

SCHEDULE OF COLUMNS

FLOOR	COL. SIZE	COL. MKD.	COL. SIZE	COL. MKD.	COL. SIZE	COL. MKD.	COL. SIZE	COL. MKD.	COL. SIZE	COL. MKD.	COL. SIZE	COL. MKD.
ROOF	M-25		M-25		M-25		M-25		M-25		M-25	
4TH FLOOR	M-25		M-25		M-25		M-25		M-25		M-25	
3RD FLOOR	M-25		M-25		M-25		M-25		M-25		M-25	
2ND FLOOR	M-25		M-25		M-25		M-25		M-25		M-25	
1ST FLOOR	M-25		M-25		M-25		M-25		M-25		M-25	
GROUND	M-25		M-25		M-25		M-25		M-25		M-25	
FOUNDATION	M-25		M-25		M-25		M-25		M-25		M-25	
COL. SIZE	300X400		300X400		300X400		300X400		300X400		300X400	
FLOOR LEVEL	C1,C2,C3,C4,C17,C21,C22,C24,C25		C6,C7,C13,C16		C5,C11		C8,C10		C9,C14,C18,C19,C23		C12,C20	
COL. LINK AS SPECIFIED IN TYP. SECTION - SPACING AS IN TYP. SECTION												

SCHEDULE OF TYPICAL FLOOR BEAMS

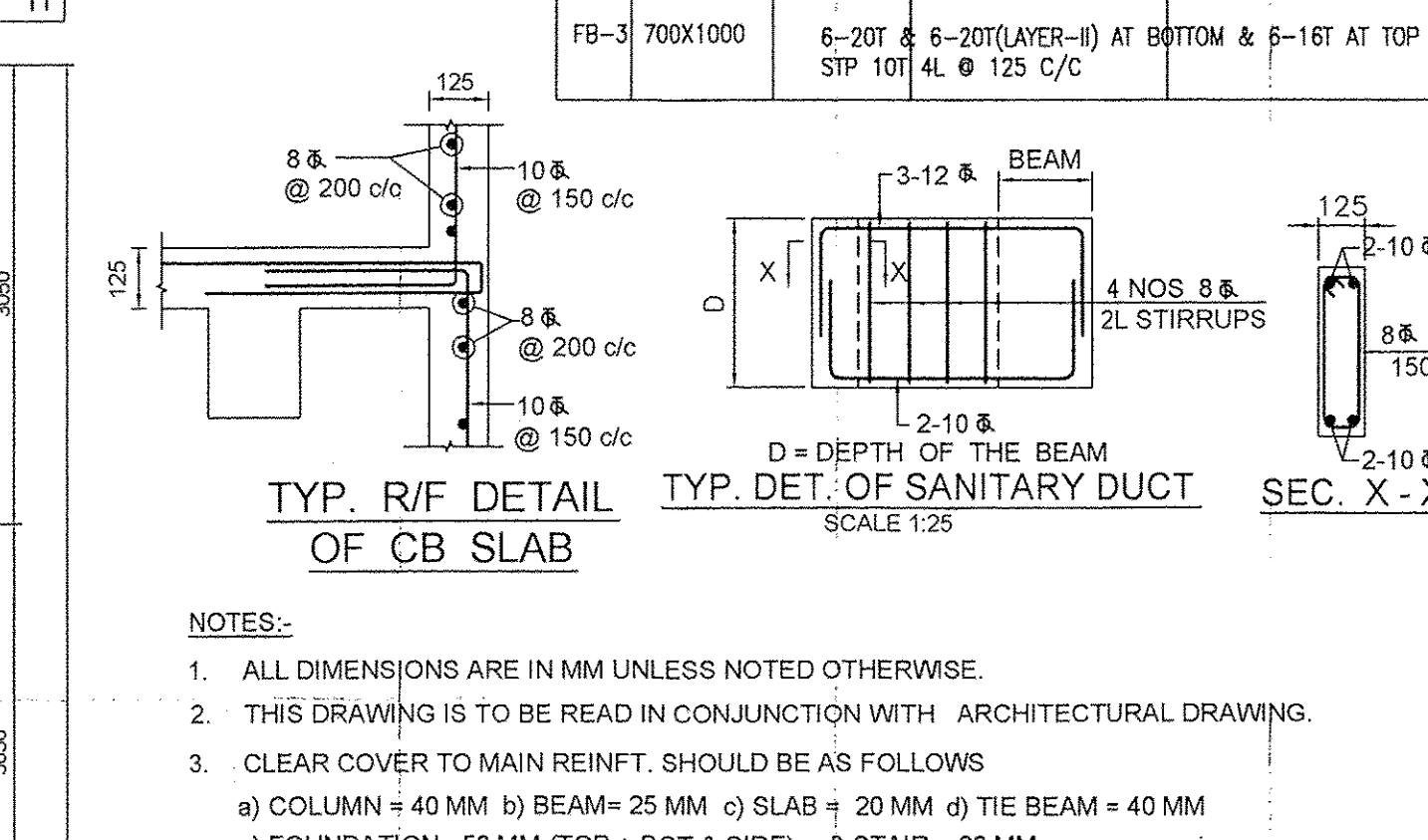
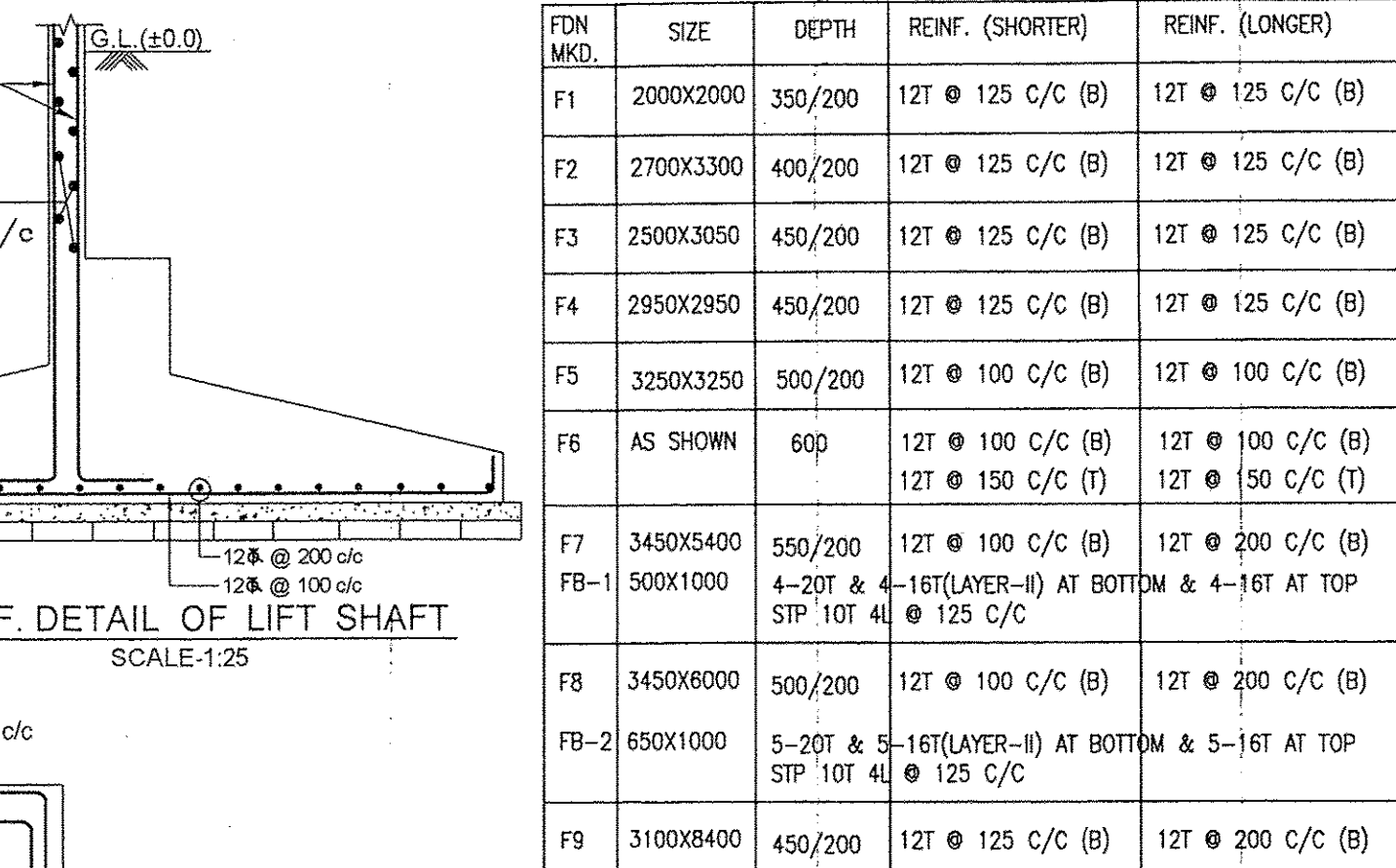
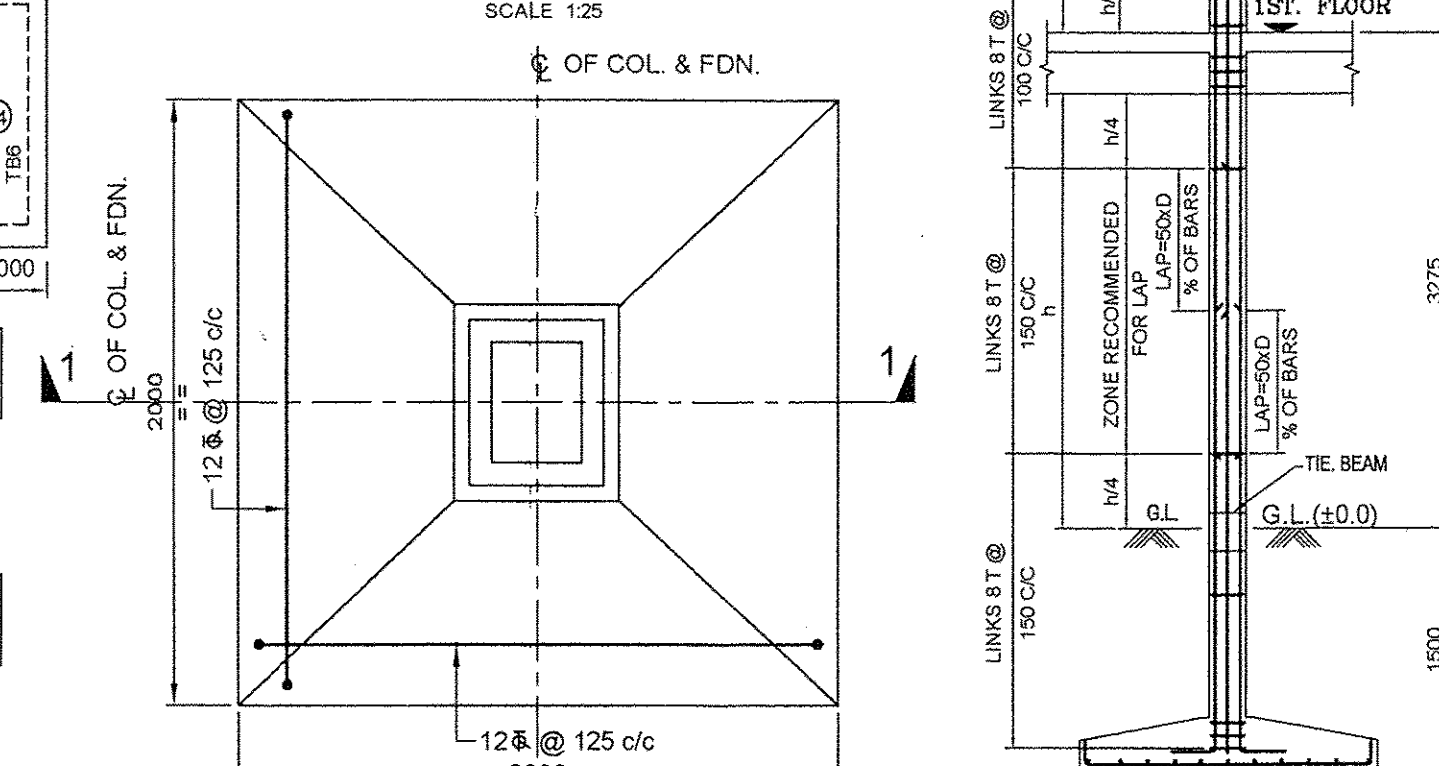
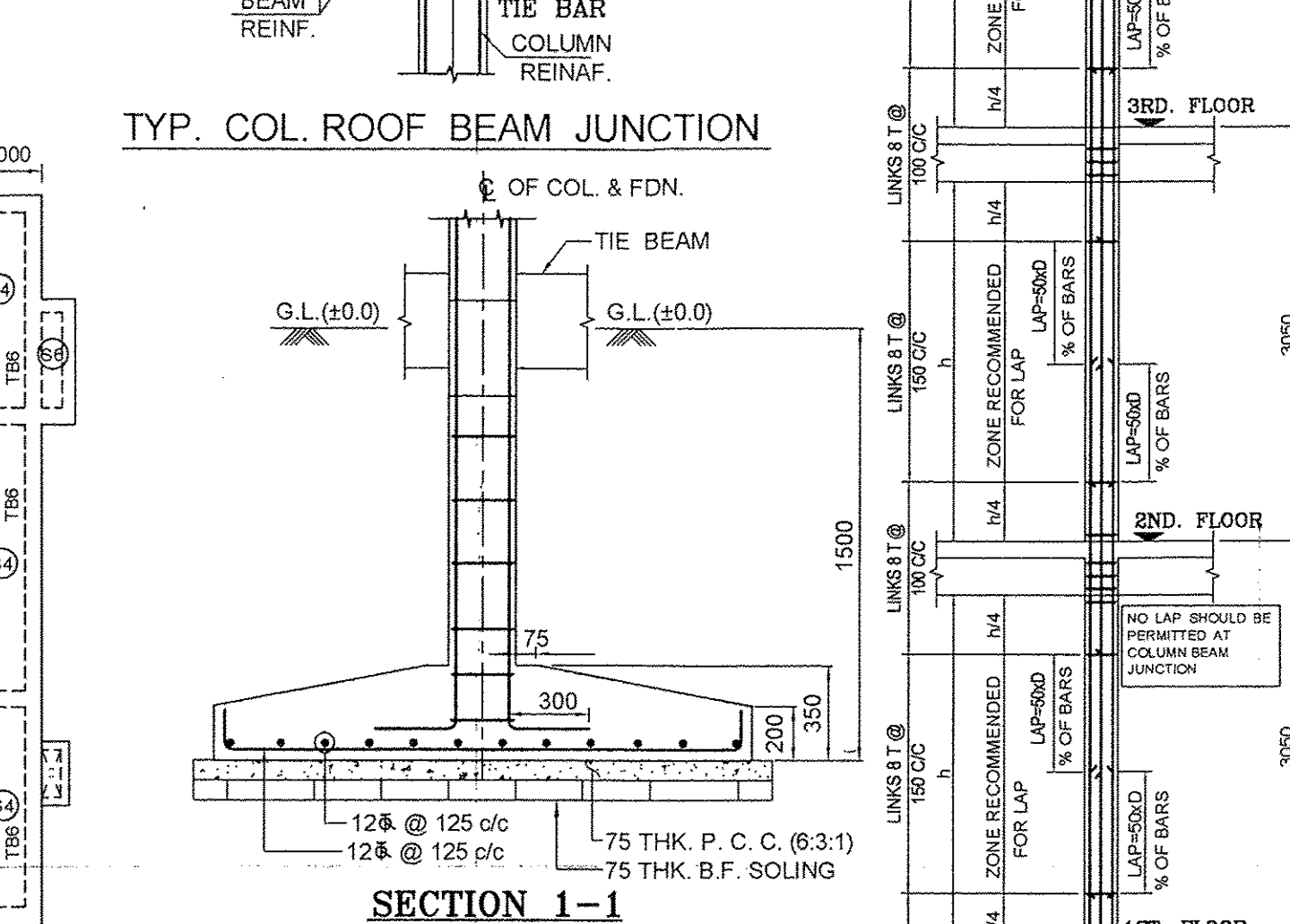
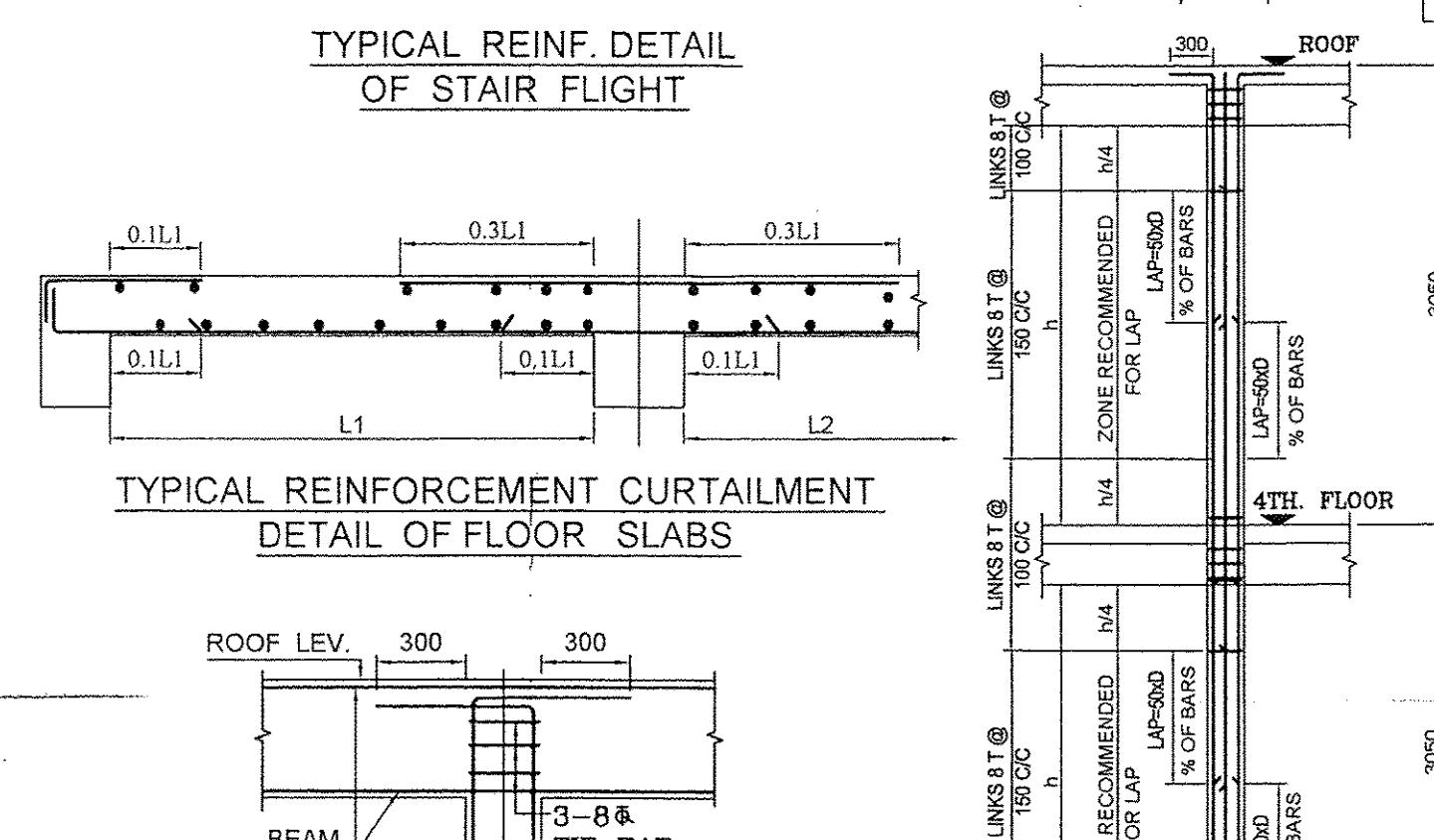
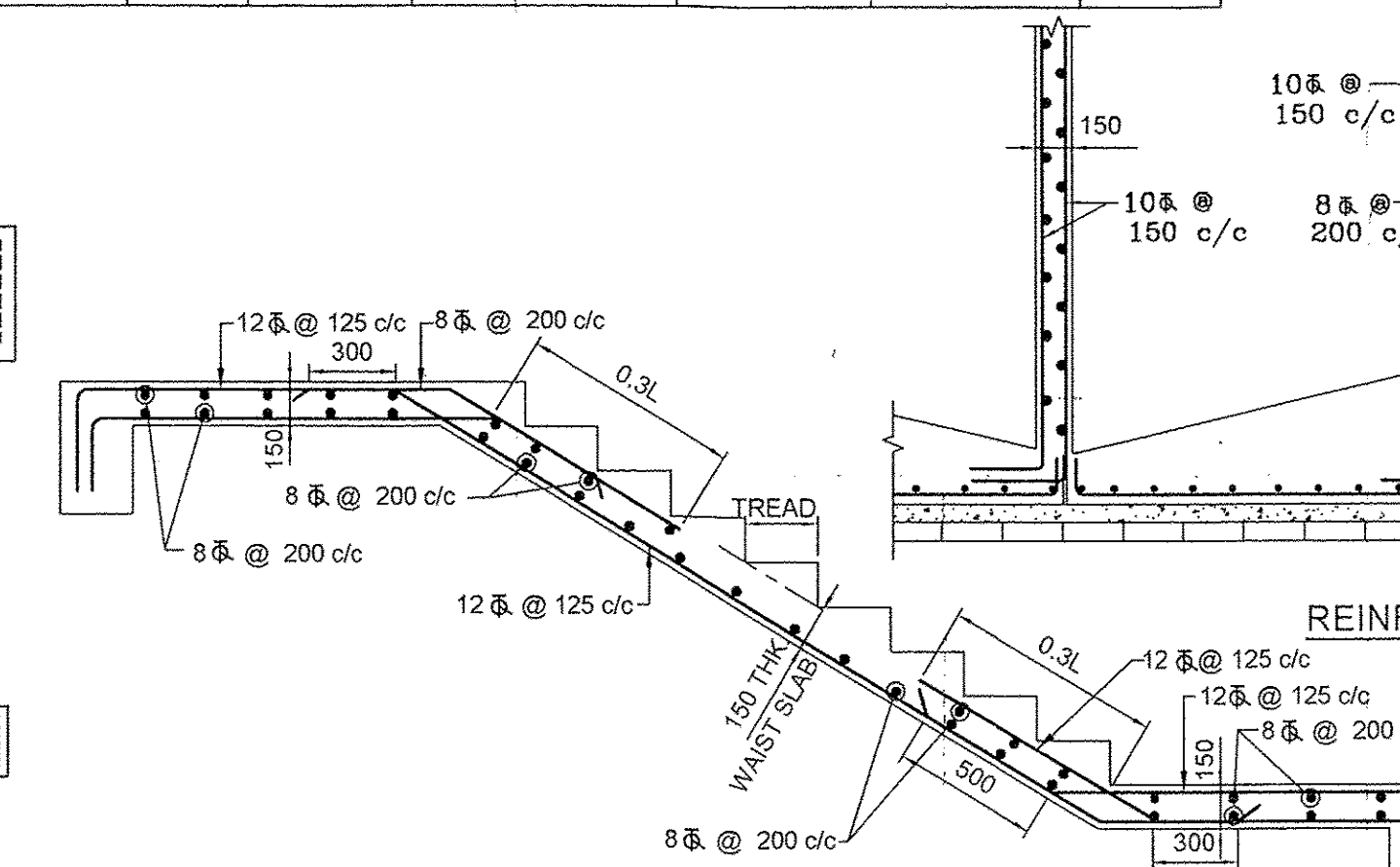
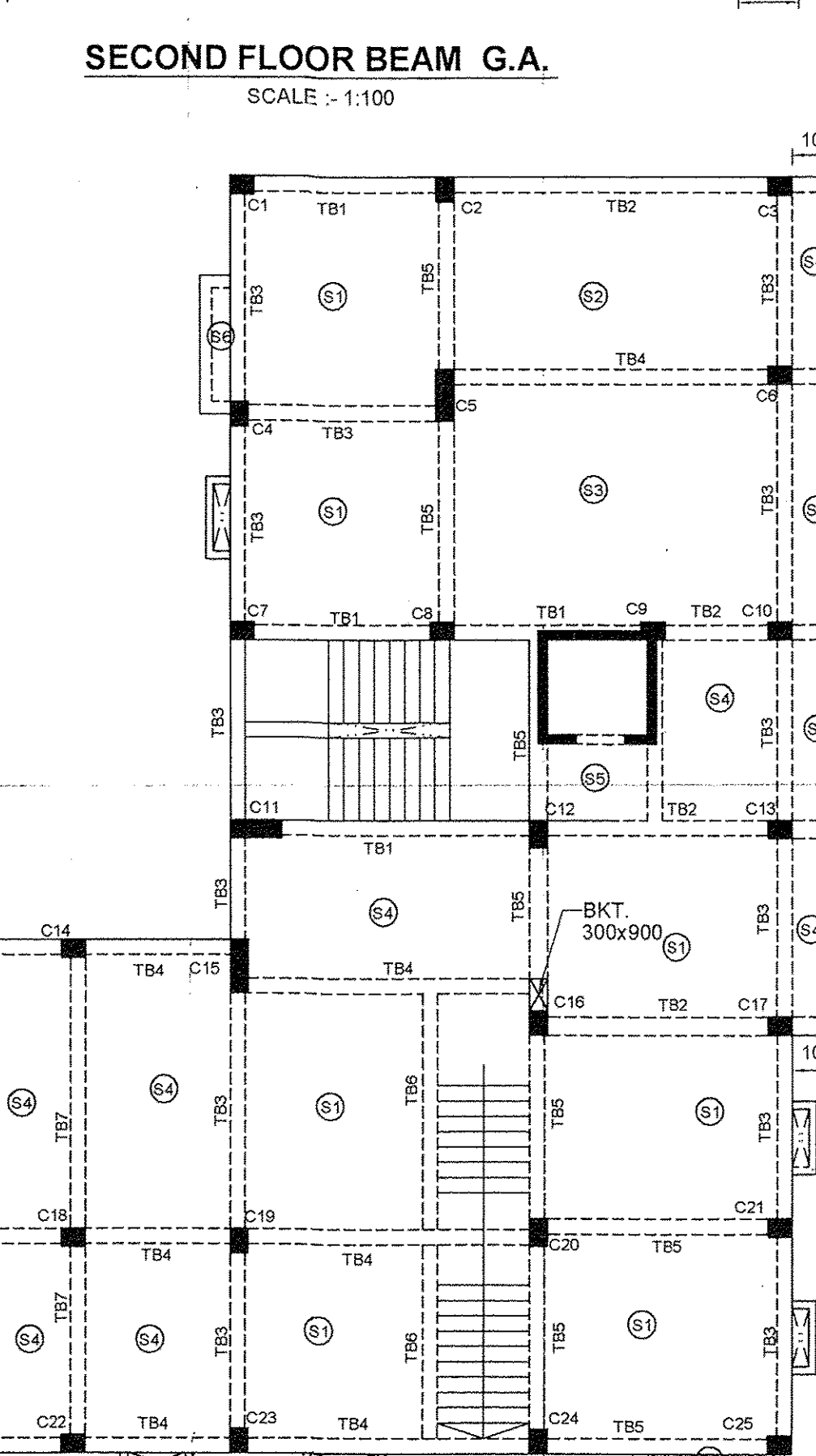
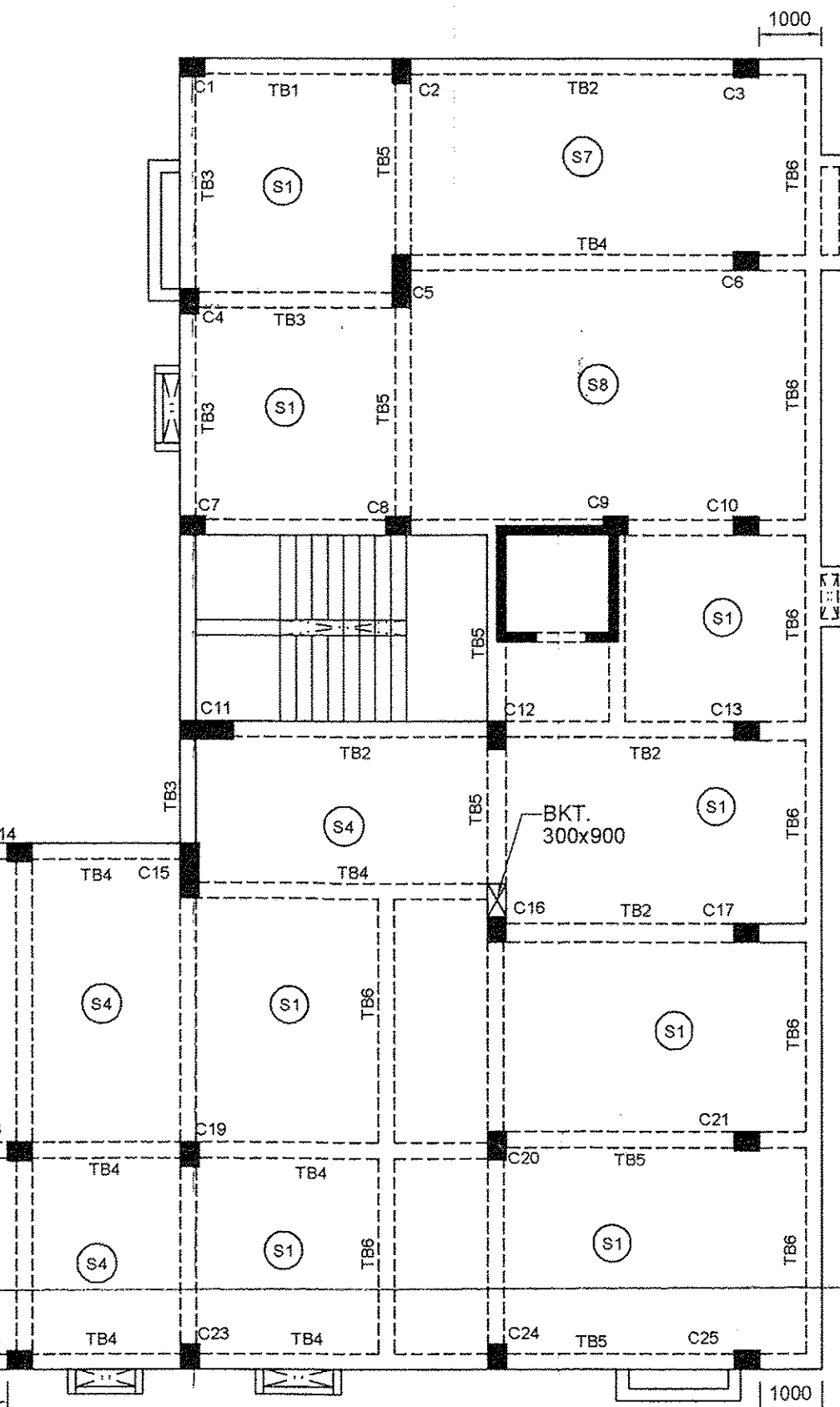
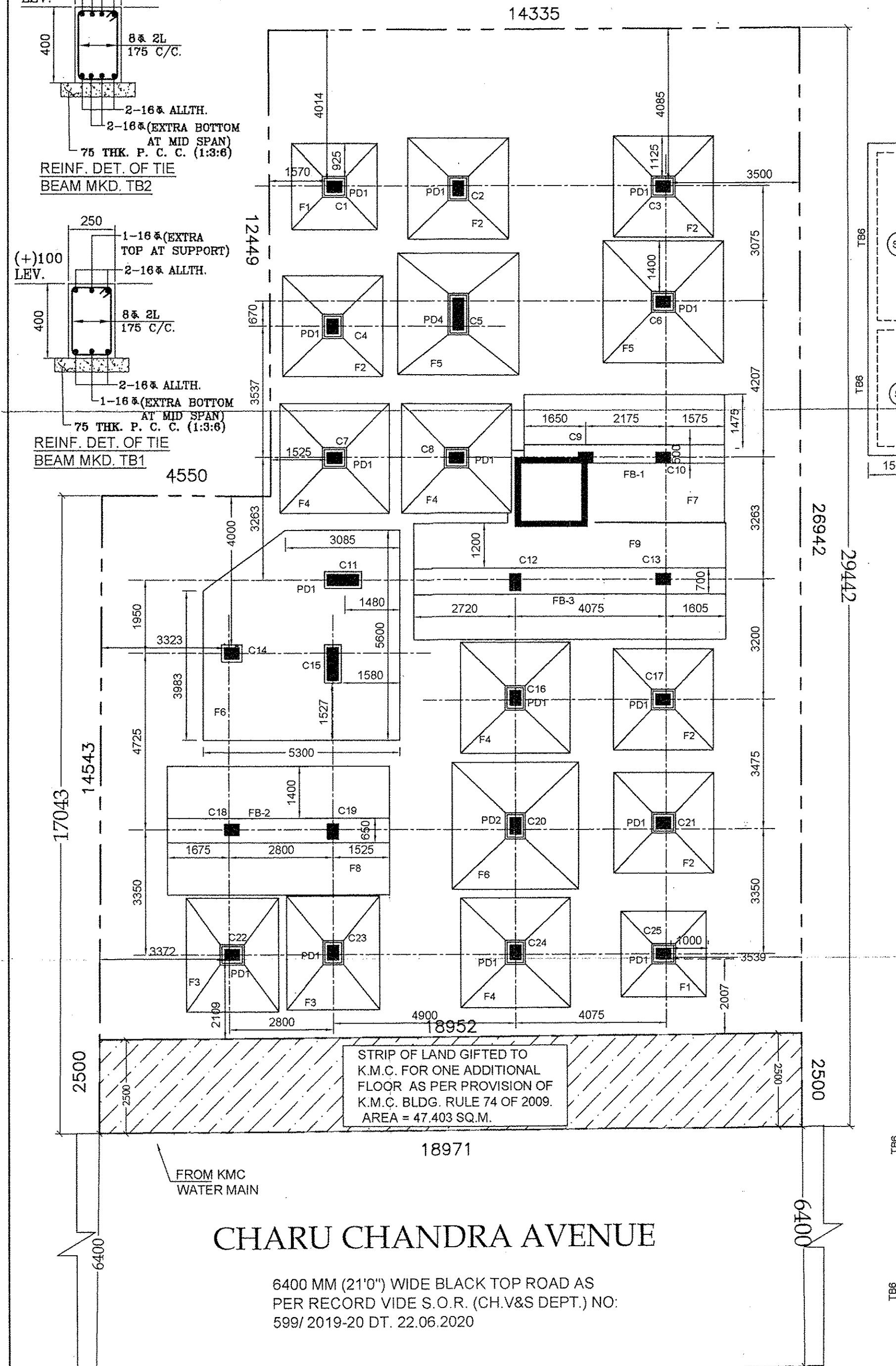
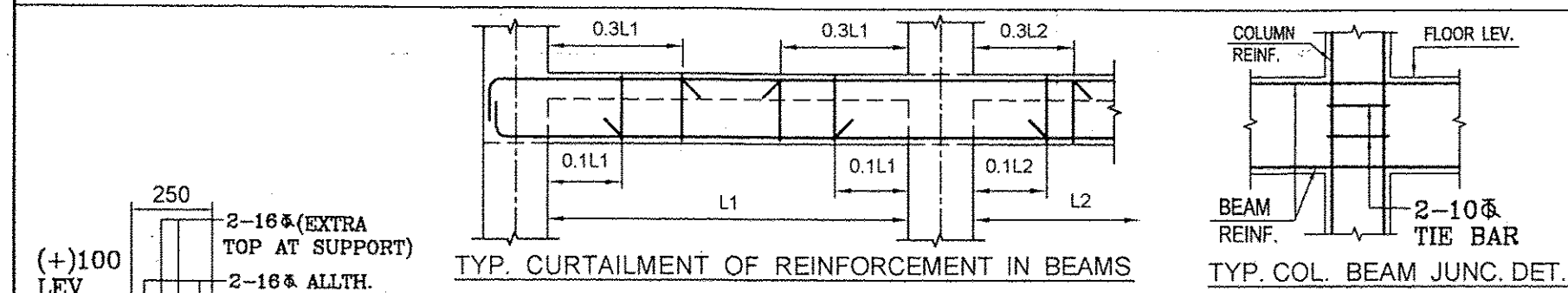
BEAM MKD.	SIZE (MM.)	END SUPPORT	SPAN	CONTINUOUS SUPPORT	CANTILEVER SUPPORT	STIRRUP	REMARKS
TB-1	250	400	3.20T	2.20T+1.16T	2.20T	2.20T+1.16T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.
TB-2	250	400	3.20T	2.20T+1.16T	2.20T	2.20T+1.16T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.
TB-3	250	400	2.16T	3.16T	2.16T	2.16T+1.20T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.
TB-4	250	400	3.20T	2.20T+1.16T	2.20T	2.20T+1.16T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.
TB-5	250	400	3.20T	2.20T+1.16T	2.20T	2.20T+1.16T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.
TB-6	250	400	2.16T	3.16T	2.16T	2.16T+1.20T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.
TB-7	250	400	3.16T	2.16T+1.12T	2.16T	2.16T+1.12T	8T 2L @ 100 C/C UPTO 900 FROM SUPPT.

SCHEDULE OF SLABS

SLAB MKD.	SLAB THICK.	SHORTER SUPPORT	DIR. MID SPAN	LONGER SUPPORT	DIR. MID SPAN	DISTRIBUTION
S1	115 THK	8T @ 150 C/C	8T @ 175 C/C	8T @ 175 C/C	8T @ 200 C/C	8T @ 250 C/C
S2	115 THK	8T @ 150 C/C	8T @ 175 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S3	135 THK	8T @ 125 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 175 C/C	8T @ 250 C/C
S4	115 THK	8T @ 175 C/C	8T @ 200 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S5	115 THK	8T @ 200 C/C	8T @ 225 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S6	110 THK	8T @ 200 C/C	8T @ 225 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S7	125 THK	8T @ 125 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S8	150 THK	8T @ 100 C/C	8T @ 125 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 250 C/C

FOUNDATION SCHEDULE

FND. MKD.	SIZE	DEPTH	REIN. (SHORTER)	REIN. (LONGER)
F1	2000X2000	350/200	12T @ 125 C/C (B)	12T @ 125 C/C (B)
F2	2700X3300	400/200	12T @ 125 C/C (B)	12T @ 125 C/C (B)
F3	2500X3050	450/200	12T @ 125 C/C (B)	12T @ 125 C/C (B)
F4	2950X2950	450/200	12T @ 125 C/C (B)	12T @ 125 C/C (B)
F5	3250X3250	500/200	12T @ 100 C/C (B)	12T @ 100 C/C (B)
F6	AS SHOWN	600	12T @ 100 C/C (B)	12T @ 100 C/C (B)
F7	3450X5400	550/200	12T @ 100 C/C (B)	12T @ 200 C/C (B)
FB-1	500X1000	4-20T & 4-16T (LAYER-II) AT BOTTOM & 4-16T AT TOP STP 10T 4L @ 125 C/C		
F8	3450X8000	500/200	12T @ 100 C/C (B)	12T @ 200 C/C (B)
FB-2	650X1000	5-20T & 5-16T (LAYER-II) AT BOTTOM & 5-16T AT TOP STP 10T 4L @ 125 C/C		
F9	3100X8400	450/200	12T @ 125 C/C (B)	12T @ 200 C/C (B)
FB-3	700X1000	6-20T & 6-20T (LAYER-II) AT BOTTOM & 6-16T AT TOP STP 10T 4L @ 125 C/C		



NOTES:-

- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING.
- CLEAR COVER TO MAIN REINFT. SHOULD BE AS FOLLOWS
a) COLUMN = 40 MM b) BEAM = 25 MM c) SLAB = 20 MM d) TIE BEAM = 40 MM
e) FOUNDATION = 50 MM (TOP + BOT & SIDE) f) STAIR = 20 MM
- REINFORCEMENT GRADE: Fe 415 CONFORMING TO IS 1786-2008.
- CONCRETE MIX SHALL BE OF GRADE M-25.
- PROPER VIBRATING AND CURING SHOULD BE DONE DURING AND AFTER CASTING RESPECTIVELY.

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING HAS BEEN DONE BY M/S GEO STAR 50 CHIT KALKAPUR, KOLKATA-700 099. SIGNED BY RUPAK K. BANERJEE, G.E. KMC G.T.E. NO. 18. THE RECOMMENDATIONS OF SOIL TEST REPORT WILL BE CONSIDERED DURING STRUCTURAL CALCULATION.

RUPAK KUMAR BANERJEE, B.C.E., M.E., MGS, ELUSTED GEO TECHNICAL ENGINEER (K.M.C.)

TAMAL KANTI BANDYOPADHYAY, E.S.E.-II/393 (K.M.C.), SIG. OF GEO-TECHNICAL ENGINEER

DECLARATION OF ARCHITECT

CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME. THE SITE CONDITION INCLUDING THE ADJOINING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THERE IS AN EXISTING STRUCTURE TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK, AND IT IS OCCUPIED BY THE OWNER.

ANJAN UKIL, C.O.A. Regn. No. CA/94/16721, L.B.A. A-274, SIGNATURE OF ARCHITECT.

DECLARATION OF OWNER/APPLICANT

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE L.B.A. & E.S.E. DURING CONSTRUCTION AND SHALL FOLLOW THE INSTRUCTION OF L.B.A. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W. RESERVOIR WILL BE TAKEN UNDER THE GUIDANCE OF L.B.A. / E.S.E. BEFORE STARTING OF BUILDING FOUNDATION.

KALYAN SAHA, AS CONSTITUTE POWER OF ATTORNEY, GOURAV DAS, MUMITA MAJUMDER, JHUMPA SARKAR

SIGNATURE OF OWNER/APPLICANT

TITLE:- FOUNDATION PLAN, SCHEDULE OF COLUMNS, SCHEDULE OF TYPICAL FLOOR BEAMS, SCHEDULE OF SLABS, FOUNDATION SCHEDULE, FIRST & SECOND FLOOR BEAM G.A.

PROJECT, PROPOSED G+ IV STORIED (HT.-15.475 M) RESIDENTIAL BUILDING U/S 393A OF KMC ACT 1980, KMC BUILDING RULE 2009, AT PREMISES NO. 19A, CHARU CHANDRA AVENUE, KOLKATA-700 033, WARD NO-81, BR. NO-X.P.S.-CHARU MARKET PLAN CASE NO. - 2020100026.

JOB NO. 1997, DRG. NO. STC000001, DATE 06.07.2021, DEALT

TAMAL KANTI BANDYOPADHYAY, B.C.E.(J.U.) ESE-II/393

ANJAN UKIL, archtect

PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2021/18809 Date 23/7/21 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.


EXECUTIVE ENGINEER/ASST. ENGINEER
BOROUGH NO. 2

