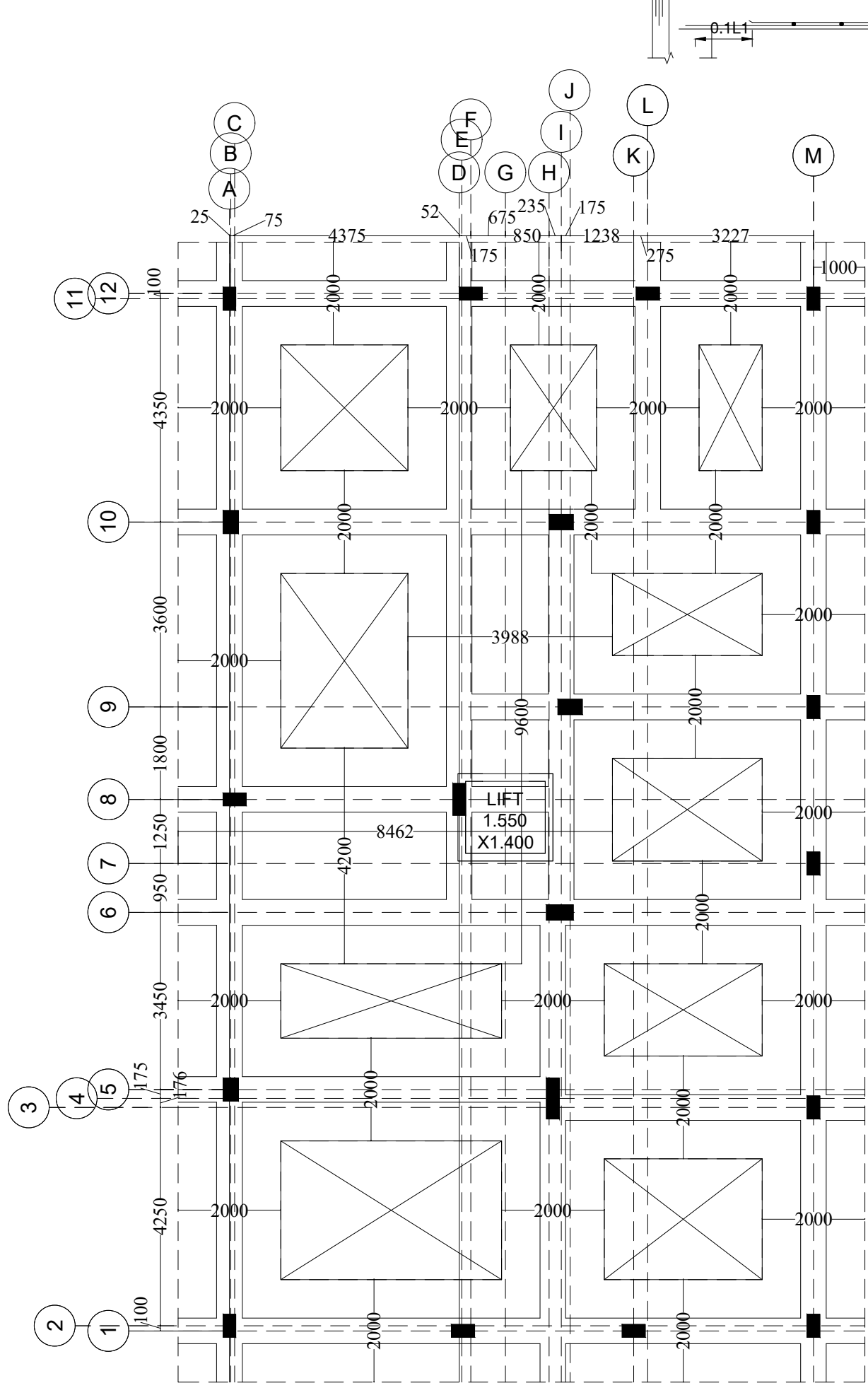
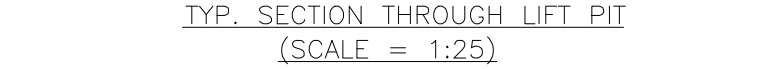
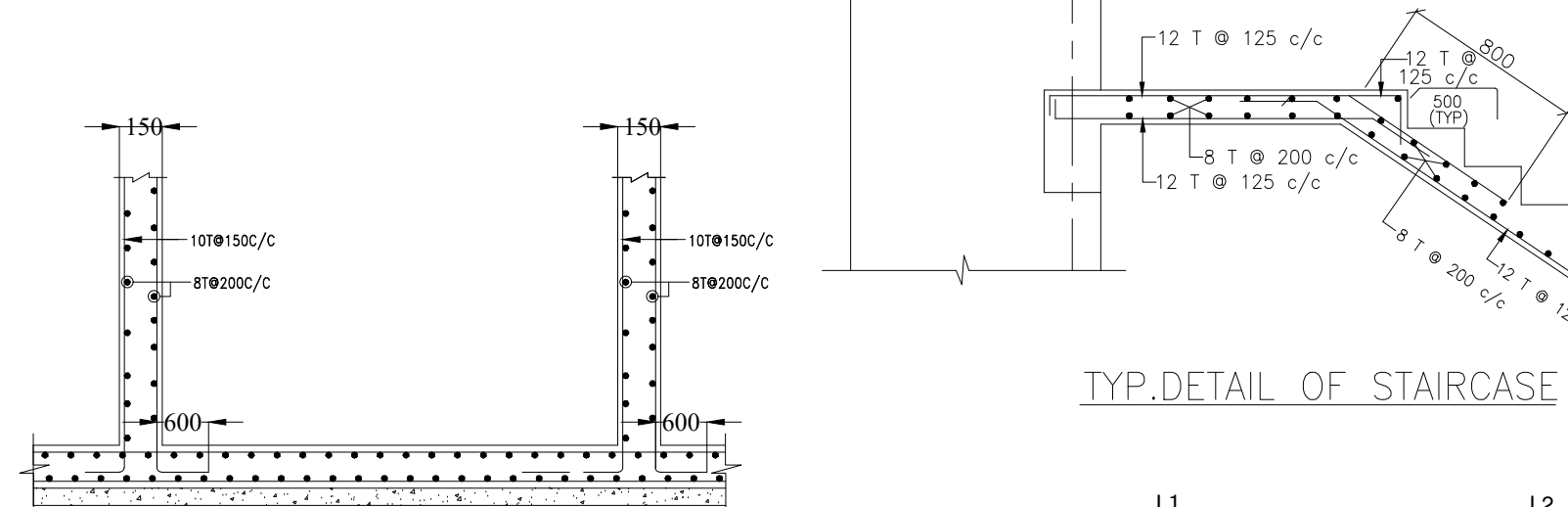
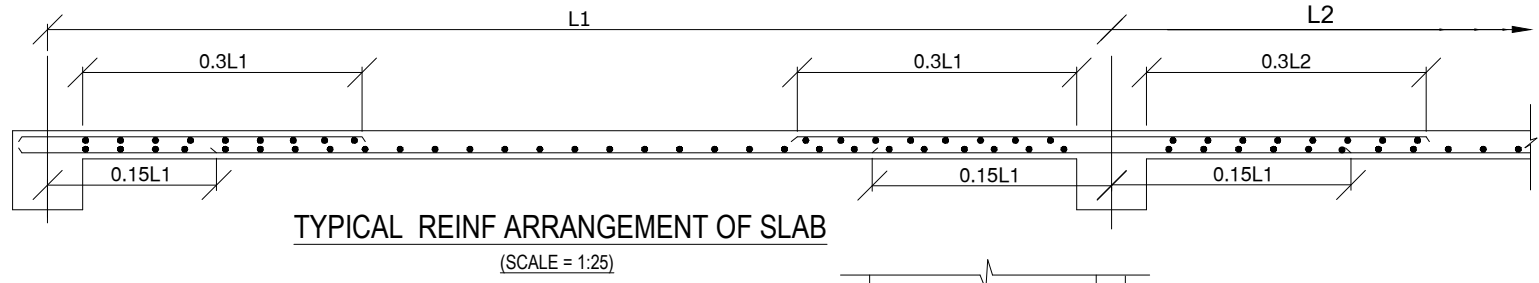


3.05 M TO ROOF 0 M TO -1.5 M TO 0 M	M25 Fe550	SIZE	250 X 450	250 X 450	250 X 450	300 X 450	300 X 450	250 X 450	300 X 450	250 X 450	250 X 450	250 X 625	300 X 550	300 X 450	250 X 800	250 X 450	250 X 450	
		STEEL	8-T16	4-T20 + 4-T16	4-T20 + 2-T16	10-T20 + 2-T16	8-T16	4-T20 + 4-T16	8-T16	4-T20 + 4-T16	4-T20 + 8-T16	8-T16	10-T20 + 2-T16	8-T16	8-T20	4-T20 + 4-T16		
	M25 Fe550	LINKS	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	
		SIZE	250 X 450	250 X 450	250 X 450	300 X 450	300 X 450	250 X 450	300 X 450	250 X 450	250 X 450	250 X 625	300 X 550	300 X 450	250 X 800	250 X 450	250 X 450	
3.05 M	M25 Fe550	STEEL	8-T16	4-T20 + 4-T16	4-T20 + 2-T16	10-T20 + 2-T16	4-T20 + 2-T16	4-T20 + 4-T16	4-T20 + 2-T16	4-T20 + 4-T16	4-T20 + 8-T16	4-T20 + 8-T16	6-T20 + 8-T16	10-T20 + 2-T16	4-T20 + 4-T16	8-T20	4-T20 + 4-T16	
		LINKS	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	
		SIZE	250 X 450	250 X 450	250 X 450	300 X 450	300 X 450	250 X 450	300 X 450	250 X 450	250 X 450	250 X 625	300 X 550	300 X 450	250 X 800	250 X 450	250 X 450	
TO 0 M	M25 Fe550	STEEL	8-T16	4-T20 + 4-T16	4-T20 + 2-T16	10-T20 + 2-T16	4-T20 + 2-T16	4-T20 + 4-T16	4-T20 + 4-T16	4-T20 + 8-T16	4-T20 + 8-T16	4-T20 + 8-T16	6-T20 + 8-T16	10-T20 + 2-T16	4-T20 + 4-T16	8-T20	4-T20 + 4-T16	
		LINKS	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	T8@175 C/C	
COLUMN MARKED			C1, C4, C17, C19, C20		C2	C3	C5	C6	C7	C8	C9, C12	C10	C11	C13	C14	C15	C16	C18

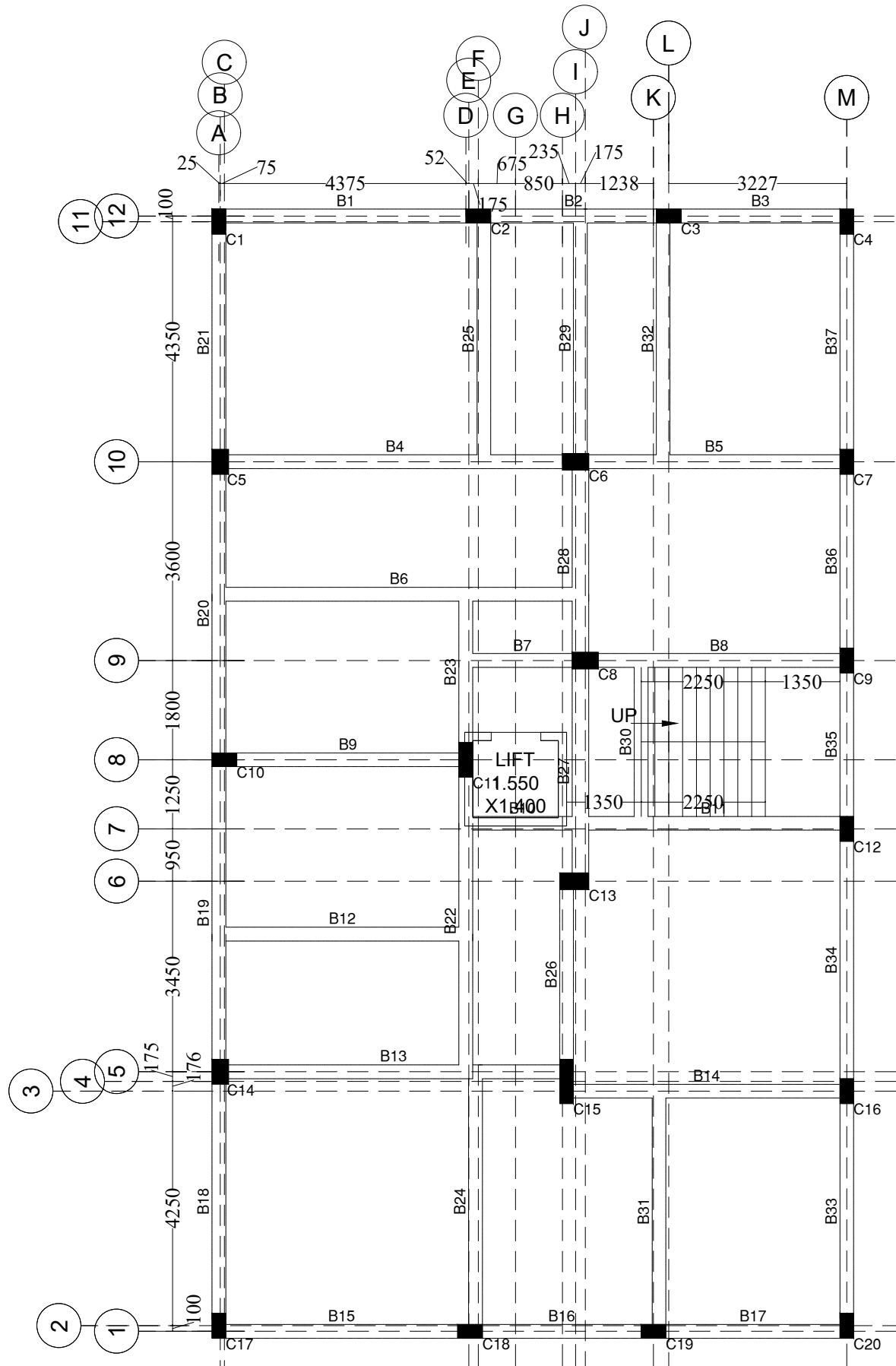
COLUMN SCHEDULE

BEAM SCHEDULE (M25 : Fe550) (LEVEL: TIE)

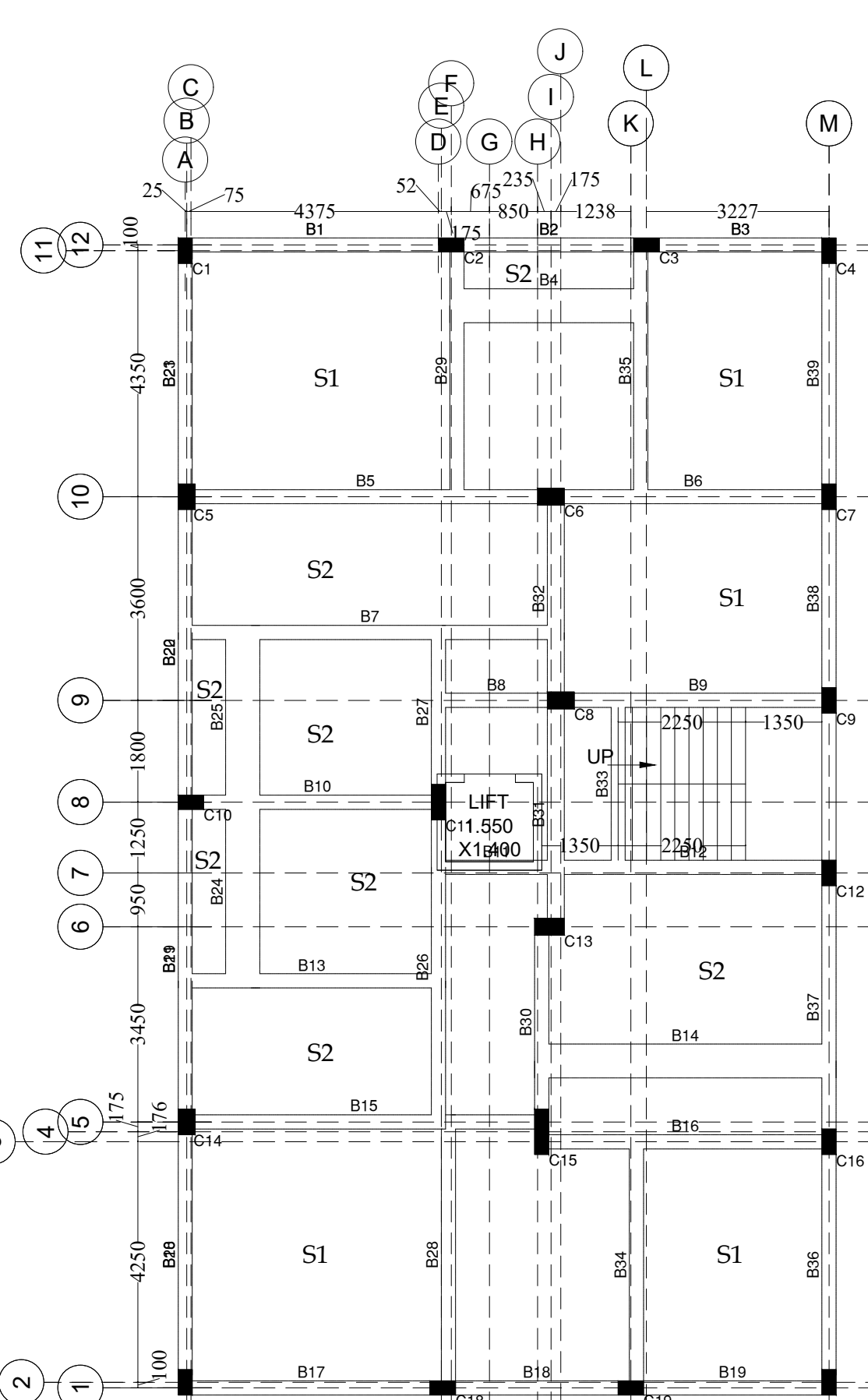
BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT
B1,B4,B6,B7,B9 ,B12,B13,B14,B15 ,B16,B17,B18,B19 ,B20,B21,B22,B23 ,B24,B25,B26,B30 ,B31,B32,B33,B34	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@175 C/C	2L-T8@175 C/C	2L-T8@175 C/C
B2,B10	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C
B3,B35	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@175 C/C	2L-T8@150 C/C	2L-T8@150 C/C
B5,B8,B37	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@150 C/C
B11,B29,B36	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@175 C/C
B27	300	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@100 C/C	2L-T8@175 C/C	2L-T8@175 C/C
B28	300	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@175 C/C	2L-T8@150 C/C	2L-T8@150 C/C



FOOTING LAYOUT
SCALE= 1:100



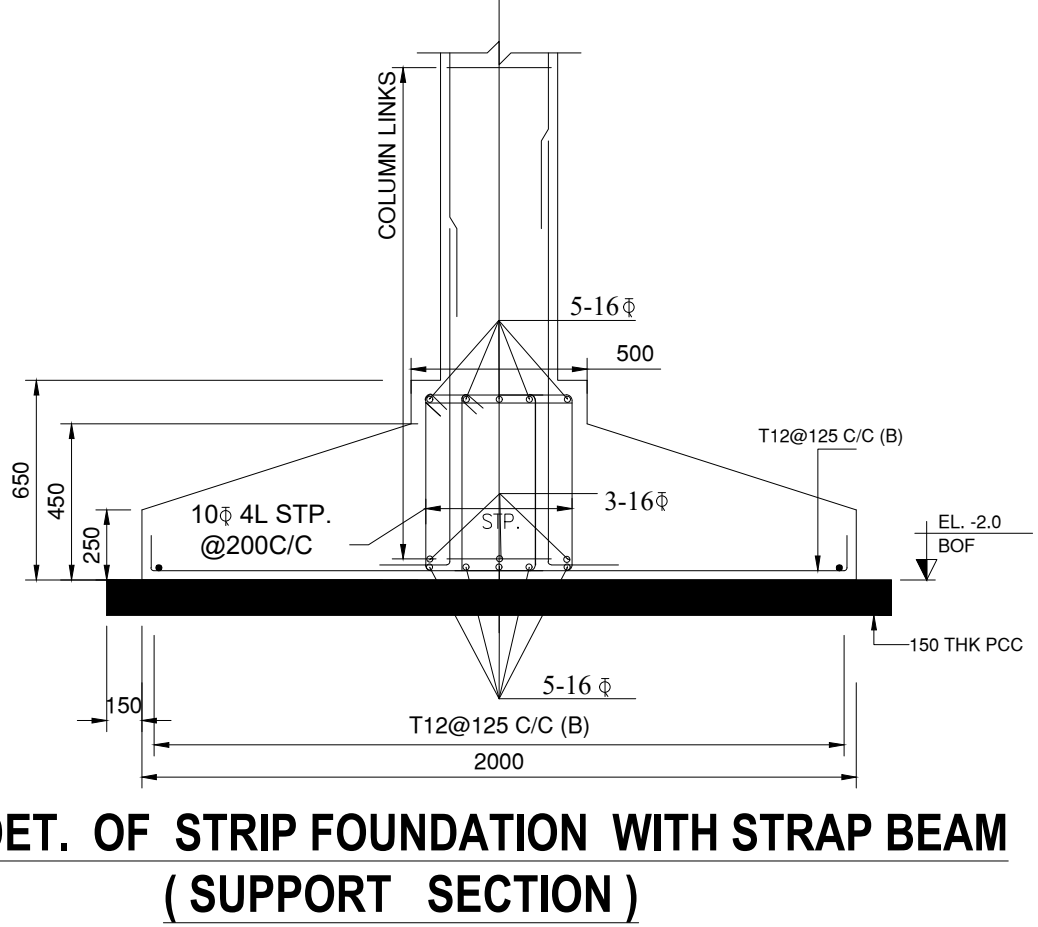
TIE BEAM ARRAGEMENT
SCALE= 1:100



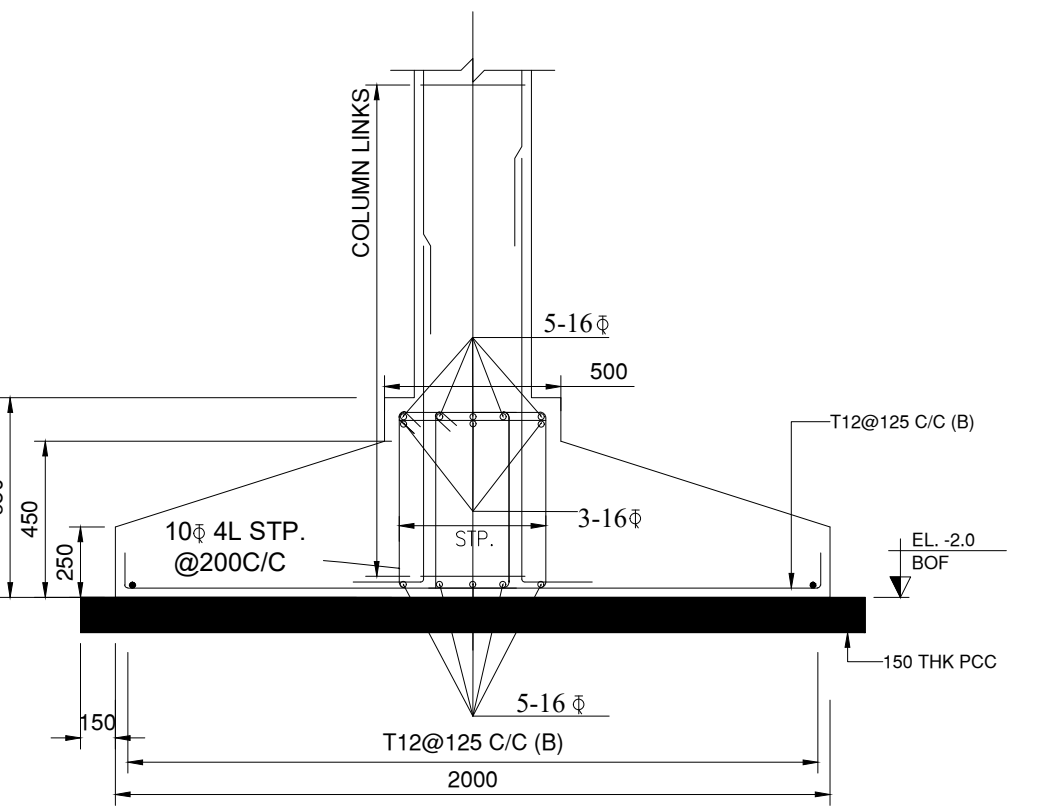
FLOOR BEAM & SLAB LAY OUT PLAN
(Scale 1:100)

BEAM SCHEDULE (M25 : Fe550) (LEVEL: TYPICAL)

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS			SFR
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	
B1,B17,B36	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B2	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8@175 C/C	2L-T8@175 C/C	2L-T8@150 C/C	-
B3,B13,B19,B34	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B4	600	200	5-T16	5-T16	5-T16	5-T16	5-T16	5-T16	2L-T8@100 C/C	2L-T8@100 C/C	2L-T8@100 C/C	-
B5	250	450	3-T16	3-T16 + 2-T16	3-T16 + 2-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@125 C/C	-
B6	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B7	250	450	3-T16	3-T16 + 2-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B8	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@100 C/C	2L-T8@100 C/C	2L-T8@100 C/C	-
B9,B23	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@150 C/C	-
B10,B21	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B11	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16 + 2-T16	2L-T8@75 C/C	2L-T8@75 C/C	2L-T8@75 C/C	-
B12	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@150 C/C	-
B14	600	200	5-T16	7-T16	5-T16	5-T16	5-T16	5-T16	2L-T8@150 C/C	2L-T8@100 C/C	2L-T8@150 C/C	2-T10EF
B15	250	450	3-T16 + 2-T16	3-T16 + 2-T16	3-T16 + 2-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@75 C/C	-
B16,B30,B37	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B18,B28,B35	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B20	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@150 C/C	-
B22	250	450	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@125 C/C	-
B24	600	200	5-T16	5-T16	5-T16	5-T16	5-T16	5-T16	2L-T8@100 C/C	2L-T8@100 C/C	2L-T8@125 C/C	2-T10EF
B25	600	200	5-T16	5-T16	5-T16	5-T16	5-T16	5-T16	2L-T8@100 C/C	2L-T8@100 C/C	2L-T8@100 C/C	2-T10EF
B26	250	450	3-T16	3-T16 + 2-T16	3-T16 + 2-T16	3-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-
B27	250	450	3-T16 + 2-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@125 C/C	2L-T8@125 C/C	-
B29	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16 + 2-T16	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@125 C/C	-
B31	300	500	4-T16	4-T16	4-T16	4-T16	4-T16	4-T16	2L-T10@75 C/C	2L-T10@175 C/C	2L-T10@175 C/C	1-T10EF
B32	300	500	4-T16	4-T16	4-T16	4-T16	4-T16	4-T16	2L-T8@175 C/C	2L-T8@175 C/C	2L-T8@175 C/C	1-T10EF
B33,B39	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@150 C/C	-
B38	250	450	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8@150 C/C	2L-T8@175 C/C	2L-T8@175 C/C	-



DET. OF STRIP FOUNDATION WITH STRAP BEAM
(SUPPORT SECTION)



DET. OF STRIP FOUNDATION WITH STRAP BEAM
(SPAN SECTION)

NOTES

- ALL DIMENSIONS ARE IN MILLIMETRE EXCEPT OTHERWISE SPECIFICALLY MENTIONED.
- ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRAWING IS TO BE EAD INCONJUNCTION WITH NECESSARY ARCHITECTURAL DRAWING.
- IF ANY DISCREPANCY IS FOUND IN THE DRAWING IT SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECT/ENGINEER BEFORE COMMENCEMENT OF THE WORK.
- ALL REINFORCING BAR WILL CONFORMS TO GRADE Fe-550 IS. 1786-1979 .
- CONCRETE SHALL BE FOLLOWING GRADE AS PER IS : 456-2000
a) FOUNDATION- M25 b) SUPERSTRUCTURE - M25
- CLEAR COVER TO MAIN REINFORCEMENT :
a) FOUNDATION - 50 b) COLUMNS - 40 c) FOUNDATION BEAMS -50.
d) FLOOR BEAMS - 25 d) FLOOR SLAB - 20
- LAP LENGTH OF TENSILE REINFORCEMENT SHOULD BE 50 X D AND IN COMPRESSION 40 X D WHERE 'D' IS THE SMALLER DIAMETER OF BAR.



APPROVED BY

SIGNATURE OF OWNER

SIGNATURE OF STRUCTURAL ENGINEER

STRUCTURAL DRAWING FOR PROPOSED G+III

RESIDENTIAL FLAT BUILDINGS OF 1) BIJOY KRISHNA

DAS, S/O- LATE SURENDRA NATH DAS, 2) DALI DAS,

W/O-LATE DINOY KRISHNA DAS , 3) SUMANTA DAS,

S/O-LATE BINOY KRISHNA DAS, AT MOUZA-

ICHLABAD, J.L. NO.- 75, L.R. PLOT NO.- 2389, L.R.

KHATIAN NO.- 12298, 12299, 12301, C.S. PLOT NO.- 855

(P),REGARDING L.O.P NO.- 225, WARD NO.- 11,

MAHALLA - ICHLABAZAR, HOLDING NO.- 426, UNDER

BURDWAN MUNICIPALITY, P.S. BARDHAMAN, DIST.

PURBA BARDHAMAN.

TITLE :-

STRUCTURAL DETAILS OF FOUNDATIONS,
FLOOR BEAMS,FLOOR SLAB,
FOOTINGS,COLUMN,STAIR ETC.

SCALE

1:100,25