

COMBINED AXIAL AND LATERAL LOAD TABLES

notes:

1. Lateral and axial load multiplied by 0.75 for strength determination
2. Allowable axial load in kips/stud
3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.27	3.11	5.31	6.92		5.31	6.92		2.69	3.64	6.23	8.07	11.61	6.23	8.07	11.61
	16	2.27	3.11	5.31	6.92		5.31	6.92		2.69	3.64	6.23	8.07	11.61	6.23	8.07	11.61
	24	2.27	3.11	5.31	6.92		5.31	6.92		2.69	3.64	6.23	8.07	11.61	6.23	8.07	11.61
9	12	2.17	2.95	4.91	6.39		4.91	6.39		2.55	3.46	5.76	7.47	10.63	5.76	7.47	10.63
	16	2.17	2.95	4.91	6.39		4.91	6.39		2.55	3.46	5.76	7.47	10.63	5.76	7.47	10.63
	24	2.17	2.95	4.91	6.39		4.91	6.39		2.55	3.46	5.76	7.47	10.63	5.76	7.47	10.63
10	12	2.05	2.79	4.49	5.84		4.49	5.84		2.41	3.27	5.29	6.84	9.63	5.29	6.84	9.63
	16	2.05	2.79	4.49	5.84		4.49	5.84		2.41	3.27	5.29	6.84	9.63	5.29	6.84	9.63
	24	1.91	2.79	4.49	5.84		4.49	5.84		2.34	3.27	5.29	6.84	9.63	5.29	6.84	9.63
12	12	1.76	2.44	3.66	4.74		3.66	4.74		2.12	2.87	4.33	5.58	7.67	4.33	5.58	7.67
	16	1.61 ⁷	2.36	3.51	4.68		3.66	4.74		1.97	2.86	4.26	5.58	7.67	4.33	5.58	7.67
	24	1.35 ⁶	2.06 ⁶	3.12 ⁷	4.23		3.50 ⁷	4.69		1.69 ⁶	2.54 ⁷	3.83	5.15	7.36	4.24	5.58	7.67
14	12	1.30 ⁶	1.91 ⁷	2.67	3.50		2.87	3.61		1.60 ⁷	2.32	3.25	4.24	5.85	3.41	4.30	5.85
	16	1.15 ⁶	1.74 ⁶	2.46 ⁷	3.26		2.74 ⁷	3.59		1.43 ⁶	2.13 ⁷	3.02	3.99	5.65	3.32	4.30	5.85
	24	0.90 ³	1.44 ³	2.11 ⁶	2.87 ⁶		2.45 ⁶	3.27 ⁶		1.15 ³	1.81 ⁶	2.63 ⁶	3.55 ⁷	5.10	3.00 ⁶	3.99 ⁷	5.82
16	12	0.94 ⁶	1.41 ⁶	1.92 ⁶	2.51 ⁷		2.13 ⁶	2.76 ⁷		1.17 ⁶	1.73 ⁶	2.35 ⁷	3.07	4.34	2.58 ⁷	3.29	4.48
	16	0.80 ³	1.25 ³	1.74 ⁶	2.30 ⁶		1.98 ⁶	2.59 ⁶		1.01 ³	1.56 ⁶	2.15 ⁶	2.84 ⁷	4.06	2.42 ⁶	3.16 ⁷	4.48
	24	0.56 ²	0.97 ²	1.42 ³	1.96 ³		1.72 ³	2.31 ³		0.75 ²	1.26 ³	1.81 ³	2.46 ⁶	3.58 ⁶	2.13 ³	2.85 ⁶	4.21 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.75	3.90	6.60	8.96	13.34	6.60	8.96	13.34	4.53	7.36	10.26	16.14	7.36	10.26	16.14	
	16	2.75	3.90	6.60	8.96	13.34	6.60	8.96	13.34	4.53	7.36	10.26	16.14	7.36	10.26	16.14	
	24	2.75	3.90	6.60	8.96	13.34	6.60	8.96	13.34	4.53	7.36	10.26	16.14	7.36	10.26	16.14	
9	12	2.66	3.81	6.28	8.49	12.27	6.28	8.49	12.27	4.38	6.99	9.80	14.89	6.99	9.80	14.89	
	16	2.66	3.81	6.28	8.49	12.27	6.28	8.49	12.27	4.38	6.99	9.80	14.89	6.99	9.80	14.89	
	24	2.66	3.81	6.28	8.49	12.27	6.28	8.49	12.27	4.38	6.99	9.80	14.89	6.99	9.80	14.89	
10	12	2.55	3.65	5.86	7.91	11.18	5.86	7.91	11.18	4.22	6.44	9.18	13.62	6.44	9.18	13.62	
	16	2.55	3.65	5.86	7.91	11.18	5.86	7.91	11.18	4.22	6.44	9.18	13.62	6.44	9.18	13.62	
	24	2.55	3.65	5.86	7.91	11.18	5.86	7.91	11.18	4.22	6.44	9.18	13.62	6.44	9.18	13.62	
12	12	2.33	3.32	5.06	6.50	9.00	5.06	6.50	9.00	3.86	5.93	7.95	11.07	5.93	7.95	11.07	
	16	2.23	3.32	5.06	6.50	9.00	5.06	6.50	9.00	3.86	5.93	7.95	11.07	5.93	7.95	11.07	
	24	1.93 ⁶	2.95	4.60	6.20	8.91	4.93	6.50	8.91	3.66	5.62	7.79	11.07	5.93	7.95	11.07	
14	12	1.89	2.71	3.89	5.09	6.96	4.02	5.09	6.96	3.43	4.86	6.30	8.67	4.97	6.30	8.67	
	16	1.70 ⁶	2.49 ⁷	3.63	4.83	6.87	3.88	5.09	6.87	3.19	4.56	6.09	8.67	4.89	6.30	8.67	
	24	1.39 ⁶	2.12 ⁶	3.21 ⁶	4.35 ⁷	6.28	3.51 ⁶	4.78 ⁷	6.28	2.78 ⁶	4.07 ⁷	5.55	8.09	4.47 ⁷	5.91	8.67	
16	12	1.40 ⁶	2.03 ⁷	2.83	3.71	5.28	3.02	3.90	5.28	2.60	3.55	4.68	6.64	3.80	4.84	6.64	
	16	1.22 ⁶	1.83 ⁶	2.60 ⁶	3.46 ⁷	4.97	2.82 ⁶	3.77 ⁷	4.97	2.37 ⁶	3.29 ⁷	4.40	6.38	3.58 ⁷	4.66	6.64	
	24	0.92 ³	1.48 ³	2.22 ⁶	3.05 ⁶	4.45 ⁷	2.49 ⁶	3.42 ⁶	4.45 ⁷	1.99 ⁶	2.85 ⁶	3.93 ⁶	5.81	3.20 ⁶	4.25 ⁶	6.49	

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
	16		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
	24		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
9	12		5.04	8.03	10.61	16.93	8.03	10.61	16.93		
	16		5.04	8.03	10.61	16.93	8.03	10.61	16.93		
	24		5.04	8.03	10.61	16.93	8.03	10.61	16.93		
10	12		4.84	7.60	9.94	15.95	7.60	9.94	15.95		
	16		4.84	7.60	9.94	15.95	7.60	9.94	15.95		
	24		4.84	7.60	9.94	15.95	7.60	9.94	15.95		
12	12		4.42	6.68	9.04	13.11	6.68	9.04	13.11		
	16		4.42	6.68	9.04	13.11	6.68	9.04	13.11		
	24		4.35	6.60	9.04	13.11	6.68	9.04	13.11		
14	12		3.96	5.70	7.48	10.34	5.70	7.48	10.34		
	16		3.76	5.42	7.27	10.34	5.70	7.48	10.34		
	24		3.33 ⁷	4.89	6.66	9.88	5.31	7.17	9.88		
16	12		3.15	4.30	5.60	7.94	4.56	5.76	7.94		
	16		2.89 ⁷	4.01	5.28	7.78	4.31	5.65	7.78		
	24		2.47 ⁶	3.53 ⁶	4.75 ⁷	7.15	3.90 ⁶	5.20 ⁷	7.15		

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- 6 Deflection exceeds L/600
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5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.38	3.30	5.75	7.55		5.75	7.55		2.82	3.85	6.71	8.76	13.07	6.71	8.76	13.07
	16	2.38	3.30	5.75	7.55		5.75	7.55		2.82	3.85	6.71	8.76	13.07	6.71	8.76	13.07
	24	2.38	3.30	5.75	7.55		5.75	7.55		2.82	3.85	6.71	8.76	13.07	6.71	8.76	13.07
9	12	2.31	3.17	5.39	7.07		5.39	7.07		2.71	3.69	6.29	8.22	12.14	6.29	8.22	12.14
	16	2.31	3.17	5.39	7.07		5.39	7.07		2.71	3.69	6.29	8.22	12.14	6.29	8.22	12.14
	24	2.31	3.17	5.39	7.07		5.39	7.07		2.71	3.69	6.29	8.22	12.14	6.29	8.22	12.14
10	12	2.20	3.02	5.01	6.57		5.01	6.57		2.58	3.52	5.86	7.65	11.19	5.86	7.65	11.19
	16	2.20	3.02	5.01	6.57		5.01	6.57		2.58	3.52	5.86	7.65	11.19	5.86	7.65	11.19
	24	2.20	3.02	5.01	6.57		5.01	6.57		2.58	3.52	5.86	7.65	11.19	5.86	7.65	11.19
12	12	1.97	2.70	4.23	5.54		4.23	5.54		2.32	3.16	4.97	6.47	9.26	4.97	6.47	9.26
	16	1.91	2.70	4.23	5.54		4.23	5.54		2.31	3.16	4.97	6.47	9.26	4.97	6.47	9.26
	24	1.64 ⁶	2.48 ⁷	3.89	5.28		4.23	5.54		2.03 ⁷	3.02	4.72	6.37	9.26	4.97	6.47	9.26
14	12	1.59 ⁷	2.33	3.39	4.52		3.47	4.52		1.94	2.78	4.09	5.31	7.40	4.09	5.31	7.40
	16	1.43 ⁶	2.14 ⁷	3.15	4.24		3.46	4.52		1.77 ⁶	2.61	3.83	5.12	7.40	4.09	5.31	7.40
	24	1.16 ³	1.82 ⁶	2.75 ⁶	3.78 ⁷		3.13 ⁶	4.25 ⁷		1.46 ⁶	2.26 ⁶	3.39 ⁷	4.61	6.82	3.81 ⁷	5.13	7.40
16	12	1.20 ⁶	1.78 ⁶	2.48	3.31		2.73	3.54		1.48 ⁶	2.17 ⁷	3.02	4.01	5.73	3.27	4.20	5.73
	16	1.04 ³	1.60 ⁶	2.27 ⁶	3.06 ⁷		2.55 ⁶	3.41 ⁷		1.30 ⁶	1.98 ⁶	2.78 ⁷	3.74	5.43	3.09 ⁷	4.11	5.73
	24	0.77 ²	1.29 ³	1.90 ⁶	2.65 ⁶		2.25 ⁶	3.07 ⁶		1.01 ³	1.64 ³	2.39 ⁶	3.29 ⁶	4.88 ⁷	2.77 ⁶	3.75 ⁶	5.52 ⁷

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5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.86	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
	16	2.86	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
	24	2.86	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
9	12	2.78	3.98	6.72	9.14	13.88	6.72	9.14	13.88	4.59	7.46	10.47	16.66	7.46	10.47	16.66	
	16	2.78	3.98	6.72	9.14	13.88	6.72	9.14	13.88	4.59	7.46	10.47	16.66	7.46	10.47	16.66	
	24	2.78	3.98	6.72	9.14	13.88	6.72	9.14	13.88	4.59	7.46	10.47	16.66	7.46	10.47	16.66	
10	12	2.69	3.88	6.38	8.70	12.84	6.38	8.70	12.84	4.45	7.11	10.00	15.47	7.11	10.00	15.47	
	16	2.69	3.88	6.38	8.70	12.84	6.38	8.70	12.84	4.45	7.11	10.00	15.47	7.11	10.00	15.47	
	24	2.69	3.88	6.38	8.70	12.84	6.38	8.70	12.84	4.45	7.11	10.00	15.47	7.11	10.00	15.47	
12	12	2.50	3.58	5.63	7.48	10.72	5.63	7.48	10.72	4.14	6.36	8.86	13.02	6.36	8.86	13.02	
	16	2.50	3.58	5.63	7.48	10.72	5.63	7.48	10.72	4.14	6.36	8.86	13.02	6.36	8.86	13.02	
	24	2.26 ⁷	3.45	5.52	7.48	10.72	5.63	7.48	10.72	4.14	6.36	8.86	13.02	6.36	8.86	13.02	
14	12	2.22	3.22	4.78	6.18	8.66	4.78	6.18	8.66	3.79	5.73	7.55	10.63	5.73	7.55	10.63	
	16	2.03 ⁷	3.02	4.56	6.11	8.66	4.78	6.18	8.66	3.74	5.60	7.55	10.63	5.73	7.55	10.63	
	24	1.70 ⁶	2.63 ⁶	4.07	5.56	8.23	4.42	6.05	8.23	3.32 ⁷	5.06	7.00	10.42	5.50	7.42	10.63	
16	12	1.75 ⁷	2.53	3.61	4.81	6.77	3.83	4.94	6.77	3.21	4.50	6.01	8.39	4.74	6.08	8.39	
	16	1.55 ⁶	2.30 ⁶	3.34	4.51	6.56	3.60	4.87	6.56	2.96 ⁷	4.20	5.68	8.31	4.54	5.99	8.39	
	24	1.22 ³	1.92 ⁶	2.91 ⁶	4.02 ⁶	5.96	3.22 ⁶	4.46 ⁶	5.96	2.53 ⁶	3.70 ⁶	5.13 ⁷	7.66	4.11 ⁶	5.51 ⁷	8.35	

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		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.43	8.87	11.84	19.50	8.87	11.84	19.50					
	16		5.43	8.87	11.84	19.50	8.87	11.84	19.50					
	24		5.43	8.87	11.84	19.50	8.87	11.84	19.50					
9	12		5.28	8.52	11.35	18.54	8.52	11.35	18.54					
	16		5.28	8.52	11.35	18.54	8.52	11.35	18.54					
	24		5.28	8.52	11.35	18.54	8.52	11.35	18.54					
10	12		5.11	8.15	10.53	17.55	8.15	10.53	17.55					
	16		5.11	8.15	10.53	17.55	8.15	10.53	17.55					
	24		5.11	8.15	10.53	17.55	8.15	10.53	17.55					
12	12		4.74	7.34	9.84	15.30	7.34	9.84	15.30					
	16		4.74	7.34	9.84	15.30	7.34	9.84	15.30					
	24		4.74	7.34	9.84	15.30	7.34	9.84	15.30					
14	12		4.33	6.46	8.77	12.56	6.46	8.77	12.56					
	16		4.33	6.46	8.77	12.56	6.46	8.77	12.56					
	24		3.97	5.98	8.28	12.56	6.43	8.77	12.56					
16	12		3.80	5.44	7.16	9.99	5.63	7.21	9.99					
	16		3.52	5.10	6.78	9.99	5.46	7.21	9.99					
	24		3.06 ⁶	4.54 ⁷	6.16	9.34	4.98 ⁷	6.68	9.34					

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4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	16	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	24	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
9	12	2.60	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	16	2.60	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	24	2.60	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
10	12	2.55	3.62	6.39	8.57		6.39	8.57		3.00	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	16	2.55	3.62	6.39	8.57		6.39	8.57		3.00	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	24	2.55	3.62	6.39	8.57		6.39	8.57		3.00	4.17	7.39	9.82	15.26	7.39	9.82	15.26
12	12	2.44	3.41	5.83	7.82		5.83	7.82		2.85	3.93	6.75	8.98	13.93	6.75	8.98	13.93
	16	2.44	3.41	5.83	7.82		5.83	7.82		2.85	3.93	6.75	8.98	13.93	6.75	8.98	13.93
	24	2.44	3.41	5.83	7.82		5.83	7.82		2.85	3.93	6.75	8.98	13.93	6.75	8.98	13.93
14	12	2.27	3.17	5.23	7.02		5.23	7.02		2.65	3.67	6.08	8.09	12.52	6.08	8.09	12.52
	16	2.27	3.17	5.23	7.02		5.23	7.02		2.65	3.67	6.08	8.09	12.52	6.08	8.09	12.52
	24	2.12	3.17	5.23	7.02		5.23	7.02		2.57	3.67	6.08	8.09	12.52	6.08	8.09	12.52
16	12	2.09	2.92	4.62	6.20		4.62	6.20		2.45	3.39	5.38	7.16	11.05	5.38	7.16	11.05
	16	1.99	2.92	4.62	6.20		4.62	6.20		2.40	3.39	5.38	7.16	11.05	5.38	7.16	11.05
	24	1.68 ⁶	2.62 ⁷	4.20	5.86		4.62	6.20		2.07 ⁶	3.17 ⁷	5.06	6.99	11.05	5.38	7.16	11.05

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	16	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	24	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
9	12	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	16	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	24	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
10	12	3.05	4.34	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
	16	3.05	4.34	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
	24	3.05	4.34	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
12	12	2.92	4.23	7.18	9.91	15.67	7.18	9.91	15.67		4.84	7.94	11.26	18.49	7.94	11.26	18.49
	16	2.92	4.23	7.18	9.91	15.67	7.18	9.91	15.67		4.84	7.94	11.26	18.49	7.94	11.26	18.49
	24	2.92	4.23	7.18	9.91	15.67	7.18	9.91	15.67		4.84	7.94	11.26	18.49	7.94	11.26	18.49
14	12	2.78	4.04	6.64	9.20	14.13	6.64	9.20	14.13		4.62	7.39	10.48	16.73	7.39	10.48	16.73
	16	2.78	4.04	6.64	9.20	14.13	6.64	9.20	14.13		4.62	7.39	10.48	16.73	7.39	10.48	16.73
	24	2.76	4.04	6.64	9.20	14.13	6.64	9.20	14.13		4.62	7.39	10.48	16.73	7.39	10.48	16.73
16	12	2.63	3.81	6.05	8.18	12.53	6.05	8.18	12.53		4.38	6.80	9.59	14.91	6.80	9.59	14.91
	16	2.63	3.81	6.05	8.18	12.53	6.05	8.18	12.53		4.38	6.80	9.59	14.91	6.80	9.59	14.91
	24	2.29 ⁷	3.58	5.86	8.18	12.53	6.05	8.18	12.53		4.35	6.80	9.59	14.91	6.80	9.59	14.91

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	24		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
	16		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
	24		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
10	12		5.76	9.54	12.91	21.80	9.54	12.91	21.80					
	16		5.76	9.54	12.91	21.80	9.54	12.91	21.80					
	24		5.76	9.54	12.91	21.80	9.54	12.91	21.80					
12	12		5.54	9.02	12.17	20.40	9.02	12.17	20.40					
	16		5.54	9.02	12.17	20.40	9.02	12.17	20.40					
	24		5.54	9.02	12.17	20.40	9.02	12.17	20.40					
14	12		5.28	8.44	11.14	18.97	8.44	11.14	18.97					
	16		5.28	8.44	11.14	18.97	8.44	11.14	18.97					
	24		5.28	8.44	11.14	18.97	8.44	11.14	18.97					
16	12		4.99	7.81	10.59	17.27	7.81	10.59	17.27					
	16		4.99	7.81	10.59	17.27	7.81	10.59	17.27					
	24		4.99	7.81	10.59	17.27	7.81	10.59	17.27					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	16	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	24	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
9	12	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	16	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	24	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
10	12	2.62	3.75	6.70	9.01		6.70	9.01		3.07	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	16	2.62	3.75	6.70	9.01		6.70	9.01		3.07	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	24	2.62	3.75	6.70	9.01		6.70	9.01		3.07	4.31	7.72	10.30	16.14	7.72	10.30	16.14
12	12	2.52	3.56	6.20	8.34		6.20	8.34		2.96	4.10	7.15	9.55	14.95	7.15	9.55	14.95
	16	2.52	3.56	6.20	8.34		6.20	8.34		2.96	4.10	7.15	9.55	14.95	7.15	9.55	14.95
	24	2.52	3.56	6.20	8.34		6.20	8.34		2.96	4.10	7.15	9.55	14.95	7.15	9.55	14.95
14	12	2.40	3.35	5.65	7.61		5.65	7.61		2.79	3.87	6.54	8.74	13.66	6.54	8.74	13.66
	16	2.40	3.35	5.65	7.61		5.65	7.61		2.79	3.87	6.54	8.74	13.66	6.54	8.74	13.66
	24	2.38	3.35	5.65	7.61		5.65	7.61		2.79	3.87	6.54	8.74	13.66	6.54	8.74	13.66
16	12	2.23	3.13	5.08	6.85		5.08	6.85		2.60	3.61	5.90	7.88	12.31	5.90	7.88	12.31
	16	2.23	3.13	5.08	6.85		5.08	6.85		2.60	3.61	5.90	7.88	12.31	5.90	7.88	12.31
	24	1.95 ⁷	3.00	4.94	6.85		5.08	6.85		2.38 ⁷	3.59	5.90	7.88	12.31	5.90	7.88	12.31

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
9	12	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	24	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
10	12	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	16	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	24	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
12	12	3.01	4.34	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
	16	3.01	4.34	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
	24	3.01	4.34	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
14	12	2.89	4.22	7.05	9.75	15.34	7.05	9.75	15.34		4.80	7.79	11.14	18.08	7.79	11.14	18.08
	16	2.89	4.22	7.05	9.75	15.34	7.05	9.75	15.34		4.80	7.79	11.14	18.08	7.79	11.14	18.08
	24	2.89	4.22	7.05	9.75	15.34	7.05	9.75	15.34		4.80	7.79	11.14	18.08	7.79	11.14	18.08
16	12	2.75	4.01	6.50	8.96	13.87	6.50	8.96	13.87		4.58	7.12	10.29	16.40	7.12	10.29	16.40
	16	2.75	4.01	6.50	8.96	13.87	6.50	8.96	13.87		4.58	7.12	10.29	16.40	7.12	10.29	16.40
	24	2.57	4.01	6.50	8.96	13.87	6.50	8.96	13.87		4.58	7.12	10.29	16.40	7.12	10.29	16.40

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	24		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	24		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	16		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	24		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
12	12		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	16		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	24		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
14	12		5.48	8.86	11.97	20.13	8.86	11.97	20.13					
	16		5.48	8.86	11.97	20.13	8.86	11.97	20.13					
	24		5.48	8.86	11.97	20.13	8.86	11.97	20.13					
16	12		5.22	8.30	11.10	18.82	8.30	11.10	18.82					
	16		5.22	8.30	11.10	18.82	8.30	11.10	18.82					
	24		5.22	8.30	11.10	18.82	8.30	11.10	18.82					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	24	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
9	12	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	16	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	24	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
10	12	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	16	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	24	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
12	12	2.75	3.97	7.18	9.76		7.18	9.76		3.18	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	16	2.75	3.97	7.18	9.76		7.18	9.76		3.18	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	24	2.75	3.97	7.18	9.76		7.18	9.76		3.18	4.55	8.22	11.08	17.72	8.22	11.08	17.72
14	12	2.67	3.83	6.80	9.25		6.80	9.25		3.13	4.39	7.80	10.51	16.83	7.80	10.51	16.83
	16	2.67	3.83	6.80	9.25		6.80	9.25		3.13	4.39	7.80	10.51	16.83	7.80	10.51	16.83
	24	2.67	3.83	6.80	9.25		6.80	9.25		3.13	4.39	7.80	10.51	16.83	7.80	10.51	16.83
16	12	2.59	3.68	6.39	8.70		6.39	8.70		3.02	4.22	7.33	9.90	15.86	7.33	9.90	15.86
	16	2.59	3.68	6.39	8.70		6.39	8.70		3.02	4.22	7.33	9.90	15.86	7.33	9.90	15.86
	24	2.59	3.68	6.39	8.70		6.39	8.70		3.02	4.22	7.33	9.90	15.86	7.33	9.90	15.86

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	24	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	16	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	24	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
10	12	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	16	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	24	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
12	12	3.25	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	16	3.25	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	24	3.25	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
14	12	3.17	4.56	7.94	11.30	18.68	7.94	11.30	18.68		5.26	8.86	12.46	21.33	8.86	12.46	21.33
	16	3.17	4.56	7.94	11.30	18.68	7.94	11.30	18.68		5.26	8.86	12.46	21.33	8.86	12.46	21.33
	24	3.17	4.56	7.94	11.30	18.68	7.94	11.30	18.68		5.26	8.86	12.46	21.33	8.86	12.46	21.33
16	12	3.08	4.48	7.69	10.78	17.63	7.69	10.78	17.63		5.12	8.50	12.10	20.53	8.50	12.10	20.53
	16	3.08	4.48	7.69	10.78	17.63	7.69	10.78	17.63		5.12	8.50	12.10	20.53	8.50	12.10	20.53
	24	3.08	4.48	7.69	10.78	17.63	7.69	10.78	17.63		5.12	8.50	12.10	20.53	8.50	12.10	20.53

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	24		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	16		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	24		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
12	12		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	16		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	24		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
14	12		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	16		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	24		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
16	12		5.83	9.60	13.10	22.41	9.60	13.10	22.41					
	16		5.83	9.60	13.10	22.41	9.60	13.10	22.41					
	24		5.83	9.60	13.10	22.41	9.60	13.10	22.41					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	24	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	16	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	24	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
10	12	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	16	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	24	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
12	12	2.84	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	16	2.84	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	24	2.84	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
14	12	2.77	4.02	7.25	9.90		7.25	9.90		3.22	4.59	8.29	11.21	18.09	8.29	11.21	18.09
	16	2.77	4.02	7.25	9.90		7.25	9.90		3.22	4.59	8.29	11.21	18.09	8.29	11.21	18.09
	24	2.77	4.02	7.25	9.90		7.25	9.90		3.22	4.59	8.29	11.21	18.09	8.29	11.21	18.09
16	12	2.71	3.90	6.91	9.45		6.91	9.45		3.16	4.45	7.91	10.71	17.29	7.91	10.71	17.29
	16	2.71	3.90	6.91	9.45		6.91	9.45		3.16	4.45	7.91	10.71	17.29	7.91	10.71	17.29
	24	2.71	3.90	6.91	9.45		6.91	9.45		3.16	4.45	7.91	10.71	17.29	7.91	10.71	17.29

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	24	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
12	12	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	16	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	24	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
14	12	3.27	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	16	3.27	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	24	3.27	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
16	12	3.20	4.63	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79
	16	3.20	4.63	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79
	24	3.20	4.63	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79

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3. Effective area considers 1.5" holes in webs for axial load determination
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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	24		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	16		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	24		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
14	12		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	16		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	24		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
16	12		6.05	10.09	13.84	23.90	10.09	13.84	23.90					
	16		6.05	10.09	13.84	23.90	10.09	13.84	23.90					
	24		6.05	10.09	13.84	23.90	10.09	13.84	23.90					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	24	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	16	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	24	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
10	12	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	16	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	24	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
12	12	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	16	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	24	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
14	12	2.82	4.11	7.46	10.21		7.46	10.21		3.25	4.68	8.51	11.54	18.69	8.51	11.54	18.69
	16	2.82	4.11	7.46	10.21		7.46	10.21		3.25	4.68	8.51	11.54	18.69	8.51	11.54	18.69
	24	2.82	4.11	7.46	10.21		7.46	10.21		3.25	4.68	8.51	11.54	18.69	8.51	11.54	18.69
16	12	2.76	4.00	7.16	9.80		7.16	9.80		3.22	4.56	8.18	11.09	17.97	8.18	11.09	17.97
	16	2.76	4.00	7.16	9.80		7.16	9.80		3.22	4.56	8.18	11.09	17.97	8.18	11.09	17.97
	24	2.76	4.00	7.16	9.80		7.16	9.80		3.22	4.56	8.18	11.09	17.97	8.18	11.09	17.97

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	24	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
12	12	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	16	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	24	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
14	12	3.32	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	16	3.32	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	24	3.32	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
16	12	3.26	4.70	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	16	3.26	4.70	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	24	3.26	4.70	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

5 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	24		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	24		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
14	12		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	16		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	24		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
16	12		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	16		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	24		6.15	10.31	14.18	24.61	10.31	14.18	24.61					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	24	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	16	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	24	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
10	12	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	16	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	24	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
12	12	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	16	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	24	2.78	4.21	7.55	10.58		7.66	10.58		3.28	4.80	8.58	11.95	19.33	8.71	11.95	19.33
14	12	2.82	4.11	7.46	10.21		7.46	10.21		3.25	4.68	8.51	11.54	18.69	8.51	11.54	18.69
	16	2.80	4.11	7.46	10.21		7.46	10.21		3.25	4.68	8.51	11.54	18.69	8.51	11.54	18.69
	24	2.34	4.08	7.11	10.21		7.46	10.21		2.87	4.68	8.14	11.54	18.69	8.51	11.54	18.69
16	12	2.73	4.00	7.16	9.80		7.16	9.80		3.22	4.56	8.18	11.09	17.97	8.18	11.09	17.97
	16	2.44	4.00	7.16	9.80		7.16	9.80		2.99	4.56	8.18	11.09	17.97	8.18	11.09	17.97
	24	1.86 ⁷	3.54	6.61	9.77		7.16	9.80		2.39	4.24	7.63	11.09	17.97	8.18	11.09	17.97

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	24	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
12	12	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	16	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	24	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
14	12	3.32	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	16	3.32	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	24	2.98	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
16	12	3.26	4.70	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	16	3.07	4.70	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	24	2.48	4.35	8.22	11.84	19.84	8.23	11.84	19.84		5.30	9.06	12.93	22.41	9.19	12.93	22.41

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	24		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	24		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
14	12		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	16		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	24		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
16	12		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	16		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	24		6.15	10.31	14.18	24.61	10.31	14.18	24.61					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.75	3.90	6.60	8.96	13.34	6.60	8.96	13.34		4.53	7.36	10.26	16.14	7.36	10.26	16.14
	16	2.67	3.90	6.60	8.96	13.34	6.60	8.96	13.34		4.53	7.36	10.26	16.14	7.36	10.26	16.14
	24	2.25 ⁷	3.56	6.38	8.96	13.34	6.60	8.96	13.34		4.41	7.36	10.26	16.14	7.36	10.26	16.14
9	12	2.56	3.81	6.28	8.49	12.27	6.28	8.49	12.27		4.38	6.99	9.80	14.89	6.99	9.80	14.89
	16	2.29 ⁷	3.59	6.15	8.49	12.27	6.28	8.49	12.27		4.38	6.99	9.80	14.89	6.99	9.80	14.89
	24	1.80 ⁶	3.01 ⁶	5.36	7.75	11.71	5.93	8.49	11.71		3.79 ⁷	6.36	9.49	14.89	6.99	9.80	14.89
10	12	2.21 ⁷	3.42	5.67	7.91	11.18	5.86	7.91	11.18		4.20	6.44	9.18	13.62	6.44	9.18	13.62
	16	1.91 ⁶	3.06 ⁷	5.19	7.36	10.84	5.65	7.91	10.84		3.83	6.07	9.01	13.62	6.44	9.18	13.62
	24	1.38 ³	2.42 ⁶	4.35 ⁶	6.39 ⁷	9.61	4.94 ⁶	7.26 ⁷	9.61		3.17 ⁶	5.20 ⁷	7.97	12.47	5.90 ⁷	8.68	13.62
12	12	1.54 ⁶	2.49 ⁶	4.02 ⁷	5.55	8.09	4.43 ⁷	6.13	8.09		3.17 ⁶	4.98	7.06	10.41	5.49	7.55	11.07
	16	1.21 ³	2.09 ⁶	3.53 ⁶	5.00 ⁶	7.40	4.01 ⁶	5.68 ⁶	7.40		2.74 ⁶	4.43 ⁶	6.44 ⁷	9.65	5.03 ⁶	7.01 ⁷	10.87
	24	0.64 ²	1.41 ³	2.71 ³	4.07 ⁶	6.24 ⁶	3.29 ³	4.91 ⁶	6.24 ⁶		2.02 ³	3.51 ⁶	5.40 ⁶	8.37 ⁷	4.25 ⁶	6.11 ⁶	9.88 ⁷
14	12	0.99 ³	1.67 ³	2.68 ⁶	3.77 ⁶	5.55 ⁷	3.05 ⁶	4.29 ⁶	5.55 ⁷		2.27 ⁶	3.47 ⁶	4.89 ⁶	7.29	3.95 ⁶	5.34 ⁶	8.24
	16	0.66 ²	1.28 ²	2.24 ³	3.28 ³	4.94 ⁶	2.67 ³	3.88 ³	4.94 ⁶		1.84 ³	2.96 ³	4.34 ⁶	6.61 ⁶	3.52 ³	4.85 ⁶	7.71 ⁶
	24	-	0.63 ²	1.50 ²	2.46 ²	3.92 ³	2.02 ²	3.20 ²	3.92 ³		1.12 ²	2.10 ²	3.41 ³	5.47 ⁶	2.79 ²	4.04 ³	6.82 ⁶
16	12	0.55 ²	1.06 ²	1.76 ³	2.54 ³	3.82 ⁶	2.09 ³	3.00 ³	3.82 ⁶		1.52 ³	2.32 ³	3.36 ⁶	5.10 ⁶	2.75 ³	3.75 ⁶	5.93 ⁶
	16	0.09 ²	0.70 ²	1.37 ²	2.11 ²	3.29 ³	1.75 ²	2.64 ²	3.29 ³		1.12 ²	1.87 ²	2.87 ³	4.51 ⁶	2.37 ²	3.32 ³	5.47 ⁶
	24	-	-	0.71 ²	1.39 ²	2.39 ²	1.18 ²	2.04 ²	2.39 ²		0.45 ²	1.11 ²	2.06 ²	3.52 ³	1.72 ²	2.61 ²	4.69 ³

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COMBINED AXIAL AND LATERAL LOAD TABLES

notes:

1. Lateral and axial load multiplied by 0.75 for strength determination
2. Allowable axial load in kips/stud
3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
	16		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
	24		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
9	12		5.04	8.03	10.61	16.93	8.03	10.61	16.93		
	16		5.04	8.03	10.61	16.93	8.03	10.61	16.93		
	24		4.59	7.64	10.61	16.93	8.03	10.61	16.93		
10	12		4.84	7.60	9.94	15.95	7.60	9.94	15.95		
	16		4.60	7.40	9.94	15.95	7.60	9.94	15.95		
	24		3.89 ⁶	6.46	9.07	15.25	7.20	9.94	15.25		
12	12		3.83 ⁷	5.92	8.29	12.70	6.45	8.96	12.70		
	16		3.37 ⁶	5.34 ⁷	7.60	11.87	5.96 ⁷	8.38	11.87		
	24		2.59 ³	4.35 ⁶	6.46 ⁶	10.48	5.12 ⁶	7.41 ⁶	10.48		
14	12		2.78 ⁶	4.24 ⁶	5.92 ⁷	9.00	4.75 ⁶	6.54 ⁷	9.00		
	16		2.32 ³	3.68 ⁶	5.29 ⁶	8.26 ⁷	4.27 ⁶	6.01 ⁶	8.26 ⁷		
	24		1.54 ²	2.76 ³	4.24 ³	7.03 ⁶	3.48 ³	5.11 ³	7.03 ⁶		
16	12		1.95 ³	2.94 ³	4.10 ⁶	6.38 ⁷	3.40 ³	4.64 ⁶	6.38 ⁷		
	16		1.51 ²	2.44 ³	3.55 ³	5.73 ⁶	2.97 ³	4.18 ³	5.73 ⁶		
	24		0.77 ²	1.60 ²	2.62 ²	4.65 ³	2.25 ²	3.39 ²	4.65 ³		

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COMBINED AXIAL AND LATERAL LOAD TABLES

notes:

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4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.38	3.30	5.75	7.55		5.75	7.55		2.82	3.85	6.71	8.76	13.07	6.71	8.76	13.07
	16	2.29	3.30	5.75	7.55		5.75	7.55		2.82	3.85	6.71	8.76	13.07	6.71	8.76	13.07
	24	1.91 ⁷	3.02	5.42	7.53		5.75	7.55		2.42 ⁷	3.70	6.61	8.76	13.07	6.71	8.76	13.07
9	12	2.21	3.17	5.39	7.07		5.39	7.07		2.70	3.69	6.29	8.22	12.14	6.29	8.22	12.14
	16	1.97 ⁷	3.01	5.20	7.07		5.39	7.07		2.44	3.66	6.29	8.22	12.14	6.29	8.22	12.14
	24	1.53 ⁶	2.52 ⁶	4.47 ⁷	6.31		5.18 ⁷	7.07		1.97 ⁶	3.15 ⁷	5.53	7.70	12.02	6.28	8.22	12.14
10	12	1.90 ⁷	2.88	4.80	6.57		5.01	6.57		2.34	3.49	5.82	7.65	11.19	5.86	7.65	11.19
	16	1.63 ⁶	2.57 ⁷	4.36	6.06		4.94	6.57		2.05 ⁶	3.17 ⁷	5.35	7.35	11.19	5.86	7.65	11.19
	24	1.15 ³	2.03 ⁶	3.59 ⁶	5.16 ⁷		4.33 ⁶	6.08 ⁷		1.54 ⁶	2.60 ⁶	4.52 ⁶	6.39 ⁷	10.04	5.31 ⁶	7.37 ⁷	11.19
12	12	1.30 ⁶	2.09 ⁶	3.36 ⁶	4.67 ⁷		3.87 ⁶	5.30 ⁷		1.66 ⁶	2.60 ⁶	4.15 ⁷	5.71	8.62	4.70 ⁷	6.38	9.26
	16	1.01 ³	1.75 ³	2.90 ⁶	4.15 ⁶		3.50 ⁶	4.88 ⁶		1.34 ³	2.24 ⁶	3.66 ⁶	5.14 ⁷	7.92	4.30 ⁶	5.93 ⁷	9.04
	24	0.49 ²	1.16 ²	2.14 ³	3.27 ³		2.87 ³	4.17 ³		0.78 ²	1.61 ³	2.83 ³	4.19 ⁶	6.73 ⁶	3.62 ³	5.16 ⁶	8.12 ⁶
14	12	0.81 ²	1.43 ³	2.25 ⁶	3.21 ⁶		2.73 ⁶	3.79 ⁶		1.09 ³	1.83 ³	2.85 ⁶	3.99 ⁶	6.06 ⁷	3.36 ⁶	4.63 ⁶	6.95 ⁷
	16	0.52 ²	1.09 ²	1.83 ³	2.73 ³		2.38 ³	3.40 ³		0.76 ²	1.46 ³	2.39 ³	3.47 ⁶	5.42 ⁶	2.99 ³	4.20 ⁶	6.45 ⁶
	24	-	0.51 ²	1.12 ²	1.92 ²		1.80 ²	2.74 ²		-	0.84 ²	1.62 ²	2.59 ³	4.35 ³	2.36 ²	3.49 ³	5.61 ³
16	12	0.44 ²	0.91 ²	1.46 ³	2.14 ³		1.89 ³	2.66 ³		0.65 ²	1.23 ²	1.90 ³	2.73 ³	4.21 ⁶	2.37 ³	3.30 ³	5.00 ⁶
	16	-	0.59 ²	1.08 ²	1.71 ²		1.58 ²	2.31 ²		0.34 ²	0.88 ²	1.49 ²	2.27 ³	3.65 ³	2.03 ²	2.92 ³	4.56 ³
	24	-	-	0.45 ²	1.00 ²		1.06 ²	1.73 ²		-	0.03 ¹	0.80 ²	1.48 ²	2.70 ²	1.46 ²	2.28 ²	3.81 ²

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COMBINED AXIAL AND LATERAL LOAD TABLES

notes:

1. Lateral and axial load multiplied by 0.75 for strength determination
2. Allowable axial load in kips/stud
3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.86	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
	16	2.86	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
	24	2.55	3.96	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
9	12	2.78	3.98	6.72	9.14	13.88	6.72	9.14	13.88	4.59	7.46	10.47	16.66	7.46	10.47	16.66	
	16	2.60	3.98	6.72	9.14	13.88	6.72	9.14	13.88	4.59	7.46	10.47	16.66	7.46	10.47	16.66	
	24	2.13 ⁶	3.45	6.24	8.99	13.88	6.72	9.14	13.88	4.29	7.29	10.47	16.66	7.46	10.47	16.66	
10	12	2.53	3.88	6.38	8.70	12.84	6.38	8.70	12.84	4.45	7.11	10.00	15.47	7.11	10.00	15.47	
	16	2.24 ⁷	3.54	6.11	8.70	12.84	6.38	8.70	12.84	4.34	7.11	10.00	15.47	7.11	10.00	15.47	
	24	1.71 ⁶	2.92 ⁶	5.26 ⁷	7.70	12.11	5.87 ⁷	8.60	12.11	3.70 ⁷	6.25	9.42	15.36	6.97	10.00	15.47	
12	12	1.87 ⁶	2.98 ⁷	4.91	6.87	10.36	5.35	7.48	10.36	3.72	5.87	8.51	13.02	6.36	8.86	13.02	
	16	1.53 ³	2.57 ⁶	4.38 ⁶	6.26 ⁷	9.61	4.90 ⁶	7.01 ⁷	9.61	3.29 ⁶	5.30 ⁷	7.85	12.26	5.93 ⁷	8.47	13.02	
	24	0.94 ²	1.86 ³	3.49 ⁶	5.24 ⁶	8.34 ⁷	4.13 ⁶	6.16 ⁶	8.34 ⁷	2.55 ⁶	4.34 ⁶	6.72 ⁶	10.87	5.12 ⁶	7.49 ⁶	12.33	
14	12	1.29 ³	2.14 ⁶	3.48 ⁶	4.89 ⁶	7.41	3.90 ⁶	5.49 ⁶	7.41	2.79 ⁶	4.38 ⁶	6.25 ⁷	9.51	4.93 ⁶	6.76 ⁷	10.46	
	16	0.93 ²	1.71 ³	2.97 ⁶	4.32 ⁶	6.72 ⁷	3.47 ⁶	5.02 ⁶	6.72 ⁷	2.34 ³	3.81 ⁶	5.61 ⁶	8.75	4.45 ⁶	6.21 ⁶	9.85	
	24	0.09 ²	1.00 ²	2.13 ³	3.37 ³	5.56 ⁶	2.73 ³	4.23 ³	5.56 ⁶	1.56 ²	2.86 ³	4.54 ³	7.47 ⁶	3.64 ³	5.28 ³	8.81 ⁶	
16	12	0.81 ²	1.44 ³	2.37 ³	3.42 ⁶	5.24 ⁶	2.75 ³	3.96 ⁶	5.24 ⁶	2.00 ³	3.08 ⁶	4.45 ⁶	6.85 ⁷	3.58 ⁶	4.92 ⁶	7.70 ⁷	
	16	0.47 ²	1.04 ²	1.91 ³	2.91 ³	4.63 ⁶	2.36 ³	3.54 ³	4.63 ⁶	1.55 ²	2.56 ³	3.88 ³	6.17 ⁶	3.14 ³	4.42 ³	7.15 ⁶	
	24	-	0.09 ²	1.15 ²	2.06 ²	3.60 ³	1.70 ²	2.83 ²	3.60 ³	0.80 ²	1.68 ²	2.92 ²	5.03 ³	2.39 ²	3.58 ²	6.23 ³	

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.43	8.87	11.84	19.50	8.87	11.84	19.50		
	16		5.43	8.87	11.84	19.50	8.87	11.84	19.50		
	24		5.43	8.87	11.84	19.50	8.87	11.84	19.50		
9	12		5.28	8.52	11.35	18.54	8.52	11.35	18.54		
	16		5.28	8.52	11.35	18.54	8.52	11.35	18.54		
	24		5.15	8.52	11.35	18.54	8.52	11.35	18.54		
10	12		5.11	8.15	10.53	17.55	8.15	10.53	17.55		
	16		5.11	8.15	10.53	17.55	8.15	10.53	17.55		
	24		4.50	7.53	10.38	17.55	8.15	10.53	17.55		
12	12		4.46	7.03	9.78	15.30	7.34	9.84	15.30		
	16		4.00 ⁷	6.43	9.07	14.89	7.08	9.84	14.89		
	24		3.20 ⁶	5.39 ⁶	7.86 ⁷	13.38	6.20 ⁶	8.87 ⁷	13.38		
14	12		3.40 ⁶	5.26 ⁷	7.44	11.60	5.82 ⁷	8.14	11.60		
	16		2.91 ⁶	4.65 ⁶	6.73 ⁷	10.77	5.30 ⁶	7.54 ⁷	10.77		
	24		2.08 ³	3.62 ³	5.53 ⁶	9.37 ⁶	4.43 ³	6.53 ⁶	9.37 ⁶		
16	12		2.49 ⁶	3.86 ⁶	5.39 ⁶	8.45	4.40 ⁶	6.03 ⁶	8.45		
	16		2.01 ³	3.28 ³	4.74 ⁶	7.71 ⁶	3.90 ³	5.48 ⁶	7.71 ⁶		
	24		1.20 ²	2.32 ²	3.66 ³	6.47 ⁶	3.08 ²	4.57 ³	6.47 ⁶		

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	16	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	24	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
9	12	2.60	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	16	2.60	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	24	2.41	3.72	6.65	8.91		6.65	8.91		2.95	4.28	7.68	10.21	15.86	7.68	10.21	15.86
10	12	2.55	3.62	6.39	8.57		6.39	8.57		3.00	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	16	2.51	3.62	6.39	8.57		6.39	8.57		3.00	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	24	2.10 ⁷	3.38	6.20	8.57		6.39	8.57		2.62	4.08	7.39	9.82	15.26	7.39	9.82	15.26
12	12	2.27	3.41	5.83	7.82		5.83	7.82		2.75	3.93	6.75	8.98	13.93	6.75	8.98	13.93
	16	1.98 ⁶	3.13	5.51	7.77		5.83	7.82		2.45 ⁷	3.78	6.63	8.98	13.93	6.75	8.98	13.93
	24	1.47 ⁶	2.55 ⁶	4.65 ⁷	6.76		5.48 ⁷	7.79		1.90 ⁶	3.17 ⁶	5.72 ⁷	8.18	13.70	6.60 ⁷	8.98	13.93
14	12	1.76 ⁶	2.79 ⁷	4.71	6.64		5.23	7.02		2.18 ⁶	3.38 ⁷	5.69	7.93	12.52	6.08	8.09	12.52
	16	1.43 ⁶	2.41 ⁶	4.17 ⁶	6.01		4.88 ⁶	6.88		1.83 ⁶	2.99 ⁶	5.12 ⁷	7.26	12.00	5.87 ⁷	8.09	12.52
	24	0.85 ³	1.74 ³	3.24 ⁶	4.92 ⁶		4.14 ⁶	6.03 ⁶		1.20 ³	2.28 ³	4.12 ⁶	6.09 ⁶	10.52	5.08 ⁶	7.28 ⁶	12.03
16	12	1.28 ³	2.16 ⁶	3.57 ⁶	5.11 ⁷		4.17 ⁶	5.87 ⁷		1.64 ⁶	2.67 ⁶	4.38 ⁶	6.19	10.15	5.03 ⁶	7.00	11.05
	16	0.93 ³	1.75 ³	3.02 ⁶	4.48 ⁶		3.74 ⁶	5.37 ⁶		1.26 ³	2.24 ³	3.79 ⁶	5.51 ⁶	9.28	4.56 ⁶	6.46 ⁶	10.49
	24	0.06 ²	1.05 ²	2.10 ³	3.39 ³		2.99 ³	4.50 ³		0.60 ²	1.49 ²	2.79 ³	4.34 ⁶	7.81 ⁶	3.75 ³	5.53 ⁶	9.31 ⁶

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	16	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	24	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
9	12	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	16	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	24	3.06	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
10	12	3.05	4.34	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
	16	3.05	4.34	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
	24	2.74	4.29	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
12	12	2.89	4.23	7.18	9.91	15.67	7.18	9.91	15.67		4.84	7.94	11.26	18.49	7.94	11.26	18.49
	16	2.60	4.10	7.18	9.91	15.67	7.18	9.91	15.67		4.84	7.94	11.26	18.49	7.94	11.26	18.49
	24	2.06 ⁶	3.46 ⁷	6.41	9.47	15.67	7.09	9.91	15.67		4.30	7.46	11.26	18.49	7.94	11.26	18.49
14	12	2.37 ⁷	3.77	6.45	9.20	14.13	6.64	9.20	14.13		4.56	7.39	10.48	16.73	7.39	10.48	16.73
	16	2.01 ⁶	3.33 ⁷	5.86	8.60	14.04	6.46	9.20	14.04		4.12 ⁷	6.88	10.31	16.73	7.39	10.48	16.73
	24	1.37 ³	2.56 ⁶	4.82 ⁶	7.37 ⁷	12.49	5.60 ⁶	8.49 ⁷	12.49		3.33 ⁶	5.80 ⁶	9.03	15.67	6.70 ⁶	9.95	16.73
16	12	1.84 ⁶	3.04 ⁶	5.13 ⁷	7.36	11.93	5.68 ⁷	8.13	11.93		3.78 ⁷	6.09	9.04	14.78	6.73	9.59	14.91
	16	1.45 ³	2.55 ⁶	4.50 ⁶	6.63 ⁷	11.01	5.15 ⁶	7.53 ⁷	11.01		3.28 ⁶	5.43 ⁶	8.25	13.79	6.19 ⁶	9.02	14.91
	24	0.75 ²	1.71 ³	3.43 ³	5.39 ⁶	9.45 ⁶	4.24 ³	6.52 ⁶	9.45 ⁶		2.39 ³	4.28 ⁶	6.89 ⁶	12.09 ⁷	5.24 ⁶	7.86 ⁶	13.65 ⁷

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																			
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)																	
		33 ksi					50 ksi												
		33	43	54	68	97	54	68	97										
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08										
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08										
	24		5.95	9.98	13.55	23.08	9.98	13.55	23.08										
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46										
	16		5.86	9.77	13.25	22.46	9.77	13.25	22.46										
	24		5.86	9.77	13.25	22.46	9.77	13.25	22.46										
10	12		5.76	9.54	12.91	21.80	9.54	12.91	21.80										
	16		5.76	9.54	12.91	21.80	9.54	12.91	21.80										
	24		5.76	9.54	12.91	21.80	9.54	12.91	21.80										
12	12		5.54	9.02	12.17	20.40	9.02	12.17	20.40										
	16		5.54	9.02	12.17	20.40	9.02	12.17	20.40										
	24		5.16	8.84	12.17	20.40	9.02	12.17	20.40										
14	12		5.28	8.44	11.14	18.97	8.44	11.14	18.97										
	16		4.93	8.18	11.14	18.97	8.44	11.14	18.97										
	24		4.09 ⁶	7.04 ⁷	10.07	18.55	7.96 ⁷	11.14	18.55										
16	12		4.52	7.29	10.32	17.27	7.81	10.59	17.27										
	16		3.99 ⁶	6.58 ⁷	9.47	16.53	7.36 ⁷	10.46	16.53										
	24		3.05 ⁶	5.34 ⁶	8.03 ⁶	14.71	6.34 ⁶	9.27 ⁶	14.71										

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	16	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	24	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
9	12	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	16	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	24	2.61	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
10	12	2.62	3.75	6.70	9.01		6.70	9.01		3.07	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	16	2.62	3.75	6.70	9.01		6.70	9.01		3.07	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	24	2.34	3.70	6.70	9.01		6.70	9.01		2.87	4.31	7.72	10.30	16.14	7.72	10.30	16.14
12	12	2.49	3.56	6.20	8.34		6.20	8.34		2.96	4.10	7.15	9.55	14.95	7.15	9.55	14.95
	16	2.23 ⁷	3.48	6.20	8.34		6.20	8.34		2.74	4.10	7.15	9.55	14.95	7.15	9.55	14.95
	24	1.74 ⁶	2.93 ⁷	5.39	7.79		6.20	8.34		2.22 ⁶	3.59 ⁷	6.54	9.30	14.95	7.15	9.55	14.95
14	12	2.03 ⁷	3.16	5.45	7.61		5.65	7.61		2.48 ⁷	3.80	6.53	8.74	13.66	6.54	8.74	13.66
	16	1.71 ⁶	2.80 ⁶	4.92 ⁷	7.05		5.62 ⁷	7.61		2.14 ⁶	3.42 ⁷	5.96	8.42	13.66	6.54	8.74	13.66
	24	1.14 ³	2.15 ⁶	3.97 ⁶	5.94 ⁶		4.89 ⁶	7.07 ⁶		1.53 ³	2.73 ⁶	4.95 ⁶	7.25 ⁷	12.45	5.92 ⁶	8.44 ⁷	13.66
16	12	1.56 ⁶	2.55 ⁶	4.29 ⁷	6.13		4.92 ⁷	6.85		1.95 ⁶	3.12 ⁶	5.21	7.34	12.09	5.88	7.88	12.31
	16	1.21 ³	2.14 ⁶	3.73 ⁶	5.47 ⁶		4.47 ⁶	6.40 ⁶		1.57 ³	2.68 ⁶	4.60 ⁶	6.63 ⁷	11.17	5.40 ⁶	7.62 ⁷	12.31
	24	0.58 ²	1.43 ³	2.75 ³	4.32 ⁶		3.69 ³	5.49 ⁶		0.90 ²	1.92 ³	3.55 ⁶	5.41 ⁶	9.60 ⁷	4.56 ⁶	6.66 ⁶	11.20 ⁷

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
9	12	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	24	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
10	12	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	16	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	24	2.96	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
12	12	3.01	4.34	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
	16	2.84	4.34	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
	24	2.32 ⁷	3.85	7.12	10.41	16.74	7.45	10.41	16.74		4.73	8.25	11.68	19.55	8.28	11.68	19.55
14	12	2.63	4.18	7.05	9.75	15.34	7.05	9.75	15.34		4.80	7.79	11.14	18.08	7.79	11.14	18.08
	16	2.29 ⁶	3.77	6.69	9.75	15.34	7.05	9.75	15.34		4.58	7.72	11.14	18.08	7.79	11.14	18.08
	24	1.66 ⁶	3.02 ⁶	5.67 ⁷	8.55	14.60	6.45 ⁷	9.64	14.60		3.82 ⁶	6.68	10.34	18.06	7.57	11.14	18.08
16	12	2.13 ⁶	3.49 ⁷	5.97	8.64	13.87	6.50	8.96	13.87		4.27	6.88	10.29	16.40	7.12	10.29	16.40
	16	1.73 ⁶	3.01 ⁶	5.33 ⁷	7.89	13.10	5.99 ⁷	8.82	13.10		3.78 ⁶	6.23	9.57	16.21	6.98	10.29	16.40
	24	1.03 ³	2.17 ³	4.23 ⁶	6.59 ⁶	11.45 ⁷	5.07 ⁶	7.77 ⁶	11.45 ⁷		2.91 ⁶	5.09 ⁶	8.18 ⁷	14.43	6.05 ⁶	9.19 ⁷	16.07

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	24		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	24		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	16		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	24		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
12	12		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	16		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	24		5.63	9.38	12.71	21.46	9.38	12.71	21.46					
14	12		5.48	8.86	11.97	20.13	8.86	11.97	20.13					
	16		5.43	8.86	11.97	20.13	8.86	11.97	20.13					
	24		4.64 ⁷	8.00	11.54	20.13	8.86	11.97	20.13					
16	12		5.06	8.27	11.10	18.82	8.30	11.10	18.82					
	16		4.55 ⁷	7.57	10.72	18.82	8.30	11.10	18.82					
	24		3.63 ⁶	6.33 ⁶	9.29 ⁷	17.31	7.34 ⁶	10.53 ⁷	17.31					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	24	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
9	12	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	16	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	24	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
10	12	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	16	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	24	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
12	12	2.75	3.97	7.18	9.76		7.18	9.76		3.18	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	16	2.75	3.97	7.18	9.76		7.18	9.76		3.18	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	24	2.38	3.97	7.00	9.76		7.18	9.76		2.91	4.55	8.04	11.08	17.72	8.22	11.08	17.72
14	12	2.66	3.83	6.80	9.25		6.80	9.25		3.13	4.39	7.80	10.51	16.83	7.80	10.51	16.83
	16	2.38	3.83	6.80	9.25		6.80	9.25		2.93	4.39	7.80	10.51	16.83	7.80	10.51	16.83
	24	1.86 ⁷	3.44	6.39	9.25		6.80	9.25		2.37 ⁷	4.12	7.43	10.51	16.83	7.80	10.51	16.83
16	12	2.29	3.68	6.39	8.70		6.39	8.70		2.80	4.22	7.33	9.90	15.86	7.33	9.90	15.86
	16	1.95 ⁷	3.43	6.20	8.70		6.39	8.70		2.44 ⁷	4.09	7.33	9.90	15.86	7.33	9.90	15.86
	24	1.31 ⁶	2.79 ⁶	5.25 ⁷	7.78		6.18 ⁷	8.70		1.76 ⁶	3.42 ⁶	6.35	9.25	15.86	7.33	9.90	15.86

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1. Lateral and axial load multiplied by 0.75 for strength determination
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3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	24	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	16	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	24	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
10	12	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	16	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	24	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
12	12	3.25	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	16	3.25	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	24	3.01	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
14	12	3.17	4.56	7.94	11.30	18.68	7.94	11.30	18.68		5.26	8.86	12.46	21.33	8.86	12.46	21.33
	16	3.01	4.56	7.94	11.30	18.68	7.94	11.30	18.68		5.26	8.86	12.46	21.33	8.86	12.46	21.33
	24	2.46	4.27	7.94	11.30	18.68	7.94	11.30	18.68		5.19	8.86	12.46	21.33	8.86	12.46	21.33
16	12	2.90	4.48	7.69	10.78	17.63	7.69	10.78	17.63		5.12	8.50	12.10	20.53	8.50	12.10	20.53
	16	2.54	4.33	7.69	10.78	17.63	7.69	10.78	17.63		5.12	8.50	12.10	20.53	8.50	12.10	20.53
	24	1.87 ⁶	3.61 ⁷	6.95	10.49	17.63	7.66	10.78	17.63		4.46	8.03	12.10	20.53	8.50	12.10	20.53

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	24		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	16		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	24		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
12	12		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	16		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	24		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
14	12		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	16		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	24		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
16	12		5.83	9.60	13.10	22.41	9.60	13.10	22.41					
	16		5.83	9.60	13.10	22.41	9.60	13.10	22.41					
	24		5.33	9.43	13.10	22.41	9.60	13.10	22.41					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	24	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	16	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	24	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
10	12	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	16	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	24	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
12	12	2.84	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	16	2.84	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	24	2.65	4.13	7.37	10.32		7.52	10.32		3.18	4.72	8.41	11.67	18.82	8.56	11.67	18.82
14	12	2.77	4.02	7.25	9.90		7.25	9.90		3.22	4.59	8.29	11.21	18.09	8.29	11.21	18.09
	16	2.66	4.02	7.25	9.90		7.25	9.90		3.21	4.59	8.29	11.21	18.09	8.29	11.21	18.09
	24	2.18	3.88	6.88	9.90		7.25	9.90		2.71	4.59	7.91	11.21	18.09	8.29	11.21	18.09
16	12	2.59	3.90	6.91	9.45		6.91	9.45		3.14	4.45	7.91	10.71	17.29	7.91	10.71	17.29
	16	2.27	3.89	6.91	9.45		6.91	9.45		2.81	4.45	7.91	10.71	17.29	7.91	10.71	17.29
	24	1.68 ⁶	3.29	6.32	9.42		6.91	9.45		2.18 ⁷	3.98	7.35	10.71	17.29	7.91	10.71	17.29

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	24	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
12	12	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	16	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	24	3.30	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
14	12	3.27	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	16	3.27	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	24	2.81	4.68	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
16	12	3.20	4.63	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79
	16	2.90	4.63	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79
	24	2.28	4.10	7.96	11.50	19.13	8.05	11.50	19.13		5.03	8.84	12.66	21.79	8.97	12.66	21.79

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3. Effective area considers 1.5" holes in webs for axial load determination
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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

15 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42		
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42		
	24		6.45	11.06	15.24	26.42	11.06	15.24	26.42		
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25		
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25		
	24		6.41	10.97	15.11	26.25	10.97	15.11	26.25		
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06		
	16		6.37	10.88	14.97	26.06	10.88	14.97	26.06		
	24		6.37	10.88	14.97	26.06	10.88	14.97	26.06		
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54		
	16		6.28	10.65	14.64	25.54	10.65	14.64	25.54		
	24		6.28	10.65	14.64	25.54	10.65	14.64	25.54		
14	12		6.17	10.38	14.26	24.76	10.38	14.26	24.76		
	16		6.17	10.38	14.26	24.76	10.38	14.26	24.76		
	24		6.17	10.38	14.26	24.76	10.38	14.26	24.76		
16	12		6.05	10.09	13.84	23.90	10.09	13.84	23.90		
	16		6.05	10.09	13.84	23.90	10.09	13.84	23.90		
	24		5.95	10.09	13.84	23.90	10.09	13.84	23.90		

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	24	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	16	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	24	2.95	4.33	7.85	11.04		7.91	11.04		3.36	4.93	8.88	12.46	20.15	8.97	12.46	20.15
10	12	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	16	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	24	2.92	4.29	7.64	10.90		7.83	10.90		3.33	4.89	8.67	12.23	19.90	8.89	12.31	19.90
12	12	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	16	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	24	2.44	4.21	7.15	10.37		7.66	10.58		2.96	4.80	8.17	11.69	19.33	8.71	11.95	19.33
14	12	2.80	4.11	7.46	10.21		7.46	10.21		3.25	4.68	8.51	11.54	18.69	8.51	11.54	18.69
	16	2.49	4.11	7.30	10.21		7.46	10.21		3.03	4.68	8.32	11.54	18.69	8.51	11.54	18.69
	24	1.90	3.64	6.57	9.72		7.46	10.21		2.42	4.38	7.59	11.04	18.69	8.51	11.54	18.69
16	12	2.44	4.00	7.16	9.80		7.16	9.80		2.99	4.56	8.18	11.09	17.97	8.18	11.09	17.97
	16	2.05	3.72	6.85	9.80		7.16	9.80		2.59	4.44	7.87	11.09	17.97	8.18	11.09	17.97
	24	1.22 ⁶	2.99 ⁷	5.89	8.97		7.03	9.80		1.78 ⁶	3.68	6.91	10.29	17.97	8.18	11.09	17.97

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1. Lateral and axial load multiplied by 0.75 for strength determination
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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	24	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
12	12	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	16	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	24	3.09	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.60	13.41	23.64	9.67	13.41	23.64
14	12	3.32	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	16	3.14	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	24	2.53	4.42	8.18	12.23	20.62	8.40	12.23	20.62		5.42	9.01	13.19	23.05	9.45	13.19	23.05
16	12	3.07	4.70	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	16	2.68	4.55	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	24	1.91 ⁷	3.75	7.51	11.56	19.84	8.23	11.84	19.84		4.71	8.33	12.93	22.41	9.19	12.93	22.41

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	24		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	24		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
14	12		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	16		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	24		6.26	10.28	14.56	25.38	10.58	14.56	25.38					
16	12		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	16		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	24		5.63	9.60	13.96	24.61	10.31	14.18	24.61					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.04	3.07	5.30	6.92		5.31	6.92		2.53	3.64	6.23	8.07	11.61	6.23	8.07	11.61
	16	1.77 ⁶	2.77 ⁷	4.84	6.68		5.31	6.92		2.23 ⁷	3.41	5.94	8.07	11.61	6.23	8.07	11.61
	24	1.27 ⁶	2.21 ⁶	4.03 ⁶	5.75 ⁷		4.81 ⁶	6.70 ⁷		1.70 ⁶	2.83 ⁶	5.07 ⁷	7.12	10.75	5.91 ⁷	8.07	11.61
9	12	1.68 ⁶	2.60 ⁷	4.40	6.04		4.91	6.39		2.11 ⁶	3.21	5.39	7.34	10.63	5.76	7.47	10.63
	16	1.38 ⁶	2.26 ⁶	3.90 ⁷	5.47		4.55 ⁷	6.26		1.78 ⁶	2.85 ⁶	4.86 ⁷	6.73	9.99	5.56 ⁷	7.47	10.63
	24	0.83 ³	1.65 ³	3.04 ⁶	4.49 ⁶		3.87 ⁶	5.49 ⁶		1.20 ³	2.20 ⁶	3.94 ⁶	5.68 ⁶	8.64	4.82 ⁶	6.75 ⁶	10.42
10	12	1.33 ⁶	2.15 ⁶	3.56 ⁶	4.96		4.13 ⁶	5.65		1.71 ⁶	2.70 ⁶	4.43 ⁷	6.09	8.95	5.04 ⁷	6.83	9.63
	16	1.01 ³	1.78 ⁶	3.06 ⁶	4.38 ⁶		3.72 ⁶	5.19 ⁶		1.36 ³	2.30 ⁶	3.88 ⁶	5.47 ⁷	8.15	4.60 ⁶	6.34 ⁷	9.58
	24	0.41 ²	1.14 ³	2.20 ³	3.40 ⁶		3.03 ³	4.40 ⁶		0.75 ²	1.62 ³	2.96 ³	4.41 ⁶	6.79 ⁶	3.85 ³	5.49 ⁶	8.58 ⁶
12	12	0.74 ²	1.36 ³	2.23 ³	3.21 ⁶		2.77 ³	3.86 ⁶		1.02 ³	1.78 ³	2.86 ⁶	4.04 ⁶	5.97 ⁷	3.44 ⁶	4.75 ⁶	7.12 ⁷
	16	0.41 ²	0.98 ²	1.76 ³	2.67 ³		2.38 ³	3.43 ³		0.66 ²	1.37 ³	2.34 ³	3.45 ⁶	5.23 ⁶	3.02 ³	4.28 ⁶	6.56 ⁶
	24	-	0.08 ²	0.96 ²	1.76 ²		1.72 ²	2.69 ²		-	0.68 ²	1.47 ²	2.46 ³	3.98 ³	2.31 ²	3.47 ³	5.62 ³
14	12	0.31 ²	0.77 ²	1.31 ²	1.97 ³		1.79 ²	2.54 ³		0.51 ²	1.08 ²	1.76 ³	2.57 ³	3.88 ⁶	2.28 ³	3.20 ³	4.89 ⁶
	16	-	0.41 ²	0.89 ²	1.49 ²		1.44 ²	2.16 ²		-	0.69 ²	1.30 ²	2.05 ²	3.23 ³	1.90 ²	2.78 ²	4.40 ³
	24	-	-	-	0.70 ²		0.86 ¹	1.51 ²		-	-	0.52 ²	1.18 ²	2.13 ²	1.26 ²	2.07 ²	3.57 ²
16	12	-	0.35 ¹	0.71 ²	1.17 ²		1.14 ²	1.67 ²		-	0.58 ²	1.03 ²	1.60 ²	2.51 ³	1.50 ²	2.15 ²	3.40 ³
	16	-	-	0.19 ¹	0.76 ²		0.83 ¹	1.34 ²		-	-	0.62 ²	1.15 ²	1.94 ²	1.16 ²	1.78 ²	2.97 ²
	24	-	-	-	-		0.14 ¹	0.77 ¹		-	-	-	0.06 ¹	0.98 ²	0.59 ¹	1.16 ¹	2.24 ²

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.67	3.90	6.60	8.96	13.34	6.60	8.96	13.34		4.53	7.36	10.26	16.14	7.36	10.26	16.14
	16	2.39	3.72	6.60	8.96	13.34	6.60	8.96	13.34		4.53	7.36	10.26	16.14	7.36	10.26	16.14
	24	1.86 ⁶	3.11 ⁷	5.76	8.40	13.02	6.37	8.96	13.02		3.95	6.81	10.18	16.14	7.36	10.26	16.14
9	12	2.29 ⁷	3.59	6.15	8.49	12.27	6.28	8.49	12.27		4.38	6.99	9.80	14.89	6.99	9.80	14.89
	16	1.96 ⁶	3.19 ⁷	5.61	8.05	12.09	6.14	8.49	12.09		3.98	6.62	9.80	14.89	6.99	9.80	14.89
	24	1.37 ³	2.48 ⁶	4.66 ⁶	6.94 ⁷	10.66	5.34 ⁶	7.94 ⁷	10.66		3.26 ⁶	5.63 ⁷	8.64	13.85	6.43 ⁷	9.43	14.89
10	12	1.91 ⁶	3.06 ⁷	5.19	7.36	10.84	5.65	7.91	10.84		3.83	6.07	9.01	13.62	6.44	9.18	13.62
	16	1.55 ⁶	2.62 ⁶	4.61 ⁶	6.69	10.00	5.17 ⁶	7.51	10.00		3.38 ⁶	5.48 ⁷	8.30	12.89	6.13 ⁷	8.96	13.62
	24	0.91 ³	1.86 ³	3.63 ⁶	5.56 ⁶	8.55 ⁷	4.33 ⁶	6.58 ⁶	8.55 ⁷		2.58 ⁶	4.45 ⁶	7.08 ⁶	11.32	5.28 ⁶	7.91 ⁶	13.17
12	12	1.21 ³	2.09 ⁶	3.53 ⁶	5.00 ⁶	7.40	4.01 ⁶	5.68 ⁶	7.40		2.74 ⁶	4.43 ⁶	6.44 ⁷	9.65	5.03 ⁶	7.01 ⁷	10.87
	16	0.82 ²	1.62 ³	2.96 ³	4.36 ⁶	6.61 ⁶	3.51 ³	5.15 ⁶	6.61 ⁶		2.24 ³	3.80 ⁶	5.73 ⁶	8.77 ⁷	4.50 ⁶	6.39 ⁶	10.19 ⁷
	24	-	0.83 ²	2.01 ²	3.29 ³	5.27 ⁶	2.68 ²	4.25 ³	5.27 ⁶		1.39 ²	2.73 ³	4.53 ³	7.29 ⁶	3.59 ³	5.34 ³	9.03 ⁶
14	12	0.66 ²	1.28 ²	2.24 ³	3.28 ³	4.94 ⁶	2.67 ³	3.88 ³	4.94 ⁶		1.84 ³	2.96 ³	4.34 ⁶	6.61 ⁶	3.52 ³	4.85 ⁶	7.71 ⁶
	16	0.05 ²	0.83 ²	1.73 ²	2.71 ³	4.24 ⁶	2.22 ²	3.41 ³	4.24 ⁶		1.35 ²	2.37 ³	3.70 ³	5.83 ⁶	3.02 ³	4.29 ³	7.09 ⁶
	24	-	-	0.87 ²	1.76 ²	3.05 ³	1.48 ²	2.62 ²	3.05 ³		0.22 ²	1.38 ²	2.63 ²	4.52 ³	2.18 ²	3.35 ²	6.07 ³
16	12	0.09 ²	0.70 ²	1.37 ²	2.11 ²	3.29 ³	1.75 ²	2.64 ²	3.29 ³		1.12 ²	1.87 ²	2.87 ³	4.51 ⁶	2.37 ²	3.32 ³	5.47 ⁶
	16	-	0.04 ¹	0.92 ²	1.62 ²	2.67 ³	1.35 ²	2.23 ²	2.67 ³		0.66 ²	1.35 ²	2.31 ²	3.83 ³	1.92 ²	2.83 ²	4.93 ³
	24	-	-	-	0.78 ¹	1.63 ²	0.69 ¹	1.53 ¹	1.63 ²		-	0.14 ¹	1.37 ²	2.68 ²	1.18 ¹	2.01 ²	4.03 ²

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20 psf Lateral Load										
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)								
		33 ksi					50 ksi			
		33	43	54	68	97	54	68	97	
8	12		5.22	8.43	11.18	17.96	8.43	11.18	17.96	
	16		5.22	8.43	11.18	17.96	8.43	11.18	17.96	
	24		4.80	8.16	11.18	17.96	8.43	11.18	17.96	
9	12		5.04	8.03	10.61	16.93	8.03	10.61	16.93	
	16		4.79	7.91	10.61	16.93	8.03	10.61	16.93	
	24		4.03 ⁷	6.87	9.79	16.60	7.69	10.61	16.60	
10	12		4.60	7.40	9.94	15.95	7.60	9.94	15.95	
	16		4.12 ⁷	6.76	9.41	15.71	7.44	9.94	15.71	
	24		3.27 ⁶	5.63 ⁶	8.13 ⁷	14.02	6.51 ⁶	9.20 ⁷	14.02	
12	12		3.37 ⁶	5.34 ⁷	7.60	11.87	5.96 ⁷	8.38	11.87	
	16		2.83 ⁶	4.66 ⁶	6.82 ⁶	10.92	5.38 ⁶	7.72 ⁶	10.92	
	24		1.92 ³	3.52 ³	5.49 ⁶	9.31 ⁶	4.41 ³	6.60 ⁶	9.31 ⁶	
14	12		2.32 ³	3.68 ⁶	5.29 ⁶	8.26 ⁷	4.27 ⁶	6.01 ⁶	8.26 ⁷	
	16		1.79 ³	3.05 ³	4.56 ⁶	7.41 ⁶	3.73 ³	5.39 ⁶	7.41 ⁶	
	24		0.89 ²	1.98 ²	3.35 ³	5.98 ³	2.81 ²	4.36 ³	5.98 ³	
16	12		1.51 ²	2.44 ³	3.55 ³	5.73 ⁶	2.97 ³	4.18 ³	5.73 ⁶	
	16		1.00 ²	1.86 ²	2.91 ³	4.99 ³	2.48 ²	3.64 ³	4.99 ³	
	24		-	0.90 ²	1.84 ²	3.73 ²	1.65 ²	2.73 ²	3.73 ²	

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.29	3.30	5.75	7.55		5.75	7.55		2.82	3.85	6.71	8.76	13.07	6.71	8.76	13.07
	16	2.04 ⁷	3.16	5.63	7.55		5.75	7.55		2.55	3.84	6.71	8.76	13.07	6.71	8.76	13.07
	24	1.56 ⁶	2.63 ⁶	4.83	6.85		5.60	7.55		2.04 ⁶	3.29 ⁷	5.98	8.35	13.07	6.71	8.76	13.07
9	12	1.97 ⁷	3.01	5.20	7.07		5.39	7.07		2.44	3.66	6.29	8.22	12.14	6.29	8.22	12.14
	16	1.67 ⁶	2.68 ⁷	4.70	6.58		5.36	7.07		2.12 ⁶	3.31 ⁷	5.78	7.98	12.14	6.29	8.22	12.14
	24	1.13 ³	2.07 ⁶	3.82 ⁶	5.57 ⁷		4.67 ⁶	6.60 ⁷		1.54 ⁶	2.68 ⁶	4.84 ⁶	6.91	11.02	5.74 ⁶	8.01	12.14
10	12	1.63 ⁶	2.57 ⁷	4.36	6.06		4.94	6.57		2.05 ⁶	3.17 ⁷	5.35	7.35	11.19	5.86	7.65	11.19
	16	1.30 ³	2.20 ⁶	3.83 ⁶	5.45 ⁷		4.52 ⁶	6.30 ⁷		1.70 ⁶	2.78 ⁶	4.78 ⁷	6.69	10.42	5.52 ⁷	7.60	11.19
	24	0.72 ²	1.55 ³	2.92 ⁶	4.39 ⁶		3.79 ⁶	5.47 ⁶		1.08 ³	2.08 ³	3.80 ⁶	5.57 ⁶	9.00	4.74 ⁶	6.72 ⁶	10.67
12	12	1.01 ³	1.75 ³	2.90 ⁶	4.15 ⁶		3.50 ⁶	4.88 ⁶		1.34 ³	2.24 ⁶	3.66 ⁶	5.14 ⁷	7.92	4.30 ⁶	5.93 ⁷	9.04
	16	0.66 ²	1.35 ³	2.38 ³	3.54 ⁶		3.07 ³	4.39 ⁶		0.95 ²	1.81 ³	3.09 ⁶	4.49 ⁶	7.10 ⁷	3.83 ⁶	5.40 ⁶	8.41 ⁷
	24	-	0.66 ²	1.49 ²	2.52 ³		2.34 ²	3.56 ³		-	1.06 ²	2.12 ³	3.38 ³	5.73 ⁶	3.05 ³	4.51 ³	7.34 ⁶
14	12	0.52 ²	1.09 ²	1.83 ³	2.73 ³		2.38 ³	3.40 ³		0.76 ²	1.46 ³	2.39 ³	3.47 ⁶	5.42 ⁶	2.99 ³	4.20 ⁶	6.45 ⁶
	16	-	0.69 ²	1.34 ²	2.17 ³		1.98 ²	2.95 ³		0.39 ²	1.04 ²	1.86 ²	2.86 ³	4.68 ⁶	2.55 ²	3.71 ³	5.87 ⁶
	24	-	-	0.27 ²	1.23 ²		1.31 ²	2.19 ²		-	-	0.97 ²	1.85 ²	3.44 ³	1.82 ²	2.89 ²	4.90 ³
16	12	-	0.59 ²	1.08 ²	1.71 ²		1.58 ²	2.31 ²		0.34 ²	0.88 ²	1.49 ²	2.27 ³	3.65 ³	2.03 ²	2.92 ³	4.56 ³
	16	-	-	0.64 ²	1.22 ²		1.22 ²	1.91 ²		-	0.47 ²	1.01 ²	1.73 ²	3.00 ³	1.64 ²	2.48 ²	4.05 ³
	24	-	-	-	0.01 ¹		0.62 ¹	1.24 ¹		-	-	-	0.82 ²	1.90 ²	0.98 ¹	1.75 ²	3.19 ²

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.86	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
	16	2.68	4.05	6.94	9.58	14.87	6.94	9.58	14.87	4.72	7.79	10.79	17.58	7.79	10.79	17.58	
	24	2.18 ⁷	3.53	6.55	9.58	14.87	6.94	9.58	14.87	4.43	7.69	10.79	17.58	7.79	10.79	17.58	
9	12	2.60	3.98	6.72	9.14	13.88	6.72	9.14	13.88	4.59	7.46	10.47	16.66	7.46	10.47	16.66	
	16	2.28 ⁷	3.63	6.48	9.14	13.88	6.72	9.14	13.88	4.47	7.46	10.47	16.66	7.46	10.47	16.66	
	24	1.71 ⁶	2.95 ⁶	5.55 ⁷	8.19	13.25	6.23 ⁷	9.14	13.25	3.79 ⁷	6.58	9.99	16.66	7.36	10.47	16.66	
10	12	2.24 ⁷	3.54	6.11	8.70	12.84	6.38	8.70	12.84	4.34	7.11	10.00	15.47	7.11	10.00	15.47	
	16	1.88 ⁶	3.12 ⁷	5.53	8.02	12.51	6.10	8.70	12.51	3.91 ⁷	6.53	9.75	15.47	7.11	10.00	15.47	
	24	1.24 ³	2.35 ⁶	4.51 ⁶	6.83 ⁷	11.01	5.24 ⁶	7.90 ⁷	11.01	3.13 ⁶	5.48 ⁶	8.51	14.18	6.34 ⁶	9.37	15.47	
12	12	1.53 ³	2.57 ⁶	4.38 ⁶	6.26 ⁷	9.61	4.90 ⁶	7.01 ⁷	9.61	3.29 ⁶	5.30 ⁷	7.85	12.26	5.93 ⁷	8.47	13.02	
	16	1.13 ³	2.09 ³	3.77 ⁶	5.56 ⁶	8.73	4.37 ⁶	6.42 ⁶	8.73	2.78 ⁶	4.64 ⁶	7.07 ⁷	11.30	5.38 ⁶	7.80 ⁷	12.68	
	24	0.16 ²	1.25 ²	2.72 ³	4.37 ³	7.26 ⁶	3.47 ³	5.44 ³	7.26 ⁶	1.90 ³	3.51 ³	5.76 ⁶	9.68 ⁶	4.43 ³	6.66 ⁶	11.38 ⁶	
14	12	0.93 ²	1.71 ³	2.97 ⁶	4.32 ⁶	6.72 ⁷	3.47 ⁶	5.02 ⁶	6.72 ⁷	2.34 ³	3.81 ⁶	5.61 ⁶	8.75	4.45 ⁶	6.21 ⁶	9.85	
	16	0.52 ²	1.22 ²	2.39 ³	3.67 ³	5.92 ⁶	2.96 ³	4.47 ³	5.92 ⁶	1.81 ³	3.15 ³	4.88 ⁶	7.87 ⁶	3.89 ³	5.57 ⁶	9.14 ⁶	
	24	-	0.02 ²	1.41 ²	2.57 ²	4.58 ³	2.11 ²	3.56 ²	4.58 ³	0.91 ²	2.05 ²	3.64 ³	6.39 ⁶	2.95 ²	4.49 ³	7.94 ⁶	
16	12	0.47 ²	1.04 ²	1.91 ³	2.91 ³	4.63 ⁶	2.36 ³	3.54 ³	4.63 ⁶	1.55 ²	2.56 ³	3.88 ³	6.17 ⁶	3.14 ³	4.42 ³	7.15 ⁶	
	16	-	0.57 ²	1.39 ²	2.33 ²	3.92 ³	1.90 ²	3.05 ²	3.92 ³	1.04 ²	1.95 ²	3.22 ³	5.39 ⁶	2.63 ²	3.84 ³	6.51 ⁶	
	24	-	-	0.20 ²	1.34 ²	2.73 ²	1.14 ²	2.23 ²	2.73 ²	-	0.94 ²	2.11 ²	4.07 ³	1.77 ²	2.87 ²	5.45 ³	

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																				
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)																		
		33 ksi					50 ksi													
		33	43	54	68	97	54	68	97											
8	12		5.43	8.87	11.84	19.50	8.87	11.84	19.50											
	16		5.43	8.87	11.84	19.50	8.87	11.84	19.50											
	24		5.32	8.87	11.84	19.50	8.87	11.84	19.50											
9	12		5.28	8.52	11.35	18.54	8.52	11.35	18.54											
	16		5.28	8.52	11.35	18.54	8.52	11.35	18.54											
	24		4.62	7.91	11.23	18.54	8.52	11.35	18.54											
10	12		5.11	8.15	10.53	17.55	8.15	10.53	17.55											
	16		4.71	7.82	10.53	17.55	8.15	10.53	17.55											
	24		3.89 ⁶	6.71 ⁷	9.46	16.96	7.59 ⁷	10.51	16.96											
12	12		4.00 ⁷	6.43	9.07	14.89	7.08	9.84	14.89											
	16		3.45 ⁶	5.71 ⁶	8.24	13.85	6.48 ⁶	9.19	13.85											
	24		2.51 ³	4.49 ⁶	6.82 ⁶	12.10 ⁷	5.45 ⁶	8.01 ⁶	12.10 ⁷											
14	12		2.91 ⁶	4.65 ⁶	6.73 ⁷	10.77	5.30 ⁶	7.54 ⁷	10.77											
	16		2.34 ³	3.94 ⁶	5.91 ⁶	9.81 ⁷	4.70 ⁶	6.85 ⁶	9.81 ⁷											
	24		1.37 ²	2.76 ³	4.53 ³	8.19 ⁶	3.69 ³	5.68 ³	8.19 ⁶											
16	12		2.01 ³	3.28 ³	4.74 ⁶	7.71 ⁶	3.90 ³	5.48 ⁶	7.71 ⁶											
	16		1.45 ²	2.62 ³	3.99 ³	6.85 ⁶	3.33 ³	4.85 ³	6.85 ⁶											
	24		0.14 ²	1.50 ²	2.74 ²	5.42 ³	2.38 ²	3.79 ²	5.42 ³											

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	16	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	24	2.43	3.80	6.80	9.24		6.89	9.24		2.95	4.38	7.87	10.57	16.43	7.93	10.57	16.43
9	12	2.60	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	16	2.52	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	24	2.09 ⁷	3.41	6.36	8.91		6.65	8.91		2.61	4.13	7.43	10.21	15.86	7.68	10.21	15.86
10	12	2.51	3.62	6.39	8.57		6.39	8.57		3.00	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	16	2.24	3.52	6.39	8.57		6.39	8.57		2.76	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	24	1.73 ⁶	2.95 ⁷	5.55	8.02		6.39	8.57		2.22 ⁶	3.64	6.77	9.61	15.26	7.39	9.82	15.26
12	12	1.98 ⁶	3.13	5.51	7.77		5.83	7.82		2.45 ⁷	3.78	6.63	8.98	13.93	6.75	8.98	13.93
	16	1.63 ⁶	2.73 ⁶	4.92 ⁷	7.08		5.69 ⁷	7.82		2.08 ⁶	3.37 ⁷	6.01	8.51	13.93	6.75	8.98	13.93
	24	1.00 ³	2.01 ⁶	3.88 ⁶	5.87 ⁶		4.89 ⁶	7.11 ⁶		1.40 ³	2.61 ⁶	4.90 ⁶	7.23 ⁷	12.50	5.97 ⁶	8.54 ⁷	13.93
14	12	1.43 ⁶	2.41 ⁶	4.17 ⁶	6.01		4.88 ⁶	6.88		1.83 ⁶	2.99 ⁶	5.12 ⁷	7.26	12.00	5.87 ⁷	8.09	12.52
	16	1.03 ³	1.96 ³	3.53 ⁶	5.26 ⁶		4.37 ⁶	6.30 ⁶		1.40 ³	2.51 ⁶	4.43 ⁶	6.46 ⁷	10.98	5.33 ⁶	7.57 ⁷	12.40
	24	0.01 ²	1.16 ²	2.43 ³	3.98 ⁶		3.50 ³	5.29 ⁶		0.55 ²	1.65 ³	3.25 ³	5.09 ⁶	9.24 ⁶	4.39 ³	6.49 ⁶	11.02 ⁶
16	12	0.93 ³	1.75 ³	3.02 ⁶	4.48 ⁶		3.74 ⁶	5.37 ⁶		1.26 ³	2.24 ³	3.79 ⁶	5.51 ⁶	9.28	4.56 ⁶	6.46 ⁶	10.49
	16	0.52 ²	1.27 ²	2.39 ³	3.73 ⁶		3.23 ³	4.77 ⁶		0.81 ²	1.73 ³	3.11 ³	4.71 ⁶	8.27 ⁶	4.01 ³	5.82 ⁶	9.68 ⁶
	24	-	0.08 ²	1.31 ²	2.47 ³		2.35 ²	3.76 ³		-	0.84 ²	1.94 ²	3.36 ³	6.57 ⁶	3.06 ²	4.74 ³	8.30 ⁶

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37	5.20	8.86	12.17	20.76	8.86	12.17	20.76	
	16	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37	5.20	8.86	12.17	20.76	8.86	12.17	20.76	
	24	3.09	4.45	7.81	11.26	18.37	7.81	11.26	18.37	5.20	8.86	12.17	20.76	8.86	12.17	20.76	
9	12	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76	5.13	8.66	11.97	20.25	8.66	11.97	20.25	
	16	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76	5.13	8.66	11.97	20.25	8.66	11.97	20.25	
	24	2.73	4.29	7.67	10.94	17.76	7.67	10.94	17.76	5.13	8.66	11.97	20.25	8.66	11.97	20.25	
10	12	3.05	4.34	7.52	10.61	17.10	7.52	10.61	17.10	5.04	8.44	11.75	19.72	8.44	11.75	19.72	
	16	2.88	4.34	7.52	10.61	17.10	7.52	10.61	17.10	5.04	8.44	11.75	19.72	8.44	11.75	19.72	
	24	2.35 ⁷	3.84	7.23	10.61	17.10	7.52	10.61	17.10	4.77	8.44	11.75	19.72	8.44	11.75	19.72	
12	12	2.60	4.10	7.18	9.91	15.67	7.18	9.91	15.67	4.84	7.94	11.26	18.49	7.94	11.26	18.49	
	16	2.23 ⁶	3.67	6.70	9.81	15.67	7.18	9.91	15.67	4.51	7.76	11.26	18.49	7.94	11.26	18.49	
	24	1.55 ⁶	2.86 ⁶	5.59 ⁶	8.51	14.75	6.43 ⁶	9.69	14.75	3.70 ⁶	6.62 ⁷	10.32	18.36	7.58 ⁷	11.26	18.49	
14	12	2.01 ⁶	3.33 ⁷	5.86	8.60	14.04	6.46	9.20	14.04	4.12 ⁷	6.88	10.31	16.73	7.39	10.48	16.73	
	16	1.58 ³	2.81 ⁶	5.15 ⁶	7.76 ⁷	12.98	5.88 ⁶	8.80 ⁷	12.98	3.58 ⁶	6.14 ⁷	9.43	16.19	6.98 ⁷	10.29	16.73	
	24	0.76 ²	1.87 ³	3.92 ⁶	6.31 ⁶	11.15 ⁷	4.85 ⁶	7.63 ⁶	11.15 ⁷	2.62 ³	4.85 ⁶	7.90 ⁶	14.23	5.93 ⁶	9.00 ⁶	16.04	
16	12	1.45 ³	2.55 ⁶	4.50 ⁶	6.63 ⁷	11.01	5.15 ⁶	7.53 ⁷	11.01	3.28 ⁶	5.43 ⁶	8.25	13.79	6.19 ⁶	9.02	14.91	
	16	0.97 ²	1.98 ³	3.77 ⁶	5.78 ⁶	9.94 ⁷	4.52 ⁶	6.84 ⁶	9.94 ⁷	2.67 ⁶	4.64 ⁶	7.32 ⁶	12.62	5.54 ⁶	8.23 ⁶	14.09	
	24	-	0.98 ²	2.52 ³	4.34 ³	8.13 ⁶	3.46 ³	5.64 ³	8.13 ⁶	1.63 ³	3.30 ³	5.74 ⁶	10.66 ⁶	4.42 ³	6.87 ⁶	12.47 ⁶	

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4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	24		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
	16		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
	24		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
10	12		5.76	9.54	12.91	21.80	9.54	12.91	21.80					
	16		5.76	9.54	12.91	21.80	9.54	12.91	21.80					
	24		5.68	9.54	12.91	21.80	9.54	12.91	21.80					
12	12		5.54	9.02	12.17	20.40	9.02	12.17	20.40					
	16		5.38	9.02	12.17	20.40	9.02	12.17	20.40					
	24		4.53 ⁷	7.96	11.57	20.40	8.92	12.17	20.40					
14	12		4.93	8.18	11.14	18.97	8.44	11.14	18.97					
	16		4.36 ⁷	7.40	10.49	18.97	8.26	11.14	18.97					
	24		3.34 ⁶	6.03 ⁶	8.92 ⁷	17.04	7.14 ⁶	10.26 ⁷	17.04					
16	12		3.99 ⁶	6.58 ⁷	9.47	16.53	7.36 ⁷	10.46	16.53					
	16		3.35 ⁶	5.73 ⁶	8.48 ⁷	15.28	6.66 ⁶	9.64 ⁷	15.28					
	24		2.23 ³	4.28 ³	6.79 ⁶	13.16 ⁶	5.45 ³	8.24 ⁶	13.16 ⁶					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	16	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	24	2.63	3.91	7.04	9.61		7.09	9.61		3.12	4.50	8.10	10.96	17.17	8.14	10.96	17.17
9	12	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	16	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	24	2.32	3.73	6.65	9.32		6.93	9.32		2.84	4.41	7.71	10.65	16.68	7.98	10.65	16.68
10	12	2.62	3.75	6.70	9.01		6.70	9.01		3.07	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	16	2.46	3.75	6.70	9.01		6.70	9.01		3.00	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	24	1.99 ⁷	3.31	6.20	8.97		6.70	9.01		2.50 ⁷	4.02	7.27	10.30	16.14	7.72	10.30	16.14
12	12	2.23 ⁷	3.48	6.20	8.34		6.20	8.34		2.74	4.10	7.15	9.55	14.95	7.15	9.55	14.95
	16	1.90 ⁶	3.11 ⁷	5.66	8.10		6.20	8.34		2.39 ⁷	3.78	6.83	9.55	14.95	7.15	9.55	14.95
	24	1.29 ³	2.42 ⁶	4.63 ⁶	6.91 ⁷		5.63 ⁶	8.12 ⁷		1.73 ⁶	3.06 ⁶	5.75 ⁷	8.38	14.41	6.79 ⁷	9.55	14.95
14	12	1.71 ⁶	2.80 ⁶	4.92 ⁷	7.05		5.62 ⁷	7.61		2.14 ⁶	3.42 ⁷	5.96	8.42	13.66	6.54	8.74	13.66
	16	1.32 ³	2.36 ⁶	4.27 ⁶	6.29 ⁷		5.12 ⁶	7.34 ⁷		1.73 ⁶	2.95 ⁶	5.27 ⁷	7.62	12.93	6.17 ⁷	8.73	13.66
	24	0.50 ²	1.56 ³	3.14 ³	4.97 ⁶		4.24 ³	6.32 ⁶		0.98 ³	2.11 ³	4.07 ⁶	6.22 ⁶	11.14 ⁷	5.23 ⁶	7.65 ⁶	12.96 ⁷
16	12	1.21 ³	2.14 ⁶	3.73 ⁶	5.47 ⁶		4.47 ⁶	6.40 ⁶		1.57 ³	2.68 ⁶	4.60 ⁶	6.63 ⁷	11.17	5.40 ⁶	7.62 ⁷	12.31
	16	0.78 ²	1.65 ³	3.06 ⁶	4.68 ⁶		3.94 ⁶	5.78 ⁶		1.12 ³	2.16 ³	3.88 ⁶	5.79 ⁶	10.09 ⁷	4.83 ⁶	6.96 ⁶	11.60 ⁷
	24	-	0.80 ²	1.91 ³	3.33 ³		3.02 ³	4.71 ³		-	1.25 ²	2.65 ³	4.35 ³	8.26 ⁶	3.84 ³	5.82 ³	10.13 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
9	12	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	24	2.95	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
10	12	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	16	3.09	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	24	2.60	4.19	7.75	11.05	18.02	7.75	11.05	18.02		5.14	8.72	12.11	20.55	8.72	12.11	20.55
12	12	2.84	4.34	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
	16	2.49 ⁷	4.04	7.40	10.41	16.74	7.45	10.41	16.74		4.93	8.28	11.68	19.55	8.28	11.68	19.55
	24	1.84 ⁶	3.29 ⁶	6.35	9.64	16.74	7.15	10.41	16.74		4.17 ⁷	7.46	11.42	19.55	8.28	11.68	19.55
14	12	2.29 ⁶	3.77	6.69	9.75	15.34	7.05	9.75	15.34		4.58	7.72	11.14	18.08	7.79	11.14	18.08
	16	1.86 ⁶	3.26 ⁶	6.00 ⁷	8.93	15.09	6.72 ⁷	9.75	15.09		4.07 ⁷	7.01	10.74	18.08	7.79	11.14	18.08
	24	1.09 ³	2.35 ⁶	4.76 ⁶	7.48 ⁶	13.23	5.71 ⁶	8.80 ⁶	13.23		3.13 ⁶	5.74 ⁶	9.23 ⁷	16.61	6.82 ⁶	10.34 ⁷	18.08
16	12	1.73 ⁶	3.01 ⁶	5.33 ⁷	7.89	13.10	5.99 ⁷	8.82	13.10		3.78 ⁶	6.23	9.57	16.21	6.98	10.29	16.40
	16	1.25 ³	2.44 ⁶	4.57 ⁶	7.00 ⁶	11.97	5.36 ⁶	8.10 ⁶	11.97		3.18 ⁶	5.45 ⁶	8.62 ⁷	14.99	6.35 ⁶	9.56 ⁷	16.40
	24	0.01 ²	1.43 ³	3.27 ³	5.47 ⁶	10.03 ⁶	4.27 ³	6.86 ⁶	10.03 ⁶		2.13 ³	4.09 ⁶	6.99 ⁶	12.91 ⁷	5.24 ⁶	8.18 ⁶	14.83 ⁷

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	24		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	24		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	16		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	24		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
12	12		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	16		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	24		5.04	8.86	12.71	21.46	9.38	12.71	21.46					
14	12		5.43	8.86	11.97	20.13	8.86	11.97	20.13					
	16		4.89	8.35	11.95	20.13	8.86	11.97	20.13					
	24		3.91 ⁶	7.01 ⁷	10.40	19.45	8.10 ⁷	11.74	19.45					
16	12		4.55 ⁷	7.57	10.72	18.82	8.30	11.10	18.82					
	16		3.92 ⁶	6.72 ⁷	9.75	17.90	7.66 ⁷	10.89	17.90					
	24		2.81 ³	5.24 ⁶	8.04 ⁶	15.68	6.45 ⁶	9.51 ⁶	15.68					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	24	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
9	12	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	16	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	24	2.83	4.15	7.42	10.42		7.55	10.42		3.25	4.74	8.46	11.81	18.87	8.61	11.81	18.87
10	12	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	16	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	24	2.57	4.10	7.12	10.21		7.45	10.21		3.08	4.68	8.16	11.58	18.52	8.50	11.58	18.52
12	12	2.75	3.97	7.18	9.76		7.18	9.76		3.18	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	16	2.51	3.97	7.18	9.76		7.18	9.76		3.05	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	24	1.98	3.66	6.44	9.51		7.18	9.76		2.50	4.38	7.48	10.85	17.72	8.22	11.08	17.72
14	12	2.38	3.83	6.80	9.25		6.80	9.25		2.93	4.39	7.80	10.51	16.83	7.80	10.51	16.83
	16	2.03 ⁷	3.61	6.64	9.25		6.80	9.25		2.55	4.30	7.69	10.51	16.83	7.80	10.51	16.83
	24	1.36 ⁶	2.94 ⁶	5.63	8.45		6.68	9.25		1.84 ⁶	3.61 ⁷	6.67	9.96	16.83	7.80	10.51	16.83
16	12	1.95 ⁷	3.43	6.20	8.70		6.39	8.70		2.44 ⁷	4.09	7.33	9.90	15.86	7.33	9.90	15.86
	16	1.52 ⁶	3.00 ⁶	5.56	8.14		6.39	8.70		1.98 ⁶	3.64 ⁷	6.68	9.62	15.86	7.33	9.90	15.86
	24	0.51 ³	2.20 ⁶	4.38 ⁶	6.77 ⁷		5.52 ⁶	8.17 ⁷		1.06 ³	2.80 ⁶	5.43 ⁶	8.18 ⁷	14.68	6.64 ⁶	9.65 ⁷	15.86

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22	5.58	9.69	13.29	23.46	9.69	13.29	23.46	
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22	5.58	9.69	13.29	23.46	9.69	13.29	23.46	
	24	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22	5.58	9.69	13.29	23.46	9.69	13.29	23.46	
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88	5.54	9.58	13.18	23.16	9.58	13.18	23.16	
	16	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88	5.54	9.58	13.18	23.16	9.58	13.18	23.16	
	24	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88	5.54	9.58	13.18	23.16	9.58	13.18	23.16	
10	12	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50	5.49	9.46	13.06	22.83	9.46	13.06	22.83	
	16	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50	5.49	9.46	13.06	22.83	9.46	13.06	22.83	
	24	3.21	4.71	8.35	12.24	20.50	8.35	12.24	20.50	5.49	9.46	13.06	22.83	9.46	13.06	22.83	
12	12	3.25	4.64	8.16	11.79	19.64	8.16	11.79	19.64	5.38	9.18	12.78	22.11	9.18	12.78	22.11	
	16	3.15	4.64	8.16	11.79	19.64	8.16	11.79	19.64	5.38	9.18	12.78	22.11	9.18	12.78	22.11	
	24	2.60	4.45	8.10	11.79	19.64	8.16	11.79	19.64	5.38	8.99	12.78	22.11	9.18	12.78	22.11	
14	12	3.01	4.56	7.94	11.30	18.68	7.94	11.30	18.68	5.26	8.86	12.46	21.33	8.86	12.46	21.33	
	16	2.64	4.46	7.94	11.30	18.68	7.94	11.30	18.68	5.26	8.86	12.46	21.33	8.86	12.46	21.33	
	24	1.93 ⁶	3.72	7.31	11.21	18.68	7.94	11.30	18.68	4.64	8.22	12.46	21.33	8.86	12.46	21.33	
16	12	2.54	4.33	7.69	10.78	17.63	7.69	10.78	17.63	5.12	8.50	12.10	20.53	8.50	12.10	20.53	
	16	2.09 ⁶	3.84	7.27	10.78	17.63	7.69	10.78	17.63	4.70	8.36	12.10	20.53	8.50	12.10	20.53	
	24	1.18 ⁶	2.94 ⁶	6.04 ⁷	9.42	16.97	6.93 ⁷	10.75	16.97	3.78 ⁶	7.10 ⁷	11.19	20.53	8.08 ⁷	12.10	20.53	

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	24		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	16		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	24		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
12	12		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	16		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	24		6.12	10.28	14.11	24.39	10.30	14.11	24.39					
14	12		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	16		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	24		5.53	9.51	13.64	23.43	9.97	13.64	23.43					
16	12		5.83	9.60	13.10	22.41	9.60	13.10	22.41					
	16		5.58	9.60	13.10	22.41	9.60	13.10	22.41					
	24		4.61 ⁷	8.46	12.50	22.41	9.41	13.10	22.41					

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- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	24	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	16	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	24	2.92	4.27	7.71	10.84		7.79	10.84		3.32	4.87	8.75	12.26	19.74	8.86	12.26	19.74
10	12	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	16	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	24	2.81	4.23	7.48	10.68		7.71	10.68		3.30	4.83	8.51	12.03	19.46	8.76	12.08	19.46
12	12	2.84	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	16	2.77	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	24	2.29	4.06	6.92	10.10		7.52	10.32		2.81	4.72	7.95	11.42	18.82	8.56	11.67	18.82
14	12	2.66	4.02	7.25	9.90		7.25	9.90		3.21	4.59	8.29	11.21	18.09	8.29	11.21	18.09
	16	2.34	4.02	7.09	9.90		7.25	9.90		2.88	4.59	8.12	11.21	18.09	8.29	11.21	18.09
	24	1.72 ⁷	3.42	6.27	9.37		7.25	9.90		2.23	4.13	7.30	10.69	18.09	8.29	11.21	18.09
16	12	2.27	3.89	6.91	9.45		6.91	9.45		2.81	4.45	7.91	10.71	17.29	7.91	10.71	17.29
	16	1.87 ⁷	3.49	6.59	9.45		6.91	9.45		2.39	4.18	7.62	10.71	17.29	7.91	10.71	17.29
	24	0.99 ⁶	2.73 ⁶	5.51 ⁷	8.53		6.54 ⁷	9.45		1.54 ⁶	3.39 ⁷	6.54	9.86	17.29	7.76	10.71	17.29

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	24	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
12	12	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	16	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	24	2.93	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.43	13.21	23.15	9.52	13.21	23.15
14	12	3.27	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	16	2.98	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	24	2.33	4.19	7.91	11.93	20.00	8.26	11.93	20.00		5.16	8.80	12.96	22.49	9.26	12.96	22.49
16	12	2.90	4.63	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79
	16	2.48	4.32	8.05	11.50	19.13	8.05	11.50	19.13		5.25	8.97	12.66	21.79	8.97	12.66	21.79
	24	1.67 ⁶	3.48 ⁷	7.16	11.15	19.13	7.87	11.50	19.13		4.40	8.06	12.66	21.79	8.97	12.66	21.79

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

20 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	24		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	16		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	24		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
14	12		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	16		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	24		6.10	10.08	14.26	24.76	10.38	14.26	24.76					
16	12		6.05	10.09	13.84	23.90	10.09	13.84	23.90					
	16		6.05	10.09	13.84	23.90	10.09	13.84	23.90					
	24		5.30	9.35	13.57	23.90	10.09	13.84	23.90					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	24	2.97	4.37	7.86	11.17		7.98	11.17		3.38	4.97	8.89	12.48	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	16	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	24	2.94	4.33	7.63	10.91		7.91	11.04		3.36	4.93	8.65	12.22	20.15	8.97	12.46	20.15
10	12	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	16	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.86	12.31	19.90	8.89	12.31	19.90
	24	2.69	4.29	7.36	10.61		7.83	10.90		3.22	4.89	8.39	11.92	19.90	8.89	12.31	19.90
12	12	2.88	4.21	7.66	10.58		7.66	10.58		3.28	4.80	8.71	11.95	19.33	8.71	11.95	19.33
	16	2.67	4.21	7.42	10.58		7.66	10.58		3.19	4.80	8.44	11.95	19.33	8.71	11.95	19.33
	24	2.11	3.92	6.75	9.92		7.66	10.58		2.62	4.67	7.77	11.24	19.33	8.71	11.95	19.33
14	12	2.57	4.11	7.39	10.21		7.46	10.21		3.11	4.68	8.42	11.54	18.69	8.51	11.54	18.69
	16	2.19	3.94	6.93	10.13		7.46	10.21		2.72	4.67	7.96	11.44	18.69	8.51	11.54	18.69
	24	1.35 ⁷	3.22	6.02	9.11		7.46	10.21		1.92 ⁷	3.94	7.04	10.43	18.69	8.51	11.54	18.69
16	12	2.15	3.82	6.97	9.80		7.16	9.80		2.69	4.53	7.99	11.09	17.97	8.18	11.09	17.97
	16	1.68 ⁷	3.35	6.37	9.51		7.16	9.80		2.20 ⁷	4.05	7.39	10.82	17.97	8.18	11.09	17.97
	24	0.46 ⁶	2.46 ⁶	5.18 ⁷	8.17		6.46 ⁷	9.80		1.02 ⁶	3.14 ⁷	6.19	9.50	17.59	7.71	11.09	17.97

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	24	3.34	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.81	13.61	24.17	9.87	13.61	24.17
12	12	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	16	3.32	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	24	2.75	4.66	8.36	12.50	21.31	8.56	12.60	21.31		5.60	9.19	13.41	23.64	9.67	13.41	23.64
14	12	3.22	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	16	2.83	4.73	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.38	13.19	23.05	9.45	13.19	23.05
	24	2.04	3.96	7.63	11.70	20.62	8.40	12.23	20.62		4.96	8.46	13.19	23.05	9.45	13.19	23.05
16	12	2.78	4.65	8.23	11.84	19.84	8.23	11.84	19.84		5.42	9.19	12.93	22.41	9.19	12.93	22.41
	16	2.29	4.15	7.99	11.84	19.84	8.23	11.84	19.84		5.10	8.81	12.93	22.41	9.19	12.93	22.41
	24	1.15 ⁶	3.18 ⁷	6.80	10.78	19.56	7.71	11.84	19.56		4.13	7.61	12.36	22.41	9.04	12.93	22.41

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	24		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	24		6.35	10.46	14.86	26.06	10.81	14.89	26.06					
14	12		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	16		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	24		5.90	9.72	14.09	25.38	10.58	14.56	25.38					
16	12		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	16		6.04	10.08	14.18	24.61	10.31	14.18	24.61					
	24		5.04	8.87	13.20	24.61	10.31	14.18	24.61					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.83 ⁶	2.84	4.95	6.81		5.31	6.92		2.31 ⁷	3.49	6.06	8.07	11.61	6.23	8.07	11.61
	16	1.51 ⁶	2.48 ⁶	4.42 ⁷	6.20		5.12 ⁷	6.92		1.96 ⁶	3.11 ⁷	5.49	7.60	11.37	6.23	8.07	11.61
	24	0.93 ³	1.84 ⁶	3.48 ⁶	5.13 ⁶		4.38 ⁶	6.22 ⁶		1.34 ³	2.43 ⁶	4.49 ⁶	6.46 ⁷	9.90	5.45 ⁶	7.62 ⁷	11.61
9	12	1.45 ⁶	2.34 ⁶	4.02 ⁷	5.61		4.64 ⁷	6.37		1.86 ⁶	2.93 ⁷	4.99	6.87	10.18	5.66	7.47	10.63
	16	1.09 ³	1.95 ⁶	3.45 ⁶	4.96 ⁷		4.19 ⁶	5.86 ⁷		1.48 ³	2.51 ⁶	4.38 ⁶	6.18 ⁷	9.29	5.18 ⁶	7.15 ⁷	10.63
	24	0.36 ²	1.24 ³	2.48 ³	3.85 ⁶		3.42 ³	4.98 ⁶		0.80 ²	1.76 ³	3.33 ⁶	4.98 ⁶	7.75 ⁷	4.34 ⁶	6.21 ⁶	9.77 ⁷
10	12	1.09 ³	1.87 ⁶	3.18 ⁶	4.52 ⁶		3.82 ⁶	5.30 ⁶		1.44 ³	2.40 ⁶	4.01 ⁶	5.62 ⁷	8.34	4.70 ⁶	6.46 ⁷	9.63
	16	0.71 ²	1.45 ³	2.61 ³	3.87 ⁶		3.36 ³	4.78 ⁶		1.04 ³	1.95 ³	3.40 ⁶	4.91 ⁶	7.44 ⁷	4.21 ⁶	5.89 ⁶	9.05 ⁷
	24	-	0.72 ²	1.64 ²	2.76 ³		2.57 ²	3.89 ³		0.03 ²	1.16 ²	2.35 ³	3.72 ³	5.91 ⁶	3.36 ³	4.94 ³	7.92 ⁶
12	12	0.49 ²	1.07 ²	1.87 ³	2.80 ³		2.47 ³	3.53 ³		0.75 ²	1.47 ³	2.47 ³	3.59 ⁶	5.40 ⁶	3.12 ³	4.39 ⁶	6.70 ⁶
	16	-	0.65 ²	1.34 ²	2.19 ³		2.04 ²	3.04 ³		0.14 ²	1.01 ²	1.89 ²	2.93 ³	4.57 ⁶	2.65 ²	3.86 ³	6.07 ⁶
	24	-	-	0.05 ²	1.17 ²		1.30 ²	2.21 ²		-	-	0.91 ²	1.83 ²	3.18 ³	1.85 ²	2.96 ²	5.02 ³
14	12	-	0.49 ²	0.99 ²	1.61 ²		1.52 ²	2.25 ²		0.07 ²	0.78 ²	1.41 ²	2.17 ³	3.38 ³	1.99 ²	2.88 ³	4.52 ³
	16	-	-	0.51 ²	1.07 ²		1.14 ²	1.82 ²		-	0.13 ²	0.89 ²	1.59 ²	2.65 ³	1.57 ²	2.41 ²	3.97 ³
	24	-	-	-	-		0.48 ¹	1.09 ¹		-	-	-	0.32 ²	1.43 ²	0.85 ¹	1.61 ²	3.04 ²
16	12	-	-	0.43 ¹	0.85 ²		0.90 ¹	1.42 ²		-	0.16 ¹	0.72 ²	1.25 ²	2.07 ²	1.24 ²	1.87 ²	3.07 ²
	16	-	-	-	0.18 ¹		0.56 ¹	1.04 ¹		-	-	-	0.75 ²	1.44 ²	0.86 ¹	1.46 ²	2.59 ²
	24	-	-	-	-		-	0.21 ¹		-	-	-	-	-	-	0.76 ¹	1.78 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.46	3.80	6.60	8.96	13.34	6.60	8.96	13.34		4.53	7.36	10.26	16.14	7.36	10.26	16.14
	16	2.12 ⁶	3.41	6.17	8.88	13.34	6.60	8.96	13.34		4.26	7.23	10.26	16.14	7.36	10.26	16.14
	24	1.50 ⁶	2.68 ⁶	5.18 ⁷	7.73	12.13	5.89 ⁷	8.77	12.13		3.52 ⁶	6.22	9.49	15.66	7.04	10.26	16.14
9	12	2.04 ⁶	3.29 ⁷	5.74	8.20	12.27	6.25	8.49	12.27		4.08	6.75	9.80	14.89	6.99	9.80	14.89
	16	1.65 ⁶	2.83 ⁶	5.12 ⁷	7.47	11.35	5.72 ⁷	8.36	11.35		3.61 ⁷	6.11	9.20	14.58	6.82	9.80	14.89
	24	0.96 ³	2.00 ³	4.04 ⁶	6.22 ⁶	9.72	4.81 ⁶	7.35 ⁶	9.72		2.76 ⁶	4.97 ⁶	7.87 ⁷	12.83	5.89 ⁶	8.77 ⁷	14.89
10	12	1.63 ⁶	2.73 ⁶	4.75 ⁷	6.85	10.20	5.28 ⁷	7.64	10.20		3.48 ⁷	5.62	8.47	13.11	6.25	9.10	13.62
	16	1.21 ³	2.23 ⁶	4.10 ⁶	6.10 ⁶	9.24	4.73 ⁶	7.03 ⁶	9.24		2.96 ⁶	4.94 ⁶	7.66 ⁷	12.07	5.69 ⁶	8.41 ⁷	13.62
	24	0.20 ²	1.36 ³	2.99 ³	4.82 ⁶	7.62 ⁶	3.78 ³	5.97 ⁶	7.62 ⁶		2.05 ³	3.78 ⁶	6.28 ⁶	10.30 ⁷	4.72 ⁶	7.22 ⁶	12.39 ⁷
12	12	0.91 ²	1.73 ³	3.10 ⁶	4.51 ⁶	6.80 ⁷	3.63 ⁶	5.27 ⁶	6.80 ⁷		2.36 ³	3.95 ⁶	5.90 ⁶	8.98	4.62 ⁶	6.54 ⁶	10.35
	16	0.47 ²	1.20 ²	2.46 ³	3.80 ³	5.90 ⁶	3.08 ³	4.68 ³	5.90 ⁶		1.80 ³	3.24 ³	5.10 ⁶	7.99 ⁶	4.02 ³	5.84 ⁶	9.58 ⁶
	24	-	-	1.39 ²	2.60 ²	4.40 ³	2.15 ²	3.68 ²	4.40 ³		0.84 ²	2.04 ²	3.75 ³	6.34 ⁶	3.00 ²	4.66 ³	8.29 ⁶
14	12	0.36 ²	0.94 ²	1.85 ²	2.85 ³	4.40 ⁶	2.33 ²	3.52 ³	4.40 ⁶		1.46 ²	2.51 ³	3.85 ³	6.01 ⁶	3.14 ³	4.42 ³	7.24 ⁶
	16	-	0.21 ²	1.28 ²	2.21 ²	3.62 ³	1.83 ²	2.99 ²	3.62 ³		0.91 ²	1.85 ²	3.14 ³	5.14 ³	2.58 ²	3.80 ³	6.55 ³
	24	-	-	-	1.15 ²	2.29 ²	1.00 ¹	2.11 ²	2.29 ²		-	0.46 ²	1.94 ²	3.67 ²	1.64 ²	2.75 ²	5.40 ²
16	12	-	0.38 ²	1.02 ²	1.73 ²	2.81 ³	1.45 ²	2.32 ²	2.81 ³		0.77 ²	1.47 ²	2.45 ²	3.99 ³	2.03 ²	2.95 ²	5.06 ³
	16	-	-	0.52 ¹	1.18 ²	2.12 ²	1.01 ¹	1.86 ²	2.12 ²		-	0.89 ²	1.82 ²	3.22 ²	1.53 ²	2.40 ²	4.46 ²
	24	-	-	-	-	0.97 ²	-	1.08 ¹	0.97 ²		-	-	0.77 ¹	1.94 ²	0.70 ¹	1.48 ¹	3.45 ²

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.22	8.43	11.18	17.96	8.43	11.18	17.96		
	16		5.11	8.43	11.18	17.96	8.43	11.18	17.96		
	24		4.34 ⁷	7.53	10.74	17.96	8.37	11.18	17.96		
9	12		4.90	8.03	10.61	16.93	8.03	10.61	16.93		
	16		4.40	7.38	10.36	16.93	8.03	10.61	16.93		
	24		3.50 ⁶	6.17 ⁷	8.99	15.55	7.12 ⁷	10.14	15.55		
10	12		4.23 ⁷	6.91	9.58	15.94	7.57	9.94	15.94		
	16		3.68 ⁶	6.17 ⁷	8.74	14.82	6.96 ⁷	9.70	14.82		
	24		2.70 ³	4.89 ⁶	7.29 ⁶	12.92	5.89 ⁶	8.50 ⁶	12.92		
12	12		2.96 ⁶	4.82 ⁶	7.00 ⁷	11.14	5.52 ⁶	7.87 ⁷	11.14		
	16		2.35 ³	4.06 ⁶	6.12 ⁶	10.07 ⁷	4.87 ⁶	7.13 ⁶	10.07 ⁷		
	24		1.32 ²	2.78 ³	4.63 ³	8.28 ⁶	3.78 ³	5.87 ³	8.28 ⁶		
14	12		1.91 ³	3.20 ³	4.74 ⁶	7.61 ⁶	3.86 ³	5.54 ⁶	7.61 ⁶		
	16		1.31 ²	2.48 ³	3.93 ³	6.66 ⁶	3.24 ³	4.85 ³	6.66 ⁶		
	24		-	1.29 ²	2.57 ²	5.06 ³	2.22 ²	3.70 ²	5.06 ³		
16	12		1.12 ²	2.00 ²	3.06 ³	5.16 ⁶	2.59 ²	3.77 ³	5.16 ⁶		
	16		0.56 ²	1.36 ²	2.35 ²	4.33 ³	2.04 ²	3.16 ²	4.33 ³		
	24		-	-	1.16 ²	2.93 ²	1.12 ¹	2.15 ²	2.93 ²		

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.10	3.23	5.74	7.55		5.75	7.55		2.62	3.85	6.71	8.76	13.07	6.71	8.76	13.07
	16	1.80 ⁶	2.89 ⁷	5.22	7.29		5.75	7.55		2.29 ⁷	3.56	6.39	8.76	13.07	6.71	8.76	13.07
	24	1.24 ⁶	2.26 ⁶	4.28 ⁶	6.23		5.18 ⁶	7.32		1.69 ⁶	2.91 ⁶	5.40 ⁷	7.70	12.35	6.35 ⁷	8.76	13.07
9	12	1.75 ⁶	2.76 ⁷	4.82	6.72		5.39	7.07		2.20 ⁶	3.40	5.91	8.13	12.14	6.29	8.22	12.14
	16	1.40 ⁶	2.37 ⁶	4.25 ⁷	6.05		5.00 ⁷	6.97		1.82 ⁶	2.99 ⁶	5.29 ⁷	7.43	11.67	6.10 ⁷	8.22	12.14
	24	0.77 ³	1.66 ³	3.23 ⁶	4.89 ⁶		4.21 ⁶	6.08 ⁶		1.15 ³	2.24 ⁶	4.21 ⁶	6.19 ⁶	10.11	5.25 ⁶	7.45 ⁶	11.94
10	12	1.38 ⁶	2.29 ⁶	3.96 ⁶	5.59		4.62 ⁶	6.41		1.79 ⁶	2.88 ⁶	4.92 ⁷	6.85	10.62	5.63 ⁷	7.65	11.19
	16	1.00 ³	1.86 ⁶	3.35 ⁶	4.90 ⁶		4.14 ⁶	5.87 ⁶		1.38 ³	2.42 ⁶	4.27 ⁶	6.11 ⁷	9.68	5.11 ⁶	7.14 ⁷	11.18
	24	0.04 ²	1.11 ³	2.32 ³	3.70 ⁶		3.31 ³	4.92 ⁶		0.62 ²	1.62 ³	3.15 ³	4.83 ⁶	8.07 ⁶	4.22 ³	6.13 ⁶	9.96 ⁶
12	12	0.74 ²	1.44 ³	2.50 ³	3.69 ⁶		3.17 ³	4.51 ⁶		1.05 ³	1.91 ³	3.22 ⁶	4.64 ⁶	7.29 ⁷	3.95 ⁶	5.53 ⁶	8.56 ⁷
	16	0.14 ²	0.99 ²	1.91 ³	3.00 ³		2.69 ³	3.96 ³		0.61 ²	1.42 ³	2.58 ³	3.90 ⁶	6.38 ⁶	3.42 ³	4.94 ⁶	7.85 ⁶
	24	-	-	0.91 ²	1.85 ²		1.87 ²	3.03 ²		-	0.49 ²	1.49 ²	2.66 ³	4.84 ³	2.53 ²	3.93 ³	6.65 ³
14	12	0.07 ²	0.78 ²	1.46 ²	2.30 ³		2.08 ²	3.06 ³		0.48 ²	1.14 ²	1.98 ³	3.01 ³	4.86 ⁶	2.66 ³	3.83 ³	6.01 ⁶
	16	-	0.10 ²	0.91 ²	1.68 ²		1.63 ²	2.55 ²		-	0.66 ²	1.39 ²	2.33 ²	4.03 ³	2.17 ²	3.28 ²	5.36 ³
	24	-	-	-	0.27 ²		0.88 ¹	1.70 ²		-	-	-	1.19 ²	2.64 ²	1.35 ²	2.36 ²	4.27 ²
16	12	-	0.14 ¹	0.75 ²	1.34 ²		1.30 ²	2.01 ²		-	0.57 ²	1.13 ²	1.85 ²	3.15 ³	1.73 ²	2.59 ²	4.17 ³
	16	-	-	-	0.78 ²		0.90 ¹	1.56 ²		-	-	0.59 ²	1.25 ²	2.42 ²	1.29 ²	2.10 ²	3.60 ²
	24	-	-	-	-		-	0.80 ¹		-	-	-	-	1.20 ²	0.56 ¹	1.27 ¹	2.64 ²

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.74	4.05	6.94	9.58	14.87	6.94	9.58	14.87		4.72	7.79	10.79	17.58	7.79	10.79	17.58
	16	2.43	3.81	6.93	9.58	14.87	6.94	9.58	14.87		4.71	7.79	10.79	17.58	7.79	10.79	17.58
	24	1.84 ⁶	3.13 ⁷	5.99	8.96	14.76	6.68	9.58	14.76		4.03	7.13	10.70	17.58	7.79	10.79	17.58
9	12	2.36 ⁷	3.72	6.61	9.14	13.88	6.72	9.14	13.88		4.56	7.46	10.47	16.66	7.46	10.47	16.66
	16	1.99 ⁶	3.28 ⁷	6.00	8.72	13.88	6.60	9.14	13.88		4.12	7.05	10.47	16.66	7.46	10.47	16.66
	24	1.31 ³	2.48 ⁶	4.91 ⁶	7.46 ⁷	12.30	5.70 ⁶	8.59 ⁷	12.30		3.31 ⁶	5.93 ⁷	9.23	15.78	6.84 ⁷	10.13	16.66
10	12	1.97 ⁶	3.22 ⁷	5.67	8.18	12.71	6.21	8.70	12.71		4.01	6.68	9.92	15.47	7.11	10.00	15.47
	16	1.55 ⁶	2.72 ⁶	5.00 ⁶	7.40	11.72	5.65 ⁶	8.36	11.72		3.50 ⁶	5.98 ⁷	9.10	14.95	6.75 ⁷	9.87	15.47
	24	0.81 ³	1.84 ³	3.84 ⁶	6.05 ⁶	10.02 ⁷	4.67 ⁶	7.26 ⁶	10.02 ⁷		2.60 ⁶	4.77 ⁶	7.68 ⁶	13.11	5.76 ⁶	8.66 ⁶	15.04
12	12	1.23 ³	2.20 ⁶	3.91 ⁶	5.72 ⁶	8.94	4.50 ⁶	6.56 ⁶	8.94		2.91 ⁶	4.80 ⁶	7.26 ⁷	11.53	5.51 ⁶	7.96 ⁷	12.86
	16	0.77 ²	1.65 ³	3.22 ³	4.93 ⁶	7.96 ⁶	3.90 ³	5.91 ⁶	7.96 ⁶		2.32 ³	4.05 ⁶	6.39 ⁶	10.45 ⁷	4.88 ⁶	7.20 ⁶	12.00 ⁷
	24	-	0.58 ²	2.05 ²	3.60 ³	6.31 ⁶	2.89 ²	4.80 ³	6.31 ⁶		1.32 ²	2.78 ³	4.92 ³	8.64 ⁶	3.82 ³	5.93 ³	10.54 ⁶
14	12	0.62 ²	1.34 ²	2.53 ³	3.82 ³	6.11 ⁶	3.08 ³	4.60 ³	6.11 ⁶		1.93 ³	3.31 ³	5.05 ⁶	8.08 ⁶	4.02 ³	5.72 ⁶	9.30 ⁶
	16	-	0.79 ²	1.88 ²	3.09 ³	5.21 ⁶	2.52 ²	3.99 ³	5.21 ⁶		1.34 ²	2.57 ³	4.23 ³	7.09 ⁶	3.39 ³	5.00 ³	8.51 ⁶
	24	-	-	0.78 ²	1.86 ²	3.72 ³	1.57 ²	2.97 ²	3.72 ³		-	1.33 ²	2.85 ²	5.43 ³	2.34 ²	3.80 ²	7.17 ³
16	12	-	0.68 ²	1.51 ²	2.46 ²	4.09 ³	2.01 ²	3.16 ²	4.09 ³		1.16 ²	2.10 ²	3.37 ³	5.57 ⁶	2.75 ²	3.97 ³	6.66 ⁶
	16	-	-	0.93 ²	1.81 ²	3.30 ³	1.50 ²	2.62 ²	3.30 ³		0.58 ²	1.42 ²	2.64 ²	4.69 ³	2.17 ²	3.33 ²	5.96 ³
	24	-	-	-	0.39 ¹	1.97 ²	0.65 ¹	1.70 ¹	1.97 ²		-	-	1.40 ²	3.22 ²	1.21 ¹	2.25 ²	4.77 ²

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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load										
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)								
		33 ksi					50 ksi			
		33	43	54	68	97	54	68	97	
8	12		5.43	8.87	11.84	19.50	8.87	11.84	19.50	
	16		5.43	8.87	11.84	19.50	8.87	11.84	19.50	
	24		4.90	8.51	11.84	19.50	8.87	11.84	19.50	
9	12		5.28	8.52	11.35	18.54	8.52	11.35	18.54	
	16		4.97	8.40	11.35	18.54	8.52	11.35	18.54	
	24		4.11 ⁷	7.23	10.45	18.53	8.15	11.35	18.53	
10	12		4.82	7.98	10.53	17.55	8.15	10.53	17.55	
	16		4.29 ⁷	7.24	10.06	17.55	8.03	10.53	17.55	
	24		3.32 ⁶	5.95 ⁶	8.63 ⁷	15.85	6.97 ⁶	9.84 ⁷	15.85	
12	12		3.59 ⁶	5.88 ⁷	8.43	14.10	6.62 ⁷	9.36	14.10	
	16		2.96 ⁶	5.08 ⁶	7.50 ⁶	12.93	5.94 ⁶	8.57 ⁶	12.93	
	24		1.88 ³	3.70 ³	5.91 ⁶	10.97 ⁶	4.78 ³	7.24 ⁶	10.97 ⁶	
14	12		2.48 ³	4.11 ⁶	6.10 ⁶	10.03 ⁷	4.85 ⁶	7.01 ⁶	10.03 ⁷	
	16		1.83 ³	3.32 ³	5.18 ⁶	8.96 ⁶	4.17 ³	6.24 ⁶	8.96 ⁶	
	24		0.40 ²	1.99 ²	3.64 ³	7.16 ³	3.03 ²	4.93 ³	7.16 ³	
16	12		1.58 ²	2.78 ³	4.17 ³	7.06 ⁶	3.47 ³	5.00 ³	7.06 ⁶	
	16		0.96 ²	2.03 ²	3.34 ³	6.10 ³	2.83 ²	4.30 ³	6.10 ³	
	24		-	0.40 ²	1.93 ²	4.49 ²	1.76 ²	3.11 ²	4.49 ²	

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	16	2.61	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	24	2.18	3.56	6.38	9.24		6.89	9.24		2.68	4.30	7.45	10.57	16.43	7.93	10.57	16.43
9	12	2.58	3.72	6.65	8.91		6.65	8.91		3.05	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	16	2.30	3.65	6.65	8.91		6.65	8.91		2.83	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	24	1.78 ⁶	3.06 ⁷	5.83	8.49		6.65	8.91		2.28 ⁷	3.77	6.91	10.06	15.86	7.68	10.21	15.86
10	12	2.30	3.60	6.39	8.57		6.39	8.57		2.84	4.17	7.39	9.82	15.26	7.39	9.82	15.26
	16	1.98 ⁷	3.23	5.98	8.51		6.39	8.57		2.49 ⁷	3.93	7.22	9.82	15.26	7.39	9.82	15.26
	24	1.37 ⁶	2.55 ⁶	4.94 ⁷	7.32		5.95 ⁷	8.54		1.83 ⁶	3.21 ⁶	6.13	8.88	15.12	7.18	9.82	15.26
12	12	1.72 ⁶	2.83 ⁶	5.06	7.25		5.80	7.82		2.17 ⁶	3.47 ⁷	6.16	8.69	13.93	6.75	8.98	13.93
	16	1.31 ³	2.36 ⁶	4.38 ⁶	6.45 ⁷		5.28 ⁶	7.56 ⁷		1.73 ⁶	2.98 ⁶	5.43 ⁷	7.85	13.29	6.38 ⁷	8.98	13.93
	24	0.27 ²	1.52 ³	3.17 ⁶	5.05 ⁶		4.34 ⁶	6.48 ⁶		0.89 ³	2.09 ³	4.15 ⁶	6.37 ⁶	11.42	5.38 ⁶	7.88 ⁶	13.33
14	12	1.13 ³	2.07 ⁶	3.69 ⁶	5.44 ⁶		4.49 ⁶	6.44 ⁶		1.50 ³	2.62 ⁶	4.60 ⁶	6.65 ⁷	11.22	5.46 ⁶	7.72 ⁷	12.52
	16	0.67 ²	1.54 ³	2.96 ³	4.59 ⁶		3.92 ³	5.77 ⁶		1.01 ³	2.06 ³	3.82 ⁶	5.75 ⁶	10.07 ⁷	4.84 ⁶	7.01 ⁶	11.68 ⁷
	24	-	0.27 ²	1.71 ²	3.13 ³		2.92 ²	4.62 ³		-	1.08 ²	2.48 ³	4.19 ³	8.11 ⁶	3.76 ³	5.78 ³	10.12 ⁶
16	12	0.62 ²	1.38 ³	2.54 ³	3.91 ⁶		3.35 ³	4.91 ⁶		0.92 ²	1.85 ³	3.27 ³	4.90 ⁶	8.51 ⁷	4.14 ³	5.98 ⁶	9.87 ⁷
	16	-	0.84 ²	1.82 ²	3.07 ³		2.77 ²	4.24 ³		0.12 ²	1.26 ²	2.50 ³	4.00 ³	7.37 ⁶	3.51 ³	5.26 ³	8.96 ⁶
	24	-	-	0.07 ²	1.66 ²		1.78 ²	3.10 ²		-	-	1.19 ²	2.48 ²	5.47 ³	2.45 ²	4.03 ²	7.42 ³

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	16	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	24	2.83	4.40	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
9	12	3.10	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	16	2.95	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	24	2.41 ⁷	3.92	7.48	10.94	17.76	7.67	10.94	17.76		4.89	8.48	11.97	20.25	8.66	11.97	20.25
10	12	2.95	4.34	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
	16	2.61	4.14	7.52	10.61	17.10	7.52	10.61	17.10		5.04	8.44	11.75	19.72	8.44	11.75	19.72
	24	1.97 ⁶	3.40 ⁷	6.62	10.12	17.10	7.40	10.61	17.10		4.33	7.82	11.75	19.72	8.44	11.75	19.72
12	12	2.32 ⁶	3.77	6.85	9.91	15.67	7.18	9.91	15.67		4.62	7.91	11.26	18.49	7.94	11.26	18.49
	16	1.88 ⁶	3.25 ⁶	6.13 ⁷	9.14	15.56	6.87 ⁷	9.91	15.56		4.10 ⁷	7.17	10.96	18.49	7.94	11.26	18.49
	24	1.09 ³	2.31 ⁶	4.83 ⁶	7.63 ⁶	13.62	5.81 ⁶	9.00 ⁶	13.62		3.13 ⁶	5.85 ⁶	9.41 ⁷	17.17	6.96 ⁶	10.53 ⁷	18.49
14	12	1.68 ⁶	2.93 ⁶	5.32 ⁷	7.96	13.24	6.02 ⁷	8.96	13.24		3.71 ⁶	6.32 ⁷	9.64	16.46	7.12 ⁷	10.47	16.73
	16	1.17 ³	2.32 ⁶	4.51 ⁶	7.00 ⁶	12.03	5.34 ⁶	8.19 ⁶	12.03		3.08 ⁶	5.47 ⁶	8.64 ⁷	15.17	6.44 ⁶	9.62 ⁷	16.73
	24	-	1.24 ³	3.11 ³	5.36 ⁶	9.96 ⁶	4.16 ³	6.85 ⁶	9.96 ⁶		1.96 ³	3.99 ³	6.89 ⁶	12.94 ⁷	5.23 ³	8.15 ⁶	15.00 ⁷
16	12	1.09 ³	2.11 ³	3.94 ⁶	5.98 ⁶	10.19 ⁷	4.67 ⁶	7.00 ⁶	10.19 ⁷		2.82 ⁶	4.83 ⁶	7.54 ⁶	12.90	5.69 ⁶	8.42 ⁶	14.32
	16	0.40 ²	1.46 ³	3.11 ³	5.02 ⁶	8.99 ⁶	3.97 ³	6.21 ⁶	8.99 ⁶		2.13 ³	3.94 ³	6.49 ⁶	11.59 ⁷	4.96 ³	7.52 ⁶	13.24 ⁷
	24	-	-	1.71 ²	3.40 ³	6.96 ³	2.76 ²	4.87 ³	6.96 ³		0.78 ²	2.42 ²	4.71 ³	9.39 ⁶	3.69 ²	5.99 ³	11.42 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load										
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)								
		33 ksi					50 ksi			
		33	43	54	68	97	54	68	97	
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08	
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08	
	24		5.95	9.98	13.55	23.08	9.98	13.55	23.08	
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46	
	16		5.86	9.77	13.25	22.46	9.77	13.25	22.46	
	24		5.82	9.77	13.25	22.46	9.77	13.25	22.46	
10	12		5.76	9.54	12.91	21.80	9.54	12.91	21.80	
	16		5.76	9.54	12.91	21.80	9.54	12.91	21.80	
	24		5.23	9.22	12.91	21.80	9.54	12.91	21.80	
12	12		5.50	9.02	12.17	20.40	9.02	12.17	20.40	
	16		4.95	8.54	12.17	20.40	9.02	12.17	20.40	
	24		3.94 ⁶	7.15 ⁷	10.64	19.95	8.28 ⁷	12.01	19.95	
14	12		4.50 ⁷	7.59	10.70	18.97	8.41	11.14	18.97	
	16		3.84 ⁶	6.69 ⁷	9.68	18.02	7.68 ⁷	10.87	18.02	
	24		2.65 ³	5.11 ⁶	7.88 ⁶	15.68 ⁷	6.39 ⁶	9.42 ⁶	15.68 ⁷	
16	12		3.51 ⁶	5.93 ⁶	8.72 ⁷	15.57	6.83 ⁶	9.84 ⁷	15.57	
	16		2.77 ³	4.98 ⁶	7.60 ⁶	14.16 ⁷	6.03 ⁶	8.91 ⁶	14.16 ⁷	
	24		1.50 ²	3.34 ³	5.69 ³	11.78 ⁶	4.66 ³	7.32 ³	11.78 ⁶	

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	16	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	24	2.40	3.86	6.67	9.61		7.09	9.61		2.91	4.50	7.73	10.96	17.17	8.14	10.96	17.17
9	12	2.67	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	16	2.52	3.84	6.93	9.32		6.93	9.32		3.04	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	24	2.04 ⁷	3.41	6.17	9.10		6.93	9.32		2.54	4.14	7.24	10.47	16.68	7.98	10.65	16.68
10	12	2.52	3.75	6.70	9.01		6.70	9.01		3.06	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	16	2.22	3.57	6.59	9.01		6.70	9.01		2.75	4.29	7.65	10.30	16.14	7.72	10.30	16.14
	24	1.65 ⁶	2.93 ⁷	5.62	8.31		6.63	9.01		2.14 ⁶	3.63	6.70	9.87	16.14	7.72	10.30	16.14
12	12	1.98 ⁶	3.20	5.80	8.26		6.20	8.34		2.47 ⁷	3.87	6.97	9.55	14.95	7.15	9.55	14.95
	16	1.59 ⁶	2.76 ⁶	5.13 ⁷	7.49		6.00 ⁷	8.34		2.05 ⁶	3.41 ⁷	6.27	8.99	14.95	7.15	9.55	14.95
	24	0.80 ³	1.94 ⁶	3.93 ⁶	6.10 ⁶		5.09 ⁶	7.52 ⁶		1.28 ³	2.56 ⁶	5.01 ⁶	7.53 ⁷	13.33	6.22 ⁶	9.02 ⁷	14.95
14	12	1.42 ⁶	2.47 ⁶	4.43 ⁶	6.47 ⁷		5.24 ⁶	7.48 ⁷		1.83 ⁶	3.07 ⁶	5.44 ⁷	7.81	13.17	6.30 ⁷	8.74	13.66
	16	0.96 ³	1.94 ³	3.69 ⁶	5.61 ⁶		4.66 ⁶	6.81 ⁶		1.34 ³	2.52 ⁶	4.65 ⁶	6.89 ⁷	11.99	5.68 ⁶	8.17 ⁷	13.63
	24	-	1.02 ²	2.39 ³	4.09 ³		3.64 ³	5.64 ³		0.07 ²	1.53 ³	3.26 ³	5.29 ⁶	9.95 ⁶	4.59 ³	6.93 ⁶	12.04 ⁶
16	12	0.89 ³	1.77 ³	3.22 ⁶	4.87 ⁶		4.07 ⁶	5.92 ⁶		1.23 ³	2.29 ³	4.05 ⁶	5.99 ⁶	10.35	4.96 ⁶	7.12 ⁶	11.80
	16	0.12 ²	1.21 ²	2.46 ³	3.97 ³		3.46 ³	5.22 ³		0.70 ²	1.69 ³	3.24 ³	5.04 ⁶	9.13 ⁶	4.31 ³	6.37 ⁶	10.83 ⁶
	24	-	-	1.08 ²	2.45 ²		2.41 ²	4.01 ²		-	0.23 ²	1.84 ²	3.41 ³	7.07 ⁶	3.18 ²	5.07 ³	9.18 ⁶

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	3.03	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
9	12	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	3.15	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	24	2.65	4.26	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.79	12.30	21.03	8.91	12.30	21.03
10	12	3.12	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	16	2.84	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	24	2.24 ⁷	3.79	7.30	11.05	18.02	7.75	11.05	18.02		4.74	8.28	12.11	20.55	8.72	12.11	20.55
12	12	2.58	4.14	7.45	10.41	16.74	7.45	10.41	16.74		4.99	8.28	11.68	19.55	8.28	11.68	19.55
	16	2.16 ⁶	3.66 ⁷	6.86	10.24	16.74	7.45	10.41	16.74		4.54	7.98	11.68	19.55	8.28	11.68	19.55
	24	1.39 ⁶	2.76 ⁶	5.62 ⁶	8.79	15.68	6.57 ⁶	10.11	15.68		3.63 ⁶	6.72 ⁷	10.56	19.37	7.79 ⁷	11.64	19.55
14	12	1.96 ⁶	3.39 ⁶	6.16	9.13	15.34	6.86	9.75	15.34		4.19 ⁷	7.19	10.95	18.08	7.79	11.14	18.08
	16	1.46 ³	2.79 ⁶	5.36 ⁶	8.18 ⁷	14.12	6.20 ⁶	9.35 ⁷	14.12		3.59 ⁶	6.35 ⁷	9.96	17.56	7.31 ⁷	10.94	18.08
	24	0.17 ²	1.72 ³	3.93 ⁶	6.51 ⁶	12.00 ⁷	5.02 ⁶	8.03 ⁶	12.00 ⁷		2.49 ³	4.87 ⁶	8.21 ⁶	15.30	6.13 ⁶	9.49 ⁶	17.39
16	12	1.37 ³	2.58 ⁶	4.76 ⁶	7.21 ⁷	12.24	5.51 ⁶	8.27 ⁷	12.24		3.33 ⁶	5.64 ⁶	8.85	15.28	6.50 ⁶	9.75	16.40
	16	0.81 ²	1.91 ³	3.89 ⁶	6.20 ⁶	10.96 ⁷	4.79 ⁶	7.45 ⁶	10.96 ⁷		2.64 ³	4.74 ⁶	7.77 ⁶	13.90	5.77 ⁶	8.84 ⁶	15.64
	24	-	0.31 ²	2.42 ³	4.47 ³	8.78 ⁶	3.54 ³	6.04 ³	8.78 ⁶		1.43 ²	3.19 ³	5.91 ⁶	11.55 ⁶	4.50 ³	7.26 ⁶	13.72 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	24		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	24		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	16		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	24		5.67	9.58	13.36	22.73	9.83	13.36	22.73					
12	12		5.71	9.38	12.71	21.46	9.38	12.71	21.46					
	16		5.43	9.38	12.71	21.46	9.38	12.71	21.46					
	24		4.48 ⁷	8.08	11.91	21.46	9.16	12.71	21.46					
14	12		5.02	8.53	11.97	20.13	8.86	11.97	20.13					
	16		4.39 ⁷	7.66	11.15	20.13	8.62	11.97	20.13					
	24		3.24 ⁶	6.10 ⁶	9.35 ⁷	18.10	7.37 ⁶	10.90 ⁷	18.10					
16	12		4.08 ⁶	6.92 ⁷	9.98	18.21	7.82 ⁷	11.08	18.21					
	16		3.35 ⁶	5.95 ⁶	8.86 ⁷	16.74	7.03 ⁶	10.18 ⁷	16.74					
	24		2.06 ³	4.27 ³	6.91 ⁶	14.23 ⁶	5.64 ³	8.59 ⁶	14.23 ⁶					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	24	2.87	4.20	7.43	10.60		7.65	10.60		3.28	4.80	8.47	11.94	19.20	8.71	12.01	19.20
9	12	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	16	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	24	2.60	4.15	7.10	10.25		7.55	10.42		3.12	4.74	8.14	11.58	18.87	8.61	11.81	18.87
10	12	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	16	2.76	4.10	7.38	10.21		7.45	10.21		3.22	4.68	8.42	11.58	18.52	8.50	11.58	18.52
	24	2.28	4.04	6.73	9.84		7.45	10.21		2.79	4.68	7.77	11.17	18.52	8.50	11.58	18.52
12	12	2.58	3.97	7.18	9.76		7.18	9.76		3.12	4.55	8.22	11.08	17.72	8.22	11.08	17.72
	16	2.25	3.92	6.81	9.76		7.18	9.76		2.77	4.55	7.85	11.08	17.72	8.22	11.08	17.72
	24	1.60 ⁶	3.28	5.88	8.89		7.18	9.76		2.10 ⁷	3.98	6.92	10.23	17.72	8.22	11.08	17.72
14	12	2.12	3.70	6.77	9.25		6.80	9.25		2.64	4.39	7.80	10.51	16.83	7.80	10.51	16.83
	16	1.69 ⁶	3.27 ⁷	6.14	9.02		6.80	9.25		2.19 ⁷	3.95	7.18	10.51	16.83	7.80	10.51	16.83
	24	0.67 ⁶	2.46 ⁶	4.87 ⁶	7.62		6.16 ⁶	9.05		1.22 ⁶	3.11 ⁶	5.91 ⁷	9.12	16.33	7.36 ⁷	10.51	16.83
16	12	1.62 ⁶	3.10 ⁷	5.71	8.33		6.39	8.70		2.09 ⁶	3.75 ⁷	6.84	9.82	15.86	7.33	9.90	15.86
	16	1.11 ⁶	2.59 ⁶	4.95 ⁶	7.43		5.95 ⁶	8.66		1.55 ⁶	3.21 ⁶	6.04 ⁷	8.88	15.57	7.09 ⁷	9.90	15.86
	24	-	1.64 ³	3.57 ⁶	5.82 ⁶		4.91 ⁶	7.47 ⁶		0.10 ³	2.21 ³	4.58 ⁶	7.19 ⁶	13.41	5.99 ⁶	8.92 ⁶	15.62

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	24	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	16	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	24	3.24	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
10	12	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	16	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	24	2.92	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.27	13.06	22.83	9.46	13.06	22.83
12	12	3.22	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	16	2.87	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	24	2.20	4.04	7.55	11.53	19.64	8.16	11.79	19.64		5.01	8.45	12.78	22.11	9.18	12.78	22.11
14	12	2.73	4.55	7.94	11.30	18.68	7.94	11.30	18.68		5.26	8.86	12.46	21.33	8.86	12.46	21.33
	16	2.28 ⁷	4.09	7.80	11.30	18.68	7.94	11.30	18.68		5.00	8.70	12.46	21.33	8.86	12.46	21.33
	24	1.34 ⁶	3.20 ⁶	6.57	10.37	18.68	7.47	11.30	18.68		4.10 ⁷	7.49	12.04	21.33	8.73	12.46	21.33
16	12	2.20 ⁷	3.96	7.43	10.78	17.63	7.69	10.78	17.63		4.82	8.50	12.10	20.53	8.50	12.10	20.53
	16	1.66 ⁶	3.38 ⁶	6.64	10.12	17.63	7.41	10.78	17.63		4.23 ⁷	7.72	11.90	20.53	8.50	12.10	20.53
	24	0.20 ³	2.30 ⁶	5.19 ⁶	8.42 ⁷	15.68	6.23 ⁶	9.99 ⁷	15.68		3.13 ⁶	6.23 ⁶	10.17 ⁷	19.37	7.38 ⁶	11.50 ⁷	20.53

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	24		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	16		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	24		6.24	10.56	14.53	25.25	10.59	14.53	25.25					
12	12		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	16		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	24		5.94	9.75	13.96	24.39	10.30	14.11	24.39					
14	12		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	16		5.91	9.97	13.64	23.43	9.97	13.64	23.43					
	24		4.97	8.78	12.92	23.43	9.97	13.64	23.43					
16	12		5.70	9.60	13.10	22.41	9.60	13.10	22.41					
	16		5.08	9.10	13.10	22.41	9.60	13.10	22.41					
	24		3.93 ⁶	7.55 ⁷	11.46	22.14	8.68 ⁷	13.03	22.14					

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- 2 Deflection exceeds L/240
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- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	24	2.94	4.31	7.73	10.99		7.87	10.99		3.35	4.92	8.76	12.31	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	16	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	24	2.83	4.27	7.46	10.70		7.79	10.84		3.32	4.87	8.49	12.01	19.74	8.86	12.26	19.74
10	12	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	16	2.89	4.23	7.68	10.68		7.71	10.68		3.30	4.83	8.72	12.08	19.46	8.76	12.08	19.46
	24	2.55	4.23	7.16	10.36		7.71	10.68		3.08	4.83	8.19	11.68	19.46	8.76	12.08	19.46
12	12	2.83	4.13	7.52	10.32		7.52	10.32		3.25	4.72	8.56	11.67	18.82	8.56	11.67	18.82
	16	2.53	4.13	7.22	10.32		7.52	10.32		3.05	4.72	8.25	11.67	18.82	8.56	11.67	18.82
	24	1.94	3.71	6.47	9.59		7.52	10.32		2.45	4.45	7.50	10.92	18.82	8.56	11.67	18.82
14	12	2.42	4.02	7.19	9.90		7.25	9.90		2.96	4.59	8.22	11.21	18.09	8.29	11.21	18.09
	16	2.02	3.72	6.68	9.83		7.25	9.90		2.55	4.44	7.71	11.15	18.09	8.29	11.21	18.09
	24	1.13 ⁶	2.97 ⁷	5.65	8.68		7.09	9.90		1.69 ⁶	3.67	6.68	10.01	18.09	8.29	11.21	18.09
16	12	1.97 ⁷	3.59	6.72	9.45		6.91	9.45		2.49	4.28	7.75	10.71	17.29	7.91	10.71	17.29
	16	1.48 ⁶	3.10 ⁷	6.05	9.13		6.91	9.45		1.98 ⁶	3.78	7.08	10.45	17.29	7.91	10.71	17.29
	24	0.14 ³	2.18 ⁶	4.71 ⁶	7.63 ⁷		5.95 ⁶	9.17 ⁷		0.72 ⁶	2.83 ⁶	5.73 ⁷	8.97	16.63	7.15 ⁷	10.71	17.29

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25 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	24	3.20	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.66	13.43	23.74	9.74	13.43	23.74
12	12	3.33	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	16	3.17	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	24	2.57	4.46	8.11	12.19	20.78	8.43	12.34	20.78		5.48	8.99	13.21	23.15	9.52	13.21	23.15
14	12	3.06	4.70	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	16	2.65	4.52	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.19	12.96	22.49	9.26	12.96	22.49
	24	1.81 ⁷	3.71	7.30	11.30	20.00	8.26	11.93	20.00		4.68	8.20	12.88	22.49	9.26	12.96	22.49
16	12	2.59	4.43	8.05	11.50	19.13	8.05	11.50	19.13		5.32	8.97	12.66	21.79	8.97	12.66	21.79
	16	2.08 ⁷	3.89	7.69	11.50	19.13	8.05	11.50	19.13		4.82	8.58	12.66	21.79	8.97	12.66	21.79
	24	0.85 ⁶	2.88 ⁶	6.37 ⁷	10.27	18.87	7.23 ⁷	11.50	18.87		3.79 ⁷	7.28	11.87	21.79	8.50	12.66	21.79

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

25 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	24		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	16		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	24		6.28	10.28	14.57	25.54	10.65	14.64	25.54					
14	12		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	16		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	24		5.60	9.48	13.72	24.76	10.38	14.26	24.76					
16	12		6.05	10.09	13.84	23.90	10.09	13.84	23.90					
	16		5.73	9.87	13.84	23.90	10.09	13.84	23.90					
	24		4.67	8.56	12.73	23.90	9.88	13.84	23.90					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	24	2.97	4.37	7.69	10.97		7.98	11.17		3.38	4.97	8.71	12.28	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	16	2.95	4.33	7.85	11.04		7.91	11.04		3.36	4.93	8.88	12.46	20.15	8.97	12.46	20.15
	24	2.75	4.33	7.40	10.65		7.91	11.04		3.28	4.93	8.43	11.97	20.15	8.97	12.46	20.15
10	12	2.93	4.29	7.83	10.90		7.83	10.90		3.33	4.89	8.89	12.31	19.90	8.89	12.31	19.90
	16	2.92	4.29	7.64	10.90		7.83	10.90		3.33	4.89	8.67	12.23	19.90	8.89	12.31	19.90
	24	2.45	4.29	7.08	10.30		7.83	10.90		2.98	4.89	8.11	11.61	19.90	8.89	12.31	19.90
12	12	2.78	4.21	7.55	10.58		7.66	10.58		3.28	4.80	8.58	11.95	19.33	8.71	11.95	19.33
	16	2.44	4.21	7.15	10.37		7.66	10.58		2.96	4.80	8.17	11.69	19.33	8.71	11.95	19.33
	24	1.70	3.60	6.34	9.47		7.66	10.58		2.26	4.34	7.36	10.79	19.13	8.71	11.95	19.33
14	12	2.34	4.08	7.11	10.21		7.46	10.21		2.87	4.68	8.14	11.54	18.69	8.51	11.54	18.69
	16	1.90	3.64	6.57	9.72		7.46	10.21		2.42	4.38	7.59	11.04	18.69	8.51	11.54	18.69
	24	0.77 ⁶	2.79 ⁷	5.47	8.50		7.08	10.21		1.33 ⁶	3.51	6.48	9.82	17.97	8.40	11.54	18.69
16	12	1.86 ⁷	3.54	6.61	9.77		7.16	9.80		2.39	4.24	7.63	11.09	17.97	8.18	11.09	17.97
	16	1.22 ⁶	2.99 ⁷	5.89	8.97		7.03	9.80		1.78 ⁶	3.68	6.91	10.29	17.97	8.18	11.09	17.97
	24	-	1.92 ⁶	4.46 ⁶	7.37 ⁷		5.91 ⁶	9.46 ⁷		0.23 ⁶	2.61 ⁶	5.47 ⁷	8.70	16.64	7.14 ⁷	11.06	17.97

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.40	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.85	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	24	3.10	4.86	8.69	12.87	21.92	8.70	12.92	21.92		5.67	9.53	13.61	24.17	9.87	13.61	24.17
12	12	3.38	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	16	3.09	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.60	13.41	23.64	9.67	13.41	23.64
	24	2.38	4.33	7.96	12.06	21.06	8.56	12.60	21.06		5.36	8.78	13.41	23.64	9.67	13.41	23.64
14	12	2.98	4.76	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.45	13.19	23.05	9.45	13.19	23.05
	16	2.53	4.42	8.18	12.23	20.62	8.40	12.23	20.62		5.42	9.01	13.19	23.05	9.45	13.19	23.05
	24	1.46 ⁷	3.52	7.09	11.10	19.93	8.25	12.23	19.93		4.51	7.91	12.67	23.05	9.45	13.19	23.05
16	12	2.48	4.35	8.22	11.84	19.84	8.23	11.84	19.84		5.30	9.06	12.93	22.41	9.19	12.93	22.41
	16	1.91 ⁷	3.75	7.51	11.56	19.84	8.23	11.84	19.84		4.71	8.33	12.93	22.41	9.19	12.93	22.41
	24	0.35 ⁶	2.56 ⁶	6.08 ⁷	9.99	18.63	7.12 ⁷	11.84	18.63		3.57 ⁷	6.89	11.59	21.87	8.45	12.93	22.41

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	24		6.43	10.80	15.18	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	24		6.33	10.05	14.44	26.06	10.81	14.89	26.06					
14	12		6.26	10.58	14.56	25.38	10.58	14.56	25.38					
	16		6.26	10.28	14.56	25.38	10.58	14.56	25.38					
	24		5.44	9.17	13.51	25.38	10.58	14.56	25.38					
16	12		6.15	10.31	14.18	24.61	10.31	14.18	24.61					
	16		5.63	9.60	13.96	24.61	10.31	14.18	24.61					
	24		4.46	8.14	12.44	24.61	9.85	14.18	24.61					

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.64 ⁶	2.62 ⁷	4.63 ⁶	6.44		5.28	6.92		2.10 ⁶	3.26	5.71	7.85	11.61	6.23	8.07	11.61
	16	1.27 ⁶	2.21 ⁶	4.03 ⁶	5.75 ⁷		4.81 ⁶	6.70 ⁷		1.70 ⁶	2.83 ⁶	5.07 ⁷	7.12	10.75	5.91 ⁷	8.07	11.61
	24	0.55 ³	1.48 ³	2.98 ⁶	4.55 ⁶		3.99 ⁶	5.78 ⁶		0.99 ³	2.05 ⁶	3.95 ⁶	5.85 ⁶	9.10	5.03 ⁶	7.15 ⁶	11.26
9	12	1.23 ³	2.10 ⁶	3.67 ⁶	5.21 ⁷		4.37 ⁶	6.06 ⁷		1.63 ⁶	2.68 ⁶	4.62 ⁷	6.45	9.63	5.36 ⁷	7.36	10.63
	16	0.83 ³	1.65 ³	3.04 ⁶	4.49 ⁶		3.87 ⁶	5.49 ⁶		1.20 ³	2.20 ⁶	3.94 ⁶	5.68 ⁶	8.64	4.82 ⁶	6.75 ⁶	10.42
	24	-	0.87 ²	1.96 ³	3.26 ³		3.00 ³	4.52 ³		0.13 ²	1.36 ³	2.77 ³	4.35 ⁶	6.94 ⁶	3.89 ³	5.70 ⁶	9.17 ⁶
10	12	0.86 ³	1.61 ³	2.83 ⁶	4.12 ⁶		3.54 ⁶	4.98 ⁶		1.20 ³	2.12 ⁶	3.64 ⁶	5.18 ⁶	7.78	4.40 ⁶	6.11 ⁶	9.31
	16	0.41 ²	1.14 ³	2.20 ³	3.40 ⁶		3.03 ³	4.40 ⁶		0.75 ²	1.62 ³	2.96 ³	4.41 ⁶	6.79 ⁶	3.85 ³	5.49 ⁶	8.58 ⁶
	24	-	-	1.14 ²	2.18 ³		2.16 ²	3.42 ³		-	0.75 ²	1.80 ²	3.09 ³	5.11 ⁶	2.91 ²	4.43 ³	7.32 ⁶
12	12	0.06 ²	0.81 ²	1.54 ²	2.42 ³		2.20 ²	3.23 ³		0.50 ²	1.19 ²	2.11 ³	3.19 ³	4.89 ⁶	2.83 ³	4.06 ³	6.31 ⁶
	16	-	0.08 ²	0.96 ²	1.76 ²		1.72 ²	2.69 ²		-	0.68 ²	1.47 ²	2.46 ³	3.98 ³	2.31 ²	3.47 ³	5.62 ³
	24	-	-	-	0.23 ²		0.92 ¹	1.78 ²		-	-	-	1.25 ²	2.45 ²	1.43 ²	2.49 ²	4.47 ²
14	12	-	0.01 ¹	0.69 ²	1.28 ²		1.28 ²	1.98 ²		-	0.52 ²	1.09 ²	1.82 ²	2.93 ³	1.73 ²	2.59 ²	4.18 ³
	16	-	-	-	0.70 ²		0.86 ¹	1.51 ²		-	-	0.52 ²	1.18 ²	2.13 ²	1.26 ²	2.07 ²	3.57 ²
	24	-	-	-	-		-	0.72 ¹		-	-	-	-	0.34 ²	0.23 ¹	1.20 ¹	2.56 ²
16	12	-	-	-	0.57 ¹		0.69 ¹	1.18 ¹		-	-	0.44 ¹	0.94 ²	1.68 ²	1.01 ¹	1.62 ²	2.77 ²
	16	-	-	-	-		0.14 ¹	0.77 ¹		-	-	-	0.06 ¹	0.98 ²	0.59 ¹	1.16 ¹	2.24 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	0.10 ¹	1.36 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.25 ⁷	3.56	6.38	8.96	13.34	6.60	8.96	13.34		4.41	7.36	10.26	16.14	7.36	10.26	16.14
	16	1.86 ⁶	3.11 ⁷	5.76	8.40	13.02	6.37	8.96	13.02		3.95	6.81	10.18	16.14	7.36	10.26	16.14
	24	1.15 ³	2.28 ⁶	4.64 ⁶	7.10 ⁷	11.31	5.43 ⁶	8.27 ⁷	11.31		3.11 ⁶	5.65 ⁷	8.85	14.78	6.60 ⁷	9.76	16.14
9	12	1.80 ⁶	3.01 ⁶	5.36	7.75	11.71	5.93	8.49	11.71		3.79 ⁷	6.36	9.49	14.89	6.99	9.80	14.89
	16	1.37 ³	2.48 ⁶	4.66 ⁶	6.94 ⁷	10.66	5.34 ⁶	7.94 ⁷	10.66		3.26 ⁶	5.63 ⁷	8.64	13.85	6.43 ⁷	9.43	14.89
	24	0.42 ²	1.56 ³	3.46 ⁶	5.55 ⁶	8.86 ⁷	4.31 ⁶	6.80 ⁶	8.86 ⁷		2.30 ³	4.36 ⁶	7.16 ⁶	11.90	5.39 ⁶	8.17 ⁶	14.19
10	12	1.38 ³	2.42 ⁶	4.35 ⁶	6.39 ⁷	9.61	4.94 ⁶	7.26 ⁷	9.61		3.17 ⁶	5.20 ⁷	7.97	12.47	5.90 ⁷	8.68	13.62
	16	0.91 ³	1.86 ³	3.63 ⁶	5.56 ⁶	8.55 ⁷	4.33 ⁶	6.58 ⁶	8.55 ⁷		2.58 ⁶	4.45 ⁶	7.08 ⁶	11.32	5.28 ⁶	7.91 ⁶	13.17
	24	-	0.89 ²	2.41 ³	4.15 ³	6.76 ⁶	3.27 ³	5.42 ³	6.76 ⁶		1.56 ³	3.16 ³	5.56 ⁶	9.37 ⁶	4.21 ³	6.59 ⁶	11.67 ⁶
12	12	0.64 ²	1.41 ³	2.71 ³	4.07 ⁶	6.24 ⁶	3.29 ³	4.91 ⁶	6.24 ⁶		2.02 ³	3.51 ⁶	5.40 ⁶	8.37 ⁷	4.25 ⁶	6.11 ⁶	9.88 ⁷
	16	-	0.83 ²	2.01 ²	3.29 ³	5.27 ⁶	2.68 ²	4.25 ³	5.27 ⁶		1.39 ²	2.73 ³	4.53 ³	7.29 ⁶	3.59 ³	5.34 ³	9.03 ⁶
	24	-	-	0.77 ²	1.98 ²	3.62 ³	1.66 ²	3.16 ²	3.62 ³		-	1.42 ²	3.06 ²	5.48 ³	2.47 ²	4.05 ²	7.62 ³
14	12	-	0.63 ²	1.50 ²	2.46 ²	3.92 ³	2.02 ²	3.20 ²	3.92 ³		1.12 ²	2.10 ²	3.41 ³	5.47 ⁶	2.79 ²	4.04 ³	6.82 ⁶
	16	-	-	0.87 ²	1.76 ²	3.05 ³	1.48 ²	2.62 ²	3.05 ³		0.22 ²	1.38 ²	2.63 ²	4.52 ³	2.18 ²	3.35 ²	6.07 ³
	24	-	-	-	0.12 ¹	1.60 ²	0.27 ¹	1.65 ¹	1.60 ²		-	-	1.31 ²	2.91 ²	1.15 ¹	2.20 ²	4.81 ²
16	12	-	-	0.71 ²	1.39 ²	2.39 ²	1.18 ²	2.04 ²	2.39 ²		0.45 ²	1.11 ²	2.06 ²	3.52 ³	1.72 ²	2.61 ²	4.69 ³
	16	-	-	-	0.78 ¹	1.63 ²	0.69 ¹	1.53 ¹	1.63 ²		-	0.14 ¹	1.37 ²	2.68 ²	1.18 ¹	2.01 ²	4.03 ²
	24	-	-	-	-	-	-	0.68 ¹	-		-	-	-	1.27 ²	-	1.00 ¹	2.93 ²

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1. Lateral and axial load multiplied by 0.75 for strength determination
2. Allowable axial load in kips/stud
3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load										
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)								
		33 ksi					50 ksi			
		33	43	54	68	97	54	68	97	
8	12		5.22	8.43	11.18	17.96	8.43	11.18	17.96	
	16		4.80	8.16	11.18	17.96	8.43	11.18	17.96	
	24		3.90 ⁶	6.94 ⁷	10.08	17.49	7.90 ⁷	11.18	17.49	
9	12		4.59	7.64	10.61	16.93	8.03	10.61	16.93	
	16		4.03 ⁷	6.87	9.79	16.60	7.69	10.61	16.60	
	24		3.01 ⁶	5.52 ⁶	8.25 ⁷	14.58	6.58 ⁶	9.54 ⁷	14.58	
10	12		3.89 ⁶	6.46	9.07	15.25	7.20	9.94	15.25	
	16		3.27 ⁶	5.63 ⁶	8.13 ⁷	14.02	6.51 ⁶	9.20 ⁷	14.02	
	24		2.17 ³	4.22 ⁶	6.53 ⁶	11.92 ⁷	5.32 ⁶	7.87 ⁶	11.92 ⁷	
12	12		2.59 ³	4.35 ⁶	6.46 ⁶	10.48	5.12 ⁶	7.41 ⁶	10.48	
	16		1.92 ³	3.52 ³	5.49 ⁶	9.31 ⁶	4.41 ³	6.60 ⁶	9.31 ⁶	
	24		0.41 ²	2.11 ²	3.86 ³	7.34 ⁶	3.21 ²	5.22 ³	7.34 ⁶	
14	12		1.54 ²	2.76 ³	4.24 ³	7.03 ⁶	3.48 ³	5.11 ³	7.03 ⁶	
	16		0.89 ²	1.98 ²	3.35 ³	5.98 ³	2.81 ²	4.36 ³	5.98 ³	
	24		-	0.11 ²	1.86 ²	4.23 ²	1.69 ²	3.10 ²	4.23 ²	
16	12		0.77 ²	1.60 ²	2.62 ²	4.65 ³	2.25 ²	3.39 ²	4.65 ³	
	16		-	0.90 ²	1.84 ²	3.73 ²	1.65 ²	2.73 ²	3.73 ²	
	24		-	-	-	2.20 ²	0.34 ¹	1.63 ¹	2.20 ²	

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.91 ⁷	3.02	5.42	7.53		5.75	7.55		2.42 ⁷	3.70	6.61	8.76	13.07	6.71	8.76	13.07
	16	1.56 ⁶	2.63 ⁶	4.83	6.85		5.60	7.55		2.04 ⁶	3.29 ⁷	5.98	8.35	13.07	6.71	8.76	13.07
	24	0.93 ³	1.91 ⁶	3.77 ⁶	5.64 ⁷		4.79 ⁶	6.88 ⁷		1.35 ³	2.54 ⁶	4.86 ⁶	7.08 ⁷	11.57	5.94 ⁶	8.38 ⁷	13.07
9	12	1.53 ⁶	2.52 ⁶	4.47 ⁷	6.31		5.18 ⁷	7.07		1.97 ⁶	3.15 ⁷	5.53	7.70	12.02	6.28	8.22	12.14
	16	1.13 ³	2.07 ⁶	3.82 ⁶	5.57 ⁷		4.67 ⁶	6.60 ⁷		1.54 ⁶	2.68 ⁶	4.84 ⁶	6.91	11.02	5.74 ⁶	8.01	12.14
	24	0.12 ²	1.28 ³	2.69 ³	4.27 ⁶		3.78 ³	5.59 ⁶		0.73 ³	1.83 ³	3.63 ⁶	5.53 ⁶	9.27 ⁷	4.79 ⁶	6.94 ⁶	11.31 ⁷
10	12	1.15 ³	2.03 ⁶	3.59 ⁶	5.16 ⁷		4.33 ⁶	6.08 ⁷		1.54 ⁶	2.60 ⁶	4.52 ⁶	6.39 ⁷	10.04	5.31 ⁶	7.37 ⁷	11.19
	16	0.72 ²	1.55 ³	2.92 ⁶	4.39 ⁶		3.79 ⁶	5.47 ⁶		1.08 ³	2.08 ³	3.80 ⁶	5.57 ⁶	9.00	4.74 ⁶	6.72 ⁶	10.67
	24	-	0.67 ²	1.77 ³	3.07 ³		2.87 ³	4.42 ³		-	1.18 ²	2.56 ³	4.15 ³	7.22 ⁶	3.74 ³	5.60 ³	9.31 ⁶
12	12	0.49 ²	1.16 ²	2.14 ³	3.27 ³		2.87 ³	4.17 ³		0.78 ²	1.61 ³	2.83 ³	4.19 ⁶	6.73 ⁶	3.62 ³	5.16 ⁶	8.12 ⁶
	16	-	0.66 ²	1.49 ²	2.52 ³		2.34 ²	3.56 ³		-	1.06 ²	2.12 ³	3.38 ³	5.73 ⁶	3.05 ³	4.51 ³	7.34 ⁶
	24	-	-	-	1.26 ²		1.44 ²	2.54 ²		-	-	0.92 ²	2.01 ²	4.03 ³	2.07 ²	3.41 ²	6.02 ³
14	12	-	0.51 ²	1.12 ²	1.92 ²		1.80 ²	2.74 ²		-	0.84 ²	1.62 ²	2.59 ³	4.35 ³	2.36 ²	3.49 ³	5.61 ³
	16	-	-	0.27 ²	1.23 ²		1.31 ²	2.19 ²		-	-	0.97 ²	1.85 ²	3.44 ³	1.82 ²	2.89 ²	4.90 ³
	24	-	-	-	-		0.19 ¹	1.26 ¹		-	-	-	0.05 ²	1.92 ²	0.92 ¹	1.88 ²	3.70 ²
16	12	-	-	0.45 ²	1.00 ²		1.06 ²	1.73 ²		-	0.03 ¹	0.80 ²	1.48 ²	2.70 ²	1.46 ²	2.28 ²	3.81 ²
	16	-	-	-	0.01 ¹		0.62 ¹	1.24 ¹		-	-	-	0.82 ²	1.90 ²	0.98 ¹	1.75 ²	3.19 ²
	24	-	-	-	-		-	0.06 ¹		-	-	-	-	-	-	0.85 ¹	2.14 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.55	3.96	6.94	9.58	14.87	6.94	9.58	14.87		4.72	7.79	10.79	17.58	7.79	10.79	17.58
	16	2.18 ⁷	3.53	6.55	9.58	14.87	6.94	9.58	14.87		4.43	7.69	10.79	17.58	7.79	10.79	17.58
	24	1.50 ⁶	2.75 ⁶	5.47 ⁷	8.35	13.96	6.25 ⁷	9.48	13.96		3.63 ⁷	6.59	10.08	17.55	7.50	10.79	17.58
9	12	2.13 ⁶	3.45	6.24	8.99	13.88	6.72	9.14	13.88		4.29	7.29	10.47	16.66	7.46	10.47	16.66
	16	1.71 ⁶	2.95 ⁶	5.55 ⁷	8.19	13.25	6.23 ⁷	9.14	13.25		3.79 ⁷	6.58	9.99	16.66	7.36	10.47	16.66
	24	0.94 ³	2.04 ⁶	4.33 ⁶	6.78 ⁶	11.43	5.21 ⁶	8.05 ⁶	11.43		2.86 ⁶	5.32 ⁶	8.52 ⁷	14.85	6.35 ⁶	9.54 ⁷	16.66
10	12	1.71 ⁶	2.92 ⁶	5.26 ⁷	7.70	12.11	5.87 ⁷	8.60	12.11		3.70 ⁷	6.25	9.42	15.36	6.97	10.00	15.47
	16	1.24 ³	2.35 ⁶	4.51 ⁶	6.83 ⁷	11.01	5.24 ⁶	7.90 ⁷	11.01		3.13 ⁶	5.48 ⁶	8.51	14.18	6.34 ⁶	9.37	15.47
	24	0.03 ²	1.36 ³	3.22 ³	5.33 ⁶	9.12 ⁶	4.15 ³	6.68 ⁶	9.12 ⁶		2.10 ³	4.12 ⁶	6.92 ⁶	12.14 ⁷	5.23 ⁶	8.01 ⁶	14.28 ⁷
12	12	0.94 ²	1.86 ³	3.49 ⁶	5.24 ⁶	8.34 ⁷	4.13 ⁶	6.16 ⁶	8.34 ⁷		2.55 ⁶	4.34 ⁶	6.72 ⁶	10.87	5.12 ⁶	7.49 ⁶	12.33
	16	0.16 ²	1.25 ²	2.72 ³	4.37 ³	7.26 ⁶	3.47 ³	5.44 ³	7.26 ⁶		1.90 ³	3.51 ³	5.76 ⁶	9.68 ⁶	4.43 ³	6.66 ⁶	11.38 ⁶
	24	-	-	1.44 ²	2.90 ²	5.45 ³	2.36 ²	4.22 ²	5.45 ³		0.41 ²	2.12 ²	4.15 ³	7.70 ⁶	3.25 ²	5.26 ³	9.78 ⁶
14	12	0.09 ²	1.00 ²	2.13 ³	3.37 ³	5.56 ⁶	2.73 ³	4.23 ³	5.56 ⁶		1.56 ²	2.86 ³	4.54 ³	7.47 ⁶	3.64 ³	5.28 ³	8.81 ⁶
	16	-	0.02 ²	1.41 ²	2.57 ²	4.58 ³	2.11 ²	3.56 ²	4.58 ³		0.91 ²	2.05 ²	3.64 ³	6.39 ⁶	2.95 ²	4.49 ³	7.94 ⁶
	24	-	-	-	1.22 ²	2.93 ²	1.07 ²	2.44 ²	2.93 ²		-	0.11 ²	2.13 ²	4.57 ³	1.79 ²	3.17 ²	6.48 ³
16	12	-	0.09 ²	1.15 ²	2.06 ²	3.60 ³	1.70 ²	2.83 ²	3.60 ³		0.80 ²	1.68 ²	2.92 ²	5.03 ³	2.39 ²	3.58 ²	6.23 ³
	16	-	-	0.20 ²	1.34 ²	2.73 ²	1.14 ²	2.23 ²	2.73 ²		-	0.94 ²	2.11 ²	4.07 ³	1.77 ²	2.87 ²	5.45 ³
	24	-	-	-	-	1.28 ²	-	1.22 ¹	1.28 ²		-	-	0.25 ¹	2.46 ²	0.71 ¹	1.68 ¹	4.15 ²

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- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.43	8.87	11.84	19.50	8.87	11.84	19.50		
	16		5.32	8.87	11.84	19.50	8.87	11.84	19.50		
	24		4.49	7.95	11.46	19.50	8.86	11.84	19.50		
9	12		5.15	8.52	11.35	18.54	8.52	11.35	18.54		
	16		4.62	7.91	11.23	18.54	8.52	11.35	18.54		
	24		3.64 ⁶	6.58 ⁷	9.72	17.59	7.63 ⁷	10.99	17.59		
10	12		4.50	7.53	10.38	17.55	8.15	10.53	17.55		
	16		3.89 ⁶	6.71 ⁷	9.46	16.96	7.59 ⁷	10.51	16.96		
	24		2.80 ⁶	5.26 ⁶	7.85 ⁶	14.83	6.40 ⁶	9.21 ⁶	14.83		
12	12		3.20 ⁶	5.39 ⁶	7.86 ⁷	13.38	6.20 ⁶	8.87 ⁷	13.38		
	16		2.51 ³	4.49 ⁶	6.82 ⁶	12.10 ⁷	5.45 ⁶	8.01 ⁶	12.10 ⁷		
	24		1.31 ²	2.98 ³	5.07 ³	9.94 ⁶	4.17 ³	6.54 ³	9.94 ⁶		
14	12		2.08 ³	3.62 ³	5.53 ⁶	9.37 ⁶	4.43 ³	6.53 ⁶	9.37 ⁶		
	16		1.37 ²	2.76 ³	4.53 ³	8.19 ⁶	3.69 ³	5.68 ³	8.19 ⁶		
	24		-	1.30 ²	2.84 ²	6.22 ³	2.44 ²	4.25 ²	6.22 ³		
16	12		1.20 ²	2.32 ²	3.66 ³	6.47 ⁶	3.08 ²	4.57 ³	6.47 ⁶		
	16		0.14 ²	1.50 ²	2.74 ²	5.42 ³	2.38 ²	3.79 ²	5.42 ³		
	24		-	-	1.21 ²	3.65 ²	1.21 ¹	2.49 ²	3.65 ²		

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.65	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	16	2.43	3.80	6.80	9.24		6.89	9.24		2.95	4.38	7.87	10.57	16.43	7.93	10.57	16.43
	24	1.93 ⁷	3.28	5.96	8.83		6.89	9.24		2.42	4.01	7.04	10.20	16.43	7.93	10.57	16.43
9	12	2.41	3.72	6.65	8.91		6.65	8.91		2.95	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	16	2.09 ⁷	3.41	6.36	8.91		6.65	8.91		2.61	4.13	7.43	10.21	15.86	7.68	10.21	15.86
	24	1.48 ⁶	2.73 ⁶	5.30	7.91		6.38	8.91		1.96 ⁶	3.42 ⁷	6.38	9.48	15.86	7.67	10.21	15.86
10	12	2.10 ⁷	3.38	6.20	8.57		6.39	8.57		2.62	4.08	7.39	9.82	15.26	7.39	9.82	15.26
	16	1.73 ⁶	2.95 ⁷	5.55	8.02		6.39	8.57		2.22 ⁶	3.64	6.77	9.61	15.26	7.39	9.82	15.26
	24	1.00 ³	2.16 ⁶	4.36 ⁶	6.65 ⁷		5.51 ⁶	8.05 ⁷		1.47 ⁶	2.81 ⁶	5.52 ⁷	8.19	14.26	6.72 ⁷	9.64	15.26
12	12	1.47 ⁶	2.55 ⁶	4.65 ⁷	6.76		5.48 ⁷	7.79		1.90 ⁶	3.17 ⁶	5.72 ⁷	8.18	13.70	6.60 ⁷	8.98	13.93
	16	1.00 ³	2.01 ⁶	3.88 ⁶	5.87 ⁶		4.89 ⁶	7.11 ⁶		1.40 ³	2.61 ⁶	4.90 ⁶	7.23 ⁷	12.50	5.97 ⁶	8.54 ⁷	13.93
	24	-	1.06 ³	2.52 ³	4.30 ⁶		3.83 ³	5.90 ⁶		0.09 ²	1.61 ³	3.46 ³	5.57 ⁶	10.41 ⁷	4.84 ³	7.27 ⁶	12.55 ⁷
14	12	0.85 ³	1.74 ³	3.24 ⁶	4.92 ⁶		4.14 ⁶	6.03 ⁶		1.20 ³	2.28 ³	4.12 ⁶	6.09 ⁶	10.52	5.08 ⁶	7.28 ⁶	12.03
	16	0.01 ²	1.16 ²	2.43 ³	3.98 ⁶		3.50 ³	5.29 ⁶		0.55 ²	1.65 ³	3.25 ³	5.09 ⁶	9.24 ⁶	4.39 ³	6.49 ⁶	11.02 ⁶
	24	-	-	0.64 ²	2.37 ³		2.39 ²	4.01 ³		-	0.06 ²	1.77 ²	3.37 ³	7.08 ⁶	3.19 ²	5.13 ³	9.29 ⁶
16	12	0.06 ²	1.05 ²	2.10 ³	3.39 ³		2.99 ³	4.50 ³		0.60 ²	1.49 ²	2.79 ³	4.34 ⁶	7.81 ⁶	3.75 ³	5.53 ⁶	9.31 ⁶
	16	-	0.08 ²	1.31 ²	2.47 ³		2.35 ²	3.76 ³		-	0.84 ²	1.94 ²	3.36 ³	6.57 ⁶	3.06 ²	4.74 ³	8.30 ⁶
	24	-	-	-	0.34 ²		1.26 ²	2.51 ²		-	-	-	1.69 ²	4.47 ³	1.89 ²	3.39 ²	6.61 ³

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37	5.20	8.86	12.17	20.76	8.86	12.17	20.76	
	16	3.09	4.45	7.81	11.26	18.37	7.81	11.26	18.37	5.20	8.86	12.17	20.76	8.86	12.17	20.76	
	24	2.57	4.11	7.69	11.26	18.37	7.81	11.26	18.37	5.12	8.61	12.17	20.76	8.86	12.17	20.76	
9	12	3.06	4.40	7.67	10.94	17.76	7.67	10.94	17.76	5.13	8.66	11.97	20.25	8.66	11.97	20.25	
	16	2.73	4.29	7.67	10.94	17.76	7.67	10.94	17.76	5.13	8.66	11.97	20.25	8.66	11.97	20.25	
	24	2.10 ⁶	3.57	6.99	10.75	17.76	7.67	10.94	17.76	4.53	7.99	11.97	20.25	8.66	11.97	20.25	
10	12	2.74	4.29	7.52	10.61	17.10	7.52	10.61	17.10	5.04	8.44	11.75	19.72	8.44	11.75	19.72	
	16	2.35 ⁷	3.84	7.23	10.61	17.10	7.52	10.61	17.10	4.77	8.44	11.75	19.72	8.44	11.75	19.72	
	24	1.61 ⁶	2.99 ⁶	6.05 ⁷	9.44	16.74	6.94 ⁷	10.61	16.74	3.90 ⁷	7.22	11.14	19.72	8.25	11.75	19.72	
12	12	2.06 ⁶	3.46 ⁷	6.41	9.47	15.67	7.09	9.91	15.67	4.30	7.46	11.26	18.49	7.94	11.26	18.49	
	16	1.55 ⁶	2.86 ⁶	5.59 ⁶	8.51	14.75	6.43 ⁶	9.69	14.75	3.70 ⁶	6.62 ⁷	10.32	18.36	7.58 ⁷	11.26	18.49	
	24	0.27 ³	1.79 ³	4.13 ⁶	6.81 ⁶	12.58 ⁷	5.23 ⁶	8.35 ⁶	12.58 ⁷	2.59 ⁶	5.12 ⁶	8.55 ⁶	16.07	6.38 ⁶	9.83 ⁶	18.19	
14	12	1.37 ³	2.56 ⁶	4.82 ⁶	7.37 ⁷	12.49	5.60 ⁶	8.49 ⁷	12.49	3.33 ⁶	5.80 ⁶	9.03	15.67	6.70 ⁶	9.95	16.73	
	16	0.76 ²	1.87 ³	3.92 ⁶	6.31 ⁶	11.15 ⁷	4.85 ⁶	7.63 ⁶	11.15 ⁷	2.62 ³	4.85 ⁶	7.90 ⁶	14.23	5.93 ⁶	9.00 ⁶	16.04	
	24	-	0.14 ²	2.37 ³	4.48 ³	8.87 ⁶	3.54 ³	6.14 ³	8.87 ⁶	1.36 ²	3.20 ³	5.96 ⁶	11.77 ⁶	4.58 ³	7.36 ⁶	14.04 ⁶	
16	12	0.75 ²	1.71 ³	3.43 ³	5.39 ⁶	9.45 ⁶	4.24 ³	6.52 ⁶	9.45 ⁶	2.39 ³	4.28 ⁶	6.89 ⁶	12.09 ⁷	5.24 ⁶	7.86 ⁶	13.65 ⁷	
	16	-	0.98 ²	2.52 ³	4.34 ³	8.13 ⁶	3.46 ³	5.64 ³	8.13 ⁶	1.63 ³	3.30 ³	5.74 ⁶	10.66 ⁶	4.42 ³	6.87 ⁶	12.47 ⁶	
	24	-	-	0.42 ²	2.55 ²	5.91 ³	2.13 ²	4.17 ²	5.91 ³	-	1.62 ²	3.78 ³	8.24 ³	3.02 ²	5.19 ³	10.47 ³	

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08		
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08		
	24		5.95	9.92	13.55	23.08	9.98	13.55	23.08		
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46		
	16		5.86	9.77	13.25	22.46	9.77	13.25	22.46		
	24		5.45	9.30	13.25	22.46	9.77	13.25	22.46		
10	12		5.76	9.54	12.91	21.80	9.54	12.91	21.80		
	16		5.68	9.54	12.91	21.80	9.54	12.91	21.80		
	24		4.79	8.62	12.60	21.80	9.54	12.91	21.80		
12	12		5.16	8.84	12.17	20.40	9.02	12.17	20.40		
	16		4.53 ⁷	7.96	11.57	20.40	8.92	12.17	20.40		
	24		3.37 ⁶	6.39 ⁶	9.76 ⁷	18.84	7.67 ⁶	11.32 ⁷	18.84		
14	12		4.09 ⁶	7.04 ⁷	10.07	18.55	7.96 ⁷	11.14	18.55		
	16		3.34 ⁶	6.03 ⁶	8.92 ⁷	17.04	7.14 ⁶	10.26 ⁷	17.04		
	24		2.01 ³	4.27 ³	6.92 ⁶	14.44 ⁶	5.69 ³	8.64 ⁶	14.44 ⁶		
16	12		3.05 ⁶	5.34 ⁶	8.03 ⁶	14.71	6.34 ⁶	9.27 ⁶	14.71		
	16		2.23 ³	4.28 ³	6.79 ⁶	13.16 ⁶	5.45 ³	8.24 ⁶	13.16 ⁶		
	24		0.24 ²	2.48 ²	4.68 ³	10.54 ⁶	3.94 ²	6.49 ³	10.54 ⁶		

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	16	2.63	3.91	7.04	9.61		7.09	9.61		3.12	4.50	8.10	10.96	17.17	8.14	10.96	17.17
	24	2.17	3.61	6.30	9.24		7.09	9.61		2.67	4.35	7.36	10.60	17.17	8.14	10.96	17.17
9	12	2.61	3.84	6.93	9.32		6.93	9.32		3.10	4.41	7.98	10.65	16.68	7.98	10.65	16.68
	16	2.32	3.73	6.65	9.32		6.93	9.32		2.84	4.41	7.71	10.65	16.68	7.98	10.65	16.68
	24	1.76 ⁶	3.10	5.70	8.58		6.93	9.32		2.25 ⁷	3.82	6.78	9.96	16.68	7.98	10.65	16.68
10	12	2.34	3.70	6.70	9.01		6.70	9.01		2.87	4.31	7.72	10.30	16.14	7.72	10.30	16.14
	16	1.99 ⁷	3.31	6.20	8.97		6.70	9.01		2.50 ⁷	4.02	7.27	10.30	16.14	7.72	10.30	16.14
	24	1.33 ⁶	2.57 ⁶	5.04 ⁷	7.67		6.22 ⁷	9.00		1.80 ⁶	3.25 ⁷	6.12	9.24	16.05	7.49	10.30	16.14
12	12	1.74 ⁶	2.93 ⁷	5.39	7.79		6.20	8.34		2.22 ⁶	3.59 ⁷	6.54	9.30	14.95	7.15	9.55	14.95
	16	1.29 ³	2.42 ⁶	4.63 ⁶	6.91 ⁷		5.63 ⁶	8.12 ⁷		1.73 ⁶	3.06 ⁶	5.75 ⁷	8.38	14.41	6.79 ⁷	9.55	14.95
	24	0.10 ²	1.49 ³	3.28 ⁶	5.34 ⁶		4.59 ⁶	6.94 ⁶		0.65 ³	2.08 ³	4.31 ⁶	6.73 ⁶	12.33	5.69 ⁶	8.42 ⁶	14.45
14	12	1.14 ³	2.15 ⁶	3.97 ⁶	5.94 ⁶		4.89 ⁶	7.07 ⁶		1.53 ³	2.73 ⁶	4.95 ⁶	7.25 ⁷	12.45	5.92 ⁶	8.44 ⁷	13.66
	16	0.50 ²	1.56 ³	3.14 ³	4.97 ⁶		4.24 ³	6.32 ⁶		0.98 ³	2.11 ³	4.07 ⁶	6.22 ⁶	11.14 ⁷	5.23 ⁶	7.65 ⁶	12.96 ⁷
	24	-	0.03 ²	1.69 ²	3.29 ³		3.10 ²	5.01 ³		-	0.88 ²	2.53 ³	4.43 ³	8.87 ⁶	4.01 ³	6.26 ³	11.19 ⁶
16	12	0.58 ²	1.43 ³	2.75 ³	4.32 ⁶		3.69 ³	5.49 ⁶		0.90 ²	1.92 ³	3.55 ⁶	5.41 ⁶	9.60 ⁷	4.56 ⁶	6.66 ⁶	11.20 ⁷
	16	-	0.80 ²	1.91 ³	3.33 ³		3.02 ³	4.71 ³		-	1.25 ²	2.65 ³	4.35 ³	8.26 ⁶	3.84 ³	5.82 ³	10.13 ⁶
	24	-	-	-	1.66 ²		1.86 ²	3.37 ²		-	-	0.61 ²	2.56 ²	5.99 ³	2.59 ²	4.39 ²	8.31 ³

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	2.80	4.42	8.00	11.63	19.14	8.00	11.63	19.14		5.31	8.91	12.47	21.48	9.09	12.47	21.48
9	12	3.17	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	2.95	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	24	2.36	3.94	7.43	11.29	18.60	7.88	11.35	18.60		4.92	8.35	12.30	21.03	8.91	12.30	21.03
10	12	2.96	4.44	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	16	2.60	4.19	7.75	11.05	18.02	7.75	11.05	18.02		5.14	8.72	12.11	20.55	8.72	12.11	20.55
	24	1.90 ⁶	3.40 ⁷	6.76	10.50	18.02	7.60	11.05	18.02		4.35	7.73	12.11	20.55	8.72	12.11	20.55
12	12	2.32 ⁷	3.85	7.12	10.41	16.74	7.45	10.41	16.74		4.73	8.25	11.68	19.55	8.28	11.68	19.55
	16	1.84 ⁶	3.29 ⁶	6.35	9.64	16.74	7.15	10.41	16.74		4.17 ⁷	7.46	11.42	19.55	8.28	11.68	19.55
	24	0.77 ³	2.26 ⁶	4.94 ⁶	7.99 ⁷	14.65	6.02 ⁶	9.50 ⁷	14.65		3.12 ⁶	6.01 ⁶	9.74 ⁷	18.30	7.24 ⁶	10.98 ⁷	19.55
14	12	1.66 ⁶	3.02 ⁶	5.67 ⁷	8.55	14.60	6.45 ⁷	9.64	14.60		3.82 ⁶	6.68	10.34	18.06	7.57	11.14	18.08
	16	1.09 ³	2.35 ⁶	4.76 ⁶	7.48 ⁶	13.23	5.71 ⁶	8.80 ⁶	13.23		3.13 ⁶	5.74 ⁶	9.23 ⁷	16.61	6.82 ⁶	10.34 ⁷	18.08
	24	-	0.93 ³	3.17 ³	5.62 ⁶	10.86 ⁶	4.39 ³	7.31 ⁶	10.86 ⁶		1.89 ³	4.07 ⁶	7.26 ⁶	14.09 ⁷	5.48 ⁶	8.70 ⁶	16.42 ⁷
16	12	1.03 ³	2.17 ³	4.23 ⁶	6.59 ⁶	11.45 ⁷	5.07 ⁶	7.77 ⁶	11.45 ⁷		2.91 ⁶	5.09 ⁶	8.18 ⁷	14.43	6.05 ⁶	9.19 ⁷	16.07
	16	0.01 ²	1.43 ³	3.27 ³	5.47 ⁶	10.03 ⁶	4.27 ³	6.86 ⁶	10.03 ⁶		2.13 ³	4.09 ⁶	6.99 ⁶	12.91 ⁷	5.24 ⁶	8.18 ⁶	14.83 ⁷
	24	-	-	1.59 ²	3.56 ³	7.64 ³	2.88 ²	5.29 ³	7.64 ³		0.21 ²	2.36 ³	4.93 ³	10.31 ⁶	3.82 ³	6.43 ³	12.71 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	24		6.05	10.21	13.91	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	24		5.86	9.66	13.65	23.32	10.03	13.65	23.32					
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	16		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	24		5.26	9.05	13.09	22.73	9.83	13.36	22.73					
12	12		5.63	9.38	12.71	21.46	9.38	12.71	21.46					
	16		5.04	8.86	12.71	21.46	9.38	12.71	21.46					
	24		3.95 ⁶	7.35 ⁷	11.07	21.14	8.59 ⁷	12.56	21.14					
14	12		4.64 ⁷	8.00	11.54	20.13	8.86	11.97	20.13					
	16		3.91 ⁶	7.01 ⁷	10.40	19.45	8.10 ⁷	11.74	19.45					
	24		2.61 ³	5.25 ⁶	8.37 ⁶	16.85	6.69 ⁶	10.12 ⁶	16.85					
16	12		3.63 ⁶	6.33 ⁶	9.29 ⁷	17.31	7.34 ⁶	10.53 ⁷	17.31					
	16		2.81 ³	5.24 ⁶	8.04 ⁶	15.68	6.45 ⁶	9.51 ⁶	15.68					
	24		1.28 ²	3.37 ³	5.88 ³	12.91 ⁶	4.90 ³	7.74 ³	12.91 ⁶					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	24	2.70	4.20	7.18	10.34		7.65	10.60		3.22	4.80	8.22	11.67	19.20	8.71	12.01	19.20
9	12	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	16	2.83	4.15	7.42	10.42		7.55	10.42		3.25	4.74	8.46	11.81	18.87	8.61	11.81	18.87
	24	2.37	4.15	6.79	9.90		7.55	10.42		2.88	4.74	7.83	11.23	18.87	8.61	11.81	18.87
10	12	2.82	4.10	7.45	10.21		7.45	10.21		3.22	4.68	8.50	11.58	18.52	8.50	11.58	18.52
	16	2.57	4.10	7.12	10.21		7.45	10.21		3.08	4.68	8.16	11.58	18.52	8.50	11.58	18.52
	24	2.01	3.77	6.34	9.41		7.45	10.21		2.51	4.50	7.39	10.75	18.52	8.50	11.58	18.52
12	12	2.38	3.97	7.00	9.76		7.18	9.76		2.91	4.55	8.04	11.08	17.72	8.22	11.08	17.72
	16	1.98	3.66	6.44	9.51		7.18	9.76		2.50	4.38	7.48	10.85	17.72	8.22	11.08	17.72
	24	1.10 ⁶	2.91 ⁷	5.32	8.26		6.98	9.76		1.64 ⁶	3.60 ⁷	6.36	9.62	17.47	8.22	11.08	17.72
14	12	1.86 ⁷	3.44	6.39	9.25		6.80	9.25		2.37 ⁷	4.12	7.43	10.51	16.83	7.80	10.51	16.83
	16	1.36 ⁶	2.94 ⁶	5.63	8.45		6.68	9.25		1.84 ⁶	3.61 ⁷	6.67	9.96	16.83	7.80	10.51	16.83
	24	-	2.00 ⁶	4.10 ⁶	6.84 ⁷		5.65 ⁶	8.48 ⁷		0.50 ³	2.63 ⁶	5.15 ⁶	8.29 ⁷	15.30	6.83 ⁶	10.06 ⁷	16.83
16	12	1.31 ⁶	2.79 ⁶	5.25 ⁷	7.78		6.18 ⁷	8.70		1.76 ⁶	3.42 ⁶	6.35	9.25	15.86	7.33	9.90	15.86
	16	0.51 ³	2.20 ⁶	4.38 ⁶	6.77 ⁷		5.52 ⁶	8.17 ⁷		1.06 ³	2.80 ⁶	5.43 ⁶	8.18 ⁷	14.68	6.64 ⁶	9.65 ⁷	15.86
	24	-	0.93 ³	2.71 ³	4.94 ⁶		4.33 ³	6.81 ⁶		-	1.65 ³	3.76 ⁶	6.27 ⁶	12.23 ⁷	5.38 ⁶	8.22 ⁶	14.73 ⁷

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22	5.58	9.69	13.29	23.46	9.69	13.29	23.46	
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22	5.58	9.69	13.29	23.46	9.69	13.29	23.46	
	24	3.34	4.76	8.51	12.62	21.22	8.51	12.62	21.22	5.58	9.69	13.29	23.46	9.69	13.29	23.46	
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88	5.54	9.58	13.18	23.16	9.58	13.18	23.16	
	16	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88	5.54	9.58	13.18	23.16	9.58	13.18	23.16	
	24	3.00	4.74	8.44	12.44	20.88	8.44	12.44	20.88	5.54	9.32	13.18	23.16	9.58	13.18	23.16	
10	12	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50	5.49	9.46	13.06	22.83	9.46	13.06	22.83	
	16	3.21	4.71	8.35	12.24	20.50	8.35	12.24	20.50	5.49	9.46	13.06	22.83	9.46	13.06	22.83	
	24	2.63	4.51	8.01	12.03	20.50	8.35	12.24	20.50	5.49	8.90	13.06	22.83	9.46	13.06	22.83	
12	12	3.01	4.64	8.16	11.79	19.64	8.16	11.79	19.64	5.38	9.18	12.78	22.11	9.18	12.78	22.11	
	16	2.60	4.45	8.10	11.79	19.64	8.16	11.79	19.64	5.38	8.99	12.78	22.11	9.18	12.78	22.11	
	24	1.76 ⁷	3.65	7.00	10.93	19.46	8.16	11.79	19.46	4.61	7.92	12.54	22.11	9.18	12.78	22.11	
14	12	2.46	4.27	7.94	11.30	18.68	7.94	11.30	18.68	5.19	8.86	12.46	21.33	8.86	12.46	21.33	
	16	1.93 ⁶	3.72	7.31	11.21	18.68	7.94	11.30	18.68	4.64	8.22	12.46	21.33	8.86	12.46	21.33	
	24	0.62 ⁶	2.69 ⁶	5.82 ⁷	9.56	17.73	6.93 ⁷	11.08	17.73	3.58 ⁶	6.76 ⁷	11.24	21.23	8.18 ⁷	12.46	21.33	
16	12	1.87 ⁶	3.61 ⁷	6.95	10.49	17.63	7.66	10.78	17.63	4.46	8.03	12.10	20.53	8.50	12.10	20.53	
	16	1.18 ⁶	2.94 ⁶	6.04 ⁷	9.42	16.97	6.93 ⁷	10.75	16.97	3.78 ⁶	7.10 ⁷	11.19	20.53	8.08 ⁷	12.10	20.53	
	24	-	1.55 ³	4.39 ⁶	7.48 ⁶	14.45 ⁷	5.58 ⁶	9.27 ⁶	14.45 ⁷	2.51 ⁶	5.40 ⁶	9.20 ⁶	18.09	6.72 ⁶	10.72 ⁶	20.53	

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	24		6.29	10.62	14.71	25.50	10.72	14.71	25.50					
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	16		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	24		6.24	10.19	14.44	25.25	10.59	14.53	25.25					
12	12		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	16		6.12	10.28	14.11	24.39	10.30	14.11	24.39					
	24		5.52	9.21	13.38	24.39	10.30	14.11	24.39					
14	12		5.99	9.97	13.64	23.43	9.97	13.64	23.43					
	16		5.53	9.51	13.64	23.43	9.97	13.64	23.43					
	24		4.43 ⁷	8.05	12.14	23.43	9.54	13.64	23.43					
16	12		5.33	9.43	13.10	22.41	9.60	13.10	22.41					
	16		4.61 ⁷	8.46	12.50	22.41	9.41	13.10	22.41					
	24		3.28 ⁶	6.69 ⁶	10.46 ⁷	20.87	7.98 ⁶	12.26 ⁷	20.87					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	24	2.91	4.31	7.53	10.77		7.87	10.99		3.35	4.92	8.56	12.09	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	16	2.92	4.27	7.71	10.84		7.79	10.84		3.32	4.87	8.75	12.26	19.74	8.86	12.26	19.74
	24	2.62	4.27	7.21	10.41		7.79	10.84		3.15	4.87	8.24	11.73	19.74	8.86	12.26	19.74
10	12	2.89	4.23	7.71	10.68		7.71	10.68		3.30	4.83	8.76	12.08	19.46	8.76	12.08	19.46
	16	2.81	4.23	7.48	10.68		7.71	10.68		3.30	4.83	8.51	12.03	19.46	8.76	12.08	19.46
	24	2.30	4.14	6.85	10.01		7.71	10.68		2.82	4.83	7.88	11.33	19.46	8.76	12.08	19.46
12	12	2.65	4.13	7.37	10.32		7.52	10.32		3.18	4.72	8.41	11.67	18.82	8.56	11.67	18.82
	16	2.29	4.06	6.92	10.10		7.52	10.32		2.81	4.72	7.95	11.42	18.82	8.56	11.67	18.82
	24	1.50 ⁷	3.37	6.02	9.09		7.52	10.32		2.06	4.11	7.04	10.42	18.59	8.56	11.67	18.82
14	12	2.18	3.88	6.88	9.90		7.25	9.90		2.71	4.59	7.91	11.21	18.09	8.29	11.21	18.09
	16	1.72 ⁷	3.42	6.27	9.37		7.25	9.90		2.23	4.13	7.30	10.69	18.09	8.29	11.21	18.09
	24	0.50 ⁶	2.53 ⁶	5.04 ⁷	7.99		6.62 ⁷	9.90		1.06 ⁶	3.22 ⁷	6.06	9.33	17.31	7.90	11.21	18.09
16	12	1.68 ⁶	3.29	6.32	9.42		6.91	9.45		2.18 ⁷	3.98	7.35	10.71	17.29	7.91	10.71	17.29
	16	0.99 ⁶	2.73 ⁶	5.51 ⁷	8.53		6.54 ⁷	9.45		1.54 ⁶	3.39 ⁷	6.54	9.86	17.29	7.76	10.71	17.29
	24	-	1.60 ⁶	3.90 ⁶	6.73 ⁶		5.39 ⁶	8.57 ⁶		-	2.29 ⁶	4.93 ⁶	8.08 ⁷	15.54	6.56 ⁶	10.13 ⁷	17.29

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	3.27	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.71	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	24	2.95	4.81	8.48	12.60	21.46	8.59	12.70	21.46		5.62	9.36	13.43	23.74	9.74	13.43	23.74
12	12	3.30	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	16	2.93	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.43	13.21	23.15	9.52	13.21	23.15
	24	2.18	4.10	7.66	11.69	20.55	8.43	12.34	20.55		5.11	8.55	13.21	23.15	9.52	13.21	23.15
14	12	2.81	4.68	8.26	11.93	20.00	8.26	11.93	20.00		5.43	9.26	12.96	22.49	9.26	12.96	22.49
	16	2.33	4.19	7.91	11.93	20.00	8.26	11.93	20.00		5.16	8.80	12.96	22.49	9.26	12.96	22.49
	24	1.18 ⁶	3.24 ⁷	6.69	10.62	19.29	7.82	11.93	19.29		4.20	7.60	12.22	22.49	9.18	12.96	22.49
16	12	2.28	4.10	7.96	11.50	19.13	8.05	11.50	19.13		5.03	8.84	12.66	21.79	8.97	12.66	21.79
	16	1.67 ⁶	3.48 ⁷	7.16	11.15	19.13	7.87	11.50	19.13		4.40	8.06	12.66	21.79	8.97	12.66	21.79
	24	0.03 ⁶	2.22 ⁶	5.58 ⁶	9.39	17.84	6.61 ⁶	11.13	17.84		3.21 ⁶	6.50 ⁷	11.01	21.12	7.88 ⁷	12.54	21.79

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

30 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	24		6.37	10.64	14.97	26.06	10.88	14.97	26.06					
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	16		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	24		6.07	9.84	14.10	25.54	10.65	14.64	25.54					
14	12		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	16		6.10	10.08	14.26	24.76	10.38	14.26	24.76					
	24		5.11	8.88	13.07	24.76	10.38	14.26	24.76					
16	12		5.95	10.09	13.84	23.90	10.09	13.84	23.90					
	16		5.30	9.35	13.57	23.90	10.09	13.84	23.90					
	24		4.06 ⁷	7.78	11.88	23.90	9.24	13.84	23.90					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.92	11.17		7.98	11.17		3.38	4.97	8.95	12.55	20.38	9.05	12.61	20.38
	24	2.87	4.37	7.51	10.77		7.98	11.17		3.38	4.97	8.53	12.08	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.91	11.04		7.91	11.04		3.36	4.93	8.97	12.46	20.15	8.97	12.46	20.15
	16	2.95	4.33	7.70	10.99		7.91	11.04		3.36	4.93	8.73	12.30	20.15	8.97	12.46	20.15
	24	2.56	4.33	7.17	10.40		7.91	11.04		3.09	4.93	8.20	11.71	20.15	8.97	12.46	20.15
10	12	2.93	4.29	7.78	10.90		7.83	10.90		3.33	4.89	8.81	12.31	19.90	8.89	12.31	19.90
	16	2.77	4.29	7.45	10.71		7.83	10.90		3.30	4.89	8.48	12.03	19.90	8.89	12.31	19.90
	24	2.19	4.08	6.80	9.99		7.83	10.90		2.74	4.85	7.82	11.30	19.73	8.89	12.31	19.90
12	12	2.61	4.21	7.35	10.58		7.66	10.58		3.13	4.80	8.38	11.91	19.33	8.71	11.95	19.33
	16	2.22	4.03	6.88	10.07		7.66	10.58		2.74	4.78	7.90	11.39	19.33	8.71	11.95	19.33
	24	1.27	3.28	5.94	9.02		7.66	10.58		1.83	4.02	6.96	10.34	18.59	8.71	11.95	19.33
14	12	2.12	3.86	6.84	10.03		7.46	10.21		2.64	4.60	7.86	11.34	18.69	8.51	11.54	18.69
	16	1.55 ⁷	3.36	6.20	9.31		7.46	10.21		2.11	4.08	7.22	10.63	18.69	8.51	11.54	18.69
	24	0.16 ⁶	2.38 ⁶	4.92	7.89		6.64	10.21		0.75 ⁶	3.08 ⁷	5.93	9.21	17.25	7.95	11.54	18.69
16	12	1.59 ⁷	3.26	6.25	9.37		7.16	9.80		2.10 ⁷	3.96	7.27	10.69	17.97	8.18	11.09	17.97
	16	0.72 ⁶	2.63 ⁶	5.42	8.44		6.64	9.80		1.28 ⁶	3.32 ⁷	6.43	9.76	17.90	7.91	11.09	17.97
	24	-	1.17 ⁶	3.75 ⁶	6.57 ⁷		5.37 ⁶	8.92 ⁷		-	1.99 ⁶	4.75 ⁶	7.90 ⁷	15.69	6.58 ⁶	10.50 ⁷	17.97

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	9.96	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.21	4.88	8.76	12.97	22.13	8.76	13.06	22.13		5.71	9.62	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	24	2.87	4.79	8.41	12.56	21.65	8.70	12.92	21.65		5.67	9.25	13.61	24.17	9.87	13.61	24.17
12	12	3.26	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.67	13.41	23.64	9.67	13.41	23.64
	16	2.87	4.78	8.49	12.60	21.31	8.56	12.60	21.31		5.60	9.33	13.41	23.64	9.67	13.41	23.64
	24	1.96	3.99	7.55	11.61	20.54	8.56	12.60	20.54		5.02	8.38	13.18	23.64	9.67	13.41	23.64
14	12	2.76	4.65	8.40	12.23	20.62	8.40	12.23	20.62		5.51	9.29	13.19	23.05	9.45	13.19	23.05
	16	2.23	4.11	7.81	11.90	20.62	8.40	12.23	20.62		5.11	8.64	13.19	23.05	9.45	13.19	23.05
	24	0.88 ⁶	3.03	6.54	10.49	19.22	7.79	12.23	19.22		4.06	7.35	12.08	22.44	9.20	13.19	23.05
16	12	2.20	4.05	7.87	11.84	19.84	8.23	11.84	19.84		5.00	8.69	12.93	22.41	9.19	12.93	22.41
	16	1.41 ⁶	3.37	7.03	11.04	19.84	7.91	11.84	19.84		4.32	7.85	12.62	22.41	9.19	12.93	22.41
	24	-	1.81 ⁶	5.37 ⁷	9.20	17.70	6.55 ⁷	11.47	17.70		2.97 ⁶	6.17 ⁷	10.81	20.96	7.88 ⁷	12.66	22.41

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	10.90	15.30	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	24		6.43	10.52	14.92	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.60	14.89	26.06	10.81	14.89	26.06					
	24		5.98	9.64	14.01	26.06	10.81	14.89	26.06					
14	12		6.26	10.56	14.56	25.38	10.58	14.56	25.38					
	16		6.06	9.91	14.29	25.38	10.58	14.56	25.38					
	24		4.99	8.61	12.93	25.22	10.58	14.56	25.22					
16	12		5.94	9.96	14.18	24.61	10.31	14.18	24.61					
	16		5.23	9.11	13.45	24.61	10.31	14.18	24.61					
	24		3.89 ⁷	7.42	11.68	23.77	9.25	14.18	23.77					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.45 ⁶	2.41 ⁶	4.32 ⁷	6.08		5.04 ⁷	6.92		1.89 ⁶	3.04 ⁷	5.38	7.48	11.21	6.15	8.07	11.61
	16	1.04 ³	1.96 ⁶	3.66 ⁶	5.33 ⁷		4.52 ⁶	6.38 ⁷		1.45 ⁶	2.56 ⁶	4.68 ⁶	6.67 ⁷	10.17	5.60 ⁶	7.79 ⁷	11.61
	24	-	1.15 ³	2.50 ³	4.02 ⁶		3.61 ³	5.36 ⁶		0.53 ³	1.70 ³	3.44 ⁶	5.27 ⁶	8.36 ⁷	4.63 ⁶	6.71 ⁶	10.73 ⁷
9	12	1.03 ³	1.87 ⁶	3.35 ⁶	4.84 ⁶		4.11 ⁶	5.77 ⁶		1.41 ³	2.43 ⁶	4.27 ⁶	6.05 ⁷	9.12	5.09 ⁶	7.04 ⁷	10.63
	16	0.59 ²	1.37 ³	2.66 ³	4.05 ⁶		3.56 ³	5.15 ⁶		0.93 ³	1.90 ³	3.53 ⁶	5.21 ⁶	8.04 ⁷	4.49 ⁶	6.38 ⁶	9.98 ⁷
	24	-	0.15 ²	1.49 ²	2.71 ³		2.62 ²	4.08 ³		-	0.98 ²	2.26 ³	3.76 ³	6.18 ⁶	3.47 ³	5.24 ³	8.62 ⁶
10	12	0.65 ²	1.37 ³	2.51 ³	3.75 ⁶		3.27 ³	4.68 ⁶		0.97 ³	1.86 ³	3.28 ⁶	4.78 ⁶	7.27 ⁷	4.11 ⁶	5.79 ⁶	8.93 ⁷
	16	-	0.86 ²	1.82 ³	2.97 ³		2.72 ³	4.06 ³		0.24 ²	1.31 ²	2.55 ³	3.94 ⁶	6.20 ⁶	3.51 ³	5.12 ⁶	8.13 ⁶
	24	-	-	0.23 ²	1.65 ²		1.78 ²	2.99 ²		-	-	1.30 ²	2.51 ³	4.38 ³	2.49 ²	3.97 ³	6.77 ³
12	12	-	0.57 ²	1.24 ²	2.08 ³		1.96 ²	2.95 ³		0.00 ²	0.93 ²	1.78 ²	2.81 ³	4.42 ⁶	2.56 ²	3.76 ³	5.95 ⁶
	16	-	-	0.61 ²	1.36 ²		1.44 ²	2.37 ²		-	0.05 ²	1.09 ²	2.03 ²	3.44 ³	1.99 ²	3.12 ²	5.21 ³
	24	-	-	-	-		0.57 ¹	1.39 ²		-	-	-	0.22 ²	1.78 ²	1.05 ¹	2.06 ²	3.96 ²
14	12	-	-	0.22 ²	0.98 ²		1.06 ²	1.74 ²		-	-	0.79 ²	1.49 ²	2.52 ³	1.49 ²	2.32 ²	3.86 ³
	16	-	-	-	-		0.60 ¹	1.23 ¹		-	-	-	0.80 ²	1.66 ²	0.99 ¹	1.76 ²	3.21 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	0.82 ¹	2.12 ²
16	12	-	-	-	0.00 ¹		0.49 ¹	0.97 ¹		-	-	-	0.65 ¹	1.32 ²	0.79 ¹	1.38 ¹	2.50 ²
	16	-	-	-	-		-	0.52 ¹		-	-	-	-	0.17 ²	0.12 ¹	0.89 ¹	1.93 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	0.97 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.05 ⁶	3.33 ⁷	6.06	8.76	13.34	6.60	8.96	13.34		4.18	7.13	10.26	16.14	7.36	10.26	16.14
	16	1.61 ⁶	2.82 ⁶	5.36 ⁷	7.95	12.42	6.04 ⁷	8.94	12.42		3.66 ⁷	6.41	9.72	15.96	7.20	10.26	16.14
	24	0.76 ³	1.90 ³	4.13 ⁶	6.52 ⁶	10.54	5.01 ⁶	7.81 ⁶	10.54		2.71 ⁶	5.12 ⁶	8.24 ⁷	13.96	6.17 ⁶	9.25 ⁷	16.14
9	12	1.58 ⁶	2.74 ⁶	5.00 ⁷	7.34	11.17	5.62 ⁷	8.25	11.17		3.52 ⁷	5.99	9.05	14.39	6.72	9.78	14.89
	16	1.09 ³	2.16 ⁶	4.24 ⁶	6.45 ⁶	10.03	4.98 ⁶	7.54 ⁶	10.03		2.92 ⁶	5.19 ⁶	8.12 ⁷	13.16	6.07 ⁶	8.99 ⁷	14.89
	24	-	1.14 ³	2.92 ³	4.93 ⁶	8.07 ⁶	3.86 ³	6.30 ⁶	8.07 ⁶		1.87 ³	3.80 ⁶	6.50 ⁶	11.04 ⁷	4.92 ⁶	7.60 ⁶	13.54 ⁷
10	12	1.14 ³	2.13 ⁶	3.98 ⁶	5.96 ⁶	9.06	4.63 ⁶	6.91 ⁶	9.06		2.86 ⁶	4.82 ⁶	7.51 ⁷	11.88	5.58 ⁶	8.28 ⁷	13.60
	16	0.59 ²	1.52 ³	3.20 ³	5.06 ⁶	7.92 ⁶	3.95 ³	6.17 ⁶	7.92 ⁶		2.22 ³	4.00 ⁶	6.54 ⁶	10.63 ⁷	4.90 ⁶	7.44 ⁶	12.64 ⁷
	24	-	-	1.87 ²	3.53 ³	5.98 ⁶	2.81 ²	4.90 ³	5.98 ⁶		1.10 ²	2.59 ³	4.89 ³	8.51 ⁶	3.73 ³	6.01 ³	11.01 ⁶
12	12	0.16 ²	1.11 ²	2.34 ³	3.67 ³	5.74 ⁶	2.98 ³	4.57 ³	5.74 ⁶		1.70 ³	3.10 ³	4.95 ⁶	7.81 ⁶	3.91 ³	5.71 ⁶	9.44 ⁶
	16	-	0.13 ²	1.59 ²	2.83 ³	4.68 ³	2.32 ²	3.86 ³	4.68 ³		1.02 ²	2.26 ²	4.00 ³	6.64 ⁶	3.19 ²	4.88 ³	8.53 ⁶
	24	-	-	-	1.41 ²	2.90 ²	1.22 ²	2.68 ²	2.90 ²		-	0.34 ²	2.41 ²	4.69 ³	1.99 ²	3.49 ²	7.00 ³
14	12	-	0.04 ²	1.17 ²	2.10 ²	3.47 ³	1.74 ²	2.90 ²	3.47 ³		0.80 ²	1.73 ²	3.00 ³	4.98 ³	2.47 ²	3.68 ³	6.43 ³
	16	-	-	0.13 ²	1.35 ²	2.54 ²	1.15 ²	2.27 ²	2.54 ²		-	0.95 ²	2.16 ²	3.94 ³	1.81 ²	2.94 ²	5.62 ³
	24	-	-	-	-	0.47 ²	-	1.22 ¹	0.47 ²		-	-	0.16 ²	2.21 ²	0.36 ¹	1.70 ²	4.26 ²
16	12	-	-	0.19 ¹	1.08 ²	2.00 ²	0.93 ¹	1.78 ²	2.00 ²		-	0.78 ²	1.70 ²	3.08 ²	1.44 ²	2.30 ²	4.35 ²
	16	-	-	-	0.01 ¹	1.18 ²	0.15 ¹	1.23 ¹	1.18 ²		-	-	0.96 ²	2.18 ²	0.86 ¹	1.65 ²	3.64 ²
	24	-	-	-	-	-	-	-	-		-	-	-	-	-	0.11 ¹	2.45 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.03	8.43	11.18	17.96	8.43	11.18	17.96					
	16		4.49	7.74	10.97	17.96	8.43	11.18	17.96					
	24		3.49 ⁶	6.38 ⁷	9.45	16.67	7.45 ⁷	10.73	16.67					
9	12		4.30 ⁷	7.25	10.22	16.93	7.99	10.61	16.93					
	16		3.67 ⁶	6.40 ⁷	9.25	15.89	7.30 ⁷	10.35	15.89					
	24		2.55 ³	4.91 ⁶	7.56 ⁶	13.68	6.08 ⁶	8.98 ⁶	13.68					
10	12		3.57 ⁶	6.03 ⁷	8.59	14.62	6.84 ⁷	9.57	14.62					
	16		2.88 ⁶	5.13 ⁶	7.56 ⁶	13.27	6.09 ⁶	8.73 ⁶	13.27					
	24		1.68 ³	3.59 ³	5.81 ⁶	11.00 ⁶	4.79 ³	7.28 ⁶	11.00 ⁶					
12	12		2.24 ³	3.92 ⁶	5.96 ⁶	9.87 ⁷	4.75 ⁶	6.99 ⁶	9.87 ⁷					
	16		1.51 ²	3.02 ³	4.91 ³	8.61 ⁶	3.98 ³	6.11 ³	8.61 ⁶					
	24		-	1.50 ²	3.15 ²	6.48 ³	2.68 ²	4.62 ²	6.48 ³					
14	12		1.20 ²	2.35 ²	3.78 ³	6.48 ⁶	3.13 ²	4.73 ³	6.48 ⁶					
	16		0.08 ²	1.51 ²	2.82 ²	5.36 ³	2.41 ²	3.91 ²	5.36 ³					
	24		-	-	1.21 ²	3.46 ²	1.19 ¹	2.55 ²	3.46 ²					
16	12		0.16 ²	1.24 ²	2.22 ²	4.17 ³	1.94 ²	3.05 ²	4.17 ³					
	16		-	-	1.38 ²	3.19 ²	1.29 ¹	2.34 ²	3.19 ²					
	24		-	-	-	1.53 ²	-	1.14 ¹	1.53 ²					

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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.74 ⁶	2.82 ⁷	5.12	7.18		5.75	7.55		2.23 ⁷	3.49	6.29	8.70	13.07	6.71	8.76	13.07
	16	1.34 ⁶	2.38 ⁶	4.46 ⁷	6.43		5.32 ⁷	7.47		1.80 ⁶	3.03 ⁶	5.59	7.91	12.62	6.50	8.76	13.07
	24	0.48 ³	1.58 ³	3.29 ⁶	5.09 ⁶		4.42 ⁶	6.46 ⁶		1.03 ³	2.19 ⁶	4.34 ⁶	6.50 ⁶	10.83	5.54 ⁶	7.94 ⁶	12.92
9	12	1.33 ⁶	2.29 ⁶	4.14 ⁶	5.93		4.92 ⁶	6.88		1.75 ⁶	2.91 ⁶	5.18 ⁷	7.29	11.50	6.00 ⁷	8.22	12.14
	16	0.89 ³	1.80 ³	3.42 ⁶	5.11 ⁶		4.36 ⁶	6.25 ⁶		1.28 ³	2.38 ⁶	4.41 ⁶	6.42 ⁷	10.40	5.41 ⁶	7.63 ⁷	12.14
	24	-	0.92 ²	2.19 ³	3.69 ⁶		3.38 ³	5.14 ⁶		0.05 ²	1.45 ³	3.09 ³	4.91 ⁶	8.48 ⁶	4.36 ³	6.46 ⁶	10.73 ⁶
10	12	0.93 ³	1.78 ³	3.24 ⁶	4.77 ⁶		4.05 ⁶	5.76 ⁶		1.30 ³	2.33 ⁶	4.15 ⁶	5.97 ⁷	9.51	5.02 ⁶	7.03 ⁷	11.05
	16	0.23 ²	1.25 ³	2.51 ³	3.93 ⁶		3.47 ³	5.10 ⁶		0.79 ²	1.77 ³	3.36 ⁶	5.06 ⁶	8.37 ⁷	4.39 ⁶	6.32 ⁶	10.19 ⁷
	24	-	-	1.26 ²	2.49 ³		2.46 ²	3.96 ³		-	0.67 ²	2.01 ³	3.52 ³	6.43 ⁶	3.30 ³	5.10 ³	8.70 ⁶
12	12	0.01 ²	0.90 ²	1.80 ³	2.88 ³		2.60 ³	3.86 ³		0.53 ²	1.33 ²	2.46 ³	3.77 ³	6.21 ⁶	3.32 ³	4.83 ³	7.72 ⁶
	16	-	0.01 ²	1.09 ²	2.07 ²		2.02 ²	3.20 ²		-	0.74 ²	1.70 ²	2.89 ³	5.12 ⁶	2.70 ²	4.12 ³	6.87 ⁶
	24	-	-	-	0.13 ²		1.05 ²	2.10 ²		-	-	-	1.42 ²	3.29 ³	1.64 ²	2.93 ²	5.44 ³
14	12	-	-	0.81 ²	1.56 ²		1.55 ²	2.46 ²		-	0.57 ²	1.28 ²	2.21 ²	3.88 ³	2.08 ²	3.18 ²	5.24 ³
	16	-	-	-	0.82 ²		1.02 ¹	1.86 ²		-	-	0.25 ²	1.40 ²	2.90 ²	1.50 ²	2.53 ²	4.47 ²
	24	-	-	-	-		-	0.85 ¹		-	-	-	-	1.25 ²	0.15 ¹	1.43 ¹	3.18 ²
16	12	-	-	-	0.68 ²		0.83 ¹	1.48 ²		-	-	0.50 ²	1.14 ²	2.29 ²	1.21 ²	2.01 ²	3.49 ²
	16	-	-	-	-		0.10 ¹	0.94 ¹		-	-	-	-	1.43 ²	0.69 ¹	1.43 ¹	2.81 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	0.01 ¹	1.68 ¹

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notes:

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2. Allowable axial load in kips/stud
3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.36 ⁷	3.74	6.84	9.58	14.87	6.94	9.58	14.87		4.64	7.79	10.79	17.58	7.79	10.79	17.58
	16	1.95 ⁶	3.26 ⁷	6.17	9.17	14.87	6.82	9.58	14.87		4.16	7.31	10.79	17.58	7.79	10.79	17.58
	24	1.19 ³	2.38 ⁶	4.97 ⁶	7.77 ⁷	13.20	5.84 ⁶	9.03 ⁷	13.20		3.26 ⁶	6.07 ⁷	9.50	16.77	7.09 ⁷	10.48	17.58
9	12	1.92 ⁶	3.20 ⁷	5.89	8.58	13.76	6.50	9.14	13.76		4.04	6.93	10.39	16.66	7.46	10.47	16.66
	16	1.44 ⁶	2.64 ⁶	5.12 ⁶	7.70	12.61	5.87 ⁶	8.78	12.61		3.46 ⁶	6.14 ⁷	9.48	16.11	7.01 ⁷	10.34	16.66
	24	0.24 ³	1.63 ³	3.78 ⁶	6.14 ⁶	10.61 ⁷	4.75 ⁶	7.54 ⁶	10.61 ⁷		2.43 ⁶	4.74 ⁶	7.85 ⁶	13.97	5.89 ⁶	8.98 ⁶	16.21
10	12	1.47 ³	2.63 ⁶	4.87 ⁶	7.25 ⁷	11.54	5.55 ⁶	8.24 ⁷	11.54		3.41 ⁶	5.85 ⁷	8.95	14.75	6.65 ⁷	9.74	15.47
	16	0.95 ³	2.01 ³	4.06 ⁶	6.30 ⁶	10.34	4.86 ⁶	7.47 ⁶	10.34		2.77 ⁶	5.00 ⁶	7.95 ⁷	13.46	5.95 ⁶	8.89 ⁷	15.31
	24	-	0.75 ²	2.65 ³	4.67 ³	8.29 ⁶	3.66 ³	6.14 ³	8.29 ⁶		1.64 ³	3.51 ³	6.21 ⁶	11.23 ⁶	4.72 ³	7.41 ⁶	13.57 ⁶
12	12	0.68 ²	1.55 ³	3.09 ³	4.79 ⁶	7.78 ⁶	3.79 ³	5.78 ⁶	7.78 ⁶		2.21 ³	3.91 ⁶	6.23 ⁶	10.25 ⁷	4.77 ⁶	7.06 ⁶	11.84 ⁷
	16	-	0.88 ²	2.27 ³	3.84 ³	6.61 ⁶	3.08 ³	5.00 ³	6.61 ⁶		1.50 ²	3.02 ³	5.19 ⁶	8.98 ⁶	4.01 ³	6.16 ⁶	10.81 ⁶
	24	-	-	0.40 ²	2.26 ²	4.65 ³	1.87 ²	3.68 ²	4.65 ³		-	1.50 ²	3.44 ³	6.82 ³	2.74 ²	4.64 ³	9.08 ³
14	12	-	0.69 ²	1.76 ²	2.96 ³	5.05 ³	2.41 ²	3.88 ³	5.05 ³		1.22 ²	2.44 ³	4.08 ³	6.91 ⁶	3.28 ³	4.87 ³	8.36 ⁶
	16	-	-	0.98 ²	2.09 ²	3.99 ³	1.74 ²	3.16 ²	3.99 ³		0.11 ²	1.56 ²	3.11 ²	5.74 ³	2.54 ²	4.02 ²	7.42 ³
	24	-	-	-	-	2.22 ²	0.18 ¹	1.94 ²	2.22 ²		-	-	1.47 ²	3.78 ²	1.29 ²	2.59 ²	5.84 ²
16	12	-	-	0.82 ²	1.69 ²	3.15 ²	1.41 ²	2.52 ²	3.15 ²		0.19 ²	1.30 ²	2.50 ²	4.53 ³	2.07 ²	3.21 ²	5.83 ³
	16	-	-	-	0.91 ²	2.22 ²	0.81 ¹	1.87 ²	2.22 ²		-	-	1.63 ²	3.49 ²	1.39 ²	2.45 ²	4.99 ²
	24	-	-	-	-	-	-	0.78 ¹	-		-	-	-	1.75 ²	-	1.16 ¹	3.58 ²

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notes:

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.43	8.87	11.84	19.50	8.87	11.84	19.50					
	16		5.04	8.70	11.84	19.50	8.87	11.84	19.50					
	24		4.09 ⁷	7.42	10.85	19.50	8.44	11.84	19.50					
9	12		4.88	8.27	11.35	18.54	8.52	11.35	18.54					
	16		4.28 ⁷	7.45	10.70	18.54	8.33	11.35	18.54					
	24		3.18 ⁶	5.98 ⁶	9.03 ⁷	16.70	7.14 ⁶	10.44 ⁷	16.70					
10	12		4.19 ⁷	7.11	9.91	17.55	7.92	10.53	17.55					
	16		3.51 ⁶	6.20 ⁶	8.90	16.21	7.17 ⁶	10.05	16.21					
	24		2.30 ³	4.61 ⁶	7.13 ⁶	13.88 ⁷	5.86 ⁶	8.62 ⁶	13.88 ⁷					
12	12		2.84 ⁶	4.93 ⁶	7.32 ⁶	12.72	5.82 ⁶	8.43 ⁶	12.72					
	16		2.08 ³	3.96 ³	6.20 ⁶	11.33 ⁶	5.00 ³	7.49 ⁶	11.33 ⁶					
	24		0.27 ²	2.31 ²	4.30 ³	9.00 ⁶	3.60 ²	5.89 ³	9.00 ⁶					
14	12		1.71 ²	3.17 ³	5.01 ³	8.76 ⁶	4.05 ³	6.09 ³	8.76 ⁶					
	16		0.94 ²	2.24 ²	3.92 ³	7.49 ⁶	3.24 ²	5.17 ³	7.49 ⁶					
	24		-	-	2.10 ²	5.36 ³	1.90 ²	3.63 ²	5.36 ³					
16	12		0.84 ²	1.89 ²	3.18 ²	5.92 ³	2.71 ²	4.17 ²	5.92 ³					
	16		-	1.01 ²	2.19 ²	4.79 ³	1.96 ²	3.33 ²	4.79 ³					
	24		-	-	-	2.88 ²	0.22 ¹	1.93 ¹	2.88 ²					

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notes:

1. Lateral and axial load multiplied by 0.75 for strength determination
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3. Effective area considers 1.5" holes in webs for axial load determination
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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.56	3.80	6.89	9.24		6.89	9.24		3.07	4.38	7.93	10.57	16.43	7.93	10.57	16.43
	16	2.26	3.65	6.52	9.24		6.89	9.24		2.77	4.38	7.59	10.57	16.43	7.93	10.57	16.43
	24	1.68 ⁶	3.00	5.55	8.36		6.89	9.24		2.17 ⁷	3.73	6.63	9.75	16.43	7.93	10.57	16.43
9	12	2.25	3.59	6.62	8.91		6.65	8.91		2.77	4.28	7.68	10.21	15.86	7.68	10.21	15.86
	16	1.88 ⁶	3.18	6.00	8.69		6.65	8.91		2.39 ⁷	3.89	7.08	10.21	15.86	7.68	10.21	15.86
	24	1.17 ⁶	2.40 ⁶	4.77 ⁷	7.34		6.01 ⁷	8.72		1.65 ⁶	3.08 ⁶	5.86 ⁷	8.91	15.49	7.29 ⁷	10.21	15.86
10	12	1.91 ⁶	3.16	5.87	8.39		6.39	8.57		2.42 ⁷	3.85	7.10	9.82	15.26	7.39	9.82	15.26
	16	1.48 ⁶	2.68 ⁶	5.14 ⁷	7.55		6.10 ⁷	8.57		1.96 ⁶	3.35 ⁷	6.34	9.12	15.26	7.33	9.82	15.26
	24	0.46 ³	1.78 ⁶	3.81 ⁶	6.02 ⁶		5.10 ⁶	7.58 ⁶		1.00 ³	2.42 ⁶	4.94 ⁶	7.53 ⁷	13.44	6.28 ⁶	9.15 ⁷	15.26
12	12	1.23 ³	2.27 ⁶	4.25 ⁶	6.30 ⁷		5.18 ⁶	7.44 ⁷		1.64 ⁶	2.89 ⁶	5.30 ⁷	7.69	13.08	6.27 ⁷	8.89	13.93
	16	0.61 ³	1.68 ³	3.40 ⁶	5.32 ⁶		4.52 ⁶	6.69 ⁶		1.09 ³	2.26 ⁶	4.39 ⁶	6.65 ⁶	11.77	5.57 ⁶	8.10 ⁶	13.60
	24	-	0.16 ²	1.88 ³	3.59 ³		3.35 ³	5.35 ³		-	1.09 ³	2.81 ³	4.82 ⁶	9.47 ⁶	4.33 ³	6.69 ⁶	11.82 ⁶
14	12	0.54 ²	1.44 ³	2.82 ³	4.43 ⁶		3.81 ³	5.65 ⁶		0.92 ²	1.96 ³	3.67 ⁶	5.58 ⁶	9.86 ⁷	4.72 ⁶	6.87 ⁶	11.51 ⁷
	16	-	0.78 ²	1.94 ³	3.41 ³		3.10 ³	4.84 ³		-	1.27 ²	2.73 ³	4.48 ³	8.48 ⁶	3.97 ³	6.01 ³	10.41 ⁶
	24	-	-	-	1.66 ²		1.89 ²	3.44 ²		-	-	0.57 ²	2.61 ²	6.13 ³	2.66 ²	4.52 ²	8.53 ³
16	12	-	0.74 ²	1.69 ²	2.92 ³		2.66 ²	4.12 ³		-	1.15 ²	2.35 ³	3.83 ³	7.17 ⁶	3.40 ³	5.12 ³	8.79 ⁶
	16	-	-	0.48 ²	1.92 ²		1.96 ²	3.32 ²		-	-	1.43 ²	2.76 ²	5.82 ³	2.64 ²	4.26 ²	7.70 ³
	24	-	-	-	-		0.72 ¹	1.96 ²		-	-	-	0.20 ²	3.56 ²	1.37 ²	2.80 ²	5.87 ²

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3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.15	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	16	2.91	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	24	2.32	3.83	7.29	11.09	18.37	7.81	11.26	18.37		4.83	8.22	12.17	20.76	8.86	12.17	20.76
9	12	2.90	4.40	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	16	2.52	4.04	7.64	10.94	17.76	7.67	10.94	17.76		5.01	8.65	11.97	20.25	8.66	11.97	20.25
	24	1.80 ⁶	3.23 ⁷	6.51	10.19	17.76	7.38	10.94	17.76		4.18	7.50	11.80	20.25	8.66	11.97	20.25
10	12	2.55	4.06	7.52	10.61	17.10	7.52	10.61	17.10		4.99	8.44	11.75	19.72	8.44	11.75	19.72
	16	2.10 ⁶	3.55 ⁷	6.82	10.35	17.10	7.52	10.61	17.10		4.47	8.02	11.75	19.72	8.44	11.75	19.72
	24	1.20 ⁶	2.58 ⁶	5.49 ⁶	8.79	15.90	6.50 ⁶	10.21	15.90		3.49 ⁶	6.65 ⁷	10.50	19.51	7.81 ⁷	11.62	19.72
12	12	1.80 ⁶	3.16 ⁶	5.99 ⁷	8.98	15.35	6.75 ⁷	9.91	15.35		4.00 ⁷	7.03	10.80	18.49	7.90	11.26	18.49
	16	1.24 ³	2.49 ⁶	5.08 ⁶	7.92 ⁷	13.99	6.01 ⁶	9.22 ⁷	13.99		3.32 ⁶	6.10 ⁷	9.70	17.56	7.16 ⁷	10.78	18.49
	24	-	1.13 ³	3.47 ³	6.04 ⁶	11.60 ⁶	4.69 ³	7.74 ⁶	11.60 ⁶		2.08 ³	4.43 ⁶	7.75 ⁶	15.03 ⁷	5.83 ⁶	9.16 ⁶	17.37 ⁷
14	12	1.08 ³	2.20 ³	4.36 ⁶	6.82 ⁶	11.80	5.22 ⁶	8.04 ⁶	11.80		2.96 ⁶	5.31 ⁶	8.45 ⁷	14.93	6.31 ⁶	9.47 ⁷	16.60
	16	0.06 ²	1.45 ³	3.37 ³	5.66 ⁶	10.35 ⁶	4.39 ³	7.10 ⁶	10.35 ⁶		2.17 ³	4.26 ⁶	7.22 ⁶	13.36 ⁷	5.46 ⁶	8.42 ⁶	15.33 ⁷
	24	-	-	1.54 ²	3.68 ³	7.86 ⁶	2.95 ²	5.48 ³	7.86 ⁶		0.20 ²	2.46 ³	5.10 ³	10.68 ⁶	3.97 ³	6.62 ³	13.15 ⁶
16	12	0.12 ²	1.33 ²	2.96 ³	4.85 ³	8.77 ⁶	3.84 ³	6.07 ³	8.77 ⁶		2.00 ³	3.77 ³	6.30 ⁶	11.35 ⁶	4.82 ³	7.35 ⁶	13.04 ⁶
	16	-	0.05 ²	1.97 ²	3.70 ³	7.34 ⁶	2.99 ²	5.12 ³	7.34 ⁶		1.16 ²	2.70 ³	5.04 ³	9.80 ⁶	3.93 ³	6.27 ³	11.76 ⁶
	24	-	-	-	1.77 ²	4.93 ³	1.55 ²	3.52 ²	4.93 ³		-	0.06 ²	2.93 ²	7.18 ³	2.40 ²	4.45 ²	9.59 ³

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	24		5.77	9.53	13.55	23.08	9.98	13.55	23.08					
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
	16		5.86	9.77	13.25	22.46	9.77	13.25	22.46					
	24		5.09	8.82	12.81	22.46	9.77	13.25	22.46					
10	12		5.76	9.54	12.91	21.80	9.54	12.91	21.80					
	16		5.38	9.42	12.91	21.80	9.54	12.91	21.80					
	24		4.36 ⁷	8.02	11.95	21.80	9.20	12.91	21.80					
12	12		4.84	8.39	12.06	20.40	9.02	12.17	20.40					
	16		4.13 ⁶	7.42 ⁷	10.94	20.34	8.49 ⁷	12.17	20.34					
	24		2.83 ⁶	5.67 ⁶	8.93 ⁶	17.79	7.09 ⁶	10.66 ⁶	17.79					
14	12		3.71 ⁶	6.52 ⁶	9.48	17.77	7.54 ⁶	10.71	17.77					
	16		2.87 ³	5.41 ⁶	8.22 ⁶	16.12	6.63 ⁶	9.69 ⁶	16.12					
	24		1.26 ²	3.48 ³	6.02 ⁶	13.29 ⁶	5.04 ³	7.91 ⁶	13.29 ⁶					
16	12		2.63 ³	4.80 ⁶	7.39 ⁶	13.90 ⁷	5.88 ⁶	8.74 ⁶	13.90 ⁷					
	16		1.74 ²	3.64 ³	6.04 ⁶	12.22 ⁶	4.92 ³	7.62 ⁶	12.22 ⁶					
	24		-	1.45 ²	3.75 ³	9.39 ³	3.26 ²	5.71 ³	9.39 ³					

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.71	3.91	7.09	9.61		7.09	9.61		3.12	4.50	8.14	10.96	17.17	8.14	10.96	17.17
	16	2.48	3.91	6.79	9.61		7.09	9.61		2.99	4.50	7.85	10.96	17.17	8.14	10.96	17.17
	24	1.95 ⁷	3.35	5.92	8.82		7.09	9.61		2.44	4.09	6.99	10.20	17.17	8.14	10.96	17.17
9	12	2.47	3.84	6.88	9.32		6.93	9.32		2.99	4.41	7.94	10.65	16.68	7.98	10.65	16.68
	16	2.13	3.52	6.33	9.28		6.93	9.32		2.64	4.25	7.40	10.64	16.68	7.98	10.65	16.68
	24	1.49 ⁶	2.79 ⁷	5.23	8.06		6.68	9.32		1.96 ⁶	3.50 ⁷	6.31	9.45	16.68	7.98	10.65	16.68
10	12	2.16 ⁷	3.51	6.50	9.01		6.70	9.01		2.68	4.22	7.56	10.30	16.14	7.72	10.30	16.14
	16	1.76 ⁶	3.06 ⁷	5.82	8.52		6.70	9.01		2.26 ⁷	3.76	6.89	10.08	16.14	7.72	10.30	16.14
	24	0.90 ³	2.21 ⁶	4.46 ⁶	7.06 ⁷		5.83 ⁶	8.56 ⁷		1.43 ⁶	2.88 ⁶	5.55 ⁷	8.61	15.27	7.08 ⁷	10.20	16.14
12	12	1.51 ⁶	2.67 ⁶	5.01 ⁷	7.34		5.91 ⁷	8.34		1.97 ⁶	3.32 ⁶	6.14	8.83	14.95	7.08	9.55	14.95
	16	1.01 ³	2.10 ⁶	4.16 ⁶	6.36 ⁷		5.27 ⁶	7.72 ⁷		1.43 ³	2.72 ⁶	5.25 ⁶	7.81 ⁷	13.68	6.41 ⁶	9.22 ⁷	14.95
	24	-	0.93 ³	2.66 ³	4.63 ⁶		4.11 ³	6.40 ⁶		-	1.63 ³	3.66 ⁶	5.98 ⁶	11.38 ⁷	5.19 ⁶	7.85 ⁶	13.73 ⁷
14	12	0.87 ³	1.85 ³	3.55 ⁶	5.44 ⁶		4.56 ⁶	6.69 ⁶		1.24 ³	2.41 ⁶	4.50 ⁶	6.72 ⁶	11.77	5.57 ⁶	8.04 ⁶	13.46
	16	-	1.19 ³	2.64 ³	4.38 ⁶		3.84 ³	5.86 ⁶		0.31 ²	1.72 ³	3.52 ³	5.59 ⁶	10.34 ⁷	4.80 ³	7.16 ⁶	12.34 ⁷
	24	-	-	0.48 ²	2.54 ³		2.58 ²	4.42 ³		-	-	1.69 ²	3.63 ³	7.86 ⁶	3.46 ²	5.63 ³	10.39 ⁶
16	12	-	1.10 ²	2.31 ³	3.81 ³		3.35 ³	5.09 ³		0.49 ²	1.58 ³	3.08 ³	4.86 ⁶	8.91 ⁶	4.19 ³	6.23 ⁶	10.65 ⁶
	16	-	-	1.40 ²	2.74 ³		2.61 ²	4.23 ³		-	0.79 ²	2.10 ²	3.71 ³	7.45 ⁶	3.39 ²	5.32 ³	9.49 ⁶
	24	-	-	-	0.12 ²		1.35 ²	2.78 ²		-	-	-	1.73 ²	4.99 ³	2.03 ²	3.76 ²	7.51 ³

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	3.11	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	2.56	4.17	7.64	11.52	19.14	8.00	11.63	19.14		5.19	8.56	12.47	21.48	9.09	12.47	21.48
9	12	3.10	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	2.75	4.37	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	24	2.08 ⁷	3.62	6.98	10.79	18.60	7.88	11.35	18.60		4.60	7.91	12.30	21.03	8.91	12.30	21.03
10	12	2.78	4.39	7.75	11.05	18.02	7.75	11.05	18.02		5.16	8.72	12.11	20.55	8.72	12.11	20.55
	16	2.36 ⁷	3.92	7.48	11.05	18.02	7.75	11.05	18.02		4.87	8.46	12.11	20.55	8.72	12.11	20.55
	24	1.56 ⁶	3.03 ⁶	6.24	9.89	17.81	7.20	11.05	17.81		3.97 ⁷	7.19	11.53	20.55	8.55	12.11	20.55
12	12	2.08 ⁶	3.57 ⁷	6.73	10.09	16.74	7.45	10.41	16.74		4.45	7.85	11.68	19.55	8.28	11.68	19.55
	16	1.54 ⁶	2.94 ⁶	5.86 ⁷	9.07	16.04	6.76 ⁷	10.33	16.04		3.81 ⁶	6.96	10.84	19.55	7.98	11.68	19.55
	24	0.07 ³	1.78 ³	4.29 ⁶	7.23 ⁶	13.67	5.49 ⁶	8.91 ⁶	13.67		2.63 ⁶	5.34 ⁶	8.97 ⁷	17.28	6.71 ⁶	10.34 ⁷	19.55
14	12	1.37 ³	2.68 ⁶	5.20 ⁶	8.00 ⁷	13.90	6.07 ⁶	9.21 ⁷	13.90		3.47 ⁶	6.20 ⁷	9.77	17.32	7.18 ⁷	10.79	18.08
	16	0.53 ³	1.93 ³	4.20 ⁶	6.82 ⁶	12.40 ⁷	5.24 ⁶	8.28 ⁶	12.40 ⁷		2.70 ⁶	5.15 ⁶	8.54 ⁶	15.72	6.35 ⁶	9.76 ⁶	17.73
	24	-	-	2.46 ³	4.78 ³	9.80 ⁶	3.79 ³	6.64 ³	9.80 ⁶		1.11 ³	3.32 ³	6.38 ⁶	12.95 ⁶	4.87 ³	7.95 ⁶	15.51 ⁶
16	12	0.62 ²	1.79 ³	3.73 ³	6.01 ⁶	10.72 ⁷	4.66 ³	7.30 ⁶	10.72 ⁷		2.51 ³	4.57 ⁶	7.57 ⁶	13.64	5.63 ⁶	8.67 ⁶	15.43
	16	-	0.84 ²	2.69 ³	4.79 ³	9.18 ⁶	3.78 ³	6.30 ³	9.18 ⁶		1.66 ³	3.48 ³	6.26 ⁶	11.99 ⁶	4.74 ³	7.56 ⁶	14.08 ⁶
	24	-	-	0.14 ²	2.72 ²	6.58 ³	2.27 ²	4.60 ²	6.58 ³		-	1.26 ²	4.03 ³	9.17 ⁶	3.18 ²	5.65 ³	11.77 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)															
		33 ksi					50 ksi										
		33	43	54	68	97	54	68	97								
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87								
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87								
	24		6.05	9.86	13.91	23.87	10.22	13.91	23.87								
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32								
	16		5.98	10.03	13.65	23.32	10.03	13.65	23.32								
	24		5.53	9.22	13.28	23.32	10.03	13.65	23.32								
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73								
	16		5.80	9.76	13.36	22.73	9.83	13.36	22.73								
	24		4.86	8.51	12.52	22.73	9.83	13.36	22.73								
12	12		5.33	9.26	12.71	21.46	9.38	12.71	21.46								
	16		4.67 ⁷	8.34	12.20	21.46	9.35	12.71	21.46								
	24		3.43 ⁶	6.65 ⁶	10.27 ⁷	20.13	8.03 ⁶	11.94 ⁷	20.13								
14	12		4.27 ⁶	7.49 ⁷	10.96	20.13	8.49 ⁷	11.97	20.13								
	16		3.46 ⁶	6.39 ⁶	9.69 ⁷	18.54	7.61 ⁶	11.18 ⁷	18.54								
	24		2.01 ³	4.46 ³	7.45 ⁶	15.68 ⁷	6.04 ³	9.38 ⁶	15.68 ⁷								
16	12		3.21 ⁶	5.77 ⁶	8.65 ⁶	16.47	6.88 ⁶	10.01 ⁶	16.47								
	16		2.31 ³	4.58 ⁶	7.28 ⁶	14.70 ⁷	5.90 ⁶	8.89 ⁶	14.70 ⁷								
	24		-	2.54 ³	4.92 ³	11.68 ⁶	4.20 ³	6.95 ³	11.68 ⁶								

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.87	4.20	7.51	10.60		7.65	10.60		3.28	4.80	8.55	12.01	19.20	8.71	12.01	19.20
	24	2.51	4.20	6.93	10.06		7.65	10.60		3.03	4.80	7.97	11.39	19.20	8.71	12.01	19.20
9	12	2.85	4.15	7.55	10.42		7.55	10.42		3.25	4.74	8.61	11.81	18.87	8.61	11.81	18.87
	16	2.67	4.15	7.21	10.37		7.55	10.42		3.20	4.74	8.25	11.69	18.87	8.61	11.81	18.87
	24	2.14	3.93	6.47	9.55		7.55	10.42		2.65	4.68	7.51	10.89	18.87	8.61	11.81	18.87
10	12	2.71	4.10	7.32	10.21		7.45	10.21		3.22	4.68	8.35	11.58	18.52	8.50	11.58	18.52
	16	2.38	4.10	6.86	9.98		7.45	10.21		2.89	4.68	7.90	11.31	18.52	8.50	11.58	18.52
	24	1.70 ⁷	3.50	5.95	8.97		7.45	10.21		2.23	4.23	7.00	10.32	18.29	8.50	11.58	18.52
12	12	2.18	3.85	6.72	9.76		7.18	9.76		2.70	4.55	7.76	11.08	17.72	8.22	11.08	17.72
	16	1.73 ⁷	3.41	6.06	9.09		7.18	9.76		2.23 ⁷	4.11	7.11	10.44	17.72	8.22	11.08	17.72
	24	0.57 ⁶	2.55 ⁶	4.76 ⁷	7.64		6.58 ⁷	9.69		1.12 ⁶	3.23 ⁶	5.81	9.00	16.74	7.86	11.08	17.72
14	12	1.60 ⁶	3.19 ⁷	6.01	8.88		6.80	9.25		2.10 ⁶	3.86	7.05	10.38	16.83	7.80	10.51	16.83
	16	0.91 ⁶	2.62 ⁶	5.12 ⁷	7.89		6.33 ⁷	9.25		1.46 ⁶	3.27 ⁶	6.17 ⁷	9.40	16.68	7.54 ⁷	10.51	16.83
	24	-	1.51 ³	3.34 ⁶	6.06 ⁶		5.17 ⁶	7.93 ⁶		-	2.16 ⁶	4.39 ⁶	7.45 ⁶	14.31	6.32 ⁶	9.48 ⁶	16.73
16	12	0.98 ³	2.49 ⁶	4.80 ⁶	7.26 ⁷		5.84 ⁶	8.54 ⁷		1.45 ⁶	3.11 ⁶	5.88 ⁷	8.71	15.34	6.98 ⁷	9.90	15.86
	16	-	1.82 ³	3.83 ⁶	6.13 ⁶		5.11 ⁶	7.70 ⁶		0.36 ³	2.40 ⁶	4.86 ⁶	7.52 ⁶	13.82	6.20 ⁶	9.16 ⁶	15.86
	24	-	0.02 ²	1.71 ³	4.11 ³		3.78 ³	6.17 ³		-	0.80 ³	2.77 ³	5.39 ⁶	11.11 ⁶	4.79 ³	7.56 ⁶	13.88 ⁶

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	24	3.15	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.47	13.29	23.46	9.69	13.29	23.46
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	16	3.32	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	24	2.77	4.66	8.13	12.17	20.88	8.44	12.44	20.88		5.54	9.02	13.18	23.16	9.58	13.18	23.16
10	12	3.31	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	16	3.01	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.40	13.06	22.83	9.46	13.06	22.83
	24	2.35	4.23	7.63	11.61	20.26	8.35	12.24	20.26		5.24	8.53	13.06	22.83	9.46	13.06	22.83
12	12	2.81	4.64	8.16	11.79	19.64	8.16	11.79	19.64		5.38	9.18	12.78	22.11	9.18	12.78	22.11
	16	2.34	4.18	7.73	11.73	19.64	8.16	11.79	19.64		5.15	8.63	12.78	22.11	9.18	12.78	22.11
	24	1.23 ⁶	3.26 ⁷	6.46	10.32	18.76	7.78	11.79	18.76		4.21	7.38	11.95	22.03	9.14	12.78	22.11
14	12	2.19 ⁷	4.00	7.68	11.30	18.68	7.94	11.30	18.68		4.91	8.58	12.46	21.33	8.86	12.46	21.33
	16	1.58 ⁶	3.37 ⁷	6.81	10.64	18.68	7.66	11.30	18.68		4.27	7.73	12.31	21.33	8.86	12.46	21.33
	24	-	2.13 ⁶	5.08 ⁶	8.78 ⁷	16.73	6.40 ⁶	10.50 ⁷	16.73		3.07 ⁶	6.03 ⁷	10.46	20.31	7.65 ⁷	11.89	21.33
16	12	1.55 ⁶	3.27 ⁶	6.49 ⁷	9.94	17.63	7.29 ⁷	10.78	17.63		4.12 ⁷	7.56	11.72	20.53	8.44	12.10	20.53
	16	0.55 ³	2.51 ⁶	5.47 ⁶	8.75 ⁷	16.10	6.46 ⁶	10.24 ⁷	16.10		3.34 ⁶	6.51 ⁷	10.50	19.81	7.61 ⁷	11.77	20.53
	24	-	0.55 ³	3.49 ³	6.59 ⁶	13.30 ⁷	4.95 ³	8.57 ⁶	13.30 ⁷		1.75 ³	4.46 ⁶	8.28 ⁶	16.88 ⁷	6.08 ⁶	9.98 ⁶	19.61 ⁷

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3. Effective area considers 1.5" holes in webs for axial load determination
4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.76	14.87	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	24		6.29	10.32	14.57	25.50	10.72	14.71	25.50					
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	16		6.24	10.59	14.53	25.25	10.59	14.53	25.25					
	24		6.19	9.82	14.04	25.25	10.59	14.53	25.25					
12	12		6.12	10.30	14.11	24.39	10.30	14.11	24.39					
	16		6.08	9.93	14.11	24.39	10.30	14.11	24.39					
	24		5.11	8.68	12.81	24.39	10.30	14.11	24.39					
14	12		5.82	9.87	13.64	23.43	9.97	13.64	23.43					
	16		5.16	9.02	13.18	23.43	9.97	13.64	23.43					
	24		3.90 ⁶	7.32 ⁷	11.35	23.15	8.98 ⁷	13.58	23.15					
16	12		4.96	8.94	13.05	22.41	9.60	13.10	22.41					
	16		4.15 ⁶	7.85 ⁷	11.80	22.41	8.92 ⁷	13.10	22.41					
	24		2.65 ⁶	5.76 ⁶	9.51 ⁶	19.66	7.31 ⁶	11.53 ⁶	19.66					

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.79	10.99		7.87	10.99		3.35	4.92	8.83	12.38	20.00	8.94	12.42	20.00
	24	2.75	4.31	7.32	10.55		7.87	10.99		3.28	4.92	8.36	11.86	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.79	10.84		7.79	10.84		3.32	4.87	8.86	12.26	19.74	8.86	12.26	19.74
	16	2.90	4.27	7.54	10.79		7.79	10.84		3.32	4.87	8.58	12.11	19.74	8.86	12.26	19.74
	24	2.42	4.27	6.95	10.13		7.79	10.84		2.94	4.87	7.98	11.45	19.74	8.86	12.26	19.74
10	12	2.89	4.23	7.63	10.68		7.71	10.68		3.30	4.83	8.66	12.08	19.46	8.76	12.08	19.46
	16	2.64	4.23	7.27	10.48		7.71	10.68		3.16	4.83	8.30	11.80	19.46	8.76	12.08	19.46
	24	2.02	3.89	6.53	9.66		7.71	10.68		2.57	4.65	7.56	10.99	19.27	8.76	12.08	19.46
12	12	2.47	4.13	7.15	10.32		7.52	10.32		2.99	4.72	8.18	11.67	18.82	8.56	11.67	18.82
	16	2.06	3.83	6.62	9.76		7.52	10.32		2.57	4.57	7.65	11.08	18.82	8.56	11.67	18.82
	24	1.04 ⁶	3.04	5.56	8.58		7.40	10.32		1.60 ⁷	3.76	6.59	9.91	18.00	8.56	11.67	18.82
14	12	1.95	3.65	6.58	9.71		7.25	9.90		2.47	4.36	7.61	11.04	18.09	8.29	11.21	18.09
	16	1.34 ⁶	3.12	5.86	8.91		7.25	9.90		1.90 ⁷	3.82	6.88	10.24	18.09	8.29	11.21	18.09
	24	-	2.11 ⁶	4.42 ⁷	7.31		6.16 ⁷	9.58		0.38 ⁶	2.78 ⁶	5.44 ⁷	8.65	16.50	7.42 ⁷	11.21	18.09
16	12	1.39 ⁶	3.01 ⁷	5.92	8.98		6.84	9.45		1.88 ⁶	3.68	6.94	10.30	17.29	7.91	10.71	17.29
	16	0.44 ⁶	2.36 ⁶	4.98 ⁷	7.93		6.14 ⁷	9.38		1.00 ⁶	3.01 ⁶	6.00 ⁷	9.27	17.01	7.35 ⁷	10.71	17.29
	24	-	0.81 ³	3.10 ⁶	5.83 ⁶		4.84 ⁶	7.99 ⁶		-	1.61 ⁶	4.12 ⁶	7.19 ⁶	14.49	5.99 ⁶	9.52 ⁶	17.06

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.40	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.82	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	3.07	4.84	8.58	12.71	21.74	8.66	12.86	21.74		5.65	9.46	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.29	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	24	2.70	4.61	8.17	12.26	21.21	8.59	12.70	21.21		5.62	9.05	13.43	23.74	9.74	13.43	23.74
12	12	3.11	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.52	13.21	23.15	9.52	13.21	23.15
	16	2.69	4.58	8.25	12.34	20.78	8.43	12.34	20.78		5.53	9.14	13.21	23.15	9.52	13.21	23.15
	24	1.72	3.75	7.21	11.20	19.97	8.43	12.34	19.97		4.76	8.11	12.79	23.15	9.52	13.21	23.15
14	12	2.57	4.44	8.21	11.93	20.00	8.26	11.93	20.00		5.41	9.09	12.96	22.49	9.26	12.96	22.49
	16	2.02 ⁷	3.87	7.50	11.52	20.00	8.26	11.93	20.00		4.84	8.40	12.96	22.49	9.26	12.96	22.49
	24	0.56 ⁶	2.73 ⁶	6.09	9.95	18.50	7.33	11.93	18.50		3.73 ⁷	7.00	11.56	21.76	8.69	12.96	22.49
16	12	1.98 ⁷	3.79	7.56	11.50	19.13	8.05	11.50	19.13		4.71	8.45	12.66	21.79	8.97	12.66	21.79
	16	1.13 ⁶	3.08 ⁷	6.64	10.56	19.13	7.44	11.50	19.13		3.99 ⁷	7.54	12.16	21.79	8.71	12.66	21.79
	24	-	1.42 ⁶	4.78 ⁶	8.51 ⁷	16.81	6.01 ⁶	10.52 ⁷	16.81		2.57 ⁶	5.72 ⁶	10.15 ⁷	20.11	7.28 ⁶	11.90 ⁷	21.79

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

35 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.74	15.08	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	24		6.37	10.34	14.64	26.06	10.88	14.97	26.06					
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	16		6.28	10.42	14.64	25.54	10.65	14.64	25.54					
	24		5.70	9.39	13.62	25.54	10.65	14.64	25.54					
14	12		6.17	10.38	14.26	24.76	10.38	14.26	24.76					
	16		5.77	9.68	13.93	24.76	10.38	14.26	24.76					
	24		4.63	8.28	12.42	24.55	10.10	14.26	24.55					
16	12		5.62	9.74	13.84	23.90	10.09	13.84	23.90					
	16		4.88	8.82	13.01	23.90	10.09	13.84	23.90					
	24		3.47 ⁶	7.00 ⁷	11.04	22.95	8.61 ⁷	13.57	22.95					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08					
	16		5.87	9.66	13.55	23.08	9.98	13.55	23.08					
	24		4.92	8.38	12.34	23.08	9.98	13.55	23.08					
9	12		5.82	9.77	13.25	22.46	9.77	13.25	22.46					
	16		5.21	8.98	12.98	22.46	9.77	13.25	22.46					
	24		4.05 ⁷	7.36	11.25	22.44	9.09	13.25	22.44					
10	12		5.23	9.22	12.91	21.80	9.54	12.91	21.80					
	16		4.50 ⁷	8.22	12.17	21.80	9.35	12.91	21.80					
	24		3.14 ⁶	6.21 ⁶	10.03 ⁷	20.18	7.90 ⁶	11.88 ⁷	20.18					
12	12		3.94 ⁶	7.15 ⁷	10.64	19.95	8.28 ⁷	12.01	19.95					
	16		3.01 ⁶	5.90 ⁶	9.20 ⁷	18.13	7.28 ⁶	10.88 ⁷	18.13					
	24		0.87 ³	3.57 ³	6.65 ⁶	14.92 ⁶	5.48 ³	8.84 ⁶	14.92 ⁶					
14	12		2.65 ³	5.11 ⁶	7.88 ⁶	15.68 ⁷	6.39 ⁶	9.42 ⁶	15.68 ⁷					
	16		1.60 ³	3.74 ³	6.32 ⁶	13.67 ⁶	5.25 ³	8.14 ⁶	13.67 ⁶					
	24		-	0.41 ²	3.62 ³	10.23 ³	3.28 ²	5.93 ³	10.23 ³					
16	12		1.50 ²	3.34 ³	5.69 ³	11.78 ⁶	4.66 ³	7.32 ³	11.78 ⁶					
	16		-	1.94 ²	4.06 ³	9.77 ³	3.48 ²	5.96 ³	9.77 ³					
	24		-	-	0.04 ²	6.37 ²	1.36 ²	3.66 ²	6.37 ²					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.98	11.17		7.98	11.17		3.38	4.97	9.05	12.61	20.38	9.05	12.61	20.38
	16	2.97	4.37	7.80	11.11		7.98	11.17		3.38	4.97	8.83	12.42	20.38	9.05	12.61	20.38
	24	2.71	4.37	7.33	10.57		7.98	11.17		3.25	4.97	8.35	11.88	20.38	9.05	12.61	20.38
9	12	2.95	4.33	7.85	11.04		7.91	11.04		3.36	4.93	8.88	12.46	20.15	8.97	12.46	20.15
	16	2.88	4.33	7.55	10.82		7.91	11.04		3.36	4.93	8.58	12.13	20.15	8.97	12.46	20.15
	24	2.34	4.25	6.95	10.15		7.91	11.04		2.90	4.93	7.97	11.46	19.93	8.97	12.46	20.15
10	12	2.92	4.29	7.64	10.90		7.83	10.90		3.33	4.89	8.67	12.23	19.90	8.89	12.31	19.90
	16	2.61	4.29	7.27	10.51		7.83	10.90		3.14	4.89	8.29	11.82	19.90	8.89	12.31	19.90
	24	1.89	3.85	6.52	9.67		7.83	10.90		2.45	4.62	7.54	10.99	19.36	8.89	12.31	19.90
12	12	2.44	4.21	7.15	10.37		7.66	10.58		2.96	4.80	8.17	11.69	19.33	8.71	11.95	19.33
	16	1.99	3.81	6.61	9.77		7.66	10.58		2.51	4.56	7.63	11.09	19.33	8.71	11.95	19.33
	24	0.84 ⁷	2.96	5.54	8.57		7.43	10.58		1.40 ⁷	3.70	6.55	9.89	18.06	8.71	11.95	19.33
14	12	1.90	3.64	6.57	9.72		7.46	10.21		2.42	4.38	7.59	11.04	18.69	8.51	11.54	18.69
	16	1.16 ⁶	3.07	5.84	8.91		7.38	10.21		1.72 ⁷	3.79	6.85	10.23	18.46	8.51	11.54	18.69
	24	-	1.83 ⁶	4.37 ⁷	7.27		6.21 ⁷	9.94		0.15 ⁶	2.64 ⁶	5.38 ⁷	8.60	16.52	7.50 ⁷	11.54	18.69
16	12	1.22 ⁶	2.99 ⁷	5.89	8.97		7.03	9.80		1.78 ⁶	3.68	6.91	10.29	17.97	8.18	11.09	17.97
	16	0.18 ⁶	2.29 ⁶	4.94 ⁷	7.91		6.27 ⁷	9.80		0.77 ⁶	2.96 ⁶	5.95 ⁷	9.23	17.27	7.52 ⁷	11.09	17.97
	24	-	0.36 ³	3.03 ⁶	5.77 ⁶		4.85 ⁶	8.39 ⁶		-	1.24 ⁶	4.03 ⁶	7.11 ⁶	14.75	6.04 ⁶	9.96 ⁶	17.93

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	24	3.37	4.90	8.81	13.14	22.33	8.81	13.19	22.33		5.74	9.78	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	24	3.02	4.88	8.56	12.72	21.84	8.76	13.06	21.84		5.71	9.39	13.69	24.40	9.95	13.69	24.40
10	12	3.42	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.87	13.61	24.17	9.87	13.61	24.17
	16	3.26	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.72	13.61	24.17	9.87	13.61	24.17
	24	2.57	4.56	8.13	12.25	21.29	8.70	12.92	21.29		5.63	8.97	13.61	24.17	9.87	13.61	24.17
12	12	3.09	4.82	8.56	12.60	21.31	8.56	12.60	21.31		5.60	9.60	13.41	23.64	9.67	13.41	23.64
	16	2.64	4.55	8.22	12.35	21.31	8.56	12.60	21.31		5.59	9.06	13.41	23.64	9.67	13.41	23.64
	24	1.53	3.66	7.15	11.17	20.02	8.56	12.60	20.02		4.69	7.97	12.75	23.22	9.67	13.41	23.64
14	12	2.53	4.42	8.18	12.23	20.62	8.40	12.23	20.62		5.42	9.01	13.19	23.05	9.45	13.19	23.05
	16	1.85	3.81	7.45	11.50	20.40	8.40	12.23	20.40		4.81	8.27	13.07	23.05	9.45	13.19	23.05
	24	0.27 ⁶	2.46 ⁷	5.99	9.89	18.51	7.34	12.23	18.51		3.62	6.80	11.49	21.75	8.75	13.19	23.05
16	12	1.91 ⁷	3.75	7.51	11.56	19.84	8.23	11.84	19.84		4.71	8.33	12.93	22.41	9.19	12.93	22.41
	16	0.90 ⁶	2.99 ⁷	6.56	10.51	19.25	7.51	11.84	19.25		3.94	7.37	12.10	22.41	8.84	12.93	22.41
	24	-	1.07 ⁶	4.66 ⁶	8.41 ⁷	16.78	5.99 ⁶	10.92 ⁷	16.78		2.22 ⁶	5.45 ⁷	10.04	20.06	7.31 ⁷	12.06	22.41

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3. Effective area considers 1.5" holes in webs for axial load determination
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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	11.05	15.42	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	24		6.47	10.67	15.08	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	10.99	15.18	26.44	11.01	15.18	26.44					
	24		6.43	10.23	14.63	26.44	11.01	15.18	26.44					
12	12		6.35	10.81	14.89	26.06	10.81	14.89	26.06					
	16		6.35	10.32	14.72	26.06	10.81	14.89	26.06					
	24		5.64	9.23	13.58	25.97	10.81	14.89	25.97					
14	12		6.26	10.28	14.56	25.38	10.58	14.56	25.38					
	16		5.75	9.54	13.90	25.38	10.58	14.56	25.38					
	24		4.54	8.05	12.34	24.54	10.17	14.56	24.54					
16	12		5.63	9.60	13.96	24.61	10.31	14.18	24.61					
	16		4.84	8.63	12.95	24.61	10.25	14.18	24.61					
	24		3.22 ⁶	6.69 ⁷	10.92	22.88	8.67 ⁷	13.79	22.88					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.27 ⁶	2.21 ⁶	4.03 ⁶	5.75 ⁷		4.81 ⁶	6.70 ⁷		1.70 ⁶	2.83 ⁶	5.07 ⁷	7.12	10.75	5.91 ⁷	8.07	11.61
	16	0.83 ³	1.72 ³	3.31 ⁶	4.93 ⁶		4.25 ⁶	6.07 ⁶		1.22 ³	2.30 ⁶	4.30 ⁶	6.25 ⁷	9.62	5.31 ⁶	7.46 ⁷	11.61
	24	-	0.80 ²	2.06 ³	3.51 ³		3.26 ³	4.96 ³		-	1.36 ³	2.96 ³	4.73 ⁶	7.66 ⁶	4.25 ³	6.28 ⁶	10.23 ⁶
9	12	0.83 ³	1.65 ³	3.04 ⁶	4.49 ⁶		3.87 ⁶	5.49 ⁶		1.20 ³	2.20 ⁶	3.94 ⁶	5.68 ⁶	8.64	4.82 ⁶	6.75 ⁶	10.42
	16	0.07 ²	1.11 ³	2.30 ³	3.64 ⁶		3.27 ³	4.82 ⁶		0.68 ²	1.62 ³	3.14 ³	4.77 ⁶	7.47 ⁶	4.18 ³	6.03 ⁶	9.56 ⁶
	24	-	-	0.89 ²	2.20 ³		2.25 ²	3.68 ³		-	0.22 ²	1.78 ²	3.21 ³	5.48 ⁶	3.08 ²	4.80 ³	8.10 ⁶
10	12	0.41 ²	1.14 ³	2.20 ³	3.40 ⁶		3.03 ³	4.40 ⁶		0.75 ²	1.62 ³	2.96 ³	4.41 ⁶	6.79 ⁶	3.85 ³	5.49 ⁶	8.58 ⁶
	16	-	0.58 ²	1.47 ²	2.56 ³		2.43 ²	3.73 ³		-	1.02 ²	2.16 ³	3.50 ³	5.64 ⁶	3.20 ³	4.77 ³	7.72 ⁶
	24	-	-	-	1.15 ²		1.42 ²	2.59 ²		-	-	0.34 ²	1.97 ²	3.69 ³	2.11 ²	3.54 ²	6.26 ³
12	12	-	0.08 ²	0.96 ²	1.76 ²		1.72 ²	2.69 ²		-	0.68 ²	1.47 ²	2.46 ³	3.98 ³	2.31 ²	3.47 ³	5.62 ³
	16	-	-	-	0.99 ²		1.17 ²	2.07 ²		-	-	0.74 ²	1.63 ²	2.93 ³	1.70 ²	2.80 ²	4.83 ³
	24	-	-	-	-		-	1.02 ¹		-	-	-	-	0.64 ²	0.69 ¹	1.66 ²	3.49 ²
14	12	-	-	-	0.70 ²		0.86 ¹	1.51 ²		-	-	0.52 ²	1.18 ²	2.13 ²	1.26 ²	2.07 ²	3.57 ²
	16	-	-	-	-		0.10 ¹	0.97 ¹		-	-	-	-	1.21 ²	0.73 ¹	1.47 ¹	2.88 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	0.02 ¹	1.71 ¹
16	12	-	-	-	-		0.14 ¹	0.77 ¹		-	-	-	0.06 ¹	0.98 ²	0.59 ¹	1.16 ¹	2.24 ²
	16	-	-	-	-		-	-		-	-	-	-	-	-	0.64 ¹	1.63 ¹
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	0.26 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.86 ⁶	3.11 ⁷	5.76	8.40	13.02	6.37	8.96	13.02		3.95	6.81	10.18	16.14	7.36	10.26	16.14
	16	1.38 ⁶	2.54 ⁶	4.99 ⁶	7.51 ⁷	11.85	5.73 ⁶	8.60 ⁷	11.85		3.38 ⁶	6.02 ⁷	9.27	15.36	6.89 ⁷	10.12	16.14
	24	0.14 ³	1.54 ³	3.64 ⁶	5.96 ⁶	9.80 ⁷	4.60 ⁶	7.36 ⁶	9.80 ⁷		2.34 ⁶	4.62 ⁶	7.66 ⁶	13.18	5.76 ⁶	8.76 ⁶	15.74
9	12	1.37 ³	2.48 ⁶	4.66 ⁶	6.94 ⁷	10.66	5.34 ⁶	7.94 ⁷	10.66		3.26 ⁶	5.63 ⁷	8.64	13.85	6.43 ⁷	9.43	14.89
	16	0.84 ³	1.85 ³	3.84 ⁶	5.99 ⁶	9.43 ⁷	4.64 ⁶	7.16 ⁶	9.43 ⁷		2.61 ⁶	4.77 ⁶	7.63 ⁷	12.52	5.72 ⁶	8.57 ⁷	14.65
	24	-	0.32 ²	2.42 ³	4.35 ³	7.32 ⁶	3.43 ³	5.82 ³	7.32 ⁶		1.46 ³	3.26 ³	5.88 ⁶	10.23 ⁶	4.48 ³	7.07 ⁶	12.92 ⁶
10	12	0.91 ³	1.86 ³	3.63 ⁶	5.56 ⁶	8.55 ⁷	4.33 ⁶	6.58 ⁶	8.55 ⁷		2.58 ⁶	4.45 ⁶	7.08 ⁶	11.32	5.28 ⁶	7.91 ⁶	13.17
	16	-	1.20 ²	2.79 ³	4.59 ⁶	7.32 ⁶	3.60 ³	5.78 ⁶	7.32 ⁶		1.88 ³	3.57 ³	6.04 ⁶	9.98 ⁷	4.54 ³	7.00 ⁶	12.14 ⁷
	24	-	-	1.37 ²	2.95 ³	5.24 ³	2.38 ²	4.42 ³	5.24 ³		0.16 ²	2.05 ²	4.26 ³	7.71 ⁶	3.28 ²	5.46 ³	10.39 ⁶
12	12	-	0.83 ²	2.01 ²	3.29 ³	5.27 ⁶	2.68 ²	4.25 ³	5.27 ⁶		1.39 ²	2.73 ³	4.53 ³	7.29 ⁶	3.59 ³	5.34 ³	9.03 ⁶
	16	-	-	1.20 ²	2.39 ²	4.13 ³	1.98 ²	3.50 ²	4.13 ³		0.35 ²	1.83 ²	3.51 ³	6.04 ³	2.82 ²	4.45 ³	8.06 ³
	24	-	-	-	0.33 ²	2.23 ²	0.80 ¹	2.24 ²	2.23 ²		-	-	1.81 ²	3.95 ²	1.53 ²	2.96 ²	6.42 ²
14	12	-	-	0.87 ²	1.76 ²	3.05 ³	1.48 ²	2.62 ²	3.05 ³		0.22 ²	1.38 ²	2.63 ²	4.52 ³	2.18 ²	3.35 ²	6.07 ³
	16	-	-	-	0.96 ²	2.06 ²	0.85 ¹	1.95 ²	2.06 ²		-	0.05 ²	1.72 ²	3.41 ²	1.47 ²	2.56 ²	5.20 ²
	24	-	-	-	-	-	-	0.83 ¹	-		-	-	-	1.55 ²	-	1.23 ¹	3.75 ²
16	12	-	-	-	0.78 ¹	1.63 ²	0.69 ¹	1.53 ¹	1.63 ²		-	0.14 ¹	1.37 ²	2.68 ²	1.18 ¹	2.01 ²	4.03 ²
	16	-	-	-	-	0.40 ²	-	0.95 ¹	0.40 ²		-	-	0.16 ¹	1.71 ²	0.31 ¹	1.31 ¹	3.27 ²
	24	-	-	-	-	-	-	-	-		-	-	-	-	-	-	2.00 ¹

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		4.80	8.16	11.18	17.96	8.43	11.18	17.96					
	16		4.19 ⁷	7.33	10.52	17.96	8.21	11.18	17.96					
	24		3.09 ⁶	5.85 ⁶	8.84 ⁷	15.88	7.01 ⁶	10.25 ⁷	15.88					
9	12		4.03 ⁷	6.87	9.79	16.60	7.69	10.61	16.60					
	16		3.34 ⁶	5.95 ⁶	8.74 ⁷	15.22	6.93 ⁶	9.94 ⁷	15.22					
	24		2.11 ³	4.34 ⁶	6.91 ⁶	12.84 ⁷	5.60 ⁶	8.44 ⁶	12.84 ⁷					
10	12		3.27 ⁶	5.63 ⁶	8.13 ⁷	14.02	6.51 ⁶	9.20 ⁷	14.02					
	16		2.52 ³	4.66 ⁶	7.03 ⁶	12.58 ⁷	5.70 ⁶	8.29 ⁶	12.58 ⁷					
	24		1.22 ²	3.00 ³	5.15 ³	10.13 ⁶	4.30 ³	6.72 ³	10.13 ⁶					
12	12		1.92 ³	3.52 ³	5.49 ⁶	9.31 ⁶	4.41 ³	6.60 ⁶	9.31 ⁶					
	16		1.13 ²	2.55 ²	4.37 ³	7.95 ⁶	3.58 ²	5.65 ³	7.95 ⁶					
	24		-	0.31 ²	2.49 ²	5.68 ³	2.19 ²	4.06 ²	5.68 ³					
14	12		0.89 ²	1.98 ²	3.35 ³	5.98 ³	2.81 ²	4.36 ³	5.98 ³					
	16		-	1.07 ²	2.32 ²	4.77 ³	2.04 ²	3.49 ²	4.77 ³					
	24		-	-	-	2.75 ²	0.27 ¹	2.04 ²	2.75 ²					
16	12		-	0.90 ²	1.84 ²	3.73 ²	1.65 ²	2.73 ²	3.73 ²					
	16		-	-	0.95 ²	2.68 ²	0.95 ¹	1.97 ²	2.68 ²					
	24		-	-	-	0.17 ¹	-	0.21 ¹	0.17 ¹					

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- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.56 ⁶	2.63 ⁶	4.83	6.85		5.60	7.55		2.04 ⁶	3.29 ⁷	5.98	8.35	13.07	6.71	8.76	13.07
	16	1.13 ³	2.14 ⁶	4.11 ⁶	6.03 ⁷		5.05 ⁶	7.17 ⁷		1.58 ⁶	2.78 ⁶	5.21 ⁷	7.49	12.08	6.21 ⁷	8.69	13.07
	24	-	1.26 ³	2.83 ⁶	4.57 ⁶		4.06 ⁶	6.06 ⁶		0.52 ³	1.85 ³	3.85 ⁶	5.94 ⁶	10.13 ⁷	5.16 ⁶	7.52 ⁶	12.41 ⁷
9	12	1.13 ³	2.07 ⁶	3.82 ⁶	5.57 ⁷		4.67 ⁶	6.60 ⁷		1.54 ⁶	2.68 ⁶	4.84 ⁶	6.91	11.02	5.74 ⁶	8.01	12.14
	16	0.61 ³	1.53 ³	3.05 ⁶	4.68 ⁶		4.06 ⁶	5.91 ⁶		1.03 ³	2.10 ³	4.01 ⁶	5.96 ⁶	9.82	5.09 ⁶	7.28 ⁶	11.72
	24	-	0.16 ²	1.71 ³	3.15 ³		3.00 ³	4.71 ³		-	1.08 ²	2.58 ³	4.33 ⁶	7.75 ⁶	3.95 ³	6.00 ⁶	10.17 ⁶
10	12	0.72 ²	1.55 ³	2.92 ⁶	4.39 ⁶		3.79 ⁶	5.47 ⁶		1.08 ³	2.08 ³	3.80 ⁶	5.57 ⁶	9.00	4.74 ⁶	6.72 ⁶	10.67
	16	-	0.97 ²	2.13 ³	3.49 ³		3.16 ³	4.75 ³		0.25 ²	1.47 ³	2.95 ³	4.59 ⁶	7.78 ⁶	4.06 ³	5.95 ⁶	9.74 ⁶
	24	-	-	0.26 ²	1.94 ²		2.08 ²	3.52 ²		-	-	1.50 ²	2.94 ³	5.69 ⁶	2.89 ²	4.63 ³	8.14 ⁶
12	12	-	0.66 ²	1.49 ²	2.52 ³		2.34 ²	3.56 ³		-	1.06 ²	2.12 ³	3.38 ³	5.73 ⁶	3.05 ³	4.51 ³	7.34 ⁶
	16	-	-	0.43 ²	1.65 ²		1.72 ²	2.86 ²		-	0.04 ²	1.30 ²	2.44 ²	4.56 ³	2.37 ²	3.75 ²	6.43 ³
	24	-	-	-	-		0.68 ¹	1.68 ²		-	-	-	0.24 ²	2.61 ²	1.24 ²	2.48 ²	4.90 ²
14	12	-	-	0.27 ²	1.23 ²		1.31 ²	2.19 ²		-	-	0.97 ²	1.85 ²	3.44 ³	1.82 ²	2.89 ²	4.90 ³
	16	-	-	-	-		0.74 ¹	1.55 ²		-	-	-	0.99 ²	2.39 ²	1.20 ¹	2.19 ²	4.08 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	1.02 ¹	2.70 ²
16	12	-	-	-	0.01 ¹		0.62 ¹	1.24 ¹		-	-	-	0.82 ²	1.90 ²	0.98 ¹	1.75 ²	3.19 ²
	16	-	-	-	-		-	0.67 ¹		-	-	-	-	0.98 ²	0.14 ¹	1.13 ¹	2.46 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	1.25 ¹

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4. Allowable loads based on continuous bracing of each flange for flexural calculation
5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.18 ⁷	3.53	6.55	9.58	14.87	6.94	9.58	14.87		4.43	7.69	10.79	17.58	7.79	10.79	17.58
	16	1.72 ⁶	3.00 ⁶	5.81	8.75	14.49	6.53	9.58	14.49		3.89 ⁷	6.94	10.49	17.58	7.78	10.79	17.58
	24	0.75 ³	2.03 ⁶	4.49 ⁶	7.21 ⁶	12.47	5.45 ⁶	8.60 ⁶	12.47		2.89 ⁶	5.57 ⁶	8.93 ⁷	16.02	6.70 ⁶	10.01 ⁷	17.58
9	12	1.71 ⁶	2.95 ⁶	5.55 ⁷	8.19	13.25	6.23 ⁷	9.14	13.25		3.79 ⁷	6.58	9.99	16.66	7.36	10.47	16.66
	16	1.18 ³	2.33 ⁶	4.71 ⁶	7.23 ⁷	12.01	5.53 ⁶	8.41 ⁷	12.01		3.15 ⁶	5.72 ⁷	8.99	15.46	6.68 ⁷	9.93	16.66
	24	-	1.20 ³	3.25 ³	5.54 ⁶	9.84 ⁶	4.31 ³	7.06 ⁶	9.84 ⁶		2.02 ³	4.20 ⁶	7.22 ⁶	13.14 ⁷	5.44 ⁶	8.44 ⁶	15.58 ⁷
10	12	1.24 ³	2.35 ⁶	4.51 ⁶	6.83 ⁷	11.01	5.24 ⁶	7.90 ⁷	11.01		3.13 ⁶	5.48 ⁶	8.51	14.18	6.34 ⁶	9.37	15.47
	16	0.58 ²	1.68 ³	3.63 ⁶	5.80 ⁶	9.71 ⁷	4.49 ⁶	7.07 ⁶	9.71 ⁷		2.43 ³	4.55 ⁶	7.42 ⁶	12.78	5.58 ⁶	8.44 ⁶	14.78
	24	-	-	2.12 ³	4.05 ³	7.50 ⁶	3.20 ³	5.63 ³	7.50 ⁶		1.14 ²	2.94 ³	5.55 ⁶	10.38 ⁶	4.25 ³	6.83 ⁶	12.90 ⁶
12	12	0.16 ²	1.25 ²	2.72 ³	4.37 ³	7.26 ⁶	3.47 ³	5.44 ³	7.26 ⁶		1.90 ³	3.51 ³	5.76 ⁶	9.68 ⁶	4.43 ³	6.66 ⁶	11.38 ⁶
	16	-	0.12 ²	1.84 ²	3.36 ³	6.01 ⁶	2.71 ²	4.60 ³	6.01 ⁶		1.14 ²	2.55 ³	4.65 ³	8.32 ⁶	3.62 ³	5.70 ³	10.28 ⁶
	24	-	-	-	1.66 ²	3.91 ³	1.42 ²	3.19 ²	3.91 ³		-	0.30 ²	2.78 ²	6.01 ³	2.25 ²	4.07 ²	8.43 ³
14	12	-	0.02 ²	1.41 ²	2.57 ²	4.58 ³	2.11 ²	3.56 ²	4.58 ³		0.91 ²	2.05 ²	3.64 ³	6.39 ⁶	2.95 ²	4.49 ³	7.94 ⁶
	16	-	-	0.12 ²	1.64 ²	3.45 ²	1.40 ²	2.79 ²	3.45 ²		-	1.11 ²	2.60 ²	5.14 ³	2.15 ²	3.58 ²	6.93 ³
	24	-	-	-	-	1.55 ²	-	1.49 ¹	1.55 ²		-	-	0.11 ²	3.04 ²	0.38 ¹	2.05 ²	5.24 ²
16	12	-	-	0.20 ²	1.34 ²	2.73 ²	1.14 ²	2.23 ²	2.73 ²		-	0.94 ²	2.11 ²	4.07 ³	1.77 ²	2.87 ²	5.45 ³
	16	-	-	-	-	1.73 ²	0.17 ¹	1.53 ¹	1.73 ²		-	-	1.18 ²	2.96 ²	1.04 ¹	2.05 ²	4.56 ²
	24	-	-	-	-	-	-	-	-		-	-	-	0.47 ²	-	0.10 ¹	3.05 ²

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		5.32	8.87	11.84	19.50	8.87	11.84	19.50					
	16		4.76	8.32	11.84	19.50	8.87	11.84	19.50					
	24		3.71 ⁶	6.90 ⁷	10.27	18.88	8.03 ⁷	11.62	18.88					
9	12		4.62	7.91	11.23	18.54	8.52	11.35	18.54					
	16		3.95 ⁶	7.01 ⁷	10.20	18.21	7.98 ⁷	11.35	18.21					
	24		2.75 ⁶	5.40 ⁶	8.37 ⁶	15.86	6.67 ⁶	9.91 ⁶	15.86					
10	12		3.89 ⁶	6.71 ⁷	9.46	16.96	7.59 ⁷	10.51	16.96					
	16		3.15 ⁶	5.72 ⁶	8.36 ⁷	15.50	6.78 ⁶	9.62 ⁷	15.50					
	24		1.83 ³	4.00 ³	6.44 ⁶	12.99 ⁶	5.35 ³	8.06 ⁶	12.99 ⁶					
12	12		2.51 ³	4.49 ⁶	6.82 ⁶	12.10 ⁷	5.45 ⁶	8.01 ⁶	12.10 ⁷					
	16		1.69 ³	3.45 ³	5.62 ⁶	10.61 ⁶	4.57 ³	7.00 ⁶	10.61 ⁶					
	24		-	1.69 ²	3.58 ³	8.12 ³	3.08 ²	5.29 ³	8.12 ³					
14	12		1.37 ²	2.76 ³	4.53 ³	8.19 ⁶	3.69 ³	5.68 ³	8.19 ⁶					
	16		0.04 ²	1.75 ²	3.36 ²	6.83 ³	2.83 ²	4.70 ²	6.83 ³					
	24		-	-	1.32 ²	4.55 ²	1.39 ²	3.05 ²	4.55 ²					
16	12		0.14 ²	1.50 ²	2.74 ²	5.42 ³	2.38 ²	3.79 ²	5.42 ³					
	16		-	-	1.68 ²	4.20 ²	1.57 ²	2.90 ²	4.20 ²					
	24		-	-	-	2.17 ²	-	1.40 ¹	2.17 ²					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.43	3.80	6.80	9.24		6.89	9.24		2.95	4.38	7.87	10.57	16.43	7.93	10.57	16.43
	16	2.09	3.46	6.24	9.14		6.89	9.24		2.60	4.20	7.32	10.50	16.43	7.93	10.57	16.43
	24	1.44 ⁶	2.73 ⁷	5.13	7.90		6.60	9.24		1.92 ⁶	3.45 ⁷	6.22	9.30	16.43	7.92	10.57	16.43
9	12	2.09 ⁷	3.41	6.36	8.91		6.65	8.91		2.61	4.13	7.43	10.21	15.86	7.68	10.21	15.86
	16	1.68 ⁶	2.95 ⁷	5.65	8.29		6.63	8.91		2.17 ⁶	3.65	6.73	9.86	15.86	7.68	10.21	15.86
	24	0.74 ³	2.08 ⁶	4.24 ⁶	6.80 ⁷		5.66 ⁶	8.32 ⁷		1.28 ⁶	2.75 ⁶	5.34 ⁷	8.34	14.80	6.92 ⁷	9.98	15.86
10	12	1.73 ⁶	2.95 ⁷	5.55	8.02		6.39	8.57		2.22 ⁶	3.64	6.77	9.61	15.26	7.39	9.82	15.26
	16	1.25 ⁶	2.41 ⁶	4.75 ⁶	7.09		5.80 ⁶	8.37		1.71 ⁶	3.08 ⁶	5.92 ⁷	8.65	14.83	7.02 ⁷	9.82	15.26
	24	-	1.42 ³	3.24 ⁶	5.42 ⁶		4.70 ⁶	7.13 ⁶		0.46 ³	2.04 ⁶	4.36 ⁶	6.90 ⁶	12.66	5.86 ⁶	8.69 ⁶	14.88
12	12	1.00 ³	2.01 ⁶	3.88 ⁶	5.87 ⁶		4.89 ⁶	7.11 ⁶		1.40 ³	2.61 ⁶	4.90 ⁶	7.23 ⁷	12.50	5.97 ⁶	8.54 ⁷	13.93
	16	0.07 ²	1.37 ³	2.95 ³	4.79 ⁶		4.17 ³	6.29 ⁶		0.63 ³	1.93 ³	3.91 ⁶	6.10 ⁶	11.07 ⁷	5.20 ⁶	7.67 ⁶	13.06 ⁷
	24	-	-	0.94 ²	2.93 ³		2.90 ²	4.83 ³		-	0.17 ²	2.09 ³	4.12 ³	8.59 ⁶	3.85 ³	6.14 ³	11.13 ⁶
14	12	0.01 ²	1.16 ²	2.43 ³	3.98 ⁶		3.50 ³	5.29 ⁶		0.55 ²	1.65 ³	3.25 ³	5.09 ⁶	9.24 ⁶	4.39 ³	6.49 ⁶	11.02 ⁶
	16	-	0.00 ²	1.49 ²	2.87 ³		2.73 ²	4.41 ³		-	0.87 ²	2.24 ³	3.91 ³	7.76 ⁶	3.57 ³	5.56 ³	9.83 ⁶
	24	-	-	-	0.20 ²		1.43 ²	2.91 ²		-	-	-	1.85 ²	5.23 ³	2.17 ²	3.95 ²	7.81 ³
16	12	-	0.08 ²	1.31 ²	2.47 ³		2.35 ²	3.76 ³		-	0.84 ²	1.94 ²	3.36 ³	6.57 ⁶	3.06 ²	4.74 ³	8.30 ⁶
	16	-	-	-	1.40 ²		1.60 ²	2.90 ²		-	-	0.54 ²	2.21 ²	5.13 ³	2.25 ²	3.81 ²	7.14 ³
	24	-	-	-	-		-	1.44 ²		-	-	-	-	2.70 ²	0.42 ¹	2.25 ²	5.18 ²

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2. Allowable axial load in kips/stud
3. Effective area considers 1.5" holes in webs for axial load determination
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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.09	4.45	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	16	2.74	4.30	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	24	2.07 ⁷	3.55	6.90	10.66	18.37	7.81	11.26	18.37		4.55	7.83	12.17	20.76	8.86	12.17	20.76
9	12	2.73	4.29	7.67	10.94	17.76	7.67	10.94	17.76		5.13	8.66	11.97	20.25	8.66	11.97	20.25
	16	2.31 ⁷	3.80	7.31	10.94	17.76	7.67	10.94	17.76		4.77	8.32	11.97	20.25	8.66	11.97	20.25
	24	1.47 ⁶	2.89 ⁶	6.05 ⁷	9.64	17.37	7.01 ⁷	10.94	17.37		3.84 ⁷	7.01	11.27	20.25	8.39	11.97	20.25
10	12	2.35 ⁷	3.84	7.23	10.61	17.10	7.52	10.61	17.10		4.77	8.44	11.75	19.72	8.44	11.75	19.72
	16	1.85 ⁶	3.26 ⁷	6.43	9.89	17.10	7.25	10.61	17.10		4.18	7.62	11.59	19.72	8.44	11.75	19.72
	24	0.68 ³	2.19 ⁶	4.96 ⁶	8.16 ⁷	15.10	6.08 ⁶	9.73 ⁷	15.10		3.09 ⁶	6.09 ⁷	9.87	18.70	7.38 ⁷	11.12	19.72
12	12	1.55 ⁶	2.86 ⁶	5.59 ⁶	8.51	14.75	6.43 ⁶	9.69	14.75		3.70 ⁶	6.62 ⁷	10.32	18.36	7.58 ⁷	11.26	18.49
	16	0.84 ³	2.13 ⁶	4.59 ⁶	7.35 ⁶	13.27	5.61 ⁶	8.78 ⁶	13.27		2.95 ⁶	5.60 ⁶	9.12 ⁷	16.79	6.77 ⁶	10.29 ⁷	18.49
	24	-	0.25 ³	2.85 ³	5.32 ⁶	10.68 ⁶	4.17 ³	7.16 ⁶	10.68 ⁶		1.50 ³	3.78 ³	6.99 ⁶	14.05 ⁷	5.31 ³	8.53 ⁶	16.59 ⁷
14	12	0.76 ²	1.87 ³	3.92 ⁶	6.31 ⁶	11.15 ⁷	4.85 ⁶	7.63 ⁶	11.15 ⁷		2.62 ³	4.85 ⁶	7.90 ⁶	14.23	5.93 ⁶	9.00 ⁶	16.04
	16	-	0.92 ²	2.85 ³	5.06 ³	9.59 ⁶	3.95 ³	6.61 ³	9.59 ⁶		1.76 ³	3.72 ³	6.57 ⁶	12.54 ⁶	5.01 ³	7.88 ⁶	14.67 ⁶
	24	-	-	0.28 ²	2.92 ²	6.92 ³	2.40 ²	4.86 ²	6.92 ³		-	1.43 ²	4.29 ³	9.66 ⁶	3.40 ²	5.93 ³	12.32 ⁶
16	12	-	0.98 ²	2.52 ³	4.34 ³	8.13 ⁶	3.46 ³	5.64 ³	8.13 ⁶		1.63 ³	3.30 ³	5.74 ⁶	10.66 ⁶	4.42 ³	6.87 ⁶	12.47 ⁶
	16	-	-	1.45 ²	3.11 ²	6.60 ³	2.55 ²	4.63 ²	6.60 ³		0.21 ²	2.14 ²	4.40 ³	8.99 ⁶	3.46 ²	5.71 ³	11.10 ⁶
	24	-	-	-	0.14 ²	4.03 ²	0.48 ²	2.91 ²	4.03 ²		-	-	2.13 ²	6.19 ³	1.83 ²	3.75 ²	8.78 ³

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- 3 Deflection exceeds L/360
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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load											
Wall Height (ft.)	Spacing (in.) O.C.	550S300-(mils)									
		33 ksi					50 ksi				
		33	43	54	68	97	54	68	97		
8	12		5.95	9.98	13.55	23.08	9.98	13.55	23.08		
	16		5.95	9.98	13.55	23.08	9.98	13.55	23.08		
	24		5.49	9.15	13.16	23.08	9.98	13.55	23.08		
9	12		5.86	9.77	13.25	22.46	9.77	13.25	22.46		
	16		5.70	9.63	13.25	22.46	9.77	13.25	22.46		
	24		4.74	8.33	12.29	22.46	9.77	13.25	22.46		
10	12		5.68	9.54	12.91	21.80	9.54	12.91	21.80		
	16		5.08	9.02	12.91	21.80	9.54	12.91	21.80		
	24		3.94 ⁶	7.42 ⁷	11.31	21.71	8.75 ⁷	12.83	21.71		
12	12		4.53 ⁷	7.96	11.57	20.40	8.92	12.17	20.40		
	16		3.75 ⁶	6.89 ⁷	10.34	19.58	8.07 ⁷	11.78	19.58		
	24		2.32 ³	4.98 ⁶	8.14 ⁶	16.79 ⁷	6.53 ⁶	10.03 ⁶	16.79 ⁷		
14	12		3.34 ⁶	6.03 ⁶	8.92 ⁷	17.04	7.14 ⁶	10.26 ⁷	17.04		
	16		2.43 ³	4.82 ⁶	7.55 ⁶	15.26 ⁷	6.15 ⁶	9.15 ⁶	15.26 ⁷		
	24		0.11 ²	2.74 ³	5.18 ³	12.21 ⁶	4.42 ³	7.21 ³	12.21 ⁶		
16	12		2.23 ³	4.28 ³	6.79 ⁶	13.16 ⁶	5.45 ³	8.24 ⁶	13.16 ⁶		
	16		1.27 ²	3.04 ³	5.34 ³	11.36 ⁶	4.41 ³	7.04 ³	11.36 ⁶		
	24		-	-	2.89 ²	8.33 ³	2.64 ²	4.99 ²	8.33 ³		

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- 2 Deflection exceeds L/240
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- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.63	3.91	7.04	9.61		7.09	9.61		3.12	4.50	8.10	10.96	17.17	8.14	10.96	17.17
	16	2.32	3.78	6.55	9.51		7.09	9.61		2.83	4.50	7.61	10.87	17.17	8.14	10.96	17.17
	24	1.73 ⁷	3.11	5.55	8.41		7.09	9.61		2.21 ⁷	3.84	6.63	9.79	17.17	8.14	10.96	17.17
9	12	2.32	3.73	6.65	9.32		6.93	9.32		2.84	4.41	7.71	10.65	16.68	7.98	10.65	16.68
	16	1.94 ⁷	3.31	6.02	8.93		6.93	9.32		2.44	4.03	7.09	10.30	16.68	7.98	10.65	16.68
	24	1.15 ⁶	2.50 ⁶	4.76 ⁷	7.53		6.35 ⁷	9.24		1.68 ⁶	3.19 ⁷	5.85	8.94	16.21	7.66	10.65	16.68
10	12	1.99 ⁷	3.31	6.20	8.97		6.70	9.01		2.50 ⁷	4.02	7.27	10.30	16.14	7.72	10.30	16.14
	16	1.54 ⁶	2.81 ⁶	5.43	8.09		6.49	9.01		2.03 ⁶	3.50 ⁷	6.50	9.66	16.14	7.72	10.30	16.14
	24	0.43 ³	1.87 ⁶	3.88 ⁶	6.48 ⁷		5.44 ⁶	8.13 ⁷		0.95 ³	2.52 ⁶	4.97 ⁶	7.98 ⁷	14.52	6.68 ⁶	9.76 ⁷	16.14
12	12	1.29 ³	2.42 ⁶	4.63 ⁶	6.91 ⁷		5.63 ⁶	8.12 ⁷		1.73 ⁶	3.06 ⁶	5.75 ⁷	8.38	14.41	6.79 ⁷	9.55	14.95
	16	0.58 ³	1.79 ³	3.71 ⁶	5.84 ⁶		4.92 ⁶	7.32 ⁶		1.11 ³	2.40 ⁶	4.77 ⁶	7.26 ⁷	12.99	6.04 ⁶	8.81 ⁷	14.95
	24	-	0.13 ²	1.83 ³	3.95 ³		3.66 ³	5.88 ³		-	1.01 ³	2.95 ³	5.27 ⁶	10.48 ⁶	4.70 ³	7.30 ⁶	13.05 ⁶
14	12	0.50 ²	1.56 ³	3.14 ³	4.97 ⁶		4.24 ³	6.32 ⁶		0.98 ³	2.11 ³	4.07 ⁶	6.22 ⁶	11.14 ⁷	5.23 ⁶	7.65 ⁶	12.96 ⁷
	16	-	0.73 ²	2.16 ³	3.82 ³		3.46 ³	5.42 ³		-	1.35 ³	3.01 ³	4.99 ⁶	9.58 ⁶	4.39 ³	6.70 ⁶	11.75 ⁶
	24	-	-	-	1.60 ²		2.10 ²	3.86 ²		-	-	0.51 ²	2.89 ³	6.91 ³	2.94 ²	5.04 ³	9.64 ³
16	12	-	0.80 ²	1.91 ³	3.33 ³		3.02 ³	4.71 ³		-	1.25 ²	2.65 ³	4.35 ³	8.26 ⁶	3.84 ³	5.82 ³	10.13 ⁶
	16	-	-	0.46 ²	2.18 ²		2.22 ²	3.79 ²		-	-	1.59 ²	3.12 ³	6.70 ³	2.98 ²	4.84 ³	8.88 ³
	24	-	-	-	-		0.37 ²	2.22 ²		-	-	-	0.10 ²	4.06 ²	1.52 ²	3.17 ²	6.76 ²

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.21	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	2.95	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	24	2.33	3.92	7.29	11.13	19.14	8.00	11.63	19.14		4.93	8.21	12.47	21.48	9.09	12.47	21.48
9	12	2.95	4.49	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.91	12.30	21.03	8.91	12.30	21.03
	16	2.55	4.15	7.73	11.35	18.60	7.88	11.35	18.60		5.14	8.64	12.30	21.03	8.91	12.30	21.03
	24	1.80 ⁶	3.31 ⁷	6.53	10.30	18.27	7.65	11.35	18.27		4.29	7.47	11.95	21.03	8.91	12.30	21.03
10	12	2.60	4.19	7.75	11.05	18.02	7.75	11.05	18.02		5.14	8.72	12.11	20.55	8.72	12.11	20.55
	16	2.13 ⁶	3.66	7.12	10.92	18.02	7.75	11.05	18.02		4.61	8.09	12.11	20.55	8.72	12.11	20.55
	24	1.08 ⁶	2.66 ⁶	5.68 ⁷	9.30	17.05	6.80 ⁷	10.78	17.05		3.59 ⁷	6.65	10.95	20.54	8.16	12.11	20.55
12	12	1.84 ⁶	3.29 ⁶	6.35	9.64	16.74	7.15	10.41	16.74		4.17 ⁷	7.46	11.42	19.55	8.28	11.68	19.55
	16	1.23 ³	2.59 ⁶	5.39 ⁶	8.52 ⁷	15.33	6.39 ⁶	9.90 ⁷	15.33		3.46 ⁶	6.48 ⁷	10.28	19.01	7.60 ⁷	11.41	19.55
	24	-	1.06 ³	3.67 ⁶	6.51 ⁶	12.74 ⁷	4.99 ⁶	8.34 ⁶	12.74 ⁷		2.15 ³	4.69 ⁶	8.22 ⁶	16.31	6.20 ⁶	9.74 ⁶	18.81
14	12	1.09 ³	2.35 ⁶	4.76 ⁶	7.48 ⁶	13.23	5.71 ⁶	8.80 ⁶	13.23		3.13 ⁶	5.74 ⁶	9.23 ⁷	16.61	6.82 ⁶	10.34 ⁷	18.08
	16	-	1.53 ³	3.67 ³	6.20 ⁶	11.61 ⁶	4.81 ³	7.78 ⁶	11.61 ⁶		2.29 ³	4.60 ⁶	7.88 ⁶	14.88 ⁷	5.91 ⁶	9.22 ⁶	17.06 ⁷
	24	-	-	1.41 ²	4.00 ³	8.81 ⁶	3.23 ²	6.00 ³	8.81 ⁶		0.09 ²	2.48 ³	5.54 ³	11.89 ⁶	4.29 ³	7.25 ³	14.66 ⁶
16	12	0.01 ²	1.43 ³	3.27 ³	5.47 ⁶	10.03 ⁶	4.27 ³	6.86 ⁶	10.03 ⁶		2.13 ³	4.09 ⁶	6.99 ⁶	12.91 ⁷	5.24 ⁶	8.18 ⁶	14.83 ⁷
	16	-	-	2.15 ²	4.16 ³	8.39 ⁶	3.32 ²	5.78 ³	8.39 ⁶		1.15 ²	2.90 ³	5.58 ³	11.12 ⁶	4.26 ³	6.98 ³	13.37 ⁶
	24	-	-	-	1.74 ²	5.60 ³	1.70 ²	3.95 ²	5.60 ³		-	-	3.18 ²	8.11 ³	2.59 ²	4.92 ²	10.89 ³

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	24		5.88	9.52	13.60	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.98	9.95	13.65	23.32	10.03	13.65	23.32					
	24		5.21	8.79	12.82	23.32	10.03	13.65	23.32					
10	12		5.90	9.83	13.36	22.73	9.83	13.36	22.73					
	16		5.53	9.41	13.36	22.73	9.83	13.36	22.73					
	24		4.48 ⁷	7.97	11.94	22.73	9.57	13.36	22.73					
12	12		5.04	8.86	12.71	21.46	9.38	12.71	21.46					
	16		4.30 ⁷	7.84	11.62	21.46	8.96	12.71	21.46					
	24		2.93 ⁶	5.98 ⁶	9.49 ⁷	19.16	7.50 ⁶	11.34 ⁷	19.16					
14	12		3.91 ⁶	7.01 ⁷	10.40	19.45	8.10 ⁷	11.74	19.45					
	16		3.02 ⁶	5.81 ⁶	9.01 ⁶	17.67	7.14 ⁶	10.64 ⁶	17.67					
	24		1.11 ³	3.70 ³	6.58 ⁶	14.58 ⁶	5.42 ³	8.68 ⁶	14.58 ⁶					
16	12		2.81 ³	5.24 ⁶	8.04 ⁶	15.68	6.45 ⁶	9.51 ⁶	15.68					
	16		1.83 ³	3.96 ³	6.56 ⁶	13.78 ⁶	5.39 ³	8.30 ⁶	13.78 ⁶					
	24		-	1.12 ²	4.02 ³	10.54 ⁶	3.55 ²	6.21 ³	10.54 ⁶					

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.65	10.60		7.65	10.60		3.28	4.80	8.71	12.01	19.20	8.71	12.01	19.20
	16	2.82	4.20	7.35	10.53		7.65	10.60		3.28	4.80	8.39	11.85	19.20	8.71	12.01	19.20
	24	2.33	4.15	6.69	9.79		7.65	10.60		2.85	4.80	7.73	11.12	19.20	8.71	12.01	19.20
9	12	2.83	4.15	7.42	10.42		7.55	10.42		3.25	4.74	8.46	11.81	18.87	8.61	11.81	18.87
	16	2.52	4.15	7.00	10.13		7.55	10.42		3.04	4.74	8.04	11.46	18.87	8.61	11.81	18.87
	24	1.89	3.71	6.16	9.20		7.55	10.42		2.42	4.46	7.20	10.54	18.56	8.61	11.81	18.87
10	12	2.57	4.10	7.12	10.21		7.45	10.21		3.08	4.68	8.16	11.58	18.52	8.50	11.58	18.52
	16	2.19	3.95	6.60	9.69		7.45	10.21		2.70	4.68	7.64	11.03	18.52	8.50	11.58	18.52
	24	1.33 ⁷	3.23	5.57	8.54		7.45	10.21		1.88 ⁷	3.96	6.61	9.89	17.79	8.50	11.58	18.52
12	12	1.98	3.66	6.44	9.51		7.18	9.76		2.50	4.38	7.48	10.85	17.72	8.22	11.08	17.72
	16	1.45 ⁶	3.16 ⁷	5.69	8.68		7.18	9.76		1.97 ⁷	3.86	6.74	10.03	17.72	8.22	11.08	17.72
	24	0.04 ⁶	2.20 ⁶	4.20 ⁶	7.02		6.20 ⁶	9.26		0.59 ⁶	2.86 ⁶	5.25 ⁷	8.39	16.01	7.46 ⁷	10.93	17.72
14	12	1.36 ⁶	2.94 ⁶	5.63	8.45		6.68	9.25		1.84 ⁶	3.61 ⁷	6.67	9.96	16.83	7.80	10.51	16.83
	16	0.43 ³	2.31 ⁶	4.61 ⁶	7.36 ⁷		5.99 ⁶	8.86 ⁷		0.98 ⁶	2.94 ⁶	5.66 ⁷	8.84	15.98	7.18 ⁷	10.45	16.83
	24	-	0.81 ³	2.58 ⁶	5.21 ⁶		4.70 ⁶	7.40 ⁶		-	1.60 ³	3.64 ⁶	6.61 ⁶	13.36 ⁷	5.83 ⁶	8.93 ⁶	16.04 ⁷
16	12	0.51 ³	2.20 ⁶	4.38 ⁶	6.77 ⁷		5.52 ⁶	8.17 ⁷		1.06 ³	2.80 ⁶	5.43 ⁶	8.18 ⁷	14.68	6.64 ⁶	9.65 ⁷	15.86
	16	-	1.46 ³	3.31 ⁶	5.52 ⁶		4.72 ⁶	7.24 ⁶		-	2.02 ³	4.30 ⁶	6.88 ⁶	13.01 ⁷	5.78 ⁶	8.68 ⁶	15.32 ⁷
	24	-	-	0.70 ³	3.14 ³		3.26 ³	5.57 ³		-	-	1.78 ³	4.56 ³	10.05 ⁶	4.24 ³	6.93 ³	13.07 ⁶

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	16	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	24	2.97	4.76	8.34	12.40	21.18	8.51	12.62	21.18		5.58	9.23	13.29	23.46	9.69	13.29	23.46
9	12	3.34	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	16	3.16	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.53	13.18	23.16	9.58	13.18	23.16
	24	2.54	4.43	7.82	11.83	20.52	8.44	12.44	20.52		5.46	8.72	13.18	23.16	9.58	13.18	23.16
10	12	3.21	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.46	13.06	22.83	9.46	13.06	22.83
	16	2.82	4.70	8.26	12.24	20.50	8.35	12.24	20.50		5.49	9.15	13.06	22.83	9.46	13.06	22.83
	24	2.00	3.95	7.25	11.20	19.78	8.35	12.24	19.78		4.95	8.16	12.80	22.83	9.46	13.06	22.83
12	12	2.60	4.45	8.10	11.79	19.64	8.16	11.79	19.64		5.38	8.99	12.78	22.11	9.18	12.78	22.11
	16	2.07 ⁷	3.91	7.37	11.33	19.64	8.16	11.79	19.64		4.87	8.27	12.78	22.11	9.18	12.78	22.11
	24	0.71 ⁶	2.87 ⁶	5.91	9.72	18.06	7.37	11.79	18.06		3.82 ⁷	6.85	11.36	21.35	8.73	12.78	22.11
14	12	1.93 ⁶	3.72	7.31	11.21	18.68	7.94	11.30	18.68		4.64	8.22	12.46	21.33	8.86	12.46	21.33
	16	1.10 ⁶	3.02 ⁶	6.32 ⁷	10.09	18.42	7.29 ⁷	11.30	18.42		3.92 ⁷	7.24	11.77	21.33	8.55	12.46	21.33
	24	-	1.43 ⁶	4.34 ⁶	7.98 ⁶	15.76	5.88 ⁶	9.93 ⁶	15.76		2.55 ⁶	5.30 ⁶	9.66 ⁷	19.35	7.13 ⁶	11.30 ⁷	21.33
16	12	1.18 ⁶	2.94 ⁶	6.04 ⁷	9.42	16.97	6.93 ⁷	10.75	16.97		3.78 ⁶	7.10 ⁷	11.19	20.53	8.08 ⁷	12.10	20.53
	16	-	2.09 ⁶	4.92 ⁶	8.10 ⁶	15.26	6.01 ⁶	9.74 ⁶	15.26		2.92 ⁶	5.94 ⁶	9.84 ⁷	18.93	7.16 ⁶	11.24 ⁷	20.53
	24	-	-	2.52 ³	5.74 ⁶	12.20 ⁶	4.35 ³	7.91 ⁶	12.20 ⁶		0.84 ³	3.51 ³	7.40 ⁶	15.73 ⁷	5.47 ³	9.27 ⁶	18.71 ⁷

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)															
		33 ksi					50 ksi										
		33	43	54	68	97	54	68	97								
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72								
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72								
	24		6.34	10.52	14.79	25.72	10.83	14.87	25.72								
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50								
	16		6.29	10.72	14.71	25.50	10.72	14.71	25.50								
	24		6.29	10.01	14.25	25.50	10.72	14.71	25.50								
10	12		6.24	10.59	14.53	25.25	10.59	14.53	25.25								
	16		6.24	10.44	14.53	25.25	10.59	14.53	25.25								
	24		5.89	9.45	13.64	25.25	10.59	14.53	25.25								
12	12		6.12	10.28	14.11	24.39	10.30	14.11	24.39								
	16		5.80	9.57	13.77	24.39	10.30	14.11	24.39								
	24		4.70	8.14	12.23	24.16	10.13	14.11	24.16								
14	12		5.53	9.51	13.64	23.43	9.97	13.64	23.43								
	16		4.79	8.54	12.66	23.43	9.92	13.64	23.43								
	24		3.39 ⁶	6.60 ⁷	10.57	22.26	8.44 ⁷	13.00	22.26								
16	12		4.61 ⁷	8.46	12.50	22.41	9.41	13.10	22.41								
	16		3.71 ⁶	7.26 ⁷	11.12	21.71	8.44 ⁷	12.77	21.71								
	24		1.77 ³	4.81 ⁶	8.59 ⁶	18.50 ⁷	6.66 ⁶	10.82 ⁶	18.50 ⁷								

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.87	10.99		7.87	10.99		3.35	4.92	8.94	12.42	20.00	8.94	12.42	20.00
	16	2.94	4.31	7.66	10.92		7.87	10.99		3.35	4.92	8.69	12.23	20.00	8.94	12.42	20.00
	24	2.59	4.31	7.12	10.32		7.87	10.99		3.12	4.92	8.15	11.64	20.00	8.94	12.42	20.00
9	12	2.92	4.27	7.71	10.84		7.79	10.84		3.32	4.87	8.75	12.26	19.74	8.86	12.26	19.74
	16	2.76	4.27	7.37	10.60		7.79	10.84		3.29	4.87	8.41	11.92	19.74	8.86	12.26	19.74
	24	2.19	4.08	6.70	9.85		7.79	10.84		2.74	4.85	7.73	11.17	19.49	8.86	12.26	19.74
10	12	2.81	4.23	7.48	10.68		7.71	10.68		3.30	4.83	8.51	12.03	19.46	8.76	12.08	19.46
	16	2.47	4.23	7.06	10.25		7.71	10.68		2.99	4.83	8.09	11.57	19.46	8.76	12.08	19.46
	24	1.70	3.65	6.22	9.31		7.71	10.68		2.26	4.41	7.25	10.64	18.86	8.76	12.08	19.46
12	12	2.29	4.06	6.92	10.10		7.52	10.32		2.81	4.72	7.95	11.42	18.82	8.56	11.67	18.82
	16	1.81	3.60	6.32	9.42		7.52	10.32		2.33	4.34	7.35	10.75	18.82	8.56	11.67	18.82
	24	0.58 ⁶	2.71 ⁷	5.11	8.08		7.05	10.32		1.13 ⁶	3.42	6.14	9.41	17.40	8.37	11.67	18.82
14	12	1.72 ⁷	3.42	6.27	9.37		7.25	9.90		2.23	4.13	7.30	10.69	18.09	8.29	11.21	18.09
	16	0.92 ⁶	2.82 ⁷	5.45	8.45		6.93	9.90		1.48 ⁶	3.52 ⁷	6.47	9.79	17.85	8.22	11.21	18.09
	24	-	1.50 ⁶	3.80 ⁶	6.62 ⁷		5.72 ⁶	9.11 ⁷		-	2.31 ⁶	4.83 ⁶	7.97	15.69	6.96 ⁶	10.75	18.09
16	12	0.99 ⁶	2.73 ⁶	5.51 ⁷	8.53		6.54 ⁷	9.45		1.54 ⁶	3.39 ⁷	6.54	9.86	17.29	7.76	10.71	17.29
	16	-	2.00 ⁶	4.44 ⁶	7.33 ⁷		5.76 ⁶	8.97 ⁷		0.39 ⁶	2.65 ⁶	5.46 ⁶	8.67	16.26	6.95 ⁶	10.54	17.29
	24	-	0.01 ³	2.30 ³	4.93 ⁶		4.31 ³	7.43 ⁶		-	0.82 ³	3.31 ⁶	6.30 ⁶	13.47 ⁷	5.43 ⁶	8.94 ⁶	16.32 ⁷

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	24	3.24	4.86	8.72	12.90	21.96	8.72	13.01	21.96		5.69	9.63	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	24	2.86	4.78	8.33	12.44	21.41	8.66	12.86	21.41		5.65	9.21	13.53	24.00	9.83	13.53	24.00
10	12	3.39	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.74	13.43	23.74	9.74	13.43	23.74
	16	3.12	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.56	13.43	23.74	9.74	13.43	23.74
	24	2.38	4.36	7.86	11.91	20.80	8.59	12.70	20.80		5.41	8.75	13.43	23.74	9.74	13.43	23.74
12	12	2.93	4.76	8.43	12.34	20.78	8.43	12.34	20.78		5.53	9.43	13.21	23.15	9.52	13.21	23.15
	16	2.45	4.34	7.96	12.02	20.78	8.43	12.34	20.78		5.36	8.84	13.21	23.15	9.52	13.21	23.15
	24	1.26 ⁷	3.40	6.77	10.71	19.39	8.18	12.34	19.39		4.40	7.67	12.30	22.62	9.52	13.21	23.15
14	12	2.33	4.19	7.91	11.93	20.00	8.26	11.93	20.00		5.16	8.80	12.96	22.49	9.26	12.96	22.49
	16	1.60 ⁷	3.55	7.10	11.07	19.82	8.15	11.93	19.82		4.52	8.00	12.66	22.49	9.26	12.96	22.49
	24	-	2.12 ⁶	5.48 ⁷	9.28	17.71	6.85 ⁷	11.70	17.71		3.27 ⁷	6.40	10.90	20.99	8.22	12.96	22.49
16	12	1.67 ⁶	3.48 ⁷	7.16	11.15	19.13	7.87	11.50	19.13		4.40	8.06	12.66	21.79	8.97	12.66	21.79
	16	0.58 ⁶	2.69 ⁶	6.11 ⁷	9.97	18.53	7.02 ⁷	11.50	18.53		3.60 ⁷	7.02	11.59	21.78	8.29	12.66	21.79
	24	-	0.55 ³	3.99 ⁶	7.63 ⁶	15.78	5.43 ⁶	9.92 ⁶	15.78		1.76 ⁶	4.94 ⁶	9.29 ⁷	19.11	6.69 ⁶	11.27 ⁷	21.79

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

40 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	10.91	15.24	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.50	14.81	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.85	14.97	26.06	10.88	14.97	26.06					
	24		6.37	10.03	14.31	26.06	10.88	14.97	26.06					
12	12		6.28	10.65	14.64	25.54	10.65	14.64	25.54					
	16		6.28	10.13	14.42	25.54	10.65	14.64	25.54					
	24		5.33	8.95	13.15	25.39	10.65	14.64	25.39					
14	12		6.10	10.08	14.26	24.76	10.38	14.26	24.76					
	16		5.44	9.28	13.50	24.76	10.38	14.26	24.76					
	24		4.15 ⁷	7.68	11.78	23.80	9.61	14.26	23.80					
16	12		5.30	9.35	13.57	23.90	10.09	13.84	23.90					
	16		4.47 ⁷	8.30	12.44	23.90	9.67	13.84	23.90					
	24		2.74 ⁶	6.21 ⁶	10.19 ⁷	21.97	8.00 ⁶	12.95 ⁷	21.97					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S137-(mils)									1000S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.97	4.37	7.86	11.17		7.98	11.17		3.38	4.97	8.89	12.48	20.38	9.05	12.61	20.38
	16	2.92	4.37	7.57	10.84		7.98	11.17		3.38	4.97	8.59	12.15	20.38	9.05	12.61	20.38
	24	2.37	4.32	6.97	10.17		7.98	11.17		2.93	4.97	7.99	11.49	19.96	9.05	12.61	20.38
9	12	2.94	4.33	7.63	10.91		7.91	11.04		3.36	4.93	8.65	12.22	20.15	8.97	12.46	20.15
	16	2.62	4.33	7.25	10.49		7.91	11.04		3.15	4.93	8.27	11.80	20.15	8.97	12.46	20.15
	24	1.86	3.88	6.49	9.64		7.91	11.04		2.42	4.66	7.51	10.96	19.33	8.97	12.46	20.15
10	12	2.69	4.29	7.36	10.61		7.83	10.90		3.22	4.89	8.39	11.92	19.90	8.89	12.31	19.90
	16	2.29	4.16	6.89	10.09		7.83	10.90		2.82	4.89	7.92	11.40	19.86	8.89	12.31	19.90
	24	1.30	3.40	5.96	9.05		7.83	10.90		1.86	4.16	6.98	10.37	18.62	8.89	12.31	19.90
12	12	2.11	3.92	6.75	9.92		7.66	10.58		2.62	4.67	7.77	11.24	19.33	8.71	11.95	19.33
	16	1.41	3.38	6.07	9.17		7.66	10.58		1.98	4.13	7.09	10.49	18.77	8.71	11.95	19.33
	24	-	2.20 ⁷	4.73	7.67		6.78	10.58		0.55 ⁶	3.02	5.74	9.00	17.00	8.10	11.95	19.33
14	12	1.35 ⁷	3.22	6.02	9.11		7.46	10.21		1.92 ⁷	3.94	7.04	10.43	18.69	8.51	11.54	18.69
	16	0.34 ⁶	2.52 ⁷	5.10	8.09		6.79	10.21		0.94 ⁶	3.22 ⁷	6.12	9.41	17.49	8.10	11.54	18.69
	24	-	0.68 ⁶	3.28 ⁶	6.05 ⁷		5.36 ⁶	9.11 ⁷		-	1.50 ⁶	4.28 ⁶	7.38 ⁷	15.07	6.63 ⁶	10.76 ⁷	18.69
16	12	0.46 ⁶	2.46 ⁶	5.18 ⁷	8.17		6.46 ⁷	9.80		1.02 ⁶	3.14 ⁷	6.19	9.50	17.59	7.71	11.09	17.97
	16	-	1.42 ⁶	3.98 ⁶	6.84 ⁷		5.55 ⁶	9.10 ⁷		-	2.24 ⁶	4.99 ⁶	8.17 ⁷	16.01	6.77 ⁶	10.69 ⁷	17.97
	24	-	-	1.60 ³	4.17 ⁶		3.85 ³	7.37 ⁶		-	-	2.59 ⁶	5.52 ⁶	12.85 ⁷	4.99 ⁶	8.90 ⁶	16.61 ⁷

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	1000S200-(mils)									1000S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.03	13.77	24.62	10.03	13.77	24.62
	16	3.46	4.90	8.81	13.19	22.43	8.81	13.19	22.43		5.74	10.02	13.77	24.62	10.03	13.77	24.62
	24	3.05	4.90	8.58	12.75	21.87	8.81	13.19	21.87		5.74	9.42	13.77	24.62	10.03	13.77	24.62
9	12	3.44	4.88	8.76	13.06	22.19	8.76	13.06	22.19		5.71	9.95	13.69	24.40	9.95	13.69	24.40
	16	3.28	4.88	8.76	13.05	22.19	8.76	13.06	22.19		5.71	9.70	13.69	24.40	9.95	13.69	24.40
	24	2.54	4.57	8.11	12.22	21.25	8.76	13.06	21.25		5.65	8.94	13.69	24.40	9.95	13.69	24.40
10	12	3.34	4.86	8.70	12.92	21.92	8.70	12.92	21.92		5.67	9.81	13.61	24.17	9.87	13.61	24.17
	16	2.95	4.86	8.51	12.66	21.77	8.70	12.92	21.77		5.67	9.34	13.61	24.17	9.87	13.61	24.17
	24	1.98	4.09	7.58	11.64	20.57	8.70	12.92	20.57		5.16	8.40	13.21	23.76	9.87	13.61	24.17
12	12	2.75	4.66	8.36	12.50	21.31	8.56	12.60	21.31		5.60	9.19	13.41	23.64	9.67	13.41	23.64
	16	2.10	4.10	7.69	11.76	20.71	8.56	12.60	20.71		5.14	8.51	13.33	23.64	9.67	13.41	23.64
	24	0.68 ⁷	2.83	6.35	10.28	18.98	7.89	12.60	18.98		3.99	7.16	11.88	22.21	9.38	13.41	23.64
14	12	2.04	3.96	7.63	11.70	20.62	8.40	12.23	20.62		4.96	8.46	13.19	23.05	9.45	13.19	23.05
	16	1.07 ⁶	3.22	6.72	10.69	19.46	7.94	12.23	19.46		4.21	7.54	12.28	22.68	9.35	13.19	23.05
	24	-	1.32 ⁶	4.90 ⁷	8.68	17.10	6.45 ⁷	11.68	17.10		2.48 ⁶	5.70	10.30	20.37	7.86	12.72	23.05
16	12	1.15 ⁶	3.18 ⁷	6.80	10.78	19.56	7.71	11.84	19.56		4.13	7.61	12.36	22.41	9.04	12.93	22.41
	16	-	2.06 ⁶	5.61 ⁷	9.46	18.01	6.74 ⁷	11.66	18.01		3.20 ⁶	6.41	11.07	21.27	8.07	12.86	22.41
	24	-	-	3.23 ⁶	6.83 ⁶	14.93	4.90 ⁶	9.84 ⁶	14.93		0.64 ⁶	4.01 ⁶	8.49 ⁷	18.26	6.22 ⁶	10.90 ⁷	22.33

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	1000S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	16		6.50	11.17	15.42	26.76	11.17	15.42	26.76					
	24		6.50	10.69	15.10	26.76	11.17	15.42	26.76					
9	12		6.47	11.09	15.30	26.61	11.09	15.30	26.61					
	16		6.47	10.97	15.30	26.61	11.09	15.30	26.61					
	24		6.47	10.21	14.60	26.61	11.09	15.30	26.61					
10	12		6.43	11.01	15.18	26.44	11.01	15.18	26.44					
	16		6.43	10.61	15.02	26.44	11.01	15.18	26.44					
	24		6.13	9.67	14.03	26.44	11.01	15.18	26.44					
12	12		6.35	10.46	14.86	26.06	10.81	14.89	26.06					
	16		6.10	9.78	14.15	26.06	10.81	14.89	26.06					
	24		4.97	8.42	12.73	24.98	10.81	14.89	24.98					
14	12		5.90	9.72	14.09	25.38	10.58	14.56	25.38					
	16		5.14	8.79	13.12	25.38	10.58	14.56	25.38					
	24		3.47 ⁷	6.94	11.18	23.19	9.26	14.56	23.19					
16	12		5.04	8.87	13.20	24.61	10.31	14.18	24.61					
	16		4.08 ⁷	7.66	11.93	24.06	9.45	14.18	24.06					
	24		1.72 ⁶	5.23 ⁶	9.40 ⁷	21.12	7.54 ⁶	12.63 ⁷	21.12					

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S137-(mils)									362S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	0.93 ³	1.84 ⁶	3.48 ⁶	5.13 ⁶		4.38 ⁶	6.22 ⁶		1.34 ³	2.43 ⁶	4.49 ⁶	6.46 ⁷	9.90	5.45 ⁶	7.62 ⁷	11.61
	16	0.11 ²	1.26 ³	2.66 ³	4.19 ⁶		3.74 ³	5.50 ⁶		0.73 ³	1.82 ³	3.61 ⁶	5.46 ⁶	8.60 ⁷	4.76 ⁶	6.85 ⁶	10.90 ⁷
	24	-	-	0.98 ²	2.57 ³		2.60 ²	4.23 ³		-	0.29 ²	2.08 ³	3.73 ³	6.37 ⁶	3.54 ³	5.50 ³	9.30 ⁶
9	12	0.36 ²	1.24 ³	2.48 ³	3.85 ⁶		3.42 ³	4.98 ⁶		0.80 ²	1.76 ³	3.33 ⁶	4.98 ⁶	7.75 ⁷	4.34 ⁶	6.21 ⁶	9.77 ⁷
	16	-	0.52 ²	1.64 ³	2.89 ³		2.74 ³	4.22 ³		-	1.10 ²	2.43 ³	3.95 ³	6.43 ⁶	3.61 ³	5.39 ³	8.80 ⁶
	24	-	-	-	1.06 ²		1.59 ²	2.93 ²		-	-	0.28 ²	2.20 ²	4.18 ³	2.36 ²	3.99 ²	7.14 ³
10	12	-	0.72 ²	1.64 ²	2.76 ³		2.57 ²	3.89 ³		0.03 ²	1.16 ²	2.35 ³	3.72 ³	5.91 ⁶	3.36 ³	4.94 ³	7.92 ⁶
	16	-	-	0.69 ²	1.82 ²		1.90 ²	3.13 ²		-	0.09 ²	1.46 ²	2.70 ³	4.62 ³	2.63 ²	4.12 ³	6.95 ³
	24	-	-	-	-		0.76 ¹	1.86 ²		-	-	-	0.34 ²	2.43 ²	1.40 ²	2.74 ²	5.31 ²
12	12	-	-	0.05 ²	1.17 ²		1.30 ²	2.21 ²		-	-	0.91 ²	1.83 ²	3.18 ³	1.85 ²	2.96 ²	5.02 ³
	16	-	-	-	-		0.68 ¹	1.52 ²		-	-	-	0.89 ²	2.00 ²	1.17 ¹	2.20 ²	4.13 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	0.93 ¹	2.63 ²
14	12	-	-	-	-		0.48 ¹	1.09 ¹		-	-	-	0.32 ²	1.43 ²	0.85 ¹	1.61 ²	3.04 ²
	16	-	-	-	-		-	0.18 ¹		-	-	-	-	-	-	0.95 ¹	2.26 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	0.95 ¹
16	12	-	-	-	-		-	0.21 ¹		-	-	-	-	-	-	0.76 ¹	1.78 ¹
	16	-	-	-	-		-	-		-	-	-	-	-	-	-	1.09 ¹
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	-

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notes:

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	362S200-(mils)									362S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.50 ⁶	2.68 ⁶	5.18 ⁷	7.73	12.13	5.89 ⁷	8.77	12.13		3.52 ⁶	6.22	9.49	15.66	7.04	10.26	16.14
	16	0.93 ³	2.02 ⁶	4.29 ⁶	6.71 ⁶	10.79	5.15 ⁶	7.96 ⁶	10.79		2.84 ⁶	5.30 ⁶	8.44 ⁷	14.23	6.31 ⁶	9.42 ⁷	16.14
	24	-	0.39 ³	2.75 ³	4.93 ⁶	8.45 ⁶	3.85 ³	6.53 ⁶	8.45 ⁶		1.63 ³	3.68 ⁶	6.57 ⁶	11.72 ⁷	4.99 ⁶	7.84 ⁶	14.67 ⁷
9	12	0.96 ³	2.00 ³	4.04 ⁶	6.22 ⁶	9.72	4.81 ⁶	7.35 ⁶	9.72		2.76 ⁶	4.97 ⁶	7.87 ⁷	12.83	5.89 ⁶	8.77 ⁷	14.89
	16	-	1.28 ³	3.10 ³	5.13 ⁶	8.33 ⁶	4.01 ³	6.46 ⁶	8.33 ⁶		2.01 ³	3.98 ⁶	6.71 ⁶	11.32 ⁷	5.08 ⁶	7.79 ⁶	13.75 ⁷
	24	-	-	1.33 ²	3.28 ³	5.94 ⁶	2.63 ²	4.94 ³	5.94 ⁶		0.10 ²	2.27 ³	4.73 ³	8.74 ⁶	3.65 ³	6.08 ³	11.78 ⁶
10	12	0.20 ²	1.36 ³	2.99 ³	4.82 ⁶	7.62 ⁶	3.78 ³	5.97 ⁶	7.62 ⁶		2.05 ³	3.78 ⁶	6.28 ⁶	10.30 ⁷	4.72 ⁶	7.22 ⁶	12.39 ⁷
	16	-	0.18 ²	2.04 ²	3.73 ³	6.23 ⁶	2.96 ²	5.07 ³	6.23 ⁶		1.25 ²	2.77 ³	5.11 ³	8.79 ⁶	3.88 ³	6.20 ³	11.22 ⁶
	24	-	-	-	1.89 ²	3.90 ³	1.58 ²	3.54 ²	3.90 ³		-	0.43 ²	3.11 ²	6.24 ³	2.45 ²	4.46 ²	9.25 ³
12	12	-	-	1.39 ²	2.60 ²	4.40 ³	2.15 ²	3.68 ²	4.40 ³		0.84 ²	2.04 ²	3.75 ³	6.34 ⁶	3.00 ²	4.66 ³	8.29 ⁶
	16	-	-	-	1.59 ²	3.13 ²	1.36 ²	2.84 ²	3.13 ²		-	0.94 ²	2.62 ²	4.94 ³	2.15 ²	3.67 ²	7.20 ³
	24	-	-	-	-	0.05 ²	-	1.42 ¹	0.05 ²		-	-	-	2.60 ²	0.06 ¹	2.00 ²	5.37 ²
14	12	-	-	-	1.15 ²	2.29 ²	1.00 ¹	2.11 ²	2.29 ²		-	0.46 ²	1.94 ²	3.67 ²	1.64 ²	2.75 ²	5.40 ²
	16	-	-	-	-	1.18 ²	-	1.36 ¹	1.18 ²		-	-	0.55 ²	2.44 ²	0.85 ¹	1.86 ²	4.44 ²
	24	-	-	-	-	-	-	-	-		-	-	-	-	-	-	2.81 ¹
16	12	-	-	-	-	0.97 ²	-	1.08 ¹	0.97 ²		-	-	0.77 ¹	1.94 ²	0.70 ¹	1.48 ¹	3.45 ²
	16	-	-	-	-	-	-	0.03 ¹	-		-	-	-	0.33 ¹	-	0.41 ¹	2.61 ¹
	24	-	-	-	-	-	-	-	-		-	-	-	-	-	-	1.18 ¹

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	362S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		4.34 ⁷	7.53	10.74	17.96	8.37	11.18	17.96					
	16		3.62 ⁶	6.57 ⁷	9.65	16.94	7.59 ⁷	10.89	16.94					
	24		2.33 ³	4.85 ⁶	7.71 ⁶	14.41	6.20 ⁶	9.34 ⁶	14.41					
9	12		3.50 ⁶	6.17 ⁷	8.99	15.55	7.12 ⁷	10.14	15.55					
	16		2.70 ⁶	5.11 ⁶	7.79 ⁶	13.98	6.24 ⁶	9.16 ⁶	13.98					
	24		1.13 ³	3.28 ³	5.70 ⁶	11.27 ⁶	4.71 ³	7.45 ⁶	11.27 ⁶					
10	12		2.70 ³	4.89 ⁶	7.29 ⁶	12.92	5.89 ⁶	8.50 ⁶	12.92					
	16		1.84 ³	3.79 ³	6.05 ⁶	11.30 ⁶	4.97 ³	7.47 ⁶	11.30 ⁶					
	24		-	1.92 ²	3.92 ³	8.55 ⁶	3.38 ²	5.70 ³	8.55 ⁶					
12	12		1.32 ²	2.78 ³	4.63 ³	8.28 ⁶	3.78 ³	5.87 ³	8.28 ⁶					
	16		-	1.70 ²	3.38 ²	6.76 ³	2.85 ²	4.81 ²	6.76 ³					
	24		-	-	0.56 ²	4.22 ²	1.30 ²	3.03 ²	4.22 ²					
14	12		-	1.29 ²	2.57 ²	5.06 ³	2.22 ²	3.70 ²	5.06 ³					
	16		-	-	1.42 ²	3.71 ²	1.35 ²	2.73 ²	3.71 ²					
	24		-	-	-	0.80 ²	-	0.69 ¹	0.80 ²					
16	12		-	-	1.16 ²	2.93 ²	1.12 ¹	2.15 ²	2.93 ²					
	16		-	-	-	1.74 ²	-	1.30 ¹	1.74 ²					
	24		-	-	-	-	-	-	-					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S137-(mils)									400S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.24 ⁶	2.26 ⁶	4.28 ⁶	6.23		5.18 ⁶	7.32		1.69 ⁶	2.91 ⁶	5.40 ⁷	7.70	12.35	6.35 ⁷	8.76	13.07
	16	0.65 ³	1.69 ³	3.44 ⁶	5.27 ⁶		4.54 ⁶	6.60 ⁶		1.14 ³	2.30 ⁶	4.51 ⁶	6.69 ⁷	11.07	5.67 ⁶	8.09 ⁷	13.07
	24	-	0.22 ²	1.90 ³	3.59 ⁶		3.39 ³	5.31 ⁶		-	1.21 ³	2.94 ³	4.91 ⁶	8.82 ⁶	4.45 ³	6.73 ⁶	11.45 ⁶
9	12	0.77 ³	1.66 ³	3.23 ⁶	4.89 ⁶		4.21 ⁶	6.08 ⁶		1.15 ³	2.24 ⁶	4.21 ⁶	6.19 ⁶	10.11	5.25 ⁶	7.45 ⁶	11.94
	16	-	1.03 ³	2.35 ³	3.88 ⁶		3.51 ³	5.29 ⁶		0.22 ²	1.57 ³	3.26 ³	5.11 ⁶	8.74 ⁷	4.50 ³	6.61 ⁶	10.92 ⁷
	24	-	-	0.19 ²	2.14 ³		2.29 ²	3.92 ³		-	-	1.44 ²	3.25 ³	6.39 ⁶	3.20 ²	5.15 ³	9.14 ⁶
10	12	0.04 ²	1.11 ³	2.32 ³	3.70 ⁶		3.31 ³	4.92 ⁶		0.62 ²	1.62 ³	3.15 ³	4.83 ⁶	8.07 ⁶	4.22 ³	6.13 ⁶	9.96 ⁶
	16	-	0.04 ²	1.42 ²	2.68 ³		2.59 ²	4.11 ³		-	0.91 ²	2.19 ³	3.73 ³	6.68 ⁶	3.45 ³	5.26 ³	8.90 ⁶
	24	-	-	-	0.22 ²		1.37 ²	2.72 ²		-	-	-	1.86 ²	4.34 ³	2.12 ²	3.77 ²	7.09 ³
12	12	-	-	0.91 ²	1.85 ²		1.87 ²	3.03 ²		-	0.49 ²	1.49 ²	2.66 ³	4.84 ³	2.53 ²	3.93 ³	6.65 ³
	16	-	-	-	0.48 ²		1.18 ²	2.24 ²		-	-	-	1.61 ²	3.53 ³	1.78 ²	3.08 ²	5.63 ³
	24	-	-	-	-		-	0.92 ¹		-	-	-	-	0.61 ²	-	1.65 ²	3.92 ²
14	12	-	-	-	0.27 ²		0.88 ¹	1.70 ²		-	-	-	1.19 ²	2.64 ²	1.35 ²	2.36 ²	4.27 ²
	16	-	-	-	-		-	0.98 ¹		-	-	-	-	1.47 ²	0.66 ¹	1.58 ¹	3.35 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	1.81 ¹
16	12	-	-	-	-		-	0.80 ¹		-	-	-	-	1.20 ²	0.56 ¹	1.27 ¹	2.64 ²
	16	-	-	-	-		-	-		-	-	-	-	-	-	0.28 ¹	1.83 ¹
	24	-	-	-	-		-	-		-	-	-	-	-	-	-	-

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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	400S200-(mils)									400S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	1.84 ⁶	3.13 ⁷	5.99	8.96	14.76	6.68	9.58	14.76		4.03	7.13	10.70	17.58	7.79	10.79	17.58
	16	1.29 ⁶	2.50 ⁶	5.13 ⁶	7.96 ⁷	13.45	5.98 ⁶	9.18 ⁷	13.45		3.38 ⁶	6.24 ⁷	9.69	17.03	7.22 ⁷	10.64	17.58
	24	-	1.27 ³	3.60 ⁶	6.17 ⁶	11.12 ⁷	4.71 ⁶	7.78 ⁶	11.12 ⁷		2.20 ⁶	4.64 ⁶	7.87 ⁶	14.60	5.95 ⁶	9.13 ⁶	17.14
9	12	1.31 ³	2.48 ⁶	4.91 ⁶	7.46 ⁷	12.30	5.70 ⁶	8.59 ⁷	12.30		3.31 ⁶	5.93 ⁷	9.23	15.78	6.84 ⁷	10.13	16.66
	16	0.52 ³	1.77 ³	3.96 ⁶	6.35 ⁶	10.88 ⁷	4.90 ⁶	7.71 ⁶	10.88 ⁷		2.57 ⁶	4.93 ⁶	8.07 ⁷	14.26	6.04 ⁶	9.16 ⁷	16.43
	24	-	-	2.29 ³	4.42 ³	8.40 ⁶	3.49 ³	6.16 ³	8.40 ⁶		1.05 ³	3.18 ³	6.04 ⁶	11.60 ⁶	4.61 ³	7.44 ⁶	14.39 ⁶
10	12	0.81 ³	1.84 ³	3.84 ⁶	6.05 ⁶	10.02 ⁷	4.67 ⁶	7.26 ⁶	10.02 ⁷		2.60 ⁶	4.77 ⁶	7.68 ⁶	13.11	5.76 ⁶	8.66 ⁶	15.04
	16	-	1.04 ³	2.84 ³	4.89 ⁶	8.56 ⁶	3.82 ³	6.32 ⁶	8.56 ⁶		1.79 ³	3.71 ³	6.44 ⁶	11.53 ⁷	4.89 ³	7.60 ⁶	13.80 ⁷
	24	-	-	0.52 ²	2.91 ³	6.07 ³	2.36 ²	4.69 ³	6.07 ³		-	1.74 ²	4.32 ³	8.82 ⁶	3.37 ²	5.78 ³	11.66 ⁶
12	12	-	0.58 ²	2.05 ²	3.60 ³	6.31 ⁶	2.89 ²	4.80 ³	6.31 ⁶		1.32 ²	2.78 ³	4.92 ³	8.64 ⁶	3.82 ³	5.93 ³	10.54 ⁶
	16	-	-	0.97 ²	2.47 ²	4.91 ³	2.03 ²	3.86 ²	4.91 ³		-	1.70 ²	3.67 ³	7.11 ³	2.90 ²	4.84 ³	9.31 ³
	24	-	-	-	-	2.56 ²	-	2.28 ²	2.56 ²		-	-	1.38 ²	4.53 ²	1.36 ²	3.01 ²	7.24 ²
14	12	-	-	0.78 ²	1.86 ²	3.72 ³	1.57 ²	2.97 ²	3.72 ³		-	1.33 ²	2.85 ²	5.43 ³	2.34 ²	3.80 ²	7.17 ³
	16	-	-	-	0.33 ²	2.45 ²	0.76 ¹	2.10 ²	2.45 ²		-	-	1.69 ²	4.04 ²	1.45 ²	2.78 ²	6.05 ²
	24	-	-	-	-	-	-	-	-		-	-	-	1.70 ²	-	0.55 ¹	4.16 ²
16	12	-	-	-	0.39 ¹	1.97 ²	0.65 ¹	1.70 ¹	1.97 ²		-	-	1.40 ²	3.22 ²	1.21 ¹	2.25 ²	4.77 ²
	16	-	-	-	-	0.28 ²	-	0.92 ¹	0.28 ²		-	-	-	1.98 ²	-	1.33 ¹	3.77 ²
	24	-	-	-	-	-	-	-	-		-	-	-	-	-	-	2.09 ¹

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- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	400S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		4.90	8.51	11.84	19.50	8.87	11.84	19.50					
	16		4.22 ⁷	7.59	11.05	19.50	8.58	11.84	19.50					
	24		2.98 ⁶	5.92 ⁶	9.16 ⁷	17.47	7.24 ⁶	10.76 ⁷	17.47					
9	12		4.11 ⁷	7.23	10.45	18.53	8.15	11.35	18.53					
	16		3.33 ⁶	6.18 ⁶	9.25 ⁷	16.99	7.30 ⁶	10.62 ⁷	16.99					
	24		1.93 ³	4.32 ⁶	7.13 ⁶	14.29 ⁷	5.78 ⁶	8.92 ⁶	14.29 ⁷					
10	12		3.32 ⁶	5.95 ⁶	8.63 ⁷	15.85	6.97 ⁶	9.84 ⁷	15.85					
	16		2.46 ³	4.82 ⁶	7.36 ⁶	14.19 ⁷	6.04 ⁶	8.81 ⁶	14.19 ⁷					
	24		0.34 ²	2.86 ³	5.17 ³	11.35 ⁶	4.41 ³	7.01 ³	11.35 ⁶					
12	12		1.88 ³	3.70 ³	5.91 ⁶	10.97 ⁶	4.78 ³	7.24 ⁶	10.97 ⁶					
	16		0.79 ²	2.53 ²	4.55 ³	9.30 ⁶	3.79 ²	6.10 ³	9.30 ⁶					
	24		-	-	2.27 ²	6.51 ³	2.11 ²	4.18 ²	6.51 ³					
14	12		0.40 ²	1.99 ²	3.64 ³	7.16 ³	3.03 ²	4.93 ³	7.16 ³					
	16		-	0.29 ²	2.34 ²	5.64 ³	2.07 ²	3.83 ²	5.64 ³					
	24		-	-	-	3.09 ²	-	1.98 ²	3.09 ²					
16	12		-	0.40 ²	1.93 ²	4.49 ²	1.76 ²	3.11 ²	4.49 ²					
	16		-	-	0.01 ²	3.13 ²	0.86 ¹	2.11 ²	3.13 ²					
	24		-	-	-	-	-	-	-					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S137-(mils)									550S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.18	3.56	6.38	9.24		6.89	9.24		2.68	4.30	7.45	10.57	16.43	7.93	10.57	16.43
	16	1.76 ⁶	3.09	5.69	8.52		6.89	9.24		2.25 ⁷	3.82	6.77	9.90	16.43	7.93	10.57	16.43
	24	0.78 ⁶	2.21 ⁶	4.29 ⁷	6.97		6.03 ⁷	8.84		1.32 ⁶	2.91 ⁶	5.39 ⁷	8.40	15.42	7.33 ⁷	10.57	16.43
9	12	1.78 ⁶	3.06 ⁷	5.83	8.49		6.65	8.91		2.28 ⁷	3.77	6.91	10.06	15.86	7.68	10.21	15.86
	16	1.28 ⁶	2.51 ⁶	4.94 ⁷	7.53		6.14 ⁷	8.85		1.75 ⁶	3.19 ⁷	6.04	9.10	15.73	7.41	10.21	15.86
	24	-	1.41 ³	3.18 ⁶	5.74 ⁶		4.98 ⁶	7.56 ⁶		0.35 ³	2.11 ⁶	4.30 ⁶	7.20 ⁷	13.48	6.21 ⁶	9.20 ⁷	15.78
10	12	1.37 ⁶	2.55 ⁶	4.94 ⁷	7.32		5.95 ⁷	8.54		1.83 ⁶	3.21 ⁶	6.13	8.88	15.12	7.18	9.82	15.26
	16	0.64 ³	1.91 ⁶	3.99 ⁶	6.23 ⁶		5.24 ⁶	7.73 ⁶		1.18 ³	2.55 ⁶	5.13 ⁶	7.75 ⁷	13.71	6.43 ⁶	9.32 ⁷	15.26
	24	-	0.21 ³	1.93 ³	4.28 ⁶		3.94 ³	6.27 ⁶		-	1.14 ³	3.07 ⁶	5.70 ⁶	11.18 ⁷	5.06 ⁶	7.79 ⁶	13.77 ⁷
12	12	0.27 ²	1.52 ³	3.17 ⁶	5.05 ⁶		4.34 ⁶	6.48 ⁶		0.89 ³	2.09 ³	4.15 ⁶	6.37 ⁶	11.42	5.38 ⁶	7.88 ⁶	13.33
	16	-	0.51 ²	2.12 ³	3.82 ³		3.51 ³	5.53 ³		-	1.30 ³	3.02 ³	5.07 ⁶	9.78 ⁶	4.50 ³	6.88 ⁶	12.06 ⁶
	24	-	-	-	1.18 ²		2.05 ²	3.87 ²		-	-	0.22 ²	2.76 ³	6.95 ⁶	2.95 ²	5.12 ³	9.84 ⁶
14	12	-	0.27 ²	1.71 ²	3.13 ³		2.92 ²	4.62 ³		-	1.08 ²	2.48 ³	4.19 ³	8.11 ⁶	3.76 ³	5.78 ³	10.12 ⁶
	16	-	-	-	1.89 ²		2.05 ²	3.63 ²		-	-	1.10 ²	2.86 ³	6.44 ³	2.84 ²	4.72 ³	8.78 ³
	24	-	-	-	-		-	1.94 ²		-	-	-	-	3.60 ²	1.25 ²	2.91 ²	6.50 ²
16	12	-	-	0.07 ²	1.66 ²		1.78 ²	3.10 ²		-	-	1.19 ²	2.48 ²	5.47 ³	2.45 ²	4.03 ²	7.42 ³
	16	-	-	-	-		0.94 ¹	2.14 ²		-	-	-	0.65 ²	3.85 ²	1.54 ²	2.99 ²	6.11 ²
	24	-	-	-	-		-	-		-	-	-	-	-	-	1.24 ¹	3.92 ²

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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	550S200-(mils)									550S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.83	4.40	7.81	11.26	18.37	7.81	11.26	18.37		5.20	8.86	12.17	20.76	8.86	12.17	20.76
	16	2.40	3.93	7.43	11.24	18.37	7.81	11.26	18.37		4.93	8.35	12.17	20.76	8.86	12.17	20.76
	24	1.52 ⁶	3.01 ⁷	6.10	9.78	17.51	7.31	11.26	17.51		4.00	7.06	11.47	20.76	8.75	12.17	20.76
9	12	2.41 ⁷	3.92	7.48	10.94	17.76	7.67	10.94	17.76		4.89	8.48	11.97	20.25	8.66	11.97	20.25
	16	1.90 ⁶	3.34 ⁷	6.67	10.38	17.76	7.50	10.94	17.76		4.30	7.66	11.97	20.25	8.66	11.97	20.25
	24	0.62 ³	2.24 ⁶	5.04 ⁶	8.59 ⁷	16.03	6.31 ⁶	10.22 ⁷	16.03		3.17 ⁶	6.03 ⁷	10.25	19.56	7.68 ⁷	11.52	20.25
10	12	1.97 ⁶	3.40 ⁷	6.62	10.12	17.10	7.40	10.61	17.10		4.33	7.82	11.75	19.72	8.44	11.75	19.72
	16	1.38 ⁶	2.72 ⁶	5.67 ⁷	9.00	16.18	6.65 ⁷	10.37	16.18		3.63 ⁶	6.84	10.71	19.72	7.95	11.75	19.72
	24	-	1.18 ³	3.86 ⁶	6.97 ⁶	13.58 ⁷	5.26 ⁶	8.82 ⁶	13.58 ⁷		2.32 ⁶	4.87 ⁶	8.68 ⁷	17.16	6.56 ⁶	10.16 ⁷	19.59
12	12	1.09 ³	2.31 ⁶	4.83 ⁶	7.63 ⁶	13.62	5.81 ⁶	9.00 ⁶	13.62		3.13 ⁶	5.85 ⁶	9.41 ⁷	17.17	6.96 ⁶	10.53 ⁷	18.49
	16	-	1.41 ³	3.69 ³	6.30 ⁶	11.92 ⁷	4.87 ³	7.94 ⁶	11.92 ⁷		2.25 ³	4.65 ⁶	8.01 ⁶	15.37	6.01 ⁶	9.38 ⁶	17.63
	24	-	-	1.12 ²	3.97 ³	8.96 ⁶	3.20 ²	6.08 ³	8.96 ⁶		-	2.21 ³	5.57 ³	12.22 ⁶	4.32 ³	7.33 ³	15.13 ⁶
14	12	-	1.24 ³	3.11 ³	5.36 ⁶	9.96 ⁶	4.16 ³	6.85 ⁶	9.96 ⁶		1.96 ³	3.99 ³	6.89 ⁶	12.94 ⁷	5.23 ³	8.15 ⁶	15.00 ⁷
	16	-	-	1.90 ²	3.94 ³	8.19 ⁶	3.14 ²	5.69 ³	8.19 ⁶		0.48 ²	2.70 ³	5.38 ³	11.04 ⁶	4.17 ³	6.86 ³	13.44 ⁶
	24	-	-	-	0.67 ²	5.19 ³	1.26 ²	3.71 ²	5.19 ³		-	-	2.80 ²	7.79 ³	2.34 ²	4.66 ²	10.78 ³
16	12	-	-	1.71 ²	3.40 ³	6.96 ³	2.76 ²	4.87 ³	6.96 ³		0.78 ²	2.42 ²	4.71 ³	9.39 ⁶	3.69 ²	5.99 ³	11.42 ⁶
	16	-	-	-	2.02 ²	5.25 ³	1.74 ²	3.73 ²	5.25 ³		-	0.49 ²	3.21 ²	7.52 ³	2.60 ²	4.69 ²	9.88 ³
	24	-	-	-	-	2.37 ²	-	1.80 ²	2.37 ²		-	-	-	4.38 ²	-	2.49 ²	7.28 ²

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- 2 Deflection exceeds L/240
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- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S137-(mils)									600S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.40	3.86	6.67	9.61		7.09	9.61		2.91	4.50	7.73	10.96	17.17	8.14	10.96	17.17
	16	2.02	3.44	6.05	8.96		7.09	9.61		2.51	4.18	7.12	10.33	17.17	8.14	10.96	17.17
	24	1.18 ⁶	2.62 ⁷	4.81	7.59		6.64	9.61		1.72 ⁶	3.34 ⁷	5.89	8.99	16.27	7.97	10.96	17.17
9	12	2.04 ⁷	3.41	6.17	9.10		6.93	9.32		2.54	4.14	7.24	10.47	16.68	7.98	10.65	16.68
	16	1.58 ⁶	2.90 ⁷	5.39	8.23		6.79	9.32		2.06 ⁶	3.61	6.47	9.62	16.68	7.98	10.65	16.68
	24	0.32 ³	1.92 ⁶	3.82 ⁶	6.49 ⁷		5.71 ⁶	8.53 ⁷		0.91 ⁶	2.59 ⁶	4.92 ⁷	7.92	15.02	7.00 ⁷	10.23	16.68
10	12	1.65 ⁶	2.93 ⁷	5.62	8.31		6.63	9.01		2.14 ⁶	3.63	6.70	9.87	16.14	7.72	10.30	16.14
	16	1.06 ⁶	2.33 ⁶	4.65 ⁶	7.26		5.96 ⁶	8.70		1.57 ⁶	3.00 ⁶	5.74 ⁷	8.82	15.53	7.21 ⁷	10.30	16.14
	24	-	0.97 ³	2.71 ⁶	5.26 ⁶		4.71 ⁶	7.31 ⁶		-	1.81 ⁶	3.82 ⁶	6.72 ⁶	13.08	5.91 ⁶	8.91 ⁶	15.58
12	12	0.80 ³	1.94 ⁶	3.93 ⁶	6.10 ⁶		5.09 ⁶	7.52 ⁶		1.28 ³	2.56 ⁶	5.01 ⁶	7.53 ⁷	13.33	6.22 ⁶	9.02 ⁷	14.95
	16	-	1.18 ³	2.87 ³	4.86 ⁶		4.27 ³	6.58 ⁶		0.16 ³	1.78 ³	3.87 ⁶	6.23 ⁶	11.69 ⁷	5.35 ⁶	8.04 ⁶	13.97 ⁷
	24	-	-	0.15 ²	2.42 ³		2.81 ²	4.91 ³		-	-	1.30 ³	3.93 ³	8.81 ⁶	3.80 ³	6.28 ³	11.76 ⁶
14	12	-	1.02 ²	2.39 ³	4.09 ³		3.64 ³	5.64 ³		0.07 ²	1.53 ³	3.26 ³	5.29 ⁶	9.95 ⁶	4.59 ³	6.93 ⁶	12.04 ⁶
	16	-	-	0.93 ²	2.78 ³		2.75 ²	4.61 ³		-	0.14 ²	2.06 ³	3.89 ³	8.19 ⁶	3.64 ³	5.83 ³	10.65 ⁶
	24	-	-	-	-		1.10 ²	2.83 ²		-	-	-	0.60 ²	5.17 ³	1.98 ²	3.95 ²	8.26 ³
16	12	-	-	1.08 ²	2.45 ²		2.41 ²	4.01 ²		-	0.23 ²	1.84 ²	3.41 ³	7.07 ⁶	3.18 ²	5.07 ³	9.18 ⁶
	16	-	-	-	0.55 ²		1.51 ²	2.97 ²		-	-	-	2.02 ²	5.32 ³	2.21 ²	3.96 ²	7.77 ³
	24	-	-	-	-		-	1.13 ¹		-	-	-	-	2.17 ²	-	2.08 ²	5.38 ²

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	600S200-(mils)									600S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.03	4.53	8.00	11.63	19.14	8.00	11.63	19.14		5.31	9.09	12.47	21.48	9.09	12.47	21.48
	16	2.64	4.25	7.76	11.63	19.14	8.00	11.63	19.14		5.27	8.67	12.47	21.48	9.09	12.47	21.48
	24	1.84 ⁷	3.42	6.58	10.35	18.32	7.91	11.63	18.32		4.43	7.52	12.00	21.48	9.09	12.47	21.48
9	12	2.65	4.26	7.88	11.35	18.60	7.88	11.35	18.60		5.24	8.79	12.30	21.03	8.91	12.30	21.03
	16	2.17 ⁷	3.72	7.13	10.96	18.60	7.88	11.35	18.60		4.71	8.06	12.30	21.03	8.91	12.30	21.03
	24	1.03 ⁶	2.70 ⁶	5.63 ⁷	9.31	17.13	7.00 ⁷	11.22	17.13		3.67 ⁷	6.59	11.00	20.47	8.43	12.30	21.03
10	12	2.24 ⁷	3.79	7.30	11.05	18.02	7.75	11.05	18.02		4.74	8.28	12.11	20.55	8.72	12.11	20.55
	16	1.68 ⁶	3.15 ⁷	6.41	10.09	18.02	7.33	11.05	18.02		4.09	7.37	11.73	20.55	8.69	12.11	20.55
	24	0.11 ³	1.83 ⁶	4.57 ⁶	8.15 ⁷	15.59	6.03 ⁶	9.92 ⁷	15.59		2.87 ⁶	5.56 ⁶	9.83	19.18	7.39 ⁶	11.23	20.55
12	12	1.39 ⁶	2.76 ⁶	5.62 ⁶	8.79	15.68	6.57 ⁶	10.11	15.68		3.63 ⁶	6.72 ⁷	10.56	19.37	7.79 ⁷	11.64	19.55
	16	0.26 ³	1.94 ³	4.50 ⁶	7.48 ⁶	13.99	5.67 ⁶	9.10 ⁶	13.99		2.79 ⁶	5.56 ⁶	9.22 ⁷	17.62	6.89 ⁶	10.55 ⁷	19.55
	24	-	-	2.12 ³	5.15 ⁶	11.00 ⁶	4.04 ³	7.27 ⁶	11.00 ⁶		0.77 ³	3.17 ³	6.82 ⁶	14.49 ⁷	5.24 ³	8.58 ⁶	17.38 ⁷
14	12	0.17 ²	1.72 ³	3.93 ⁶	6.51 ⁶	12.00 ⁷	5.02 ⁶	8.03 ⁶	12.00 ⁷		2.49 ³	4.87 ⁶	8.21 ⁶	15.30	6.13 ⁶	9.49 ⁶	17.39
	16	-	0.22 ²	2.69 ³	5.05 ³	10.15 ⁶	3.98 ³	6.86 ³	10.15 ⁶		1.44 ³	3.57 ³	6.66 ⁶	13.32 ⁶	5.07 ³	8.20 ⁶	15.81 ⁶
	24	-	-	-	2.28 ²	6.98 ³	2.18 ²	4.83 ²	6.98 ³		-	0.33 ²	4.00 ³	9.93 ⁶	3.22 ²	5.94 ³	13.07 ⁶
16	12	-	0.31 ²	2.42 ³	4.47 ³	8.78 ⁶	3.54 ³	6.04 ³	8.78 ⁶		1.43 ²	3.19 ³	5.91 ⁶	11.55 ⁶	4.50 ³	7.26 ⁶	13.72 ⁶
	16	-	-	0.55 ²	2.99 ²	6.92 ³	2.47 ²	4.82 ²	6.92 ³		-	1.73 ²	4.32 ³	9.54 ⁶	3.39 ²	5.90 ³	12.08 ⁶
	24	-	-	-	-	3.79 ²	-	2.76 ²	3.79 ²		-	-	0.59 ²	6.15 ³	1.37 ²	3.58 ²	9.28 ³

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50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	600S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.05	10.22	13.91	23.87	10.22	13.91	23.87					
	16		6.05	9.98	13.91	23.87	10.22	13.91	23.87					
	24		5.37	8.83	12.86	23.87	10.22	13.91	23.87					
9	12		5.98	10.03	13.65	23.32	10.03	13.65	23.32					
	16		5.64	9.37	13.44	23.32	10.03	13.65	23.32					
	24		4.57	7.91	11.88	23.32	9.86	13.65	23.32					
10	12		5.67	9.58	13.36	22.73	9.83	13.36	22.73					
	16		5.00	8.69	12.71	22.73	9.83	13.36	22.73					
	24		3.72 ⁶	6.89 ⁷	10.79	22.09	8.78 ⁷	13.04	22.09					
12	12		4.48 ⁷	8.08	11.91	21.46	9.16	12.71	21.46					
	16		3.60 ⁶	6.88 ⁶	10.53	20.46	8.21 ⁶	12.14	20.46					
	24		1.77 ³	4.52 ⁶	8.03 ⁶	17.32 ⁷	6.49 ⁶	10.19 ⁶	17.32 ⁷					
14	12		3.24 ⁶	6.10 ⁶	9.35 ⁷	18.10	7.37 ⁶	10.90 ⁷	18.10					
	16		2.20 ³	4.72 ⁶	7.75 ⁶	16.06 ⁷	6.25 ⁶	9.62 ⁶	16.06 ⁷					
	24		-	1.72 ³	4.96 ³	12.53 ⁶	4.27 ³	7.37 ³	12.53 ⁶					
16	12		2.06 ³	4.27 ³	6.91 ⁶	14.23 ⁶	5.64 ³	8.59 ⁶	14.23 ⁶					
	16		0.31 ²	2.81 ³	5.23 ³	12.08 ⁶	4.43 ³	7.21 ³	12.08 ⁶					
	24		-	-	1.81 ²	8.44 ³	2.35 ²	4.84 ²	8.44 ³					

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2. Allowable axial load in kips/stud
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5. Allowable loads are based on members with restrained ends in braced frames, $C_m=0.85$

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S137-(mils)									800S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.87	4.20	7.43	10.60		7.65	10.60		3.28	4.80	8.47	11.94	19.20	8.71	12.01	19.20
	16	2.57	4.20	7.02	10.16		7.65	10.60		3.10	4.80	8.06	11.49	19.20	8.71	12.01	19.20
	24	1.91	3.80	6.19	9.23		7.65	10.60		2.47	4.56	7.23	10.57	18.60	8.71	12.01	19.20
9	12	2.60	4.15	7.10	10.25		7.55	10.42		3.12	4.74	8.14	11.58	18.87	8.61	11.81	18.87
	16	2.21	4.01	6.58	9.67		7.55	10.42		2.73	4.74	7.62	11.00	18.87	8.61	11.81	18.87
	24	1.29 ⁷	3.28	5.53	8.50		7.55	10.42		1.84	4.01	6.57	9.85	17.74	8.61	11.81	18.87
10	12	2.28	4.04	6.73	9.84		7.45	10.21		2.79	4.68	7.77	11.17	18.52	8.50	11.58	18.52
	16	1.82	3.59	6.08	9.12		7.45	10.21		2.32	4.32	7.13	10.46	18.46	8.50	11.58	18.52
	24	0.60 ⁶	2.71 ⁷	4.79	7.67		7.00	10.21		1.15 ⁶	3.42	5.84	9.04	16.78	8.32	11.58	18.52
12	12	1.60 ⁶	3.28	5.88	8.89		7.18	9.76		2.10 ⁷	3.98	6.92	10.23	17.72	8.22	11.08	17.72
	16	0.74 ⁶	2.67 ⁶	4.94 ⁷	7.85		6.71 ⁷	9.76		1.29 ⁶	3.35 ⁷	5.99	9.21	16.98	8.00	11.08	17.72
	24	-	1.27 ⁶	3.08 ⁶	5.77 ⁶		5.45 ⁶	8.42 ⁶		-	2.05 ⁶	4.13 ⁶	7.16 ⁷	14.56	6.68 ⁶	10.07 ⁷	17.72
14	12	0.67 ⁶	2.46 ⁶	4.87 ⁶	7.62		6.16 ⁶	9.05		1.22 ⁶	3.11 ⁶	5.91 ⁷	9.12	16.33	7.36 ⁷	10.51	16.83
	16	-	1.70 ³	3.60 ⁶	6.33 ⁶		5.33 ⁶	8.11 ⁶		0.02 ³	2.32 ⁶	4.65 ⁶	7.73 ⁷	14.64	6.49 ⁶	9.67 ⁷	16.83
	24	-	-	1.06 ³	3.52 ⁶		3.80 ³	6.38 ⁶		-	0.17 ³	2.12 ³	4.94 ⁶	11.56 ⁶	4.89 ³	7.87 ⁶	14.70 ⁶
16	12	-	1.64 ³	3.57 ⁶	5.82 ⁶		4.91 ⁶	7.47 ⁶		0.10 ³	2.21 ³	4.58 ⁶	7.19 ⁶	13.41	5.99 ⁶	8.92 ⁶	15.62
	16	-	0.25 ²	2.04 ³	4.38 ⁶		3.96 ³	6.38 ⁶		-	1.10 ³	3.10 ³	5.68 ⁶	11.47 ⁶	4.99 ³	7.78 ⁶	14.16 ⁶
	24	-	-	-	0.89 ³		2.27 ²	4.44 ³		-	-	-	2.38 ³	8.06 ⁶	3.19 ²	5.73 ³	11.55 ⁶

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2. Allowable axial load in kips/stud
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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	800S200-(mils)									800S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.37	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.69	13.29	23.46	9.69	13.29	23.46
	16	3.22	4.76	8.51	12.62	21.22	8.51	12.62	21.22		5.58	9.55	13.29	23.46	9.69	13.29	23.46
	24	2.58	4.50	7.85	11.87	20.56	8.51	12.62	20.56		5.55	8.75	13.29	23.46	9.69	13.29	23.46
9	12	3.24	4.74	8.44	12.44	20.88	8.44	12.44	20.88		5.54	9.58	13.18	23.16	9.58	13.18	23.16
	16	2.85	4.73	8.23	12.28	20.88	8.44	12.44	20.88		5.54	9.12	13.18	23.16	9.58	13.18	23.16
	24	1.96	3.97	7.21	11.15	19.73	8.44	12.44	19.73		5.00	8.12	12.76	22.96	9.58	13.18	23.16
10	12	2.92	4.71	8.35	12.24	20.50	8.35	12.24	20.50		5.49	9.27	13.06	22.83	9.46	13.06	22.83
	16	2.44	4.32	7.75	11.75	20.43	8.35	12.24	20.43		5.33	8.65	13.06	22.83	9.46	13.06	22.83
	24	1.26 ⁷	3.40	6.49	10.36	18.80	8.14	12.24	18.80		4.39	7.41	11.98	22.06	9.46	13.06	22.83
12	12	2.20	4.04	7.55	11.53	19.64	8.16	11.79	19.64		5.01	8.45	12.78	22.11	9.18	12.78	22.11
	16	1.41 ⁶	3.39 ⁷	6.64	10.53	18.99	7.92	11.79	18.99		4.34	7.56	12.15	22.11	9.18	12.78	22.11
	24	-	1.89 ⁶	4.82 ⁶	8.52	16.65	6.58 ⁶	11.03	16.65		3.01 ⁶	5.77 ⁷	10.19	19.99	7.93 ⁷	12.28	22.11
14	12	1.34 ⁶	3.20 ⁶	6.57	10.37	18.68	7.47	11.30	18.68		4.10 ⁷	7.49	12.04	21.33	8.73	12.46	21.33
	16	0.12 ³	2.36 ⁶	5.33 ⁶	9.04 ⁷	17.06	6.57 ⁶	10.69 ⁷	17.06		3.24 ⁶	6.27 ⁷	10.72	20.62	7.82 ⁷	12.09	21.33
	24	-	0.04 ³	2.85 ⁶	6.34 ⁶	13.91 ⁷	4.89 ⁶	8.84 ⁶	13.91 ⁷		1.15 ³	3.84 ⁶	8.06 ⁶	17.47	6.12 ⁶	10.15 ⁶	20.45
16	12	0.20 ³	2.30 ⁶	5.19 ⁶	8.42 ⁷	15.68	6.23 ⁶	9.99 ⁷	15.68		3.13 ⁶	6.23 ⁶	10.17 ⁷	19.37	7.38 ⁶	11.50 ⁷	20.53
	16	-	0.94 ³	3.81 ⁶	6.88 ⁶	13.68 ⁷	5.15 ⁶	8.80 ⁶	13.68 ⁷		2.06 ³	4.78 ⁶	8.58 ⁶	17.28	6.29 ⁶	10.23 ⁶	19.91
	24	-	-	0.57 ³	3.82 ³	10.14 ⁶	3.21 ³	6.66 ³	10.14 ⁶		-	1.61 ³	5.62 ³	13.56 ⁶	4.31 ³	7.91 ³	17.02 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	800S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	16		6.34	10.83	14.87	25.72	10.83	14.87	25.72					
	24		6.34	10.04	14.28	25.72	10.83	14.87	25.72					
9	12		6.29	10.72	14.71	25.50	10.72	14.71	25.50					
	16		6.29	10.42	14.68	25.50	10.72	14.71	25.50					
	24		5.95	9.41	13.60	25.50	10.72	14.71	25.50					
10	12		6.24	10.56	14.53	25.25	10.59	14.53	25.25					
	16		6.24	9.95	14.17	25.25	10.59	14.53	25.25					
	24		5.32	8.71	12.84	24.86	10.59	14.53	24.86					
12	12		5.94	9.75	13.96	24.39	10.30	14.11	24.39					
	16		5.24	8.86	13.00	24.39	10.30	14.11	24.39					
	24		3.91 ⁷	7.07	11.08	22.84	9.30	14.11	22.84					
14	12		4.97	8.78	12.92	23.43	9.97	13.64	23.43					
	16		4.08 ⁶	7.57	11.61	23.43	9.17	13.64	23.43					
	24		2.09 ⁶	5.14 ⁶	9.00 ⁷	20.46	7.38 ⁶	11.86 ⁷	20.46					
16	12		3.93 ⁶	7.55 ⁷	11.46	22.14	8.68 ⁷	13.03	22.14					
	16		2.86 ⁶	6.08 ⁶	9.82 ⁷	20.06	7.53 ⁶	11.77 ⁷	20.06					
	24		-	2.91 ³	6.60 ⁶	16.31 ⁶	5.43 ³	9.47 ⁶	16.31 ⁶					

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S137-(mils)									925S162-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	2.94	4.31	7.73	10.99		7.87	10.99		3.35	4.92	8.76	12.31	20.00	8.94	12.42	20.00
	16	2.80	4.31	7.39	10.62		7.87	10.99		3.34	4.92	8.42	11.94	20.00	8.94	12.42	20.00
	24	2.22	4.15	6.72	9.87		7.87	10.99		2.78	4.92	7.75	11.20	19.52	8.94	12.42	20.00
9	12	2.83	4.27	7.46	10.70		7.79	10.84		3.32	4.87	8.49	12.01	19.74	8.86	12.26	19.74
	16	2.49	4.27	7.04	10.22		7.79	10.84		3.01	4.87	8.07	11.54	19.74	8.86	12.26	19.74
	24	1.67	3.69	6.19	9.28		7.79	10.84		2.23	4.45	7.21	10.60	18.82	8.86	12.26	19.74
10	12	2.55	4.23	7.16	10.36		7.71	10.68		3.08	4.83	8.19	11.68	19.46	8.76	12.08	19.46
	16	2.13	3.97	6.64	9.78		7.71	10.68		2.66	4.74	7.67	11.10	19.41	8.76	12.08	19.46
	24	1.06 ⁷	3.18	5.59	8.61		7.71	10.68		1.62	3.92	6.62	9.94	18.03	8.76	12.08	19.46
12	12	1.94	3.71	6.47	9.59		7.52	10.32		2.45	4.45	7.50	10.92	18.82	8.56	11.67	18.82
	16	1.19 ⁷	3.15	5.72	8.75		7.52	10.32		1.75 ⁷	3.88	6.74	10.08	18.20	8.56	11.67	18.82
	24	-	1.90 ⁶	4.21 ⁷	7.07		6.36 ⁷	9.99		0.19 ⁶	2.71 ⁶	5.23	8.41	16.22	7.66	11.67	18.82
14	12	1.13 ⁶	2.97 ⁷	5.65	8.68		7.09	9.90		1.69 ⁶	3.67	6.68	10.01	18.09	8.29	11.21	18.09
	16	0.07 ⁶	2.25 ⁶	4.63 ⁷	7.53		6.32 ⁷	9.74		0.64 ⁶	2.92 ⁶	5.65 ⁷	8.88	16.77	7.58 ⁷	11.21	18.09
	24	-	0.24 ³	2.57 ⁶	5.24 ⁶		4.85 ⁶	8.20 ⁶		-	1.09 ⁶	3.59 ⁶	6.60 ⁶	14.07	6.05 ⁶	9.80 ⁶	17.75
16	12	0.14 ³	2.18 ⁶	4.71 ⁶	7.63 ⁷		5.95 ⁶	9.17 ⁷		0.72 ⁶	2.83 ⁶	5.73 ⁷	8.97	16.63	7.15 ⁷	10.71	17.29
	16	-	1.07 ³	3.37 ⁶	6.13 ⁶		5.02 ⁶	8.19 ⁶		-	1.88 ⁶	4.39 ⁶	7.48 ⁶	14.83	6.17 ⁶	9.72 ⁶	17.29
	24	-	-	0.69 ³	3.14 ³		3.31 ³	6.35 ³		-	-	1.70 ³	4.51 ⁶	11.55 ⁶	4.38 ³	7.82 ⁶	14.90 ⁶

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- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 4 Deflection exceeds L/480
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720

50 psf Lateral Load																	
Wall Height (ft.)	Spacing (in.) O.C.	925S200-(mils)									925S250-(mils)						
		33 ksi					50 ksi				33 ksi					50 ksi	
		33	43	54	68	97	54	68	97	33	43	54	68	97	54	68	97
8	12	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.92	13.62	24.24	9.92	13.62	24.24
	16	3.43	4.86	8.72	13.01	22.04	8.72	13.01	22.04		5.69	9.89	13.62	24.24	9.92	13.62	24.24
	24	2.89	4.84	8.35	12.46	21.45	8.72	13.01	21.45		5.69	9.24	13.62	24.24	9.92	13.62	24.24
9	12	3.41	4.84	8.66	12.86	21.77	8.66	12.86	21.77		5.65	9.83	13.53	24.00	9.83	13.53	24.00
	16	3.14	4.84	8.66	12.81	21.77	8.66	12.86	21.77		5.65	9.54	13.53	24.00	9.83	13.53	24.00
	24	2.35	4.37	7.83	11.88	20.76	8.66	12.86	20.76		5.44	8.72	13.45	23.95	9.83	13.53	24.00
10	12	3.20	4.81	8.59	12.70	21.46	8.59	12.70	21.46		5.62	9.66	13.43	23.74	9.74	13.43	23.74
	16	2.78	4.69	8.27	12.37	21.34	8.59	12.70	21.34		5.62	9.15	13.43	23.74	9.74	13.43	23.74
	24	1.75	3.86	7.24	11.23	20.00	8.59	12.70	20.00		4.91	8.14	12.81	23.21	9.74	13.43	23.74
12	12	2.57	4.46	8.11	12.19	20.78	8.43	12.34	20.78		5.48	8.99	13.21	23.15	9.52	13.21	23.15
	16	1.87	3.87	7.36	11.37	20.16	8.43	12.34	20.16		4.88	8.26	12.95	23.15	9.52	13.21	23.15
	24	0.31 ⁶	2.52 ⁷	5.88	9.72	18.23	7.46	12.34	18.23		3.67	6.79	11.33	21.49	8.91	13.21	23.15
14	12	1.81 ⁷	3.71	7.30	11.30	20.00	8.26	11.93	20.00		4.68	8.20	12.88	22.49	9.26	12.96	22.49
	16	0.77 ⁶	2.93 ⁷	6.29	10.18	18.77	7.49	11.93	18.77		3.89	7.20	11.78	22.01	8.86	12.96	22.49
	24	-	0.90 ⁶	4.26 ⁶	7.93 ⁷	16.14	5.93 ⁶	10.75 ⁷	16.14		2.04 ⁶	5.20 ⁷	9.58	19.46	7.28 ⁷	12.01	22.49
16	12	0.85 ⁶	2.88 ⁶	6.37 ⁷	10.27	18.87	7.23 ⁷	11.50	18.87		3.79 ⁷	7.28	11.87	21.79	8.50	12.66	21.79
	16	-	1.69 ⁶	5.05 ⁶	8.80 ⁷	17.16	6.21 ⁶	10.72 ⁷	17.16		2.82 ⁶	5.98 ⁷	10.44	20.45	7.48 ⁷	12.11	21.79
	24	-	-	2.40 ³	5.87 ⁶	13.72 ⁷	4.31 ³	8.76 ⁶	13.72 ⁷		0.14 ³	3.37 ⁶	7.57 ⁶	17.11 ⁷	5.56 ⁶	10.05 ⁶	20.58 ⁷

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- 7 Deflection exceeds L/720

50 psf Lateral Load														
Wall Height (ft.)	Spacing (in.) O.C.	925S300-(mils)												
		33 ksi					50 ksi							
		33	43	54	68	97	54	68	97					
8	12		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	16		6.45	11.06	15.24	26.42	11.06	15.24	26.42					
	24		6.45	10.52	14.84	26.42	11.06	15.24	26.42					
9	12		6.41	10.97	15.11	26.25	10.97	15.11	26.25					
	16		6.41	10.83	15.11	26.25	10.97	15.11	26.25					
	24		6.41	10.00	14.28	26.25	10.97	15.11	26.25					
10	12		6.37	10.88	14.97	26.06	10.88	14.97	26.06					
	16		6.37	10.44	14.75	26.06	10.88	14.97	26.06					
	24		5.86	9.42	13.65	25.97	10.88	14.97	25.97					
12	12		6.28	10.28	14.57	25.54	10.65	14.64	25.54					
	16		5.82	9.54	13.78	25.54	10.65	14.64	25.54					
	24		4.62	8.07	12.20	24.29	10.33	14.64	24.29					
14	12		5.60	9.48	13.72	24.76	10.38	14.26	24.76					
	16		4.79	8.48	12.64	24.76	10.27	14.26	24.76					
	24		3.02 ⁶	6.48 ⁷	10.48	22.31	8.64 ⁷	13.82	22.31					
16	12		4.67	8.56	12.73	23.90	9.88	13.84	23.90					
	16		3.66 ⁶	7.26 ⁷	11.32	23.27	8.82 ⁷	13.78	23.27					
	24		1.13 ⁶	4.64 ⁶	8.50 ⁶	20.02	6.83 ⁶	11.74 ⁶	20.02					

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