

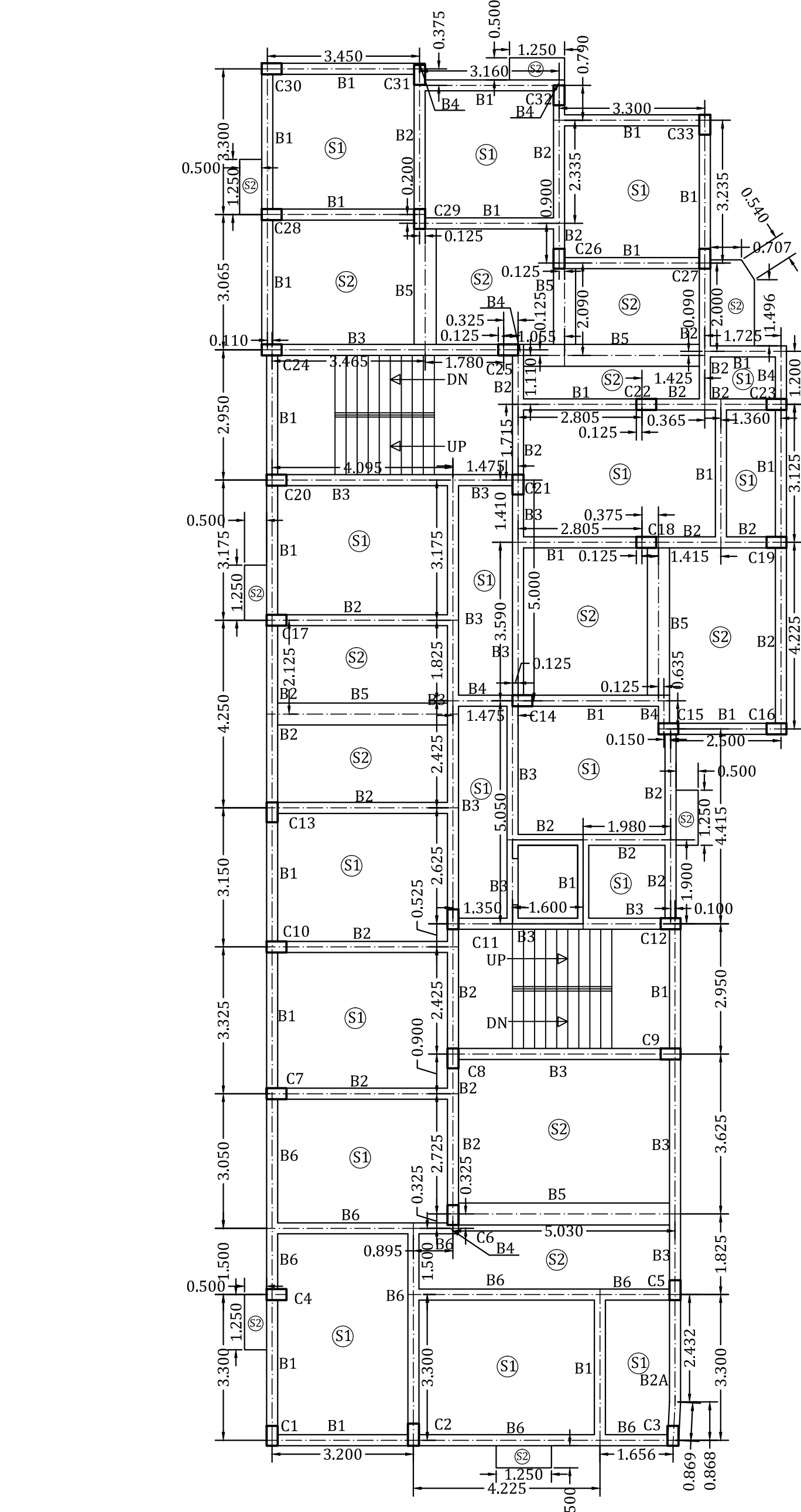
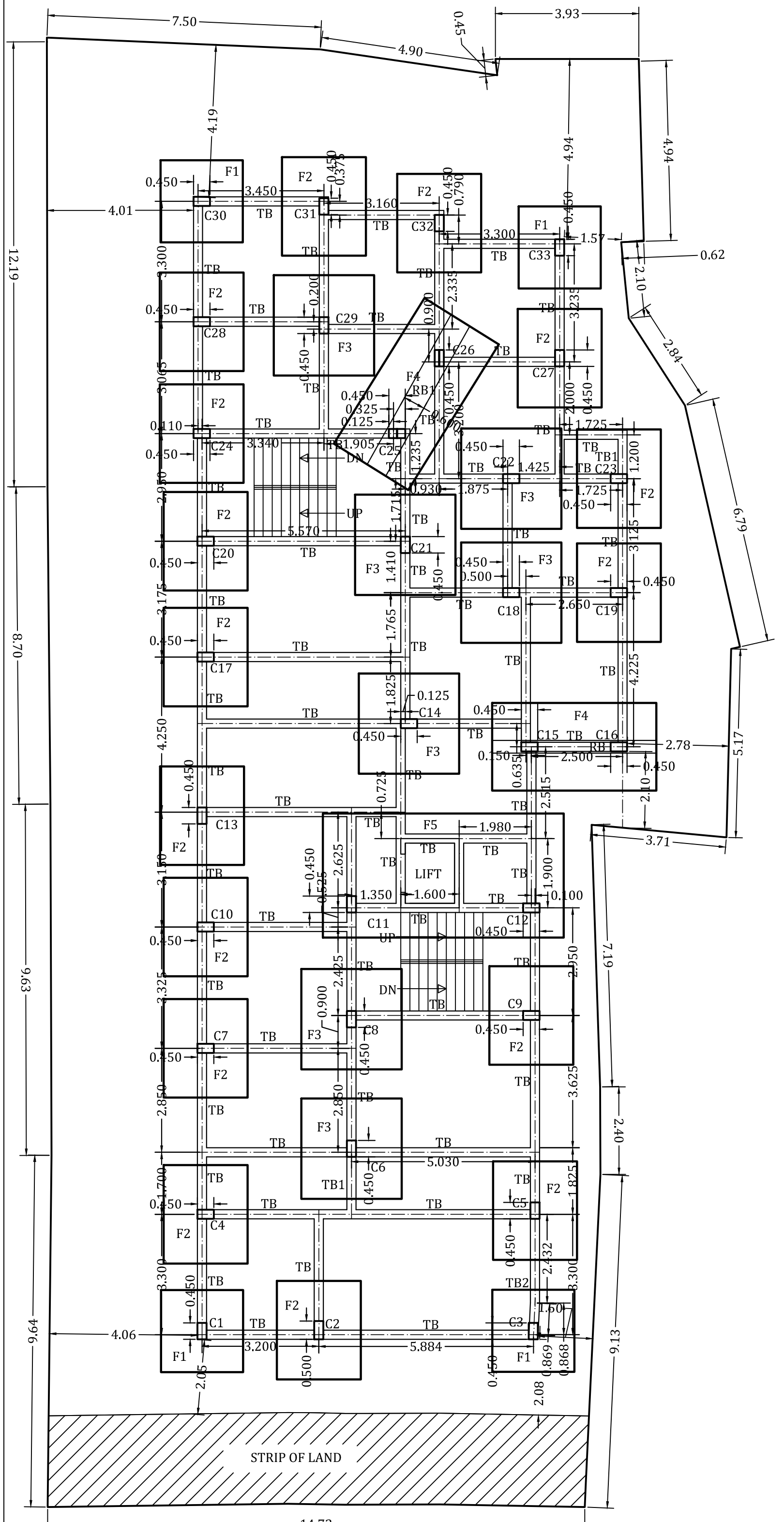
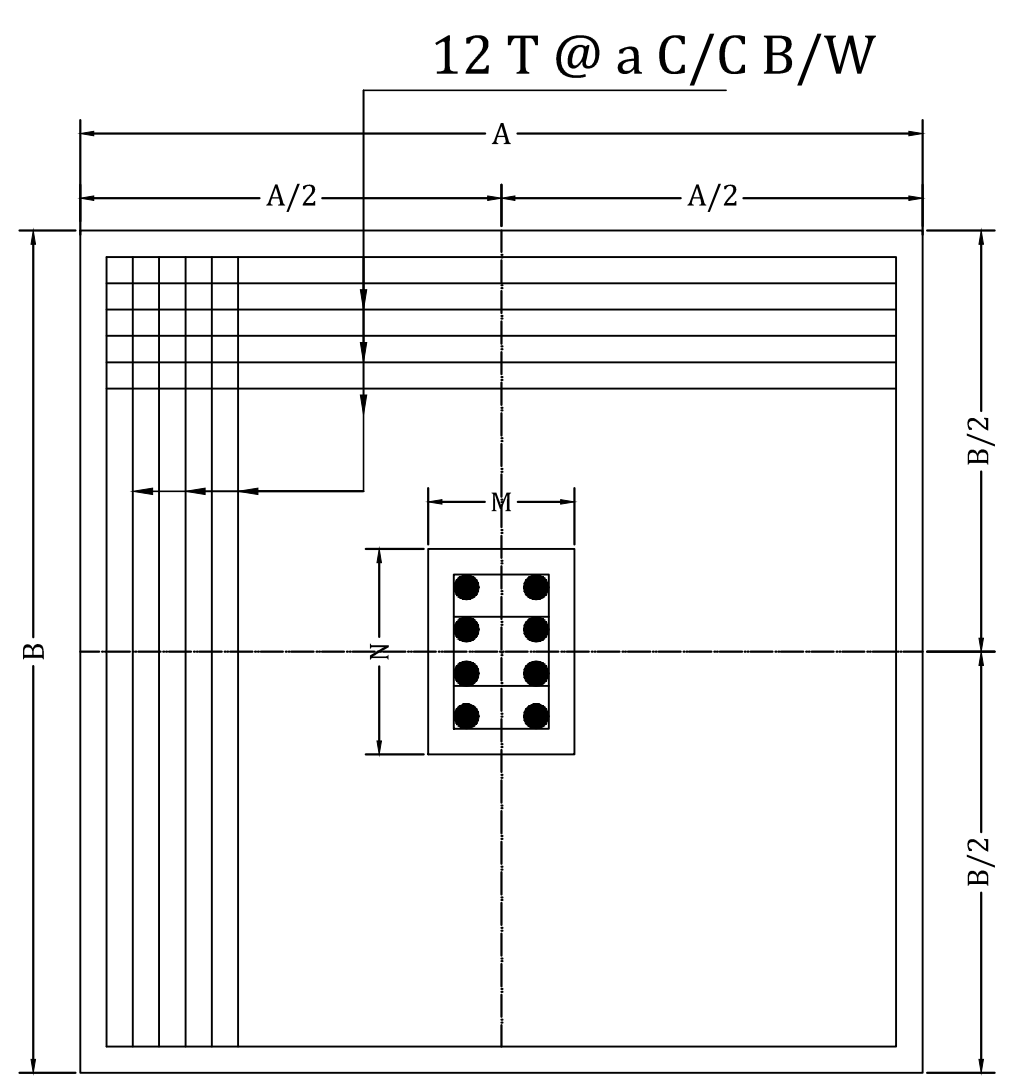
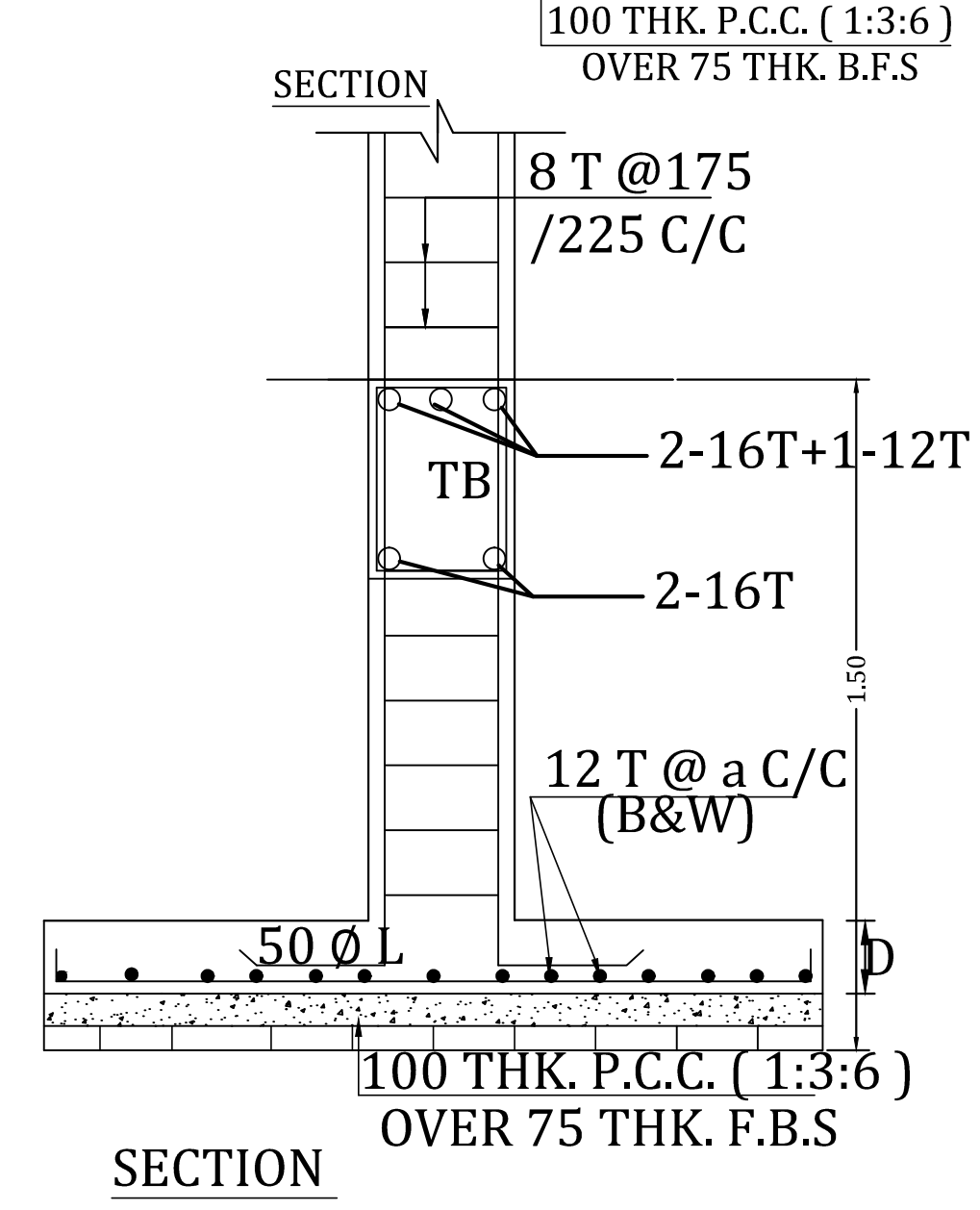
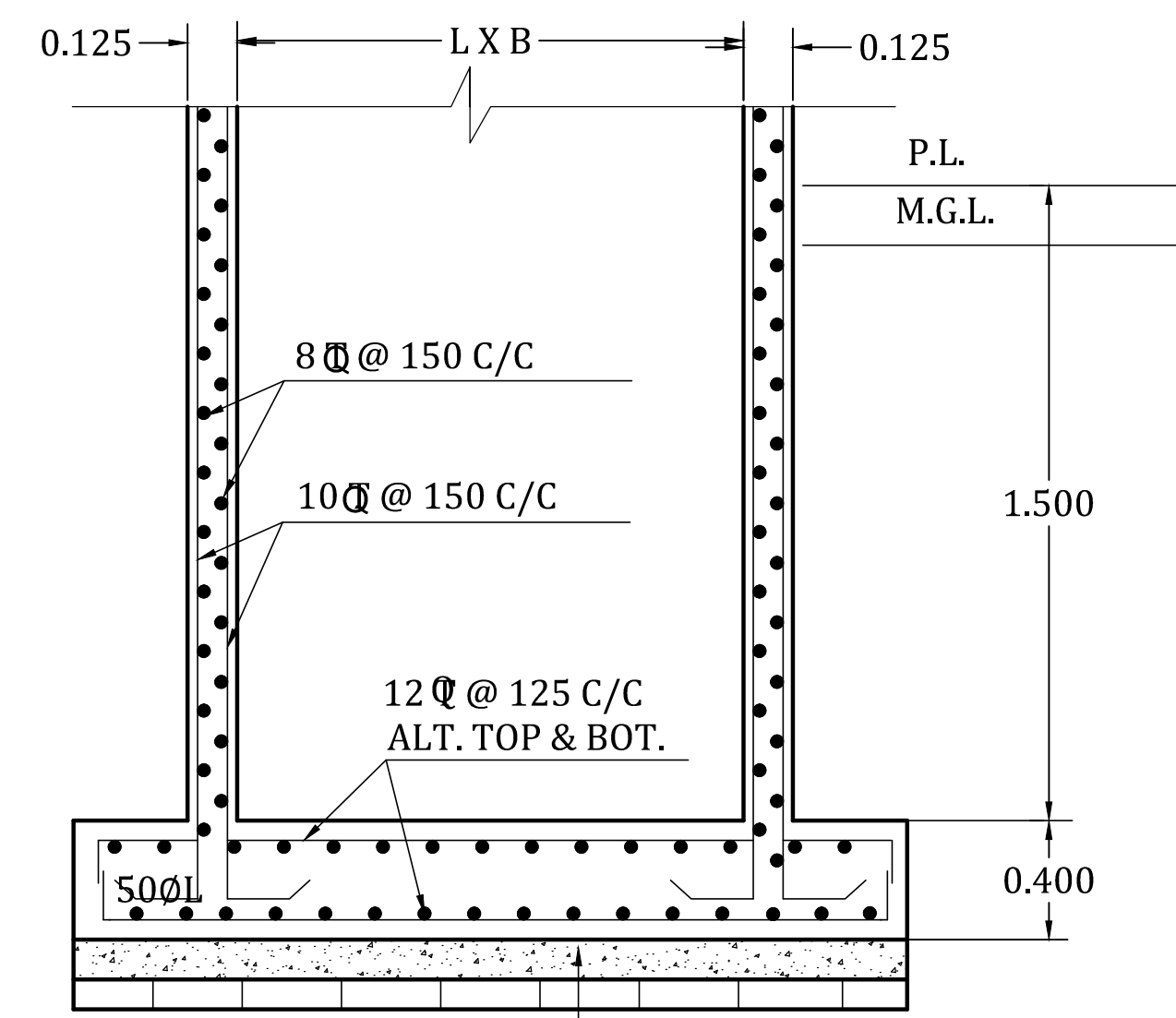
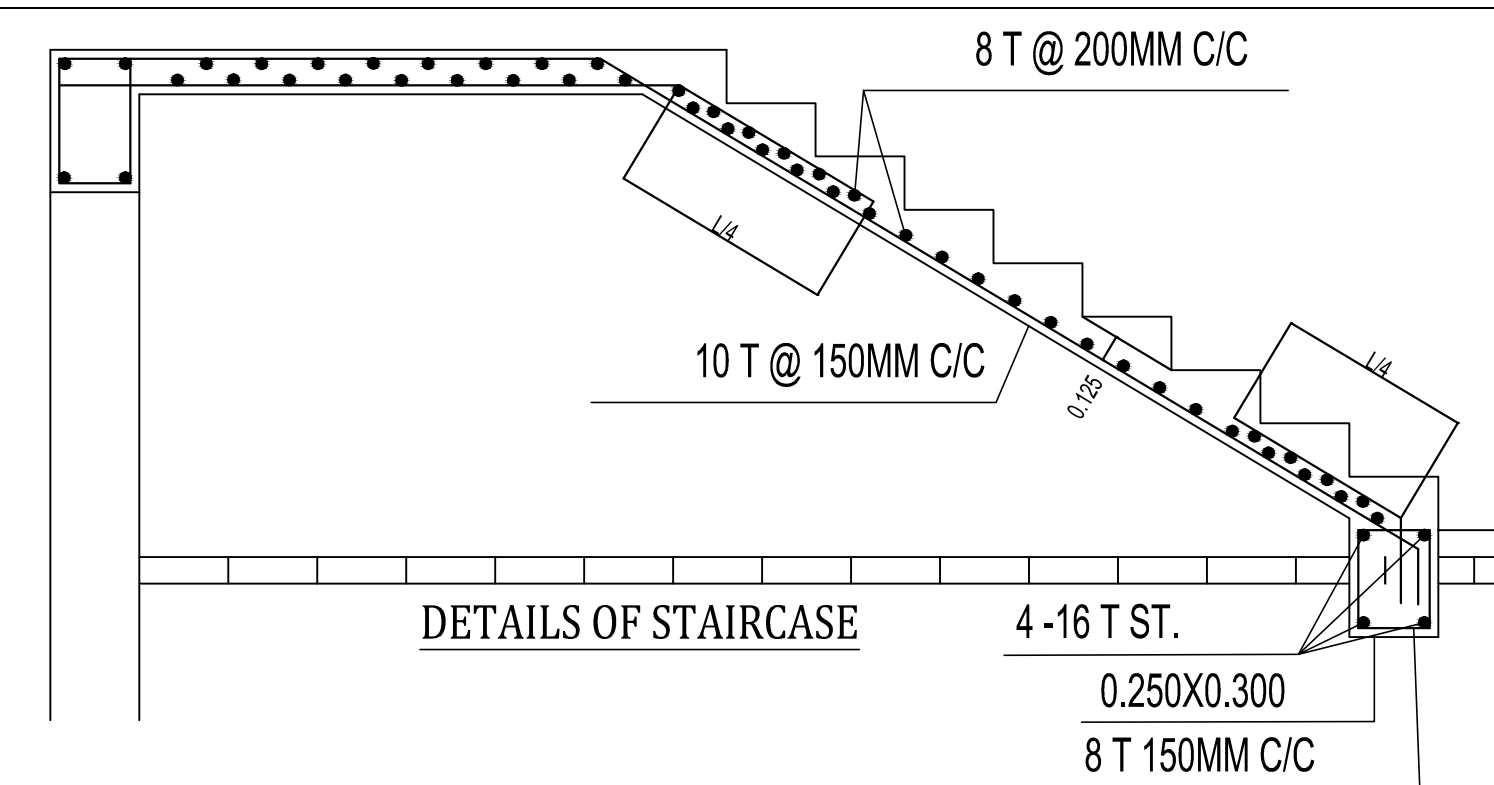
SCHEDULE OF R.C.C. BEAMS				
BEAM MKD.	SIZE	AT SUPPORT	AT MID SPAN	STIRRUPS SUPPORT/SPAN
B1	0.250X0.400	TOP: 2-16TST. 1-12TEXT. BOT: 2-16TST.	TOP: 2-16TST. BOT: 2-16TST. 1-16TEXT.	8 T @ 200 C/C
B2	0.250X0.450	TOP: 2-16TST. 2-12TEXT. BOT: 2-16TST.	TOP: 2-16TST. BOT: 2-16TST. 2-16TEXT.	8 T @ 150 C/C
B3	0.250X0.450	TOP: 2-16TST. 2-20TEXT. BOT: 2-16TST.	TOP: 2-16TST. BOT: 2-16TST. 2-20TEXT.	8 T @ 150 C/C
B4	0.250X0.450	TOP: 4-20TST. BOT: 2-16TST.	TOP: 4-20TST. BOT: 2-16TST.	8 T @ 115 C/C
B5	0.450X0.125	TOP: 5-12TST. BOT: 5-12TST.	TOP: 5-12TST. BOT: 5-12TST.	8 T @ 150 C/C
B6	0.250X0.450	TOP: 2-20TST. 2-20TEXT. BOT: 2-20TST.	TOP: 2-20TST. BOT: 2-20TST. 2-20TEXT.	8 T @ 150 C/C
B2A	0.250X0.450	TOP: 2-16TST. 1-12TEXT. MID: 2-12TST. BOT: 2-16TST.	TOP: 2-16TST. BOT: 2-16TST. 1-12TEXT.	8 T @ 150 C/C
TB	0.250X0.450	TOP: 2-16TST. 1-12TEXT. BOT: 2-16TST.	TOP: 2-16TST. BOT: 2-16TST. 1-12TEXT.	8 T @ 150 C/C
TB1	0.250X0.450	TOP: 4-16TST. BOT: 2-16TST.	TOP: 4-16TST. BOT: 2-16TST.	8 T @ 115 C/C
TB2	0.250X0.450	TOP: 2-16TST. 2-12TEXT. MID: 2-12TST. BOT: 2-16TST.	TOP: 2-16TST. BOT: 2-16TST. 2-12TEXT.	8 T @ 150 C/C

SCHEDULE OF SLAB					
PANEL MKD.	THICKNESS	SHORTER DIRECTION		LONGER DIRECTION	
		SUPPORT	SPAN	SUPPORT	SPAN
S1	0.100	8T@150C/C	8T@150C/C	8T@175C/C	8T@175C/C
S2	0.125	8T@125C/C	8T@125C/C	8T@150C/C	8T@150C/C
STAIR	0.125	10T@150C/C	10T@150C/C	8T@200C/C	8T@200C/C

SCHEDULE OF FOUNDATION					
UNDER COLUMN MKD.	FDN MKD.	SIZE	"D" OVER ALL (M.)	REINFORCEMENT	
				SHORTER DIRN.	LONGER DIRN.
C1,C3,C30,C33	F1	A B 2.250X2.250	0.275	12 T @ 150 C/C	12 T @ 150 C/C
C2,C4,C5,C7,C9,C10,C13,C17,C19,C20,C23,C24,C27,C28,C31,C32	F2	A B 2.300X2.300	0.300	12 T @ 125 C/C	12 T @ 125 C/C
C6,C8,C14,C18,C21,C22,C29	F3	A B 2.750X2.750	0.375	12 T @ 125 C/C	12 T @ 125 C/C
C15-C16	F4	A B 2.400X4.500	0.275	12 T @ 125 C/C	12 T @ 125 C/C
C25-C26	F5	A B 2.400X4.700	0.375	12 T @ 125 C/C	12 T @ 125 C/C
C11-C12-LIFT	F6	A B 3.400X6.600	0.400	12 T @ 125 C/C	12 T @ 125 C/C

SCHEDULE OF R.C.C. RIB BEAMS				
BEAM MKD.	SIZE	AT SUPPORT	AT MID SPAN	STIRRUPS SUPPORT/SPAN
RB	0.350X0.500	TOP: 4-16 T ST. BOT: 4-16 T ST.	TOP: 4-16 T ST. BOT: 4-16 T ST.	8 T @ 125 C/C
RB1	0.600X0.550	TOP: 2-16 T ST. +2-20 T ST. BOT: 2-16 T ST. +2-20 T ST.	TOP: 2-16 T ST. +2-20 T ST. BOT: 2-16 T ST. +2-20 T ST.	8 T @ 125 C/C

COLUMN SCHEDULE			
COLUMN MKD.	REINFORCEMENT	TIES	
C1,C3,C30,C33	M N 0.250X0.450 8-16T	8T@200C/C (4L)	
C4,C5,C7,C9,C10,C13,C15,C16,C17,C19,C20,C23,C24,C27,C28,C31,C32	M N 0.250X0.450 4-20T 4-16T	8T@200C/C (4L)	
C6,C8,C11,C12,C14,C18,C21,C22,C25,C26,C29	M N 0.250X0.450 8-20T	8T@200C/C (4L)	
C2	M N 0.250X0.500 8-20T	8T@225C/C (4L)	



PROJECT NAME :-
STRUCTURAL PLAN OF PROPOSED G+4 STORIED APARTMENT TYPE RESIDENTIAL BUILDING OF SRI NADEEM IQBAL S/O ABDUL JABBAR R.S. PLOT NO - 800, R.S. KHATIAN NO - 1056, L.R. PLOT NO - 983, L.R. KHATIAN NO - 3801,3802, J.L. NO - 35, WARD NO - 41, MOUZA - ASANSOL, P.S. - ASANSOL(S), S.P. MUKHERJEE ROAD BY LANE, DIST-PASCHIM BARDHAMAN W.B. UNDER ASANSOL MUNICIPAL CORPORATION.

- SPECIFICATIONS**
- DEPTH OF FOUNDATION IS AT 1.400 M. BELOW EX. G.L.
 - SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
 - GRADE OF CONC. IS M-20 AND GRADE OF STEEL IS Fe-550.
 - CLEAR COVER TO MAIN REIN. IS AS PER BELOW :-
a). FOUNDATION - 75 MM. b). COLUMN - 40 MM.
c). BEAM - 25 MM. d). SLAB - 15 MM.
 - ALL SLABS MUST BE CAST MONOLYTHIC WITH SUPPORTING BEAM.
 - ALL OTHER SPECIFICATIONS ARE AS PER NATIONAL BUILDING CODE OF INDIA.

SIGNATURE OF OWNERS
CERTIFICATE OF ARCHITECT / L.B.S. :-
CERTIFIED ON 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 AND THE SITE CONDITION INCLUDING THE ABUTTING 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. IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENANT.

SIGNATURE OF L.B.S.
SUVANKAR CHAUDHURI
AMC/074
CERTIFICATE OF STRUCTURAL ENGINEER :-
THE STRUCTURAL DESIGN & DRAWING 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 BASIS OF SOIL INVESTIGATION REPORT BY MR.RUPAK KUMAR BANERJEE (B.C.E M.E.,MIGS) ENLISTED GEO-TECHNICAL ENGINEER . CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

[SUVANKAR CHAUDHURI
AMC/075 //ESE//215
SIGNATURE OF E.S.E

SCALE 1 : 1
(UNLESS OTHERWISE MENTIONED)

