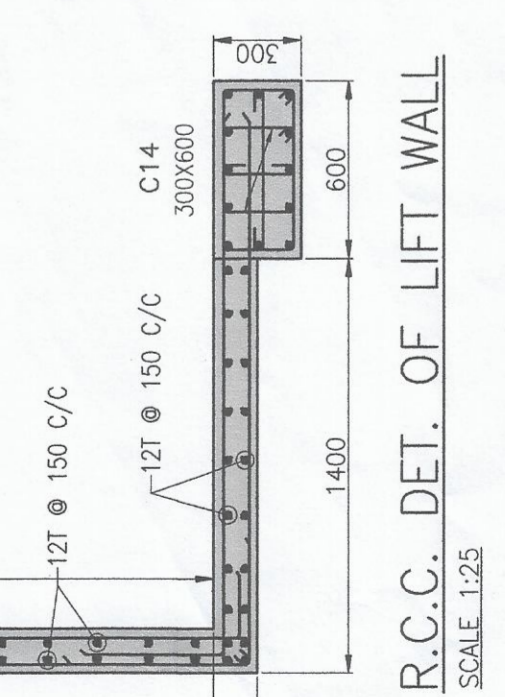
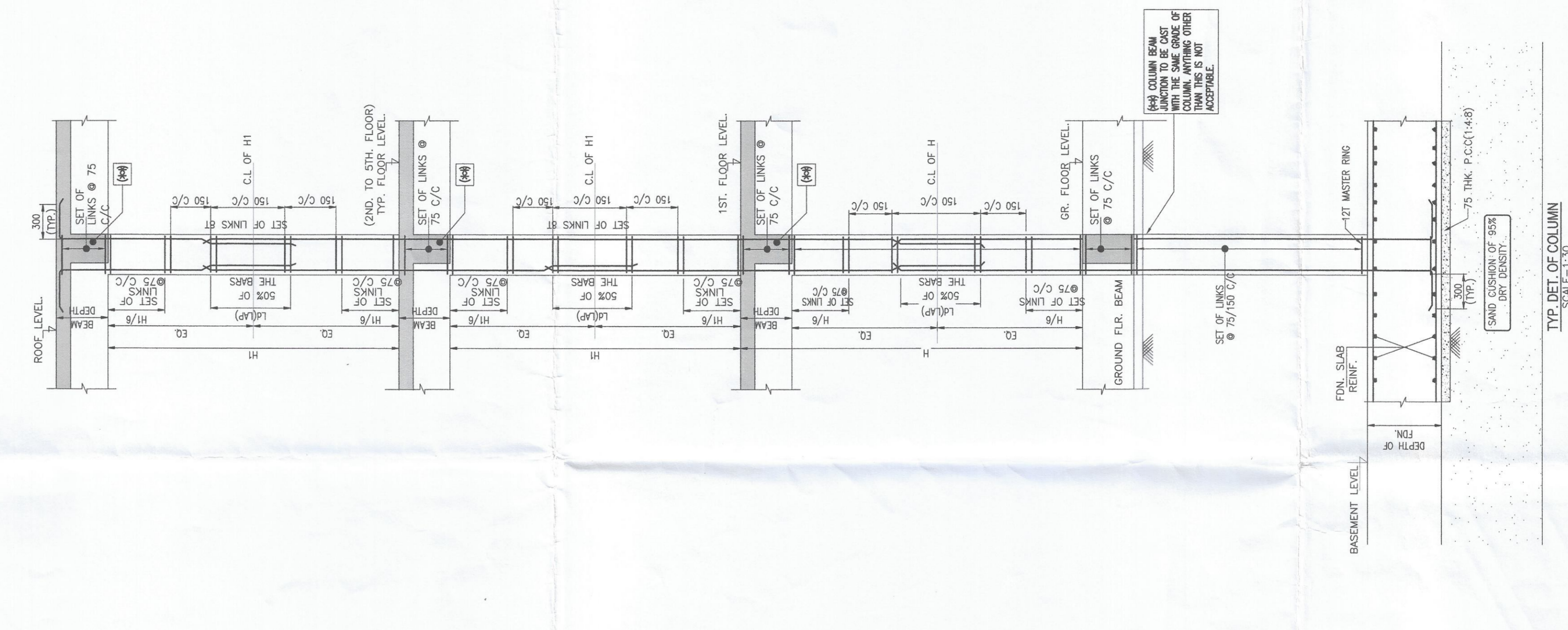
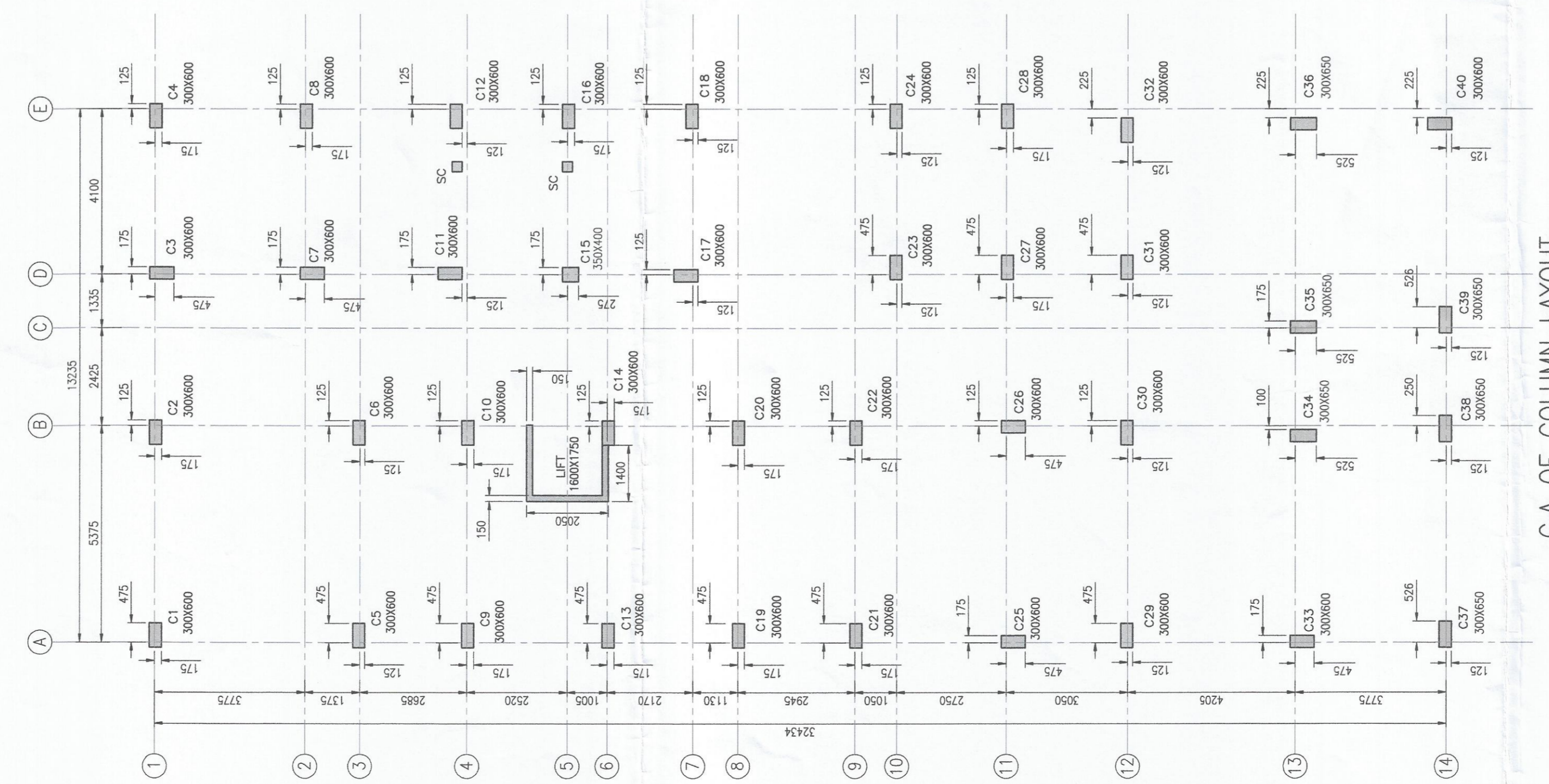


**SCHEDULE OF COLUMNS:**  
GRADE OF CONCRETE : M25 & GRADE OF STEEL: F500

| LEVEL                   | 14-16T   | 12-20T            | 12-16T            | 4-20T+10-16T      | 2-20T               | 12-16T            | 12-16T            | 4-20T+10-16T      | 12-25T            | 12-16T            | 6-25T+6-20T       | 12-25T            | 12-25T            | 4-25T+10-20T      | 14-20T            | 6-25T+8-20T       | 10-20T            | 4-20T+6-16T       | 6-25T+4-20T       |     |
|-------------------------|--|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| ROOF TO 1ST. FLR.       |  |                   |                   |                   |                     |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |     |
| COL. REINF.             | 14-20T   | 12-20T            | 12-16T            | 4-20T+10-16T      | 2-20T               | 12-16T            | 12-16T            | 4-20T+10-16T      | 12-25T            | 12-16T            | 6-25T+6-20T       | 12-25T            | 12-25T            | 4-25T+10-20T      | 14-20T            | 6-25T+8-20T       | 10-20T            | 4-20T+6-16T       | 6-25T+4-20T       |     |
| 3RD. FLR. TO 1ST. FLR.  | 3-20T  | 3-20T             | 3-20T             | 3-20T             | 3-20T               | 3-20T             | 3-20T             | 3-20T             | 3-25T             | 3-20T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-20T             | 3-20T             |     |
| COL. REINF.             | 14-20T   | 12-20T            | 12-16T            | 4-20T+10-16T      | 2-20T               | 12-16T            | 12-16T            | 4-20T+10-16T      | 12-25T            | 12-16T            | 6-25T+6-20T       | 12-25T            | 12-25T            | 4-25T+10-20T      | 14-20T            | 6-25T+8-20T       | 10-20T            | 4-20T+6-16T       | 6-25T+4-20T       |     |
| 1ST. FLR. TO FOUNDATION | 3-20T  | 3-20T             | 3-20T             | 3-20T             | 3-20T               | 3-20T             | 3-20T             | 3-20T             | 3-25T             | 3-20T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-25T             | 3-20T             | 3-20T             |     |
| COL. REINF.             | 14-20T   | 12-20T            | 12-16T            | 4-20T+10-16T      | 2-20T               | 12-16T            | 12-16T            | 4-20T+10-16T      | 12-25T            | 12-16T            | 6-25T+6-20T       | 12-25T            | 12-25T            | 4-25T+10-20T      | 14-20T            | 6-25T+8-20T       | 10-20T            | 4-20T+6-16T       | 6-25T+4-20T       |     |
| COL. SIZE               | 300 X 600  | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600           | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 600         | 300 X 400         |     |
| COL. MNO.               | C1,C2,C6,C9,C11,C12,C13,C18,C21,C23,C24,C30,C32,C40. | C3,C7,C22         | C4,C14,C19,C31    | C5,C8,C17,C24     | C10,C16,C20,C27,C28 | C25,C26,C33       | C34,C37,C38,C39   | C35               | C36               | C38               | C39               | C40               | C41               | C42               | C43               | C44               | C45               | C46               | C47               | C48 |
| LINK                    | 8T @ 75 / 150 C/C                                    | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C   | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C | 8T @ 75 / 150 C/C |     |



**NOTES:-**

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
- SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK WITH 1:6 CEMENT MORTAR.
- GRADE OF CONC. M-25, OTHERWISE MENTIONED.
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
- FOR STEEL GRADE Fe 500 AS PER I.S 1786-2008.
- LAPS, SPICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
- ALL DISTRIBUTION BARS ARE 8 TOR @ 200 C/C AND TO BE PROVIDED WHEREVER REQUIRED
- ALL SPACER BARS ARE 25 TOR @ 1000 C/C AND TO BE PROVIDED WHEREVER REQUIRED
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:
 

| MEMBER    | TOP | BOTTOM | SIDE |
|-----------|-----|--------|------|
| a. BEAM   | 30  | 30     | 30   |
| b. COLUMN | —   | —      | 40   |
| c. SLAB   | 25  | 25     | 25   |
| d. FDN    | 50  | 75     | 50   |

Space for office use.

THIS IS TO CERTIFY THAT I SHALL NOT ON A LATER DATE, MAKE ANY ADDITION OR ALTERATION TO THIS PLAN. THIS IS CERTIFIED THAT I HAVE GONE THROUGH THE NBC OF INDIA AND ALSO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF BUILDING. I HAVE KIND OF ADDITION OR ALTERATION FROM THIS PLAN. CONCERNED ENGINEERS SHALL NOT BE RESPONSIBLE.

SIGNATURE OF THE OWNER

SIGNATURE OF ARCHITECT/LS

THE STRUCTURAL DESIGN AND FRAMING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN DESIGNED BY ME, CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND SOUND. I HAVE NOT USED ANY UNRECORDED DRAWING AND FOR THE PURPOSE OF ITS INTENDED USE FOR WHICH IT HAS BEEN DESIGNED.

SIGNATURE OF STRUCTURAL ENGINEER.

Civil & Structural Consultants.  
**M/S SDN CONSULTANT**  
 Civil & Structural Engineers  
 26/3/1A Surya Sen Street,  
 Kolkata-700009  
 Ph.no.-9123025265  
 E-MAIL: sdncon2024@gmail.com

**PROJECT :**  
 PROPOSED SIX (B+G+5) STORED RESIDENTIAL APARTMENT OF SRI. ANAND PANDEY, S/O- LATE NARENDRA NATH PANDEY OVER R.S PLOT NO:- 195 /340, L.R.PLOT NO.-511, L.R KHATIAN NO:- 13294 J.L. NO - 37, OF MOUZA - BENAGORIA, P.S.- SALANPUR, DIST. - PASCHIM BARDHAMAN UNDER RUPNARAYAN GRAM PANCHAYAT, WEST BENGAL.

DATE: 15.01.2026  
 SCALE: 1:100, 20, 30  
 REVISION: 00  
 19512-2025

DRG. NO. - SDN/STR/195ANAND\_KUMARI/2-2025

STATUS:  INFORMATION  APPROVAL  SUBMISSION

TITLE: COLUMN LAYOUT & RCC DETAIL

DRAWN BY: SUDIPTA  
 CHECKED BY: DEBOJYOTI  
 JOB NO. - 19512-2025

DATE: 15.01.2026  
 SCALE: 1:100, 20, 30  
 REVISION: 00