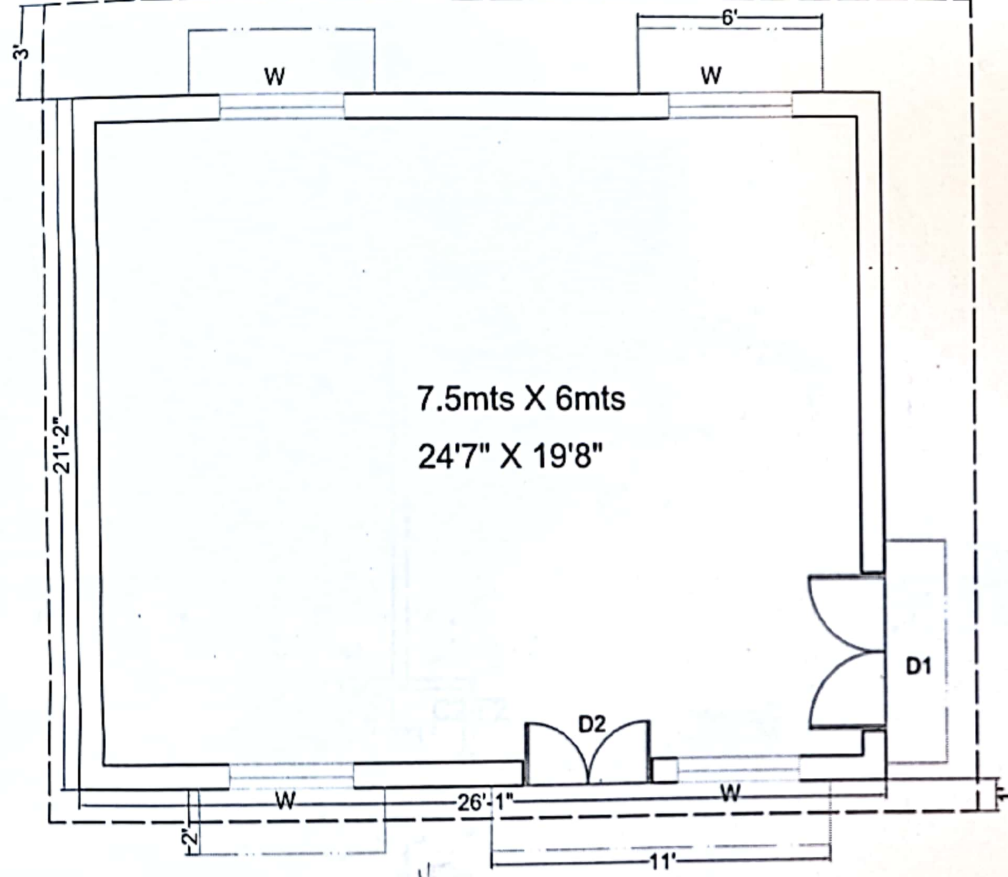


Name of the work: Construction of SHG / Federation Building for Groups

Estimate cost: Rs.10.00 lakhs



MAHATMA GANDHI NREGS

R O A D

Department:

Rural Development Department
Telangana state

Name of the work:

Construction of SHG / Federation
Building for Groups

Title:

Architectural Drawing

| Main Provisions: |
|---------------------------------------|
| 1. Hall with RCC Slab |
| 2. Ceiling Fans - 8 Nos |
| 3. Tube Lights - 8 Nos |
| 4. Fluorescent Street Lights - 7 Nos |
| 5. Doors - 2 Nos & 6. Windows - 4 Nos |

Note:
Colour code: White colour with blue border on par with Indiramma Houses (Details will be communicated shortly).

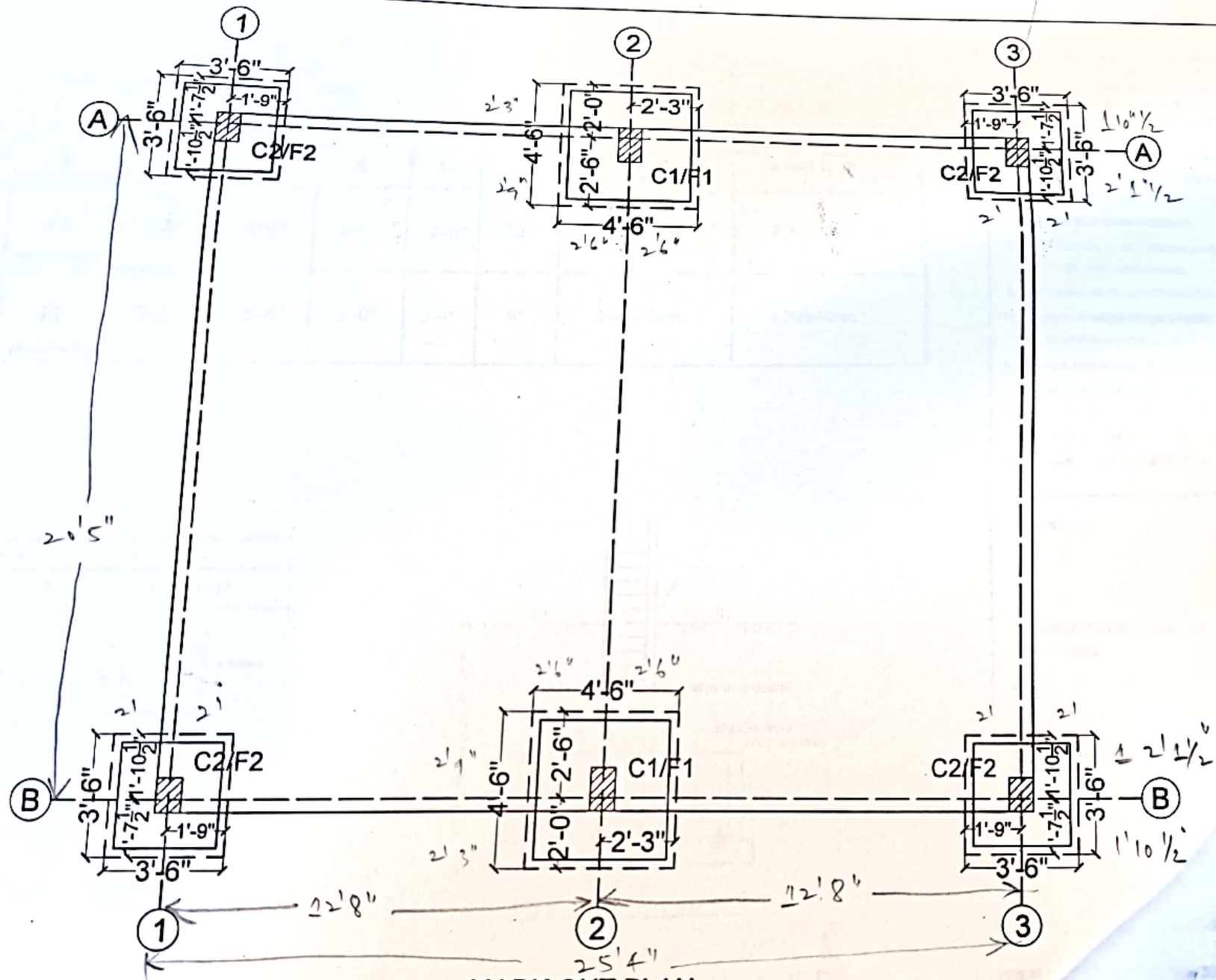
Land Requirement : 200 Sq. Yards approx.

Total Plinth Area: 552.11 sq.ft (51.28 sq.mts)

Total Carpet Area: 483.24 sq.ft (45 sq.mts)

Drawing No.: CRD/EGS/DWG/LA/12/2025

Revision No.: Rev. 0



MARK OUT PLAN

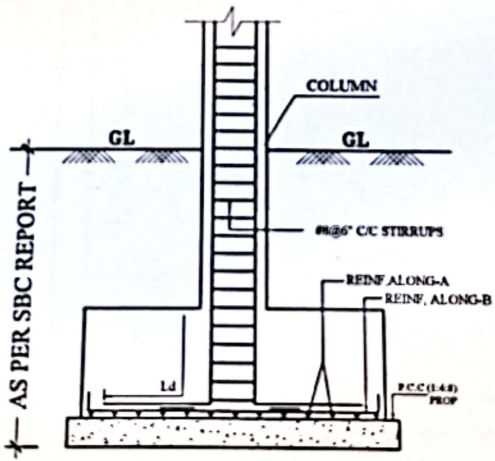
Construction of SHG/Federation Building for Groups

SBC OF SOIL : 250 kN/Sq.m

| Sl. No. | FOOTING F | PIT SIZE | | FOOTING SIZE | | DEPTH D | Ast1 Short span C/C | Ast2 Long span C/C |
|---------|-----------------------|----------|-------|--------------|-------|---------|---------------------------|--------------------------|
| | | A | B | A | B | | | |
| 1 | F1 FOOTING NOS (2) | 4'-6" | 4'-6" | 4'-0" | 4'-0" | 10" | 8 No's-10mm | 8 No's-10mm |
| 2 | F2 FOOTING NOS (4) | 3'-6" | 3'-6" | 3'-0" | 3'-0" | 9" | 6 No's-10mm | 6 No's-10mm |

- NOTES:**
1. Read this drawing along with Architecture Drg.
 2. This building is designed for GROUND FLOOR ONLY.
 3. Do not scale the drawing, follow the written dimensions.
 4. SBC of soil is taken as 250 Kn/Sq.m
 5. Clear cover for footings: (2") 50mm, column: (1 1/2") 40mm, Beams: (1") 25mm, and Slabs: (3/4") 20mm using wired Cover Blocks shall be used of same grade of concrete.
 6. Covering blocks shall be provided to all reinforcement including ties and stirrups.
 7. Use VRCC M.20 Grade of concrete.
 8. Use HYSD bars, Fy: 415 N/Sqmm, for steel confirming to IS: 1786 - 1981 reinforcement.
 9. Development length, Ld = 48 times Dia
 10. For any other details Clauses of IS:456-2000 and SP : 34 shall be referred.
 11. Concrete shall be vibrated for optimum density.
 12. Reinforcement shall be got checked before laying of concrete and curing shall be done continuously for 28 days.
 13. Strips should have standard hooks as per SP - 34.
 14. Only figured dimensions shall be followed.

| COLUMN | | | COLUMN SECTION |
|---------------|----|-----|---|
| MARK | L | B | COLUMNS DETAILS |
| C1 | 9" | 15" | <p>4-16mm 8mm @ 6" c/c</p> |
| COLUMN NOS(2) | | | |
| C2 | 9" | 12" | <p>4-16mm 4-12mm 8mm @ 6" c/c</p> |
| COLUMN NOS(4) | | | |



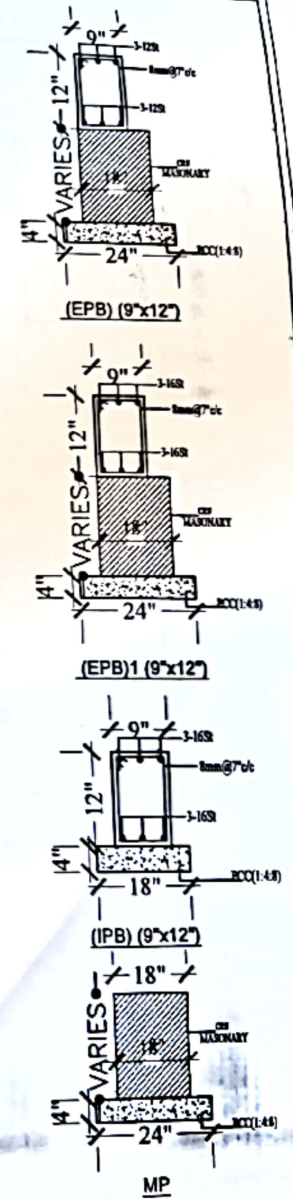
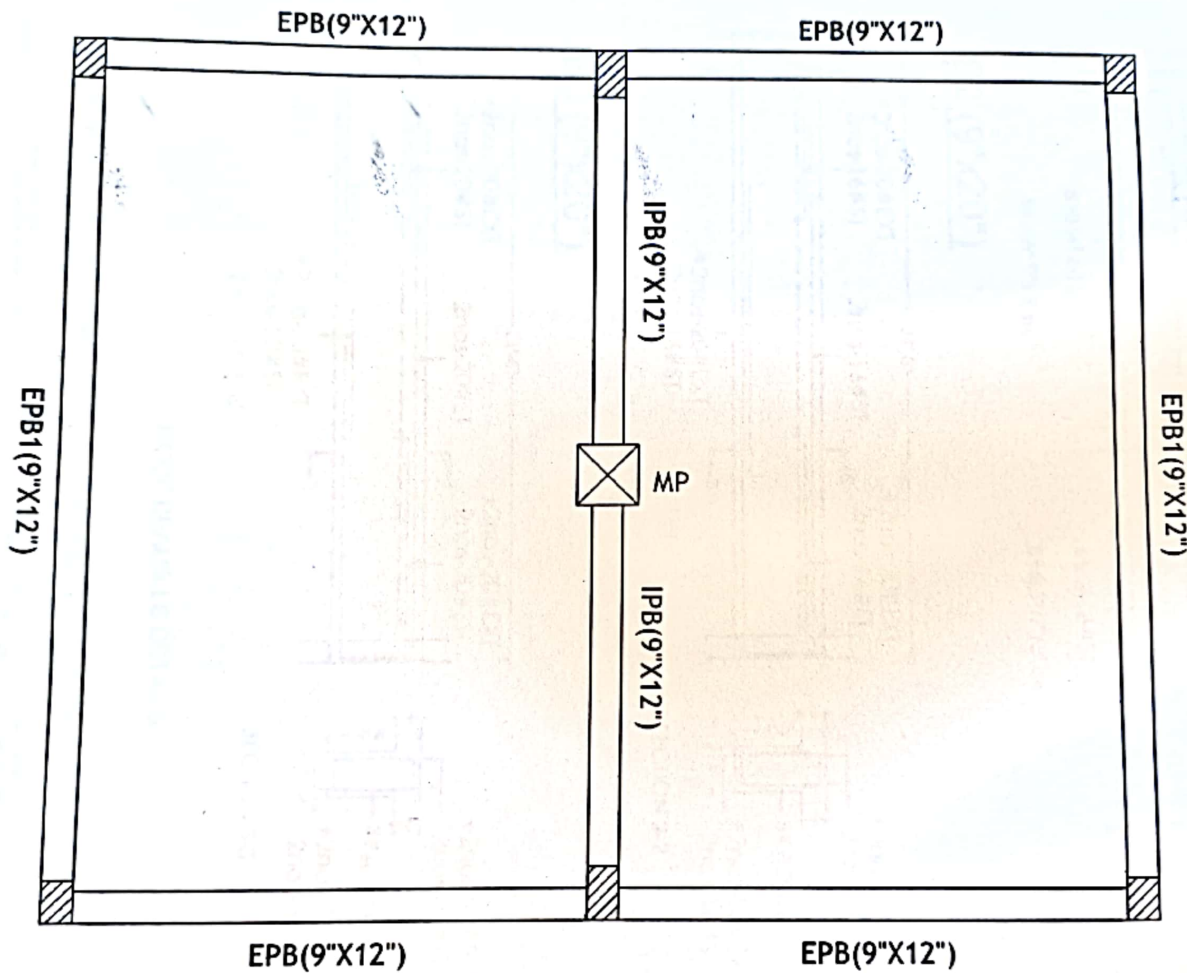
TYPICAL FOOTING SECTION

Project :

Construction of SHG/Federation Building for Groups

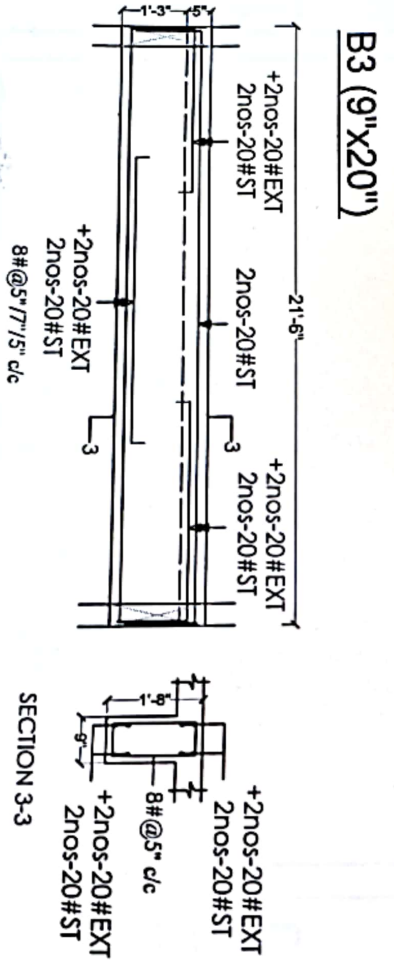
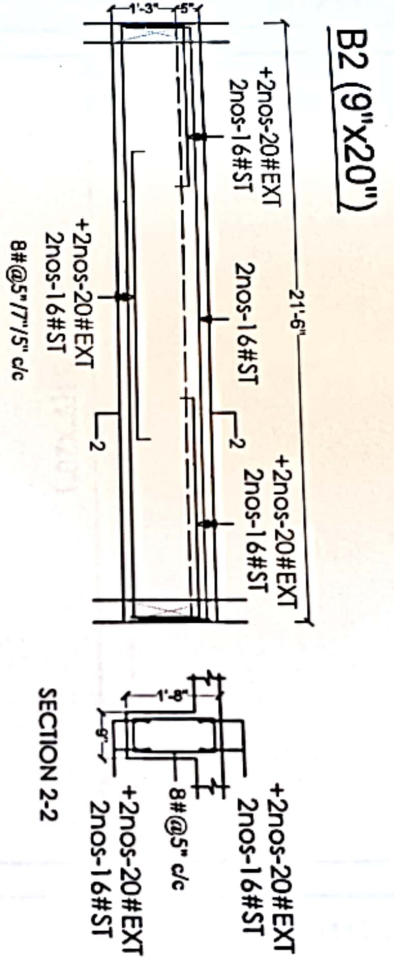
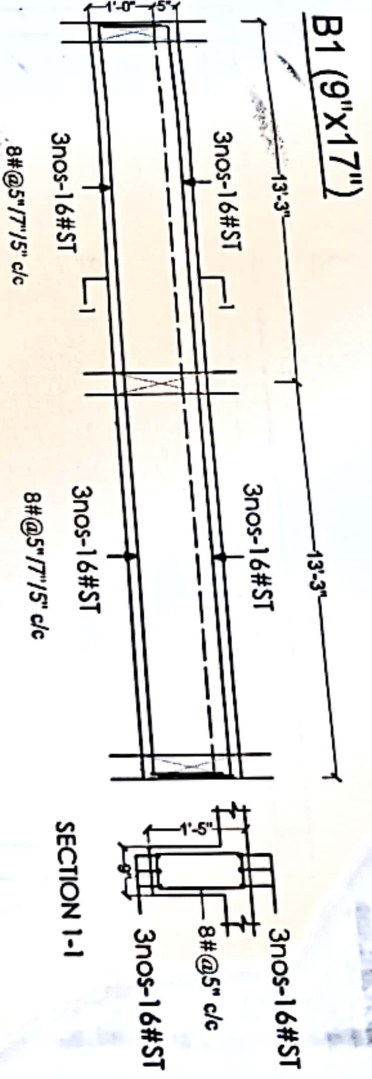
Title :

COLUMNS AND FOOTING DETAILS



PLINTH BEAMS LAY OUT AND DETAILS

Construction of SHG/Federation Building for Groups



ROOF BEAMS LS DETAILS

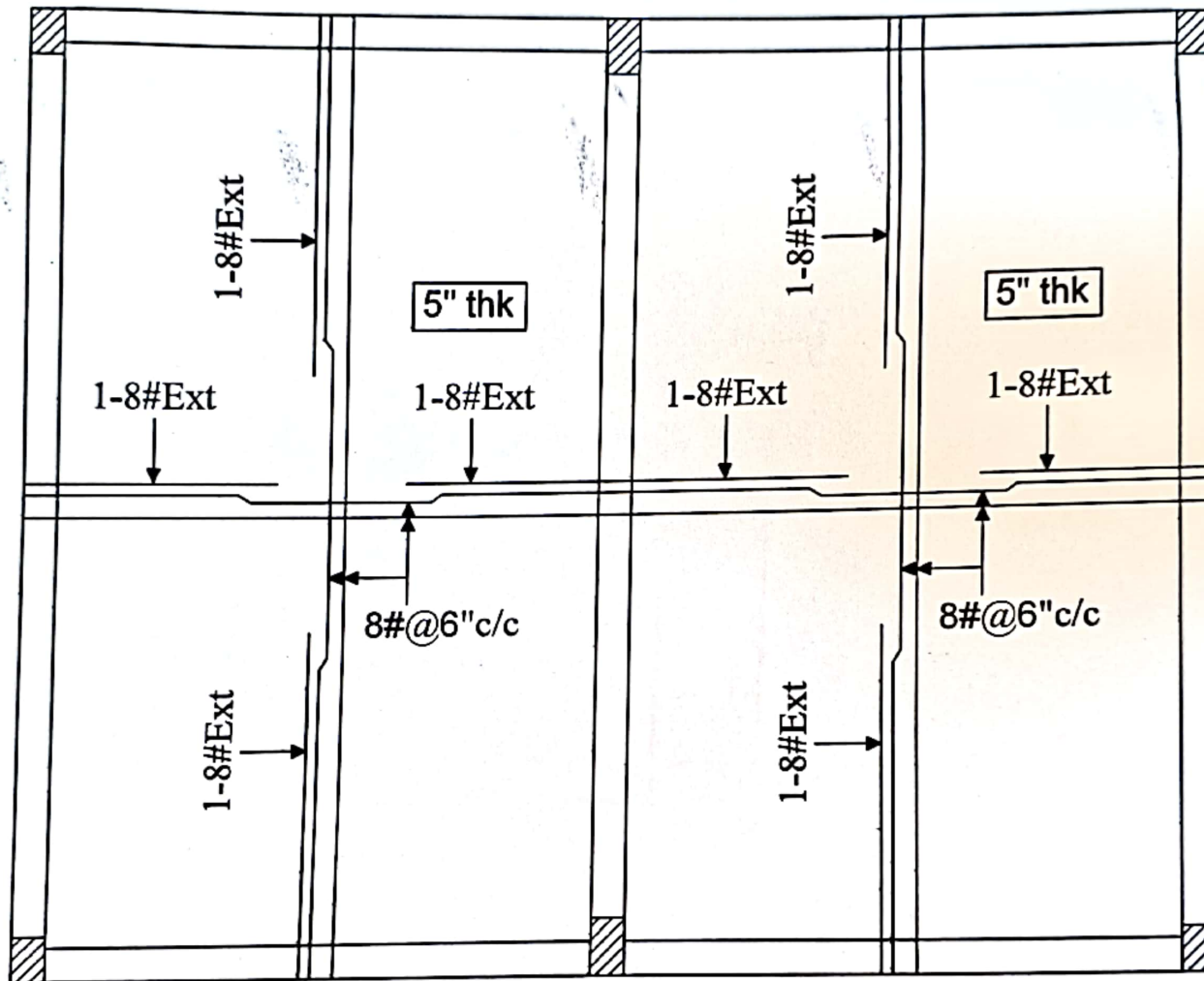
Construction of SHG/Federation Building for Groups



ROOF BEAMS FRAMING LAY OUT

UNIFORM SLAB 5" THICK

Construction of SHG/Federation Building for Groups



UNIFORM SLAB 5" THICK

Construction of SHG/Federation Building for Groups