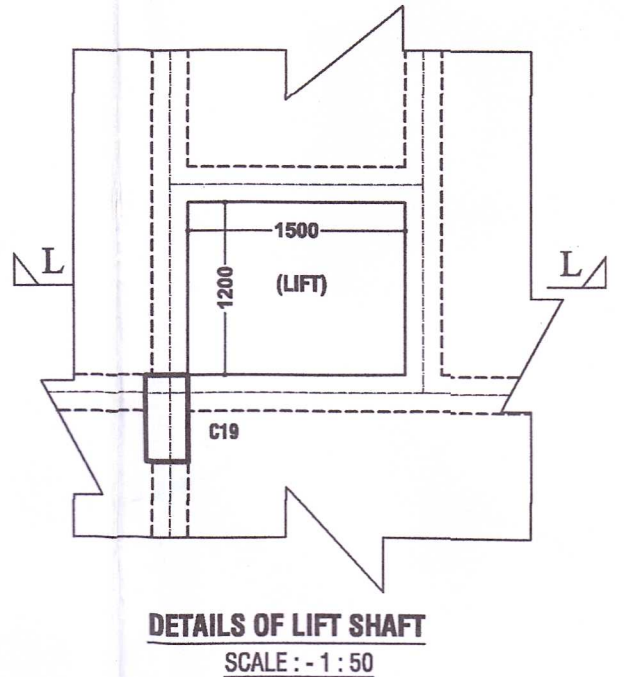
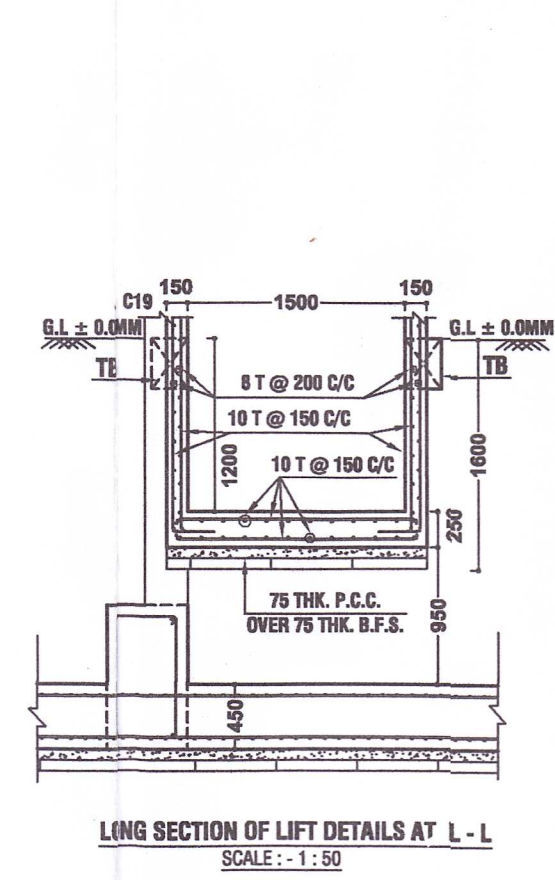
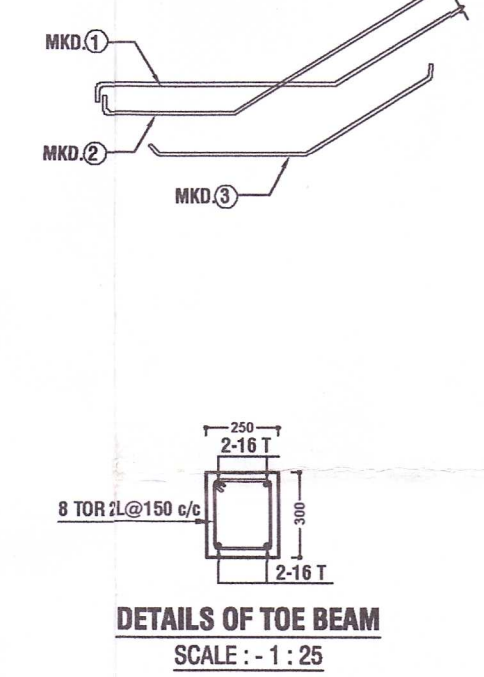
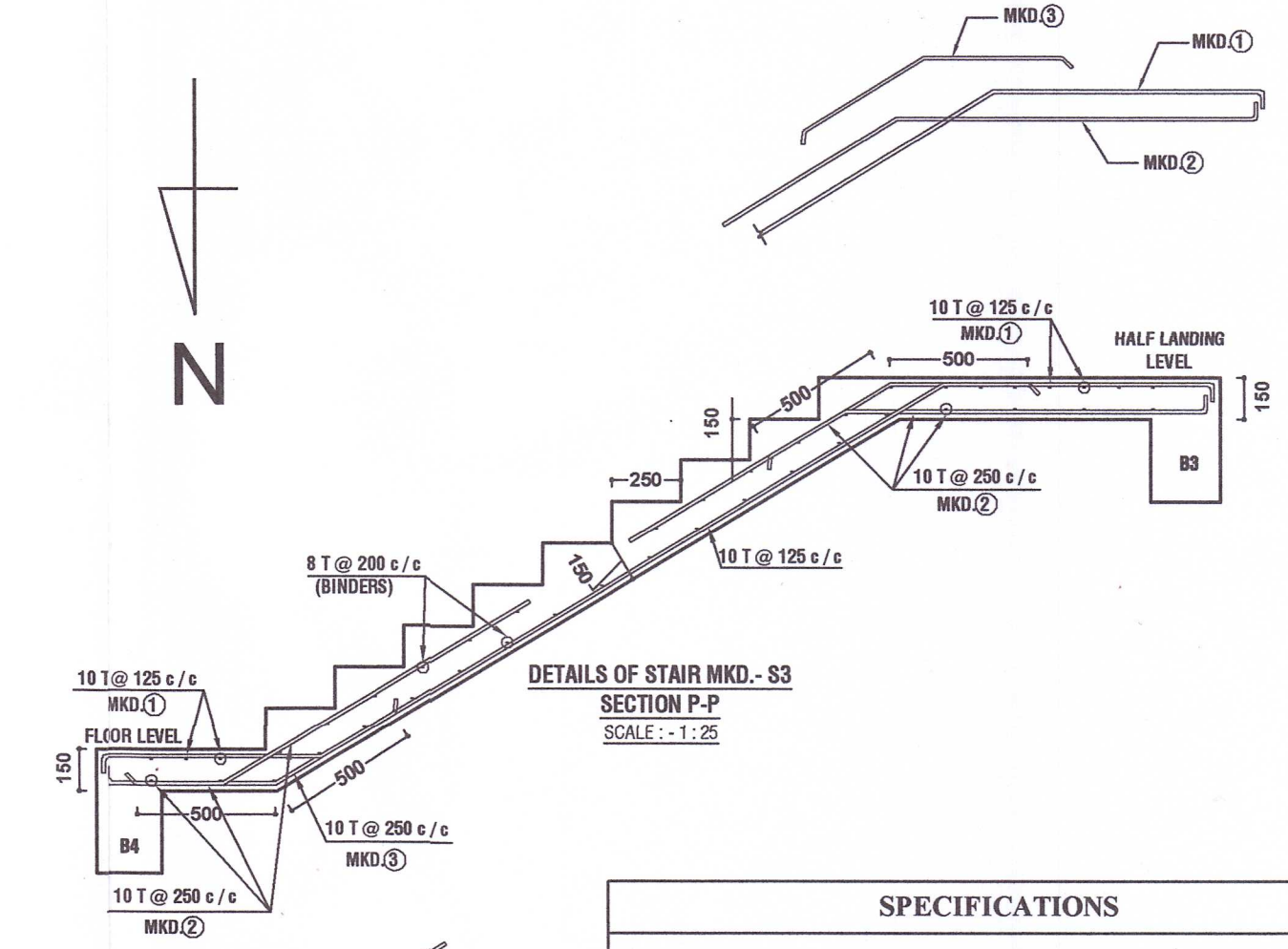
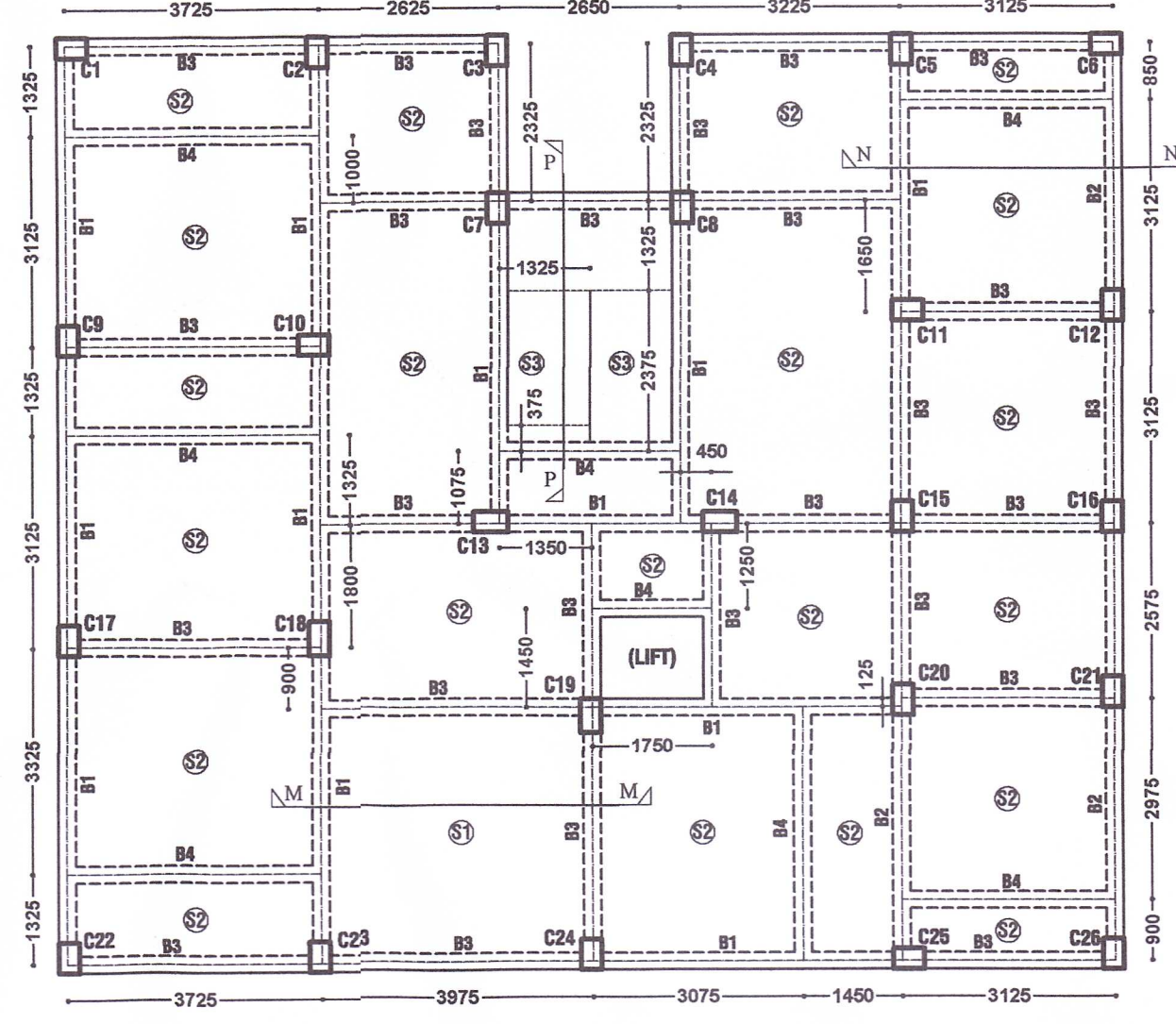
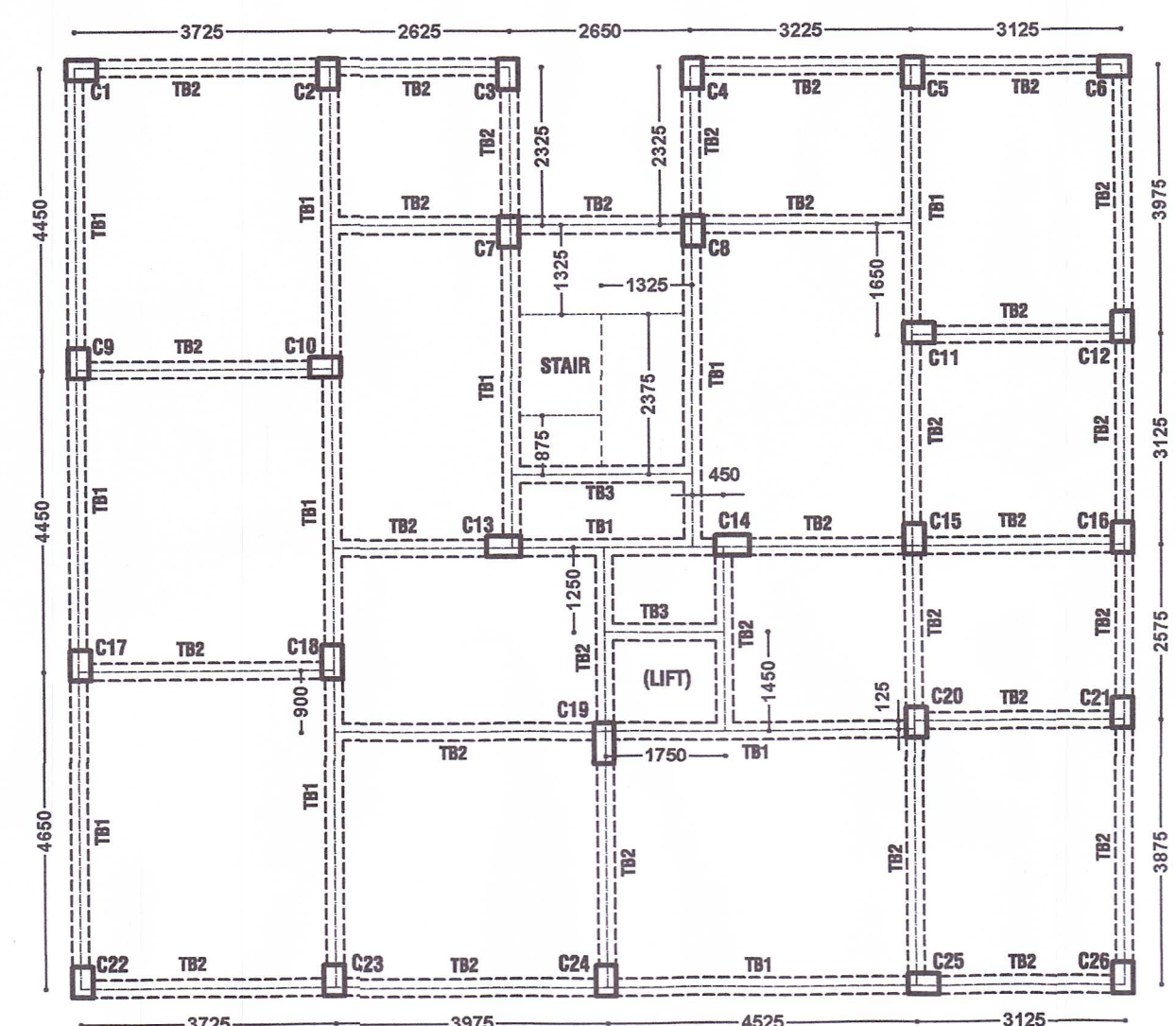
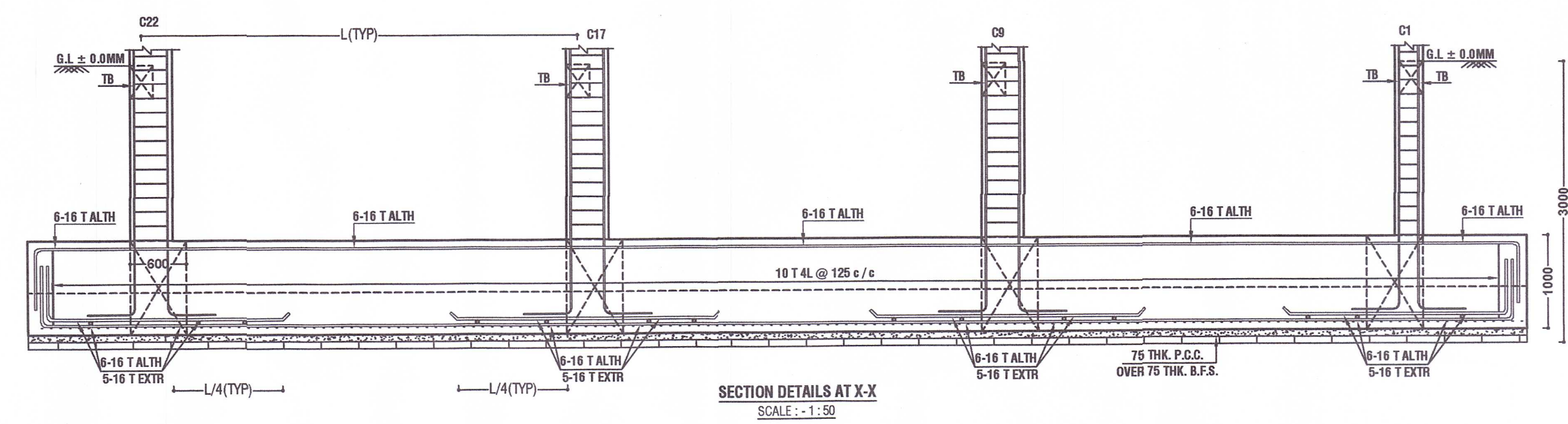
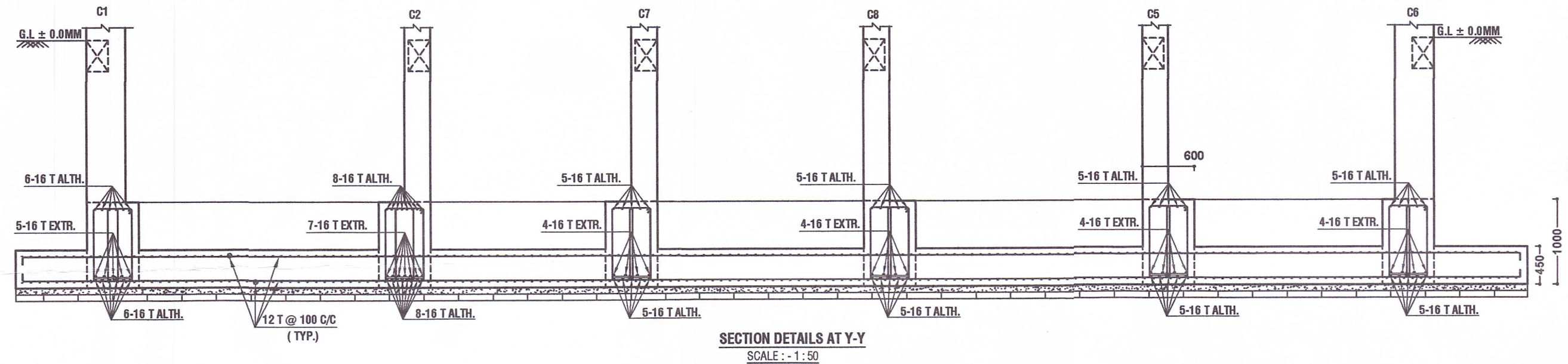
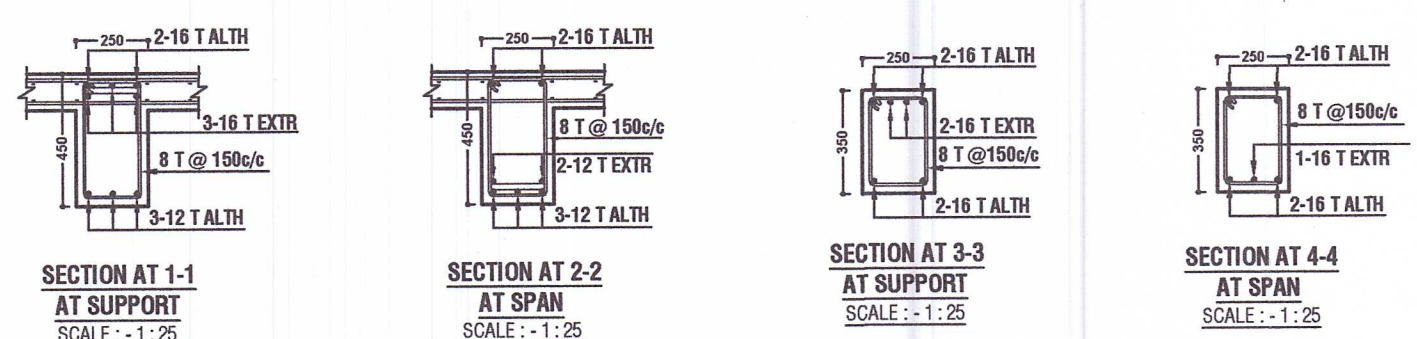
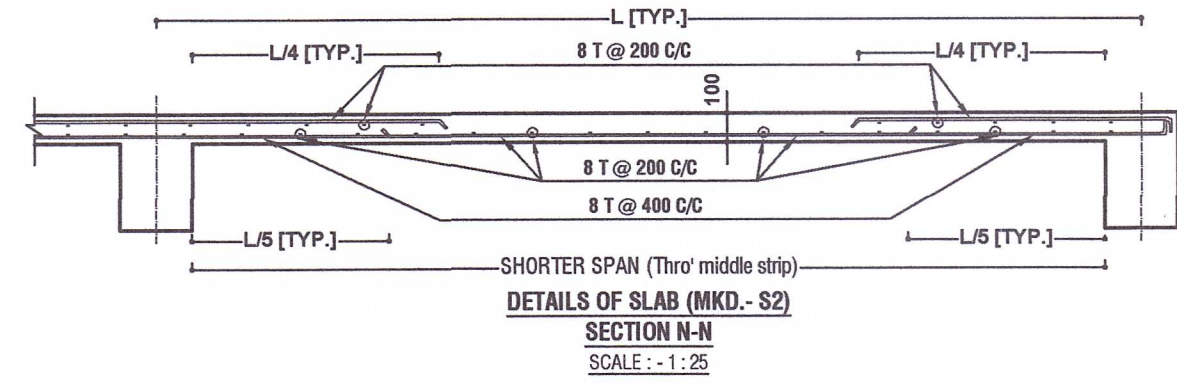
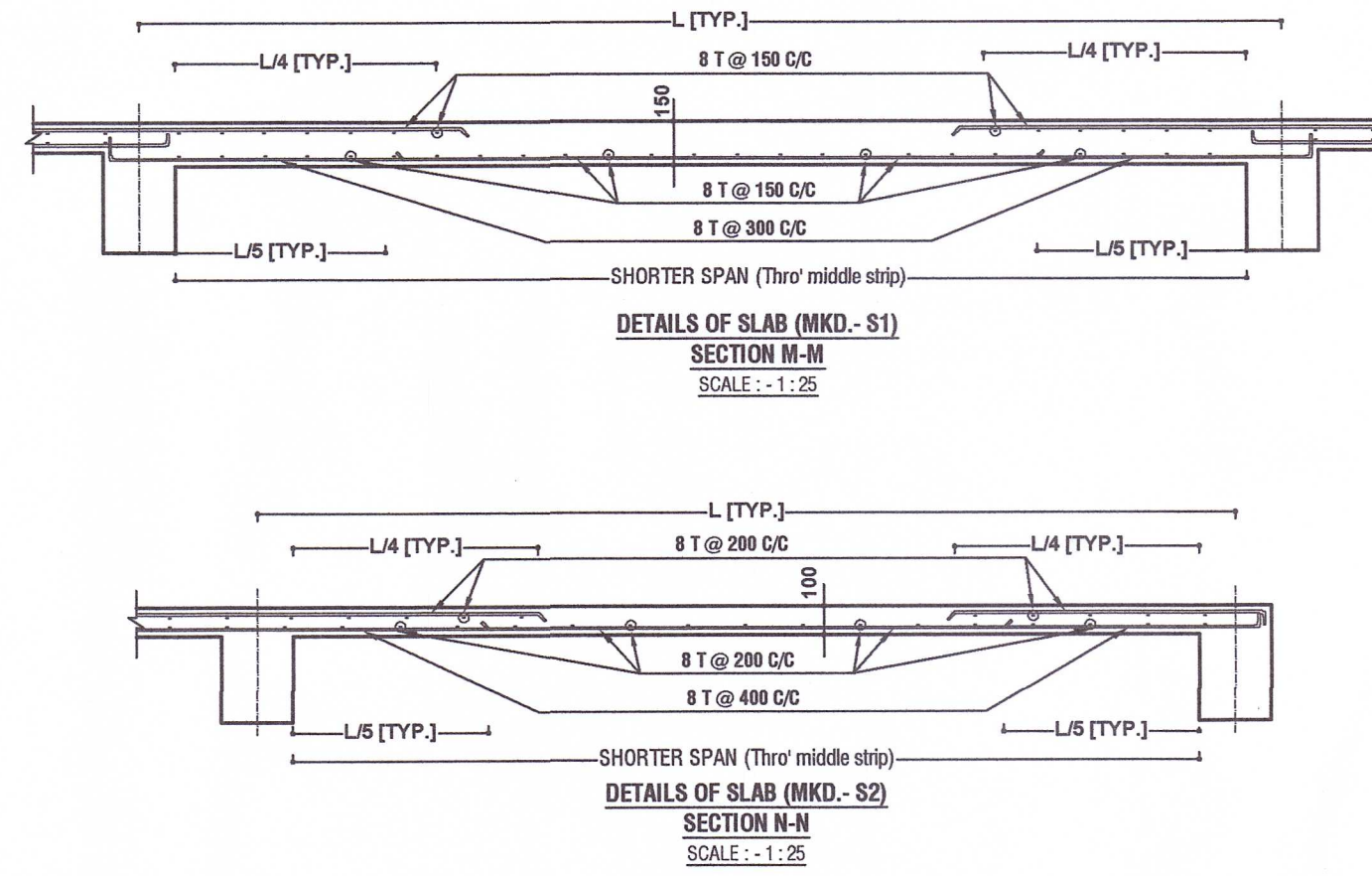
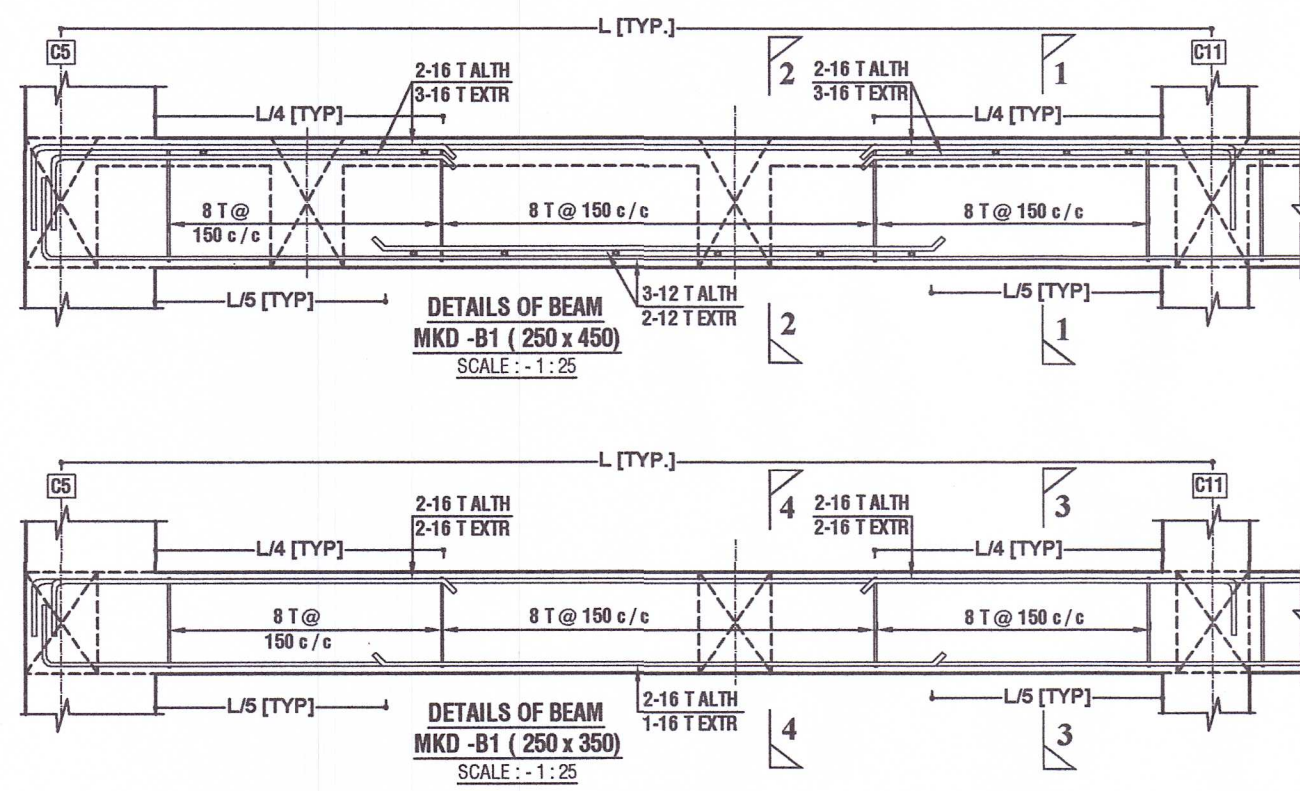


SCHEDULE OF R.C.C. COLUMNS				
COLUMN MKD.	SIZE & REINFORCEMENT FROM BASE TO 2ND. FL. LVL.	SIZE & REINFORCEMENT FROM 2ND. FL. LVL. TO 4TH. FL. LVL.	SIZE & REINFORCEMENT FROM 4TH. FL. LVL. TO ABOVE FL. LVL.	STIRRUP
C19	300 X 600 7-20 T 7-20 T	300 X 600 4-20 T 3-16 T	300 X 600 4-16 T 3-12 T	8 TOR @ 200 C/C
C13,C14,C18	300 X 500 6-20 T 6-20 T	300 X 500 4-20 T 2-16 T	300 X 500 4-16 T 2-12 T	8 TOR @ 200 C/C
C10,C11,C20	300 X 450 7-16 T 7-16 T	300 X 450 4-16 T 3-12 T	300 X 450 2-16 T 5-12 T	8 TOR @ 200 C/C
C7,C8,C17,C23,C24,C25	300 X 450 6-16 T 6-16 T	300 X 450 4-16 T 2-12 T	300 X 450 6-12 T 6-12 T	8 TOR @ 200 C/C
C1,C2,C3,C4,C5,C6,C9,C12,C15,C16,C21,C22,C26	300 X 450 4-16 T 4-16 T	300 X 450 2-16 T 2-12 T	300 X 450 4-12 T 4-12 T	8 TOR @ 200 C/C

SCHEDULE OF R.C.C. BEAMS							
BEAM MKD.	BEAM SECTION	SIZE & REINFORCEMENT AT SUPPORT		STIRRUP AT SUPPORT	SIZE & REINFORCEMENT AT SPAN		STIRRUP AT SPAN
		TOP	BOTTOM		TOP	BOTTOM	
B1	250X450	2 - 16 T + 3 - 16 T	3 - 12 T	8 TOR 2L @ 150 C/C	2 - 16 T	3 - 12 T + 2 - 12 T	8 TOR 2L @ 150 C/C
B2	250X450	2 - 16 T + 2 - 16 T	3 - 12 T	8 TOR 2L @ 150 C/C	2 - 16 T	3 - 12 T + 2 - 12 T	8 TOR 2L @ 150 C/C
B3	250X450	2 - 16 T + 2 - 16 T	3 - 12 T	8 TOR 2L @ 150 C/C	2 - 16 T	3 - 12 T	8 TOR 2L @ 150 C/C
B4	250X450	2 - 16 T	2 - 16 T	8 TOR 2L @ 200 C/C	2 - 16 T	2 - 16 T	8 TOR 2L @ 200 C/C
TB1	250X350	2 - 16 T + 2 - 16 T	2 - 16 T	8 TOR 2L @ 150 C/C	2 - 16 T	2 - 16 T + 1 - 16 T	8 TOR 2L @ 150 C/C
TB2	250X350	2 - 12 T + 2 - 16 T	2 - 16 T	8 TOR 2L @ 200 C/C	2 - 12 T	2 - 16 T	8 TOR 2L @ 200 C/C
TB3	250X350	2 - 16 T	2 - 16 T	8 TOR 2L @ 200 C/C	2 - 16 T	2 - 16 T	8 TOR 2L @ 200 C/C

SCHEDULE OF R.C.C. BEAMS							
BEAM MKD.	BEAM SECTION	SIZE & REINFORCEMENT AT SUPPORT		STIRRUP AT SUPPORT	SIZE & REINFORCEMENT AT SPAN		STIRRUP AT SPAN
		TOP	BOTTOM		TOP	BOTTOM	
RB1	600X1000	8 - 16 T	8 - 16 T + 7 - 16 T	10 TOR 4L @ 125 C/C	8 - 16 T	8 - 16 T	10 TOR 4L @ 125 C/C
RB2	600X1000	6 - 16 T	6 - 16 T + 5 - 16 T	10 TOR 4L @ 125 C/C	6 - 16 T	6 - 16 T	10 TOR 4L @ 125 C/C
RB3	600X1000	5 - 16 T	5 - 16 T + 4 - 16 T	10 TOR 4L @ 125 C/C	5 - 16 T	5 - 16 T	10 TOR 4L @ 125 C/C
RB4	600X1000	7 - 16 T	7 - 16 T	10 TOR 4L @ 125 C/C	7 - 16 T	7 - 16 T	10 TOR 4L @ 125 C/C

SCHEDULE OF R.C.C. SLABS				
SLAB MKD.	THICKNESS (mm)	REINFORCEMENT PARALLEL TO SHORTER DIRECTION	REINFORCEMENT PARALLEL TO LONGER DIRECTION	
S1	150	8 T @ 150 c/c (bot.)	8 T @ 150 c/c (top)	8 T @ 150 c/c (top & bot.)
S2	100	8 T @ 200 c/c (bot.)	8 T @ 200 c/c (top)	8 T @ 200 c/c (top & bot.)
S3	150	8 T @ 200 c/c (binder)	8 T @ 200 c/c (binder)	10 T @ 125 c/c (top) 10 T @ 250 c/c (bot.)



- SPECIFICATIONS**
- DEPTH OF FOUNDATION IS AT 3.0 M. BELOW EXISTING G.L.
 - FOUNDATIONS MUST BE PLACED WITH RESPECT TO THE CENTRE OF THE COLUMNS.
 - GRADE OF CONCRETE IS M-20 (1 : 1.5 : 3, NOMINAL MIX) AND GRADE OF STEEL IS Fe-500.
 - CLEAR COVER TO MAIN REINFORCEMENT IS AS PER BELOW:-
 - FOUNDATION - 75 MM
 - COLUMN - 40 MM
 - BEAM - 25 MM
 - SLAB - 20 MM
 - ALL SLABS MUST BE MONOLITHIC WITH SUPPORTING BEAM.
 - ALL OTHER SPECIFICATIONS AS PER NATIONAL BUILDING CODE OF INDIA

THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

Tushar Baran Pahari
TUSHAR BARAN PAHARI
M.E. (STRUCTURE), MGS.
E.S.E. NO. P-40
REGISTERED ENGINEER,
BUREAU OF STANDARDS
SIC OF STRUCTURAL ENGINEER.

Aloke Kr. Majumdar
(L.C.E.) Regn. No.-3998
Licenced Plan Maker
(Burdwan Municipality)
SIGNATURE OF L.B. ARCHITECT

SIGNATURE OF GEO-TECHNICAL ENGINEER

Abdul Alim

SIGNATURE OF OWNER

STRUCTURAL DRAWING OF A PROPOSED G+V STD. RESIDENTIAL FLAT BUILDING OF MD. ABDUL ALIM, S/O- SABIR ALI MONDAL, AT MAHALLA- KAMALNAGAR, HOLDING NO-66/2, WARD NO.- 26, ON MOUZA- GODA, J.L.NO-41, R.S.PLOT NO.- 5291,5038, MP.PLOT NO-53,L.R.PLOT NO- 2552/2621, L.R.KH.NO-4943, UNDER BURDWAN MUNICIPALITY, P.S. & DIST. BURDWAN.