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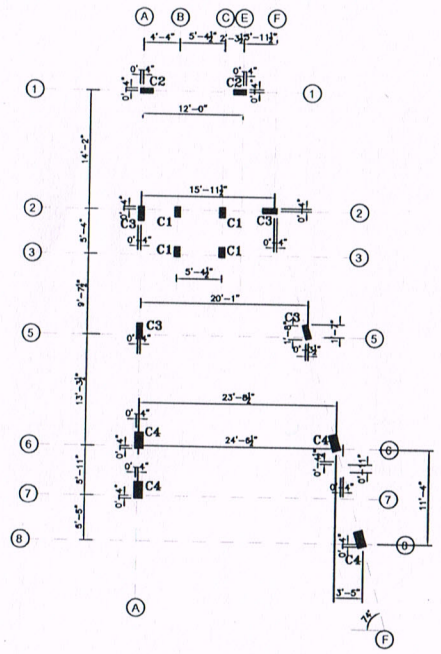
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

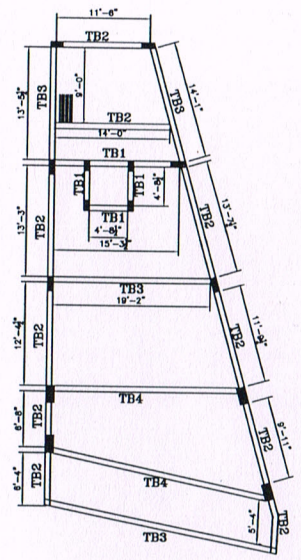
**Official Property Record**

Digitally Verified Record - Powered by Verified RealEstate™

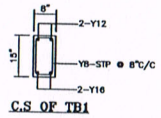




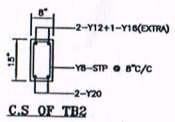

COLUMN MARKING PLAN



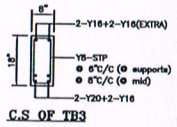

TIE BEAM MARKING PLAN



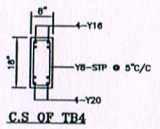

C.S OF TB1




C.S OF TB2




C.S OF TB3




C.S OF TB4

**Notes:-**

1. This drawing should be read along with architectural drawings.
2. Grade of RCC: Items shall be M30 for columns & M25 for all other RCC works
3. TMT Bars: TMT bars conforming to IS. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Slabs & Beams.
   - 15 for Sunshade & Fins.
5. Lap length shall be 50 d ( Dia. dia ) for all bars.
6. Provide Cantilever Stirrups to keep the top Reinforcement in position
7. Provide Y 8 ct. 200 cc Stirrup/tie steel for all top Reinforcement.
8. Spacer Bar to be Provided in Between Two layers Of Reinforcement of Beam Min ct Every 1000 c/c.
9. Not more than 40% of Reinforcement shall be lapped at any particular Junction.
10. Cantilever garge should not be released until the roof is connected.
11. Foundation is designed for Ground plus three upper floors & SOLID BLOCK loadings only and for a live load of 500kg/m².
12. For Earthquake analysis Zone III is taken as per IS : 1893-2002 code.
13. Removal of Formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
    - ii) For Beams and Arches :
      - a. Beams and Arches spanning upto 6 m (20'-0") -14days
14. The SBC of the soil considered is 25t/m² & Isolated Foundation is adopted as per the recommendation by T.A [illegible] Isolated report dated on 20-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.

| | | |
|---|---|---|
| 03 | 20-09-2023 | [illegible] |
| 02 | 07-09-2023 | [illegible] AS PER [illegible] ARCHITECTURAL LAYOUT |
| 01 | 31-08-2023 | [illegible] AS PER THE LATEST [illegible] |
| DWG NO | SIZE | DESCRIPTION |

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – A (COMMERCIAL BUILDING)

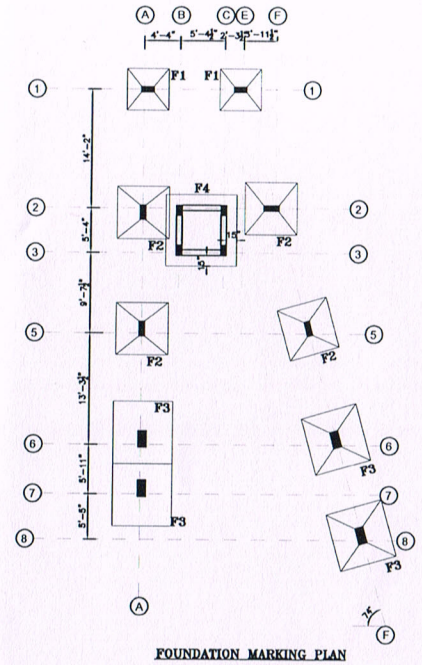
COLUMN MARKING & TIE BEAM LAYOUT

SCALE 1: 100 | SIZE: 20-09-2023

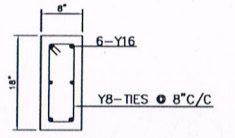
[illegible]

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EMAIL – jeystructurals@gmail.com

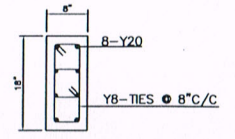
DWG NO – JPK-SZ-01A-2023-101 | SH 01 OF 04



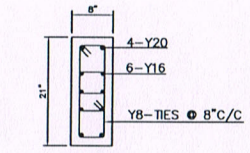

FOUNDATION MARKING PLAN



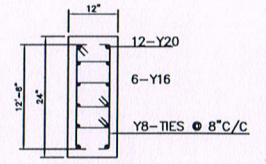

COL–C1



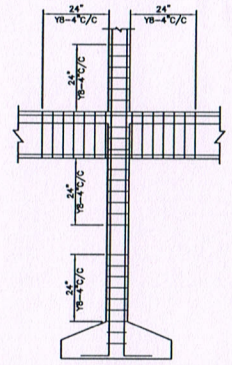

COL–C2



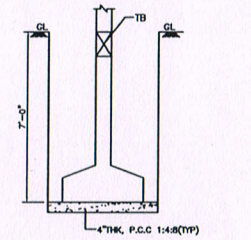

COL–C3




COL–C4

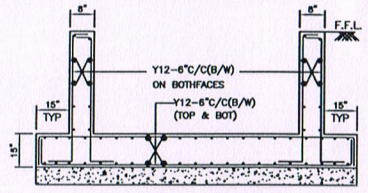



TYP. SEC. FOR STP. DETAILS




TYP.FOUNDATION

| SCHEDULE OF FOOTING | | | | |
|---|---|---|---|---|
| FOOTING ID. | (L x B) | THICKNESS | EDGE THICKNESS | REINFORCEMENT AT BOTTOM |
| F1 | 5'-0" x 5'-0" | 16" | 8" | Y10@6"c/c (B/W) |
| F2 | 6'-3" x 6'-3" | 22" | 12" | Y12@5"c/c (B/W) |
| F3 | 7'-0" x 7'-0" | 24" | 12" | Y12@5"c/c (B/W) |
| F4 | 8'-6" x 8'-6" | 15" | 15" | REFER LIFTWELL DETAIL |




LIFTWELL SECTION

**Notes:-**

1. This drawing should be read along with architectural drawings.
2. Grade of RCC: Items shall be M30 for columns & M25 for all other RCC works
3. TMT Bars: TMT bars conforming to IS. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Slabs & Beams.
   - 15 for Sunshade & Fins.
5. Lap length shall be 50 d ( Dia. dia ) for all bars.
6. Provide Cantilever Stirrups to keep the top Reinforcement in position
7. Provide Y 8 ct. 200 cc Stirrup/tie steel for all top Reinforcement.
8. Spacer Bar to be Provided in Between Two layers Of Reinforcement of Beam Min ct Every 1000 c/c.
9. Not more than 40% of Reinforcement shall be lapped at any particular Junction.
10. Cantilever garge should not be released until the roof is connected.
11. Foundation is designed for Ground plus three upper floors & SOLID BLOCK loadings only and for a live load of 500kg/m².
12. For Earthquake analysis Zone III is taken as per IS : 1893-2002 code.
13. Removal of Formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
    - ii) For Beams and Arches :
      - a. Beams and Arches spanning upto 6 m (20'-0") -14days
14. The SBC of the soil considered is 25t/m² & Isolated Foundation is adopted as per the recommendation by T.A [illegible] Isolated report dated on 20-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.

| | | |
|---|---|---|
| 03 | 20-09-2023 | [illegible] |
| 02 | 07-09-2023 | [illegible] AS PER [illegible] ARCHITECTURAL LAYOUT |
| 01 | 31-08-2023 | [illegible] AS PER THE LATEST [illegible] |
| DWG NO | SIZE | DESCRIPTION |

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – A (COMMERCIAL BUILDING)

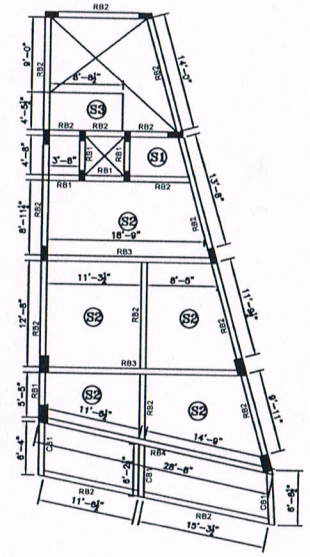
COLUMN AND FOUNDATION LAYOUT

SCALE 1: 100 | SIZE: 20-09-2023

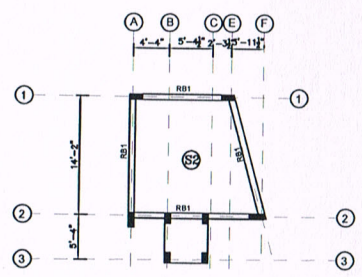
[illegible]

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EMAIL – jeystructurals@gmail.com

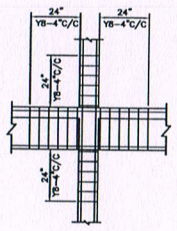
DWG NO – JPK-SZ-01A-2023-102 | SH 02 OF 04




ROOF BEAM MARKING PLAN

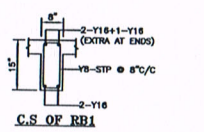



HEAD ROOM MARKING PLAN

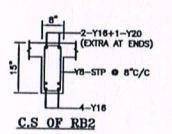



TYP. SEC. FOR STP. DETAILS

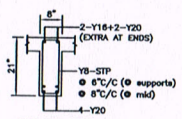
| SCHEDULE OF SLABS | | | | |
|---|---|---|---|---|
| SLAB NO | THICKNESS | SHORTER SPAN REINFORCEMENT | LONGER SPAN REINFORCEMENT | REMARKS |
| S1 | 6" | Y10@6"c/c | Y10@8"c/c | ONE WAY SLAB |
| S2 | 6" | Y10@7"c/c | Y10@8"c/c | TWO WAY SLAB |
| S3 | 6" | Y10@4"c/c (TOP) | Y10@8"c/c | CANTILEVER SLAB |



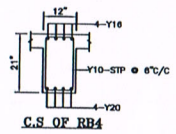

C.S OF RB1



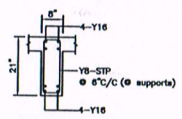

C.S OF RB2




C.S OF RB3




C.S OF RB4




C.S OF CB1

**Notes:-**

1. This drawing should be read along with architectural drawings.
2. Grade of RCC: Items shall be M30 for columns & M25 for all other RCC works
3. TMT Bars: TMT bars conforming to IS. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Slabs & Beams.
   - 15 for Sunshade & Fins.
5. Lap length shall be 50 d ( Dia. dia ) for all bars.
6. Provide Cantilever Stirrups to keep the top Reinforcement in position
7. Provide Y 8 ct. 200 cc Stirrup/tie steel for all top Reinforcement.
8. Spacer Bar to be Provided in Between Two layers Of Reinforcement of Beam Min ct Every 1000 c/c.
9. Not more than 40% of Reinforcement shall be lapped at any particular Junction.
10. Cantilever garge should not be released until the roof is connected.
11. Foundation is designed for Ground plus three upper floors & SOLID BLOCK loadings only and for a live load of 500kg/m².
12. For Earthquake analysis Zone III is taken as per IS : 1893-2002 code.
13. Removal of Formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
    - ii) For Beams and Arches :
      - a. Beams and Arches spanning upto 6 m (20'-0") -14days
14. The SBC of the soil considered is 25t/m² & Isolated Foundation is adopted as per the recommendation by T.A [illegible] Isolated report dated on 20-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.

| | | |
|---|---|---|
| 03 | 20-09-2023 | [illegible] |
| 02 | 07-09-2023 | [illegible] AS PER [illegible] ARCHITECTURAL LAYOUT |
| 01 | 31-08-2023 | [illegible] AS PER THE LATEST [illegible] |
| DWG NO | SIZE | DESCRIPTION |

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – A (COMMERCIAL BUILDING)

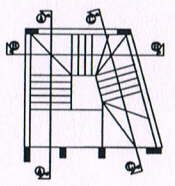
TYPICAL ROOF BEAM LAYOUT

SCALE 1: 100 | SIZE: 20-09-2023

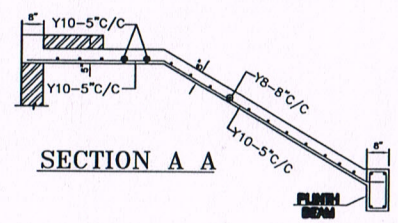
[illegible]

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PHONE – +91 9176821083
EMAIL – jeystructurals@gmail.com

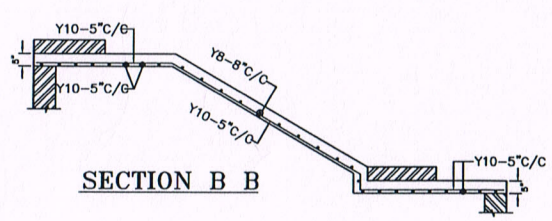
DWG NO – JPK-SZ-01A-2023-103 | SH 03 OF 04



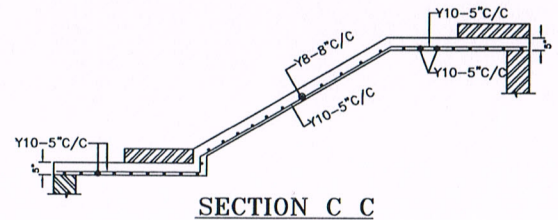
KRISHNA JEYANTH
B.E(Civil); M.S(Structural Engg.)(Aus)
TNCDBR: SE/Gr-II/19/049
GCC: RSE Gr-II Reg. No: RSE 20017201
No.1, Soodiammanpet Street, Saidapet,
Chennai-600 015. Ph: 9176821083
E-Mail: krishnajeyanth@gmail.com




SECTION A A




SECTION B B




SECTION C C

**Notes:-**

1. This drawing should be read along with architectural drawings.
2. Grade of RCC: Items shall be M30 for columns & M25 for all other RCC works
3. TMT Bars: TMT bars conforming to IS. 1786 – 1985. Grade – Fe 500
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Slabs & Beams.
   - 15 for Sunshade & Fins.
5. Lap length shall be 50 d ( Dia. dia ) for all bars.
6. Provide Cantilever Stirrups to keep the top Reinforcement in position
7. Provide Y 8 ct. 200 cc Stirrup/tie steel for all top Reinforcement.
8. Spacer Bar to be Provided in Between Two layers Of Reinforcement of Beam Min ct Every 1000 c/c.
9. Not more than 40% of Reinforcement shall be lapped at any particular Junction.
10. Cantilever garge should not be released until the roof is connected.
11. Foundation is designed for Ground plus three upper floors & SOLID BLOCK loadings only and for a live load of 500kg/m².
12. For Earthquake analysis Zone III is taken as per IS : 1893-2002 code.
13. Removal of Formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
    - ii) For Beams and Arches :
      - a. Beams and Arches spanning upto 6 m (20'-0") -14days
14. The SBC of the soil considered is 25t/m² & Isolated Foundation is adopted as per the recommendation by T.A [illegible] Isolated report dated on 20-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.

| | | |
|---|---|---|
| 03 | 20-09-2023 | [illegible] |
| 02 | 07-09-2023 | [illegible] AS PER [illegible] ARCHITECTURAL LAYOUT |
| 01 | 31-08-2023 | [illegible] AS PER THE LATEST [illegible] |
| DWG NO | SIZE | DESCRIPTION |

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – A (COMMERCIAL BUILDING)

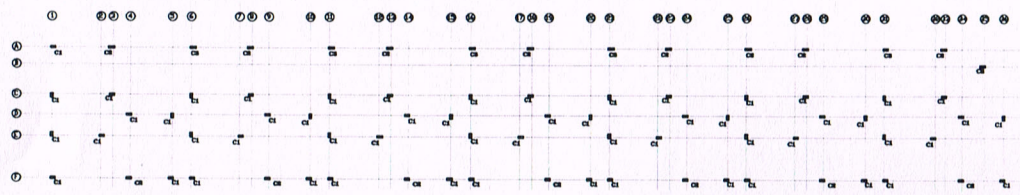
STAIRCASE LAYOUT

SCALE 1: 100 | SIZE: 20-09-2023

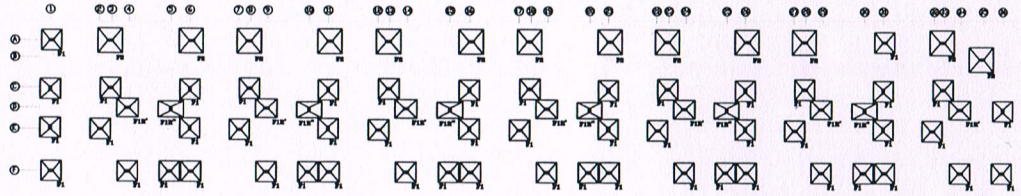
[illegible]

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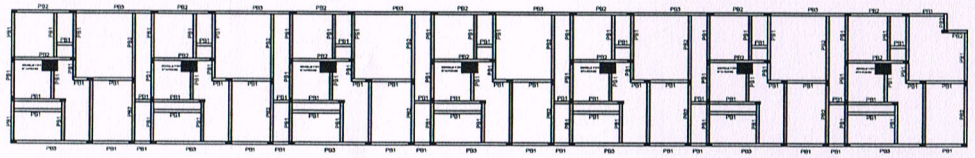
DWG NO – JPK-SZ-01A-2023-104 | SH 04 OF 04



COLUMN MARKING LAYOUT



FOUNDATION MARKING LAYOUT



PLINTH BEAM LAYOUT

**NOTES:**

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TMT/HYSD Steel confirming to I.S. 1786 – 1985 & Grade – Fe 500.
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d ( Max. dia ) for all bars.
6. Provide Continuous Chairs to keep the top Reinforcement in position
7. Provide Y 8 ct 200 cc Distribution steel for all top Reinforcement.
8. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of 16mm Dia ct Every 1000 c/ c
9. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
10. Cantilever props should not be released until the roof is concreted.
11. Foundation is designed for Ground plus One upper floor & SOLID BLOCKS loadings only.
12. For Earthquake analysis Zone II is taken as per IS : 1893-2002 code.
13. Removal of formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
    - ii) For Beams and Arches :
      - a. Beams and Arches spanning upto 6 m (20'-0") –14days
14. Isolated Foundation is adopted as per the soil test report given by T.A ########## dated on 28-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.
16. Do not concrete construction marked as "HOLD"

| | | |
|---|---|---|
| 05 | 29-09-2023 | ISSUED AS PER ISSUED ARCHITECTURAL LAYOUT |
| 04 | 25-09-2023 | ISSUED AS PER LATEST LAYOUT |
| 03 | 20-09-2023 | ISSUED AS PER LATEST LAYOUT |
| 02 | 20-09-2023 | ISSUED FOR APPROVAL |
| 01 | 20-09-2023 | ISSUED FOR APPROVAL |
| SNO | DATE | DESCRIPTION |

PROJECT

**PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – B (RESIDENTIAL VILLA)**

STRUCTURAL CONSULTANT


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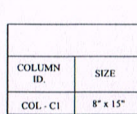

COLUMN,FOUNDATION & PLINTH BEAM LAYOUT

DWG NO – JPK-SZ-B-2023-102 SH 01 REV 04

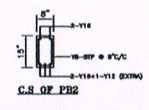
| SCHEDULE OF COLUMNS | | | |
|---|---|---|---|
| COLUMN ID. | SIZE | MAIN REINFORCEMENT | TIES REINFORCEMENT |
| COL - C1 | 8" x 15" | 8 -Y16 | Y8@6"c/c |
| COL - C2 | 8" x 18" | 4 -Y20 + 4 -Y16 | Y8@6"c/c |
| COL - C3 | 8" x 18" | 4 -Y25+ 4-Y20 | Y8@6"c/c |

| SCHEDULE OF FOOTING | | | | |
|---|---|---|---|---|
| FOOTING ID. | (L x B) | THICKNESS (T) | EDGE THICKNESS (E) | REINFORCEMENT AT BOTTOM |
| F1 | 5'-0" x 5'-0" | 15" | 8" | Y10@6"c/c (B/W) |
| F1R' | 5'-4" x 4'-8" | 15" | 8" | Y10@6"c/c (B/W) |
| F1R" | 6'-3" x 4'-0" | 15" | 8" | Y10@6"c/c (B/W) |
| F2 | 6'-0" x 6'-0" | 18" | 8" | Y10@6"c/c (B/W) |

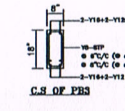
| SCHEDULE OF SLABS | | | | |
|---|---|---|---|---|
| SLAB NO | THICKNESS | SHORTER SPAN REINFORCEMENT | LONGER SPAN REINFORCEMENT | REMARKS |
| S1 | 5" | Y8@6"c/c | Y8@6"c/c | TWO WAY SLAB |
| S2 | 5" | Y8@6"c/c | Y8@6"c/c | SUNKEN SLAB |
| S3 | 5" | Y8@6"c/c | Y8@8"c/c | ONE WAY SLAB |
| S4 | 5" | Y8@6"c/c | Y8@8"c/c | CANTILEVER SLAB |



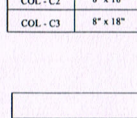
C.S OF PB1



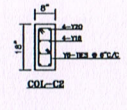
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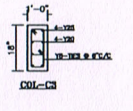
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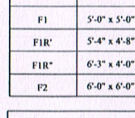
COL–C1



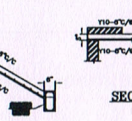
COL–C2



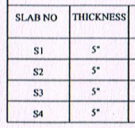
COL–C3



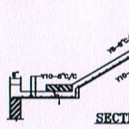
SECTION A A



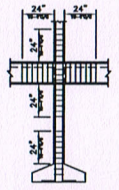
SECTION B B



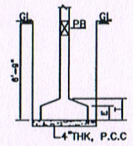
TYP. STAIRCASE PLAN



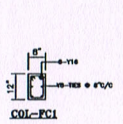
SECTION C C



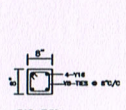
TYP. SEC. FOR STP. DETAILS



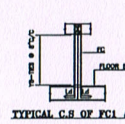
TYP.FOUNDATION



COL–PC1



COL–PC2



TYPICAL C.S OF PC1 & PC2

**NOTES:**

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
3. Y Denotes TMT/HYSD Steel confirming to I.S. 1786 – 1985 & Grade – Fe 500.
4. Clear cover to the main steel
   - 50 for Footings , Raft Slabs & Raft Beams.
   - 40 for Columns.
   - 25 for Lintel & Beams.
   - 15 for Sunshade & Slab.
5. Lap length shall be 50 d ( Max. dia ) for all bars.
6. Provide Continuous Chairs to keep the top Reinforcement in position
7. Provide Y 8 ct 200 cc Distribution steel for all top Reinforcement.
8. Spacer Bar to be Provided in Between Two Layers Of Reinforcement of 16mm Dia ct Every 1000 c/ c
9. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
10. Cantilever props should not be released until the roof is concreted.
11. Foundation is designed for Ground plus One upper floor & SOLID BLOCKS loadings only.
12. For Earthquake analysis Zone II is taken as per IS : 1893-2002 code.
13. Removal of formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
    - ii) For Beams and Arches :
      - a. Beams and Arches spanning upto 6 m (20'-0") –14days
14. Isolated Foundation is adopted as per the soil test report given by T.A ########## dated on 28-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.
16. Do not concrete construction marked as "HOLD"

| | | |
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PROJECT

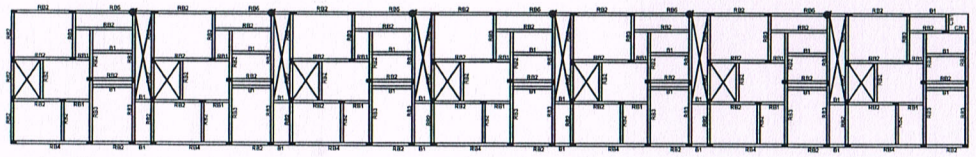
**PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – B (RESIDENTIAL VILLA)**

STRUCTURAL CONSULTANT

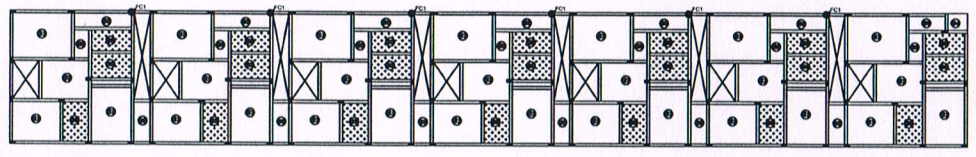

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COLUMN, FOUNDATION, BEAM & SLAB DETAILS

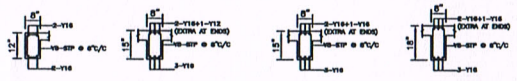
DWG NO – JPK-SZ-B-2023-102 SH 02 REV 04



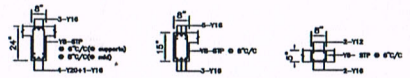
GROUND FLOOR ROOF BEAM LAYOUT



GROUND FLOOR ROOF SLAB LAYOUT



C.S OF RB1 C.S OF RB2 C.S OF RB3 C.S OF RB4



C.S OF RB5 C.S OF CB1 CONCEALED BEAM B1

**NOTES:**

1. This drawing should be read along with architectural drawings.
2. Grade of R.C.C. Items shall be M30 for column & M25 for all other R.C.C works
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9. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
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PROJECT

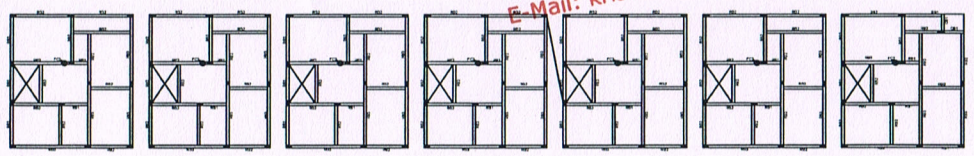
**PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – B (RESIDENTIAL VILLA)**

STRUCTURAL CONSULTANT

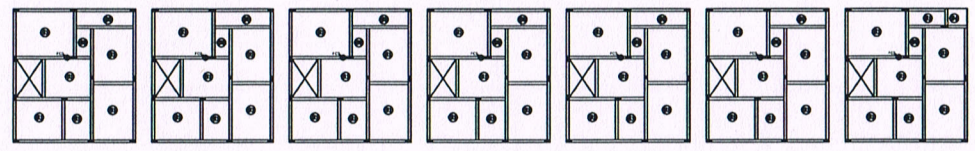

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GROUND FLOOR ROOF BEAM & SLAB LAYOUT & DETAIL

DWG NO – JPK-SZ-B-2023-102 SH 03 REV 04



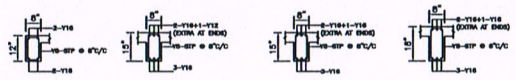
FIRST FLOOR ROOF BEAM LAYOUT



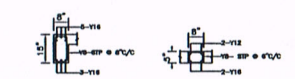
FIRST FLOOR ROOF SLAB LAYOUT



HEADROOM ROOF SLAB LAYOUT



C.S OF RB1 C.S OF RB2 C.S OF RB3 C.S OF RB4



C.S OF CB1 CONCEALED BEAM B1

**NOTES:**

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5. Lap length shall be 50 d ( Max. dia ) for all bars.
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9. Not more than 40% of Reinforcement shall be Lapped at any particular junction.
10. Cantilever props should not be released until the roof is concreted.
11. Foundation is designed for Ground plus One upper floor & SOLID BLOCKS loadings only.
12. For Earthquake analysis Zone II is taken as per IS : 1893-2002 code.
13. Removal of formworks :
    - i) For Slabs :
      - a. Slabs spanning upto 4.5 m ( 15'-0" ) – 7 days
      - b. Slabs spanning over 4.5 m ( 15'-0" ) – 14 days
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14. Isolated Foundation is adopted as per the soil test report given by T.A ########## dated on 28-Sept-2023.
15. Any discrepancy in drawing shall be brought to the notice of site engineer/ consulting engineer.
16. Do not concrete construction marked as "HOLD"

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PROJECT

**PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUZ, PERUMBAKKAM BLOCK – B (RESIDENTIAL VILLA)**

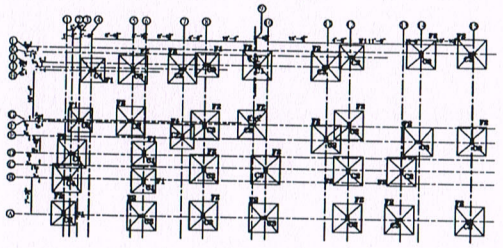
STRUCTURAL CONSULTANT


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FIRST FLOOR & HEAD ROOM ROOF BEAM & SLAB LAYOUT & DETAIL

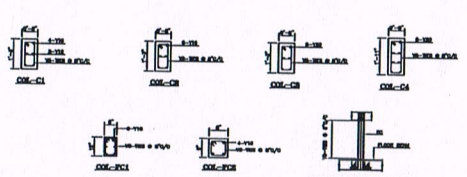
DWG NO – JPK-SZ-B-2023-102 SH 04 REV 04


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COLUMN MARKING PLAN

| SCHEDULE OF COLUMNS | | | |
|---|---|---|---|
| COLUMN ID. | SIZE | MAIN REINFORCEMENT | TIES REINFORCEMENT |
| COL - C1 | 8" x 15" | 4 -Y16 + 2-Y12 | Y8@8"c/c |
| COL - C2 | 8" x 15" | 6 -Y16 | Y8@8"c/c |
| COL - C3 | 8" x 15" | 6 -Y20 | Y8@8"c/c |
| COL - C4 | 8" x 23" | 8 -Y20 | Y8@8"c/c |



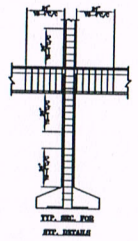
COL - C1 · COL - C2 · COL - C3 · COL - C4



COL - PC1 · COL - PC2



TYPICAL C.S OF PC1 & PC2

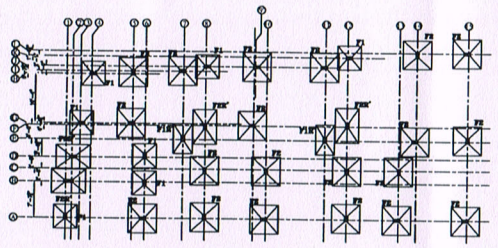


TYP. SEC. FOR STP. DETAILS

Notes:
1. The design shall be read along with architectural drawings.
2. All the column dimensions are in inches & reinforcement details are in mm.
3. Working loads considered are
   LL (OU) = 300
   LL (RC) = 200
   Earth = 0+2D
4. Concrete & Steel used
   a) For footings, slab & beams = M25 grade concrete
   b) For columns = M30 grade concrete
   c) For staircase = M25 grade concrete
   d) For retaining walls = M25 grade concrete
   e) For plinth beams = M25 grade concrete
5. Footings shall be designed for SBC of 15 t/sq.m at a depth of 1.5m below NGL.
6. Plinth level is considered as 0.45m above NGL.
7. Plinth filling shall be done with well compacted sand in layers not exceeding 150 mm thick.
8. All columns are designed as short columns.
9. Cover to reinforcement
   a) For footings = 50mm
   b) For columns = 40mm
   c) For beams = 25mm
   d) For slabs = 20mm
10. Grade slab shall be laid over well compacted sand filling.
11. Foundation is designed for Ground plus One upper floor & SBC 15 t/sq.m. Loadings only.
12. Reinforcement details
    a) Footings = 8 nos 12mm ø bars each way (0'-0") - Y12@
    b) Slab = 8 nos 12mm ø bars each way (0'-0") - Y12@
    c) For beams & columns = 4 nos 12mm ø bars each way (0'-0") - Y12@
13. Additional bars shall be provided around openings in slab as per standard practice.
14. All dimensions are in mm unless otherwise specified.
15. Any discrepancy in the drawing shall be brought to the notice of the Structural Engineer before proceeding with the work.

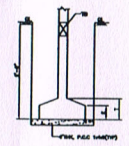
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM
BLOCK – C (RESIDENTIAL VILLA)
COLUMN MARKING LAYOUT & DETAIL.
DWG NO – JPK-SE-C-0003-100

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FOUNDATION MARKING PLAN

| SCHEDULE OF FOOTING | | | | |
|---|---|---|---|---|
| FOOTING ID. | (L x B) | THICKNESS (T) | EDGE THICKNESS (E) | REINFORCEMENT AT BOTTOM |
| F1 | 5'-0" x 5'-0" | 15" | 8" | Y10@6"c/c (B/W) |
| F1R' | 4'-0" x 6'-3" | 15" | 8" | Y10@6"c/c (B/W) |
| F2 | 6'-0" x 6'-0" | 18" | 8" | Y10@6"c/c (B/W) |
| F2R' | 7'-3" x 5'-0" | 18" | 8" | Y10@6"c/c (B/W) |

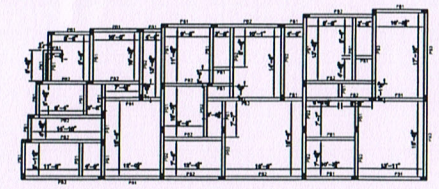


TYP.FOUNDATION

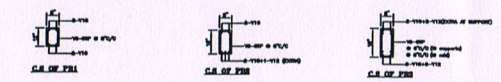
Notes:
1. The design shall be read along with architectural drawings.
2. All the column dimensions are in inches & reinforcement details are in mm.
3. Working loads considered are
   LL (OU) = 300
   LL (RC) = 200
   Earth = 0+2D
4. Concrete & Steel used
   a) For footings, slab & beams = M25 grade concrete
   b) For columns = M30 grade concrete
   c) For staircase = M25 grade concrete
   d) For retaining walls = M25 grade concrete
   e) For plinth beams = M25 grade concrete
5. Footings shall be designed for SBC of 15 t/sq.m at a depth of 1.5m below NGL.
6. Plinth level is considered as 0.45m above NGL.
7. Plinth filling shall be done with well compacted sand in layers not exceeding 150 mm thick.
8. All columns are designed as short columns.
9. Cover to reinforcement
   a) For footings = 50mm
   b) For columns = 40mm
   c) For beams = 25mm
   d) For slabs = 20mm
10. Grade slab shall be laid over well compacted sand filling.
11. Foundation is designed for Ground plus One upper floor & SBC 15 t/sq.m. Loadings only.
12. Reinforcement details
    a) Footings = 8 nos 12mm ø bars each way (0'-0") - Y12@
    b) Slab = 8 nos 12mm ø bars each way (0'-0") - Y12@
    c) For beams & columns = 4 nos 12mm ø bars each way (0'-0") - Y12@
13. Additional bars shall be provided around openings in slab as per standard practice.
14. All dimensions are in mm unless otherwise specified.
15. Any discrepancy in the drawing shall be brought to the notice of the Structural Engineer before proceeding with the work.

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM
BLOCK – C (RESIDENTIAL VILLA)
FOUNDATION MARKING LAYOUT & DETAIL.
DWG NO – JPK-SE-C-0003-100

JEY BUILDERS
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EMAIL – jeystructurals@gmail.com



PLINTH BEAM LAYOUT

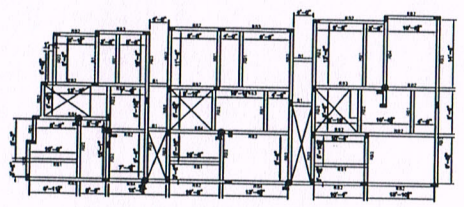


C.S OF PB1 · C.S OF PB2 · C.S OF PB3

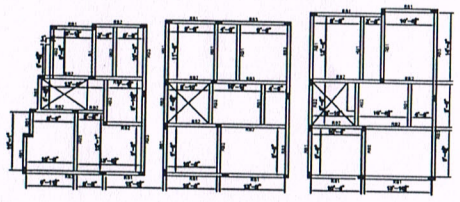
Notes:
1. The design shall be read along with architectural drawings.
2. All the column dimensions are in inches & reinforcement details are in mm.
3. Working loads considered are
   LL (OU) = 300
   LL (RC) = 200
   Earth = 0+2D
4. Concrete & Steel used
   a) For footings, slab & beams = M25 grade concrete
   b) For columns = M30 grade concrete
   c) For staircase = M25 grade concrete
   d) For retaining walls = M25 grade concrete
   e) For plinth beams = M25 grade concrete
5. Footings shall be designed for SBC of 15 t/sq.m at a depth of 1.5m below NGL.
6. Plinth level is considered as 0.45m above NGL.
7. Plinth filling shall be done with well compacted sand in layers not exceeding 150 mm thick.
8. All columns are designed as short columns.
9. Cover to reinforcement
   a) For footings = 50mm
   b) For columns = 40mm
   c) For beams = 25mm
   d) For slabs = 20mm
10. Grade slab shall be laid over well compacted sand filling.
11. Foundation is designed for Ground plus One upper floor & SBC 15 t/sq.m. Loadings only.
12. Reinforcement details
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    b) Slab = 8 nos 12mm ø bars each way (0'-0") - Y12@
    c) For beams & columns = 4 nos 12mm ø bars each way (0'-0") - Y12@
13. Additional bars shall be provided around openings in slab as per standard practice.
14. All dimensions are in mm unless otherwise specified.
15. Any discrepancy in the drawing shall be brought to the notice of the Structural Engineer before proceeding with the work.

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM
BLOCK – C (RESIDENTIAL VILLA)
PLINTH BEAM LAYOUT & DETAIL.
DWG NO – JPK-SE-C-0003-100

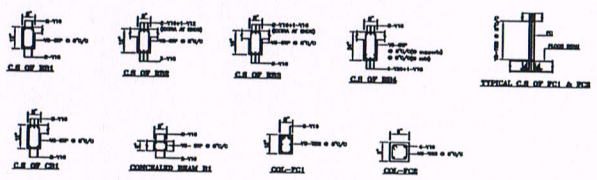
JEY BUILDERS
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GROUND FLOOR ROOF BEAM LAYOUT AND DETAIL



FIRST FLOOR ROOF BEAM LAYOUT AND DETAIL



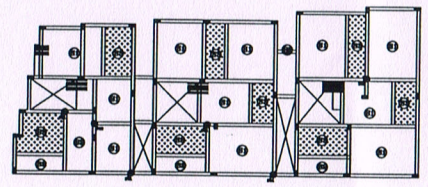
C.S OF SB1 · C.S OF SB2 · C.S OF SB3 · C.S OF SB4 · TYPICAL C.S OF PC1 & PC2

C.S OF CB1 · CONCEALED BEAM B1 · COL - PC1 · COL - PC2

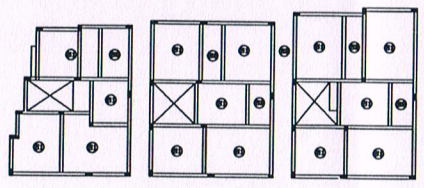
Notes:
1. The design shall be read along with architectural drawings.
2. All the column dimensions are in inches & reinforcement details are in mm.
3. Working loads considered are
   LL (OU) = 300
   LL (RC) = 200
   Earth = 0+2D
4. Concrete & Steel used
   a) For footings, slab & beams = M25 grade concrete
   b) For columns = M30 grade concrete
   c) For staircase = M25 grade concrete
   d) For retaining walls = M25 grade concrete
   e) For plinth beams = M25 grade concrete
5. Footings shall be designed for SBC of 15 t/sq.m at a depth of 1.5m below NGL.
6. Plinth level is considered as 0.45m above NGL.
7. Plinth filling shall be done with well compacted sand in layers not exceeding 150 mm thick.
8. All columns are designed as short columns.
9. Cover to reinforcement
   a) For footings = 50mm
   b) For columns = 40mm
   c) For beams = 25mm
   d) For slabs = 20mm
10. Grade slab shall be laid over well compacted sand filling.
11. Foundation is designed for Ground plus One upper floor & SBC 15 t/sq.m. Loadings only.
12. Reinforcement details
    a) Footings = 8 nos 12mm ø bars each way (0'-0") - Y12@
    b) Slab = 8 nos 12mm ø bars each way (0'-0") - Y12@
    c) For beams & columns = 4 nos 12mm ø bars each way (0'-0") - Y12@
13. Additional bars shall be provided around openings in slab as per standard practice.
14. All dimensions are in mm unless otherwise specified.
15. Any discrepancy in the drawing shall be brought to the notice of the Structural Engineer before proceeding with the work.

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM
BLOCK – C (RESIDENTIAL VILLA)
ROOF SLAB LAYOUT & DETAIL.
DWG NO – JPK-SE-C-0003-100

JEY BUILDERS
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EMAIL – jeystructurals@gmail.com



GROUND FLOOR ROOF SLAB LAYOUT AND DETAIL



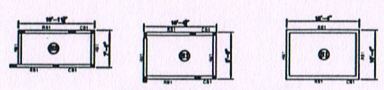
FIRST FLOOR ROOF SLAB LAYOUT AND DETAIL

| SCHEDULE OF SLABS | | | | |
|---|---|---|---|---|
| SLAB NO. | THICKNESS | SHORTER SPAN REINFORCEMENT | LONGER SPAN REINFORCEMENT | REMARKS |
| S1 | 5" | Y8@6"c/c | Y8@6"c/c | TWO WAY SLAB |
| S2 | 5" | Y8@6"c/c | Y8@6"c/c | ONE WAY SLAB |
| S3 | 5" | Y8@6"c/c | Y8@6"c/c | SUNKEN SLAB |

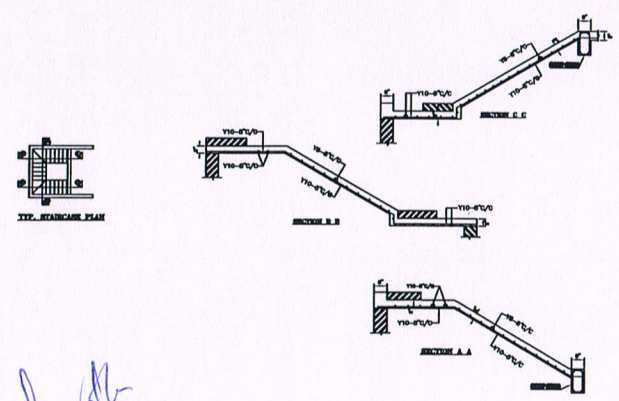
Notes:
1. The design shall be read along with architectural drawings.
2. All the column dimensions are in inches & reinforcement details are in mm.
3. Working loads considered are
   LL (OU) = 300
   LL (RC) = 200
   Earth = 0+2D
4. Concrete & Steel used
   a) For footings, slab & beams = M25 grade concrete
   b) For columns = M30 grade concrete
   c) For staircase = M25 grade concrete
   d) For retaining walls = M25 grade concrete
   e) For plinth beams = M25 grade concrete
5. Footings shall be designed for SBC of 15 t/sq.m at a depth of 1.5m below NGL.
6. Plinth level is considered as 0.45m above NGL.
7. Plinth filling shall be done with well compacted sand in layers not exceeding 150 mm thick.
8. All columns are designed as short columns.
9. Cover to reinforcement
   a) For footings = 50mm
   b) For columns = 40mm
   c) For beams = 25mm
   d) For slabs = 20mm
10. Grade slab shall be laid over well compacted sand filling.
11. Foundation is designed for Ground plus One upper floor & SBC 15 t/sq.m. Loadings only.
12. Reinforcement details
    a) Footings = 8 nos 12mm ø bars each way (0'-0") - Y12@
    b) Slab = 8 nos 12mm ø bars each way (0'-0") - Y12@
    c) For beams & columns = 4 nos 12mm ø bars each way (0'-0") - Y12@
13. Additional bars shall be provided around openings in slab as per standard practice.
14. All dimensions are in mm unless otherwise specified.
15. Any discrepancy in the drawing shall be brought to the notice of the Structural Engineer before proceeding with the work.

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM
BLOCK – C (RESIDENTIAL VILLA)
ROOF SLAB LAYOUT & DETAIL.
DWG NO – JPK-SE-C-0003-100

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HEAD ROOM ROOF BEAM AND SLAB LAYOUT



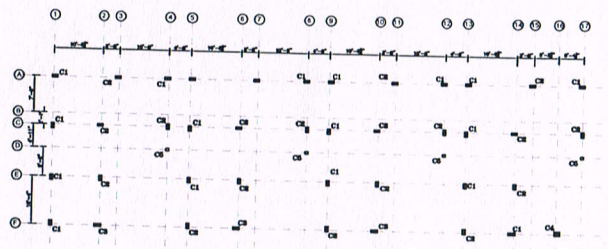
TYP. STAIRCASE PLAN · SECTION C C · SECTION B B · SECTION A A

Notes:
1. The design shall be read along with architectural drawings.
2. All the column dimensions are in inches & reinforcement details are in mm.
3. Working loads considered are
   LL (OU) = 300
   LL (RC) = 200
   Earth = 0+2D
4. Concrete & Steel used
   a) For footings, slab & beams = M25 grade concrete
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   c) For staircase = M25 grade concrete
   d) For retaining walls = M25 grade concrete
   e) For plinth beams = M25 grade concrete
5. Footings shall be designed for SBC of 15 t/sq.m at a depth of 1.5m below NGL.
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10. Grade slab shall be laid over well compacted sand filling.
11. Foundation is designed for Ground plus One upper floor & SBC 15 t/sq.m. Loadings only.
12. Reinforcement details
    a) Footings = 8 nos 12mm ø bars each way (0'-0") - Y12@
    b) Slab = 8 nos 12mm ø bars each way (0'-0") - Y12@
    c) For beams & columns = 4 nos 12mm ø bars each way (0'-0") - Y12@
13. Additional bars shall be provided around openings in slab as per standard practice.
14. All dimensions are in mm unless otherwise specified.
15. Any discrepancy in the drawing shall be brought to the notice of the Structural Engineer before proceeding with the work.

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM
BLOCK – C (RESIDENTIAL VILLA)
HEAD ROOM AND STAIRCASE LAYOUT & DETAIL.
DWG NO – JPK-SE-C-0003-100

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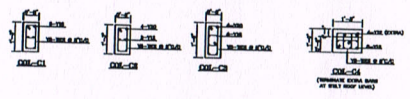
KRISHNA JEYANTH
B.E(Civil); M.S(Structural Engg.)(Aus)
TNCDBR: SE/Gr-II/19/049
GCC: RSE Gr-II Reg. No: RSE 200172019
No.1, Soodiammanpet Street, Saidapet,
Chennai-600 015. Ph: 9176821083
E-Mail: krishnajeyanth@gmail.com



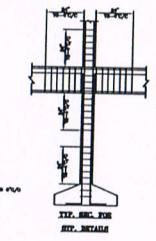
COLUMN MARKING PLAN

SCHEDULE OF COLUMNS

| COLUMN ID. | SIZE | MAIN REINFORCEMENT | TIES REINFORCEMENT |
|---|---|---|---|
| COL - C1 | 8" x 15" | 6 -Y16 | Y8@4"c/c |
| COL - C2 | 8" x 15" | 4 -Y20 + 2 -Y16 | Y8@4"c/c |
| COL - C3 | 8" x 18" | 4 -Y20 + 4 -Y16 | Y8@4"c/c |
| COL - C4 | 12" x 15" | 8 -Y16 + 4 -Y12 | Y8@4"c/c |
| COL - C5 | 8" x 8" | 4-Y16 | Y8@4"c/c |



COL-C1 COL-C2 COL-C3 COL-C4 (TERRACE EXTRA BARS AT HALF ROOF LEVEL) COL-C5



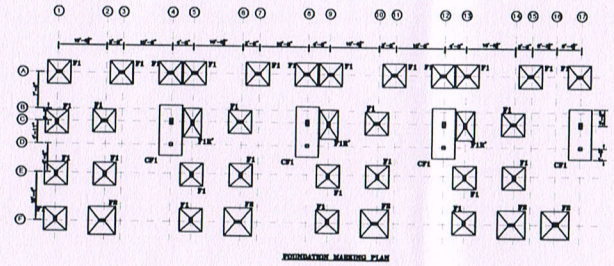
TYP. SEC. FOR RTP. DETAILS


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PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM BLOCK – D (RESIDENTIAL VILLA)

COLUMN MARKING LAYOUT & DETAIL

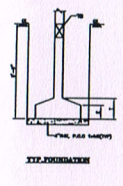
DWG NO – JPC-SS-D-0000-104



FOUNDATION MARKING PLAN

SCHEDULE OF FOOTING

| FOOTING ID. | (L x B) | THICKNESS (T) | EDGE THICKNESS (E) | REINFORCEMENT AT BOTTOM |
|---|---|---|---|---|
| F1 | 5'-0" x 5'-0" | 15" | 8" | Y10@6"c/c (B/W) |
| F1R' | 4'-0" x 6'-3" | 15" | 8" | Y10@6"c/c (B/W) |
| F2 | 6'-0" x 6'-0" | 18" | 8" | Y10@6"c/c (B/W) |
| CF1 | 5'-0" x 10'-9" | 18" | 8" | Y10@6"c/c (B/W) |



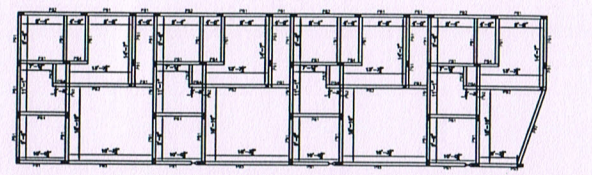
TYP.FOUNDATION


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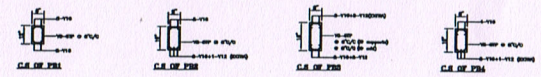
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM BLOCK – D (RESIDENTIAL VILLA)

FOUNDATION MARKING LAYOUT & DETAIL

DWG NO – JPC-SS-D-0000-104

PLINTH BEAM MARKING PLAN



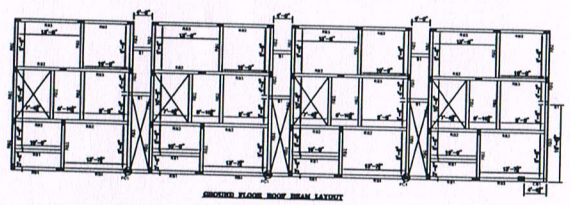
C.S OF PB1 C.S OF PB2 C.S OF PB3 C.S OF PB4


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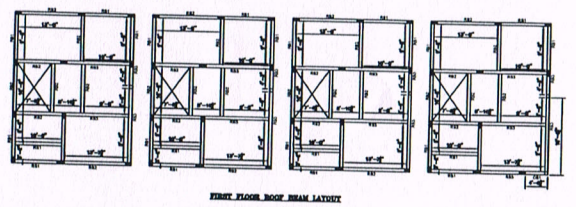
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM BLOCK – D (RESIDENTIAL VILLA)

PLINTH BEAM LAYOUT & DETAIL

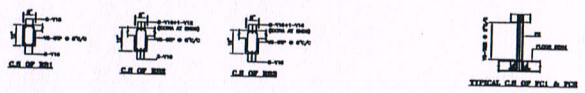
DWG NO – JPC-SS-D-0000-104

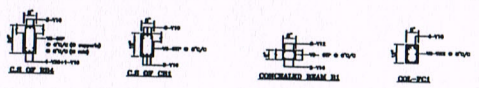
GROUND FLOOR ROOF BEAM LAYOUT



FIRST FLOOR ROOF BEAM LAYOUT



C.S OF RB1 C.S OF RB2 C.S OF RB3 TYPICAL C.S OF FC1 & FC2



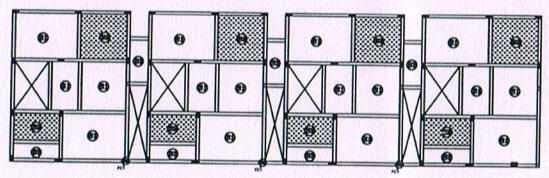
C.S OF RB4 C.S OF CB1 CONCEALED BEAM B1 COL-FC1


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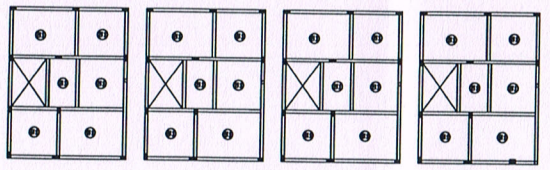
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM BLOCK – D (RESIDENTIAL VILLA)

ROOF BEAM LAYOUT & DETAIL

DWG NO – JPC-SS-D-0000-104

GROUND ROOF SLAB MARKING PLAN



FIRST FLOOR ROOF SLAB LAYOUT

SCHEDULE OF SLABS

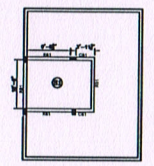
| SLAB NO | THICKNESS | SHORTER SPAN REINFORCEMENT | LONGER SPAN REINFORCEMENT | REMARKS |
|---|---|---|---|---|
| S1 | 5" | Y8@6"c/c | Y8@6"c/c | TWO WAY SLAB |
| S2 | 5" | Y8@6"c/c | Y8@6"c/c | SUNKEN SLAB |
| S3 | 5" | Y8@6"c/c | Y8@6"c/c | ONE WAY SLAB |
| S4 | 5" | Y8@6"c/c | Y8@6"c/c | CANTILEVER SLAB |


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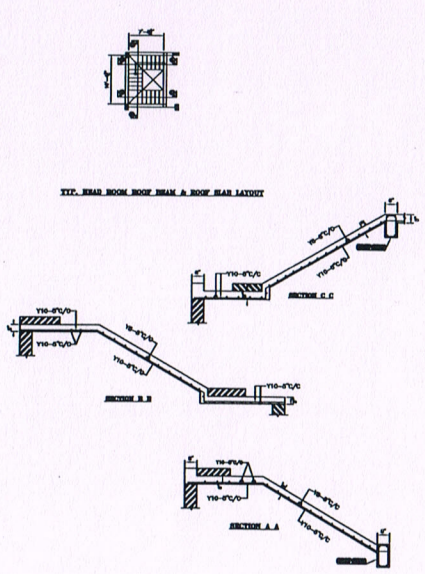
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM BLOCK – D (RESIDENTIAL VILLA)

ROOF SLAB LAYOUT & DETAIL

DWG NO – JPC-SS-D-0000-104

TYP. HEAD ROOM ROOF BEAM & ROOF SLAB LAYOUT



TYP. HEAD ROOM ROOF BEAM & ROOF SLAB LAYOUT


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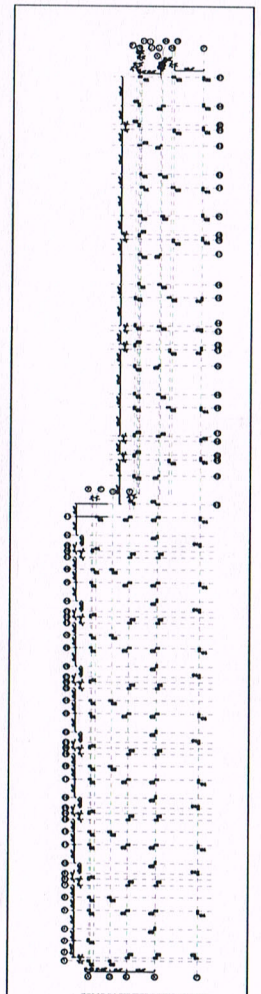
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADEUX, PERUMBAKKAM BLOCK – D (RESIDENTIAL VILLA)

HEAD ROOM AND STAIRCASE LAYOUT & DETAIL

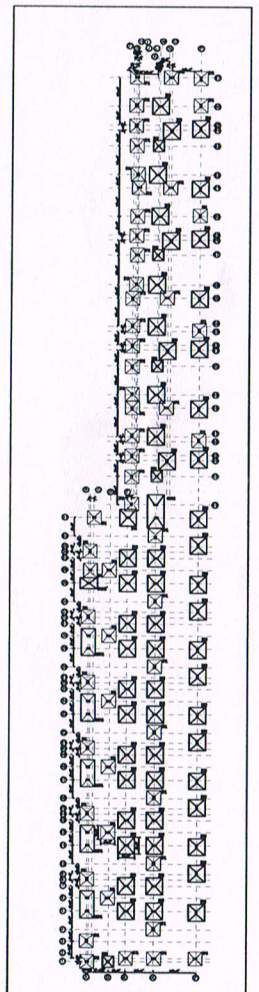
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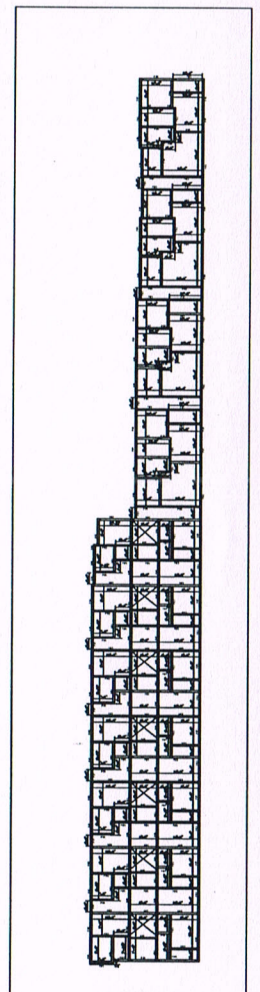
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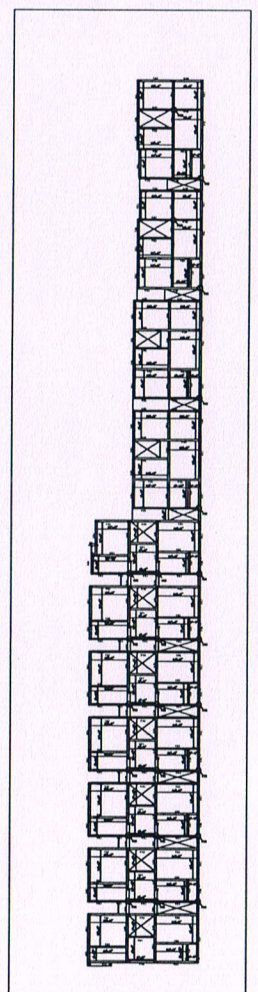
COLUMN CENTER LINE LAYOUT



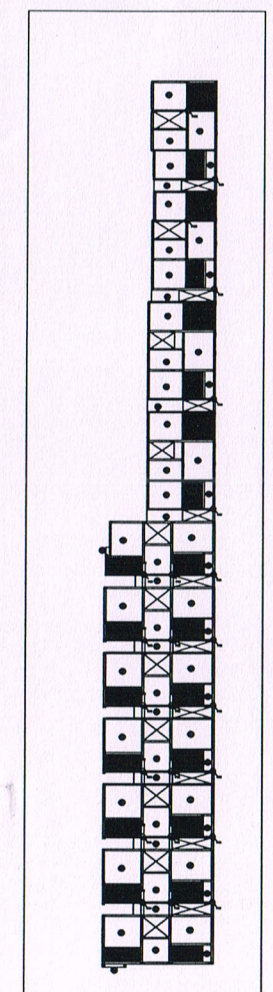
FOUNDATION LAYOUT



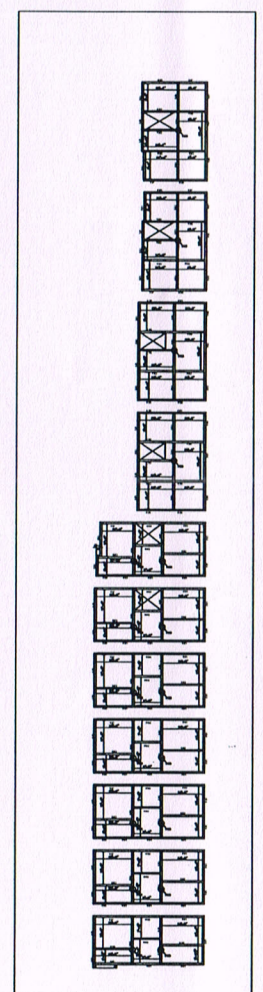
PLINTH BEAM LAYOUT



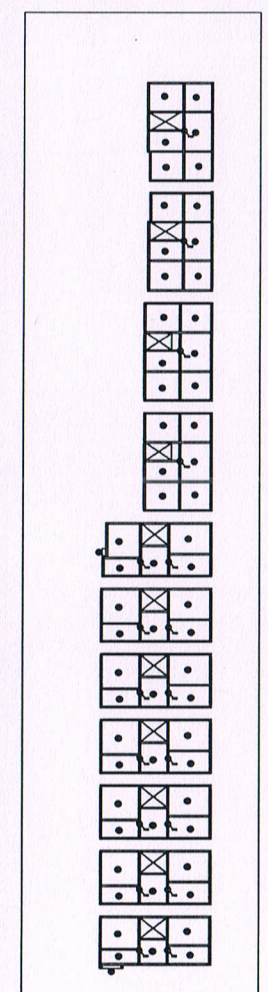
GROUND FLOOR ROOF BEAM LAYOUT



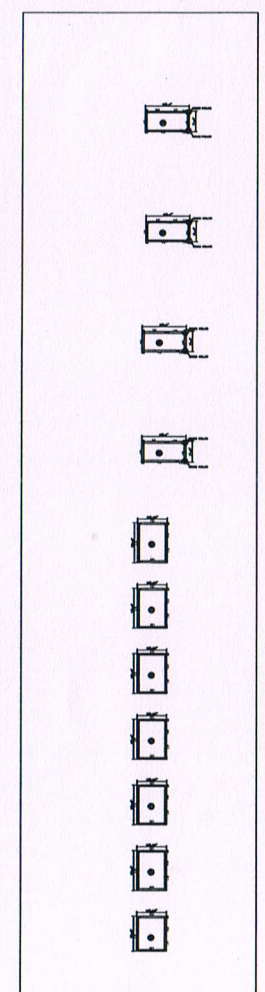
GROUND FLOOR ROOF SLAB LAYOUT



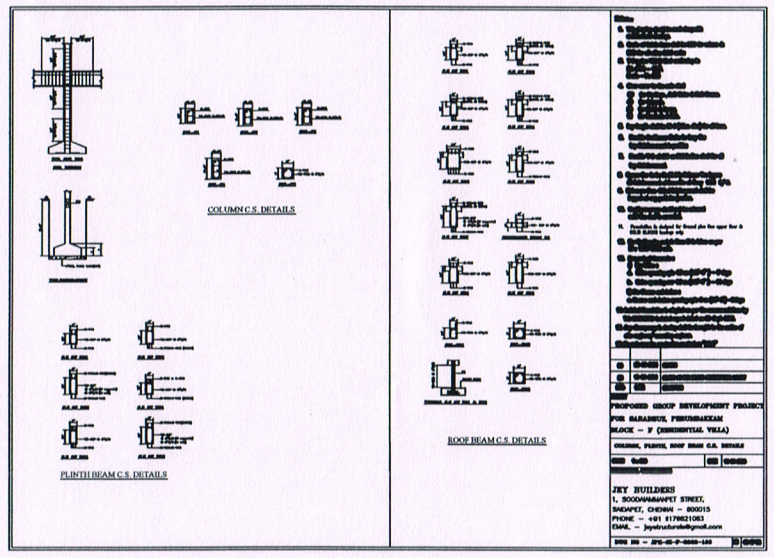
FIRST FLOOR ROOF BEAM LAYOUT

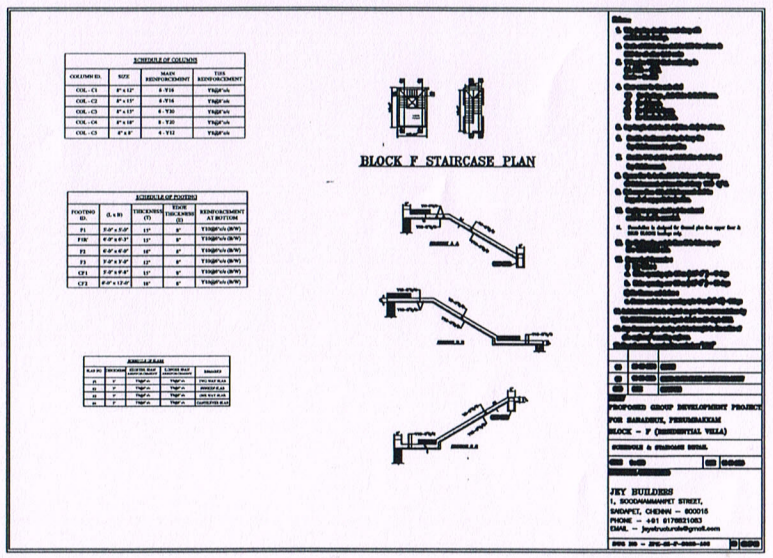


FIRST FLOOR ROOF SLAB LAYOUT

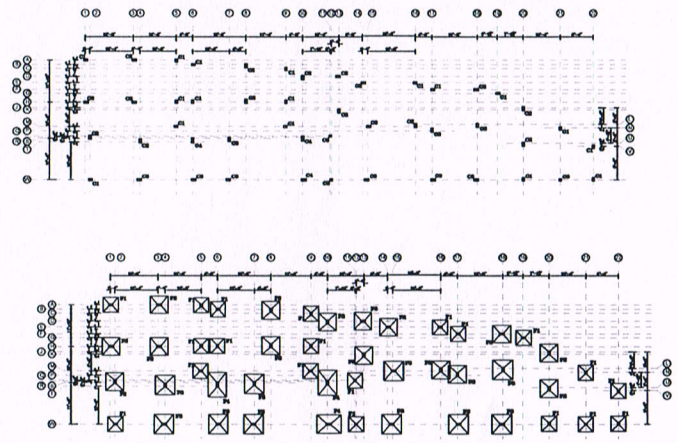


HEAD ROOM LAYOUT




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SCHEDULE OF COLUMNS

| COLUMN ID. | SIZE | MAIN REINFORCEMENT | TIES REINFORCEMENT |
|---|---|---|---|
| COL - C1 | 4" x 12" | 6 - Y16 | Y8@6"c/c |
| COL - C2 | 9" x 15" | 6 - Y16 | Y8@6"c/c |
| COL - C3 | 9" x 15" | 4 -Y20 + 2 -Y16 | Y8@6"c/c |
| COL - C4 | 9" x 18" | 4 -Y20 + 4 -Y16 | Y8@6"c/c |
| COL - C5 | 9" x 9" | 4 - Y16 | Y8@6"c/c |

SCHEDULE OF FOOTING

| FOOTING ID. | (L x B) | THICKNESS | EDGE THICKNESS | REINFORCEMENT AT BOTTOM |
|---|---|---|---|---|
| F1 | 4'-3" x 4'-3" | 14" | 6" | Y10@6"c/c (BW) |
| F2 | 5'-6" x 5'-6" | 16" | 6" | Y10@6"c/c (BW) |
| F3 | 5'-6" x 5'-6" | 18" | 6" | Y12@6"c/c (BW) |
| F4 | 5'-3" x 7'-0" | 21" | 6" | Y12@5"c/c (BW) |

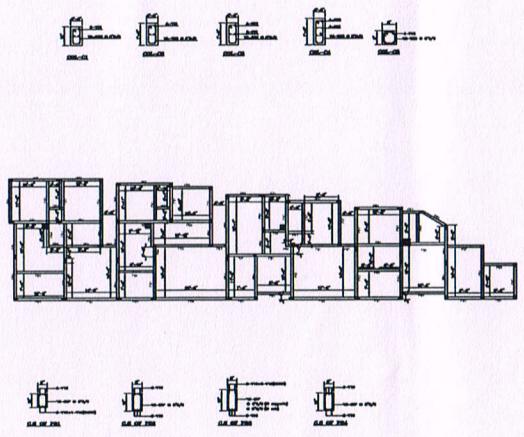
Notes:
1. The Architectural drawings shall be followed for all dimensions.
2. All dimensions are in mm unless otherwise mentioned.
3. All levels are in meters.
4. Concrete to be used:
   a) For footings, Slab/Beam/Columns - M 25 Mix.
   b) For Plinth beam - M 25 Mix.
   c) For Slab/Beam/Columns - M 25 Mix.
5. Reinforcement to be used:
   a) Fe 500 for all bars.
   b) Fe 415 for all bars.
6. Design loads as per IS 875 (Part 1 to 5) - code for dead loads and imposed loads.
7. Earthquake loads as per IS 1893 (Part 1) - 2002 code for seismic resistant design of structures.
8. Wind loads as per IS 875 (Part 3) - 1987 code for wind loads.
9. Soil bearing capacity assumed as 2 T/Sq.m.
10. Foundation is designed for Ground plus One upper floor & SLD R.C.C. loadings only.
11. Foundation is designed for Ground plus One upper floor & SLD R.C.C. loadings only.
12. Reinforcement details:
   a) Cover to footing - 50 mm (2"-0") - Top
   b) Cover to footing - 50 mm (2"-0") - Bottom
   c) For Columns and Beams
   d) Minimum lap length for Fe 500 bars - 50 x dia of bar.
   e) Minimum lap length for Fe 415 bars - 40 x dia of bar.
13. Anchorage length for Fe 500 bars - 50 x dia of bar.
14. Anchorage length for Fe 415 bars - 40 x dia of bar.
15. Any discrepancy in the drawings should be brought to the notice of the Engineer before proceeding with the work.
16. Concrete mix design should be done by the contractor and approved by the Engineer before proceeding with the work.

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADHUY, PERUMBAKKAM BLOCK – H (RESIDENTIAL VILLA)

COLUMN & FOUNDATION LAYOUT & DETAIL

JEY BUILDERS
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DWG NO – JPK-SS-SLC-2023-105

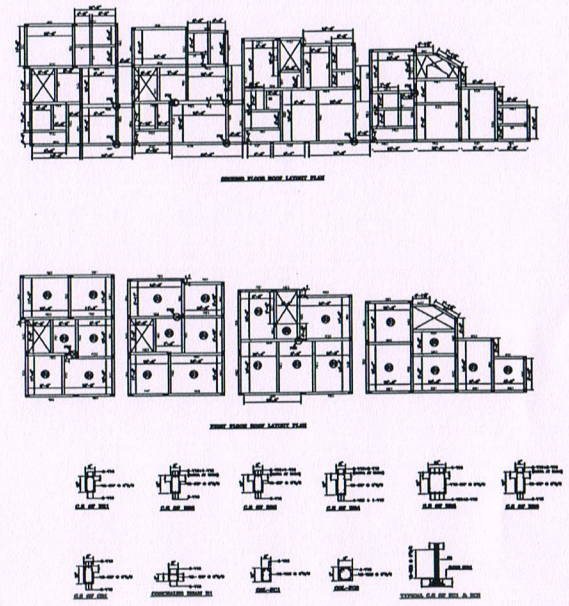


PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADHUY, PERUMBAKKAM BLOCK – H (RESIDENTIAL VILLA)

PLINTH BEAM LAYOUT AND DETAIL

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EMAIL – jeystructurals@gmail.com

DWG NO – JPK-SS-SLC-2023-105



PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADHUY, PERUMBAKKAM BLOCK – H (RESIDENTIAL VILLA)

ROOF BEAM LAYOUT & DETAIL

JEY BUILDERS
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PHONE – +91 9176821083
EMAIL – jeystructurals@gmail.com

DWG NO – JPK-SS-SLC-2023-105



SCHEDULE OF SLABS

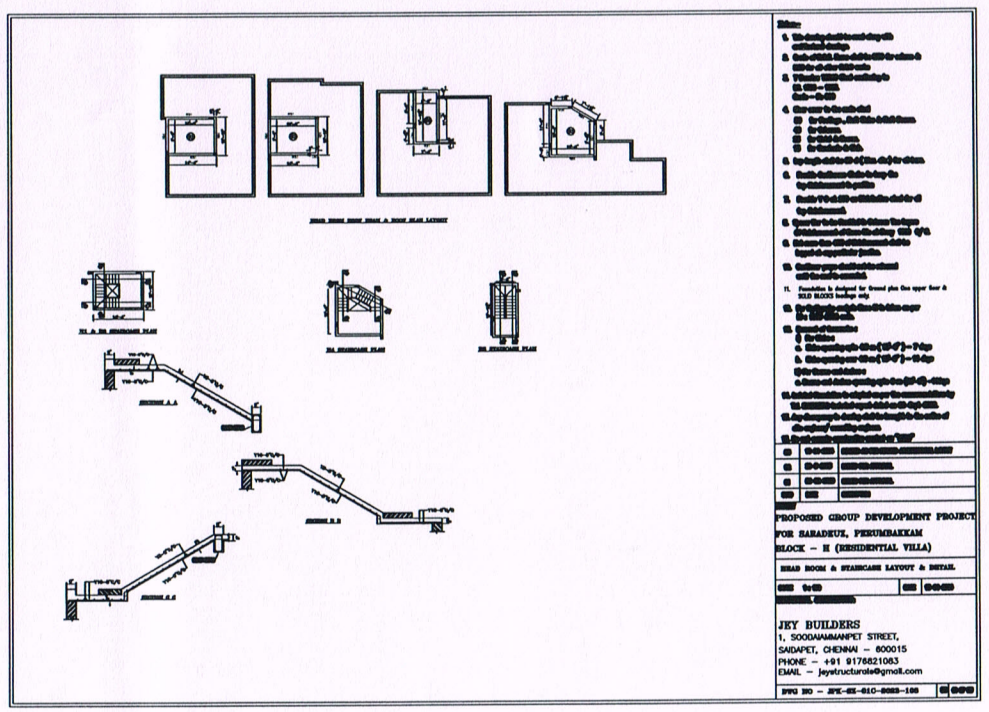
| SLAB NO | THICKNESS | MAIN REINFORCEMENT | DISTRIBUTION REINFORCEMENT | REMARKS |
|---|---|---|---|---|
| S1 | 5" | Y8@6"c/c | Y8@8"c/c | TWO WAY SLAB |
| S2 | 5" | Y8@6"c/c | Y8@8"c/c | ONE WAY SLAB |
| S3 | 5" | Y8@6"c/c | Y8@8"c/c | ONE WAY SLAB |
| S4 | 5" | Y8@6"c/c | Y8@8"c/c | CANTILEVER SLAB |

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADHUY, PERUMBAKKAM BLOCK – H (RESIDENTIAL VILLA)

ROOF SLAB LAYOUT & DETAIL

JEY BUILDERS
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PHONE – +91 9176821083
EMAIL – jeystructurals@gmail.com

DWG NO – JPK-SS-SLC-2023-105



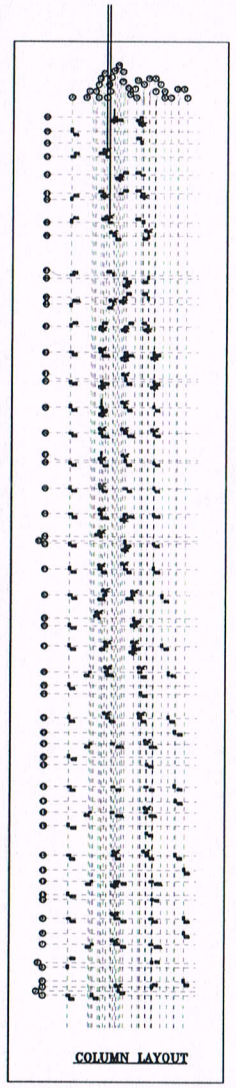
PROPOSED GROUP DEVELOPMENT PROJECT FOR SARADHUY, PERUMBAKKAM BLOCK – H (RESIDENTIAL VILLA)

HEAD ROOM & STAIRCASE LAYOUT & DETAIL

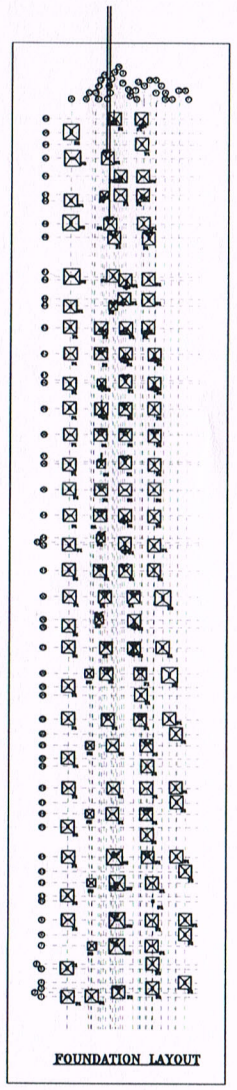
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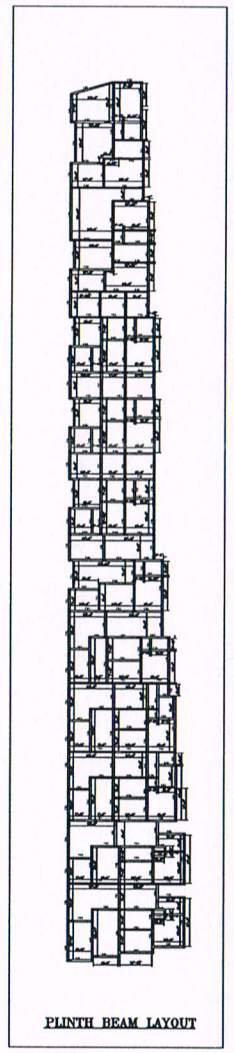
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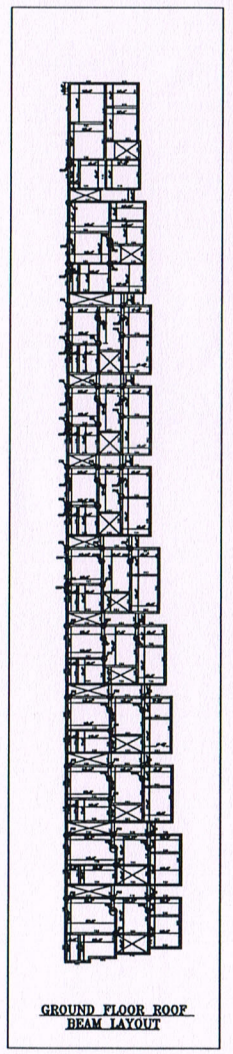
COLUMN LAYOUT



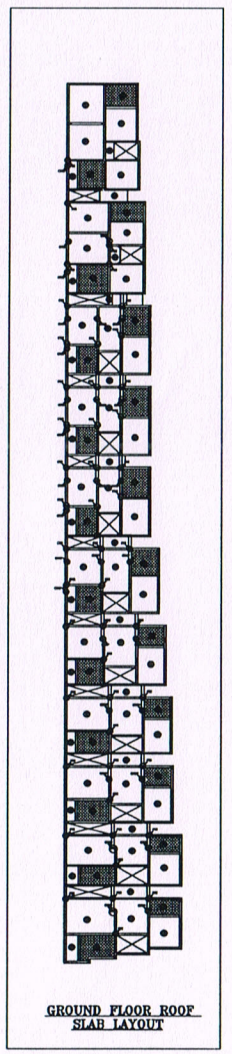
FOUNDATION LAYOUT



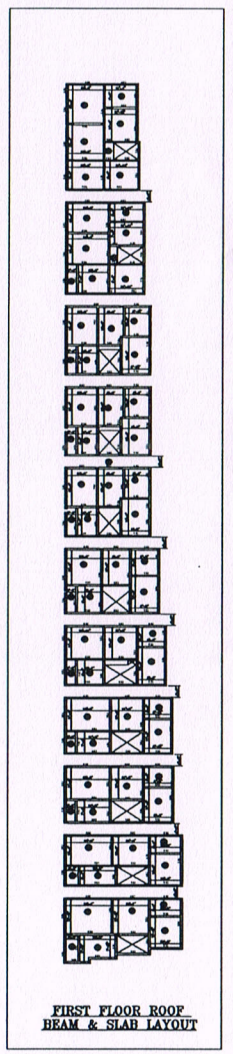
PLINTH BEAM LAYOUT



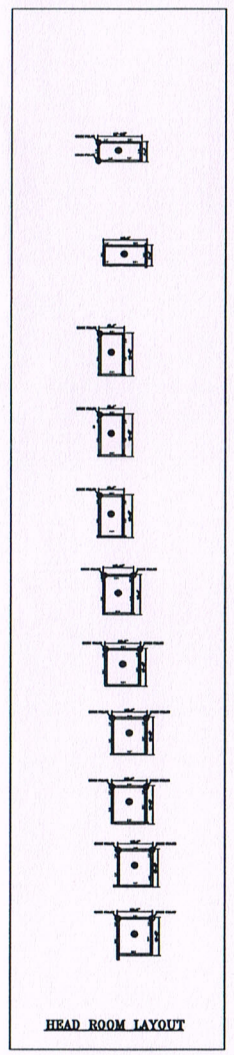
GROUND FLOOR ROOF BEAM LAYOUT



GROUND FLOOR ROOF SLAB LAYOUT



FIRST FLOOR ROOF BEAM & SLAB LAYOUT



HEAD ROOM LAYOUT

SCHEDULE OF COLUMNS

| COLUMN NO. | SIZE | MAIN REINFORCEMENT | TIES REINFORCEMENT |
|---|---|---|---|
| COL - C1 | 9" x 12" | 4 - Y16 | Y8@9"c/c |
| COL - C2 | 9" x 12" | 4 - Y16 | Y8@9"c/c |
| COL - C3 | 9" x 12" | 4 - Y16 + 2 Y12 | Y8@9"c/c |
| COL - C4 | 9" x 18" | 8 - Y20 | Y8@9"c/c |
| COL - C5 | 9" x 24" | 6 Y20 + 4 - Y16 | Y8@9"c/c |
| COL - C6 | 9" x 9" | 4 - Y12 | Y8@9"c/c |

COLUMN DETAILS

SCHEDULE OF FOOTING

| FOOTING ID. | L x W | THICKNESS (T) | EDGE THICKNESS (E) | REINFORCEMENT AT BOTTOM |
|---|---|---|---|---|
| F1 | 4'-0" x 4'-0" | 12" | 8" | Y10@9"c/c (X/W) |
| F2 | 5'-0" x 5'-0" | 15" | 8" | Y10@9"c/c (X/W) |
| F3 | 7'-0" x 7'-0" | 15" | 8" | Y10@9"c/c (X/W) |

FOUNDATION DETAILS

BLOCK I STAIRCASE PLAN

BLOCK I STAIRCASE SECTION

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARASWTI, PERUMBAKKAM BLOCK - I (RESIDENTIAL VILLA)

COLUMN, FOUNDATION & STAIRCASE DETAIL

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EMAIL :- jeystructures@gmail.com

BEAM DETAILS

TYPICAL C.S OF FC1 & FC2

SLAB DETAILS

PROPOSED GROUP DEVELOPMENT PROJECT FOR SARASWTI, PERUMBAKKAM BLOCK - I (RESIDENTIAL VILLA)

BEAM & SLAB DETAIL

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E-Mail: krishnajeyanth@gmail.com



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