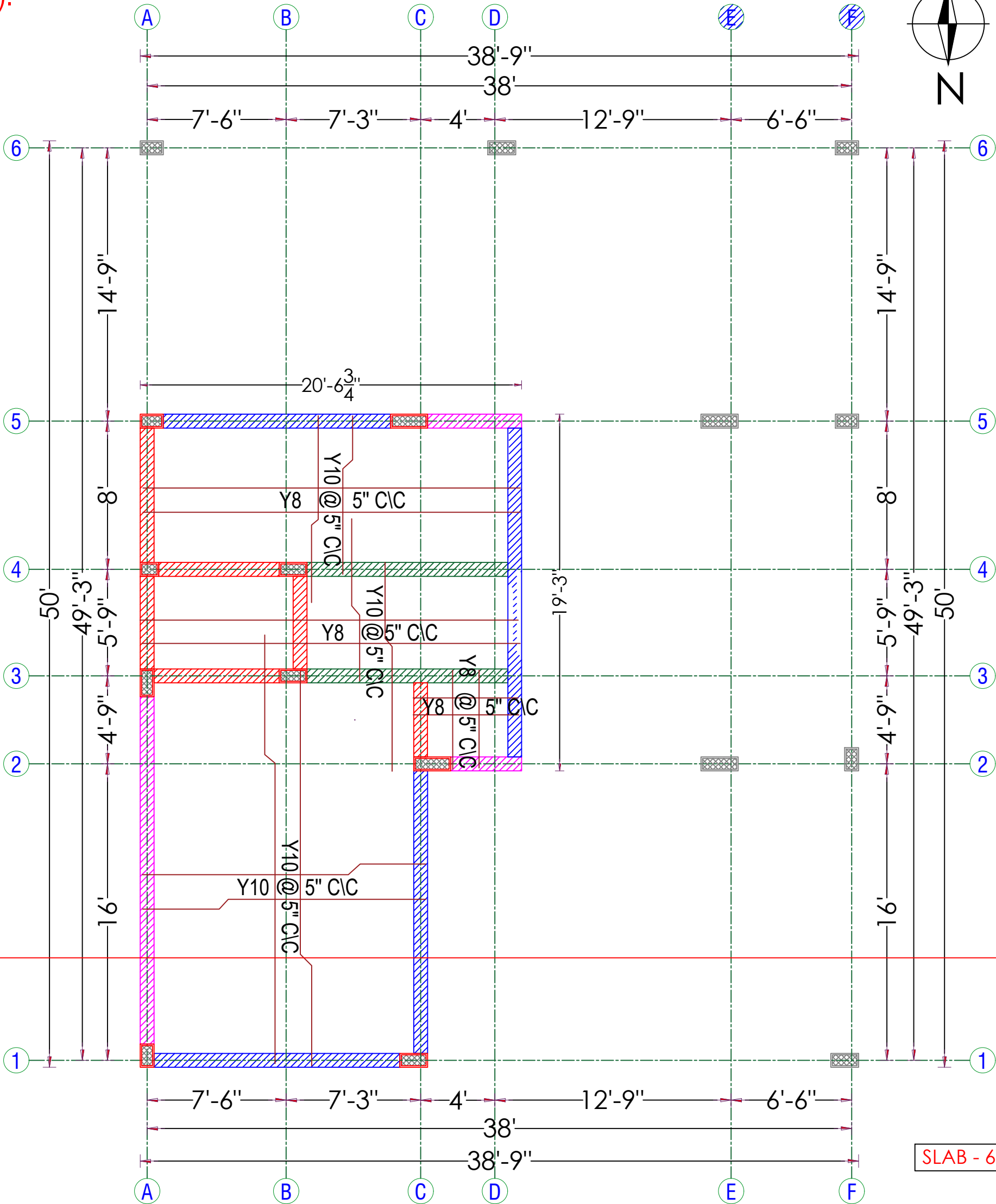
**TITLE: S.FLOOR ROOF BEAM LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -33,34 AND 36 )**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,



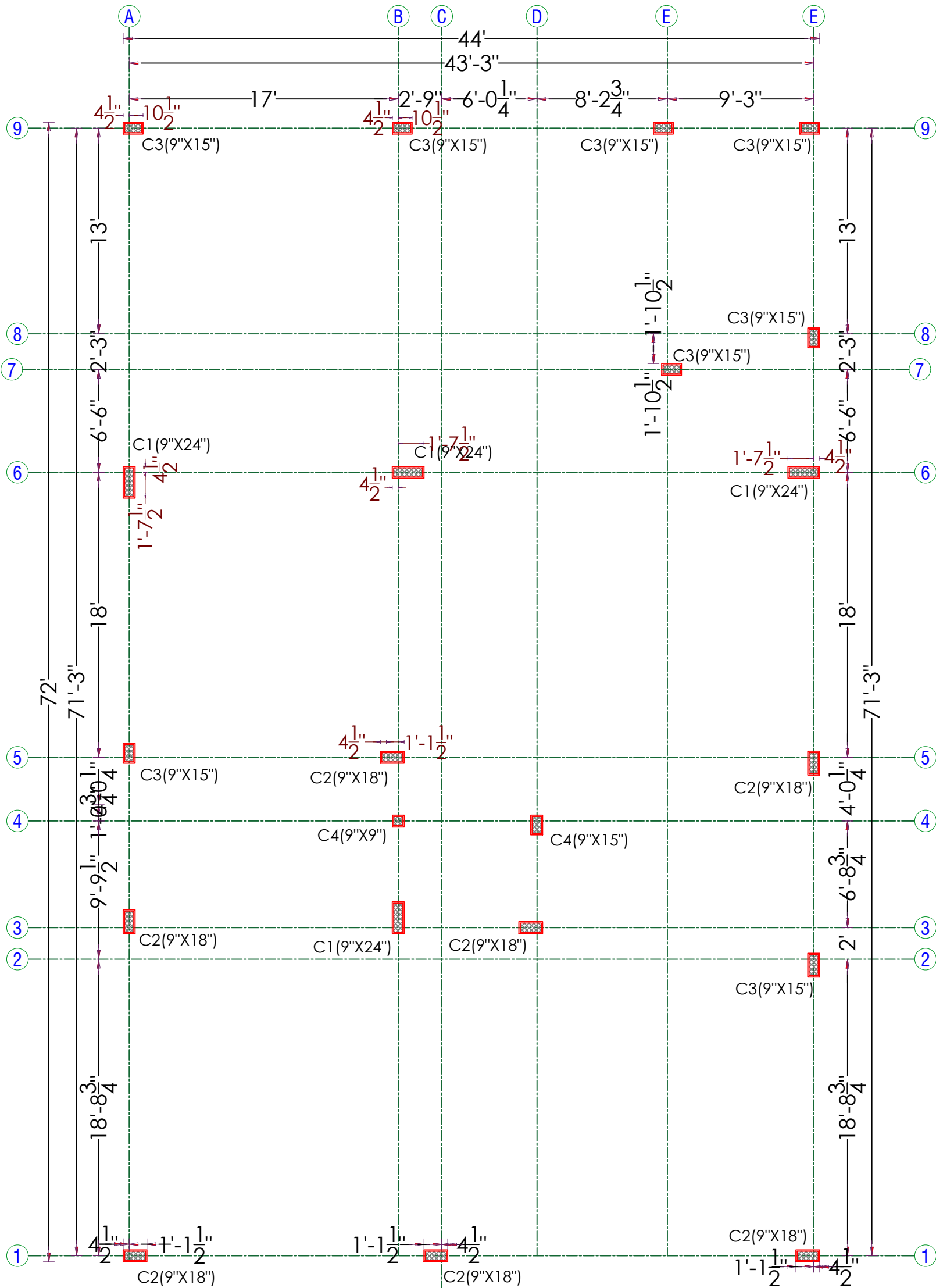
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3A, 397/2A1. (TYPE -33, 34 & 36.) at Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18).



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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |  | DATE:    16-10-2024      CHD:    BALAJI.M<br>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 33,34 AND 36 / Full Structural Layout And Details.                            |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>TITLE: S.FLOOR ROOF SLAB LAYOUT</b>                                                                                                                           |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -33,34 AND 36 )</b><br><br>STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,<br><br> |  |



Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

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DRAWN AND DESIGN: BHARATHI.R

DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

**TITLE: COLUMN AXIS LAYOUT & DETAILS.**

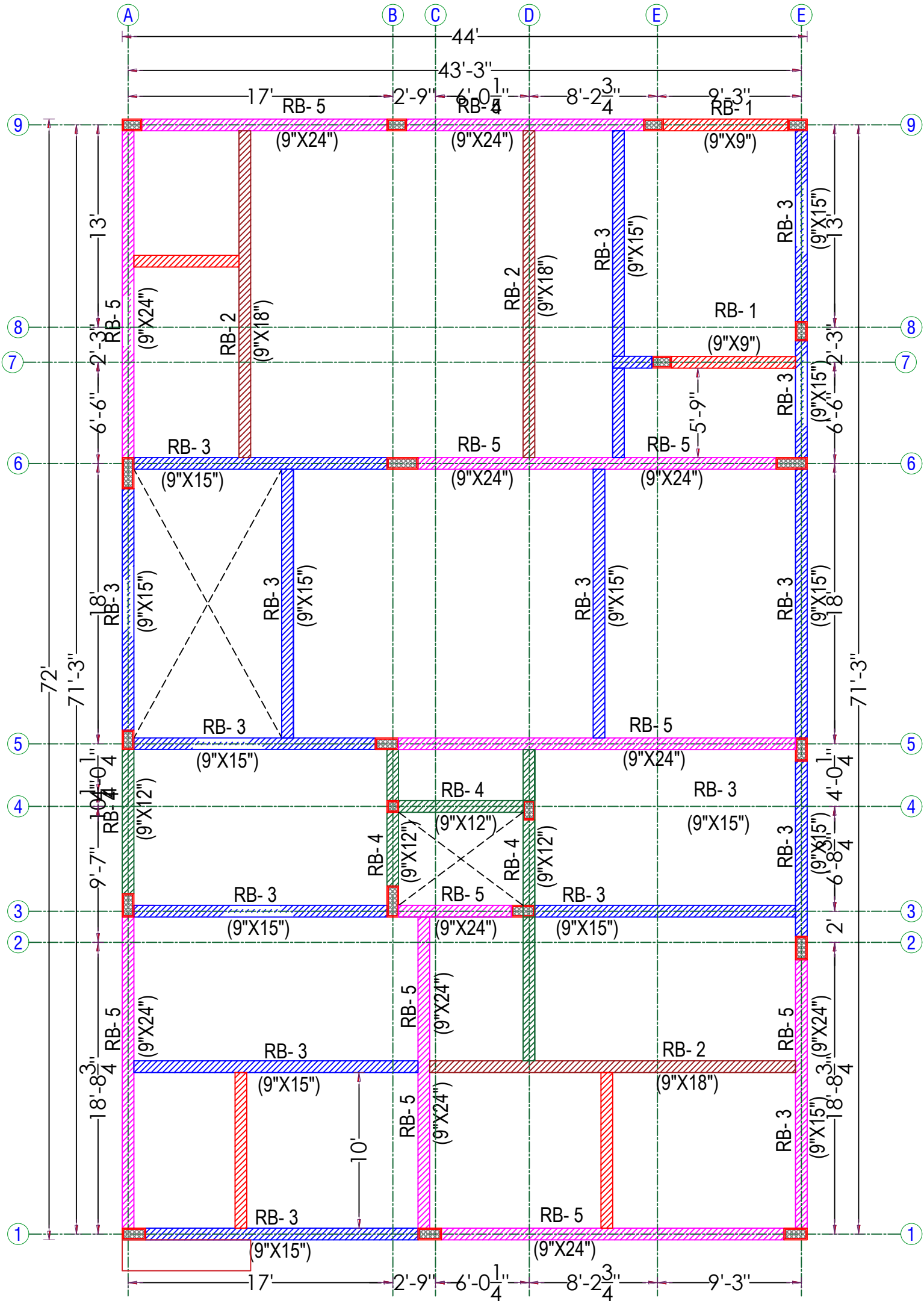
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

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DRAWN AND DESIGN: BHARATHI.R

DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

TITLE: F.FLOOR ROOF BEAM LAYOUT

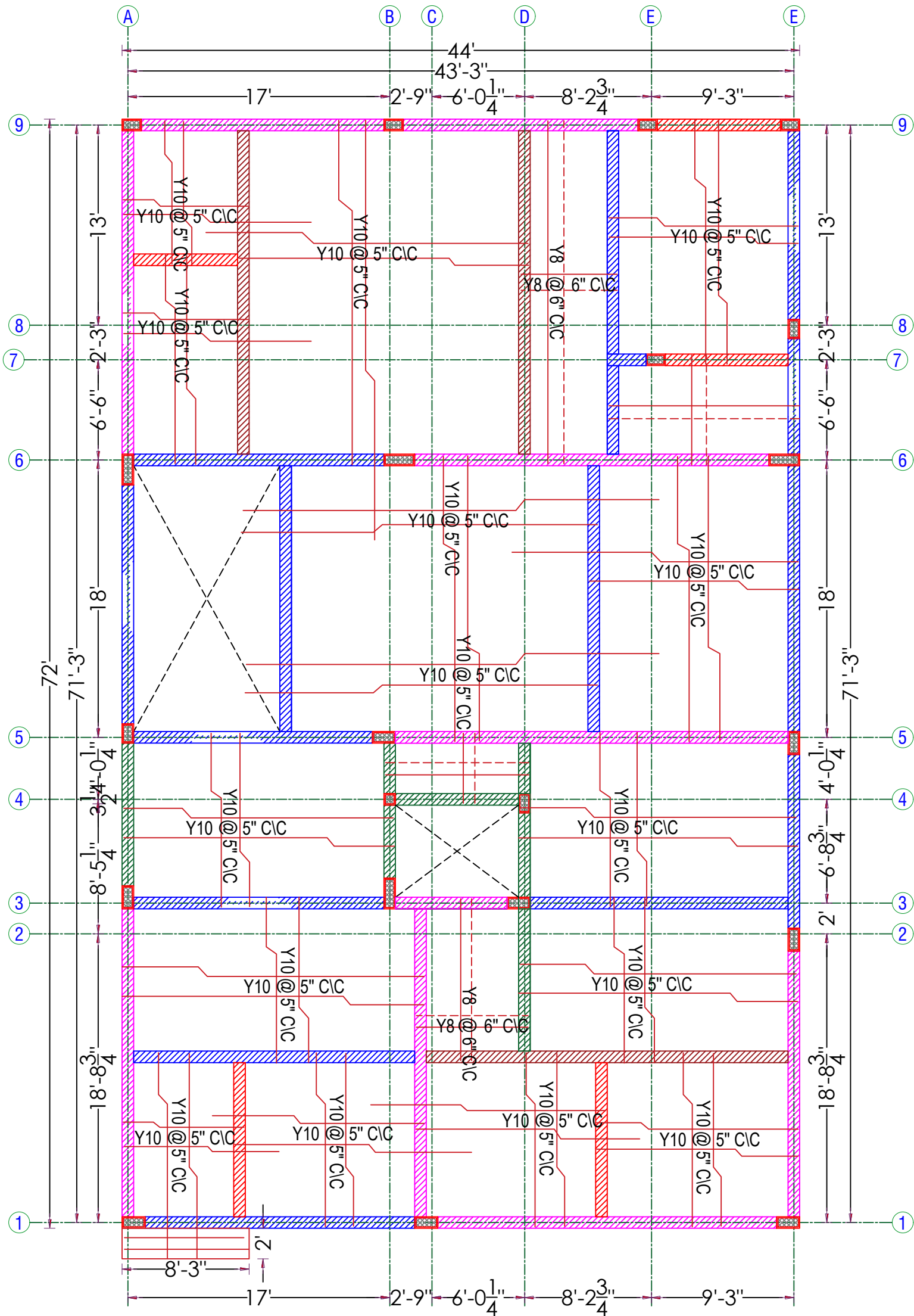
PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

DRAWN AND DESIGN: BHARATHI.R

DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

**TITLE: F.FLOOR ROOF SLAB LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)**

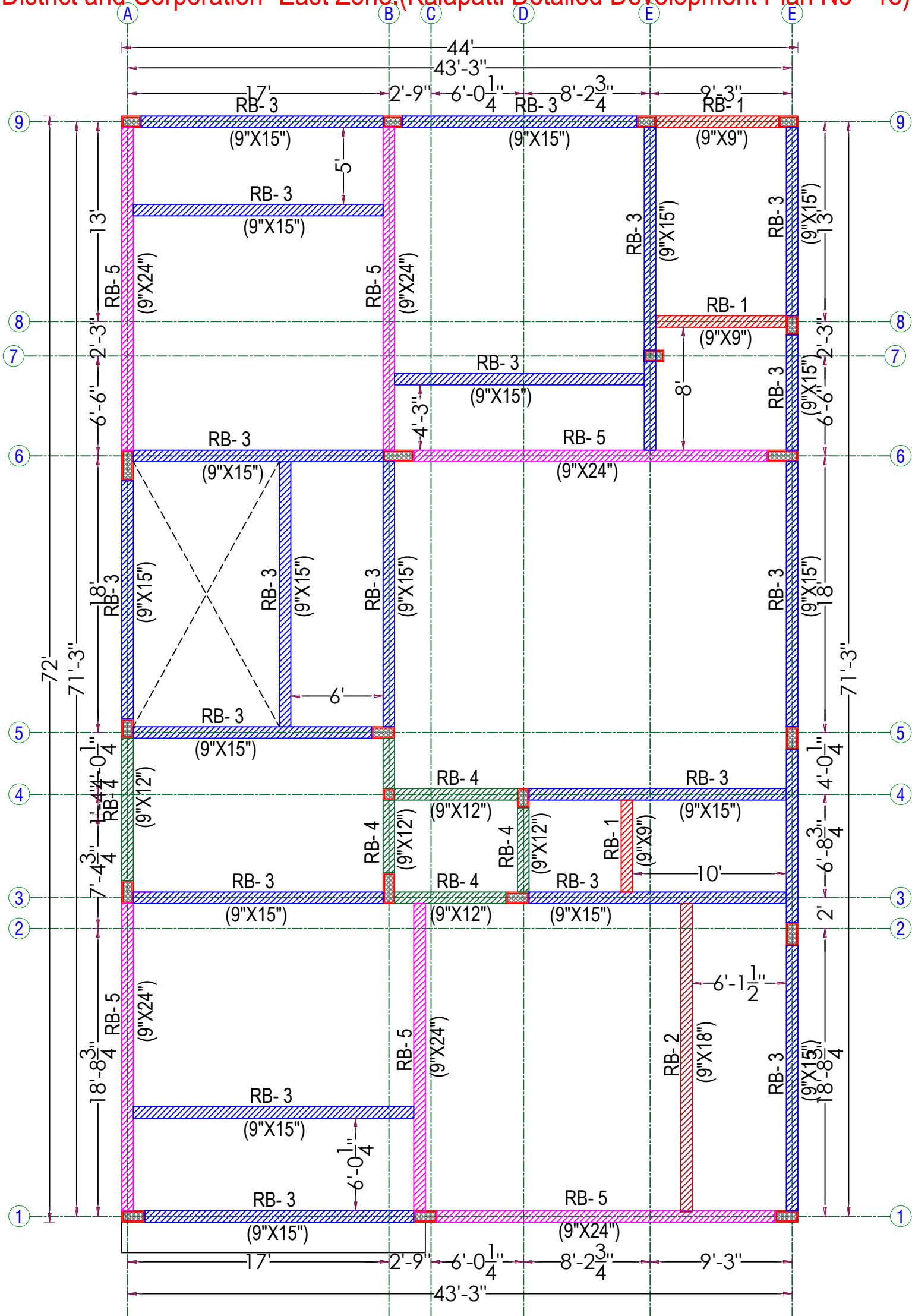
STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,







Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)



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DRAWN AND DESIGN: BHARATHI.R

DATE: 18-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

TITLE: G.FLOOR ROOF BEAM LAYOUT

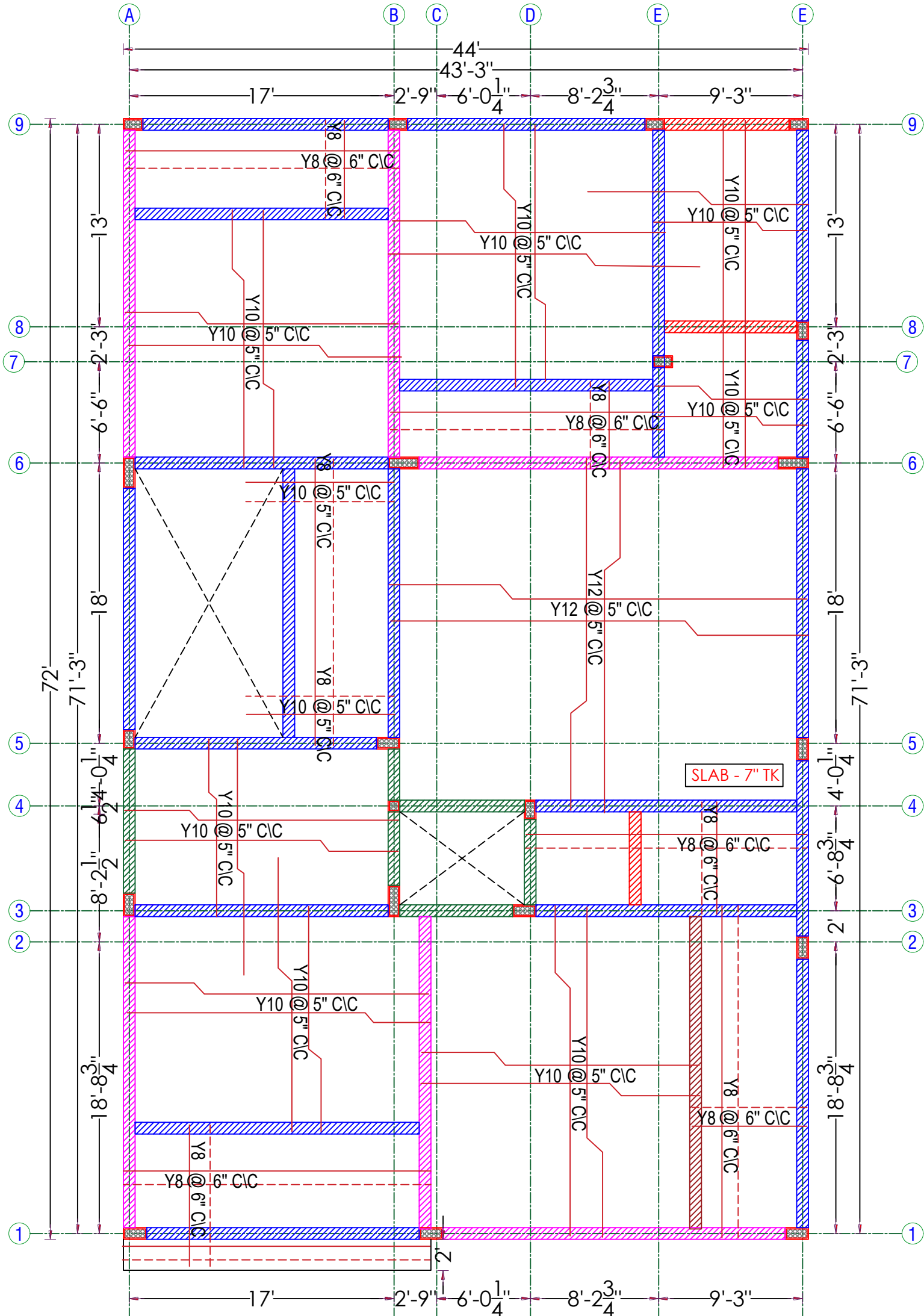
PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



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DRAWN AND DESIGN: BHARATHI.R

DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

TITLE: G.FLOOR ROOF SLAB LAYOUT

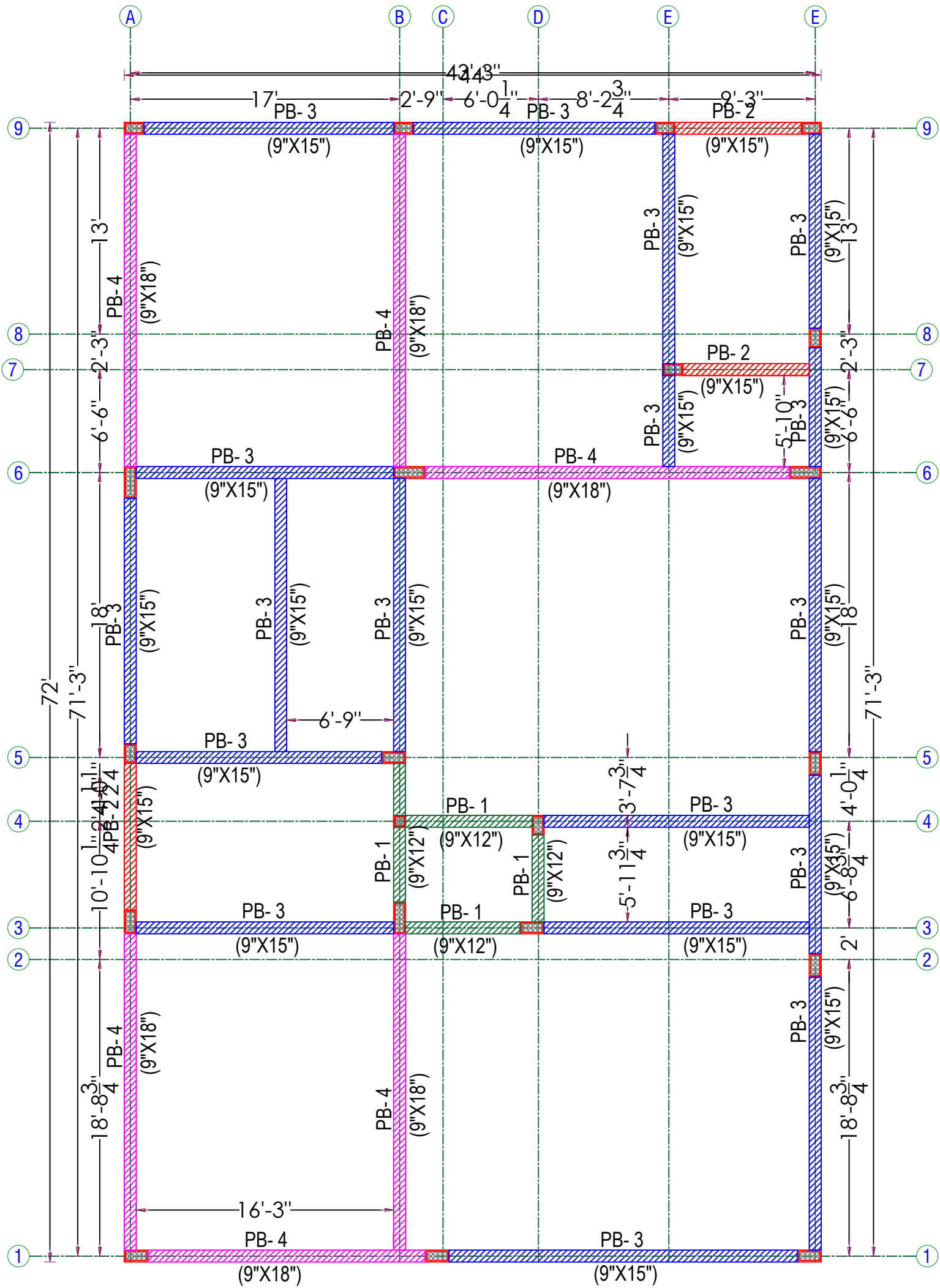
PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



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DRAWN AND DESIGN: BHARATHI.R

DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

**TITLE: PLINTH BEAM LAYOUT & DETAILS.**

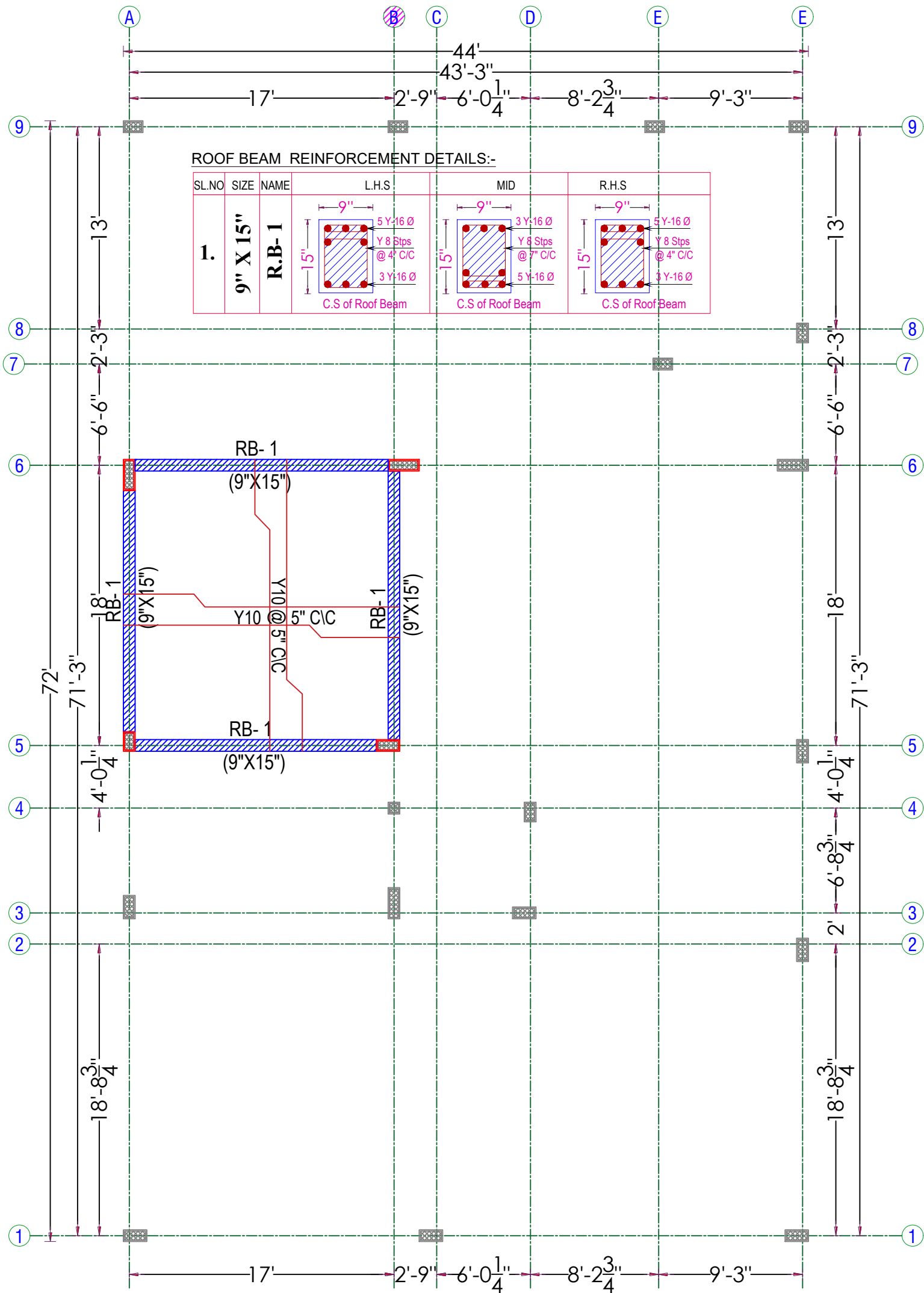
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 397/2A3B. (TYPE -37.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



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DRAWN AND DESIGN: BHARATHI.R

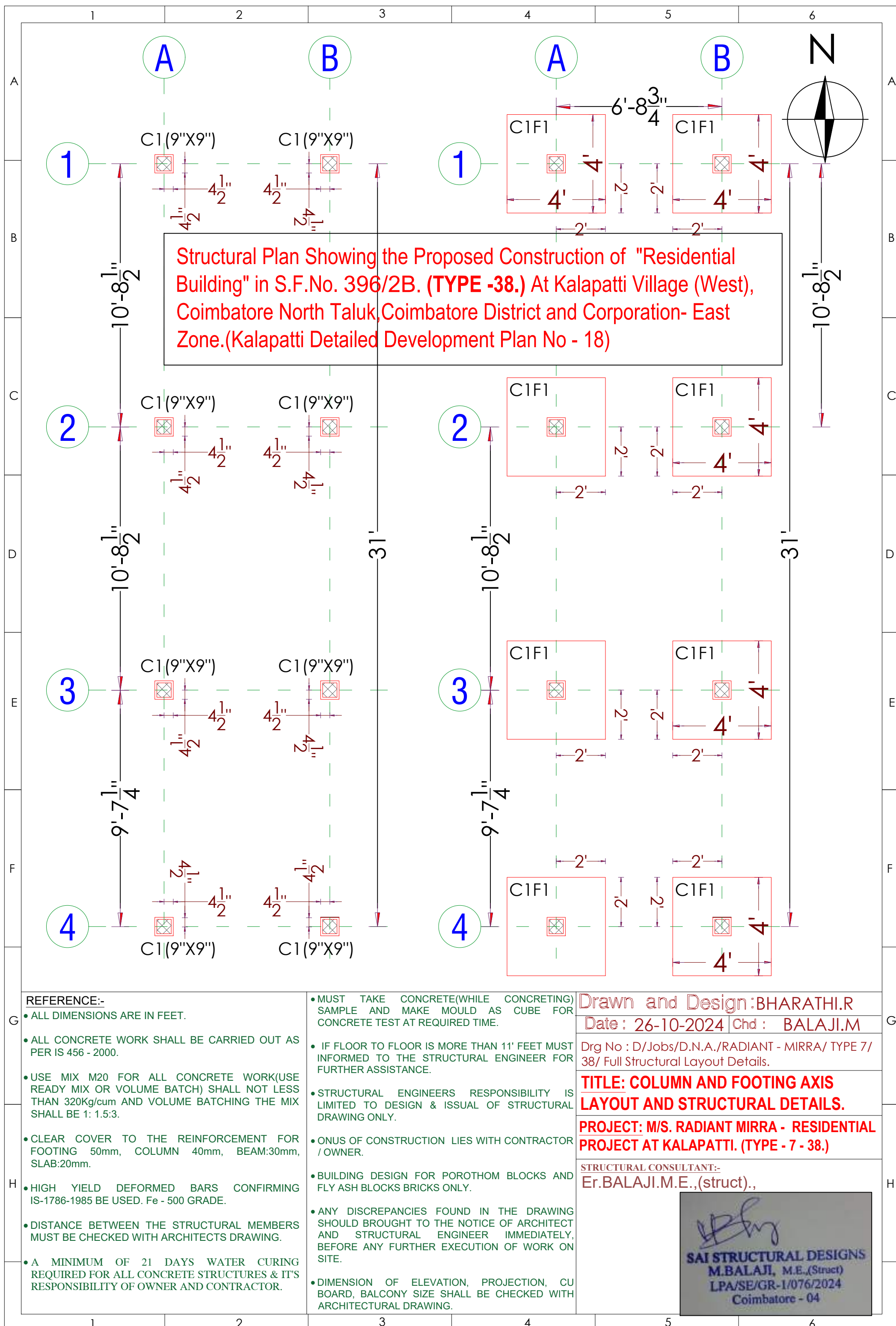
DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 37/ Full  
Structural Layout And Details.

**TITLE: T.FLOOR ROOF BEAM & SLAB LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -37)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





|                                                                                                                                                                                                                                                             |  |           |             |                                                                                 |  |  |                                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|-------------|---------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2B. (TYPE -38.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18) |  |           |             |                                                                                 |  |  |                                                                   |  |  | REFERENCE:- <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M25 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 350Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1:1:2.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 12' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>SOIL REPORT :- 331.50kN/Sqm @ 2METER DEPTH.</li><li>LIVE LOAD :- 2 KN/M<sup>2</sup>.</li><li>FOUNDATION DESIGNED FOR - GROUND FLOOR ONLY.</li><li>BUILDING DESIGN FOR CHAMBER BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |  |  |  |  |  |  |  |  |  |
| COLUMN AND FOOTING REINFORCEMENT SCHEDULE:-                                                                                                                                                                                                                 |  |           |             |                                                                                 |  |  |                                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
| COLUMN SCHEDULE                                                                                                                                                                                                                                             |  |           |             |                                                                                 |  |  |                                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
| SL.NO                                                                                                                                                                                                                                                       |  | TYPE      | COLUMN SIZE | COLUMN REINFORCEMENT                                                            |  |  | COLUMN RINGS                                                      |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                             |  |           |             |                                                                                 |  |  | 8 mm Ø BARS                                                       |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
| 5.                                                                                                                                                                                                                                                          |  | C5F5      | 9" X 9"     | <div><div><div>9"</div><div>9"</div></div><div><div>• 4 X 16Y</div></div></div> |  |  | <div><div>@ Support 4" C/c</div><div>@ Midspan 7" C/c</div></div> |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
| FOOTING SCHEDULE                                                                                                                                                                                                                                            |  |           |             |                                                                                 |  |  |                                                                   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
| SIZE                                                                                                                                                                                                                                                        |  | DEPTH     |             | STEEL                                                                           |  |  |                                                                   |  |  | GRID NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |
| L x B                                                                                                                                                                                                                                                       |  | (TOTAL) D |             | STEEL (a)                                                                       |  |  | STEEL (b)                                                         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |
| 4'0" X 4'0"                                                                                                                                                                                                                                                 |  | 12"       |             | 10 # @ 5" C/c                                                                   |  |  | 10 # @ 5" C/c                                                     |  |  | A-1,B-1,A-2, B-2,A-3,B-3. A-4,B-4. Nos - 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |  |  |
| Drawn and Design: BHARATHI.R                                                                                                                                                                                                                                |  |           |             |                                                                                 |  |  |                                                                   |  |  | Date: 14-10-2024   Chd : BALAJI.M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |  |  |
| Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 7/ 38/ Full Structural Layout Details.                                                                                                                                                                         |  |           |             |                                                                                 |  |  |                                                                   |  |  | TITLE: COLUMN AXIS LAYOUT DETAILS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |  |
| PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (BLOCK - 38.)                                                                                                                                                                               |  |           |             |                                                                                 |  |  |                                                                   |  |  | STRUCTURAL CONSULTANT:- Er.BALAJI.M.E.,(struct)..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |  |  |
| SAI STRUCTURAL DESIGNS                                                                                                                                                                                                                                      |  |           |             |                                                                                 |  |  |                                                                   |  |  | M.BALAJI, M.E.,(Struct) LPA/SE/GR-1/076/2024 Coimbatore - 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  |  |  |

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  - LIVE LOAD :- 2 KN/M².
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Drawn and Design: BHARATHI.R  
Date : 14-10-2024 | Chd : BALAJI.M  
Drg No : D/Job/D.N.A./RADIANT - MIRRA/ TYPE 7/  
38/ Full Structural Layout Details.

TITLE: COLUMN AXIS LAYOUT DETAILS.  
PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (BLOCK - 38.)

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct)..



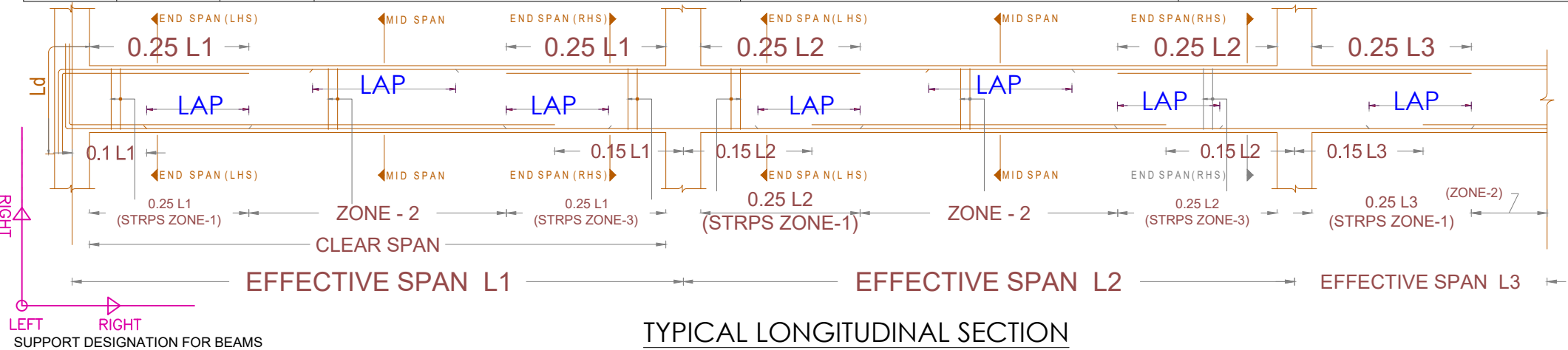
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/2B. (TYPE -38.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

PLINTH BEAM REINFORCEMENT DETAILS:-

| Sl.No | Size     | Name   | L.H.S                                                                                                                                                       | MID                                                                                                                                                         | R.H.S                                                                                                                                                       |
|-------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | 9" X 12" | P.B- 1 | <div><div><div>9"</div><div>12"</div></div><div><div>3 Y-12 Ø</div><div>Y 8 Stps @ 4" C/C</div><div>3 Y-12 Ø</div></div><div>C.S of Plinth Beam</div></div> | <div><div><div>9"</div><div>12"</div></div><div><div>3 Y-12 Ø</div><div>Y 8 Stps @ 7" C/C</div><div>3 Y-12 Ø</div></div><div>C.S of Plinth Beam</div></div> | <div><div><div>9"</div><div>12"</div></div><div><div>3 Y-12 Ø</div><div>Y 8 Stps @ 4" C/C</div><div>3 Y-12 Ø</div></div><div>C.S of Plinth Beam</div></div> |

ROOF BEAM REINFORCEMENT DETAILS:-

| Sl.No | Size     | Name   | L.H.S                                                                                                                                                     | MID                                                                                                                                                       | R.H.S                                                                                                                                                     |
|-------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | 9" X 12" | R.B- 1 | <div><div><div>9"</div><div>12"</div></div><div><div>3 Y-16 Ø</div><div>Y 8 Stps @ 4" C/C</div><div>3 Y-16 Ø</div></div><div>C.S of Roof Beam</div></div> | <div><div><div>9"</div><div>12"</div></div><div><div>3 Y-16 Ø</div><div>Y 8 Stps @ 7" C/C</div><div>3 Y-16 Ø</div></div><div>C.S of Roof Beam</div></div> | <div><div><div>9"</div><div>12"</div></div><div><div>3 Y-16 Ø</div><div>Y 8 Stps @ 4" C/C</div><div>3 Y-16 Ø</div></div><div>C.S of Roof Beam</div></div> |



- REFERENCE:-
- ALL DIMENSIONS ARE IN FEET.
  - ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
  - USE MIX M25 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 350Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1:1:2.
  - CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
  - HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
  - DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
  - DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
  - A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
  - MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
  - IF FLOOR TO FLOOR IS MORE THAN 12' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
  - STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
  - ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
  - SOIL REPORT :- 331.50kN/Sqm @ 2METER DEPTH.
  - LIVE LOAD :- 2 KN/M<sup>2</sup>.
  - FOUNDATION DESIGNED FOR - GROUND FLOOR ONLY.
  - BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
  - ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design: BHARATHI.R

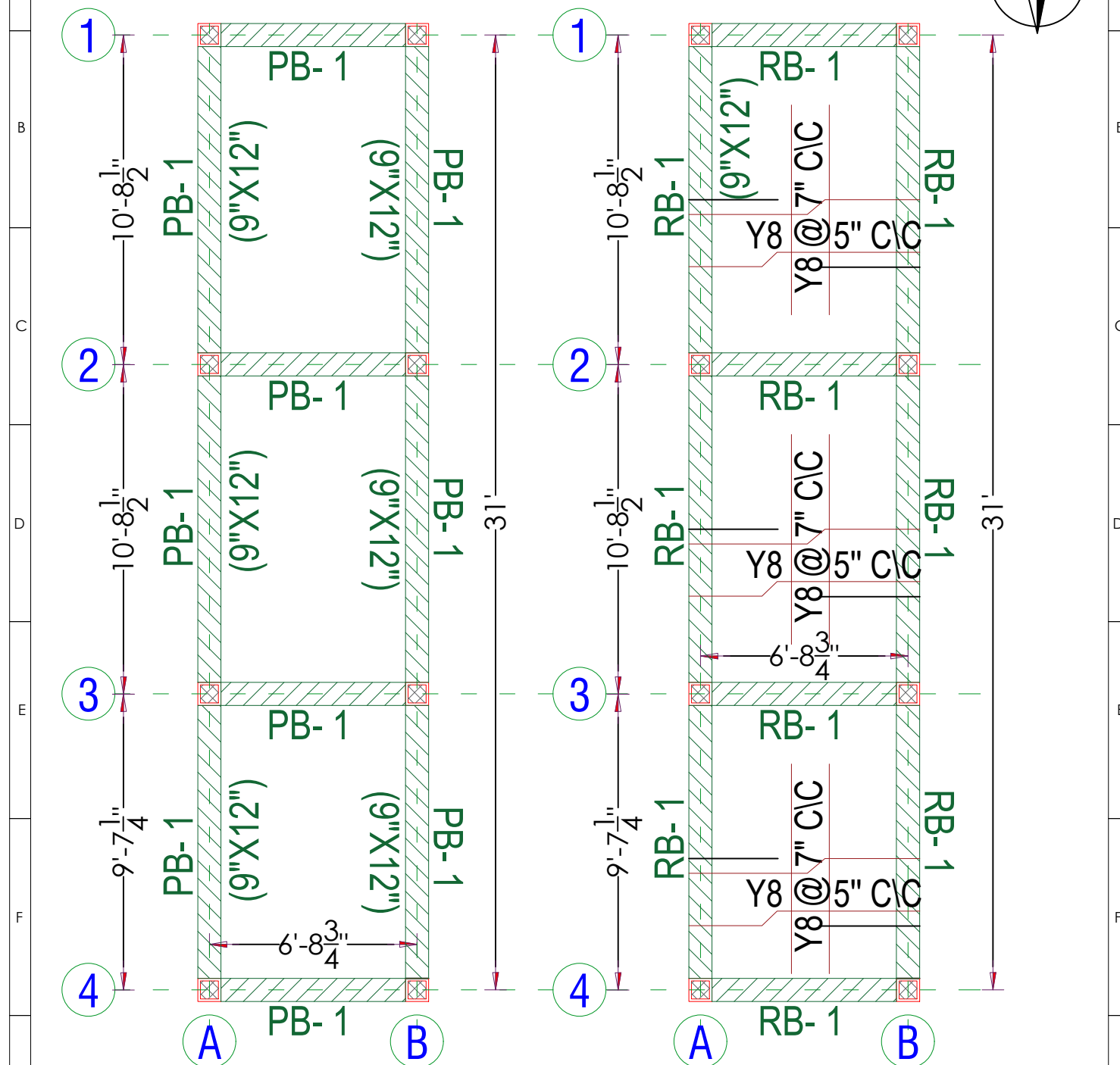
Date : 14-10-2024 | Chd : BALAJI.M

Drg No : D/Job/D.N.A./RADIANT - MIRRA/ TYPE 7/ 38/ Full Structural Layout Details.

**TITLE: PLINTH AND ROOF BEAM DETAILS.**

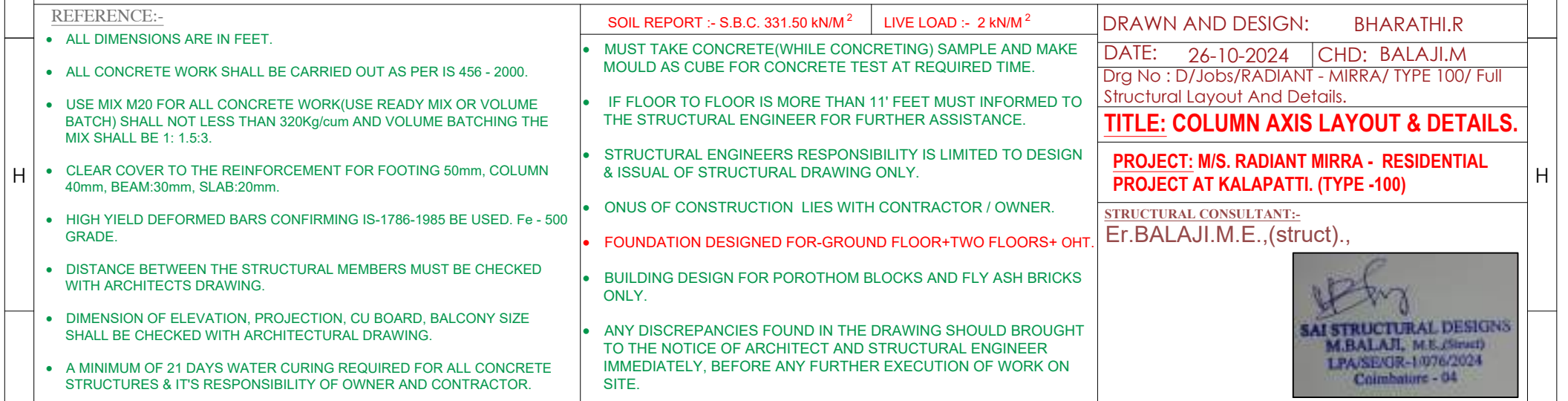
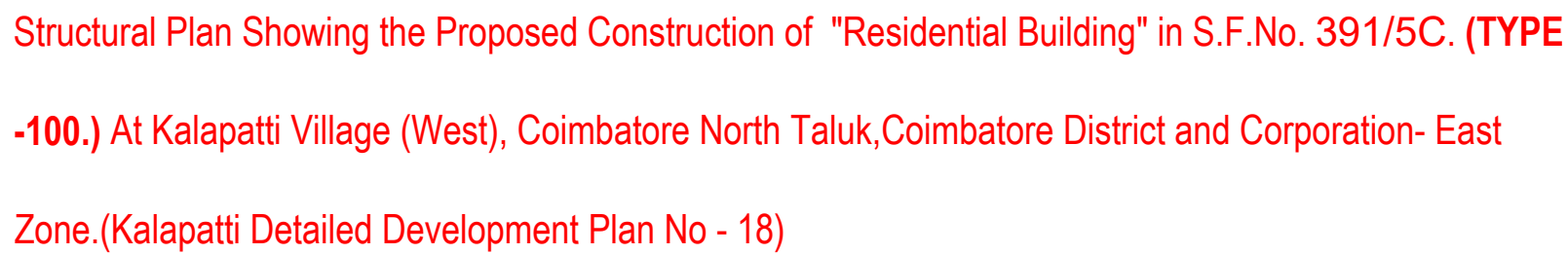
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (BLOCK - 38.)**

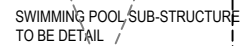
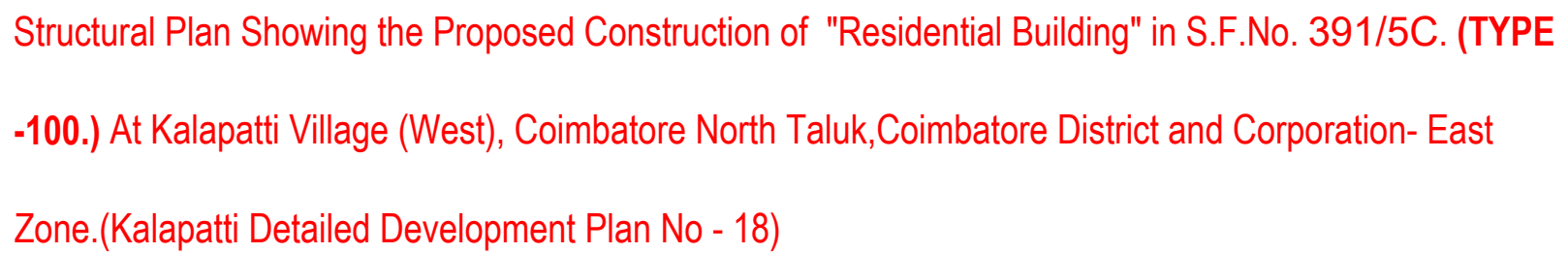
STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,



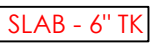
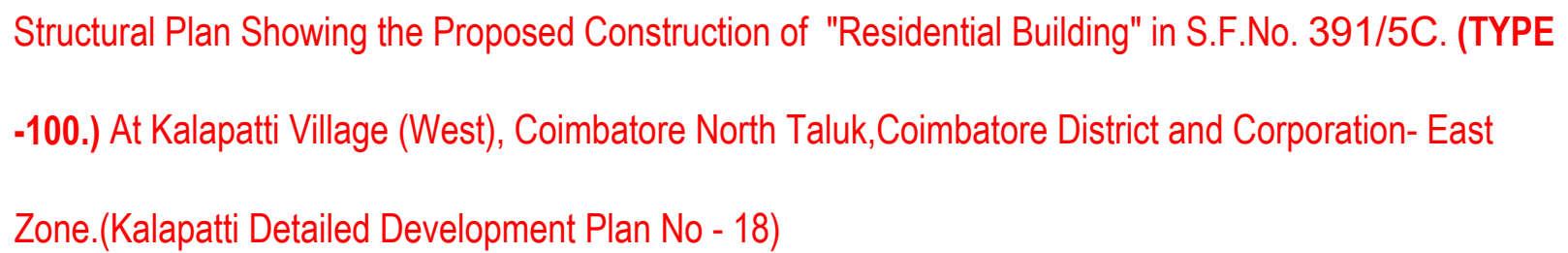
- DIMENSION OF ELEVATION, PROJECTION, CHIMNEY, ROOF BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.

**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

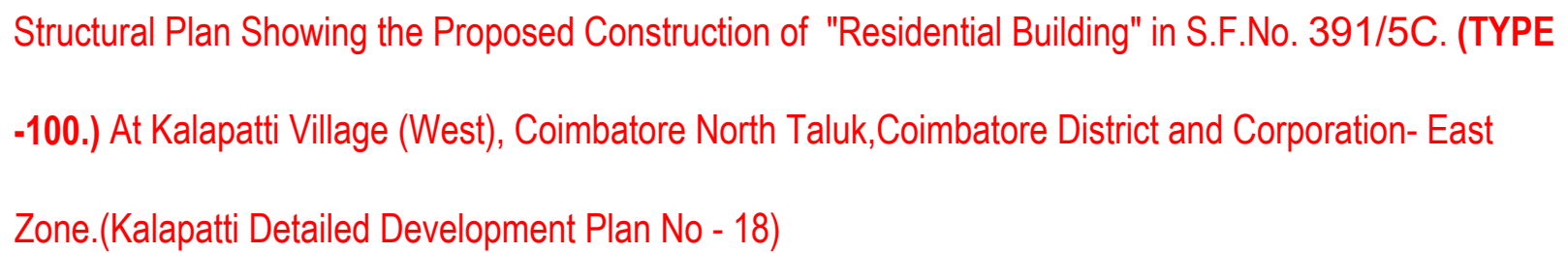




**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SEGR-1/UT6/2024  
Co-signature - 04



**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

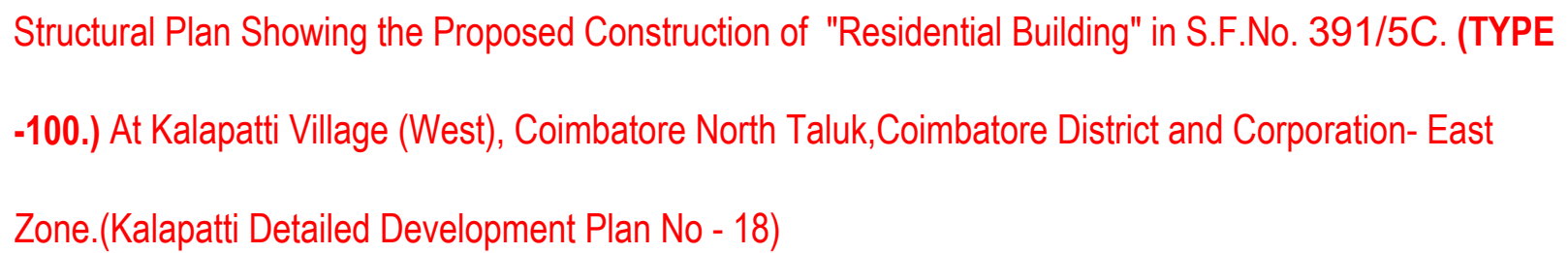
LIVE LOAD :-  $2 \text{ kN/m}^2$

- DRAWN AND DESIGN: BHARATHI.R**

**TITLE: FOOTING LAYOUT & DETAILS.**

**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/UT6/2024  
Coimbatore - 04

SAI STRUCTURAL DESIGNS  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Co-signature - 04

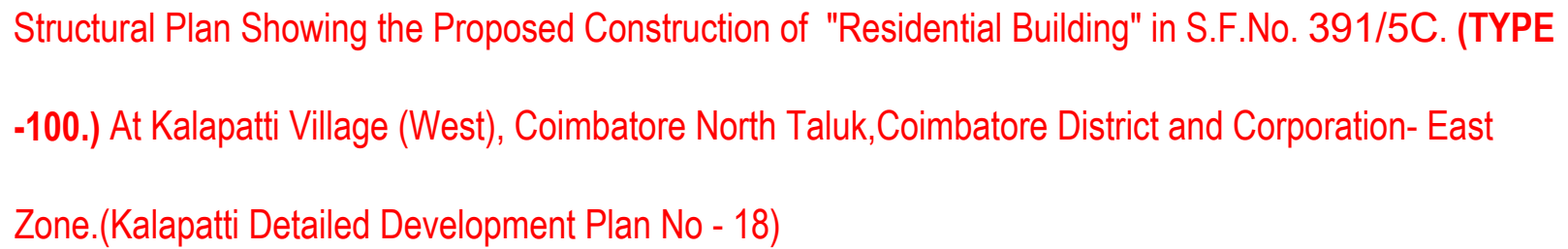


- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

- MUST TAKE CONCRETE (WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Er.BALAJI.M.E.,(struct).,





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

- DRAWN AND DESIGN:** BHARATHI.R

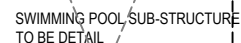
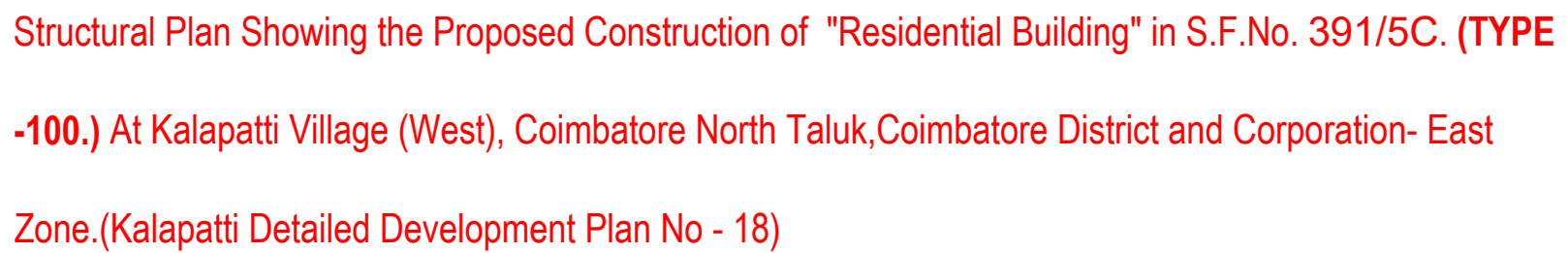
|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                               | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 100/ Full Structural Layout And Details. |               |

**TITLE: G.FLOOR ROOF SLAB LAYOUT**

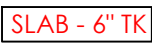
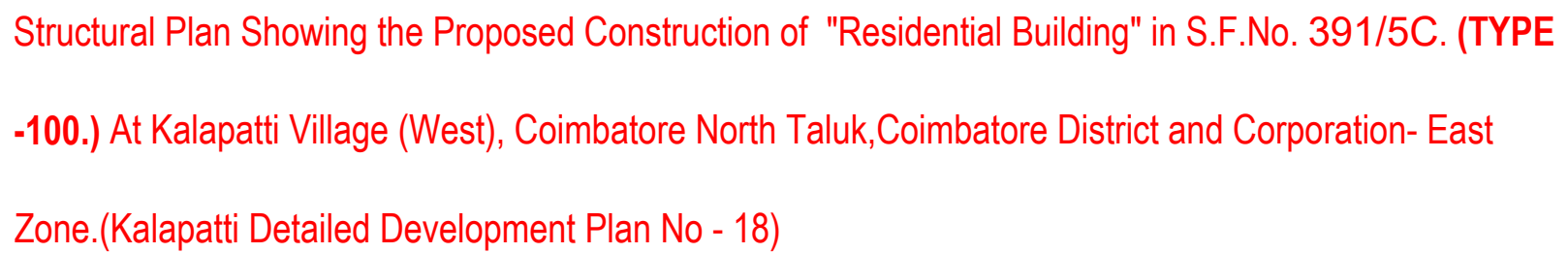
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -100)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





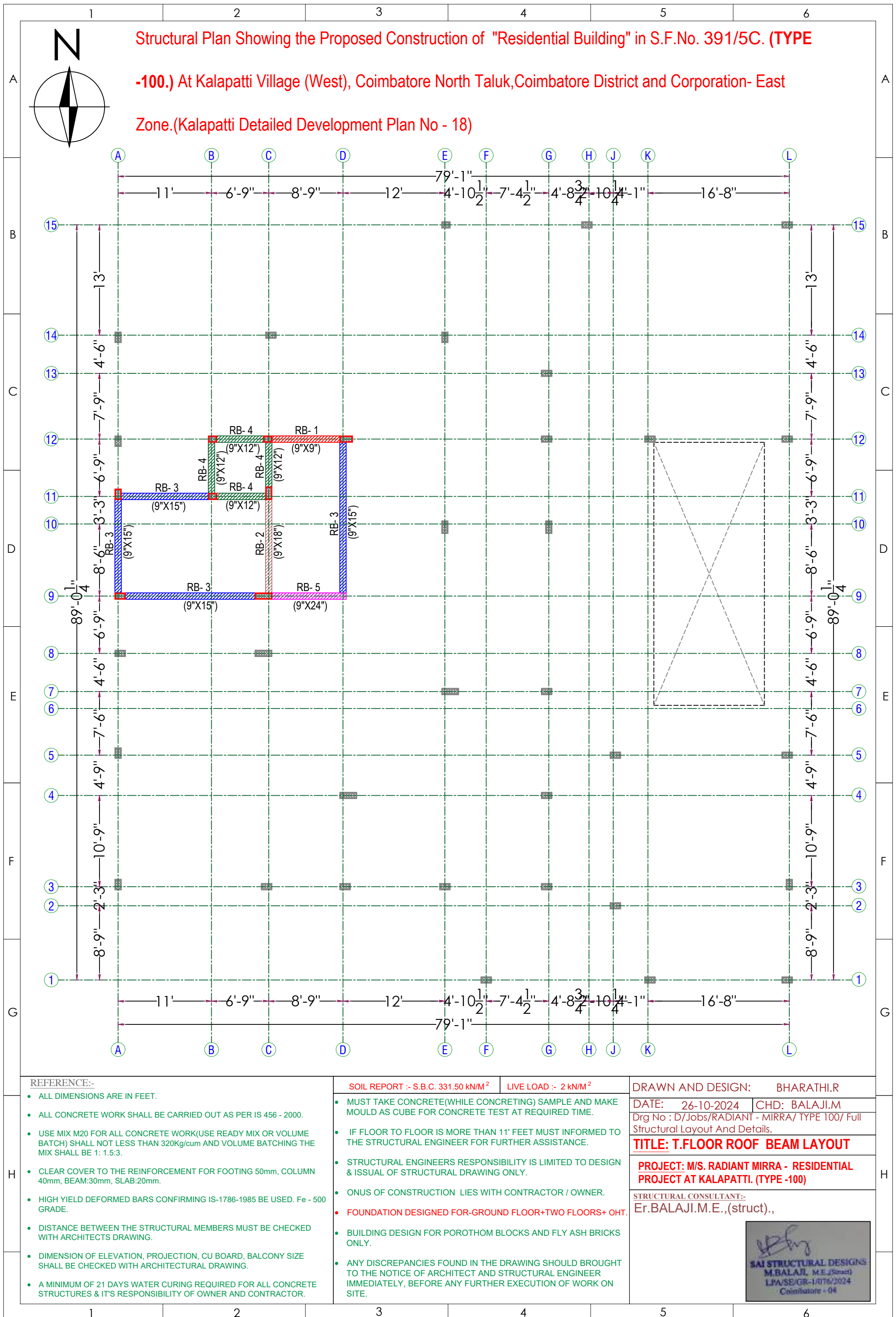
**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04



- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

- MUST TAKE CONCRETE (WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

|                                                                                                                                                                                                                        |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                                                                                                                                                                       | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 100/ Full<br>Structural Layout And Details.                                                                                                                                      |               |
| <b><u>TITLE: T.FLOOR ROOF SLAB LAYOUT</u></b>                                                                                                                                                                          |               |
| <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL<br/>         PROJECT AT KALAPATTI. (TYPE -100)</b>                                                                                                                        |               |
| <b>STRUCTURAL CONSULTANT:-</b><br>Er.BALAJI.M.E.,(struct).,                                                                                                                                                            |               |
|  <p>SAI STRUCTURAL DESIGNS<br/>         M.BALAJI, M.E.(Struct)<br/>         LPA/SE/GR-1/076/2024<br/>         Coimbatore - 04</p> |               |



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**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E. (Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

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- SAI STRUCTURAL DESIGNS**  
MBALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

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- SAI STRUCTURAL DESIGNS**  
MBALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

- MUST TAKE CONCRETE (WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

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- SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1076/2024  
Coimbatore - 04

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- SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

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**SAI STRUCTURAL DESIGNS**  
MBALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

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**SAI STRUCTURAL DESIGNS**  
MBALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04

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- MUST TAKE CONCRETE (WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

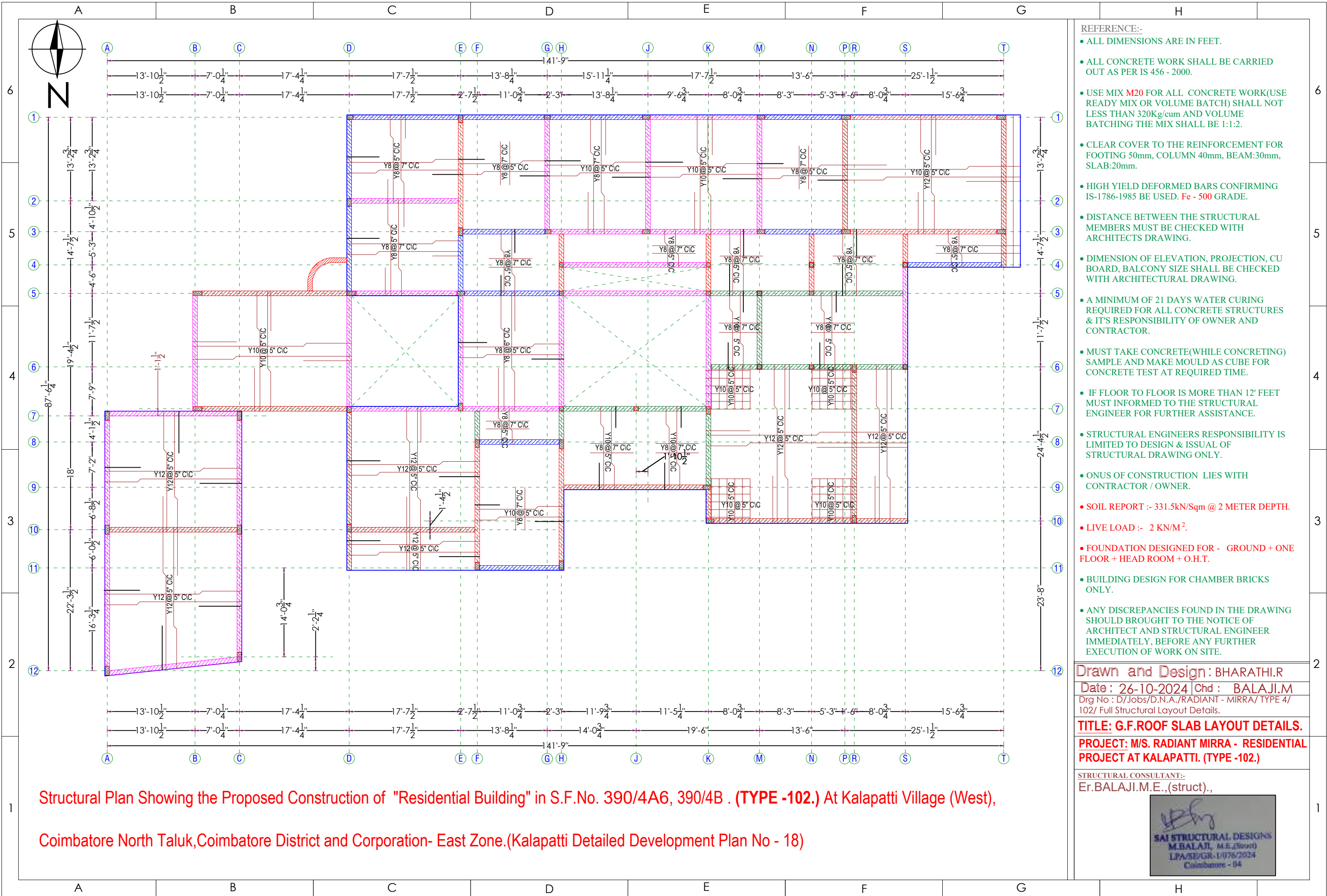
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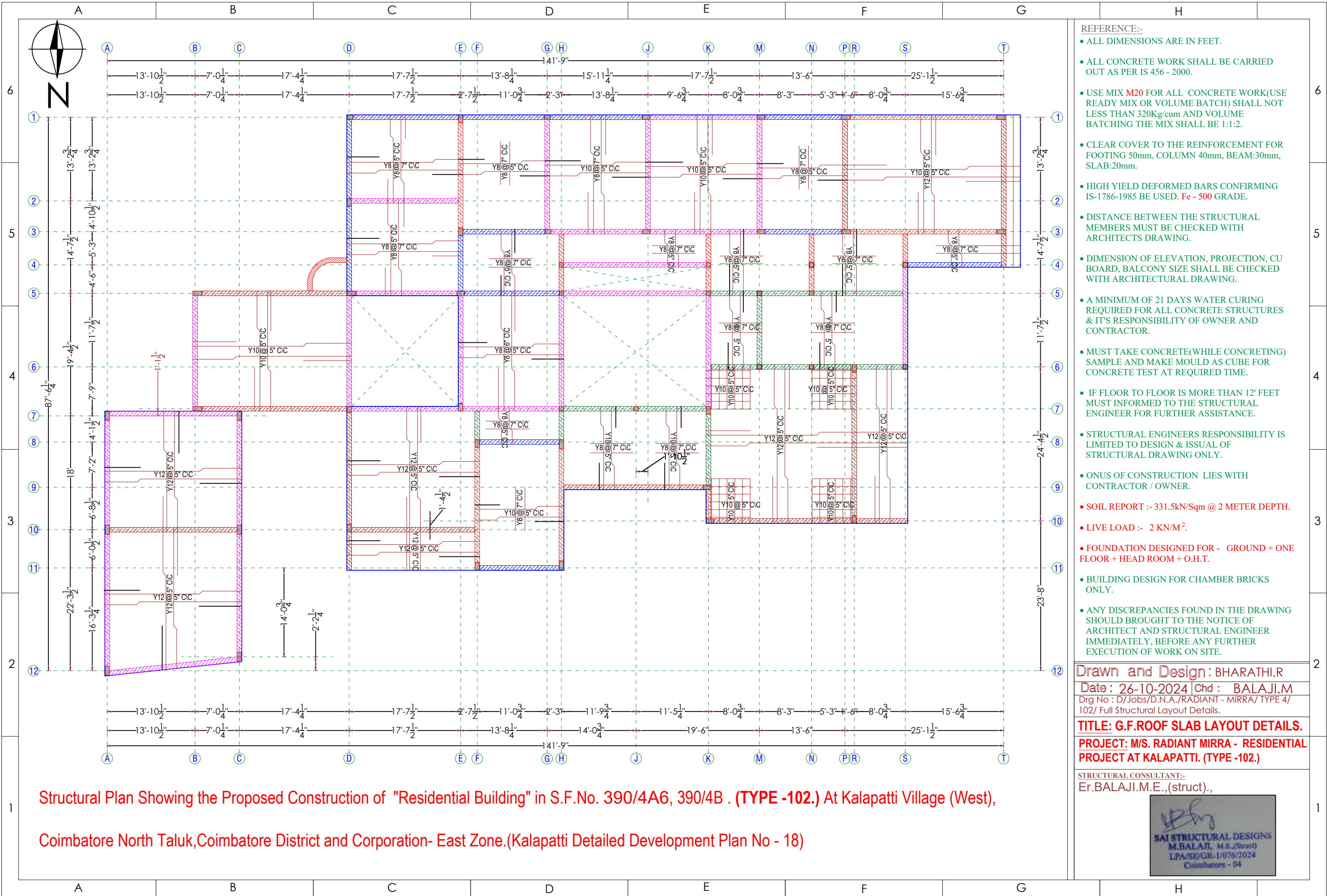
















- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/M}^2$

- DRAWN AND DESIGN: BHARATHI R

|                                                                               |               |
|-------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                              | CHD: BALAJI.M |
| Drg No : D/Job/RADIANT - MIRRA/ TYPE 103/ Full Structural Layout And Details. |               |

**TITLE: COLUMN AXIS LAYOUT & DETAILS.**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -103)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct)..**





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

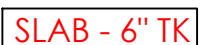
LIVE LOAD :-  $2 \text{ kN/m}^2$

- DRAWN AND DESIGN: BHARATHI.R

**TITLE: F.FLOOR ROOF BEAM LAYOUT**

**STRUCTURAL CONSULTANT:-**

**SAT STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04



**SAT STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/UT6/2024  
Coimbatore - 04



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

- LIVE LOAD :-  $2 \text{ kN/m}^2$

**DRAWN AND DESIGN:** BHARATHI.R

**TITLE: COLUMN AXIS LAYOUT & DETAILS.**

**STRUCTURAL CONSULTANT:-**

**SAT STRUCTURAL DESIGNS**  
M.BALAJI, M.E. (Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

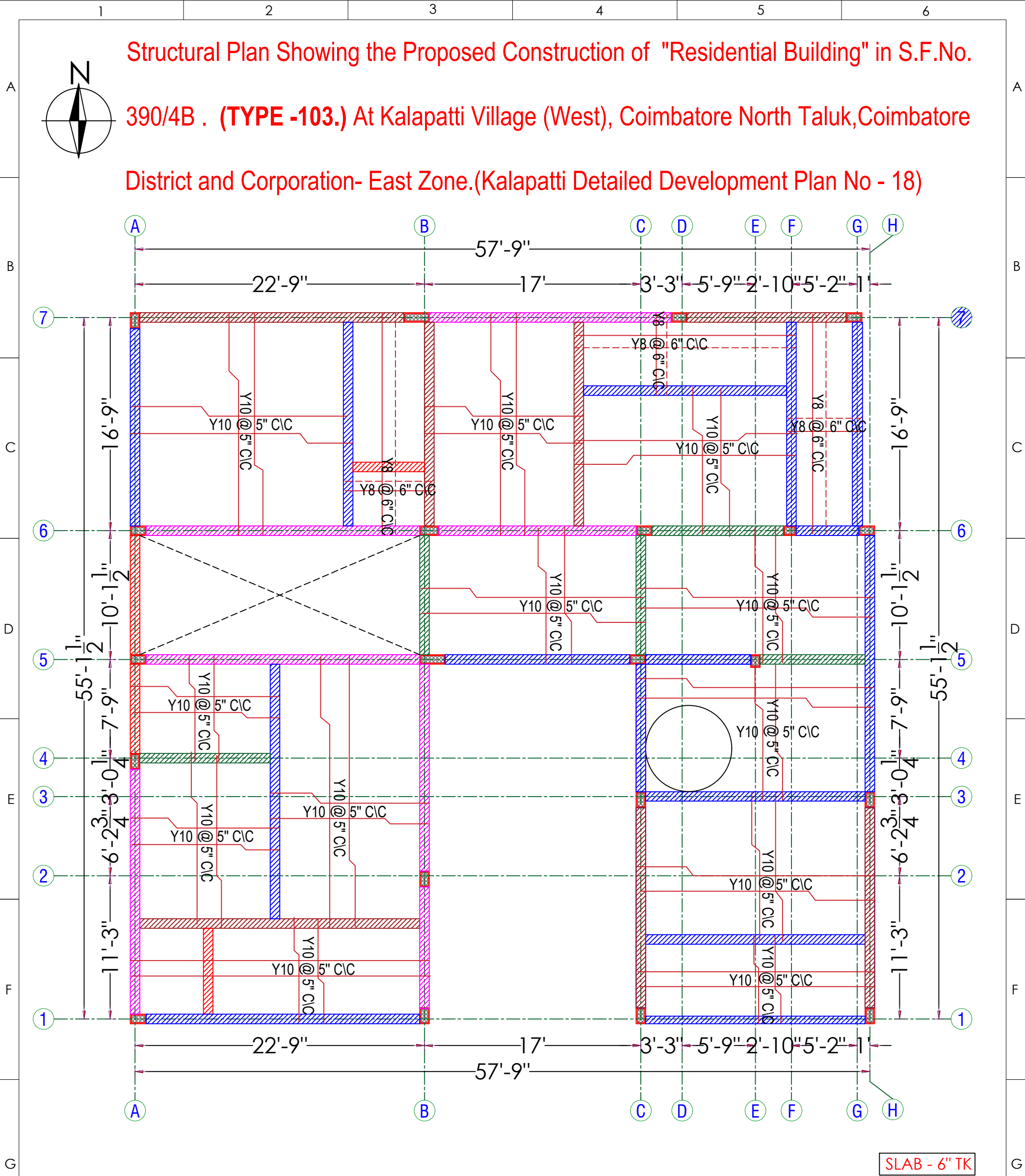
- LIVE LOAD :-  $2 \text{ kN/M}^2$

DRAWN AND DESIGN: BHARATHI.R

**TITLE: G.FLOOR ROOF BEAM LAYOUT**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| H | <div>REFERENCE:-</div> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup></div> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <div>DRAWN AND DESIGN: BHARATHI.R</div> <div>DATE: 26-10-2024      CHD: BALAJI.M<br/>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 103/ Full Structural Layout And Details.</div> <div>TITLE: G.FLOOR ROOF SLAB LAYOUT</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -103)</div> <div>STRUCTURAL CONSULTANT:-<br/>Er.BALAJI.M.E.,(struct).,</div> <div></div> | H |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

- MUST TAKE CONCRETE (WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.
- BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                               | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T03/ Full Structural Layout And Details. |               |

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -103)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

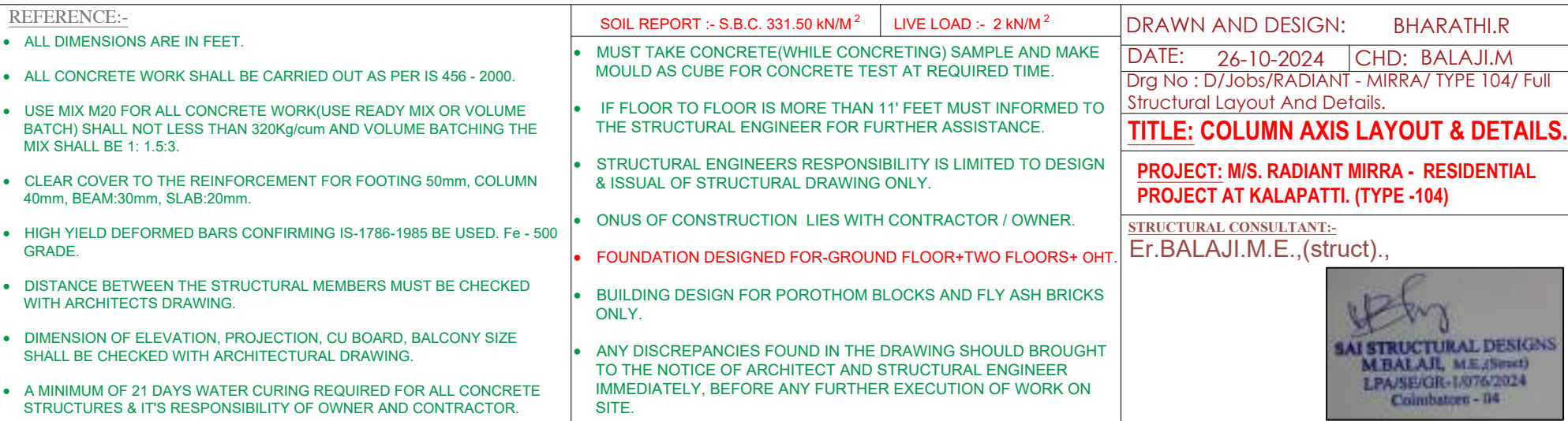
LIVE LOAD :-  $2 \text{ kN/M}^2$

- DRAWN AND DESIGN: BHARATHI.R

|                                                                                    |               |
|------------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                                   | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 103/ Full Structural Layout And Details.     |               |
| <b>TITLE: T.FLOOR ROOF BEAM &amp; SLAB LAYOUT &amp; R.B.REINFORCEMENT DETAILS.</b> |               |
| <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -103)</b> |               |

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,







- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup>

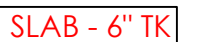
- DRAWN AND DESIGN: BHARATHI.R

|                                                                                  |               |
|----------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                                 | CHD: BALAJI.M |
| Drg No : D/Job/RADIANT - MIRRA/ TYPE 104/ Full<br>Structural Layout And Details. |               |

**TITLE: F.FLOOR ROOF BEAM LAYOUT**  
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL**  
**PROJECT AT KALAPATTI. (TYPE -104)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





**SAI STRUCTURAL DESIGNS**  
MBALAI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

- DRAWN AND DESIGN: BHARATHI.R

|                                                                                   |               |
|-----------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                                  | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 104/ Full<br>Structural Layout And Details. |               |

## TITLE: FOOTING LAYOUT & DETAILS.

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -104)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/M}^2$

- DRAWN AND DESIGN: BHARATHI.R

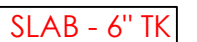
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| DATE: 26-10-2024                                                               | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 104/ Full Structural Layout And Details. |               |

**TITLE: G.FLOOR ROOF BEAM LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -104)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





**SAI STRUCTURAL DESIGNS**  
M.BALAJI, M.E.(Struct)  
LPA/SE/GR-1/076/2024  
Coimbatore - 04



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/M}^2$

- DRAWN AND DESIGN: BHARATHI R

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|-----------------------------------------------------------------------------------|---------------|
| DATE: 26-10-2024                                                                  | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 104/ Full<br>Structural Layout And Details. |               |

# TITLE: PLINTH BEAM LAYOUT

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -104)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





- SOIL REPORT :- S.B.C.  $331.50 \text{ kN/M}^2$       LIVE LOAD :-  $2 \text{ kN/M}^2$

- DRAWN AND DESIGN: BHARATHI.R

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| DATE: 26-10-2024                                                                  | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 104/ Full<br>Structural Layout And Details. |               |

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -104)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup>

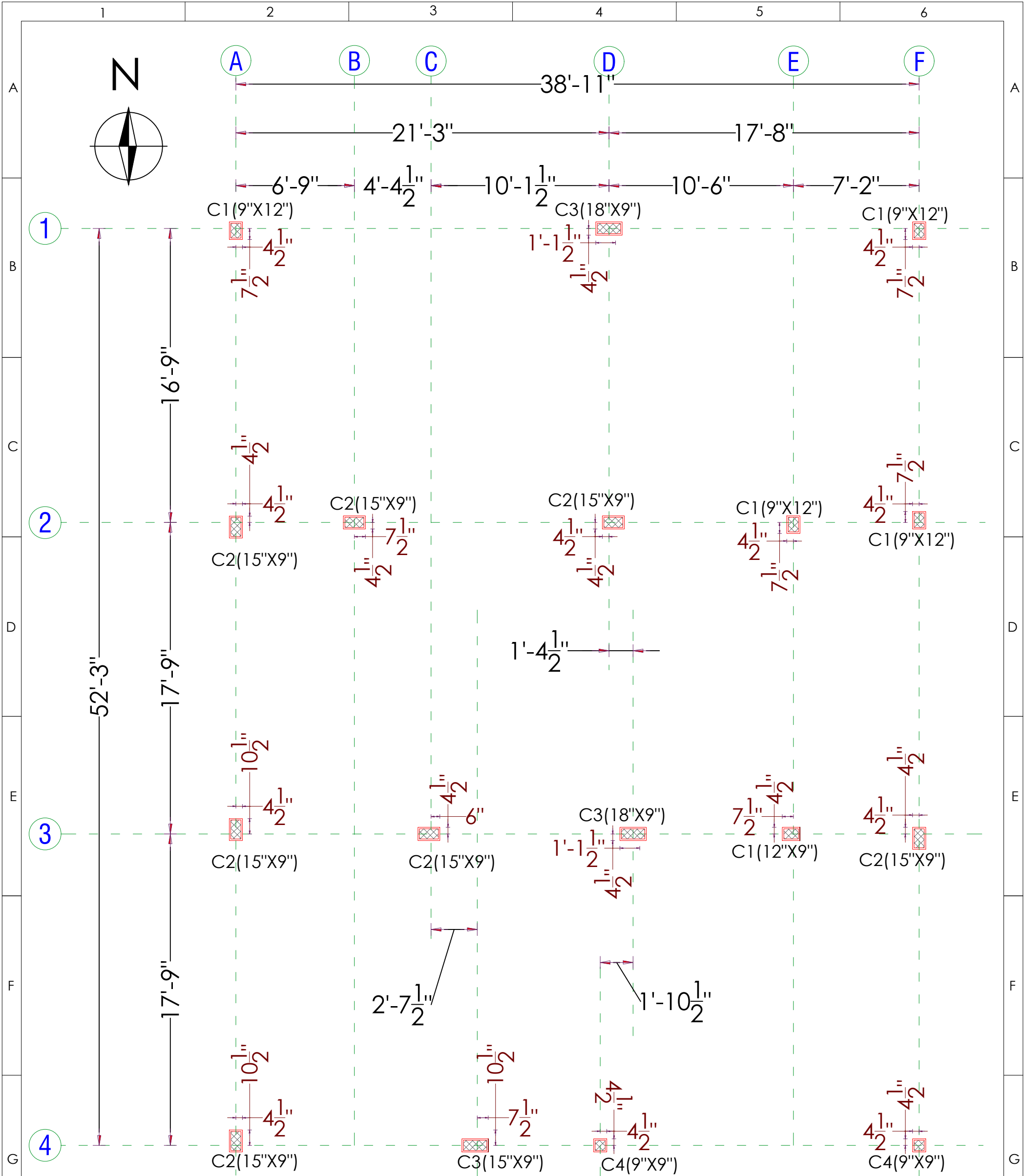
- DRAWN AND DESIGN: BHARATHI.R

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| DATE: 26-10-2024                                                               | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 104/ Full Structural Layout And Details. |               |

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -104)**

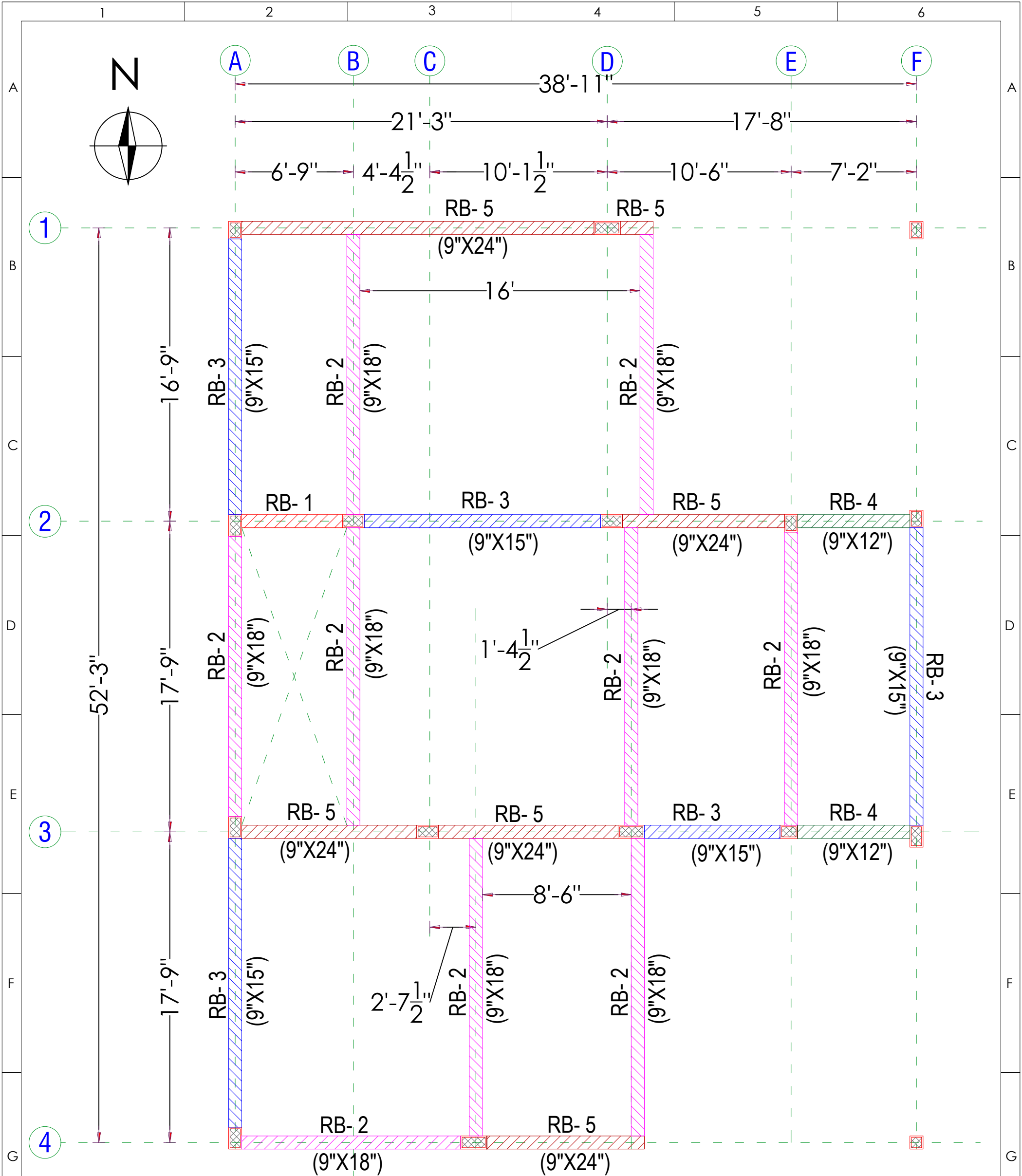
**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





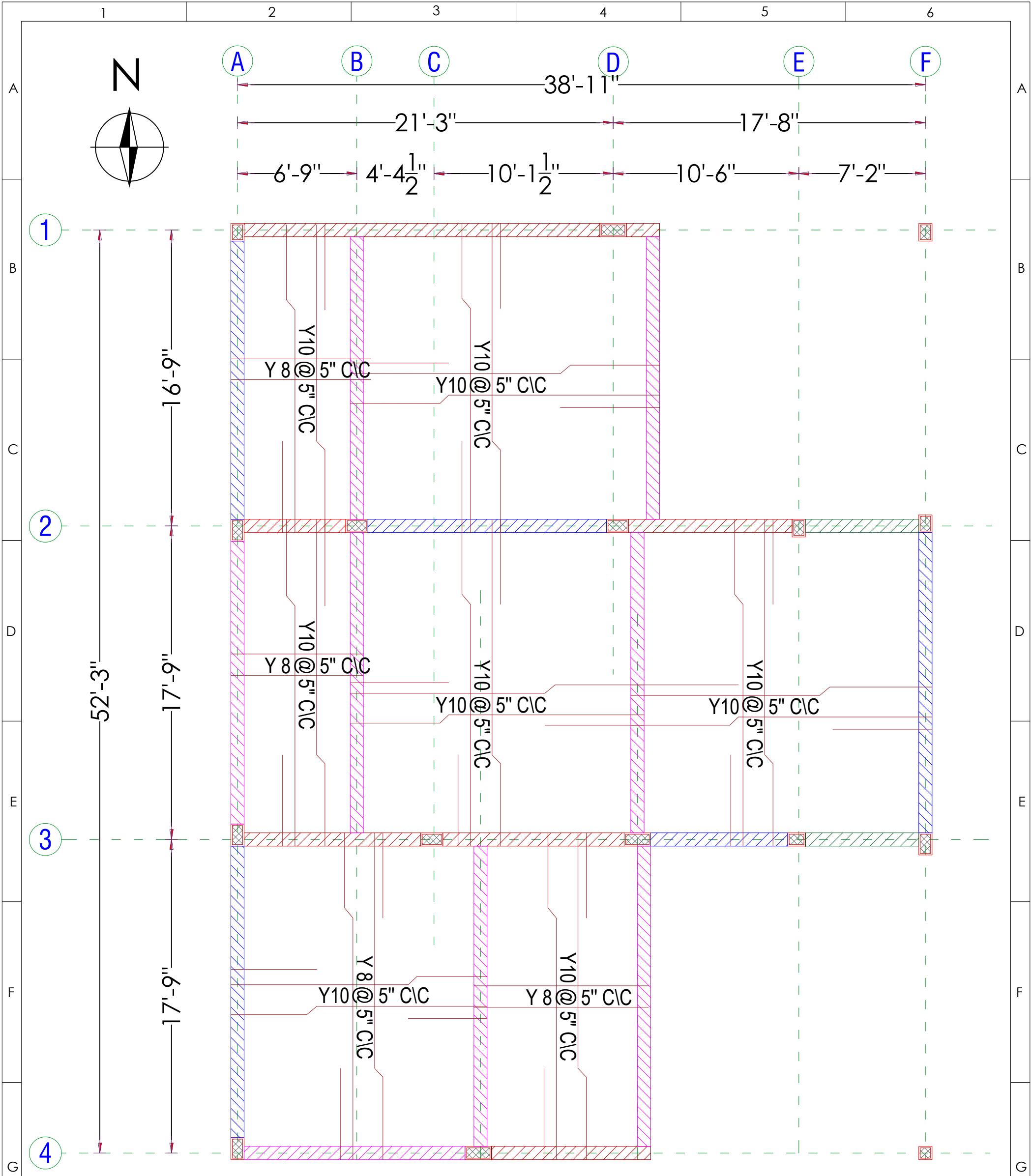
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)

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| H | REFERENCE:- <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> |   | SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup><br><br>LIVE LOAD :- 2 kN/M <sup>2</sup> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |   | Drawn and Design : BHARATHI.R<br>Date : 26-10-2024 Chd : BALAJI.M<br>Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 105 / Full Structural Layout Details.<br><b>TITLE: COLUMN AXIS LAYOUT DETAILS.</b><br><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -105.)</b><br><br>STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,<br><br>ARCHITECT :<br> Design n Architectural Studio India pvt Ltd<br>110, 3rd Street, Robertson Road,<br>PM Swamy Colony, RS Puram,<br>Coimbatore 641002 ph : +422-4367779 |  | H |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |
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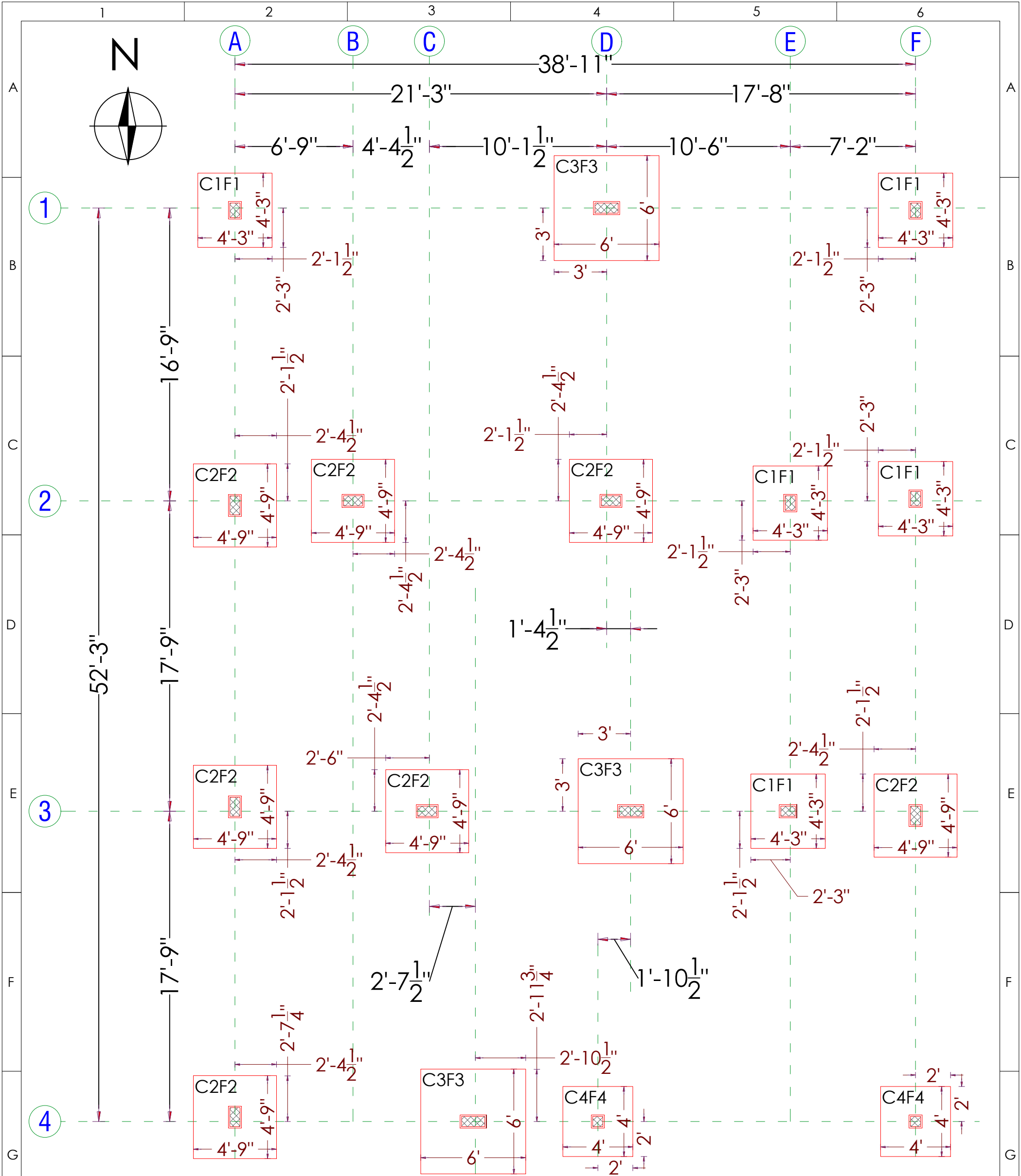
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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| H | <div>REFERENCE:-</div> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></div> <div>LIVE LOAD :- 2 kN/M<sup>2</sup></div> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <div>Drawn and Design: BHARATHI.R</div> <div>Date : 26-10-2024   Chd : BALAJI.M</div> <div>Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 105 / Full Structural Layout Details.</div> <div>TITLE: F.F.ROOF BEAM LAYOUT DETAILS.</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -105.)</div> <div>STRUCTURAL CONSULTANT:-</div> <div>Er.BALAJI.M.E.,(struct),,</div> <div>ARCHITECT :</div> <div><div><div>Design n Architectural Studio India pvt ltd</div><div>110, 3rd Street, Robertson Road,</div><div>PM Swamy Colony, RS Puram,</div><div>Coimbatore 641002 ph : +422-4367779</div></div></div> |   |   |   |
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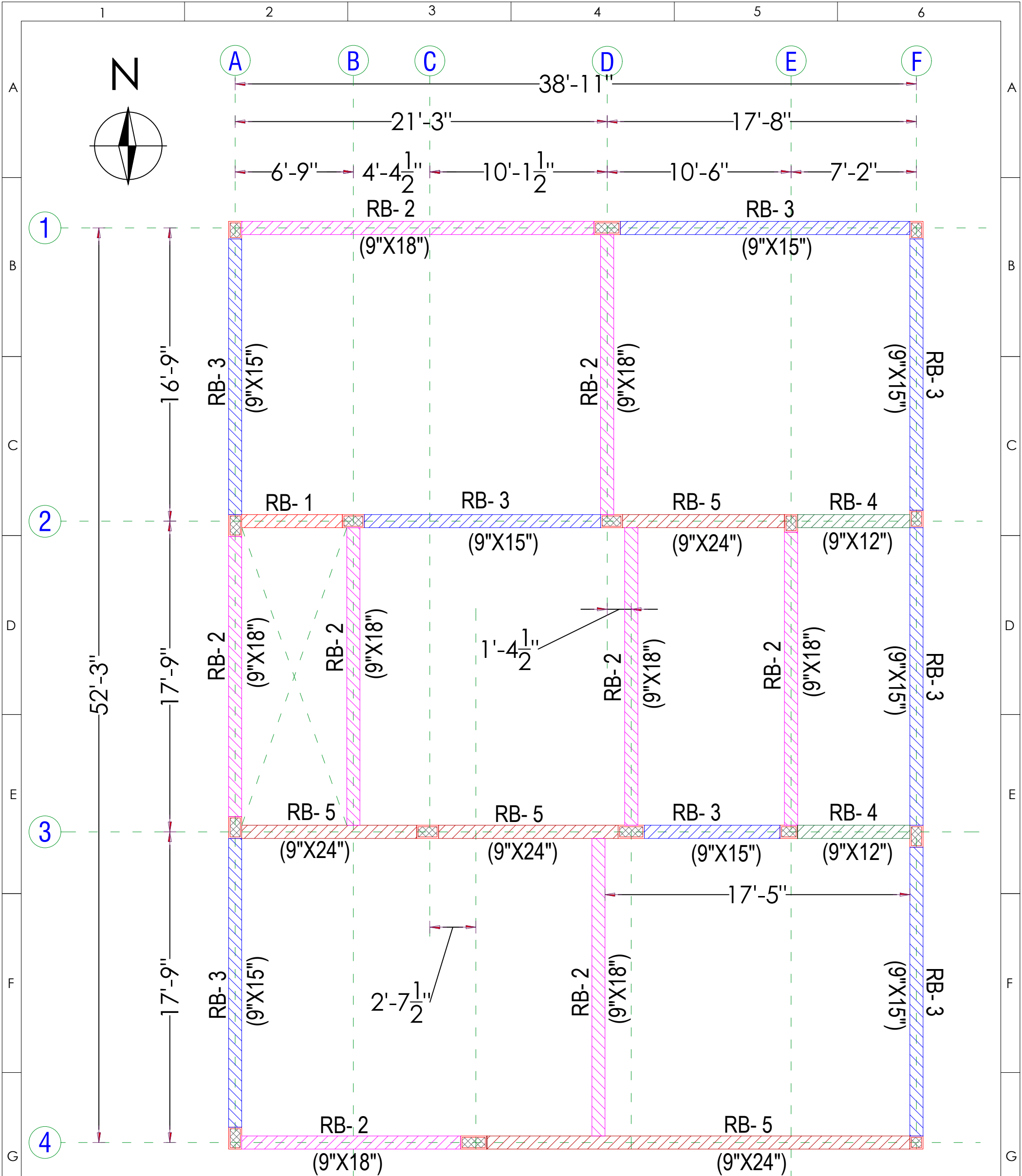
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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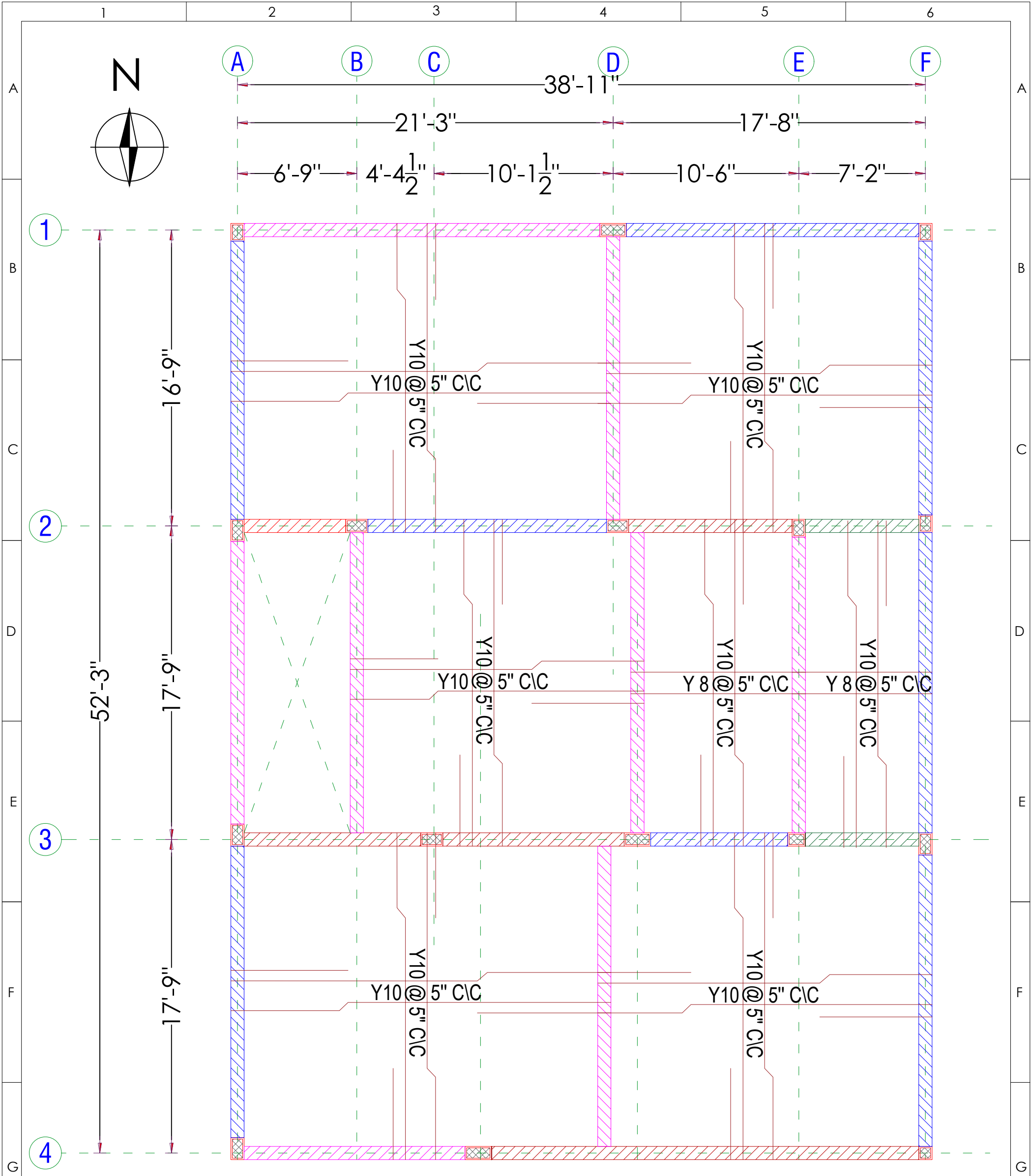
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)

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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |                                  |                              | Date: 26-10-2024   Chd : BALAJI.M<br>Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 105 / Full Structural Layout Details.                                                                                                                                                |                                                                              |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                              |                                                                                                                                                                                                                                                                        | TITLE: COLUMN AXIS LAYOUT DETAILS.                                           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                              |                                                                                                                                                                                                                                                                        | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -105.) |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                              | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct),,                                                                                                                                                                                                                   |                                                                              |
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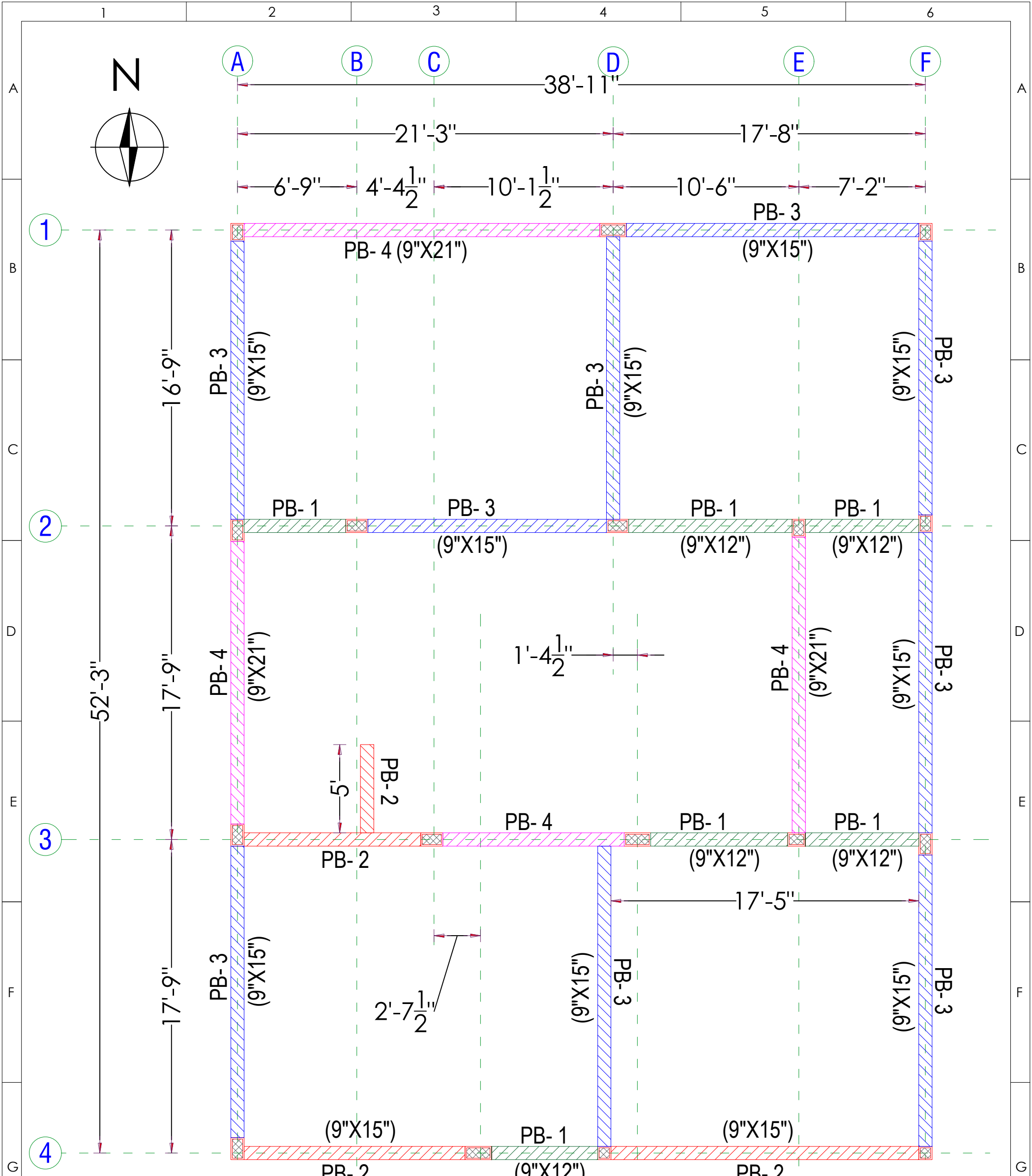
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   | Date : 26-10-2024   Chd : BALAJI.M<br>Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 105 / Full Structural Layout Details.                                            |                                  |                              |   |   |
|   | TITLE: G.F.ROOF BEAM LAYOUT DETAILS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |                                  |                              |   |   |
|   | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -105.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                     |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct),                                                                                                                 |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ARCHITECT :<br>Design n Architectural Studio India pvt ltd<br>110, 3rd Street, Robertson Road,<br>PM Swamy Colony, RS Puram,<br>Coimbatore 641002 ph : +422-4367779 |                                  |                              |   |   |
|   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                                                                                                                                                   | 3                                | 4                            | 5 | 6 |



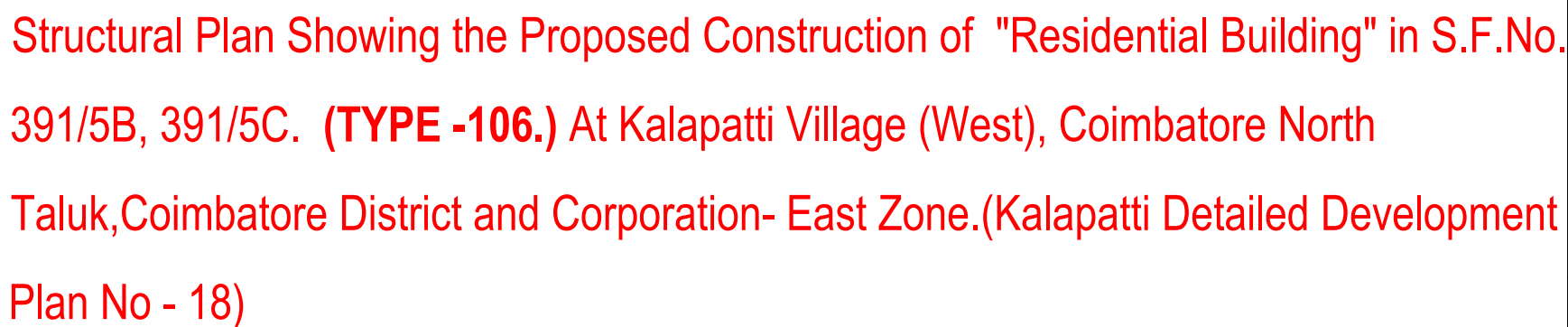
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                   |                                  |                              |   |   |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|---|---|
| H | REFERENCE:- <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup>                                                                                                                                                                                                                                    | LIVE LOAD :- 2 kN/M <sup>2</sup> | Drawn and Design: BHARATHI.R |   |   |
|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   | Date : 26-10-2024 Chd : BALAJI.M                                                                                                                                                                                                                                                  |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 105 / Full Structural Layout Details.                                                                                                                                                                                                |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TITLE: G.F.ROOF SLAB LAYOUT DETAILS.                                                                                                                                                                                                                                              |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -105.)                                                                                                                                                                                                      |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct),                                                                                                                                                                                                                               |                                  |                              |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ARCHITECT :<br><div><div>Design n Architectural Studio India pvt Ltd<br/>110, 3rd Street, Robertson Road,<br/>PM Swamy Colony, RS Puram,<br/>Coimbatore 641002 ph : +422-4367779</div></div> |                                  |                              |   |   |
|   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                                                                                                                                                                                                                                                                 | 3                                | 4                            | 5 | 6 |



Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B. (TYPE -105.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| H | <div>REFERENCE:-<ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul></div> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></div> <div>LIVE LOAD :- 2 kN/M<sup>2</sup></div> | <div>Drawn and Design: BHARATHI.R</div> <div>Date : 26-10-2024 Chd : BALAJI.M</div> <div>Drg No : D/Jobs/D.N.A./RADIANT - MIRRA/ TYPE 105 / Full Structural Layout Details.</div> <div>TITLE: PLINTH BEAM LAYOUT DETAILS.</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -105.)</div> <div>STRUCTURAL CONSULTANT:-<br/>Er.BALAJI.M.E.,(struct),</div> <div>ARCHITECT :<br/><div><div><div></div><div>Design n Architectural Studio India pvt ltd</div><div>110, 3rd Street, Robertson Road,<br/>PM Swamy Colony, RS Puram,<br/>Coimbatore 641002 ph : +422-4367779</div></div></div></div>                                                                                                                                           |   |   |   |
|   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                                                                                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4 | 5 | 6 |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     | <div><ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul></div> |   |   |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |   |



- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup>

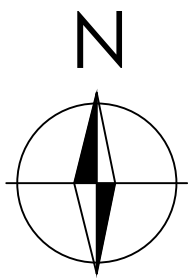
- DRAWN AND DESIGN: BHARATHI R

|                                                                                |               |
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| DATE: 26-10-2024                                                               | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 106/ Full Structural Layout And Details. |               |

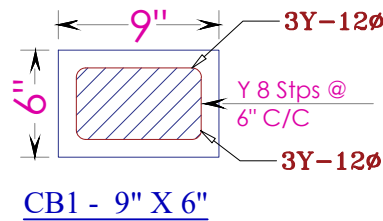
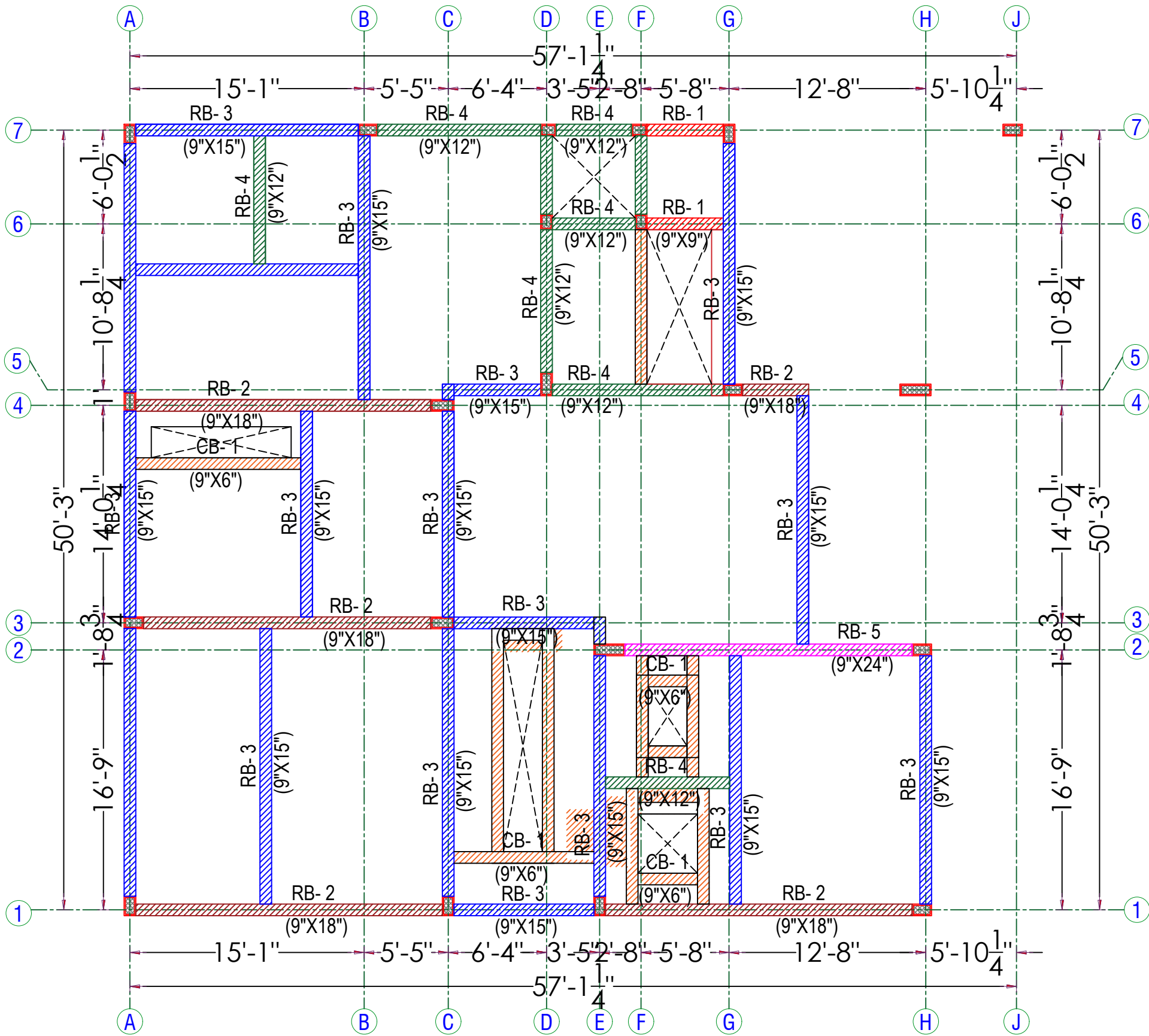
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -106)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 391/5C. (TYPE -106.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)



REFERENCE:-

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- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

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DRAWN AND DESIGN: BHARATHI.R

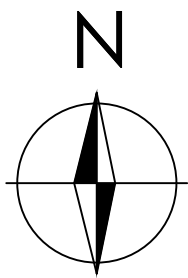
DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T06/ Full Structural Layout And Details.

**TITLE: F.FLOOR ROOF BEAM LAYOUT**

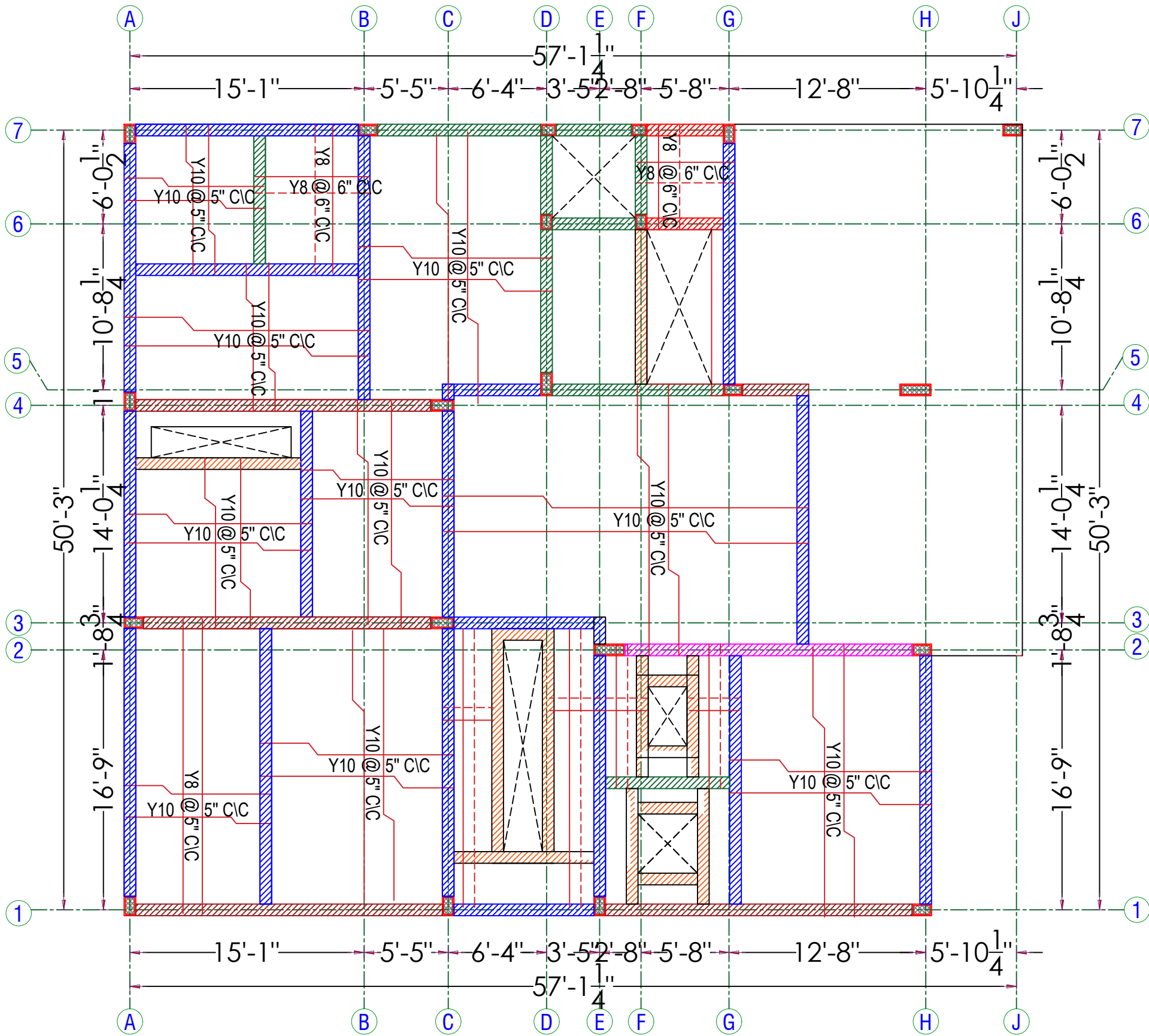
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -106)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 391/5C. (TYPE -106.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)



SLAB - 6" TK

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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

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DRAWN AND DESIGN: BHARATHI.R

DATE: 2001-02-04 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T06/ Full  
Structural Layout And Details.

**TITLE: F.FLOOR ROOF SLAB LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -106)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

- DRAWN AND DESIGN: BHARATHI.R

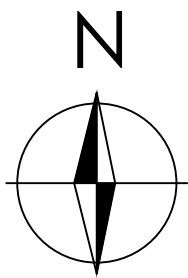
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| DATE: 26-10-2024                                                               | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 106/ Full Structural Layout And Details. |               |

**TITLE: COLUMN AXIS LAYOUT & DETAILS.**

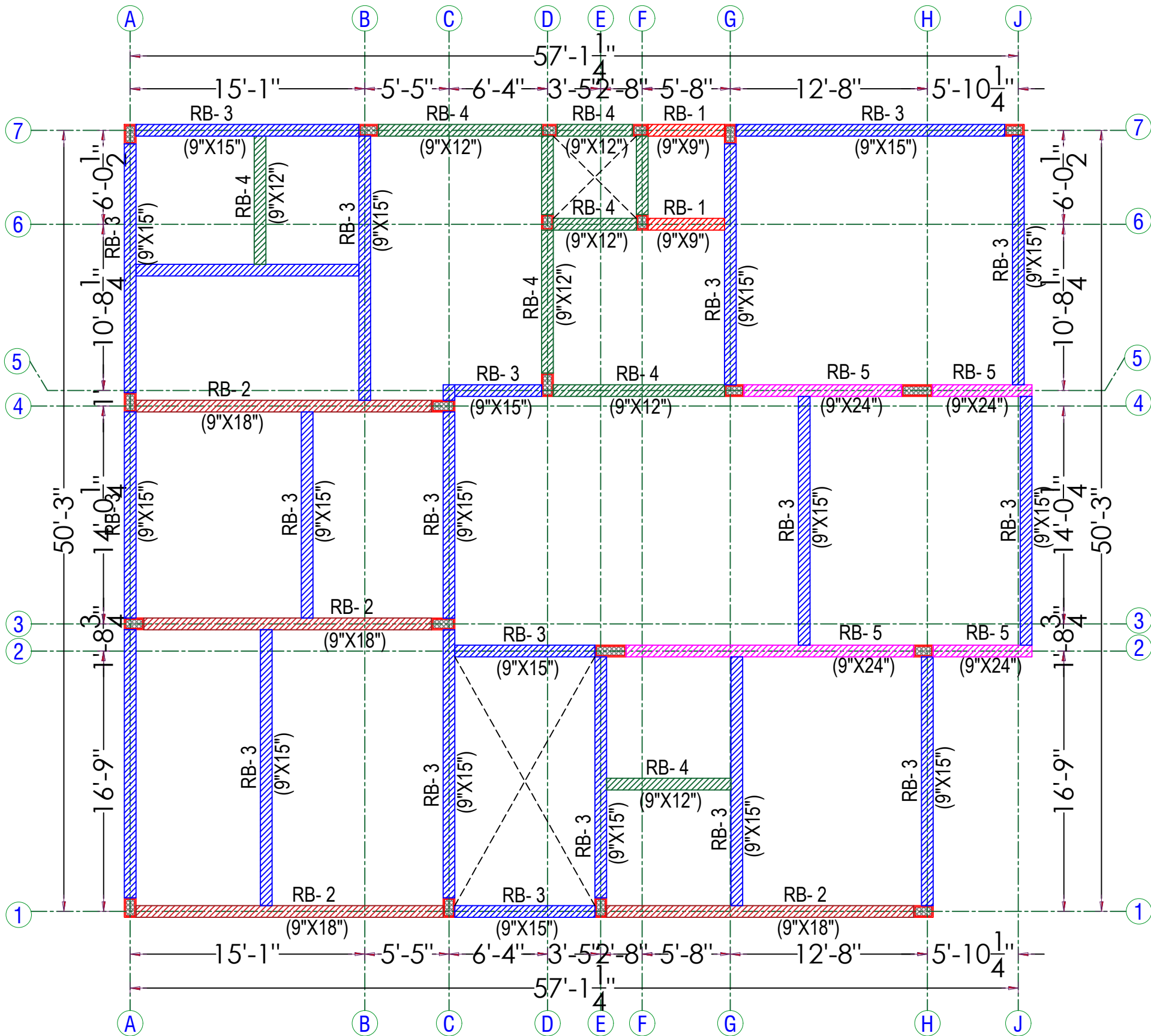
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -106)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

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DRAWN AND DESIGN: BHARATHI.R

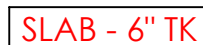
DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T06/ Full  
Structural Layout And Details.

**TITLE: G.FLOOR ROOF BEAM LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -106)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,



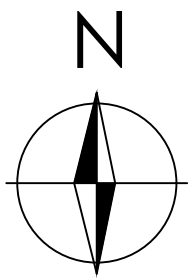


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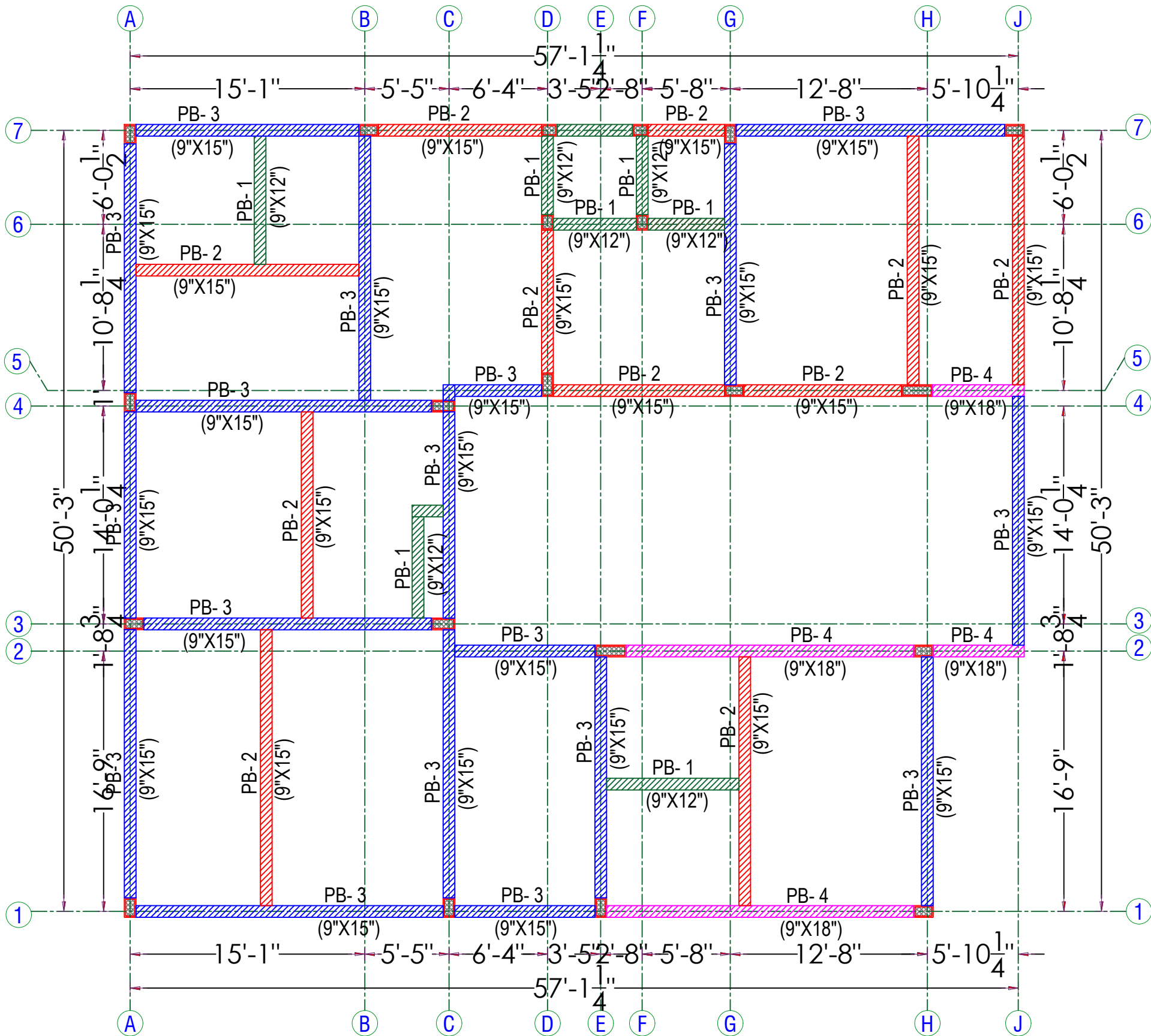
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**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct).,**





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 391/5C. (TYPE -106.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)



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LIVE LOAD :- 2 kN/M<sup>2</sup>

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- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
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- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

DRAWN AND DESIGN: BHARATHI.R

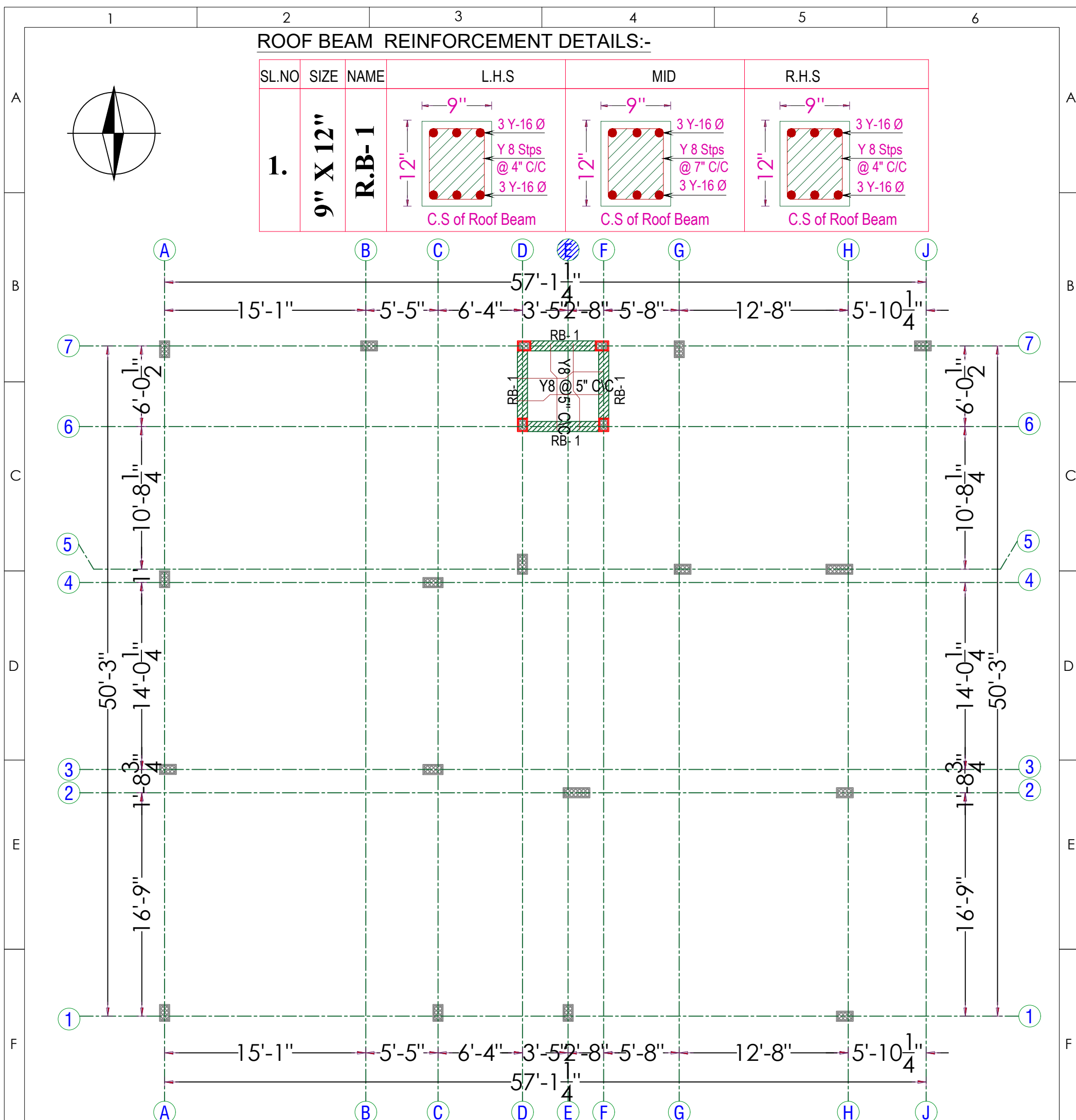
DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T06/ Full  
Structural Layout And Details.

**TITLE: PLINTH BEAM LAYOUT & DETAILS.**

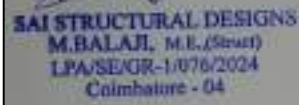
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -106)**

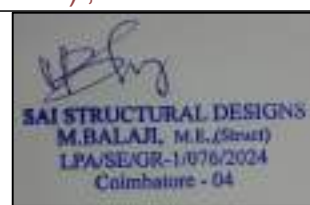
STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,

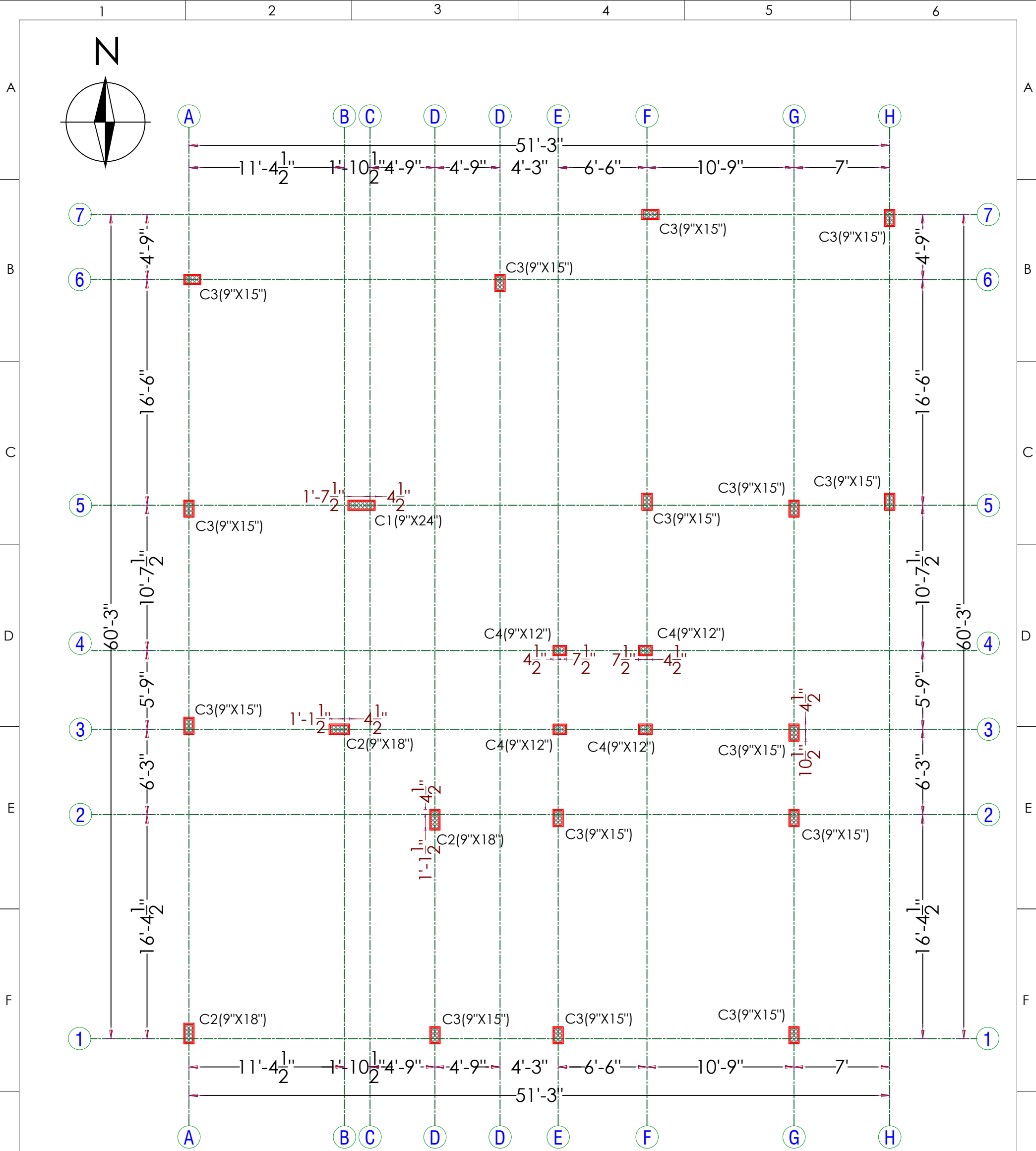




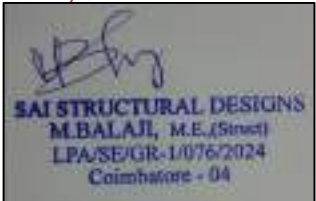
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 391/5C. **(TYPE -106.)** At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

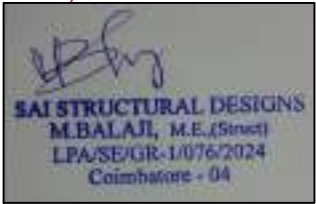
|                                                                                                                                                                                                 |                                                                                                                                                                                                                       |                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <p>REFERENCE:-</p>                                                                                                                                                                              | <p>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup></p>                                                                                                                             | <p>DRAWN AND DESIGN:      BHARATHI.R</p>                                                  |
| <ul style="list-style-type: none"> <li>ALL DIMENSIONS ARE IN FEET.</li> </ul>                                                                                                                   | <ul style="list-style-type: none"> <li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li> </ul>                                                              | <p>DATE:    26-10-2024      CHD: BALAJI.M</p>                                             |
| <ul style="list-style-type: none"> <li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li> </ul>                                                                                  | <ul style="list-style-type: none"> <li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li> </ul>                                                            | <p>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 106/ Full Structural Layout And Details.</p>     |
| <ul style="list-style-type: none"> <li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li> </ul> | <ul style="list-style-type: none"> <li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li> </ul>                                                                   | <p><b>TITLE: T.FLOOR R. BEAM, SLAB LAYOUT</b></p>                                         |
| <ul style="list-style-type: none"> <li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li> </ul>                                                         | <ul style="list-style-type: none"> <li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li> </ul>                                                                                                                  | <p><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -106)</b></p> |
| <ul style="list-style-type: none"> <li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li> </ul>                                                                     | <ul style="list-style-type: none"> <li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li> </ul>                                                                                                               | <p>STRUCTURAL CONSULTANT:-<br/>Er.BALAJI.M.E.,(struct).,</p>                              |
| <ul style="list-style-type: none"> <li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li> </ul>                                                              | <ul style="list-style-type: none"> <li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li> </ul>                                                                                                        |      |
| <ul style="list-style-type: none"> <li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li> </ul>                                       | <ul style="list-style-type: none"> <li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li> </ul> |      |
| <ul style="list-style-type: none"> <li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li> </ul>                     |                                                                                                                                                                                                                       |                                                                                           |

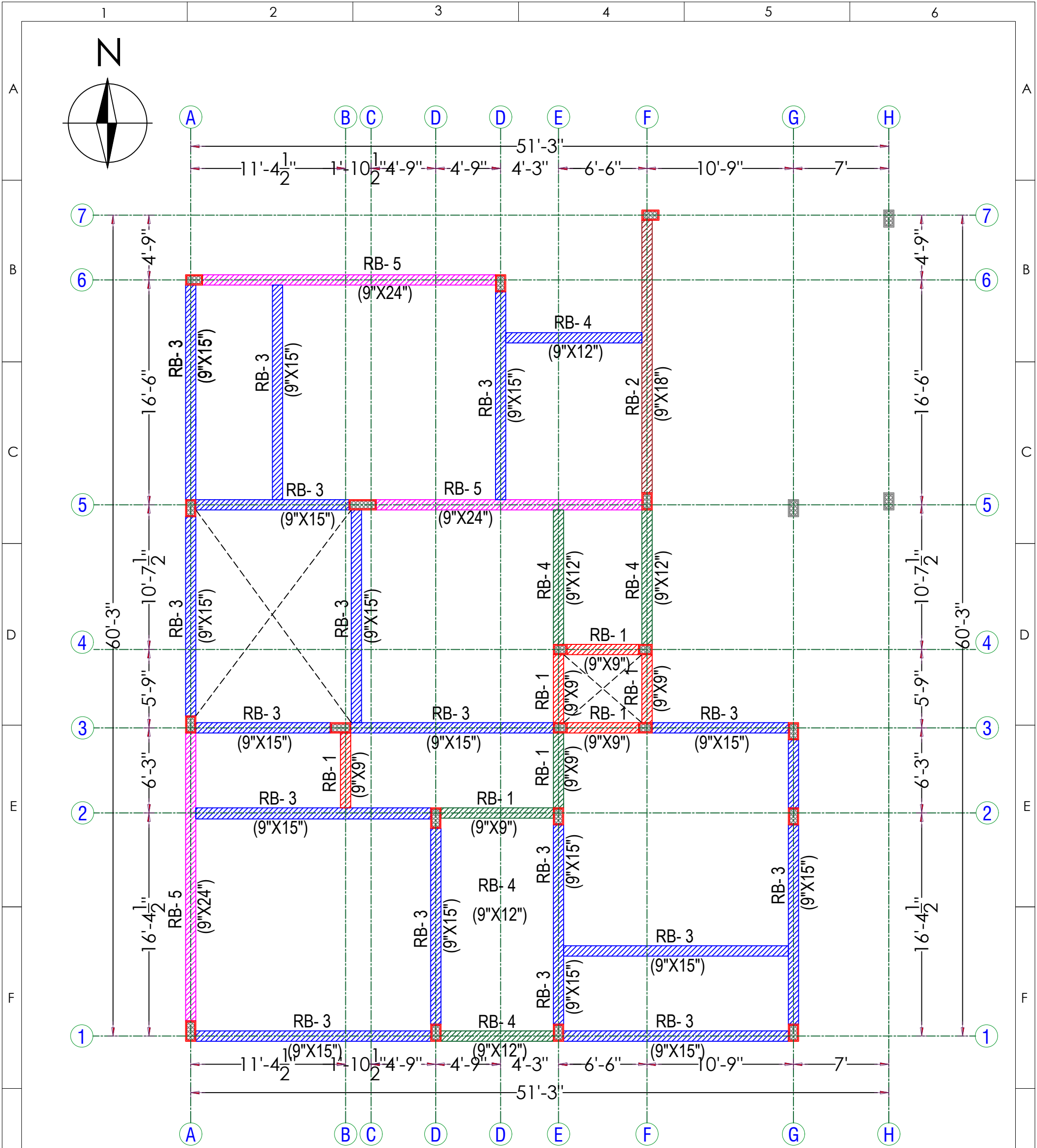




Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone. (Kalapatti Detailed Development Plan No - 18)

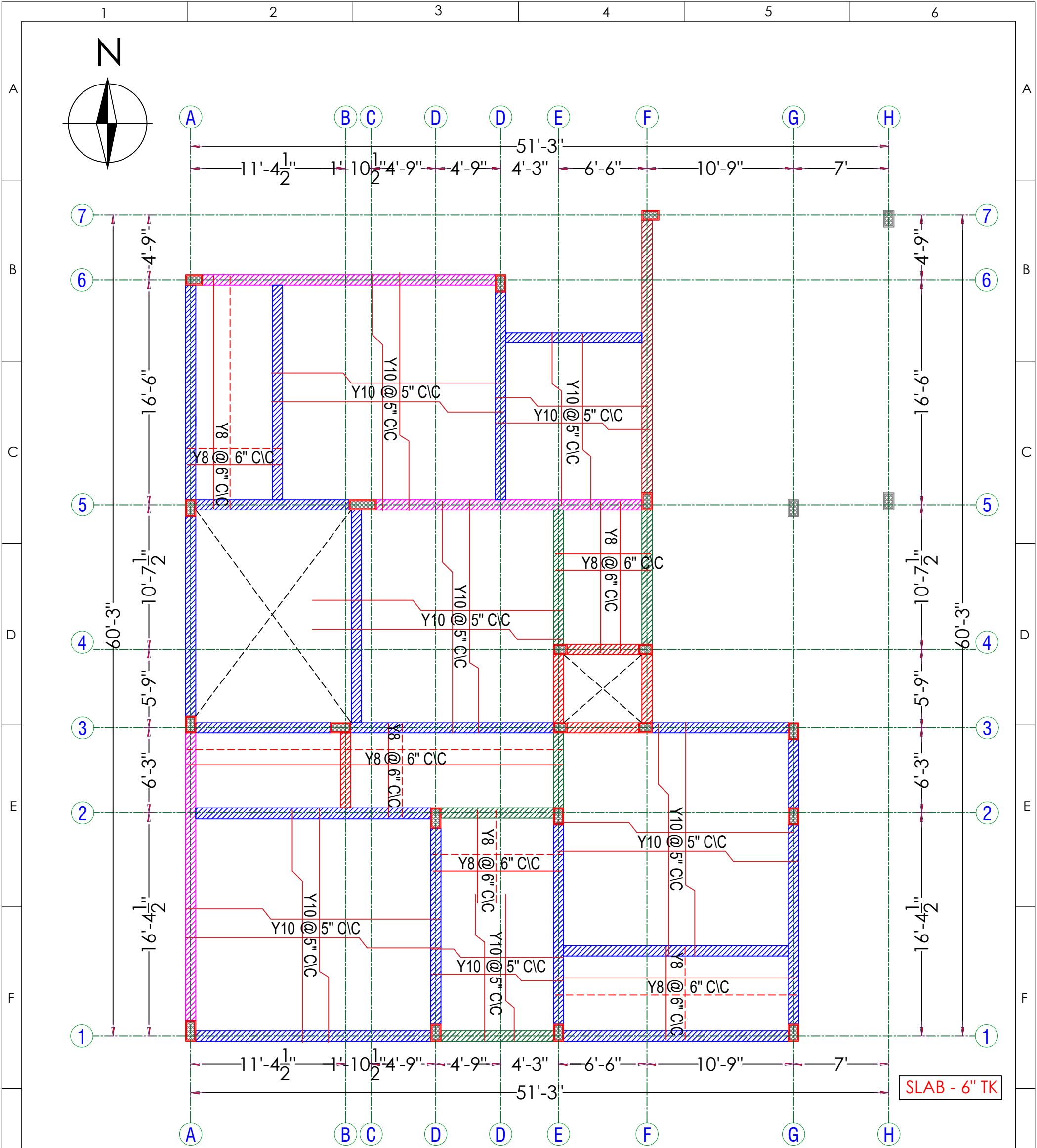
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |
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| H | <div>REFERENCE:-</div> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></div> <div>LIVE LOAD :- 2 kN/M<sup>2</sup></div> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <div>DRAWN AND DESIGN: BHARATHI.R</div> <div>DATE: 26-10-2024 CHD: BALAJI.M</div> <div>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details.</div> <div>TITLE: COLUMN AXIS LAYOUT &amp; DETAILS.</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)</div> <div>STRUCTURAL CONSULTANT:-<br/>Er.BALAJI.M.E.,(struct).,</div> <div></div> | H |
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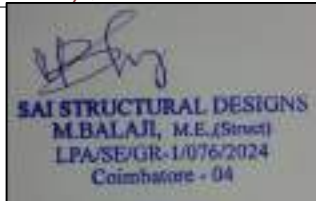


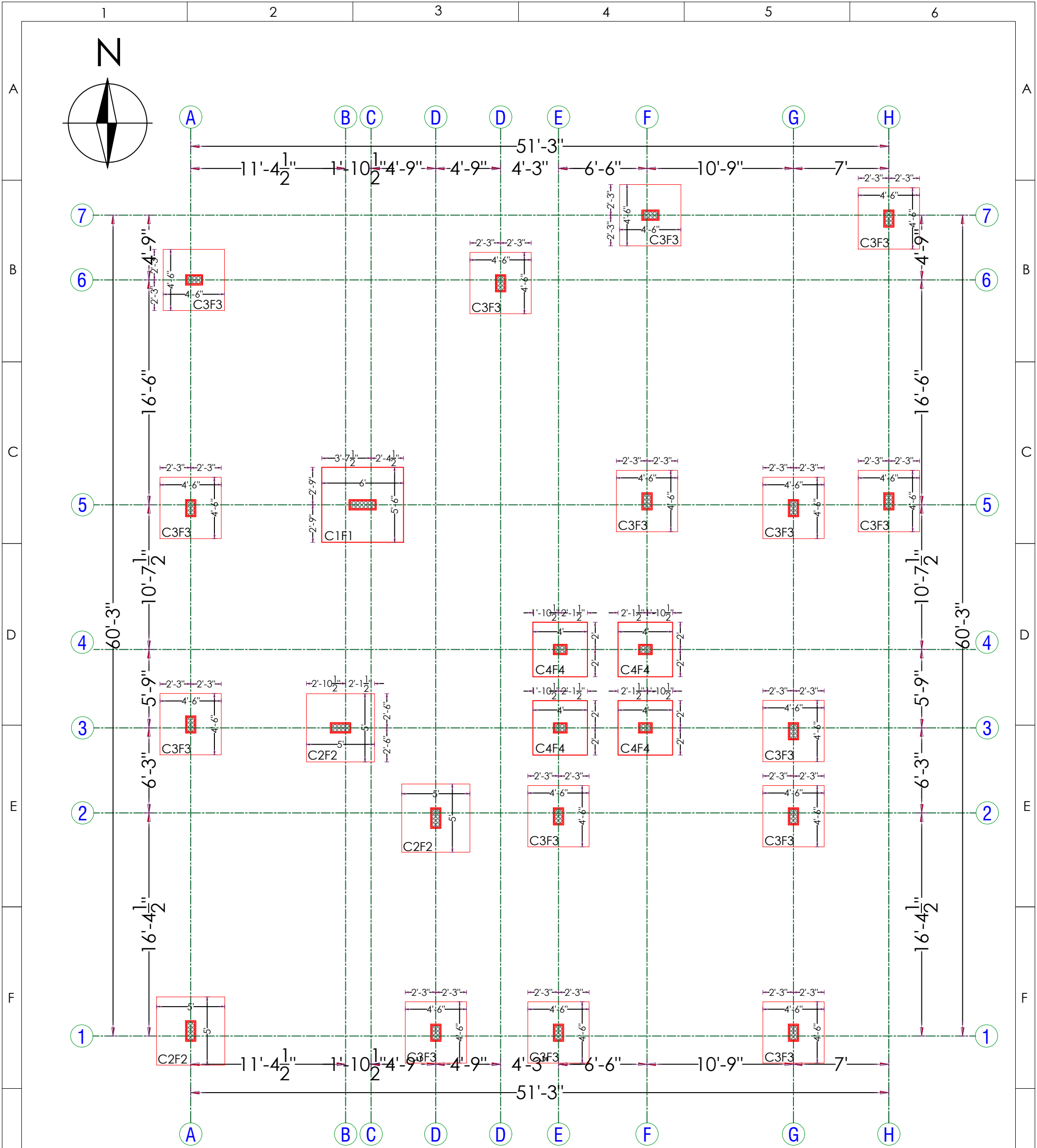
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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| H | <div>REFERENCE:-</div> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup></div> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAIING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <div>DRAWN AND DESIGN:      BHARATHI.R</div> <div>DATE:      26-10-2024      CHD: BALAJI.M</div> <div>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details.</div> <div>TITLE: F.FLOOR ROOF BEAM LAYOUT</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)</div> <div>STRUCTURAL CONSULTANT:-<br/>Er.BALAJI.M.E.,(struct).,</div> <div></div> | H |
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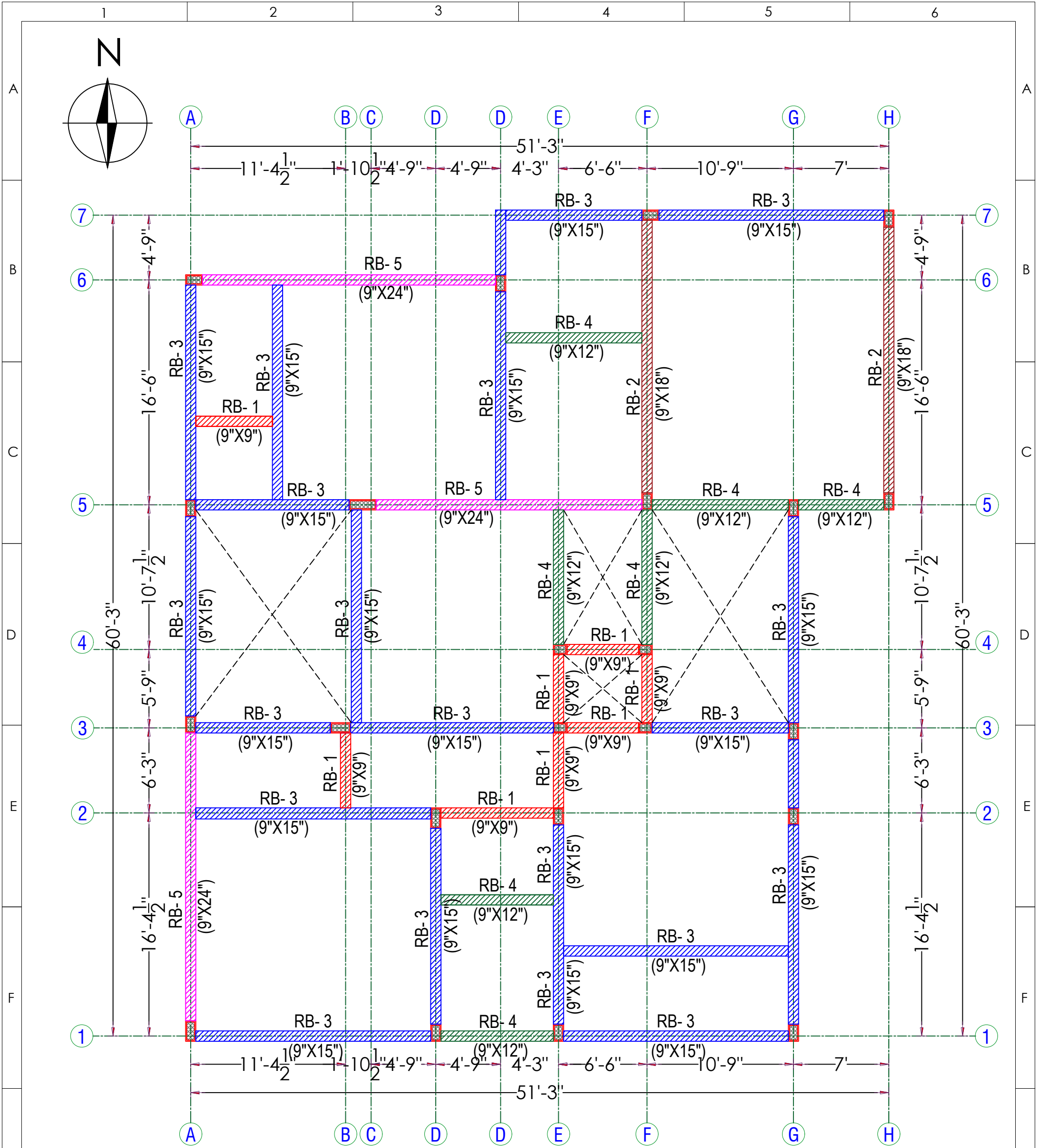
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                                                                       |   |                                                                                |  |   |
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |   | DATE: 26-10-2024 CHD: BALAJI.M                                                        |   | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details. |  |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   | TITLE: F.FLOOR ROOF SLAB LAYOUT                                                       |   |                                                                                |  |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)           |   |                                                                                |  |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   | STRUCTURAL CONSULTANT:-                                                               |   | Er.BALAJI.M.E.,(struct).,                                                      |  |   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |  |   |                                                                                |  |   |
|   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4 | 5                                                                                     | 6 |                                                                                |  |   |



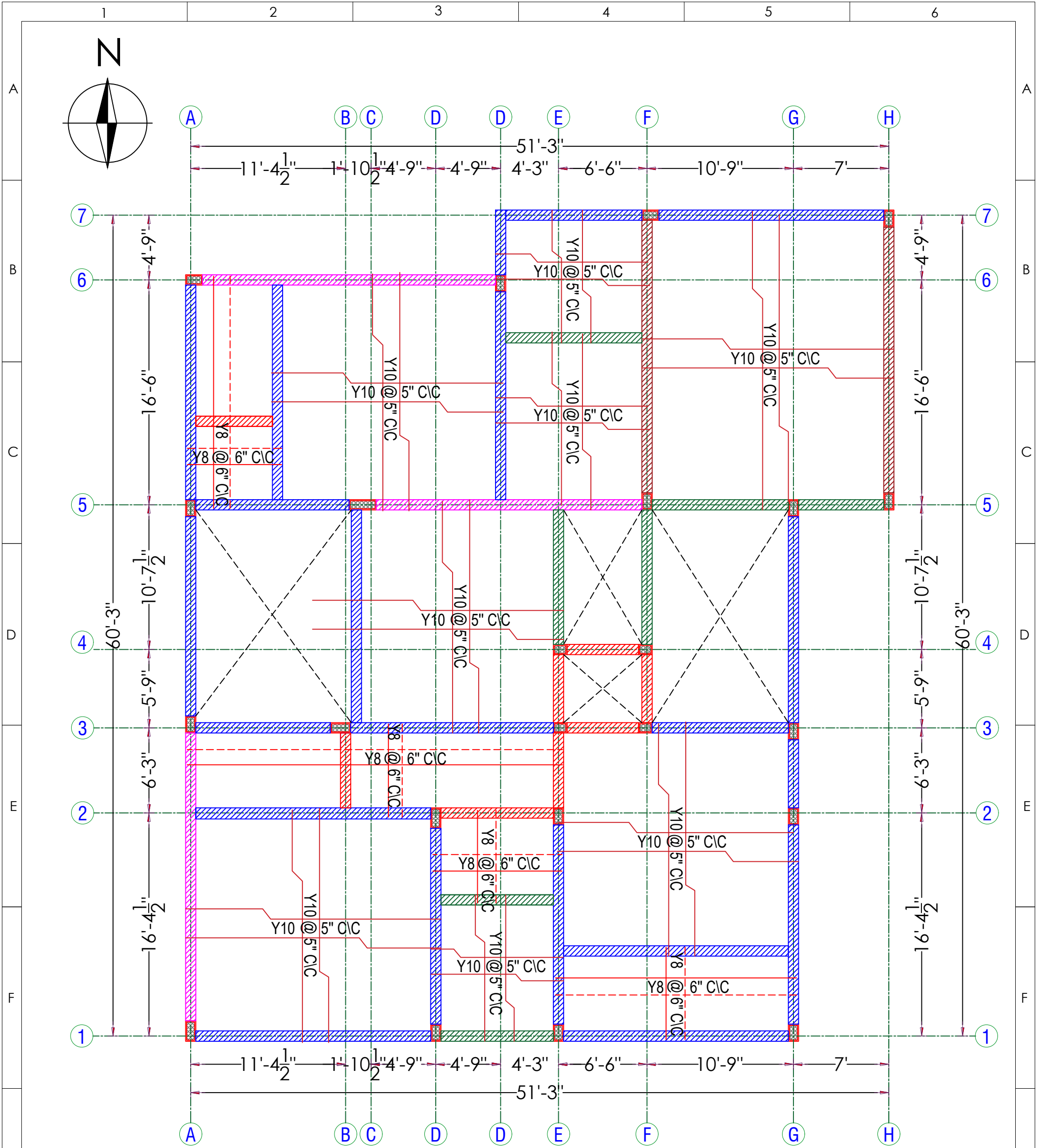
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |   |                                                                                                                                                                                                                                         |  |
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |   |                                  |   | DATE: 26-10-2024 CHD: BALAJI.M<br>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details.                                                                                                                        |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |   | TITLE: FOOTING LAYOUT & DETAILS.                                                                                                                                                                                                        |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |   | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)<br>STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,<br><div></div> |  |
|   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4 | 5                                | 6 |                                                                                                                                                                                                                                         |  |

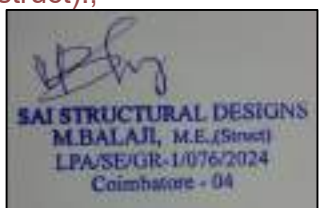


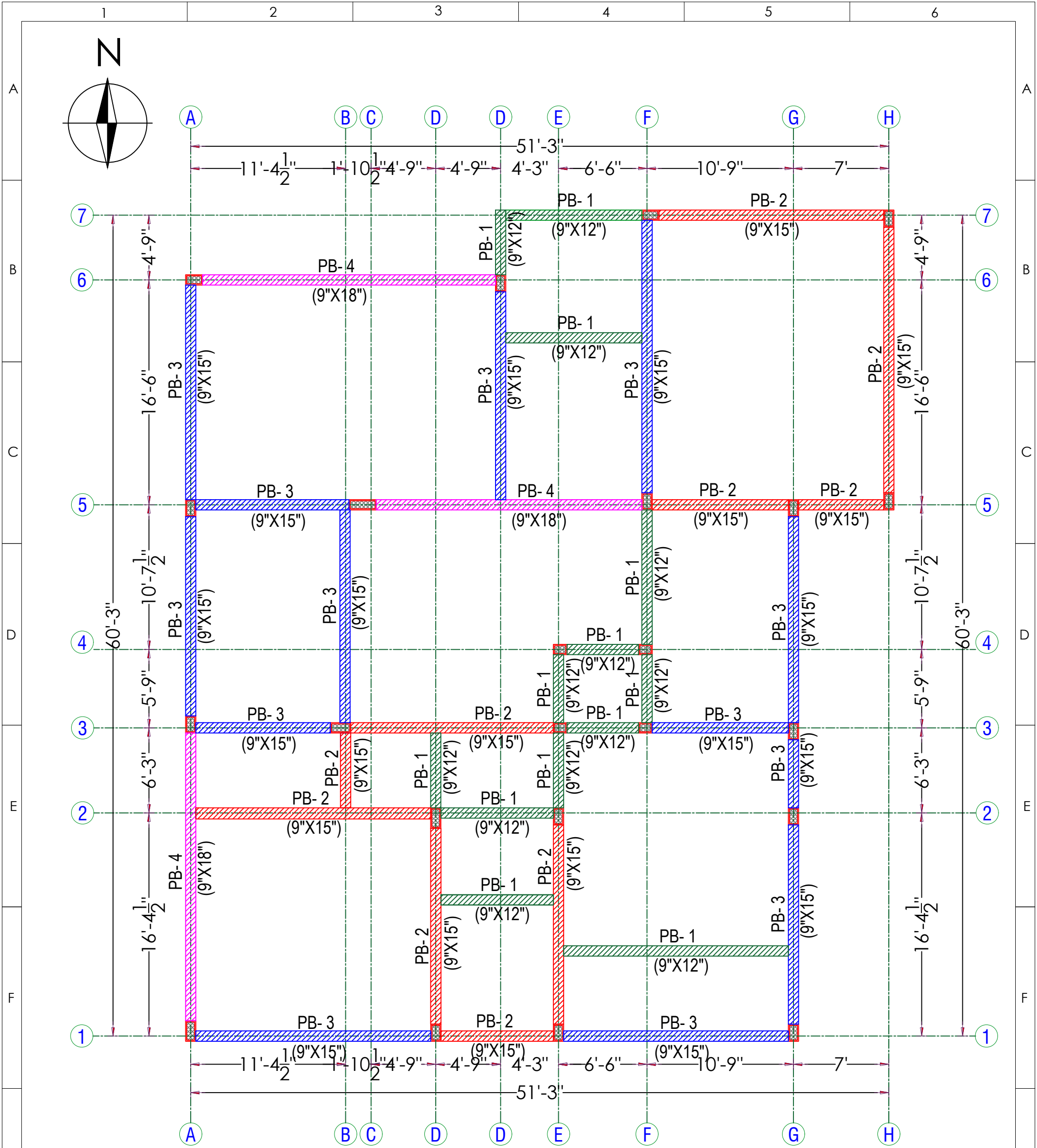
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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| H | REFERENCE:- <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup> LIVE LOAD :- 2 kN/M <sup>2</sup>                                                                               | DRAWN AND DESIGN:      BHARATHI.R |
|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAIING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   | DATE:    26-10-2024      CHD:    BALAJI.M<br>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details.                                   |                                   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>TITLE: G.FLOOR ROOF BEAM LAYOUT</b>                                                                                                                        |                                   |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)</b><br><br>STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,<br><div></div> |                                   |

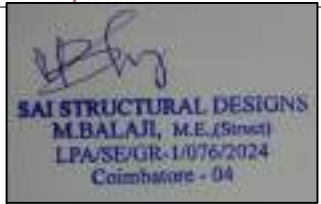


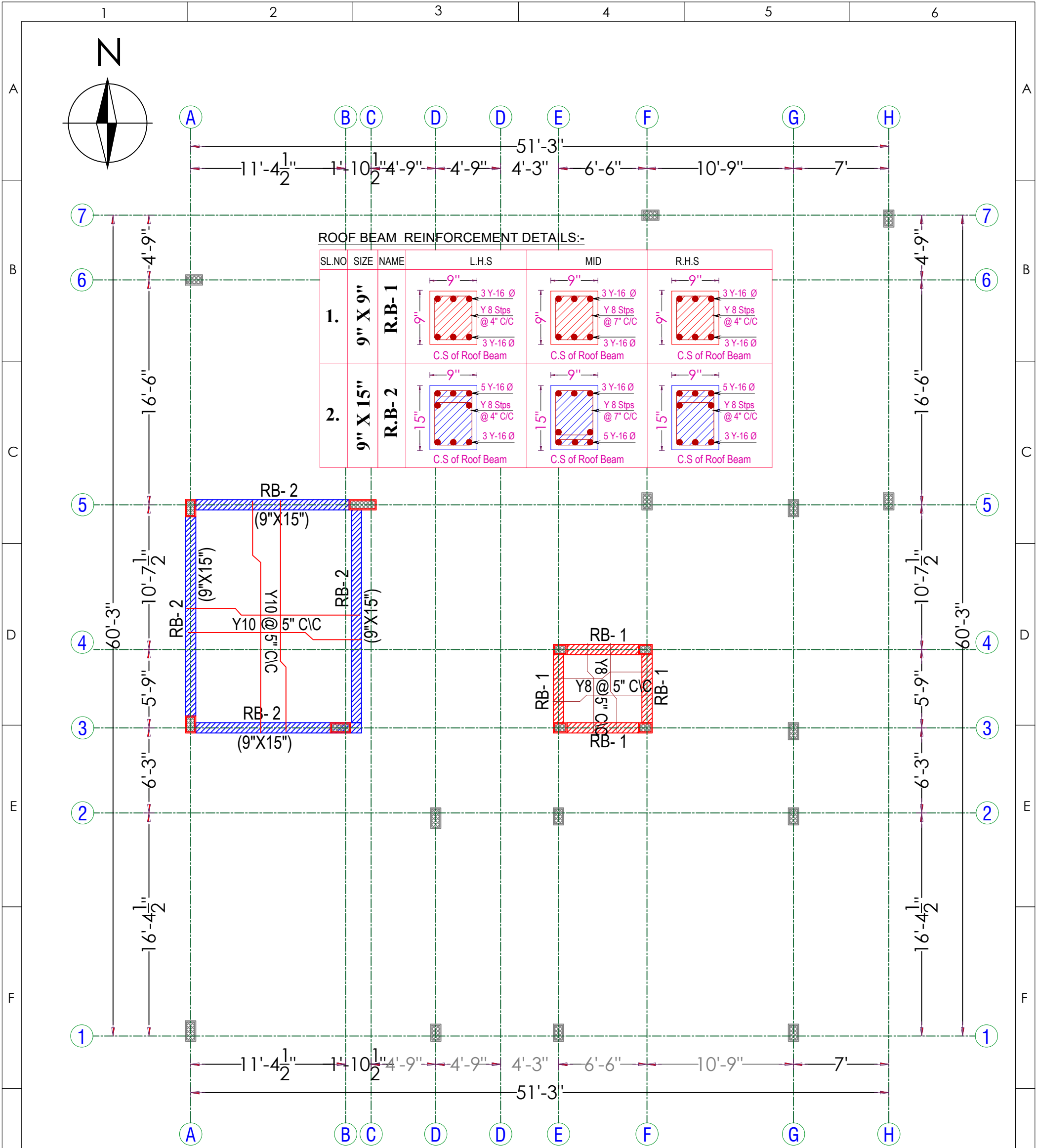
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 48)TK

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |   |                                                                                |                                                                                                                                                          |                              |   |  |   |  |
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|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   |   |                                                |   | DATE: 26-10-2024                                                               |                                                                                                                                                          | CHD: BALAJI.M                |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |   | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details. |                                                                                                                                                          |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |   | TITLE: G.FLOOR ROOF SLAB LAYOUT                                                |                                                                                                                                                          |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |   |                                                                                | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)                                                                              |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |   |                                                                                | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,<br><div></div> |                              |   |  |   |  |
| 1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 |                                                | 3 |                                                                                | 4                                                                                                                                                        |                              | 5 |  | 6 |  |



Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                |                                                                                       |                                  |   |                              |   |   |   |  |
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|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   |   | DATE: 26-10-2024                                                               |                                                                                       | CHD: BALAJI.M                    |   |                              |   |   |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 108/ Full Structural Layout And Details. |                                                                                       |                                  |   |                              |   |   |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | TITLE: FOOTING LAYOUT & DETAILS.                                               |                                                                                       |                                  |   |                              |   |   |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)           |                                  |   |                              |   |   |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct).,                                  |                                  |   |                              |   |   |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                |  |                                  |   |                              |   |   |   |  |
| 1 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 |                                                                                | 3                                                                                     |                                  | 4 |                              | 5 |   | 6 |  |



Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5C, 397/2A3C. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

REFERENCE:-

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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
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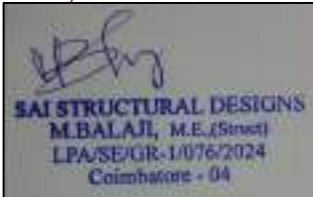
DRAWN AND DESIGN: BHARATHI.R

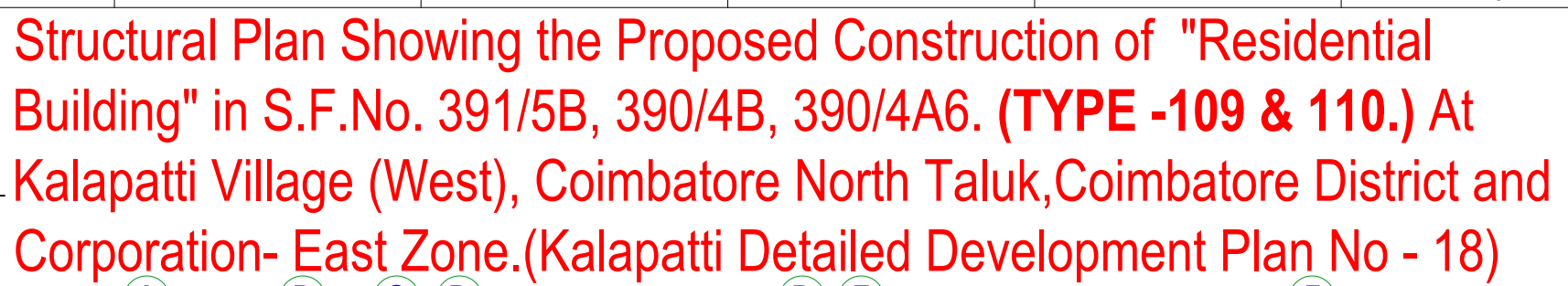
DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T08/ Full Structural Layout And Details.

**TITLE: S.F.LOOR R.BEAM,SLAB LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -108)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/M}^2$

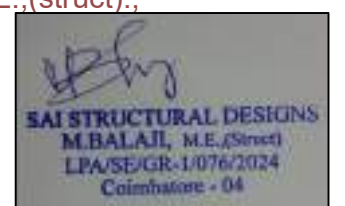
- DRAWN AND DESIGN: BHARATHI R

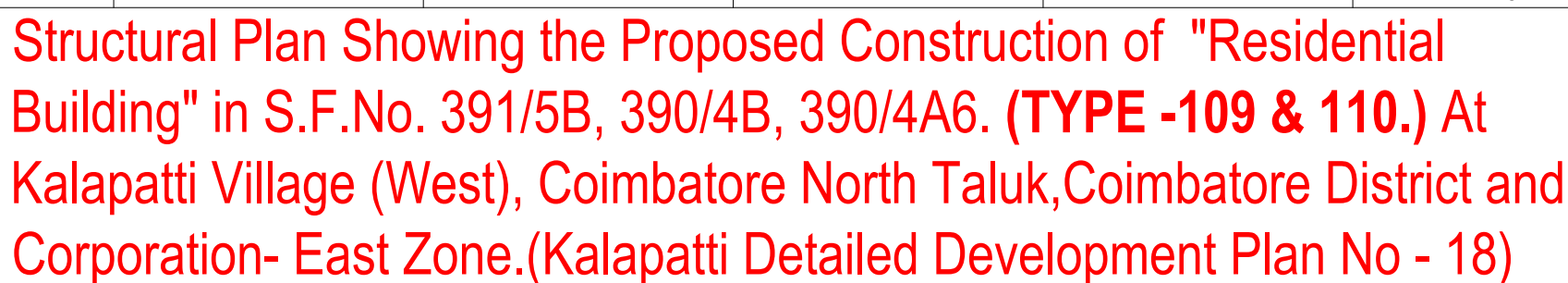
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| DATE: 26-10-2024                                                                        | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 & 110/<br>Full Structural Layout And Details. |               |

**TITLE: COLUMN AXIS LAYOUT & DETAILS.**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct)..**





- |                                                |                                  |
|------------------------------------------------|----------------------------------|
| SOIL REPORT :- S.B.C. 331.50 kN/M <sup>2</sup> | LIVE LOAD :- 2 kN/M <sup>2</sup> |
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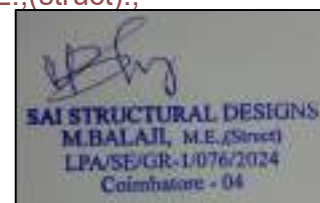
- DRAWN AND DESIGN: BHARATHI.R

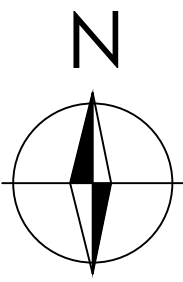
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| DATE: 26-10-2024                                                                        | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 & 110/<br>Full Structural Layout And Details. |               |

**TITLE: F.FLOOR ROOF BEAM LAYOUT**

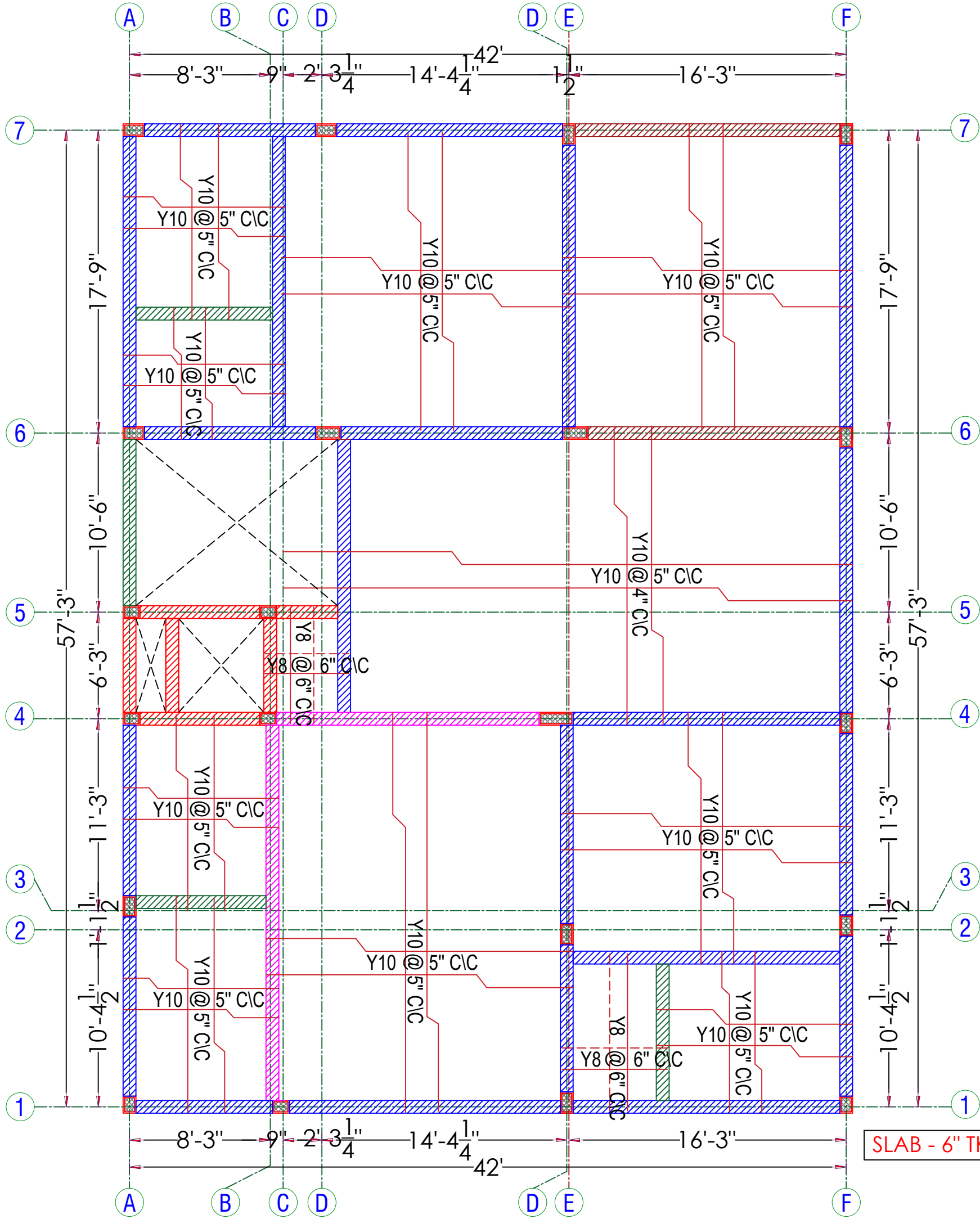
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E..(struct)..**





Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 390/4B, 390/4A6. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



REFERENCE:-

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SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :- 2 kN/M<sup>2</sup>

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DRAWN AND DESIGN: BHARATHI.R

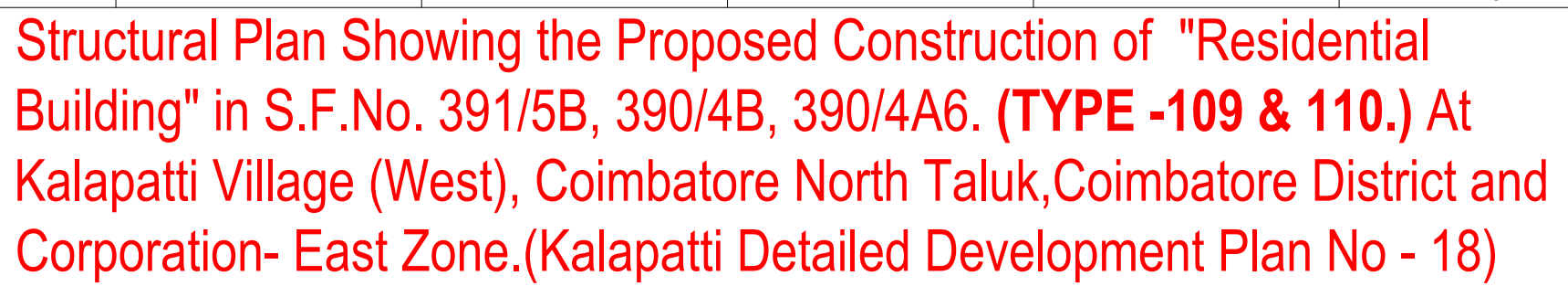
DATE: 26-10-2024 CHD: BALAJI.M  
Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T09 & T10/  
Full Structural Layout And Details.

**TITLE: F.FLOOR ROOF SLAB LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

- DRAWN AND DESIGN: BHARATHI.R

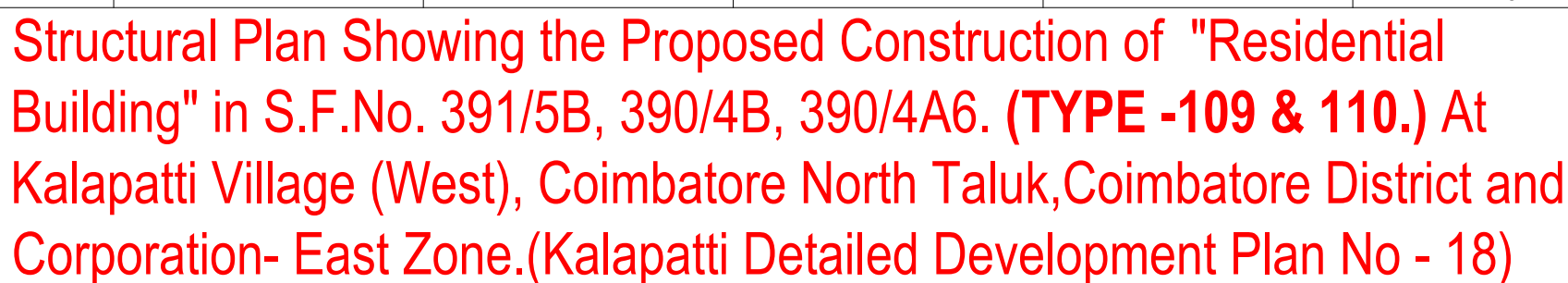
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| DATE: 26-10-2024                                                                        | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 & 110/<br>Full Structural Layout And Details. |               |

**TITLE: FOOTING LAYOUT & DETAILS.**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E.,(struct)..**





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

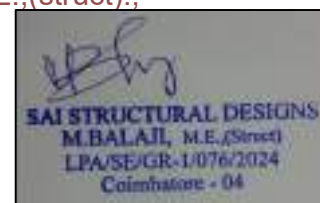
- DRAWN AND DESIGN: BHARATHI.R

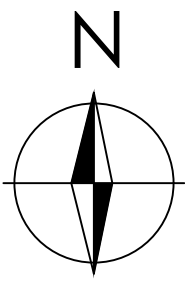
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| DATE: 26-10-2024                                                                        | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 & 110/<br>Full Structural Layout And Details. |               |

**TITLE: G.FLOOR ROOF BEAM LAYOUT**

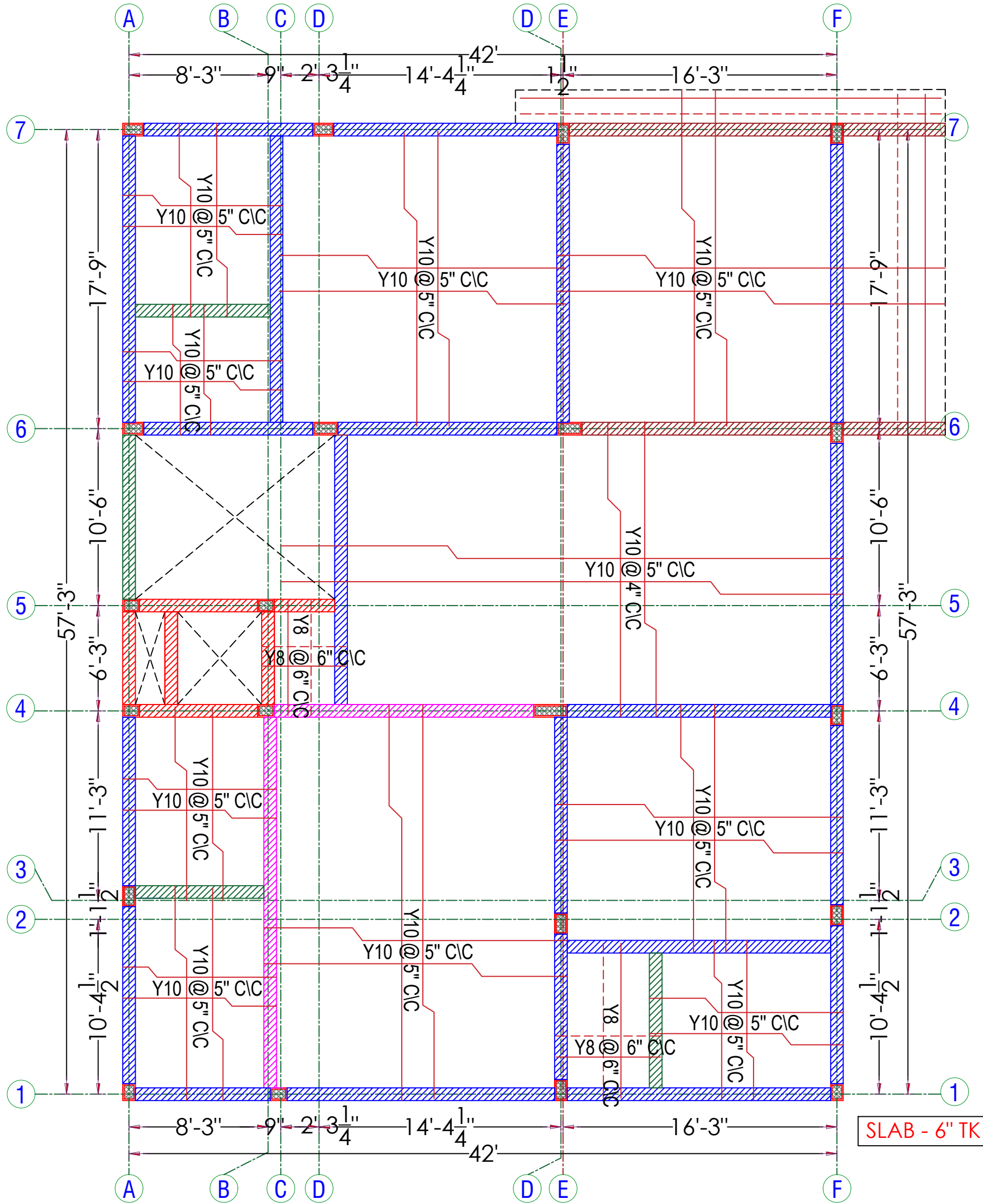
**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

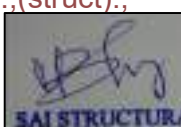
**STRUCTURAL CONSULTANT:-**  
**Er.BALAJI.M.E..(struct)..**

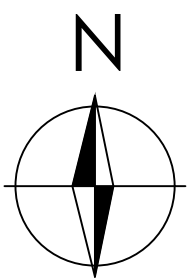




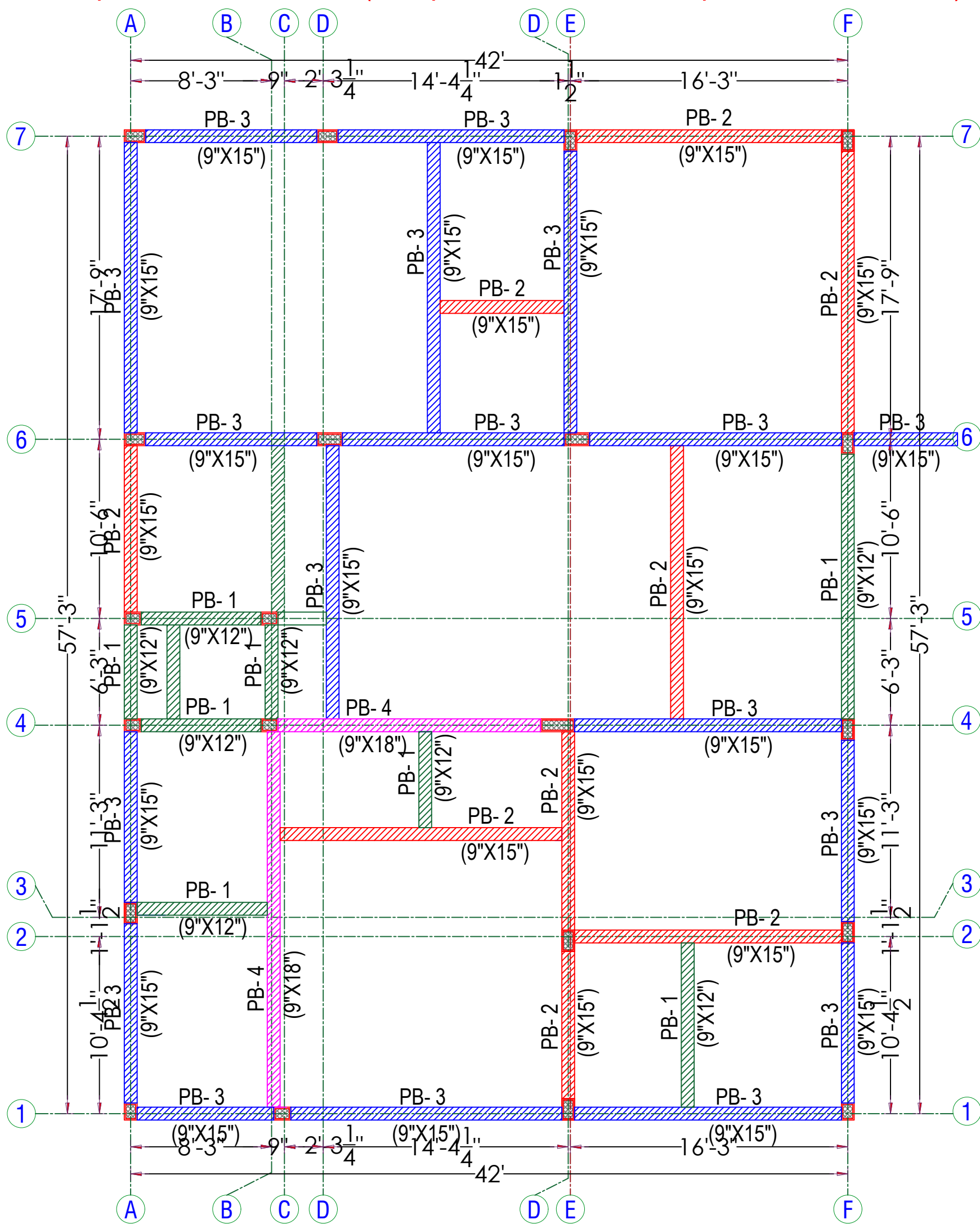
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 390/4B, 390/4A6. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



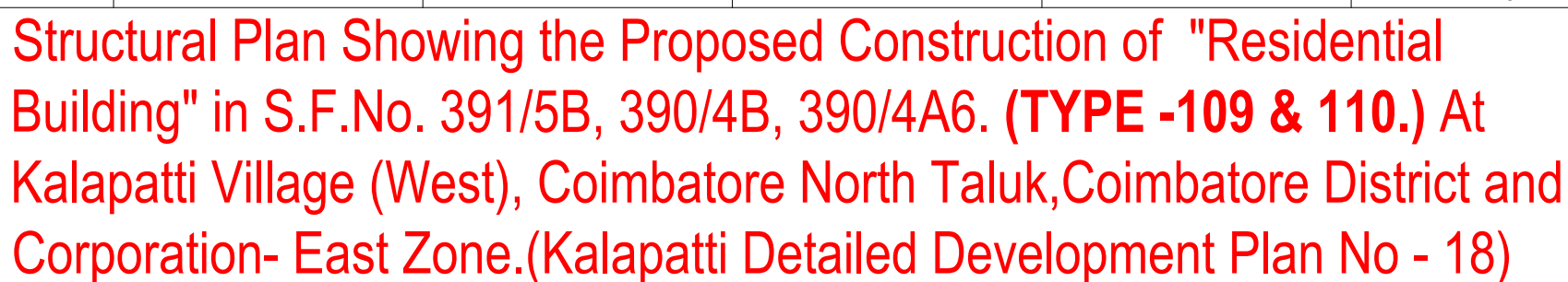
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| <p>REFERENCE:-</p> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <p>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup></p> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <p>DRAWN AND DESIGN: BHARATHI.R</p> <p>DATE: 26-10-2024      CHD: BALAJI.M</p> <p>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE T09 &amp; T10/ Full Structural Layout And Details.</p> <p><b>TITLE: G.FLOOR ROOF SLAB LAYOUT</b></p> <p><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -109 &amp;110)</b></p> <p>STRUCTURAL CONSULTANT:- Er.BALAJI.M.E.,(struct),</p> <div><p>SAI STRUCTURAL DESIGNS<br/>M.BALAJI, M.E.(Struct)<br/>LPA/SE/GR-1/076/2024<br/>Coimbatore - 04</p></div> |
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 391/5B, 390/4B, 390/4A6. (TYPE -109 & 110.) At Kalapatti Village (West), Coimbatore North Taluk, Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <p>REFERENCE:-</p> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <p>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>      LIVE LOAD :- 2 kN/M<sup>2</sup></p> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <p>DRAWN AND DESIGN: BHARATHI.R</p> <p>DATE: 26-10-2024      CHD: BALAJI.M</p> <p>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 &amp; 110/ Full Structural Layout And Details.</p> <p><b>TITLE: PLINTH BEAM LAYOUT</b></p> <p><b>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -109 &amp;110)</b></p> <p>STRUCTURAL CONSULTANT:-<br/>Er.BALAJI.M.E.,(struct),</p> <div data-bbox="1648 2694 1942 2893"></div> |
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- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

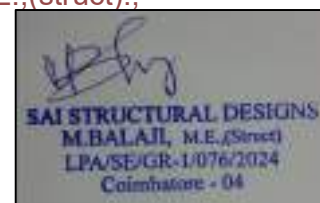
- DRAWN AND DESIGN: BHARATHI.R

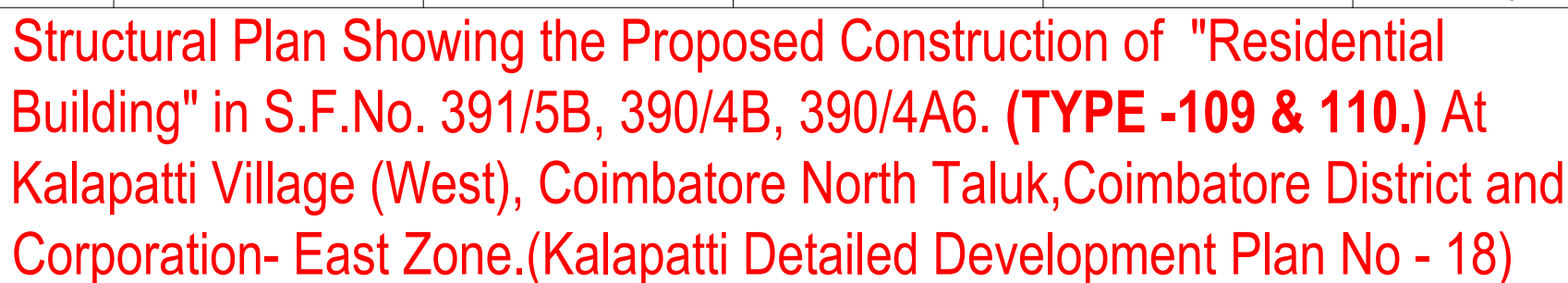
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| DATE: 26-10-2024                                                                        | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 & 110/<br>Full Structural Layout And Details. |               |

**TITLE: T.FLOOR ROOF BEAM LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





- SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup>

LIVE LOAD :-  $2 \text{ kN/m}^2$

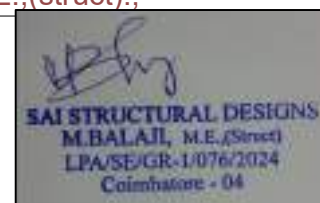
- DRAWN AND DESIGN: BHARATHI.R

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| DATE: 26-10-2024                                                                        | CHD: BALAJI.M |
| Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 109 & 110/<br>Full Structural Layout And Details. |               |

**TITLE: T.FLOOR ROOF BEAM LAYOUT**

**PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL  
PROJECT AT KALAPATTI. (TYPE -109 &110)**

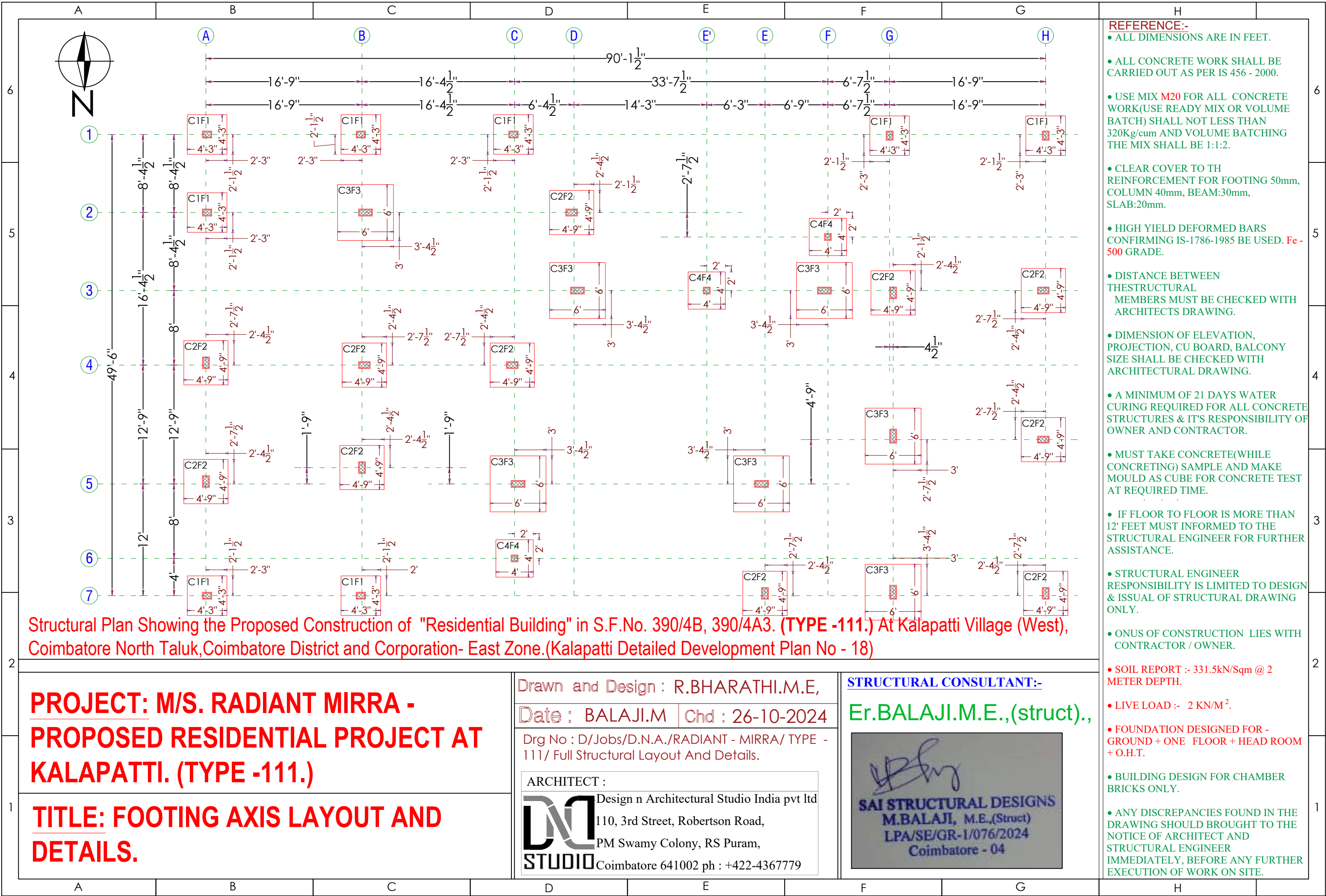
STRUCTURAL CONSULTANT:-  
Er.BALAJI.M.E.,(struct).,





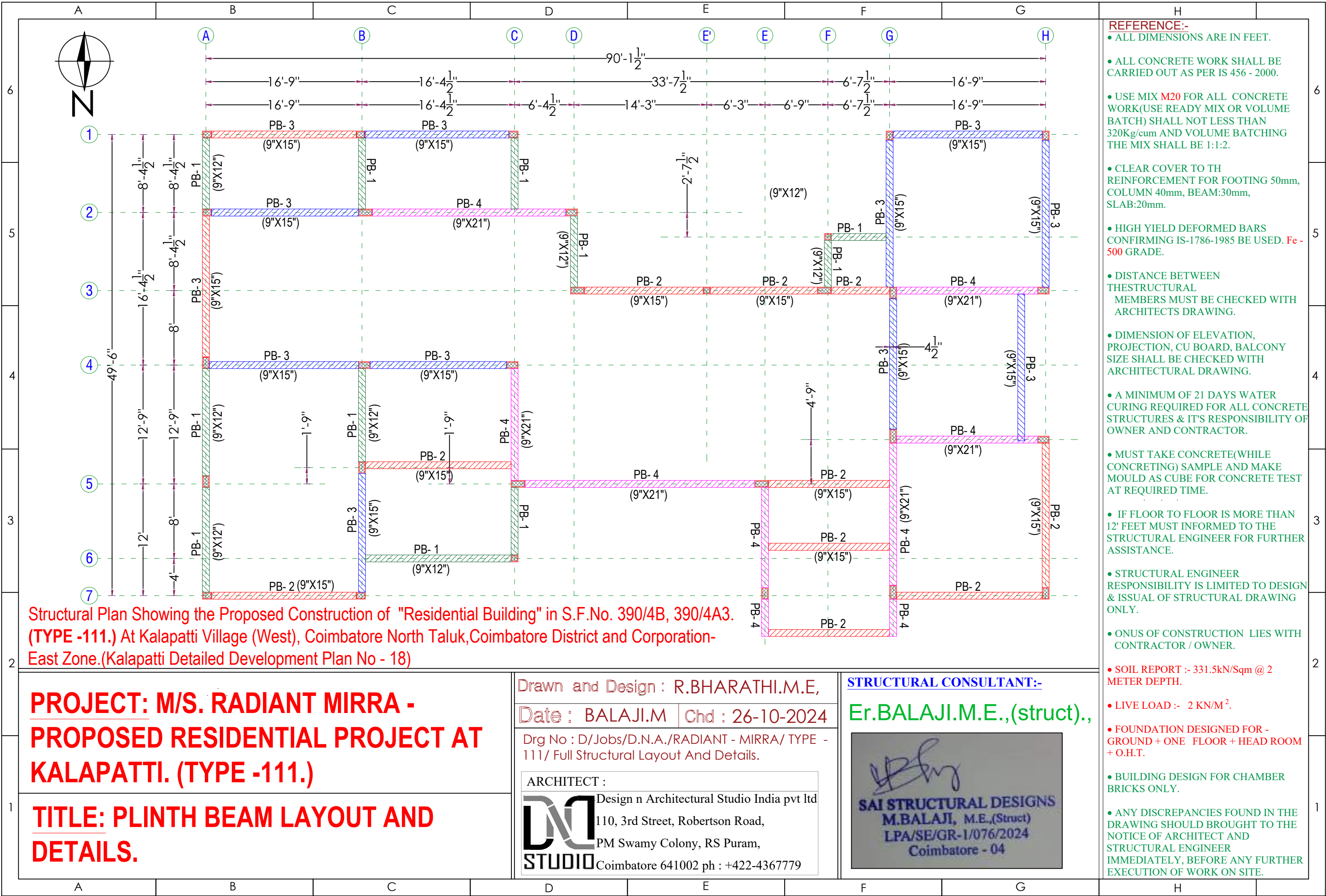




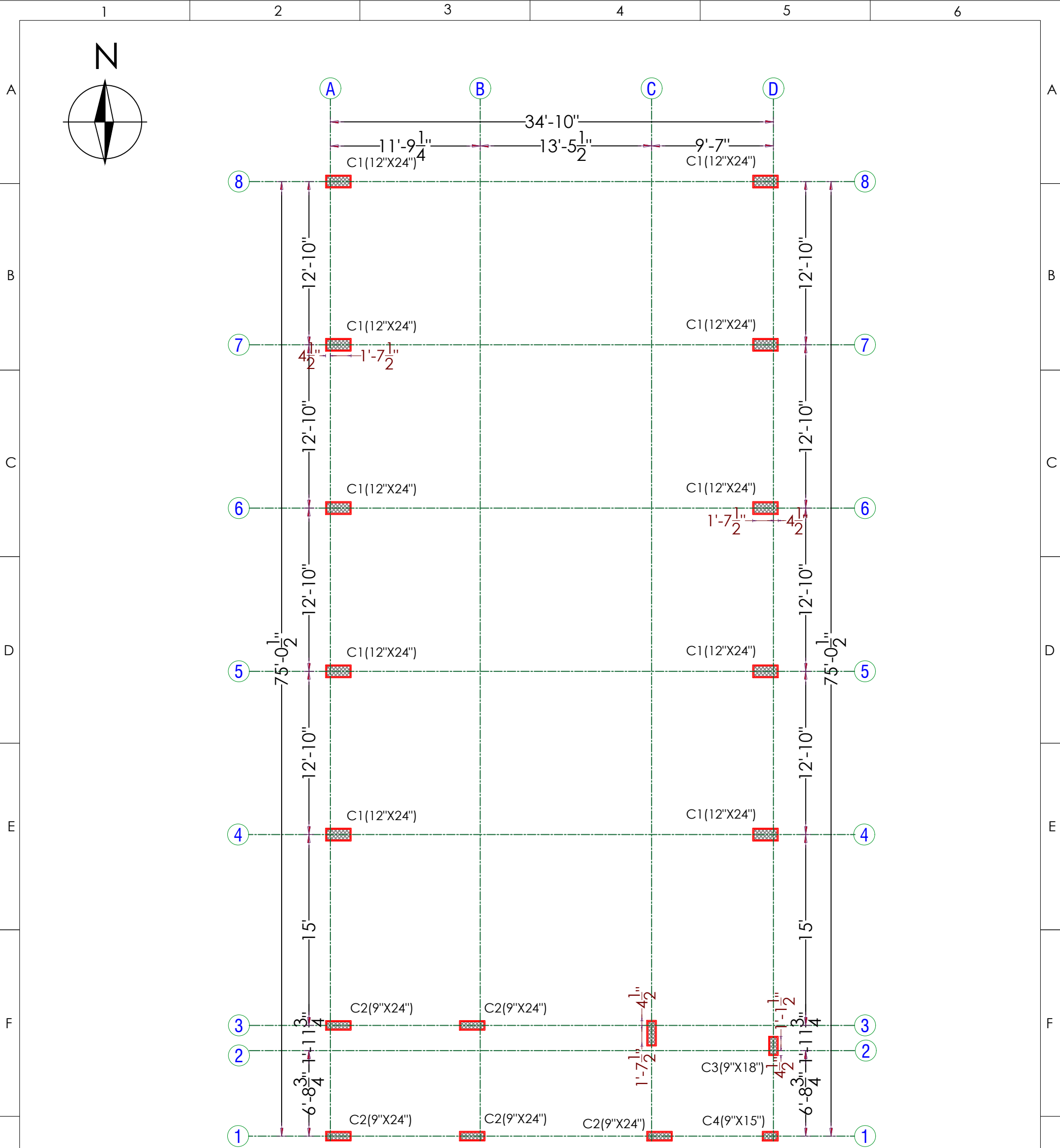








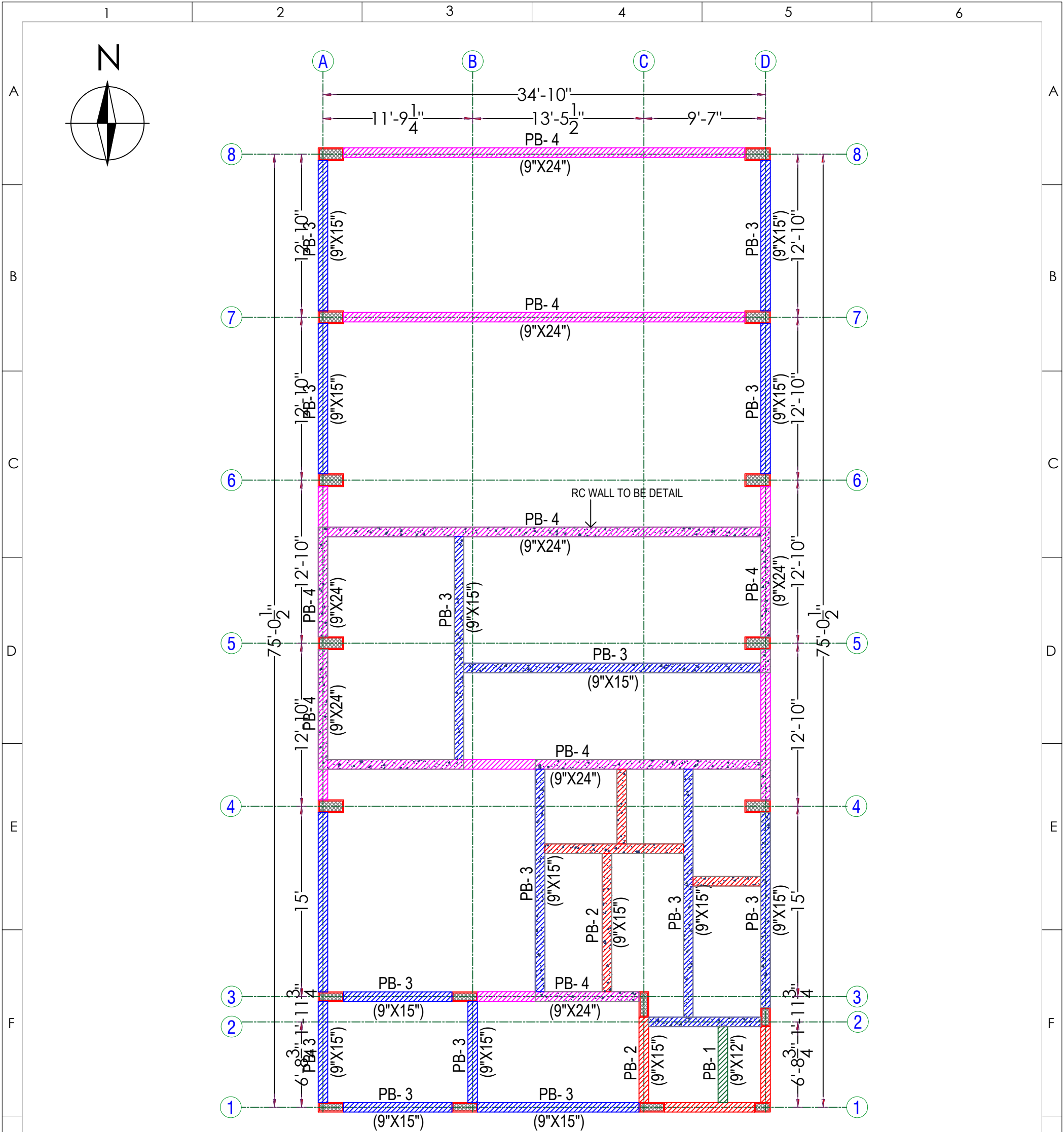




Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/1A1A.(TYPE -112.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

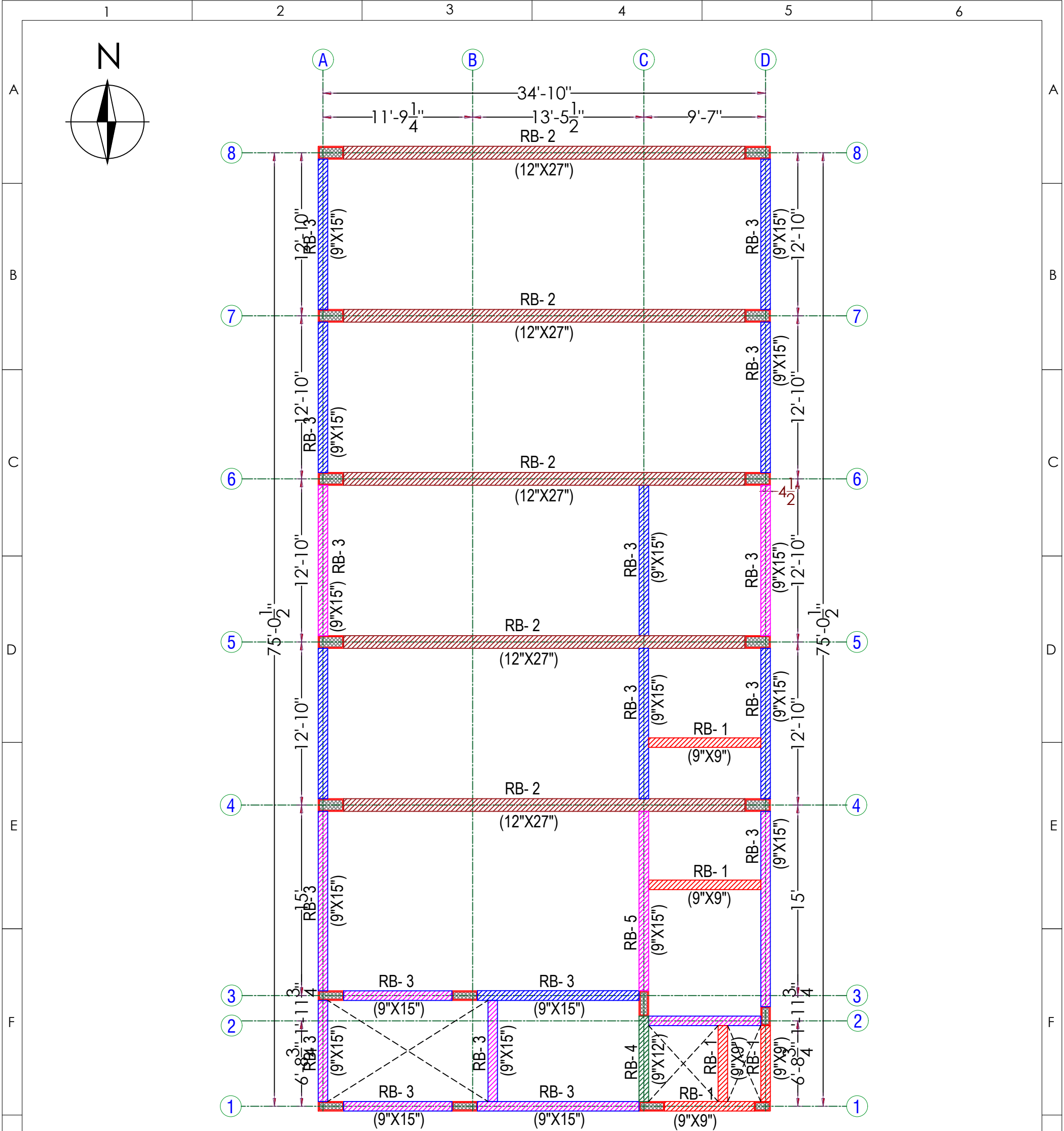
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| H | <u>REFERENCE:-</u> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> |   | <u>SOIL REPORT :-</u> S.B.C. 331.50 kN/M <sup>2</sup> <u>LIVE LOAD :-</u> 2 kN/M <sup>2</sup>                                                                |   | <u>DRAWN AND DESIGN:</u> BHARATHI.R |  |
|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                          |   | DATE:    26-10-2024      CHD:    BALAJI.M                                                                                                                    |   |                                     |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 112/ Full Structural Layout And Details.                                                                               |   |                                     |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | <b><u>TITLE: COLUMN AXIS LAYOUT &amp; DETAILS.</u></b>                                                                                                       |   |                                     |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | <b><u>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -112)</u></b>                                                                    |   | H                                   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | <u>STRUCTURAL CONSULTANT:-</u><br>Er.BALAJI.M.E.,(struct)., <div></div> |   |                                     |  |
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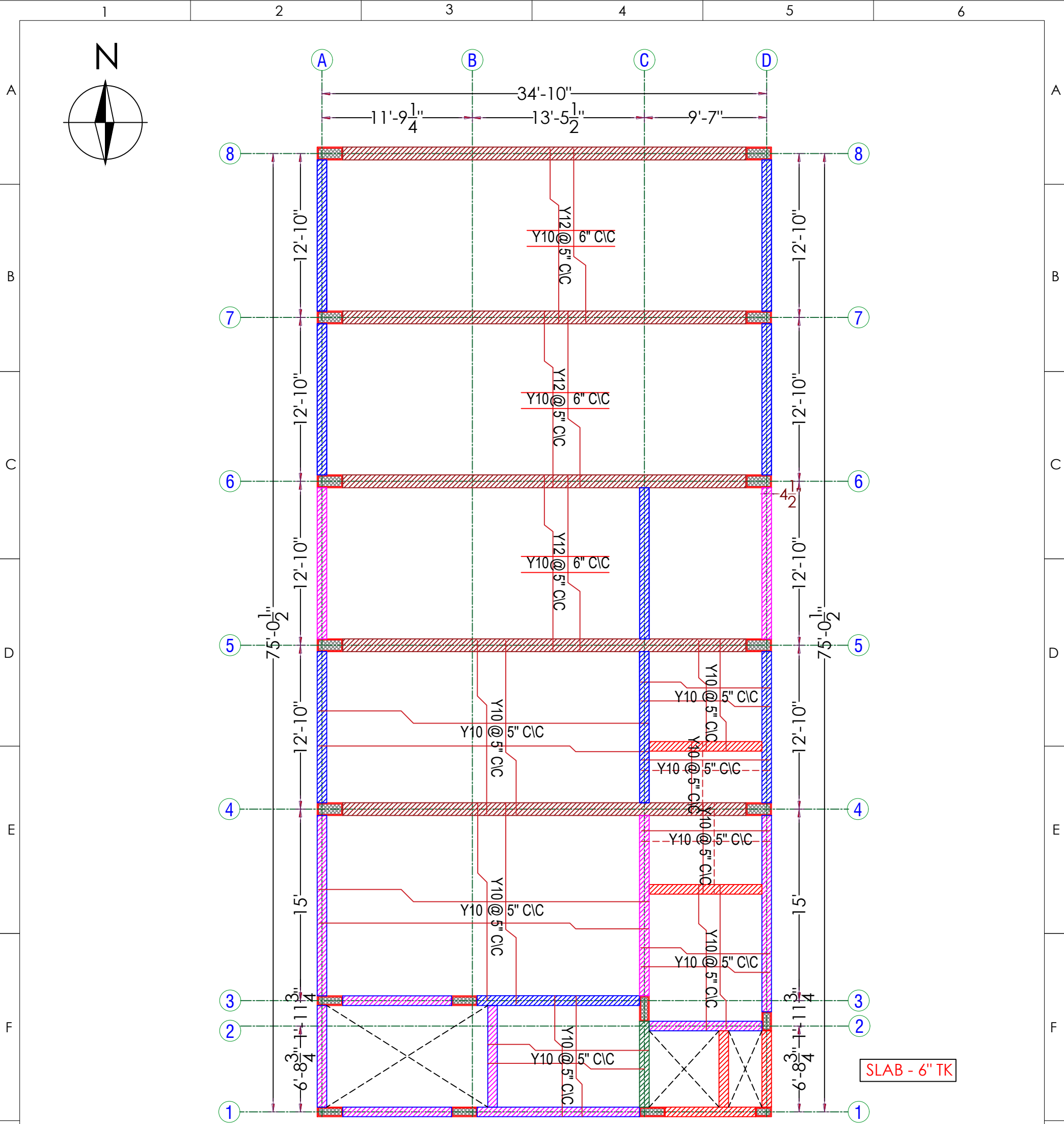
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/1A1A.(TYPE -112.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |                                                                                       |                                                                                |   |  |   |  |
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> |   |                                  |                                                                                       | DATE: 26-10-2024 CHD: BALAJI.M                                                 |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |                                                                                       | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 112/ Full Structural Layout And Details. |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |                                                                                       | TITLE: PLINTH BEAM LAYOUT                                                      |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |                                                                                       | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -112)    |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  | STRUCTURAL CONSULTANT:-<br>Er.BALAJI.M.E.,(struct),                                   |                                                                                |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |                                  |  |                                                                                |   |  |   |  |
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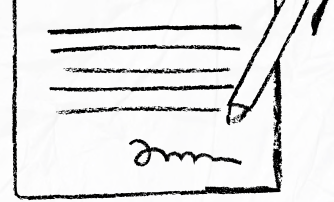
Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/1A1A.(TYPE -112.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |                         |                                                                                |                                                                                       |                              |   |  |   |  |
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|   | <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAIING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul>                                                                                   |   |                                                |                         | DATE: 26-10-2024                                                               |                                                                                       | CHD: BALAJI.M                |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |                         | Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 112/ Full Structural Layout And Details. |                                                                                       |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |                         | TITLE: TYPICAL FLOOR R.BEAM LAYOUT                                             |                                                                                       |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |                         | PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -112)    |                                                                                       |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                | STRUCTURAL CONSULTANT:- |                                                                                | Er.BALAJI.M.E.,(struct),                                                              |                              |   |  |   |  |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                |                         |                                                                                |  |                              |   |  |   |  |
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Structural Plan Showing the Proposed Construction of "Residential Building" in S.F.No. 396/1A1A.(TYPE -112.) At Kalapatti Village (West), Coimbatore North Taluk,Coimbatore District and Corporation- East Zone.(Kalapatti Detailed Development Plan No - 18)

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| H | <div>REFERENCE:-</div> <ul style="list-style-type: none"><li>ALL DIMENSIONS ARE IN FEET.</li><li>ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.</li><li>USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.</li><li>CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.</li><li>HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.</li><li>DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.</li><li>DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.</li><li>A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES &amp; IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.</li></ul> | <div>SOIL REPORT :- S.B.C. 331.50 kN/M<sup>2</sup></div> <div>LIVE LOAD :- 2 kN/M<sup>2</sup></div> <ul style="list-style-type: none"><li>MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.</li><li>IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.</li><li>STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN &amp; ISSUAL OF STRUCTURAL DRAWING ONLY.</li><li>ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.</li><li>FOUNDATION DESIGNED FOR-GROUND FLOOR+TWO FLOORS+ OHT.</li><li>BUILDING DESIGN FOR POROTHOM BLOCKS AND FLY ASH BRICKS ONLY.</li><li>ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.</li></ul> | <div>DRAWN AND DESIGN: BHARATHI.R</div> <div>DATE: 23-10-2024 CHD: BALAJI.M</div> <div>Drg No : D/Jobs/RADIANT - MIRRA/ TYPE 112/ Full Structural Layout And Details.</div> <div>TITLE: STILT FLOOR ROOF SLAB LAYOUT</div> <div>PROJECT: M/S. RADIANT MIRRA - RESIDENTIAL PROJECT AT KALAPATTI. (TYPE -112)</div> <div>STRUCTURAL CONSULTANT:-</div> <div>Er.BALAJI.M.E.,(struct),</div> <div></div> | H |
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our services doesn't just end there



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



### **Legal & Documentation Services**

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.



### **Property Development & Approvals**

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



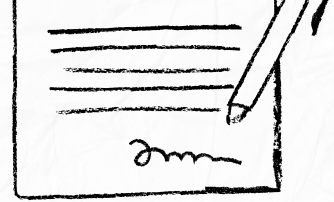
### **NRI & Investment Services**

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management



### **Compliance & Special Services**

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



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### **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



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### **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**

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### **Vastu & Property Management Tools**

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