

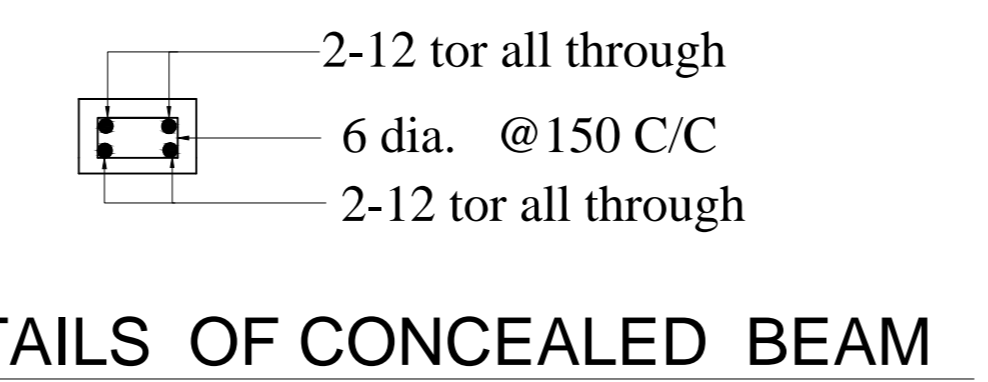
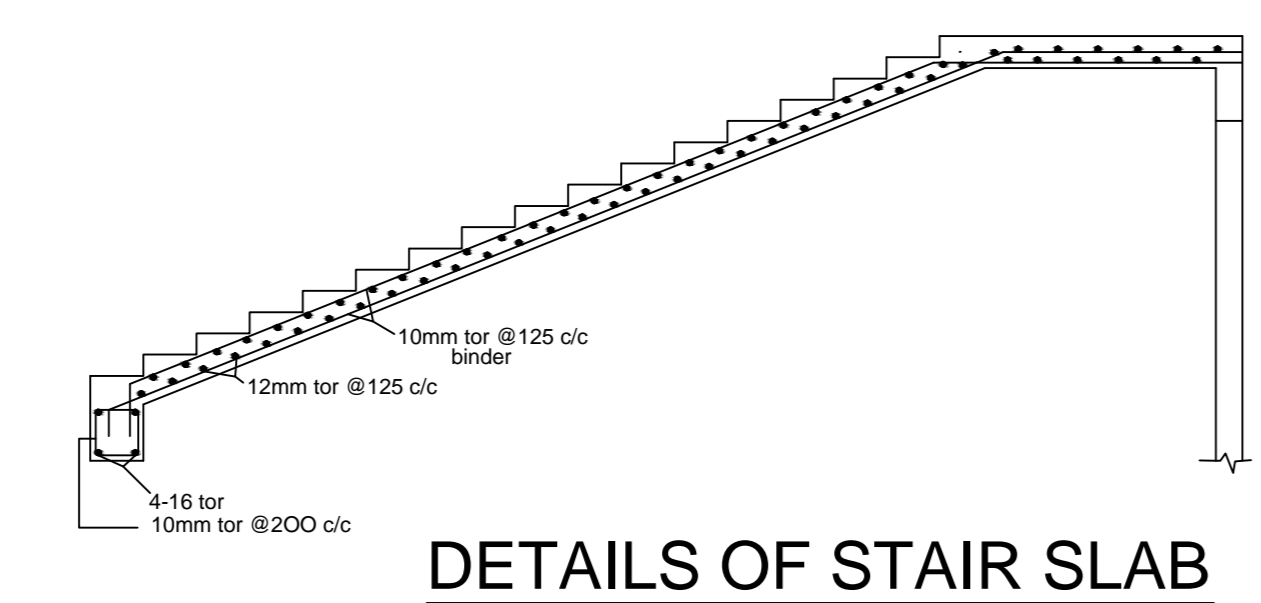
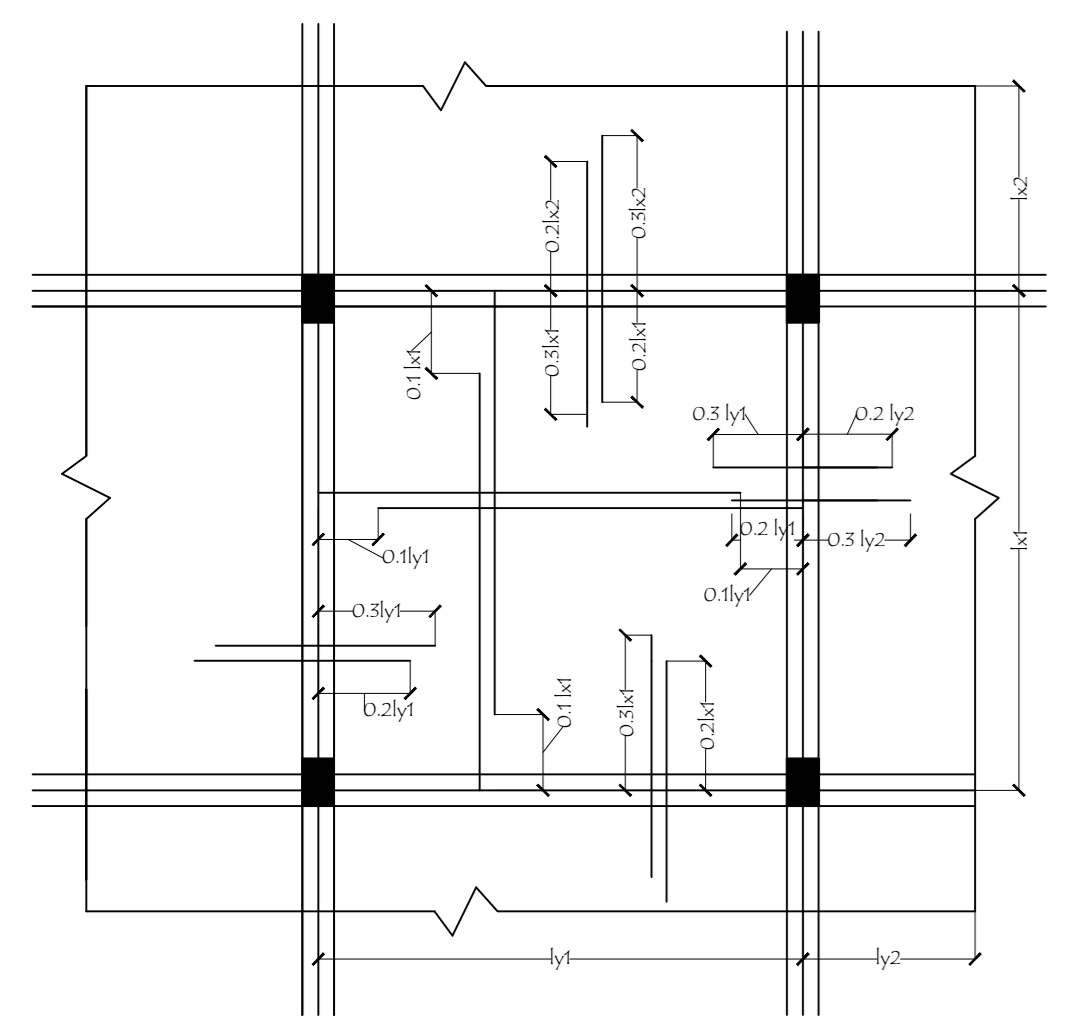
SCHEDULE OF R.C.C. FLOOR BEAMS(M20)

BEAM MARKED	BEAM SIZE(mm)	SUPPORT		MID SPAN		STIRUPS
		TOP	BOT	TOP	BOT	
B1	250 x 500	2-16 tor(th.)+ 1-16 tor(ex.top)	2-16 tor	2-16 tor	2-16 tor(th.)+ 1-16 tor(ex.top)	8 mm @ 125 c/c
B2	250 x 500	2-16 tor(th.)+ 2-16 tor(ex.top)	2-16 tor	2-16 tor	2-16 tor(th.)+ 2-16 tor(ex.bot.)	8 mm @ 125 c/c
B3	250 x 500	2-20 tor(th.)+ 2-16 tor(ex. top)	3-16 tor	2-20 tor	3-16 tor(th.)+ 2-16 tor(ex.bot.)	8 mm @ 125 c/c
B4	250 x 500	2-20 tor(th.)+ 2-20 tor(ex.top)	3-20 tor	2-20 tor	3-20 tor(th.)+ 2-20 tor(ex.bot)	8 mm @ 125 c/c

Grade of Concrete M-20, Grade of Steel- Fe-500.

SCHEDULE OF COLUMN

COLUMN NOS.	COLUMN SIZE(mm)	B.F TO 3RD FLOOR	3RD FLOOR TO 5TH FLOOR	STIRUPS
C1,C2,C3,C26,C27,C41,C42	250 x 500	4-25 tor 6-20 tor	4-20 tor 6-16 tor	8 mm tor @ 150 c/c bothways
C5,C6,C7,C8,C9,C11,C17,C18,C19,C22,C24,C30,C31,C32,C33,C34,C40,C45,C46,C47	600 x 250	4-25 tor 8-20 tor	6-20 tor 6-16 tor	8 mm tor @ 150 c/c bothways
C4, C10,C12,C13,C14,C15,C16,C20,C21,C23,C25,C28,C29,C35,C36,C37,C38,C39,C43,C44	750 x 250	14-20 tor	8-20 tor 6-16 tor	8 mm tor @ 150 c/c bothways



SCHEDULE OF R.C.C. SLAB

SLAB MARKED	THICKNESS OF SLAB	SHORT SPAN SUPPORT				LONG SPAN SUPPORT			
		TOP		BOT		TOP		BOT	
		TOP	BOT	TOP	BOT	TOP	BOT	TOP	BOT
S1	125 mm	125 C/C	150 C/C	125 C/C	150 C/C	125 C/C	150 C/C	125 C/C	150 C/C

SCHEDULE OF RAFT SLAB

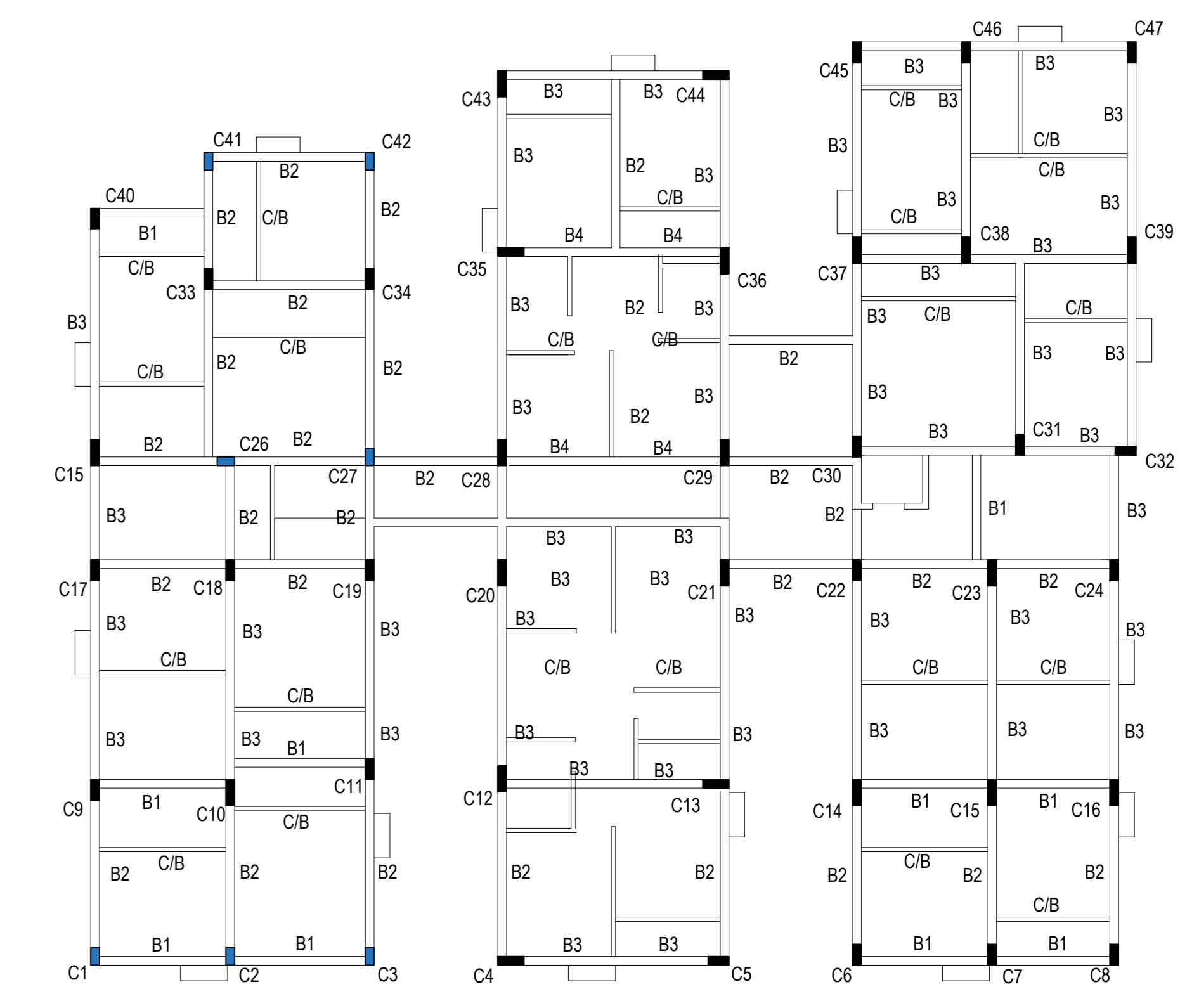
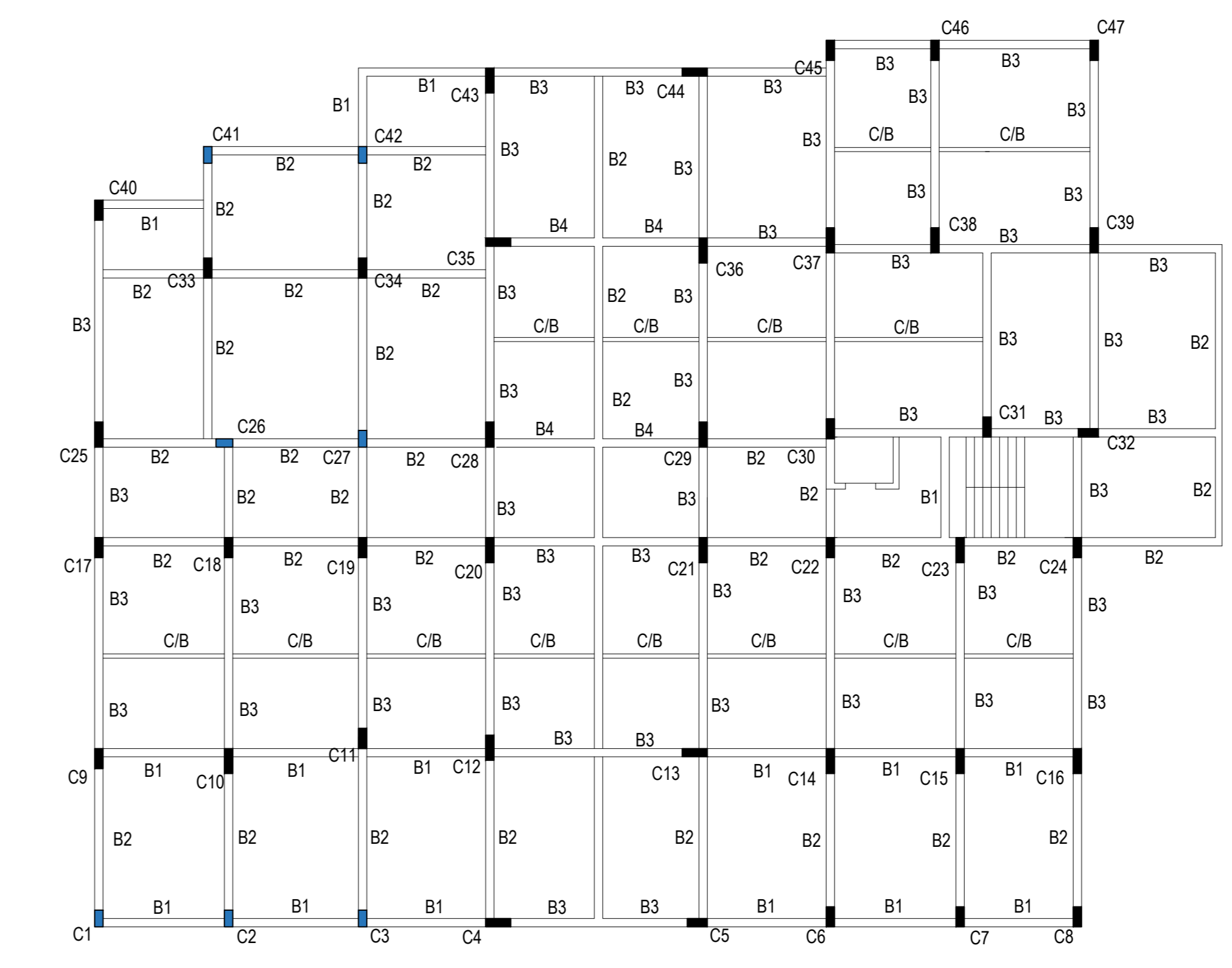
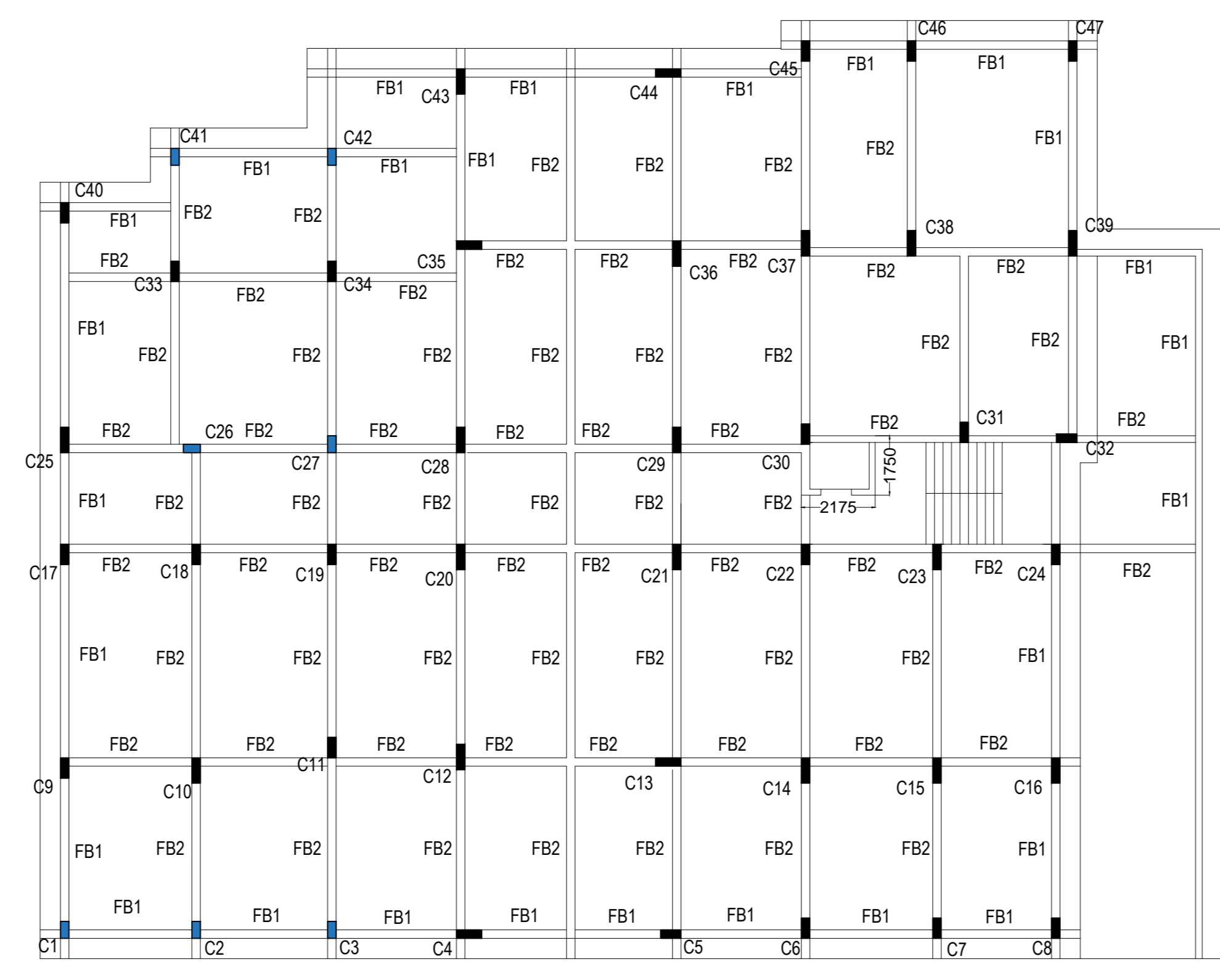
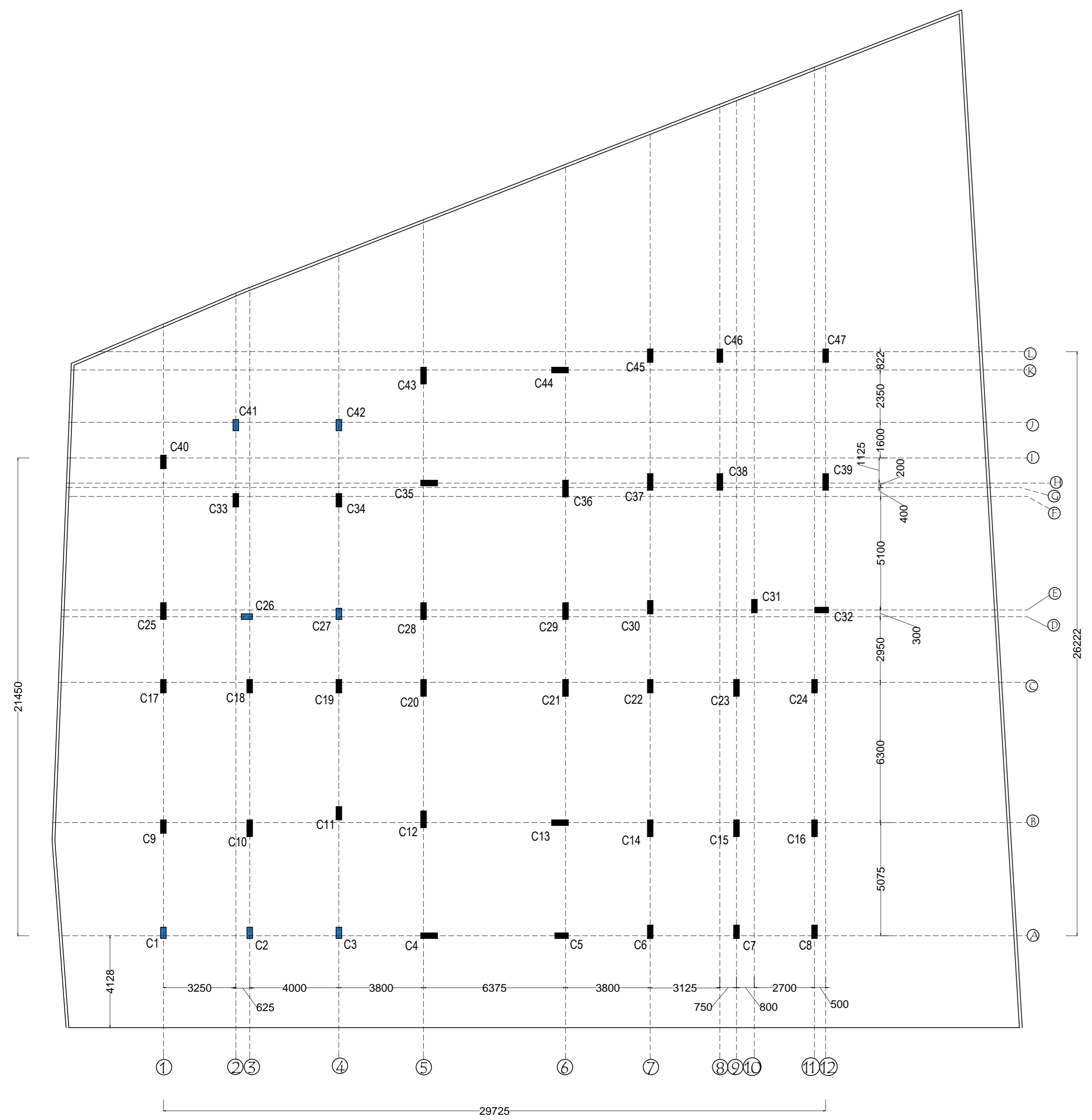
THK. (mm)	REINFORCEMENT			
	TOP LAYER		BOT. LAYER	
	Short span	Long span	Short span	Long span
250	12 tor @ 150 c/c	12 tor @ 125 c/c	12 tor @ 150 c/c	12 tor @ 125 c/c

Grade of Concrete M-20, Grade of Steel- Fe-500

SCHEDULE OF R.C.C. FOUNDATION BEAM

BEAM MKD.	SIZE(mm)	REINFORCEMENT				STIRRUP
		AT SUPPORT		AT MID SPAN		
		TOP	BOT	TOP	BOT	
FB1	400 x 750	6-16 tor	4-20 tor 2-16 tor	8-16 tor	4-20 tor	8 mm 4L @ 150 c/c
FB2	400 x 750	4-20 tor 2-16 tor	4-20 tor 4-16 tor	4-20 tor 4-16 tor	4-20 tor 2-16 tor	8 mm 4L @ 150 c/c
FB3	300 x 600	4-16 tor	5-16 tor	5-16 tor	4-16 tor	8 mm 4L @ 150 c/c

2 nos 12 tor all through in each side face of FB1 & FB2
Grade of Concrete M-20, Grade of Steel- Fe-500



CENTRE LINE LAYOUT

RAFT FOUNDATION LAYOUT

BEAM LAY-OUT GROUND FLOOR

BEAM LAY-OUT OF TYPICAL FLOOR

NOTES

- ALL DIMENSIONS ARE IN MM.
- WRITTEN DIMENSIONS MUST BE FOLLOWED.
- OWNERS PLOT SHWN IN RED COLOUR.

SPECIFICATIONS

- 250 THK. BRICK WORK IN 1:6 MORTAR.
- 125 THK. & 75 THK. BRICK WORK IN 1:4 MORTAR.
- R.C.C. WORK IN 1:2:4 MORTAR.
- P.C.C. WORK IN 1:3:6 MORTAR.
- 150 WIDE SURFACE DRAIN SHOULD BE ALL ROUND THE BUILDING.
- WAST SLAB 100 MM. THK.
- ALL CHAJJAS 450 MM. WIDE

STRUCTURAL DRAWING OF THE PROP. RESIDENTIAL CUM COMMERCIAL BUILDING B+G+5 OF SRI BROJENDRA MOHAN MAZUMDER ,S/O. LATE NABANI DHAR MAZUMDER , TO BE CONSTRUCTED AT HIRAPUR . MOUZA- SANTA. J.L.NO.20 P.S.- HIRAPUR, WARD NO. - 54, R.S. PLOT NO.- 2734 ,L.R PLOT NO - 2494 ,L.R.KHATIAN NO. 1897, DIST: PASCHIM BURDWAN ,UNDER ASANSOL MUNICIPAL CORPORATION .