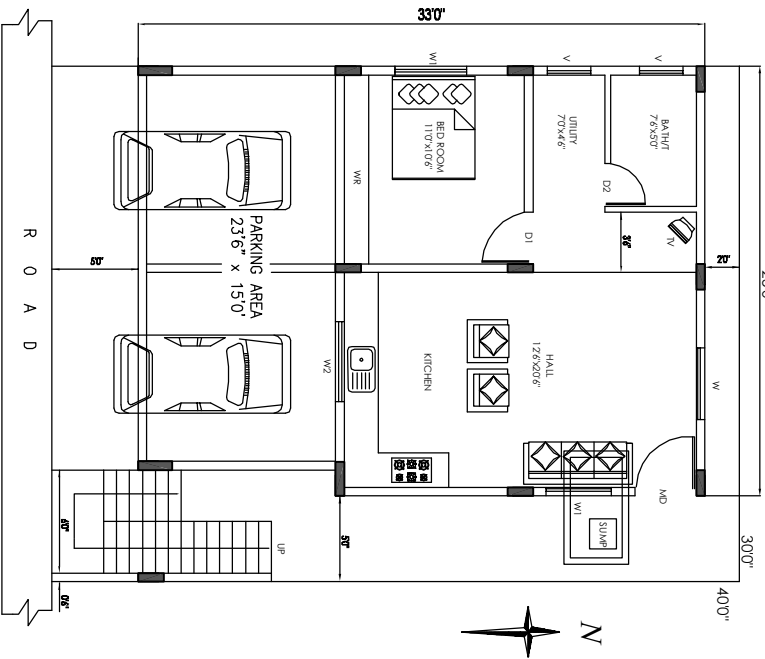
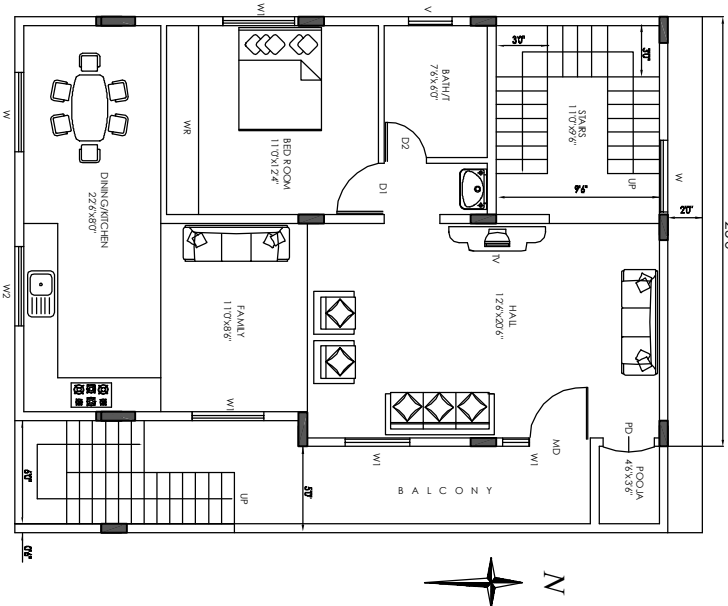




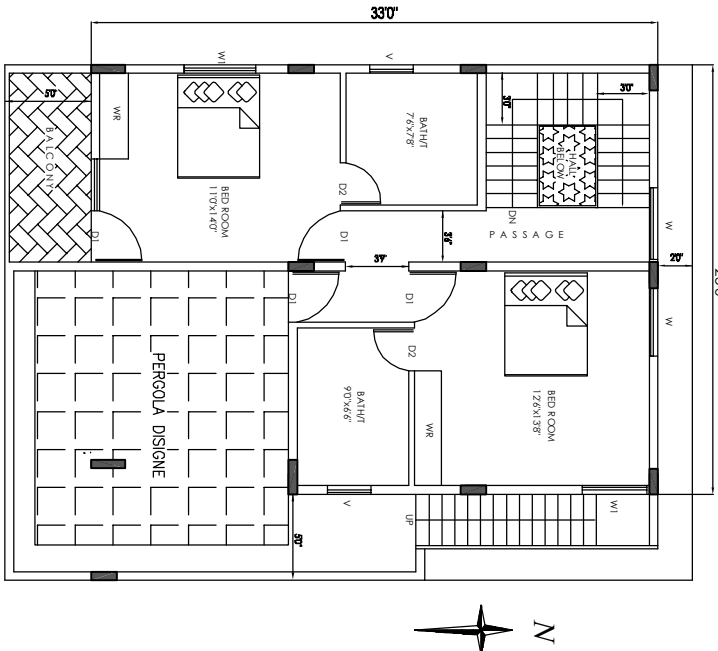
PRO. GROUND FLOOR PLAN

| SCHEDULE OF JOINERY                                                                                                                                              | AREA STATEMENT           | OWNER NAME                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOORS :<br>MD - 3'6" x 7'0"<br>D1 - 3'0" x 7'0"<br>D2 - 2'6" x 7'0"<br>W - 5'0" x 4'0"<br>W1 - 4'0" x 4'0"<br>W2 - 4'0" x 2'6"<br>VENTILATOR:<br>V - 3'0" x 2'0" | SITE AREA - 1200.000 SH. | Sri. Manjula                                                                                                                                                   |
|                                                                                                                                                                  | SCHEDULE OF PROPERTY     | DESIGNER :<br><b>Suman Enterprises</b><br>Designer, Engineers, Estimators,<br>HSE Officer, Inspection, Engineer - 72,<br>MBA, 1st Floor, 1st Floor, 1st Floor. |



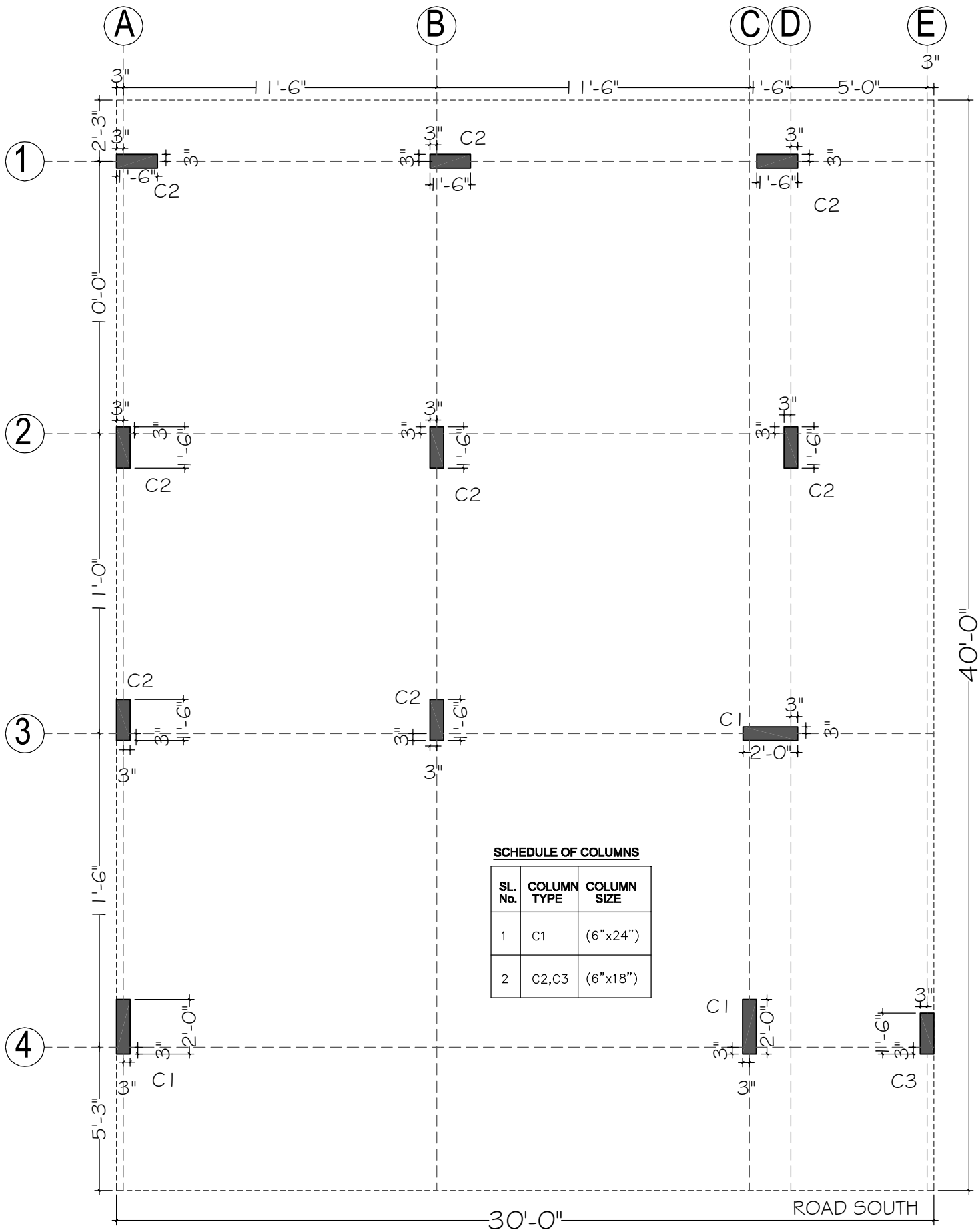
PRO. FIRST FLOOR PLAN

| SCHEDULE OF JOINERY                                                                                                                                              | AREA STATEMENT       | OWNER NAME                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOORS :<br>MD - 3'6" x 7'0"<br>D1 - 3'0" x 7'0"<br>D2 - 2'6" x 7'0"<br>W - 5'0" x 4'0"<br>W1 - 4'0" x 4'0"<br>W2 - 4'0" x 2'6"<br>VENTILATOR:<br>V - 3'0" x 2'0" |                      | Sri. Manjula                                                                                                                                                   |
|                                                                                                                                                                  | SCHEDULE OF PROPERTY | DESIGNER :<br><b>Suman Enterprises</b><br>Designer, Engineers, Estimators,<br>HSE Officer, Inspection, Engineer - 72,<br>MBA, 1st Floor, 1st Floor, 1st Floor. |



PRO. SECOND FLOOR PLAN

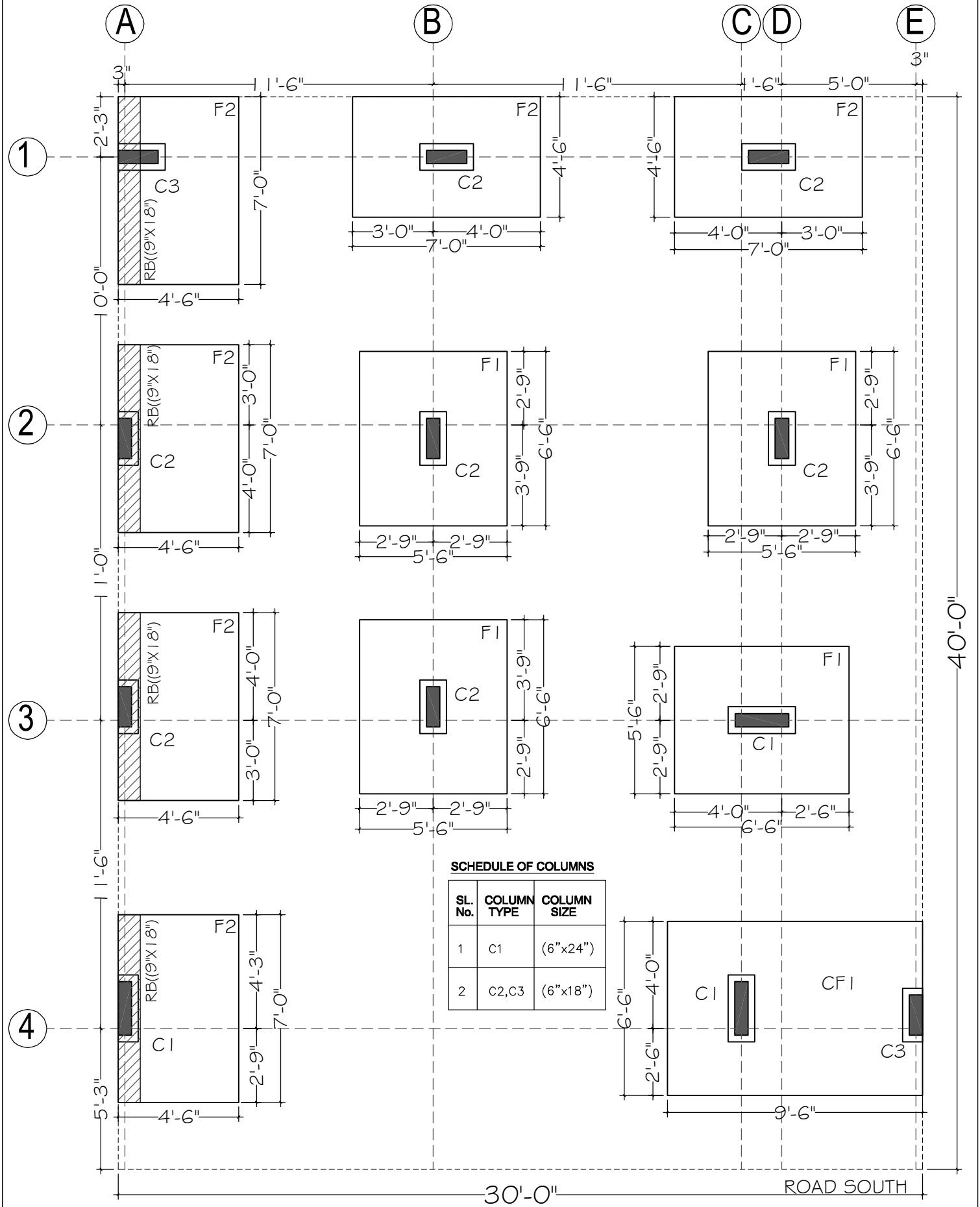
| SCHEDULE OF JOINERY                                                                                                                          | AREA STATEMENT       | OWNER NAME                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOORS :<br>D1 - 3'0" x 7'0"<br>D2 - 2'6" x 7'0"<br>W - 5'0" x 4'0"<br>W1 - 4'0" x 4'0"<br>W2 - 4'0" x 2'6"<br>VENTILATOR:<br>V - 3'0" x 2'0" |                      | Sri. Manjula                                                                                                                                                   |
|                                                                                                                                              | SCHEDULE OF PROPERTY | DESIGNER :<br><b>Suman Enterprises</b><br>Designer, Engineers, Estimators,<br>HSE Officer, Inspection, Engineer - 72,<br>MBA, 1st Floor, 1st Floor, 1st Floor. |



**NOTES:**

1. ALL DIMENSIONS ARE IN FEET & INCHES.
2. ALL CENTER LINE DIMENSIONS SHALL BE VERIFIED W.R.T. RELEVANT ARCH. DRGS.

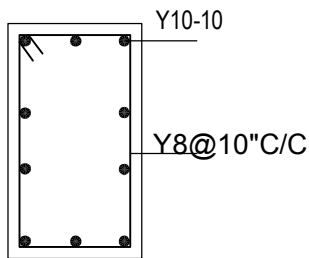
|                                                                                                |  |                 |                 |                  |                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------|--|-----------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title:</b> COLUMN & FOOTING<br><br><b>Project:</b> PROPOSED RESIDENCE FOR MANJU @ BENGALURU |  | <b>Desk By:</b> | <b>DESIGNED</b> | <b>Revision:</b> | <b>STRUCTURAL CONSULTANT</b><br><b>ARCIS CONSULTANTS</b><br>NO 01, 1ST MAIN ROAD, MALLATHALLI<br>BANGALORE-560056<br>T: 9036464154,<br>MAIL: arcisconsultants@gmail.com |
|                                                                                                |  | VARSHA          | MJE             | R -00            |                                                                                                                                                                         |
|                                                                                                |  | <b>Scale:</b>   | <b>Date:</b>    | <b>DWG NO</b>    |                                                                                                                                                                         |
|                                                                                                |  | Not to Scale    | 08-09-2021      | ARC/SE/ST-01     |                                                                                                                                                                         |



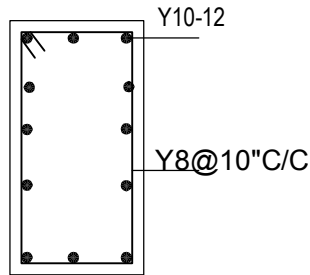
|                                                 |  |                  |                 |                  |                                                                                                                                                                         |
|-------------------------------------------------|--|------------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title:</b> FOOTING EXCAVATION PLAN           |  | <b>Drawn By:</b> | <b>DESIGNED</b> | <b>Revision:</b> | <b>STRUCTURAL CONSULTANT</b><br><b>ARCIS CONSULTANTS</b><br>NO 01, 1ST MAIN ROAD, MALLATHALLI<br>BANGALORE-560056<br>T: 9036464154,<br>MAIL: arcisconsultants@gmail.com |
| <b>Project:</b>                                 |  | VARSHA           | MJE             | R-00             |                                                                                                                                                                         |
| <b>PROPOSED RESIDENCE FOR MANJU @ BENGALURU</b> |  | <b>Scale:</b>    | <b>Date:</b>    | <b>DWG NO</b>    |                                                                                                                                                                         |
|                                                 |  | Not to Scale     | 08-09-2021      | ARC/SE/ST-02     |                                                                                                                                                                         |
|                                                 |  |                  |                 |                  |                                                                                                                                                                         |

## SCHEDULE OF FOOTINGS:

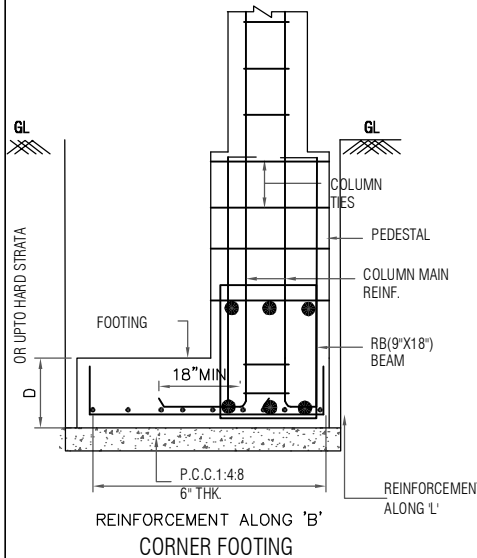
| FOOTING TYPE | FOOTING SIZE |      |     | REINFORCEMENT ALONG            |                                |
|--------------|--------------|------|-----|--------------------------------|--------------------------------|
|              | L            | B    | D   | ALONG L                        | ALONG B                        |
| F1           | 6'6"         | 5'6" | 18" | 12mm@5"c/c                     | 12mm@5"c/c                     |
| F2           | 7'0"         | 4'6" | 21" | 12mm@6"c/c                     | 12mm@6"c/c                     |
| CF1          | 9'6"         | 6'6" | 18" | 10mm@6"c/c(T)<br>12mm@6"c/c(B) | 10mm@6"c/c(T)<br>12mm@6"c/c(B) |



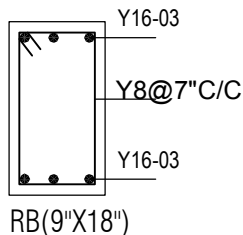
PEDESTAL FOR 6'X18'  
12'X24'X60"



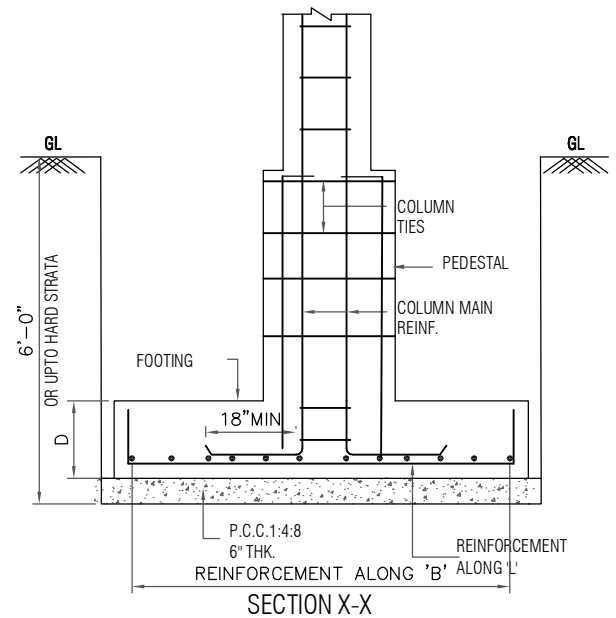
PEDESTAL FOR 6'X24'  
12'X30'X60"



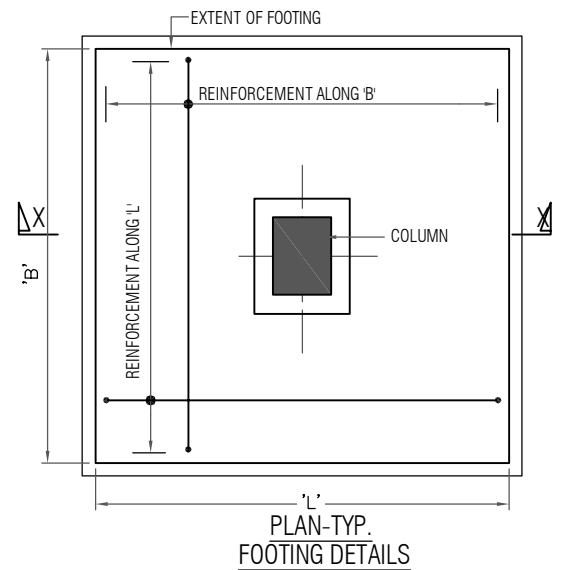
CORNER FOOTING



RB(9'X18")



SECTION X-X



PLAN-TYP.  
FOOTING DETAILS

## SCHEDULE OF COLUMNS

| COLUMN TYPE | COLUMN SIZE | FOUNDATION TO FIRST FLOOR CEILING                                                              | SECOND FLOOR TO TERRACE                                                                        |
|-------------|-------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| C1          | (6'x24")    | <p>4-20 <math>\Phi</math><br/>6-16 <math>\Phi</math><br/>8 <math>\Phi</math>@6" c/c (TIES)</p> | <p>10-16 <math>\Phi</math><br/>8 <math>\Phi</math>@6" c/c (TIES)</p>                           |
| C2          | (6'x18")    | <p>8-16 <math>\Phi</math><br/>8 <math>\Phi</math>@6" c/c (TIES)</p>                            | <p>4-16 <math>\Phi</math><br/>4-12 <math>\Phi</math><br/>8 <math>\Phi</math>@6" c/c (TIES)</p> |
| C3          | (6'x18")    | <p>4-16 <math>\Phi</math><br/>4-12 <math>\Phi</math><br/>8 <math>\Phi</math>@6" c/c (TIES)</p> | <p>4-16 <math>\Phi</math><br/>4-12 <math>\Phi</math><br/>8 <math>\Phi</math>@6" c/c (TIES)</p> |

## NOTES:

- ALL DIMENSIONS ARE IN FEET & INCHES.
- THE COLUMNS AND FOOTINGS IS DESIGNED FOR G+2 ONLY.
- ALL CENTER LINE DIMENSIONS SHALL BE VERIFIED W.R.T. RELEVANT ARCH. DRGS.
- GRADE OF CONCRETE =M25 OR 1:1:2
- GRADE OF STEEL =Fe 500 CONFORMING TO IS:1786
- COVER FOR REINFORCEMENT IN,  
a) FOOTINGS =60 mm b) COLUMNS = 40mm
- LAP LENGTH SHALL BE 50xDIA. OF BAR.
- ALL STRUCTURAL DRAWINGS SHALL BE READ WITH RELEVANT ARCHITECTURAL DRAWINGS.
- SBC 18 T/SQ.M

Title: COLUMN AND FOOTING DETAILS

Project:

PROPOSED RESIDENCE FOR MANJU @ BENGALURU

Desk By:

VARSHA

Scale:

Not to Scale

DESIGNED

MJE

Date:

Revision:

R-00

DWG NO

ARC/SE/ST-03

STRUCTURAL CONSULTANT

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