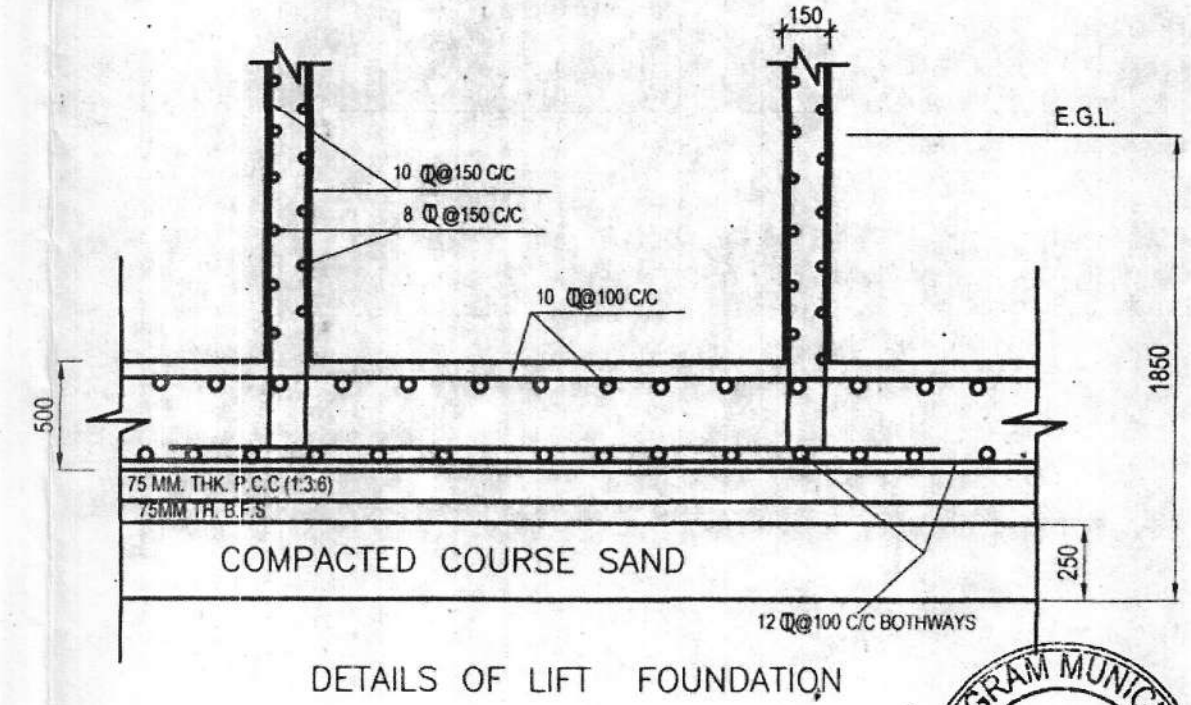
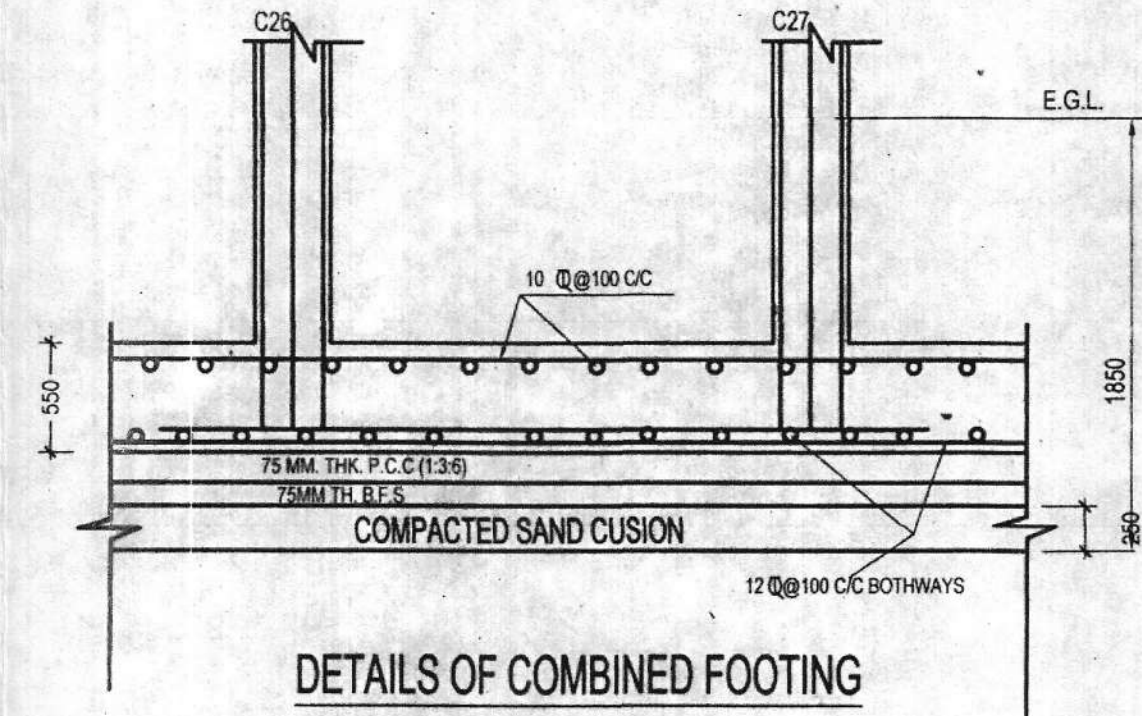
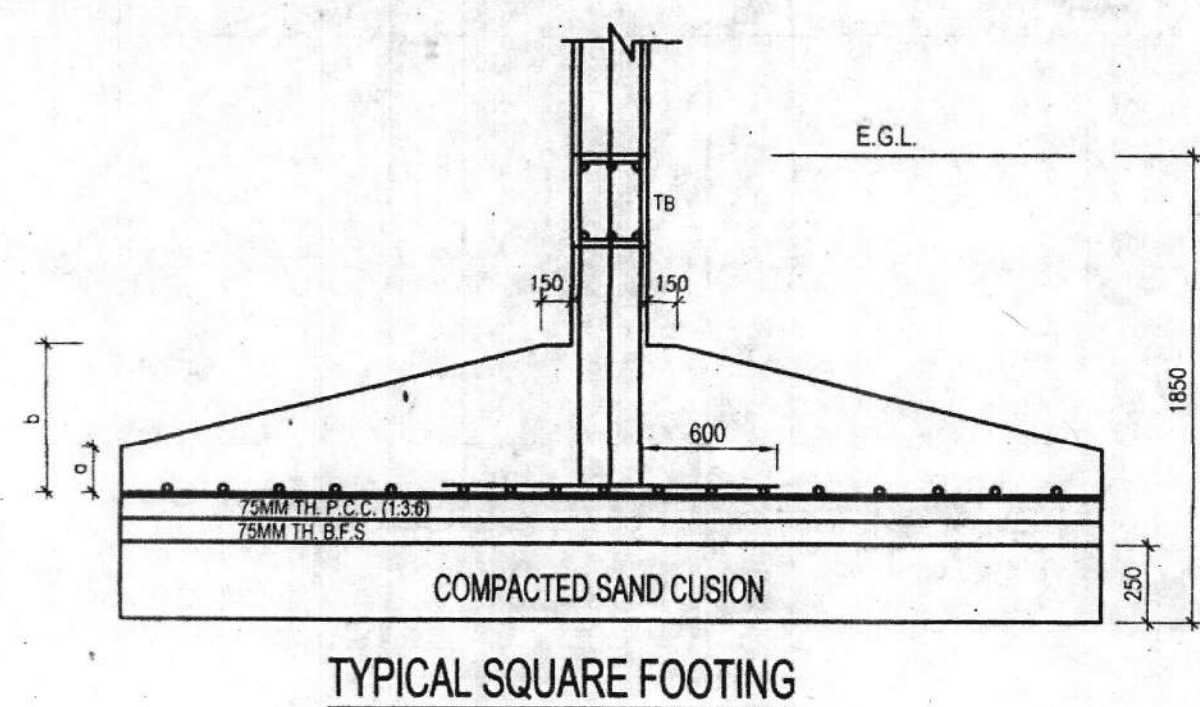
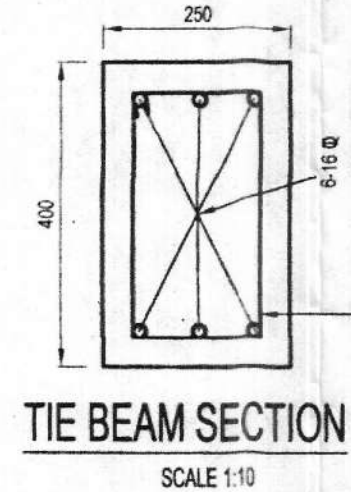
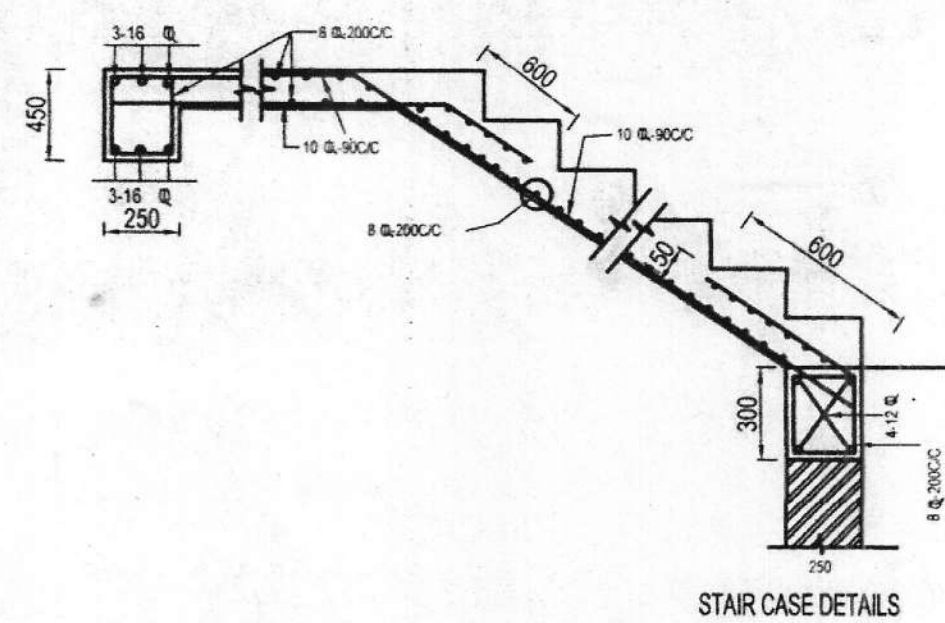


SLAB CHART

SLAB MKD.	SLAB DEPTH	MIDSPAN STEEL		SUPPORT STEEL	
		SHORTER DIR.	LONGER DIR.	SHORTER DIR.	LONGER DIR.
A	130	8@100C/C	8@100C/C	8@100C/C	8@100C/C
B	150	8@100C/C	8@100C/C	8@100C/C	8@100C/C

BEAM CHART

BEAM MKD.	SECTION	MIDSPAN STEEL		SUPPORT STEEL		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
B2	250X400	3-20	6-20	6-20	3-20	8@100C/C
B1	250X400	3-16	6-16	6-16	3-16	8@150C/C

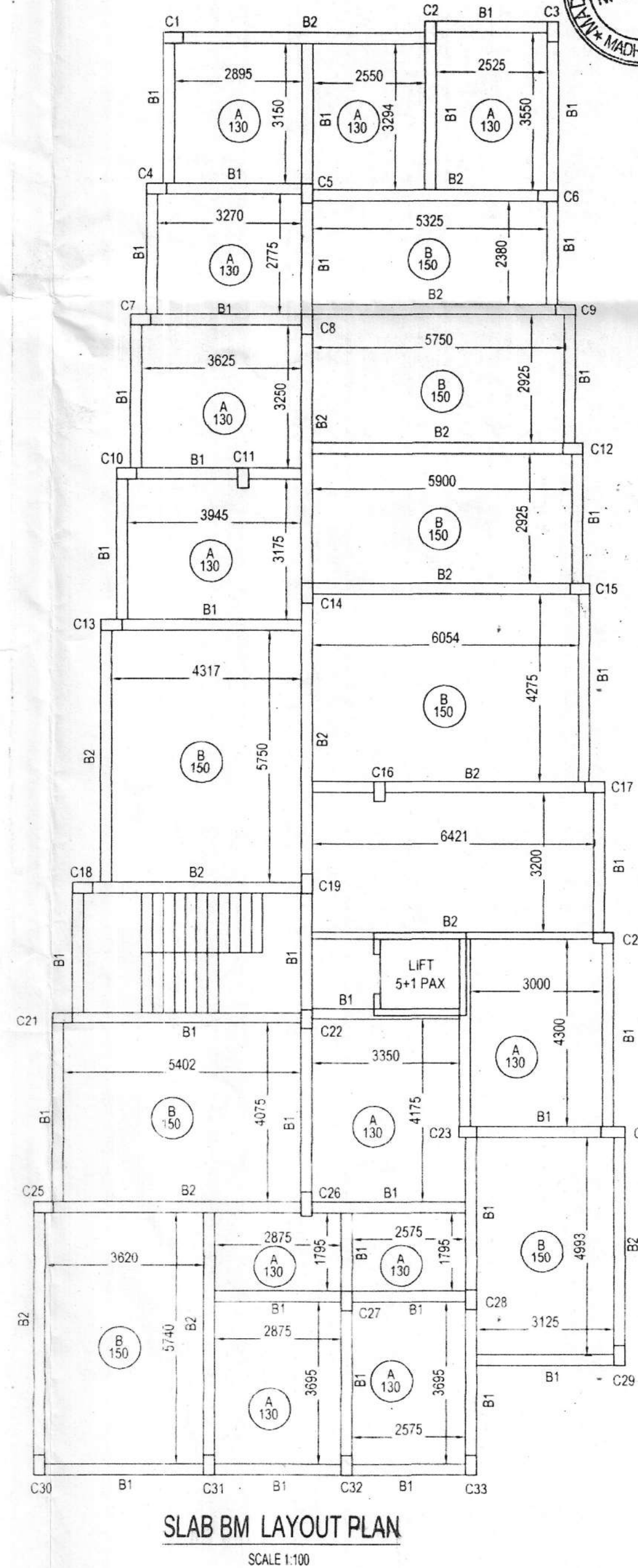
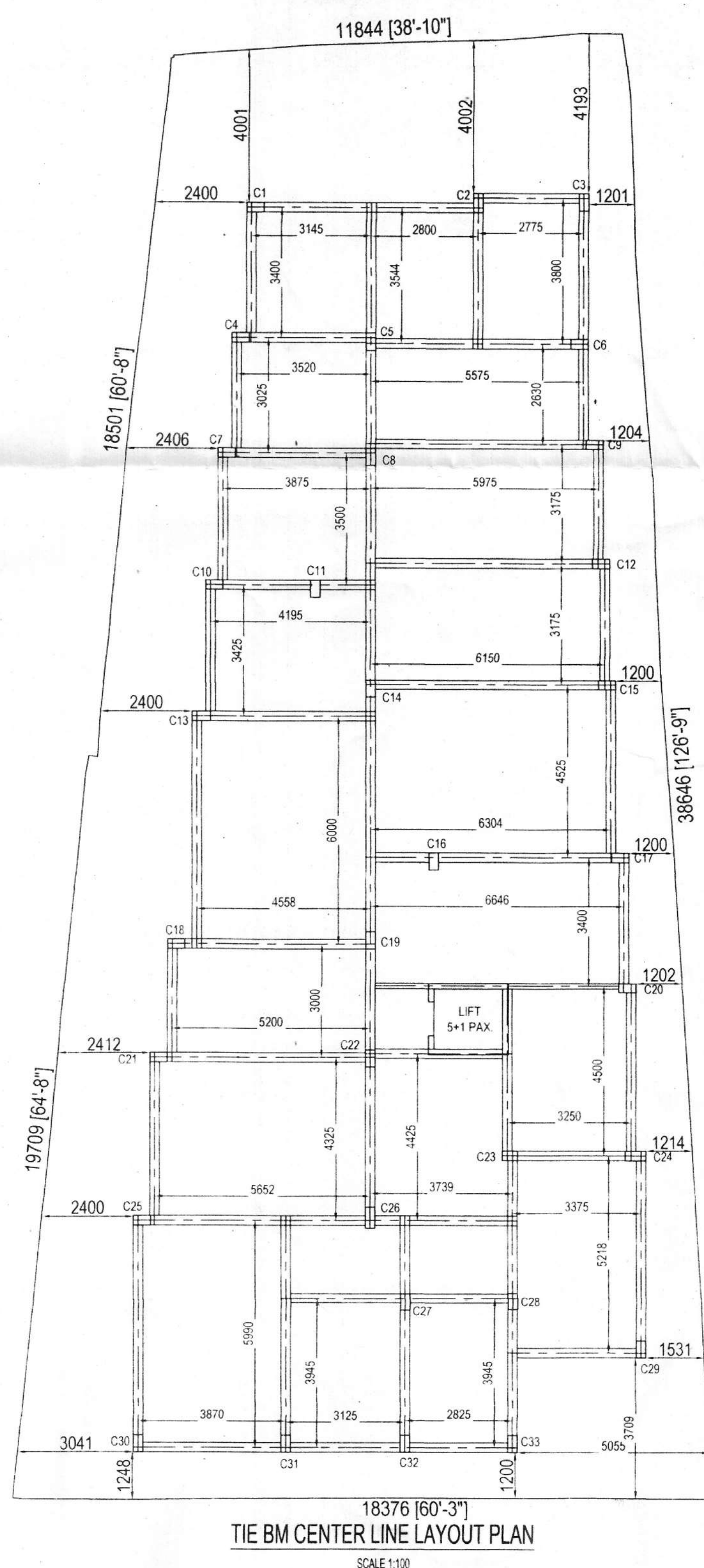
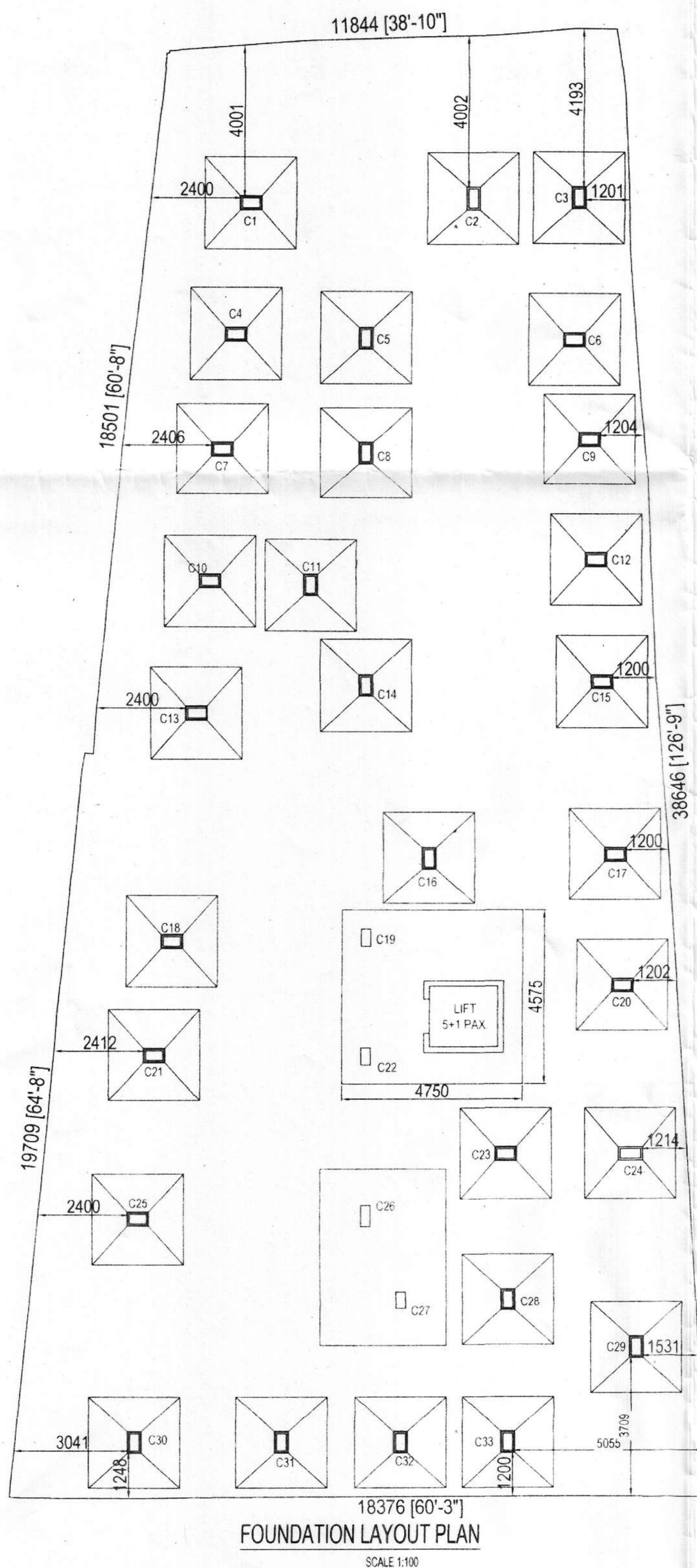


COLUMN CHART

COL. MKD.	REINFORCEMENT	STIRRUPS
C1,C3,C29,C30,C33	250X450 10-16	8@150C/C
C2,C4,C6,C7,C9,C10,C12 C13,C15,C17,C18,C20,C21 C24,C25,C31,C32,C33	250X500 10-16	8@150C/C
C5,C8,C11,C14,C16,C19 C22,C23,C26,C27,C28	250X500 10-20	8@150C/C

FOUNDATION CHART

COL. MKD.	SECTION AXB	DEPTH b to a	REINFORCEMENT
C1,C3,C29,C30,C33	2400X2400	500 TO 200	12 @ -100C/C B/WAYS
C2,C4,C6,C7,C9,C10,C12 C13,C15,C17,C18,C20,C21 C24,C25,C31,C32,C33	2600X2600	600 TO 250	12 @ -100C/C B/WAYS
C5,C8,C11,C14,C16,C19 C22,C23,C26,C27,C28	2800X2800	700 TO 200	12 @ -100C/C B/WAYS



STRUCTURAL DETAILS OF PROPOSED G + IV-STORIED RESIDENTIAL CUM COMMERCIAL BUILDING OWNED BY SRI. SUBHAS CHANDRA DUTTA AT CORRESPONDING TO MOUZA - HUMAIPUR, J.L.NO.- 52, Re. Su. NO.- 56,R.S. DAG NO.- 532, L.R. DAG NO.- 830, L.R. KHATIAN NO.- 5440, 7210, HOLDING NO - 11 SRINAGAR 1NO., WARD NO.-08 .P.S.-MADHYAMGRAM, DISTRICT - NORTH 24- PARGANAS, UNDER MADHYAMGRAM MUNICIPALITY.

CERTIFICATE OF STRUCTURAL STABILITY:-

I/WE HEREBY CERTIFIED THAT THE FOUNDATION & SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PLOT NO. STREET - SRINAGAR 1NO, WARD NO. - 08 UNDER THE JURISDICTION OF MADHYAMGRAM MUNICIPALITY/NOTIFIED AREA AUTHORITY/ INDUSTRIAL TOWNSHIP AUTHORITY HAVE BEEN PERSONALLY INSPECTED AND SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY & SETTLEMENT OF SOIL & OTHER CONDITIONS,IF ANY, CONFORMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

SIGNATURE OF STRUCTURAL ENGINEER  
(NAME, ADDRESS & EMPANELMENT NO.)

SIGNATURE OF GEO-TECHNICAL ENGINEER  
(NAME, ADDRESS & EMPANELMENT NO.)

CERTIFICATE OF OWNER:-

CERTIFIED THAT I SHALL NOT ON A LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN. CERTIFIED THAT I HAVE GONE THROUGH THE RULES FOR MADHYAMGRAM MUNICIPALITY AND ALSO UNDER TAKE TO ABIDE BY THOSE RULES DURING & AFTER THE CONSTRUCTION OF THE BUILDING.

SIGNATURE OF OWNER

NOTES:-

- 1) ALL DIMENSIONS ARE IN MM
- 2) GRADE OF CONCRETE M20
- 3) GRADE OF STEEL Fe 500
- 4) COVER AGAINST MAIN REINFORCEMENT  
COLUMN- 40  
FOUNDATION-50  
SLAB- 15  
BEAM-25
- 5) LAP LENGTH  
COLUMN= 40X DIA. OF BAR  
SLAB BEAM=50X DIA. OF BAR
- 6) THE DRW. SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRW.

C.A. CONSTRUCTION,  
(A GROUP OF CIVIL ENGINEERS)  
G2+G3, MADHYAMGRAM MUNICIPAL MARKET COMPLEX,  
KOLKATA-700129  
PH. (033) 2538-8009

DWG. NO. - SHYAM DUTTAG-IV- STRUCTURE SANCTION-2022

DRAWN BY :- RUMA

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