

COLUMN SCHEDULE			
COLUMN MNO.	COLUMN SIZE (MMXMM)	REINFORCEMENT	LINK OR PUSH
C1, C19, C20, C21, C22	250x450	12-16 Φ	8 Φ @ 175 C/C
C2, C3, C4, C5, C6, C7, C8, C11, C14, C23, C24	250x500	12-16 Φ + 4-20 Φ	8 Φ @ 175 C/C
C9, C10, C11, C12, C15, C16, C17, C18	250x550	12-16 Φ + 4-20 Φ	8 Φ @ 175 C/C
STOOL COLUMN	250x250	4-16 Φ	8 Φ @ 175 C/C

SLAB SCHEDULE		REINFORCEMENT	
SLAB MNO.	THICKNESS	REINFORCEMENT	REMARKS
S1	125MM	PROVIDE 8 Φ @ 150 c/c AT BOTTOM IN SHORT DIRECTION & 8 Φ @ 150 c/c IN LONGER DIRECTION AT BOTH ALTERNATELY CRANDED AT SUPPORT. PROVIDE EXTRA TOP 8 Φ @ 300 c/c IN SHORT AND LONG DIRECTION RESPECTIVELY.	
S2	150MM	PROVIDE 8 Φ @ 150 c/c AT BOTTOM IN SHORT DIRECTION & 8 Φ @ 150 c/c IN LONGER DIRECTION AT BOTH ALTERNATELY CRANDED AT SUPPORT. PROVIDE EXTRA TOP 8 Φ @ 300 c/c IN SHORT AND LONG DIRECTION RESPECTIVELY.	
S3	115MM	PROVIDE 8 Φ @ 150 c/c AT BOTTOM IN SHORT DIRECTION & 8 Φ @ 150 c/c IN LONGER DIRECTION AT BOTH ALTERNATELY CRANDED AT SUPPORT. PROVIDE EXTRA TOP 8 Φ @ 300 c/c IN SHORT AND LONG DIRECTION RESPECTIVELY.	
S4	115MM	PROVIDE 8 Φ @ 150 c/c AT BOTTOM IN SHORT DIRECTION & 8 Φ @ 150 c/c IN LONGER DIRECTION AT BOTH ALTERNATELY CRANDED AT SUPPORT. PROVIDE EXTRA TOP 8 Φ @ 300 c/c IN SHORT AND LONG DIRECTION RESPECTIVELY.	

FOUNDATION SCHEDULE			
FND. MNO.	FND. SECTION	ASSOCIATED COLUMN	ISOLATED & COMBINED FOOTING
F1	2500	C1, C2, C7, C20, C23	D1, D2, D3 (C1/C2)
F2	2250	C20, C21, C22	D1, D2, D3
F3	2750	C3, C4, C5, C6, C8, C25, C24, C25, C26	D1, D2, D3
F4	3000	C17, C11	D1, D2, D3
CM1	2500	C14, C19	D1, D2, D3
CM2	4600	C9, C10, C15, C16 & LIFT	D1, D2, D3

BEAM SCHEDULE			
BEAM MNO.	SECTION	REINFORCEMENT	STIRRUPS
B1	250x450	4-16 Φ TOP, 3-16 Φ BOTTOM	2L-8 Φ @ 200 c/c
B2	250x550	3-16 Φ TOP, 2-16 Φ BOTTOM	2L-8 Φ @ 200 c/c
B3	250x550	3-16 Φ TOP, 3-16 Φ BOTTOM	2L-8 Φ @ 200 c/c
B4	250x300	2-16 Φ TOP, 2-16 Φ BOTTOM	2L-8 Φ @ 200 c/c
TB1	250x400	4-16 Φ TOP, 2-16 Φ BOTTOM	2L-8 Φ @ 200 c/c
TB2	250x300	4-12 Φ TOP, 4-12 Φ BOTTOM	2L-8 Φ @ 200 c/c

NOTE:
 1. BEARING CAPACITY OF SOIL HAS BEEN CONSIDERED AS PER SOIL REPORT.
 2. CLEAN COVER TO MAIN REIN. ARE AS FOLLOWS:
 a) FOUNDATION & THE BEAM - 50MM
 b) COLUMN - 40MM
 c) BEAM - 25MM
 d) SLAB - 15MM
 3. GRADE OF CONC. M20 & GRADE OF STEEL Fe 415.

DECLARATION OF OWNERS:
 I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE CONSTRUCTION SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING AND THE SITE CONDITIONS INCLUDING COMPLIANCE WITH RULE 142 OF K.M.C. BLDG. RULE 2009 AND THE SITE CONDITIONS INCLUDING FILLED UP LAND. THE PLOT IS DEMARCATED BY BOUNDARY LINE AND EXISTING STRUCTURE.

DECLARATION OF ENGINEERS:
 I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULES 2009. AS AMENDED FROM TIME TO TIME ALONG WITH COMPLIANCE WITH RULE 142 OF K.M.C. BLDG. RULE 2009 AND THE SITE CONDITIONS INCLUDING FILLED UP LAND. THE PLOT IS DEMARCATED BY BOUNDARY LINE AND EXISTING STRUCTURE.

DEVAISHISH BOSE
 L.B.S. No. 516, Class - I
 Consulting Chartered Engineer F.1404/1
 SIGNATURE OF L.B.S. (K.M.C.)

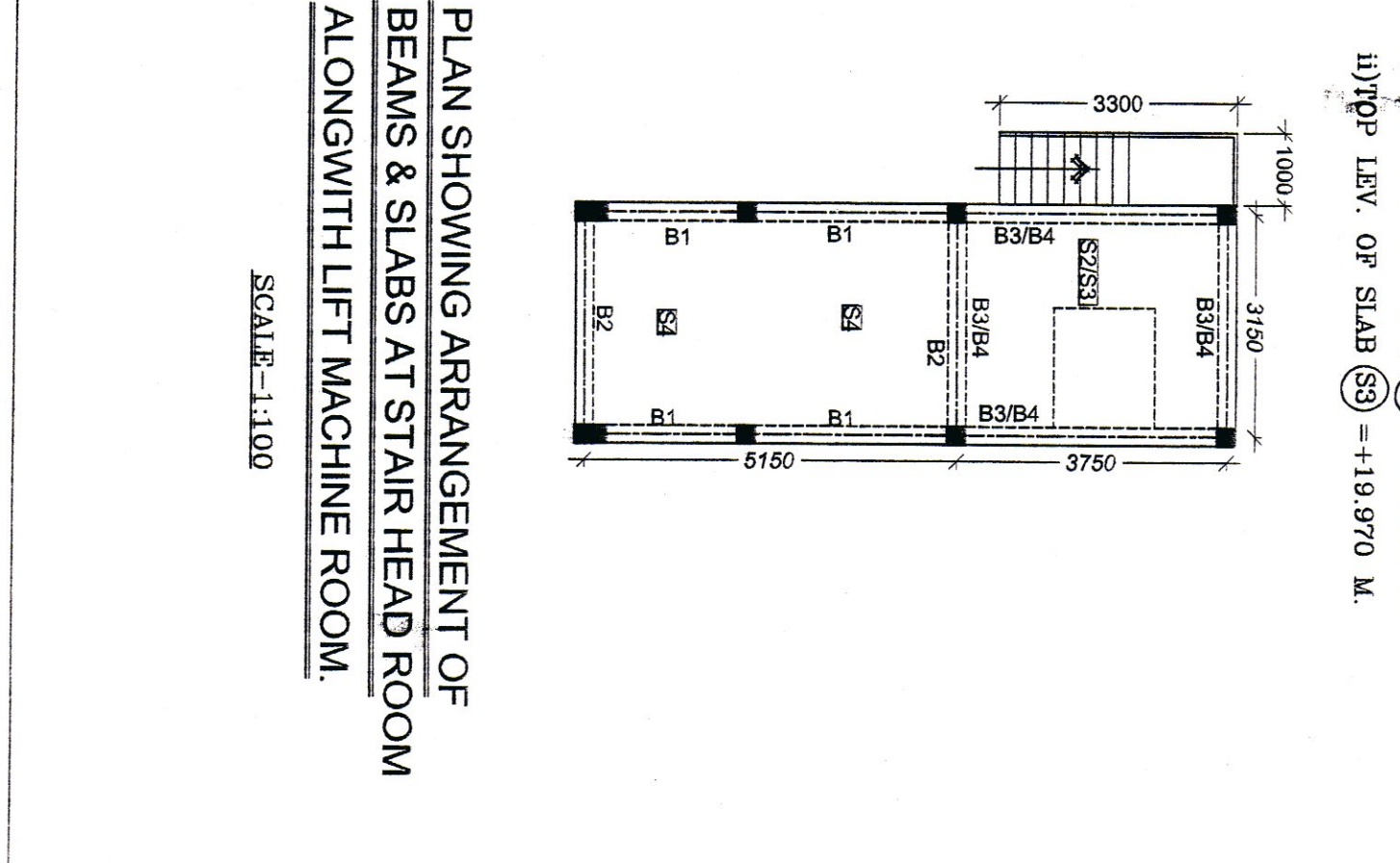
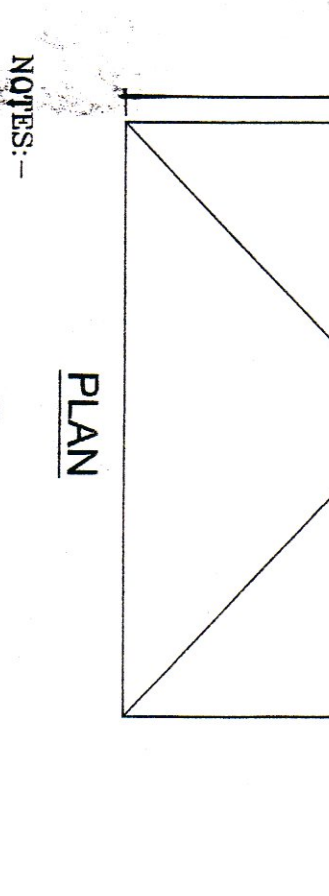
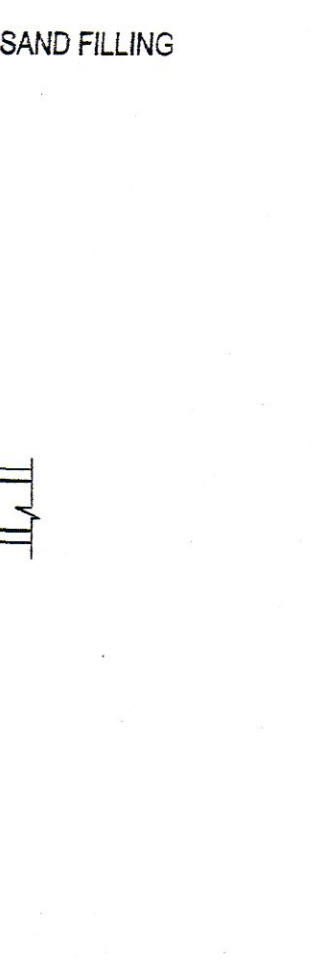
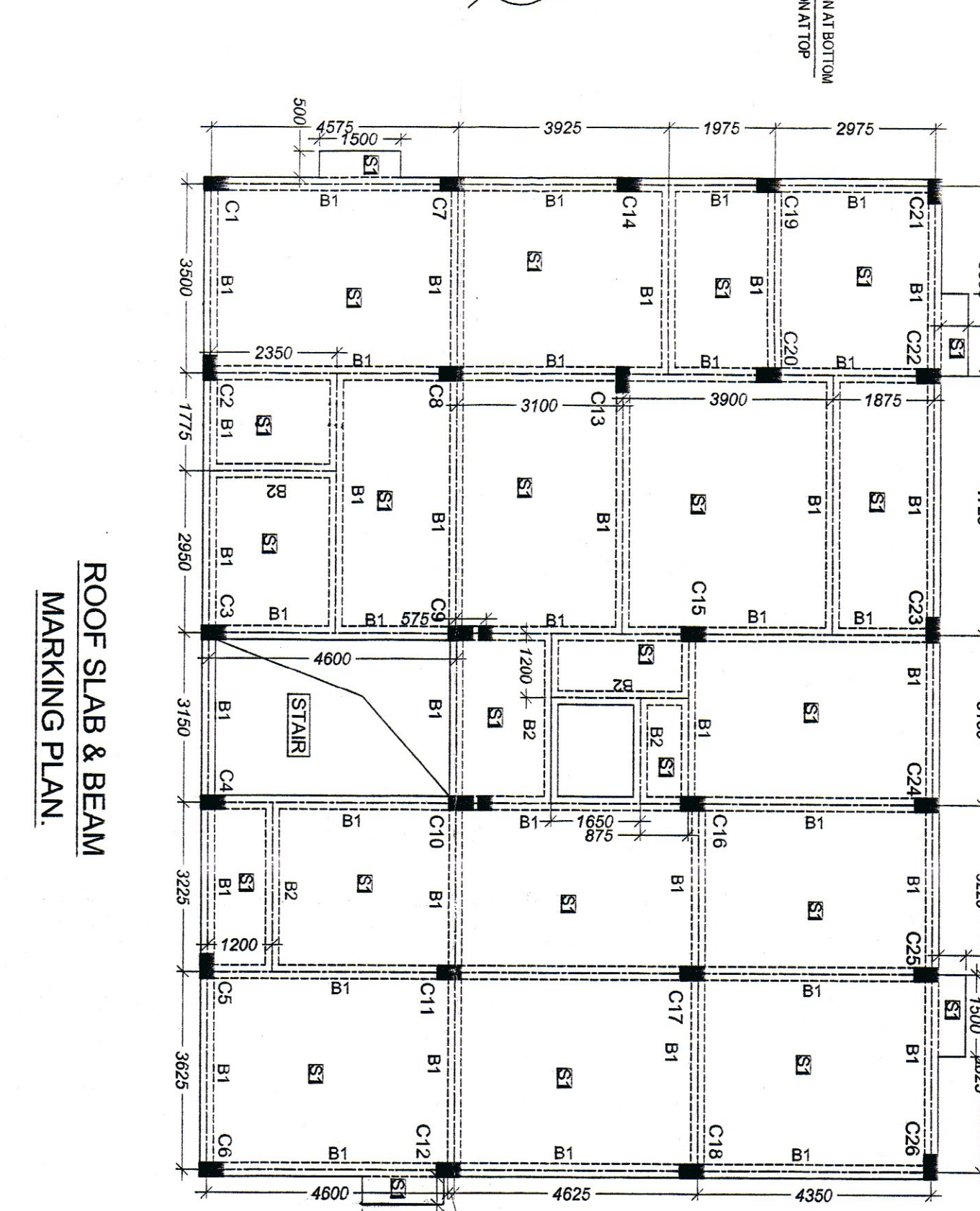
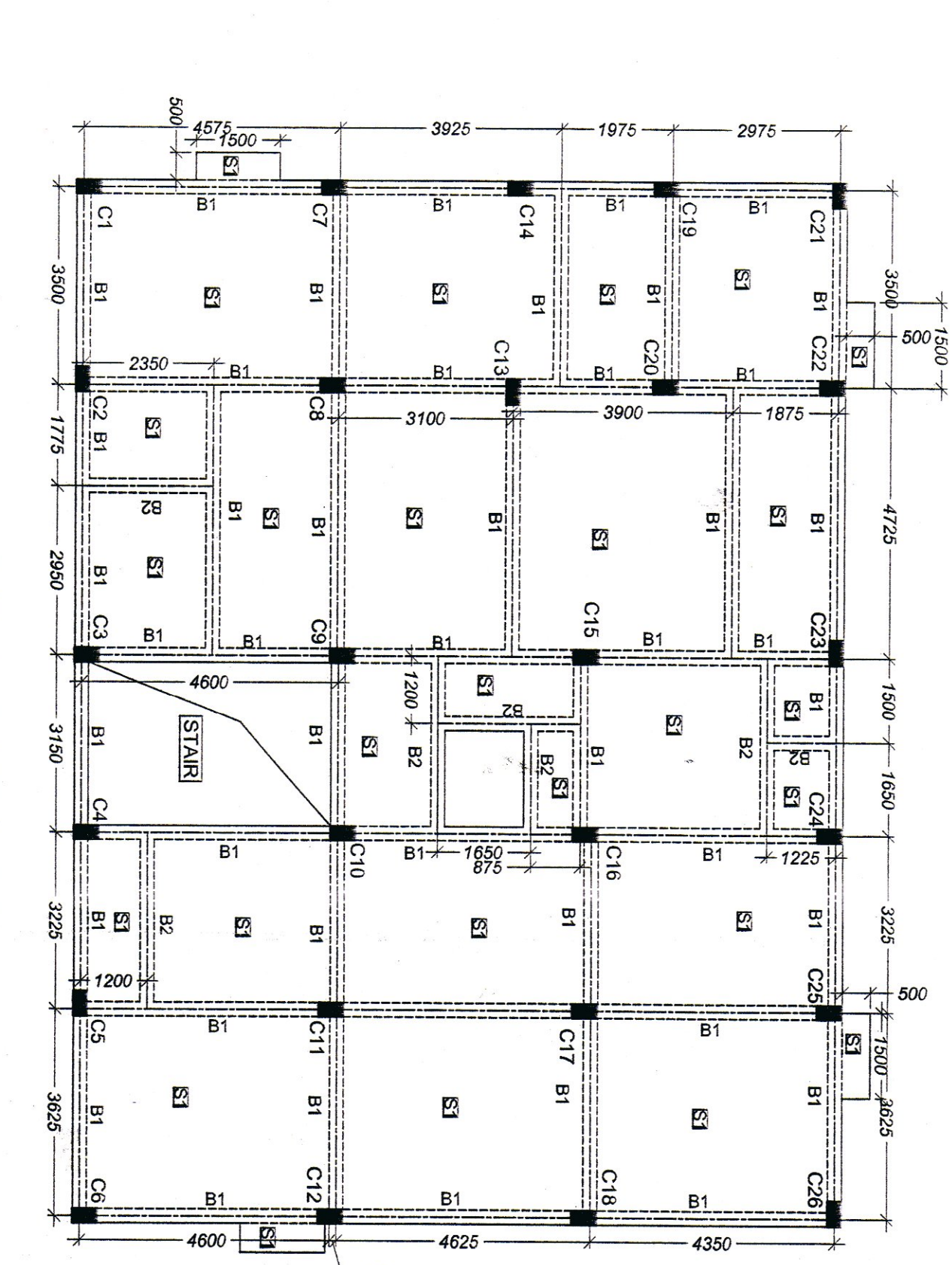
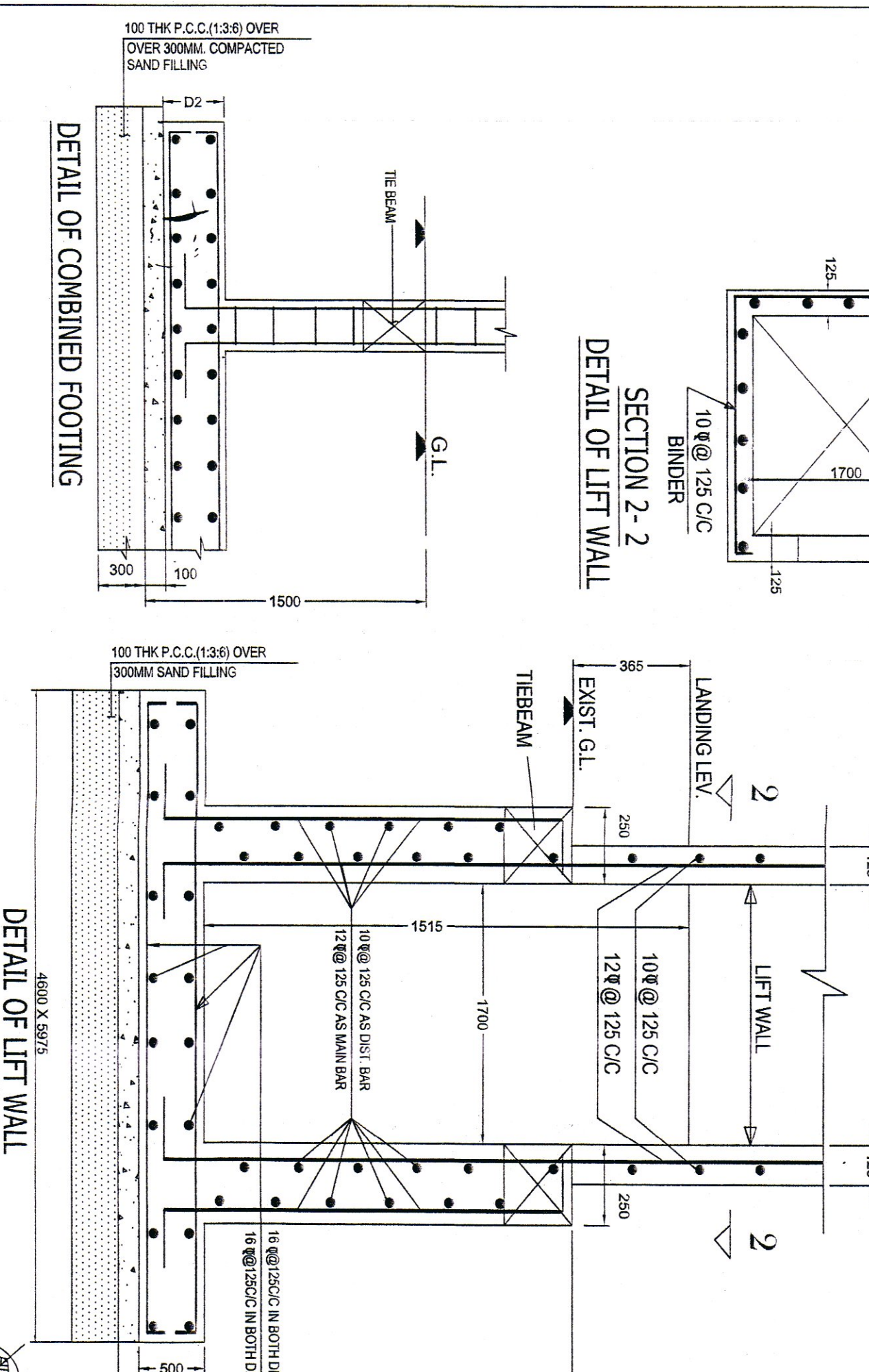
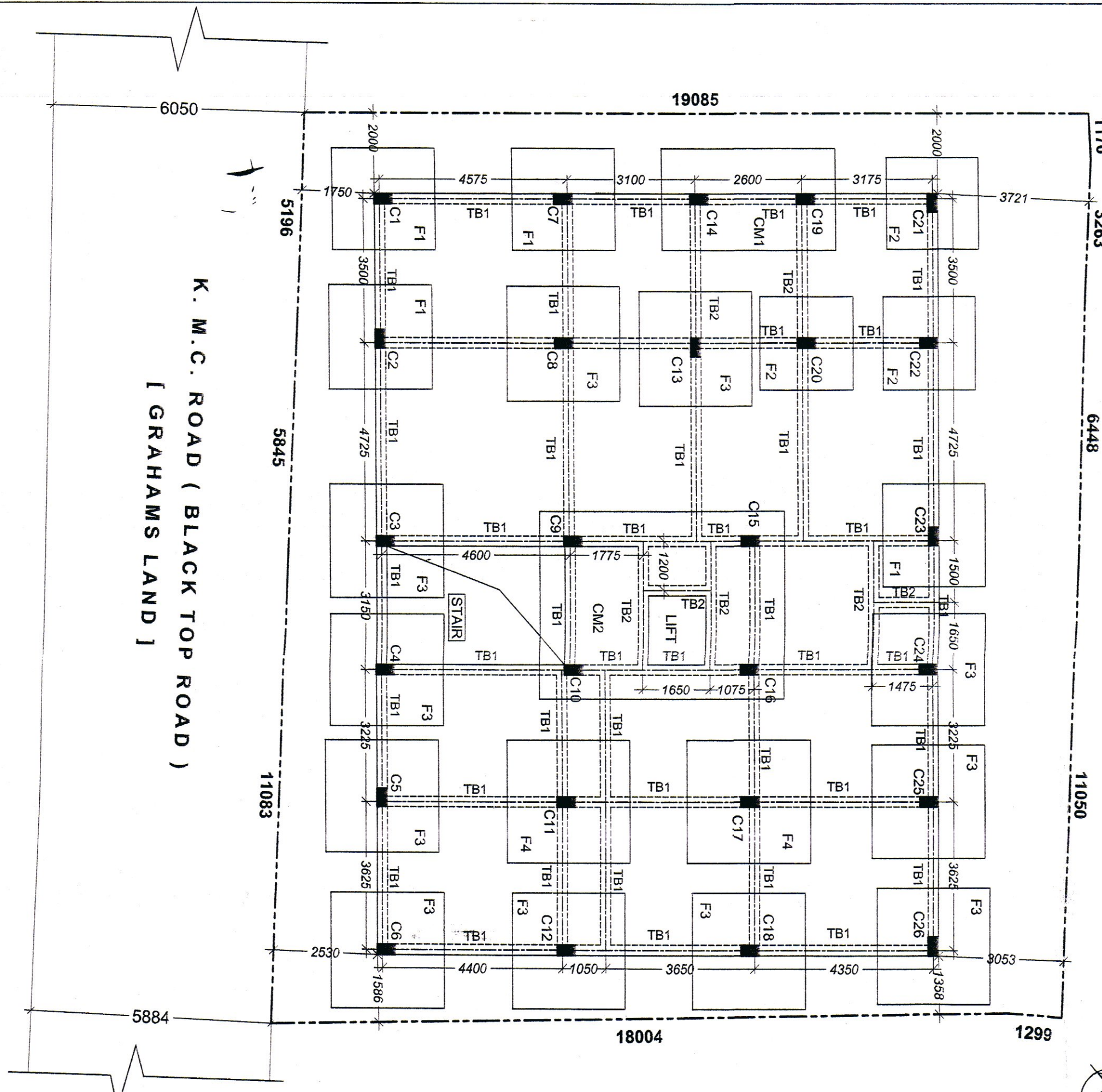
DEVAISHISH BOSE
 L.B.S. No. 516, Class - I
 Consulting Chartered Engineer F.1404/1
 SIGNATURE OF E.S.E. (K.M.C.)

CERTIFICATE OF E.S.E.
 THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUND. AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN DRAWN BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

RABIN KUMAR BANERJEE
 L.B.S. No. 516, Class - I
 Consulting Chartered Engineer F.1404/1
 SIGNATURE OF E.S.E. (K.M.C.)

STRUCTURAL PLAN OF PROPOSED FIVE (G + IV) STORED (H. of the Building is 15.490 m.) RESIDENTIAL BUILDING AT PRE. No. 20/13, NETAJI SUBHAS CHANDRA BOSE ROAD, KOLKATA - 700 040, P. S. - GOLF GREEN WARD NO. - 94, BOROUGH - X.
 PLAN PROPOSED UNDER RULE 142, U.S. 393 OF K.M.C. BLDG. RULE 2009 HEAD WITH SUBSEQUENT CIRCULARS AND GUIDELINES.

SPANDAN INTERNATIONAL
 (ARCHITECTS & ENGINEERS STRUCTURAL DESIGNER)
 TOWN PLANNING ENGINEER
 26, MAHARAJI JAGMOHI ROAD,
 KOLKATA - 700 003
 MOBILE NO. - 9877442701, 9864010795



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Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2024/1228/68 Date 11.03.23. No record of the Kolkata Municipal Corporation without verification No. at the time of issuance without submitting fresh structural plan along with design calculation and stability certificate in the form of a separate sheet. Necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.

Sd/-
EXECUTIVE ENGINEER/ASST. ENGINEER
BOROUGH NO. X

KOLKATA MUNICIPAL CORPORATION
BUILDING DEPARTMENTS
CERTIFIED COPY OF B.S. PLAN
No. 2024/1228/68 Date 11.03.23
Borough No. X

Assistant Engineer
Executive Engineer

Office of the
Executive Engineer, Br.-X
The Kolkata Municipal Corpn.
Building Department, Br.-X
Date: 11/03/23