

Member Pattern of Standard Floor

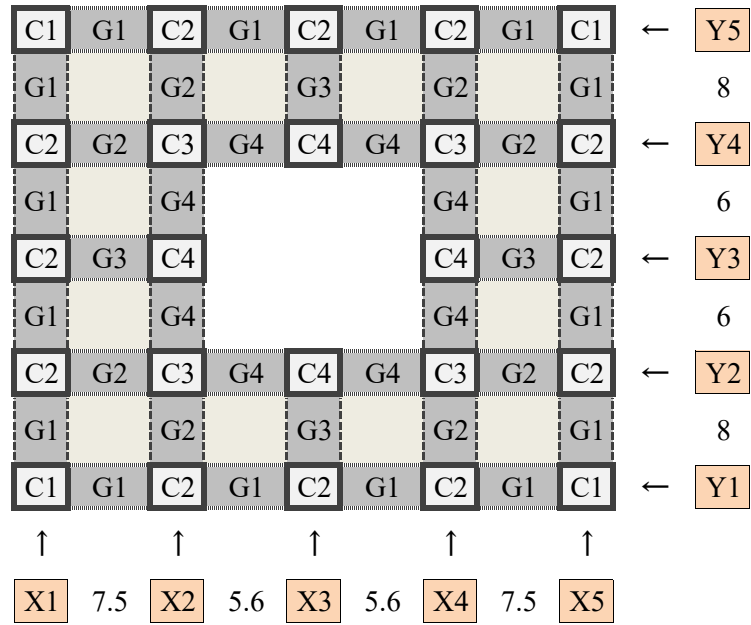


Table STERA3D Beam Members

No	floor	No.	Section		Slab	d1	d2	Main Rebar						Shear reinforcement				Slab reinforcement			Fc
			B	D	S			upper			botms			n	pich	d	SD	pich	d	sd	
								n	d	SD	n	d	SD								
			(mm)	(mm)	(mm)			No.	(mm)	(kN/mm ²)	No.	(mm)	(kN/mm ²)	No.	(mm)	(mm)	(kN/mm ²)	(mm)	(mm)	(kN/mm ²)	
b1	2~14	G1	750	800	150	140	90	7	41	490	7	41	490	4	100	13	295	100	6	395	42
b2	2~14	G2	750	800	150	140	90	6	41	490	6	41	490	4	100	13	295	100	6	395	42
b3	2~14	G3	750	800	150	140	90	4	41	490	4	41	490	4	100	13	295	100	6	395	42
b4	2~14	G4	900	800	150	140	90	10	41	490	10	41	490	4	100	13	295	100	6	395	42
b5	15~22	G1	750	800	150	140	90	5	41	490	5	41	490	4	100	13	295	100	6	395	42
b6	15~22	G2	750	800	150	140	90	6	41	490	6	41	490	4	100	13	295	100	6	395	42
b7	15~22	G3	750	800	150	140	90	4	41	490	4	41	490	4	100	13	295	100	6	395	42
b8	15~22	G4	900	800	150	140	90	10	41	490	10	41	490	4	100	13	295	100	6	395	42
b9	23~31	G1	750	800	150	140	90	5	38	490	5	38	490	4	100	13	295	100	6	395	36
b10	23~31	G2	600	800	150	140	90	6	38	490	6	38	490	4	100	13	295	100	6	395	36
b11	23~31	G3	600	800	150	140	90	4	38	490	4	38	490	4	100	13	295	100	6	395	36
b12	23~31	G4	900	800	150	140	90	9	38	490	9	38	490	4	100	13	295	100	6	395	36
b13	32~35	G1	600	800	150	140	90	4	38	345	4	38	345	4	100	13	295	100	6	395	36
b14	32~35	G2	600	800	150	140	90	6	38	345	6	38	345	4	100	13	295	100	6	395	36
b15	32~35	G3	600	800	150	140	90	4	38	345	4	38	345	4	100	13	295	100	6	395	36
b16	32~35	G4	900	800	150	140	90	9	38	345	9	38	345	4	100	13	295	100	6	395	36
b17	36~R	G1	600	800	150	140	90	4	35	345	4	35	345	4	100	13	295	100	6	395	36
b18	36~R	G2	600	800	150	140	90	6	35	345	6	35	345	4	100	13	295	100	6	395	36
b19	36~R	G3	600	800	150	140	90	4	35	345	4	35	345	4	100	13	295	100	6	395	36
b20	36~R	G4	900	800	150	140	90	9	35	345	9	35	345	4	100	13	295	100	6	395	36

Table STERA3D Column Members

No	floor	No.	Section		Main Rebar			Shear reinforcement				F _c
			b	h	d	n	SD	n	d	SD	pich	
			(mm)	(mm)	(mm)	No.	(kN/mm ²)	No.	(mm)	(kN/mm ²)	(mm)	
c1	1~4	C1	1100	1100	41	26	685	4	13	295	100	60
c2	1~4	C2	1100	1100	41	26	685	4	13	295	100	60
c3	1~4	C3	1100	1100	41	24	685	4	13	295	100	60
c4	1~4	C4	1100	1100	41	24	685	4	13	295	100	60
c5	5~13	C1	1100	1100	41	26	685	2	13	295	100	60
c6	5~13	C2	1100	1100	41	26	685	2	13	295	100	60
c7	5~13	C3	1100	1100	41	24	685	2	13	295	100	60
c8	5~13	C4	1100	1100	41	20	685	2	13	295	100	60
c9	14~21	C1	1100	1100	41	24	490	2	13	295	100	54
c10	14~21	C2	1100	1100	41	24	490	2	13	295	100	54
c11	14~21	C3	1100	1100	41	24	490	2	13	295	100	54
c12	14~21	C4	1100	1100	41	20	490	2	13	295	100	54
c13	22~30	C1	1100	1100	38	20	490	2	13	295	100	48
c14	22~30	C2	1100	1100	38	20	490	2	13	295	100	48
c15	22~30	C3	1100	1100	38	24	490	2	13	295	100	48
c16	22~30	C4	1100	1100	38	20	490	2	13	295	100	48
c17	31~40	C1	1100	1100	38	16	345	2	13	295	100	42
c18	31~40	C2	1100	1100	38	16	345	2	13	295	100	42
c19	31~40	C3	1100	1100	38	16	345	2	13	295	100	42
c20	31~40	C4	1100	1100	38	16	345	2	13	295	100	42