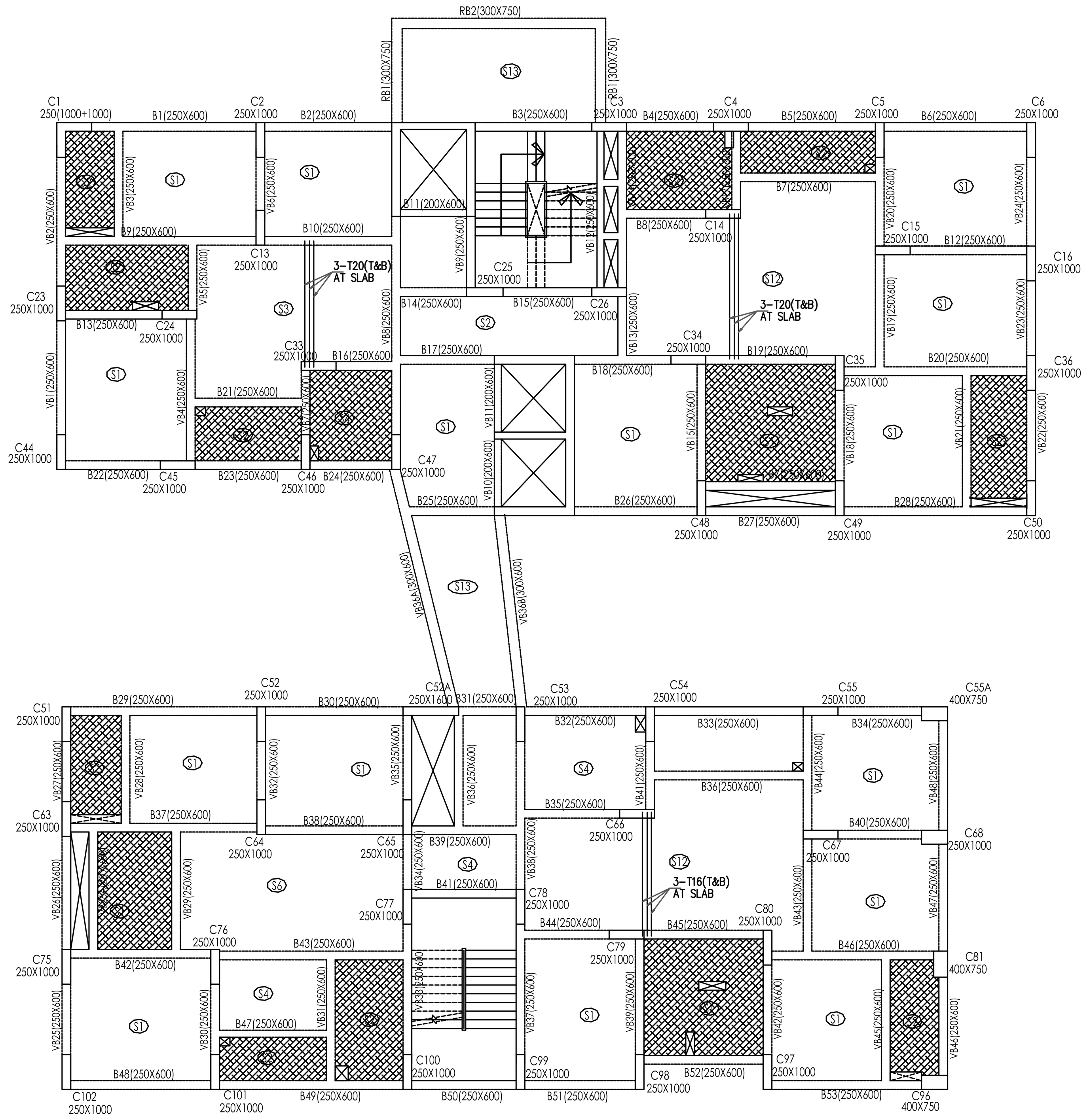
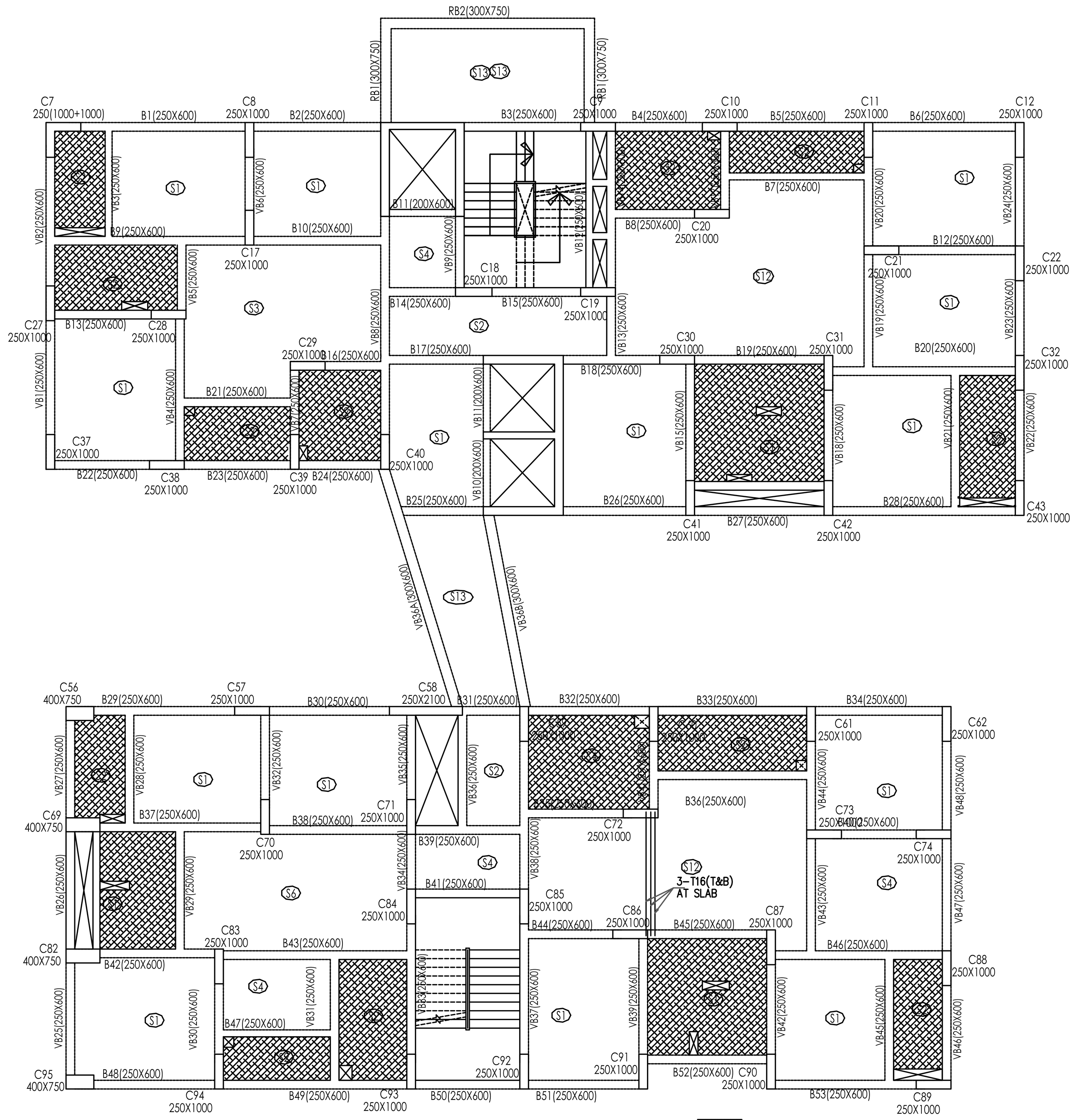


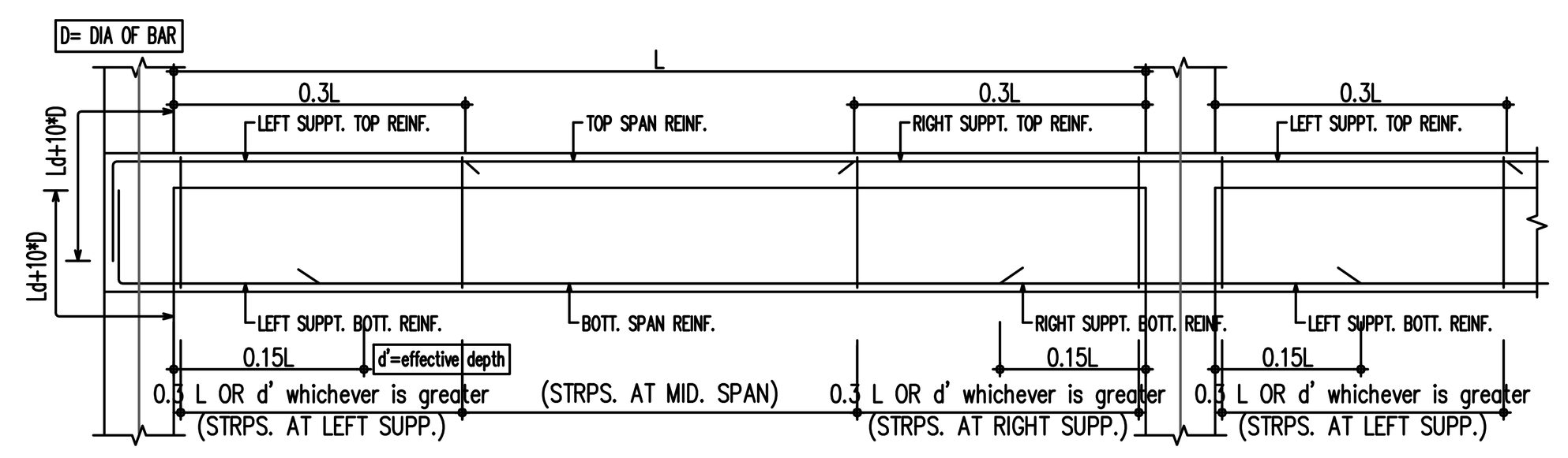
2ND TO 9YH FLOOR SLAB BEAM LAYOUT PLAN

100 MM SUNK SLAB

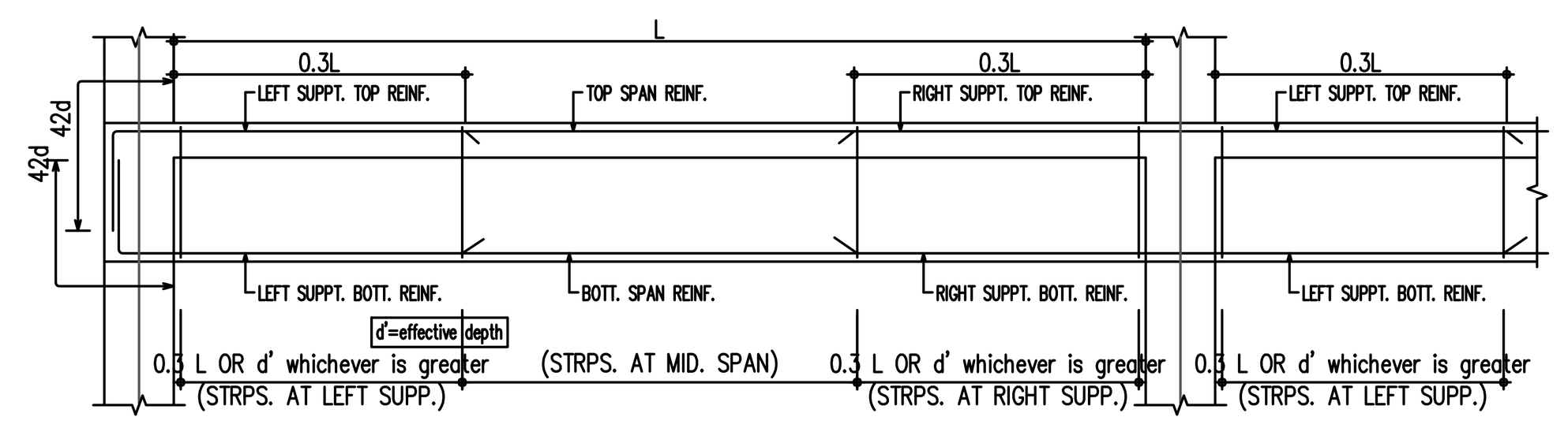


2ND TO 9YH FLOOR SLAB BEAM LAYOUT PLAN

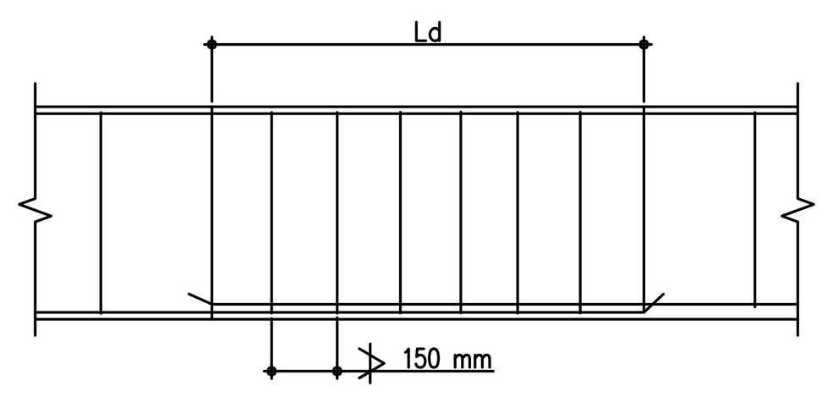
100 MM SUNK SLAB



TYPICAL REINFORCEMENT CURTAILMENT
DETAILS OF BEAM (CASE - 1)

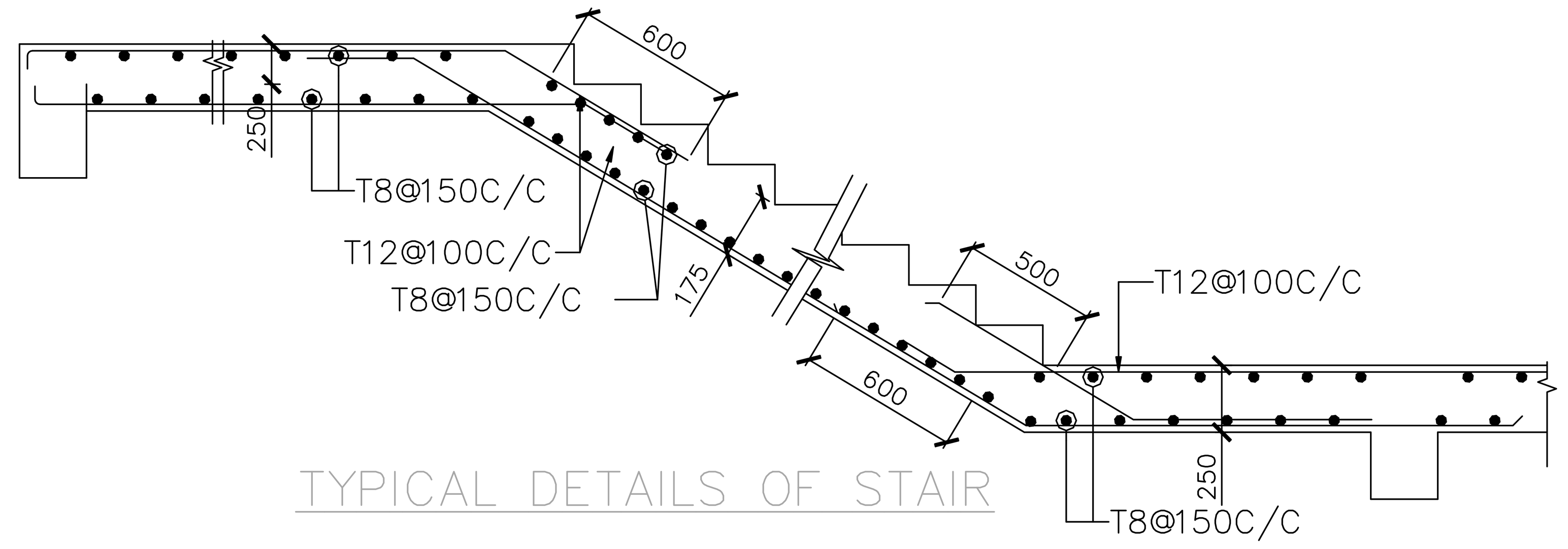


TYPICAL REINFORCEMENT CURTAILMENT
DETAILS OF BEAM (CASE - 2)



LAP , SPLICE IN BEAM

Ld = development length in tension



TYPICAL DETAILS OF STAIR

TYPICAL FLOOR SLAB SCHEDULE
GRADE OF CONCRETE – M30

SLAB MKD.	THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
		AT SHORTER DIRECTION	AT LONGER DIRECTION	AT SHORTER DIRECTION	AT LONGER DIRECTION
S1	150	T8 @ 300 C/C (Bott. Cut) T8 @ 300 C/C (Bott. St.)	T8 @ 300 C/C (Bott. Cut) T8 @ 300 C/C (Bott. St.)	T8 @ 150 C/C (Ext. Top)	T8 @ 150 C/C (Ext. Top)
S2	125	T8 @ 300 C/C (Bott. Cut) T8 @ 300 C/C (Bott. St.)	T8 @ 400 C/C (Bott. Cut) T8 @ 400 C/C (Bott. St.)	T8 @ 175 C/C (Ext. Top)	T8 @ 175 C/C (Ext. Top)
S3	175	T10 @ 300 C/C (Bott. St) T10 @ 300 C/C (Bott. Cut)	T10 @ 300 C/C (Bott. St.) T10 @ 300 C/C (Bott. Cut)	T10 @ 100 C/C (Ext. Top)	T10 @ 100 C/C (Ext. Top)
S4	125	T8 @ 400 C/C (Bott. Cut) T8 @ 400 C/C (Bott. St.)	T8 @ 400 C/C (Bott. Cut) T8 @ 400 C/C (Bott. St.)	T8 @ 175 C/C (Ext. Top)	T8 @ 175 C/C (Ext. Top)
S6	175	T10 @ 150 C/C (Bott. St.)	T10 @ 400 C/C (Bott. St.) T10 @ 400 C/C (Bott. Cut)	T10 @ 150 C/C (Top. St.)	T8 @ 175 C/C (Top. St.)
S12	225	T12 @ 300 C/C (Bott. St) T12 @ 300 C/C (Bott. Cut)	T12 @ 300 C/C (Bott. St.) T12 @ 300 C/C (Bott. Cut)	T10 @ 100 C/C (Ext. Top)	T10 @ 100 C/C (Ext. Top)
S13	150	T10 @ 150 C/C (Bott. St.)	T10 @ 400 C/C (Bott. St.) T10 @ 400 C/C (Bott. Cut)	T10 @ 150 C/C (Top. St.)	T8 @ 175 C/C (Top. St.)

FLOOR BEAM SCHEDULE (CONC.GR.M30)

BEAM NUMBERS	SIZE		TOP REINFORCEMENT			BOTTOM REINFORCEMENT			SHEAR STIRRUPS
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	
B-1	250	600	3-T25+ 2-T20	2-T25	2-T25	2-T25	2-T25	2-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-2	250	600	2-T25	3-T25	3-T25+ 3-T25	2-T25	2-T25	3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-3	250	600	3-T25+ 3-T25	3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25	3-T25+ 3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-4	250	600	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-5	250	600	3-T25+ 2-T25	2-T25	2-T25	2-T25+ 2-T20	2-T25	2-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-6	250	600	2-T25	2-T25	2-T25	2-T25	2-T25	2-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-7	250	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-8	250	600	2-T25	2-T25	3-T25+ 2-T25	3-T20	3-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-9	250	600	2-T20	2-T20	3-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-10	250	600	3-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-11	200	600	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-12	250	600	3-T20+ 3-T20	3-T20	3-T20	3-T20+ 3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-13	250	600	3-T20	3-T20	3-T20+ 3-T20	3-T20	3-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-14	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-15	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-16	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-17	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T20+ 3-T20	3-T20+ 3-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-18	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-19	250	600	3-T25+ 3-T25	3-T25	3-T25	3-T25+ 3-T20	3-T25	3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-20	250	600	3-T20+ 2-T16	2-T20	3-T20+ 2-T20	2-T20+ 1-T16	2-T20+ 1-T16	2-T20+ 1-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-21	250	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-22	250	600	2-T25	2-T25	3-T25+ 3-T20	3-T25	3-T25	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-23	250	600	3-T25+ 3-T20	3-T25	3-T25	3-T25+ 3-T20	3-T25	3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-24	250	600	3-T25	2-T25	2-T25	3-T25	2-T25	2-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-25	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-26	250	600	3-T25+ 3-T20	3-T25	2-T25	3-T20+ 2-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-27	250	600	2-T25	2-T25	2-T25	3-T20	2-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-28	250	600	2-T25	2-T25	2-T25	3-T20	2-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)

FLOOR BEAM SCHEDULE (CONC.GR.M30)

BEAM NUMBERS	SIZE		TOP REINFORCEMENT			BOTTOM REINFORCEMENT			SHEAR STIRRUPS
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	
VB-1	250	600	3-T25+ 2-T20	2-T25	3-T25+ 2-T20	3-T20+ 2-T16	2-T20	3-T20+ 2-T20	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-2	250	600	3-T25+ 2-T20	2-T25	3-T25+ 3-T20	3-T20+ 2-T20	2-T20	3-T20+ 2-T16	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-3	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-4	250	600	2-T16	2-T16	4-T16	2-T16	2-T16	2-T16	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-5	250	600	4-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-6	250	600	3-T20	3-T20	3-T20	3-T20	3-T20	3-T20	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-7	250	600	3-T20+ 2-T20	3-T20+ 2-T20	3-T20+ 2-T20	3-T20+ 2-T20	3-T20+ 2-T20	3-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-8	250	600	3-T25	2-T25	3-T25+ 2-T20	2-T25+ 1-T20	2-T25+ 1-T20	2-T25+ 1-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-9	250	600	3-T25	3-T25	3-T25	3-T25	3-T25	3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-10	200	600	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-11	200	600	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-12	250	600	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-13	250	600	2-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-14	250	600	2-T20+ 2-T20	2-T20	2-T20	3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-15	250	600	2-T20+ 2-T16	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-17	250	600	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-18	250	600	3-T20+ 2-T16	3-T20+ 2-T16	3-T20+ 2-T16	3-T20+ 2-T16	3-T20+ 2-T16	3-T20+ 2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-19	250	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-20	250	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-21	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-22	250	600	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-23	250	600	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-24	250	600	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
RB-1	300	600	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	3-T20+ 3-T20	3-T20+ 3-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
RB-2	300	600	3-T16	3-T16	3-T16	3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-36A	300	600	3-T25+ 3-T20	2-T25	3-T25+ 3-T20	4-T20	4-T20	4-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-36B	300	600	3-T25	2-T25	3-T25	4-T20	4-T20	4-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)

FLOOR BEAM SCHEDULE (CONC.GR.M30)

BEAM NUMBERS	SIZE		TOP REINFORCEMENT			BOTTOM REINFORCEMENT			SHEAR STIRRUPS
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	
B-29	250	600	2-T20	2-T20	3-T20+ 2-T16	2-T20	3-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-30	250	600	3-T20+ 2-T16	3-T20+ 2-T16	3-T20+ 3-T16	2-T20	2-T20+ 2-T20	3-T20+ 3-T20	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-31	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-32	250	600	3-T25+ 3-T25	2-T25	3-T25	3-T25+ 3-T25	2-T25	2-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-33	250	600	3-T25	3-T25	3-T25+ 2-T25	2-T25	3-T25	3-T25+ 2-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-34	250	600	3-T25+ 2-T25	2-T25	3-T25	3-T25+ 2-T25	3-T25	3-T25	2L-T8 @150 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
B-35	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-36	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-37	250	600	3-T20	2-T20	3-T20	3-T20	3-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-38	250	600	3-T20	2-T20	3-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-39	250	600	3-T20	3-T20	3-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-40	250	600	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	3-T25+ 2-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-41	250	600	4-T16	2-T16	4-T16	3-T16	3-T16	3-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-42	250	600	3-T20	2-T20	3-T20	2-T20	2-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-43	250	600	3-T20	2-T20	2-T20	2-T20	3-T20	2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-44	250	600	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T25	3-T25+ 3-T20	3-T25+ 3-T20	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-45	250	600	3-T25+ 3-T25	3-T25	3-T25	3-T25+ 3-T20	3-T25	3-T25	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-46	250	600	3-T25+ 2-T20	2-T25	3-T25+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-47	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-48	250	600	3-T20	2-T20	3-T20	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-49	250	600	3-T20	2-T20	3-T20	2-T16	3-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-50	250	600	3-T20	2-T20	3-T20	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-51	250	600	3-T20	2-T20	3-T20	2-T16	3-T16	3-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-52	250	600	3-T20+ 2-T20	2-T20	3-T20+ 2-T20	3-T20+ 2-T20	2-T20	3-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
B-53	250	600	2-T20+ 2-T20	2-T20	3-T20+ 3-T20	2-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)

FLOOR BEAM SCHEDULE (CONC.GR.M30)

BEAM NUMBERS	SIZE		TOP REINFORCEMENT			BOTTOM REINFORCEMENT			SHEAR STIRRUPS
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	
VB-25	250	600	3-T20+ 2-T20	2-T20	3-T20	3-T20	2-T20	3-T20+ 2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-26	250	600	3-T25+ 3-T20	2-T25	3-T25+ 3-T20	3-T25+ 2-T20	2-T25	3-T25+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @200 C/C (SPAN)
VB-27	250	600	2-T20+ 2-T16	2-T20+ 2-T16	2-T20+ 2-T16	3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-26A	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-28	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-29	250	600	2-T16	2-T16	2-T16	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-30	250	600	2-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T16	2-T20+ 2-T16	2-T20+ 2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-31	250	600	2-T16	2-T16	2-T16	2-T16	3-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-32	250	600	3-T20	3-T20	3-T20	3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-33	250	600	3-T25+ 3-T20	2-T25	3-T25+ 3-T20	3-T20+ 3-T20	3-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-34	250	600	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-35	250	600	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	3-T25+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-36	250	600	2-T16	2-T16	2-T16	2-T16	3-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-37	250	600	3-T25+ 2-T20	2-T25	3-T25+ 2-T20	3-T20+ 2-T20	3-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-38	250	600	3-T25+ 2-T20	2-T25	3-T25+ 2-T20	3-T20+ 3-T20	3-T20	3-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-39	250	600	3-T20+ 2-T20	3-T20	3-T20	3-T20	3-T20	3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-41	250	600	3-T20	3-T20	3-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-42	250	600	3-T20+ 3-T20	2-T20	2-T20+ 2-T20	2-T20+ 2-T20	2-T20	3-T20+ 3-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-43	250	600	2-T20	2-T20	3-T20	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-44	250	600	3-T20	2-T20	2-T20	2-T16	2-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-45	250	600	2-T16	2-T16	2-T16	2-T16	3-T16	2-T16	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-46	250	600	3-T20+ 3-T16	2-T20	3-T20+ 2-T16	3-T20	2-T20	2-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-47	250	600	3-T20+ 2-T16	2-T20	3-T20+ 2-T16	2-T20+ 2-T20	2-T20	2-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)
VB-48	250	600	3-T20+ 2-T16	2-T20	3-T20+ 2-T16	2-T20+ 2-T20	2-T20	2-T20+ 2-T20	2L-T8 @100 C/C (SUPPT)0.3L 2L-T8 @150 C/C (SPAN)

NOTES:-
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAW... ELY BROUGHT TO THE NOTICE OF THE ... ING THE WORK
3. SUPER STRUCTURE : SUPER STRU... ASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE REA... ANT ARCHITECTURAL DRAWINGS.
5. GRADE OF CONCRETE MENTION...
6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
7. FOR STEEL GRADE Fe 550.
8. ALL DISTRIBUTION BARS ARE 8T @ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
9. ALL CHAIRS ARE 10T AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 25T @ 900 C/C AND TO BE PROVIDED WHWREVER REQUIRED.
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. PILE & PILE CAP	50	50	50
b. COLUMN			40
c. FLOOR BEAM.	30	30	30
d. TIE BEAM.	50	50	50
e. FLOOR SLAB.	25	25	25

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE "NATIONAL BUILDING CODE" OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.
MOREOVER I/WE SHALL BE HELD RESPONSIBLE FOR ANY STRUCTURE DAMAGE/FAILURE HAPPENED DURING CONSTRUCTION PERIOD AND THERE AFTER BEYOND DATE OF TAKING OCCUPANCY CERTIFICATE.

SIGNATURE OF STRUCTURAL ENGINEER
SANJIV J. PAREKH
M.E.(STRUCT).B.C.E.,PGCGM,C.(ENGG.)-I
MSCE, ASCE, AM-053212
E.S.E. NO.-104(I) K.M.C.

LAND SCHEDULE:-

MOUZA	- DABGRAM
J.L NO.	- 02
SHEET NO.	- 41 (L.R.), 08 (R.S.)
PLOT NO.	- 498(R.S.), 91(L.R.)
KHATIAN NO.	- 98/1(R.S.), 255(L.R.)
PARAGANA	- BAIKUNTHAPUR
HOLDING NO.	- VL/100/F/11
WARD NO.	- 41(S.M.C.)
P.S.	- BHAKTINAGAR
DIST.	- JALPAIGURI

PROJECT :
BASEMENT + GROUND + X̄ STORIED RESIDENTIAL CUM COMMERCIAL BUILDING.

NAME OF OWNER : SRI. ALOK KUMAR CHETTRI S/O. LATE TULA BAHADUR CHETTRI

LOCATION : TIRANGA MORE, BANKIM NAGAR, SILIGURI.

TITLE :
SLAB BEAM LAYOUT, DETAIL AND SCHEDULE FOR 2ND TO ROOF LEVEL

ARCHITECTS :
GREEN ARCHITECTURE CONSULTING ENGINEERS PVT. LTD.
GACE
1ST FLOOR, B.R. AMBEDKAR COMPLEX, HILL CART ROAD, SILIGURI - 734003

STRUCTURAL ENGINEERS
S.P.A.CONSULTANTS
34, RAMMOHAN DUTTA ROAD
KOLKATA - 700020 .
PH. N02 2485-5448/5449,2475-7614
E-mail spacons1@gmail.com

Dealt By-	CHECKED BY	DATE-		SCALE :	
KEKA	S.P	11.03.2025		1:100,25	
JOB NO.	2025	43	GACE	S.P.A	ISKN-RD
DRG. NO.	2025/43/GACE/SPA/ISKN-RD/SUBMISSION/S-03