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STUDRITE® STUDS

CSI Sections:

05 40 00 Cold-Formed Metal Framing
05 41 00 Structural Metal Stud Framing
09 22 16.13 Non-Structural Metal Stud Framing

1.0 RECOGNITION

StudRite® studs have been evaluated for use as wall framing in non-loadbearing and loadbearing walls. The structural properties of the StudRite® studs were evaluated for compliance with the following codes:

- 2021, 2018, and 2015 International Building Code® (IBC)
- 2020 Florida Building Code (FBC, Building)- Including HVHZ - Supplement attached
- 2022 New York City Building Code (NYCBC) – Supplement attached

2.0 LIMITATIONS

Use of StudRite® studs recognized in this report is subject to the following limitations:

2.1 Plans, calculations, and specifications verifying compliance with this report shall be submitted to the building official when applying for a building permit. The documents shall be prepared and sealed by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.

2.2 The minimum uncoated base-metal thickness of StudRite® studs shall not be less than 95 percent of the design thickness.

2.3 StudRite® studs listed in Table 1A are limited to non-structural applications as defined by AISI S220.

2.4 The interior nonload-bearing composite wall assemblies in Table 6 shall be limited to interior installations where the superimposed axial load is zero pounds.

2.5 The StudRite® cold-formed steel studs recognized in this report are produced by Marino\WARE in South Plainfield, New Jersey, and East Chicago, Indiana.

3.0 PRODUCT USE

StudRite® studs (Tables 1A, 1B, and Figure 1) are used as studs in non-loadbearing walls and loadbearing walls; interior and exterior. Section properties used in designs are specified in Table 2. Allowable loads and spans are shown in Tables 3 through 6.

Design and installation of StudRite® studs shall comply with the applicable code, the approved plans, and this report. Where conflicts occur, the most restrictive shall govern.

3.1 Design: For applications not covered by Tables 3 through 6, StudRite® studs shall be designed in accordance with AISI S100.

3.2 Installation: For composite system walls, fastening of the stud to the track is optional. The end bearing of the stud on the track shall be a minimum of 1 inch. The gypsum wallboard shall be installed on both sides of the wall framing for the full height of the wall, with the long dimension of the gypsum wallboard parallel to the studs. Placement of joints in the gypsum sheathing shall be in accordance with Sections 4.6.3 and 4.6.4 of GA-216 or Section 7.5 of ASTM C840.

The maximum spacing of fasteners attaching the gypsum wallboard to the studs and tracks shall be as follows:

Stud Spacing:	Studs:	Tracks:
12” o.c.	12” o.c.	16” o.c.
16” o.c.	12” o.c.	16” o.c.
24” o.c.	12” o.c.	12” o.c.

4.0 PRODUCT DESCRIPTION

4.1 General

StudRite® studs are C-shaped cold-formed steel studs. The studs have triangular-shaped, lipped holes that allow for the routing of building utilities. Figure 1 provides an illustration of the stud. Data is derived from testing and analysis of members cut through the hole. Tables 1A and 1B list member designations and geometry details.

4.2 Material Information

4.2.1 Steel: The studs listed in Table 1B are cold-formed from galvanized steel coils produced to ASTM A653, SS Grade 33; ASTM A653, SS Grade 50, Class 1; ASTM A1003, Structural Grade 33, Type H (ST33H); or ASTM A1003, Structural Grade 50, Type H (ST50H). The steel has

The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.

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a minimum G60 galvanized coating designation in accordance with ASTM A653.

The studs listed in Table 1A are cold-formed from galvanized steel coils produced to ASTM A653, SS Grade 40, or ASTM A1003, Nonstructural Grade 40 (NS40). The steel has a minimum G40 galvanized coating designation in accordance with ASTM A653.

4.2.2 Gypsum Wallboard: The gypsum wallboard used for the composite action wall assemblies in Table 5 shall be a minimum of $^{5}/_{8}$-inch thick, Type X, complying with ASTM C1396 manufactured by American Gypsum, CertainTeed; Continental; Georgia Pacific; National Gypsum; or USG. For the non-composite action wall assemblies in Tables 2A and 2B, the wallboard is allowed to be any wallboard allowed by the applicable code.

4.2.3 Fasteners: Fasteners attaching the gypsum wallboard to the studs and tracks shall be No. 6, Type S, fine thread drywall bugle head screws meeting the requirements of ASTM C1002.

5.0 IDENTIFICATION

StudRite® studs are stamped, stenciled, or embossed at a maximum of 96 inches on center with the manufacturer's name (Marino\WARE) or initials (MW), the member designation, the minimum uncoated steel thickness, the minimum yield strength if over 33 ksi, the metallic coating designation, and the evaluation report number (ER-781). The IAPMO Uniform Evaluation Service Mark of Conformity may also be used as shown below:

IAPMO UES ER-781

6.0 SUBSTANTIATING DATA

Test reports are from laboratories in compliance with ISO/IEC 17025.

6.1 Testing and analysis data in accordance with Acceptance Criteria for Cold-formed Steel Framing Members (ICC-ES AC46).

6.2 Testing and analysis of data in accordance with AISI S100, AISI S220, and AISI S240.

6.3 Testing and analysis data in accordance with Acceptance Criteria for Cold-formed Steel Framing Members–Interior Nonload-bearing Wall Assemblies (ICC-ES AC86).

6.4 Testing and analysis of data in accordance with AISI S916.

7.0 REFERENCE CODE SECTIONS

The code references apply to the recognition provided in this report but may not include every code section related to the use of this product.

International Building Code:

- Section 104.11 Alternative materials, design and methods of construction and equipment.
- Section 2210.1 General
- Section 2211.1 Structural framing.
- Section 2211.2 Nonstructural members.
- Table 2508.1 Installation of Gypsum Construction.
- Table 2511.1.1 Installation of Plaster Construction.

8.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research completed by IAPMO Uniform Evaluation Service on the StudRite® cold-formed steel studs to assess their conformance to the codes shown in Section 1.0 of this report and documents the product's certification. Products are manufactured at locations noted in Section 2.5 of this report under a quality control program with periodic inspection under the supervision of IAPMO UES.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org

For SI Units:

1 inch = 25.4 mm	1 plf = 14.5939 N/m
1 ksi = 6.895 MPa	1 lb = 0.4536 kg
1 psf = 47.88 Pa	1 kip-inch = 112.99 N-m

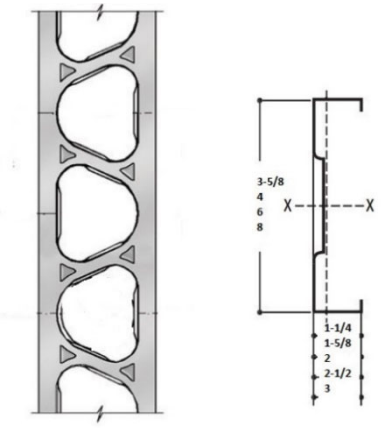

FIGURE 1—StudRite® STUD

TABLE 1A— StudRite® NONSTRUCTURAL MEMBERS[1,3]

Section Identification	F_y (ksi)	Height[2] (in.)	Flange (in.)	Lip (in.)	Weight (plf)	Design Thickness (in.)	Minimum Thickness (in.)
362SR125-18	40	3 5/8	1 1/4	1/4	0.36	0.0188	0.0179
362SR125-30	40	3 5/8	1 1/4	1/4	0.59	0.0312	0.0297
362SR125-33	40	3 5/8	1 1/4	1/4	0.65	0.0346	0.0329
362SR125-43	40	3 5/8	1 1/4	1/4	0.84	0.0451	0.0429
400SR125-18	40	4	1 1/4	1/4	0.38	0.0188	0.0179
400SR125-30	40	4	1 1/4	1/4	0.63	0.0312	0.0297
400SR125-33	40	4	1 1/4	1/4	0.69	0.0346	0.0329
400SR125-43	40	4	1 1/4	1/4	0.90	0.0451	0.0429
600SR125-18	40	6	1 1/4	1/4	0.46	0.0188	0.0179
600SR125-30	40	6	1 1/4	1/4	0.76	0.0312	0.0297
600SR125-33	40	6	1 1/4	1/4	0.84	0.0346	0.0329
600SR125-43	40	6	1 1/4	1/4	1.09	0.0451	0.0429

[1] Table 1B members have a G40 galvanized coating in accordance with ASTM A653.
[2] Height is measured from the outside face to the outside face of the flanges.
[3] Nonstructural members are limited to use in interior applications only.

TABLE 1B—StudRite® STRUCTURAL MEMBERS[1,3]

Section Identification	F_y (ksi)	Height[2] (in.)	Flange (in.)	Lip (in.)	Weight (plf)	Design Thickness (in.)	Minimum Thickness (in.)	Section Identification	F_y (ksi)	Height[2] (in.)	Flange (in.)	Lip (in.)	Weight (plf)	Design Thickness (in.)	Minimum Thickness (in.)
362SR162-33	33	3 5/8	1 5/8	½	0.80	0.0346	0.0329	600SR162-33	33	6	1 5/8	½	0.99	0.0346	0.0329
362SR162-43	33	3 5/8	1 5/8	½	1.03	0.0451	0.0429	600SR162-43	33	6	1 5/8	½	1.29	0.0451	0.0429
362SR162-54	50	3 5/8	1 5/8	½	1.28	0.0566	0.0538	600SR162-54	50	6	1 5/8	½	1.60	0.0566	0.0538
362SR162-68	50	3 5/8	1 5/8	½	1.59	0.0713	0.0678	600SR162-68	50	6	1 5/8	½	1.99	0.0713	0.0678
362SR162-97	50	3 5/8	1 5/8	½	2.19	0.1017	0.0967	600SR162-97	50	6	1 5/8	½	2.76	0.1017	0.0967
362SR200-33	33	3 5/8	2	5/8	0.92	0.0346	0.0329	600SR200-33	33	6	2	5/8	1.11	0.0346	0.0329
362SR200-43	33	3 5/8	2	5/8	1.19	0.0451	0.0429	600SR200-43	33	6	2	5/8	1.44	0.0451	0.0429
362SR200-54	50	3 5/8	2	5/8	1.47	0.0566	0.0538	600SR200-54	50	6	2	5/8	1.79	0.0566	0.0538
362SR200-68	50	3 5/8	2	5/8	1.83	0.0713	0.0678	600SR200-68	50	6	2	5/8	2.23	0.0713	0.0678
362SR200-97	50	3 5/8	2	5/8	2.53	0.1017	0.0967	600SR200-97	50	6	2	5/8	3.10	0.1017	0.0967
362SR250-33	33	3 5/8	2½	5/8	1.03	0.0346	0.0329	600SR250-33	33	6	2½	5/8	1.23	0.0346	0.0329
362SR250-43	33	3 5/8	2½	5/8	1.34	0.0451	0.0429	600SR250-43	33	6	2½	5/8	1.59	0.0451	0.0429
362SR250-54	50	3 5/8	2½	5/8	1.67	0.0566	0.0538	600SR250-54	50	6	2½	5/8	1.98	0.0566	0.0538
362SR250-68	50	3 5/8	2½	5/8	2.07	0.0713	0.0678	600SR250-68	50	6	2½	5/8	2.47	0.0713	0.0678
362SR250-97	50	3 5/8	2½	5/8	2.88	0.1017	0.0967	600SR250-97	50	6	2½	5/8	3.45	0.1017	0.0967
362SR300-33	33	3 5/8	3	5/8	1.15	0.0346	0.0329	600SR300-33	33	6	3	5/8	1.35	0.0346	0.0329
362SR300-43	33	3 5/8	3	5/8	1.49	0.0451	0.0429	600SR300-43	33	6	3	5/8	1.75	0.0451	0.0429
362SR300-54	50	3 5/8	3	5/8	1.86	0.0566	0.0538	600SR300-54	50	6	3	5/8	2.18	0.0566	0.0538
362SR300-68	50	3 5/8	3	5/8	2.32	0.0713	0.0678	600SR300-68	50	6	3	5/8	2.72	0.0713	0.0678
362SR300-97	50	3 5/8	3	5/8	3.22	0.1017	0.0967	600SR300-97	50	6	3	5/8	3.80	0.1017	0.0967
400SR162-33	33	4	1 5/8	½	0.84	0.0346	0.0329	---	---	---	---	---	---	---	---
400SR162-43	33	4	1 5/8	½	1.09	0.0451	0.0429	800SR162-43	33	8	1 5/8	½	1.35	0.0451	0.0429
400SR162-54	50	4	1 5/8	½	1.35	0.0566	0.0538	800SR162-54	50	8	1 5/8	½	1.68	0.0566	0.0538
400SR162-68	50	4	1 5/8	½	1.68	0.0713	0.0678	800SR162-68	50	8	1 5/8	½	2.09	0.0713	0.0678
400SR162-97	50	4	1 5/8	½	2.32	0.1017	0.0967	800SR162-97	50	8	1 5/8	½	2.91	0.1017	0.0967
400SR200-33	33	4	2	5/8	0.96	0.0346	0.0329	---	---	---	---	---	---	---	---
400SR200-43	33	4	2	5/8	1.24	0.0451	0.0429	800SR200-43	33	8	2	5/8	1.51	0.0451	0.0429
400SR200-54	50	4	2	5/8	1.55	0.0566	0.0538	800SR200-54	50	8	2	5/8	1.88	0.0566	0.0538
400SR200-68	50	4	2	5/8	1.92	0.0713	0.0678	800SR200-68	50	8	2	5/8	2.34	0.0713	0.0678
400SR200-97	50	4	2	5/8	2.66	0.1017	0.0967	800SR200-97	50	8	2	5/8	3.26	0.1017	0.0967
400SR250-33	33	4	2½	5/8	1.08	0.0346	0.0329	---	---	---	---	---	---	---	---
400SR250-43	33	4	2½	5/8	1.40	0.0451	0.0429	800SR250-43	33	8	2½	5/8	1.66	0.0451	0.0429
400SR250-54	50	4	2½	5/8	1.74	0.0566	0.0538	800SR250-54	50	8	2½	5/8	2.07	0.0566	0.0538
400SR250-68	50	4	2½	5/8	2.16	0.0713	0.0678	800SR250-68	50	8	2½	5/8	2.58	0.0713	0.0678
400SR250-97	50	4	2½	5/8	3.01	0.1017	0.0967	800SR250-97	50	8	2½	5/8	3.60	0.1017	0.0967
400SR300-33	33	4	3	5/8	1.20	0.0346	0.0329	---	---	---	---	---	---	---	---
400SR300-43	33	4	3	5/8	1.55	0.0451	0.0429	800SR300-43	33	8	3	5/8	1.81	0.0451	0.0429
400SR300-54	50	4	3	5/8	1.93	0.0566	0.0538	800SR300-54	50	8	3	5/8	2.26	0.0566	0.0538
400SR300-68	50	4	3	5/8	2.41	0.0713	0.0678	800SR300-68	50	8	3	5/8	2.82	0.0713	0.0678
400SR300-97	50	4	3	5/8	3.35	0.1017	0.0967	800SR300-97	50	8	3	5/8	3.95	0.1017	0.0967

[1] Table 1A members have a G60 galvanized coating in accordance with ASTM A653.
[2] Height is measured from the outside face to the outside face of the flanges.
[3] The user should check with the factory for the availability of 68 and 97 mil members.

TABLE 2A—StudRite® NONSTRUCTURAL SECTION PROPERTIES

Section Identification	F_y (ksi)	Net Section Properties						Net Effective Properties				Torsional Properties						L_u (in.)
		Area (in^2)	I_x (in^4)	S_x (in^3)	r_x (in.)	I_y (in^4)	r_y (in.)	I_{xed} (in^4)	S_{xe} (in^3)	M_a (k-in)	V_a (kip)	J x 10^3 (in^4)	C_w (in^6)	x_o	m	r_o (in.)	β	
362SR125-18	40	0.100	0.240	0.132	1.55	0.0187	0.432	0.219	0.104	1.87	0.094	0.0118	0.0584	-0.951	0.532	1.87	0.740	25.6
362SR125-30	40	0.165	0.392	0.216	1.54	0.0300	0.426	0.383	0.188	3.84	0.219	0.0535	0.0929	-0.938	0.524	1.85	0.744	25.4
362SR125-33	40	0.182	0.432	0.239	1.54	0.0329	0.425	0.424	0.214	4.43	0.262	0.0727	0.102	-0.934	0.522	1.85	0.745	25.3
362SR125-43	40	0.235	0.556	0.307	1.54	0.0416	0.420	0.556	0.293	6.38	0.419	0.160	0.128	-0.923	0.515	1.84	0.749	25.2
400SR125-18	40	0.107	0.302	0.151	1.68	0.0199	0.430	0.277	0.120	2.09	0.094	0.0127	0.0735	-0.904	0.512	1.95	0.786	25.8
400SR125-30	40	0.176	0.494	0.247	1.67	0.0318	0.425	0.483	0.216	4.30	0.219	0.0573	0.117	-0.891	0.504	1.94	0.790	25.5
400SR125-33	40	0.195	0.545	0.273	1.67	0.0350	0.423	0.535	0.246	4.98	0.262	0.0779	0.128	-0.887	0.502	1.94	0.791	25.5
400SR125-43	40	0.252	0.701	0.350	1.67	0.0442	0.419	0.701	0.336	7.20	0.419	0.171	0.161	-0.877	0.496	1.93	0.794	25.3
600SR125-18	40	0.119	0.776	0.259	2.55	0.0216	0.426	0.718	0.210	2.93	0.094	0.0141	0.180	-0.799	0.459	2.71	0.913	25.1
600SR125-30	40	0.197	1.270	0.424	2.54	0.0347	0.420	1.250	0.376	6.25	0.219	0.0638	0.287	-0.786	0.451	2.70	0.915	24.9
600SR125-33	40	0.217	1.410	0.468	2.54	0.0381	0.419	1.380	0.427	7.29	0.262	0.0868	0.315	-0.783	0.449	2.69	0.915	24.8
600SR125-43	40	0.281	1.810	0.604	2.54	0.0482	0.414	1.810	0.580	10.8	0.419	0.191	0.397	-0.773	0.443	2.68	0.917	24.6

TABLE 2B—StudRite® STRUCTURAL SECTION PROPERTIES

Section Identification	F_y (ksi)	Net Section Properties						Net Effective Properties				Torsional Properties						L_u (in.)
		Area (in^2)	I_x (in^4)	S_x (in^3)	r_x (in.)	I_y (in^4)	r_y (in.)	I_{xed} (in^4)	S_{xe} (in^3)	M_a (k-in)	V_a (kip)	J x 10^3 (in^4)	C_w (in^6)	x_o	m	r_o (in.)	β	
362SR162-33	33	0.225	0.552	0.305	1.56	0.081	0.599	0.552	0.291	5.8	0.216	0.090	0.288	-1.45	0.809	2.21	0.573	40.1
362SR162-43	33	0.292	0.711	0.392	1.56	0.103	0.595	0.711	0.392	7.8	0.346	0.198	0.364	-1.44	0.802	2.20	0.575	40.0
362SR162-54	50	0.361	0.874	0.482	1.56	0.125	0.588	0.874	0.467	14.0	0.791	0.385	0.443	-1.42	0.795	2.19	0.577	32.3
362SR162-68	50	0.446	1.070	0.590	1.55	0.150	0.580	1.070	0.590	17.7	1.210	0.756	0.535	-1.41	0.785	2.17	0.580	32.2
362SR162-97	50	0.610	1.430	0.791	1.53	0.192	0.561	1.430	0.791	23.7	2.360	2.100	0.699	-1.37	0.766	2.13	0.586	32.1
362SR200-33	33	0.260	0.649	0.358	1.58	0.146	0.748	0.638	0.319	6.3	0.216	0.104	0.562	-1.89	1.05	2.58	0.460	50.6
362SR200-43	33	0.337	0.837	0.462	1.58	0.186	0.744	0.837	0.448	8.9	0.346	0.228	0.714	-1.88	1.05	2.57	0.462	50.5
362SR200-54	50	0.417	1.030	0.569	1.57	0.227	0.738	1.030	0.515	15.4	0.791	0.446	0.871	-1.87	1.04	2.55	0.463	40.8
362SR200-68	50	0.517	1.270	0.698	1.56	0.275	0.729	1.270	0.683	20.4	1.210	0.877	1.060	-1.85	1.03	2.53	0.465	40.8
362SR200-97	50	0.712	1.710	0.944	1.55	0.360	0.711	1.710	0.944	28.3	2.360	2.460	1.400	-1.82	1.01	2.49	0.468	40.8
362SR250-33	33	0.295	0.761	0.420	1.61	0.250	0.922	0.716	0.342	6.8	0.216	0.118	0.940	-2.38	1.31	3.01	0.378	60.9
362SR250-43	33	0.382	0.981	0.541	1.60	0.321	0.917	0.974	0.472	9.3	0.346	0.259	1.200	-2.37	1.30	3.00	0.379	60.8
362SR250-54	50	0.474	1.210	0.668	1.60	0.393	0.911	1.160	0.541	16.2	0.791	0.506	1.470	-2.35	1.29	2.99	0.379	49.2
362SR250-68	50	0.589	1.490	0.823	1.59	0.478	0.902	1.480	0.708	21.2	1.210	1.000	1.790	-2.34	1.28	2.97	0.380	49.2
362SR250-97	50	0.814	2.030	1.120	1.58	0.634	0.882	2.030	1.070	32.1	2.360	2.810	2.390	-2.30	1.26	2.93	0.382	49.3
362SR300-33	33	0.329	0.872	0.481	1.63	0.392	1.090	0.781	0.356	7.0	0.216	0.131	1.440	-2.86	1.56	3.47	0.319	70.8
362SR300-43	33	0.427	1.130	0.621	1.62	0.504	1.090	1.060	0.484	9.6	0.346	0.289	1.840	-2.85	1.56	3.46	0.319	70.7
362SR300-54	50	0.531	1.390	0.768	1.62	0.618	1.080	1.260	0.558	16.7	0.791	0.567	2.260	-2.84	1.55	3.44	0.320	57.3
362SR300-68	50	0.660	1.720	0.947	1.61	0.755	1.070	1.620	0.737	22.1	1.210	1.120	2.770	-2.82	1.54	3.42	0.320	57.3
362SR300-97	50	0.916	2.340	1.290	1.60	1.010	1.050	2.310	1.170	34.9	2.360	3.160	3.710	-2.79	1.52	3.38	0.320	57.5
400SR162-33	33	0.236	0.692	0.346	1.71	0.085	0.600	0.692	0.332	6.6	0.216	0.094	0.354	-1.39	0.784	2.29	0.629	40.1
400SR162-43	33	0.305	0.892	0.446	1.71	0.109	0.596	0.892	0.446	8.8	0.346	0.207	0.449	-1.38	0.777	2.28	0.631	39.9
400SR162-54	50	0.378	1.098	0.549	1.70	0.132	0.590	1.100	0.532	15.9	0.791	0.404	0.546	-1.37	0.770	2.26	0.634	32.2
400SR162-68	50	0.468	1.350	0.673	1.70	0.158	0.581	1.350	0.673	20.1	1.210	0.793	0.661	-1.35	0.760	2.25	0.637	32.1
400SR162-97	50	0.642	1.810	0.905	1.68	0.203	0.563	1.810	0.905	27.1	2.360	2.210	0.867	-1.32	0.741	2.21	0.644	31.9
400SR200-33	33	0.271	0.812	0.406	1.73	0.153	0.752	0.798	0.363	7.2	0.216	0.108	0.682	-1.83	1.02	2.63	0.515	50.4
400SR200-43	33	0.350	1.050	0.524	1.73	0.196	0.747	1.050	0.509	10.1	0.346	0.238	0.867	-1.82	1.02	2.62	0.517	50.3
400SR200-54	50	0.435	1.290	0.646	1.72	0.239	0.741	1.290	0.585	17.5	0.791	0.464	1.060	-1.81	1.01	2.61	0.518	40.7
400SR200-68	50	0.539	1.590	0.794	1.72	0.289	0.732	1.590	0.776	23.2	1.210	0.913	1.290	-1.79	1.00	2.59	0.520	40.6
400SR200-97	50	0.743	2.150	1.080	1.70	0.379	0.714	2.150	1.080	32.2	2.360	2.560	1.710	-1.76	0.981	2.55	0.525	40.5
400SR250-33	33	0.305	0.948	0.474	1.76	0.262	0.927	0.894	0.388	7.7	0.216	0.122	1.140	-2.31	1.28	3.05	0.426	60.8
400SR250-43	33	0.396	1.220	0.612	1.76	0.336	0.922	1.220	0.535	10.6	0.346	0.268	1.460	-2.30	1.27	3.04	0.428	60.7
400SR250-54	50	0.491	1.510	0.756	1.75	0.412	0.915	1.450	0.615	18.4	0.791	0.525	1.790	-2.29	1.26	3.02	0.428	49.1
400SR250-68	50	0.610	1.860	0.932	1.75	0.502	0.907	1.840	0.803	24.1	1.210	1.030	2.180	-2.27	1.25	3.00	0.430	49.0
400SR250-97	50	0.845	2.540	1.270	1.73	0.666	0.888	2.540	1.220	36.4	2.360	2.910	2.920	-2.23	1.23	2.96	0.432	49.0
400SR300-33	33	0.340	1.080	0.542	1.79	0.409	1.100	0.974	0.404	8.0	0.216	0.136	1.750	-2.79	1.53	3.49	0.361	70.7
400SR300-43	33	0.441	1.400	0.700	1.78	0.526	1.090	1.320	0.549	10.8	0.346	0.299	2.240	-2.78	1.52	3.48	0.361	70.6
400SR300-54	50	0.548	1.730	0.866	1.78	0.646	1.090	1.570	0.634	19.0	0.791	0.585	2.750	-2.77	1.52	3.46	0.362	57.2
400SR300-68	50	0.682	2.140	1.070	1.77	0.790	1.080	2.020	0.836	25.0	1.210	1.160	3.370	-2.75	1.51	3.44	0.362	57.1
400SR300-97	50	0.947	2.930	1.460	1.76	1.06	1.060	2.880	1.320	39.6	2.360	3.260	4.530	-2.71	1.49	3.40	0.363	57.2
600SR162-33	33	0.261	1.76	0.585	2.59	0.947	0.603	1.76	0.563	11.1	0.216	0.104	0.82	-1.26	0.713	2.95	0.818	38.9
600SR162-43	33	0.338	2.27	0.756	2.59	0.121	0.598	2.27	0.756	14.9	0.346	0.229	1.04	-1.25	0.707	2.94	0.820	38.7
600SR162-54	50	0.419	2.80	0.933	2.58	0.147	0.592	2.80	0.903	27.0	0.791	0.447	1.27	-1.23	0.700	2.92	0.822	31.2
600SR162-68	50	0.520	3.45	1.150	2.58	0.177	0.583	3.45	1.150	34.4	1.210	0.880	1.54	-1.22	0.691	2.91	0.825	31.0
600SR162-97	50	0.717	4.68	1.560	2.56	0.228	0.565	4.68	1.560	46.7	2.360	2.470	2.03	-1.18	0.673	2.87	0.831	30.6

Table 2 continued on next page.

TABLE 2B—StudRite® STRUCTURAL SECTION PROPERTIES (Continued)

Section Identification	F_y (ksi)	Net Section Properties						Net Effective Properties				Torsional Properties						L_u (in.)
		Area (in^2)	I_x (in^4)	S_x (in^3)	r_x (in.)	I_y (in^4)	r_y (in.)	I_{xed} (in^4)	S_{xe} (in^3)	M_a (k-in)	V_a (kip)	J x 10^3 (in^4)	C_w (in^6)	x_o	m	r_o (in.)	β	
600SR200-33	33	0.295	2.04	0.679	2.63	0.170	0.758	2.01	0.611	12.1	0.216	0.118	1.51	-1.67	0.943	3.21	0.727	48.8
600SR200-43	33	0.383	2.63	0.878	2.62	0.218	0.754	2.63	0.854	16.9	0.346	0.260	1.93	-1.66	0.936	3.20	0.729	48.6
600SR200-54	50	0.476	3.26	1.090	2.62	0.266	0.748	3.26	0.985	29.5	0.791	0.508	2.37	-1.65	0.929	3.18	0.731	39.3
600SR200-68	50	0.591	4.02	1.340	2.61	0.323	0.739	4.02	1.310	39.1	1.210	1.000	2.89	-1.63	0.920	3.17	0.734	39.1
600SR200-97	50	0.818	5.50	1.830	2.59	0.426	0.721	5.50	1.830	54.9	2.360	2.820	3.87	-1.60	0.901	3.13	0.739	38.7
600SR250-43	33	0.428	3.03	1.010	2.66	0.372	0.933	3.01	0.891	17.6	0.346	0.290	3.25	-2.12	1.18	3.53	0.638	58.9
600SR250-54	50	0.532	3.76	1.250	2.66	0.457	0.926	3.60	1.030	30.8	0.791	0.568	3.99	-2.11	1.18	3.52	0.640	47.7
600SR250-68	50	0.662	4.65	1.550	2.65	0.557	0.917	4.59	1.340	40.1	1.210	1.120	4.89	-2.09	1.17	3.50	0.642	47.5
600SR250-97	50	0.920	6.38	2.130	2.63	0.744	0.899	6.38	2.030	60.8	2.360	3.170	6.60	-2.06	1.15	3.46	0.647	47.2
600SR300-33	33	0.364	2.65	0.884	2.70	0.450	1.110	2.41	0.673	13.3	0.216	0.145	3.90	-2.61	1.44	3.91	0.557	69.1
600SR300-43	33	0.473	3.43	1.140	2.69	0.579	1.110	3.25	0.910	18.0	0.346	0.321	4.99	-2.59	1.43	3.90	0.558	68.9
600SR300-54	50	0.589	4.26	1.420	2.69	0.713	1.100	3.87	1.060	31.6	0.791	0.629	6.15	-2.58	1.42	3.89	0.559	55.8
600SR300-68	50	0.733	5.27	1.760	2.68	0.873	1.090	4.98	1.390	41.6	1.210	1.240	7.56	-2.56	1.41	3.87	0.561	55.6
600SR300-97	50	1.020	7.27	2.420	2.67	1.170	1.070	7.14	2.190	65.5	2.360	3.520	10.30	-2.53	1.39	3.83	0.564	55.4
800SR162-43	33	0.335	4.37	1.09	3.61	0.112	0.577	4.37	1.09	21.6	0.346	0.227	1.86	-1.27	0.676	3.87	0.892	36.5
800SR162-54	50	0.415	5.40	1.35	3.60	0.135	0.571	5.40	1.31	39.1	0.791	0.444	2.28	-1.26	0.669	3.86	0.894	29.4
800SR162-68	50	0.514	6.65	1.66	3.60	0.163	0.562	6.65	1.66	49.8	1.210	0.871	2.77	-1.24	0.661	3.85	0.896	29.2
800SR162-97	50	0.705	9.05	2.26	3.58	0.209	0.544	9.05	2.26	67.8	2.360	2.43	3.68	-1.21	0.643	3.82	0.900	28.6
800SR200-43	33	0.380	5.04	1.26	3.64	0.201	0.727	5.04	1.23	24.2	0.346	0.258	3.41	-1.68	0.899	4.07	0.830	45.8
800SR200-54	50	0.472	6.23	1.56	3.63	0.246	0.721	6.23	1.41	42.3	0.791	0.504	4.19	-1.66	0.892	4.06	0.832	37.0
800SR200-68	50	0.585	7.70	1.93	3.63	0.297	0.713	7.70	1.87	56.1	1.210	0.992	5.13	-1.65	0.883	4.05	0.834	36.8
800SR200-97	50	0.807	10.50	2.64	3.61	0.390	0.695	10.5	2.64	78.9	2.360	2.780	6.88	-1.62	0.865	4.02	0.838	36.3
800SR250-43	33	0.426	5.75	1.44	3.68	0.348	0.904	5.71	1.27	25.1	0.346	0.289	5.75	-2.13	1.14	4.34	0.760	56.0
800SR250-54	50	0.529	7.12	1.78	3.67	0.426	0.897	6.83	1.47	43.9	0.791	0.565	7.07	-2.12	1.13	4.33	0.761	45.3
800SR250-68	50	0.656	8.82	2.21	3.67	0.518	0.888	8.70	1.91	57.1	1.210	1.110	8.69	-2.10	1.13	4.32	0.763	45.0
800SR250-97	50	0.908	12.10	3.03	3.65	0.687	0.870	12.1	2.89	86.5	2.360	3.130	11.8	-2.07	1.11	4.29	0.767	44.6
800SR300-43	33	0.471	6.46	1.62	3.71	0.546	1.080	6.13	1.29	25.5	0.346	0.319	8.85	-2.59	1.39	4.65	0.689	65.8
800SR300-54	50	0.585	8.02	2.00	3.70	0.670	1.070	7.31	1.50	44.8	0.791	0.625	10.9	-2.58	1.38	4.64	0.690	53.3
800SR300-68	50	0.728	9.94	2.49	3.70	0.820	1.060	9.39	1.97	58.9	1.210	1.230	13.4	-2.56	1.37	4.62	0.692	53.0
800SR300-97	50	1.010	13.70	3.43	3.68	1.100	1.040	13.50	3.09	92.6	2.360	3.480	18.3	-2.53	1.35	4.59	0.696	52.6

TABLE 3A—LIMITING HEIGHTS OF NONCOMPOSITE NONSTRUCTURAL STUDS (ft-in)

MEMBER	Spacing (in. o.c.)	FULLY BRACED									STUDS BRACED AT 4 FEET O.C.								
		5 psf			7.5 psf			10 psf			5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
362RS125-18	12	16-1	14-2	12-4	13-1	12-4	10-9	11-4	11-3	9-10	15-6	14-2	12-4	12-8	12-4	10-9	11-0	11-0	9-10
	16	13-10	12-10	11-3	11-4	11-3	9-10	9-9	9-9	9-0	13-4	12-10	11-3	11-0	11-0	9-10	9-6	9-6	9-0
	24	11-4	11-3	9-10	9-3	9-3	8-7	8-0	8-0	7-9	11-0	11-0	9-10	8-10	8-10	8-7	7-8	7-8	7-8
362SR125-30	12	21-7	17-1	15-0	18-9	15-0	13-1	16-3	13-7	11-10	20-9	17-1	15-0	17-0	15-0	13-1	14-8	13-7	11-10
	16	19-7	15-7	13-7	16-3	13-7	11-10	14-1	12-3	10-9	18-0	15-7	13-7	14-8	13-7	11-10	12-8	12-3	10-9
	24	16-3	13-7	11-10	13-3	11-10	10-4	11-6	10-9	9-4	14-8	13-7	11-10	12-0	11-10	10-4	10-4	10-4	9-4
362SR125-33	12	22-3	17-8	15-6	19-6	15-6	13-6	17-6	14-1	12-3	22-2	17-8	15-6	18-1	15-6	13-6	15-8	14-1	12-3
	16	20-3	16-1	14-1	17-6	14-1	12-3	15-2	12-9	11-2	19-2	16-1	14-1	15-8	14-1	12-3	13-7	12-9	11-2
	24	17-6	14-1	12-3	14-3	12-3	10-8	12-4	11-2	9-8	15-8	14-1	12-3	12-9	12-3	10-8	11-1	11-1	9-8
362SR125-43	12	24-4	19-4	16-10	21-3	16-10	14-9	19-4	15-4	13-4	24-4	19-4	16-10	21-2	16-10	14-9	18-4	15-4	13-4
	16	22-2	17-7	15-4	19-4	15-4	13-4	17-7	14-0	12-2	22-2	17-7	15-4	18-4	15-4	13-4	15-10	14-0	12-2
	24	19-4	15-4	13-4	16-10	13-4	11-8	14-9	12-2	10-8	18-4	15-4	13-4	15-0	13-4	11-8	13-0	12-2	10-8
400SR125-18	12	16-10	15-4	13-4	13-9	13-4	11-8	11-10	11-10	10-8	16-8	15-4	13-4	13-7	13-4	11-8	11-9	11-9	10-8
	16	14-7	14-0	12-2	11-10	11-10	10-8	10-3	10-3	9-8	14-4	14-0	12-2	11-9	11-9	10-8	10-2	10-2	9-8
	24	11-10	11-10	10-8	9-9	9-9	9-3	8-4	8-4	8-4	11-9	11-9	10-8	9-7	9-7	9-3	8-3	8-3	8-3
400SR125-30	12	23-3	18-6	16-2	19-9	16-2	14-1	17-2	14-8	12-9	22-3	18-6	16-2	18-2	16-2	14-1	15-9	14-8	12-9
	16	21-0	16-9	14-8	17-2	14-8	12-9	14-10	13-3	11-8	19-3	16-9	14-8	15-9	14-8	12-9	13-8	13-3	11-8
	24	17-2	14-8	12-9	14-0	12-9	11-2	12-1	11-8	10-2	15-9	14-8	12-9	12-10	12-9	11-2	11-2	11-2	10-2
400SR125-33	12	24-1	19-1	16-8	21-1	16-8	14-7	18-6	15-2	13-3	23-9	19-1	16-8	19-4	16-8	14-7	16-9	15-2	13-3
	16	21-10	17-4	15-2	18-6	15-2	13-3	16-0	13-9	12-1	20-7	17-4	15-2	16-9	15-2	13-3	14-7	13-9	12-1
	24	18-6	15-2	13-3	15-1	13-3	11-7	13-1	12-1	10-6	16-9	15-2	13-3	13-9	13-3	11-7	11-10	11-10	10-6
400SR125-43	12	26-4	20-10	18-3	23-1	18-3	16-0	20-10	16-7	14-6	26-4	20-10	18-3	22-8	18-3	16-0	19-8	16-7	14-6
	16	24-0	19-0	16-7	20-10	16-7	14-6	19-0	15-1	13-2	24-0	19-0	16-7	19-8	16-7	14-6	17-0	15-1	13-2
	24	20-10	16-7	14-6	18-1	14-6	12-8	15-8	13-2	11-6	19-8	16-7	14-6	16-1	14-6	12-8	13-10	13-2	11-6
600SR125-18	12	20-2	20-2	18-4	16-6	16-6	16-1	14-3	14-3	14-3	20-2	20-2	18-4	16-6	16-6	16-1	14-3	14-3	14-3
	16	17-6	17-6	16-9	14-3	14-3	14-3	12-4	12-4	12-4	17-6	17-6	16-9	14-3	14-3	14-3	12-4	12-4	12-4
	24	14-3	14-3	14-3	11-7	11-7	11-7	9-4	9-4	9-4	14-3	14-3	14-3	11-7	11-7	11-7	9-4	9-4	9-4
600SR125-30	12	29-6	25-4	22-2	24-1	22-2	19-4	20-9	20-2	17-7	29-0	25-4	22-2	23-8	22-2	19-4	20-6	20-2	17-7
	16	25-6	23-1	20-2	20-9	20-2	17-7	18-0	18-0	16-0	25-1	23-1	20-2	20-6	20-2	17-7	17-9	17-9	16-0
	24	20-9	20-2	17-7	17-0	17-0	15-4	14-8	14-8	14-0	20-6	20-2	17-7	16-8	16-8	15-4	14-6	14-6	14-0
600SR125-33	12	31-9	26-3	22-10	26-0	22-10	20-0	22-6	20-9	18-2	30-10	26-3	22-10	25-2	22-10	20-0	21-9	20-9	18-2
	16	27-7	23-10	20-9	22-6	20-9	18-2	19-6	18-10	16-6	26-8	23-10	20-9	21-9	20-9	18-2	18-10	18-10	16-6
	24	22-6	20-9	18-2	18-4	18-2	15-10	15-10	15-10	14-4	21-9	20-9	18-2	17-9	17-9	15-10	15-4	15-4	14-4
600SR125-43	12	36-2	28-8	25-1	31-7	25-1	21-10	27-4	22-9	19-10	35-9	28-8	25-1	29-3	25-1	21-10	25-3	22-9	19-10
	16	32-10	26-1	22-9	27-4	22-9	19-10	23-8	20-8	18-1	31-0	26-1	22-9	25-3	22-9	19-10	21-10	20-8	18-1
	24	27-4	22-9	19-10	22-4	19-10	17-4	19-4	18-1	15-9	25-3	22-9	19-10	20-8	19-10	17-4	17-10	17-10	15-9

TABLE 3B—LIMITING HEIGHTS OF NONCOMPOSITE STRUCTURAL STUDS (ft-in)

MEMBER	Spacing (in. o.c.)	FULLY BRACED									MEMBER	FULLY BRACED								
		5 psf			7.5 psf			10 psf				5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
362RS162-33	12	24-2	19-2	16-9	21-2	16-9	14-8	19-2	15-3	13-3	400SR162-33	26-2	20-9	18-1	22-10	18-1	15-9	20-9	16-6	14-4
	16	22-0	17-6	15-3	19-2	15-3	13-3	16-9	13-10	12-1		23-9	18-10	16-6	20-9	16-6	14-4	18-0	15-0	13-1
	24	19-2	15-3	13-3	15-10	13-3	11-8	13-8	12-1	10-7		20-9	16-6	14-4	16-10	14-4	12-7	14-8	13-1	11-4
362SR162-43	12	26-4	20-10	18-3	23-0	18-3	16-0	20-10	16-7	14-6	400SR162-43	28-6	22-7	19-8	24-10	19-8	17-2	22-7	17-10	15-8
	16	24-0	19-0	16-7	20-10	16-7	14-6	19-0	15-1	13-2		25-10	20-6	17-10	22-7	17-10	15-8	20-6	16-3	14-2
	24	20-10	16-7	14-6	18-3	14-6	12-8	15-10	13-2	11-6		22-7	17-10	15-8	19-8	15-8	13-8	17-0	14-2	12-4
362SR162-54	12	28-2	22-4	19-7	24-8	19-7	17-1	22-4	17-9	15-6	400SR162-54	30-6	24-2	21-1	26-7	21-1	18-6	24-2	19-2	16-9
	16	25-8	20-4	17-9	22-4	17-9	15-6	20-4	16-2	14-1		27-8	22-0	19-2	24-2	19-2	16-9	22-0	17-6	15-2
	24	22-4	17-9	15-6	19-7	15-6	13-7	17-9	14-1	12-3		24-2	19-2	16-9	21-1	16-9	14-8	19-2	15-2	13-3
362SR162-68	12	30-2	24-0	20-10	26-4	20-10	18-3	24-0	19-0	16-7	400SR162-68	32-7	25-10	22-7	28-6	22-7	19-9	25-10	20-7	18-0
	16	27-4	21-9	19-0	24-0	19-0	16-7	21-9	17-3	15-1		29-8	23-6	20-7	25-10	20-7	18-0	23-6	18-8	16-3
	24	24-0	19-0	16-7	20-10	16-7	14-6	19-0	15-1	13-2		25-10	20-7	18-0	22-7	18-0	15-8	20-7	16-3	14-3
362SR162-97	12	33-3	26-4	23-1	29-1	23-1	20-2	26-4	21-0	18-3	400SR162-97	36-0	28-7	25-0	31-6	25-0	21-9	28-7	22-8	19-9
	16	30-3	24-0	21-0	26-4	21-0	18-3	24-0	19-1	16-7		32-8	26-0	22-8	28-7	22-8	19-9	26-0	20-7	18-0
	24	26-4	21-0	18-3	23-1	18-3	16-0	21-0	16-7	14-6		28-7	22-8	19-9	25-0	19-9	17-3	22-8	18-0	15-8
362RS200-33	12	25-4	20-2	17-7	22-2	17-7	15-4	20-2	16-0	14-0	400SR200-33	27-4	21-9	19-0	24-0	19-0	16-7	21-8	17-3	15-1
	16	23-1	18-4	16-0	20-2	16-0	14-0	17-7	14-7	12-8		24-10	19-9	17-3	21-8	17-3	15-1	18-9	15-8	13-8
	24	20-2	16-0	14-0	16-7	14-0	12-2	14-3	12-8	11-1		21-8	17-3	15-1	17-8	15-1	13-2	15-3	13-8	12-0
362SR200-43	12	27-10	22-1	19-3	24-3	19-3	16-10	22-1	17-7	15-3	400SR200-43	30-1	23-10	20-9	26-3	20-9	18-2	23-10	18-10	16-6
	16	25-3	20-1	17-7	22-1	17-7	15-3	20-1	15-10	13-10		27-3	21-8	18-10	23-10	18-10	16-6	21-8	17-2	15-0
	24	22-1	17-7	15-3	19-3	15-3	13-4	17-0	13-10	12-2		23-10	18-10	16-6	20-9	16-6	14-4	18-2	15-0	13-1
362SR200-54	12	29-10	23-8	20-8	26-1	20-8	18-1	23-8	18-9	16-4	400SR200-54	32-2	25-7	22-3	28-2	22-3	19-6	25-7	20-3	17-8
	16	27-1	21-6	18-9	23-8	18-9	16-4	21-6	17-1	14-10		29-3	23-2	20-3	25-7	20-3	17-8	23-2	18-4	16-1
	24	23-8	18-9	16-4	20-8	16-4	14-4	18-9	14-10	13-0		25-7	20-3	17-8	22-3	17-8	15-6	20-3	16-1	14-1
362SR200-68	12	32-0	25-4	22-2	27-10	22-2	19-4	25-4	20-1	17-7	400SR200-68	34-6	27-4	23-10	30-2	23-10	20-10	27-4	21-8	19-0
	16	29-1	23-1	20-1	25-4	20-1	17-7	23-1	18-3	16-0		31-4	24-10	21-8	27-4	21-8	19-0	24-10	19-9	17-3
	24	25-4	20-1	17-7	22-2	17-7	15-4	20-1	16-0	14-0		27-4	21-8	19-0	23-10	19-0	16-7	21-8	17-3	15-1
362SR200-97	12	35-3	28-1	24-6	30-10	24-6	21-4	28-1	22-3	19-6	400SR200-97	38-2	30-3	26-6	33-4	26-6	23-1	30-3	24-1	21-0
	16	32-1	25-6	22-3	28-1	22-3	19-6	25-6	20-2	17-8		34-8	27-6	24-1	30-3	24-1	21-0	27-6	21-10	19-1
	24	28-1	22-3	19-6	24-6	19-6	17-0	22-3	17-8	15-4		30-3	24-1	21-0	26-6	21-0	18-4	24-1	19-1	16-8
362SR250-33	12	26-6	21-0	18-4	23-1	18-4	16-0	21-0	16-8	14-7	400SR250-33	28-6	22-7	19-9	24-10	19-9	17-3	22-4	18-0	15-8
	16	24-0	19-1	16-8	21-0	16-8	14-7	18-2	15-1	13-2		25-10	20-7	18-0	22-4	18-0	15-8	19-4	16-3	14-3
	24	21-0	16-8	14-7	17-2	14-7	12-8	14-10	13-2	11-7		22-4	18-0	15-8	18-3	15-8	13-8	15-10	14-3	12-6
362SR250-43	12	29-3	23-3	20-3	25-7	20-3	17-9	23-3	18-6	16-1	400SR250-43	31-7	25-1	21-10	27-7	21-10	19-1	25-1	19-10	17-4
	16	26-7	21-2	18-6	23-3	18-6	16-1	21-2	16-9	14-8		28-8	22-9	19-10	25-1	19-10	17-4	22-9	18-1	15-9
	24	23-3	18-6	16-1	20-2	16-1	14-1	17-6	14-8	12-9		25-1	19-10	17-4	21-7	17-4	15-2	18-8	15-9	13-9
362SR250-54	12	31-1	24-8	21-7	27-2	21-7	18-9	24-8	19-7	17-1	400SR250-54	33-6	26-7	23-2	29-3	23-2	20-3	26-7	21-1	18-4
	16	28-3	22-4	19-7	24-8	19-7	17-1	22-4	17-9	15-6		30-4	24-2	21-1	26-7	21-1	18-4	24-2	19-2	16-9
	24	24-8	19-7	17-1	21-7	17-1	15-0	19-7	15-6	13-7		26-7	21-1	18-4	23-2	18-4	16-1	21-1	16-9	14-7
362SR250-68	12	33-8	26-8	23-3	29-4	23-3	20-4	26-8	21-2	18-6	400SR250-68	36-3	28-9	25-2	31-8	25-2	22-0	28-9	22-10	20-0
	16	30-7	24-3	21-2	26-8	21-2	18-6	24-3	19-3	16-9		33-0	26-2	22-10	28-9	22-10	20-0	26-2	20-9	18-1
	24	26-8	21-2	18-6	23-3	18-6	16-2	21-2	16-9	14-8		28-9	22-10	20-0	25-2	20-0	17-4	22-10	18-1	15-10
362SR250-97	12	37-4	29-8	26-0	32-8	26-0	22-8	29-8	23-7	20-7	400SR250-97	40-4	32-0	28-0	35-3	28-0	24-6	32-0	25-4	22-2
	16	34-0	27-0	23-7	29-8	23-7	20-7	27-0	21-4	18-8		36-8	29-1	25-4	32-0	25-4	22-2	29-1	23-1	20-2
	24	29-8	23-7	20-7	26-0	20-7	18-0	23-7	18-8	16-3		32-0	25-4	22-2	28-0	22-2	19-4	25-4	20-2	17-7
362SR300-33	12	27-3	21-7	18-10	23-9	18-10	16-6	21-6	17-2	15-0	400SR300-33	29-4	23-3	20-4	25-7	20-4	17-9	22-10	18-6	16-2
	16	24-9	19-8	17-2	21-6	17-2	15-0	18-7	15-7	13-7		26-8	21-2	18-6	22-10	18-6	16-2	19-9	16-9	14-8
	24	21-6	17-2	15-0	17-6	15-0	13-1	15-2	13-7	11-10		22-10	18-6	16-2	18-8	16-2	14-1	16-2	14-8	12-9
362SR300-43	12	30-2	24-0	20-10	26-4	20-10	18-3	24-0	19-0	16-7	400SR300-43	32-6	25-9	22-6	28-4	22-6	19-8	25-9	20-6	17-10
	16	27-4	21-9	19-0	24-0	19-0	16-7	21-8	17-3	15-1		29-6	23-4	20-6	25-9	20-6	17-10	23-2	18-7	16-2
	24	24-0	19-0	16-7	20-6	16-7	14-6	17-9	15-1	13-2		25-9	20-6	17-10	21-9	17-10	15-7	18-10	16-2	14-2
362SR300-54	12	32-0	25-4	22-2	27-10	22-2	19-4	25-4	20-1	17-7	400SR300-54	34-4	27-3	23-10	30-1	23-10	20-9	27-3	21-8	18-10
	16	29-0	23-1	20-1	25-4	20-1	17-7	23-1	18-3	16-0		31-3	24-9	21-8	27-3	21-8	18-10	24-9	19-8	17-2
	24	25-4	20-1	17-7	22-2	17-7	15-4	20-1	16-0	14-0		27-3	21-8	18-10	23-10	18-10	16-6	21-8	17-2	15-0
362SR300-68	12	34-9	27-7	24-1	30-4	24-1	21-1	27-7	21-10	19-1	400SR300-68	37-4	29-8	26-0	32-8	26-0	22-8	29-8	23-7	20-7
	16	31-7	25-1	21-10	27-7	21-10	19-1	25-1	19-10	17-4		34-0	27-0	23-7	29-8	23-7	20-7	27-0	21-4	18-8
	24	27-7	21-10	19-1	24-1	19-1	16-8	21-10	17-4	15-2		29-8	23-7	20-7	26-0	20-7	18-0	23-7	18-8	16-4
362SR300-97	12	39-1	31-0	27-1	34-2	27-1	23-8	31-0	24-7	21-6	400SR300-97	42-1	33-4	29-2	36-9	29-2	25-6	33-4	26-6	23-2
	16	35-6	28-2	24-7	31-0	24-7	21-6	28-2	22-4	19-7		38-3	30-4	26-6	33-4	26-6	23-2	30-4	24-1	21-1
	24	31-0	24-7	21-6	27-1	21-6	18-9	24-7	19-7	17-1		33-4	26-6	23-2	29-2	23-2	20-3	26-6	21-1	18-4

Table 3B continued on next page.

TABLE 3B—LIMITING HEIGHTS OF NONCOMPOSITE STRUCTURAL STUDS (ft-in) (continued)

MEMBER	Spacing (in. o.c.)	FULLY BRACED								
		5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
600SR162-33	12	35-8	28-3	24-9	31-2	24-9	21-7	27-1	22-6	19-7
	16	32-4	25-8	22-6	27-1	22-6	19-7	23-4	20-4	17-10
	24	27-1	22-6	19-7	22-1	19-7	17-2	19-1	17-10	15-7
600SR162-43	12	38-10	30-10	27-0	34-0	27-0	23-6	30-10	24-6	21-4
	16	35-3	28-0	24-6	30-10	24-6	21-4	27-2	22-3	19-4
	24	30-10	24-6	21-4	25-7	21-4	18-8	22-2	19-4	17-0
600SR162-54	12	41-8	33-1	28-10	36-4	28-10	25-3	33-1	26-3	22-10
	16	37-10	30-1	26-3	33-1	26-3	22-10	30-1	23-10	20-9
	24	33-1	26-3	22-10	28-10	22-10	20-0	26-3	20-9	18-2
600SR162-68	12	44-8	35-6	31-0	39-0	31-0	27-1	35-6	28-2	24-7
	16	40-7	32-2	28-2	35-6	28-2	24-7	32-2	25-7	22-3
	24	35-6	28-2	24-7	31-0	24-7	21-6	28-2	22-3	19-6
600SR162-97	12	49-6	39-3	34-3	43-2	34-3	30-0	39-3	31-2	27-2
	16	45-0	35-8	31-2	39-3	31-2	27-2	35-8	28-3	24-8
	24	39-3	31-2	27-2	34-3	27-2	23-9	31-2	24-8	21-7
600SR200-33	12	37-3	29-7	25-10	32-6	25-10	22-7	28-2	23-6	20-7
	16	33-10	26-10	23-6	28-2	23-6	20-7	24-4	21-4	18-8
	24	28-2	23-6	20-7	23-0	20-7	18-0	19-10	18-8	16-3
600SR200-43	12	40-10	32-6	28-4	35-8	28-4	24-9	32-6	25-9	22-6
	16	37-2	29-6	25-9	32-6	25-9	22-6	28-10	23-4	20-4
	24	32-6	25-9	22-6	27-2	22-6	19-8	23-7	20-4	17-10
600SR200-54	12	43-10	34-9	30-4	38-3	30-4	26-7	34-9	27-7	24-2
	16	39-10	31-7	27-7	34-9	27-7	24-2	31-7	25-1	21-10
	24	34-9	27-7	24-2	30-4	24-2	21-1	27-7	21-10	19-2
600SR200-68	12	47-1	37-4	32-7	41-1	32-7	28-6	37-4	29-8	25-10
	16	42-9	34-0	29-8	37-4	29-8	25-10	34-0	26-10	23-6
	24	37-4	29-8	25-10	32-7	25-10	22-7	29-8	23-6	20-7
600SR200-97	12	52-2	41-6	36-2	45-7	36-2	31-7	41-6	32-10	28-8
	16	47-6	37-8	32-10	41-6	32-10	28-8	37-8	29-10	26-1
	24	41-6	32-10	28-8	36-2	28-8	25-1	32-10	26-1	22-9
600SR250-33	12	38-8	30-8	26-9	33-6	26-9	23-4	29-0	24-4	21-3
	16	35-1	27-10	24-4	29-0	24-4	21-3	25-2	22-1	19-3
	24	29-0	24-4	21-3	23-8	21-3	18-7	20-6	19-3	16-10
600SR250-43	12	42-9	34-0	29-8	37-4	29-8	25-10	34-0	27-0	23-6
	16	38-10	30-10	27-0	34-0	27-0	23-6	29-6	24-6	21-4
	24	34-0	27-0	23-6	27-9	23-6	20-7	24-1	21-4	18-8
600SR250-54	12	45-4	36-0	31-6	39-8	31-6	27-6	36-0	28-7	25-0
	16	41-2	32-8	28-7	36-0	28-7	25-0	32-8	26-0	22-8
	24	36-0	28-7	25-0	31-6	25-0	21-9	28-7	22-8	19-9
600SR250-68	12	49-2	39-1	34-1	43-0	34-1	29-9	39-1	31-0	27-1
	16	44-8	35-6	31-0	39-1	31-0	27-1	35-6	28-2	24-7
	24	39-1	31-0	27-1	34-1	27-1	23-8	31-0	24-7	21-6
600SR250-97	12	54-10	43-7	38-1	48-0	38-1	33-3	43-7	34-7	30-2
	16	49-10	39-7	34-7	43-7	34-7	30-2	39-7	31-4	27-6
	24	43-7	34-7	30-2	38-1	30-2	26-4	34-7	27-6	24-0
600SR300-33	12	39-8	31-6	27-6	34-2	27-6	24-0	29-7	25-0	21-9
	16	36-1	28-7	25-0	29-7	25-0	21-9	25-7	22-8	19-9
	24	29-7	25-0	21-9	24-2	21-9	19-1	20-10	19-9	17-3
600SR300-43	12	43-10	34-9	30-4	38-3	30-4	26-7	34-6	27-7	24-1
	16	39-10	31-7	27-7	34-6	27-7	24-1	29-9	25-1	21-10
	24	34-6	27-7	24-1	28-1	24-1	21-1	24-4	21-10	19-2
600SR300-54	12	46-6	36-10	32-3	40-7	32-3	28-2	36-10	29-3	25-7
	16	42-3	33-6	29-3	36-10	29-3	25-7	33-6	26-7	23-3
	24	36-10	29-3	25-7	32-3	25-7	22-4	29-3	23-3	20-3
600SR300-68	12	50-7	40-2	35-1	44-2	35-1	30-7	40-2	31-10	27-9
	16	46-0	36-6	31-10	40-2	31-10	27-9	36-6	29-0	25-3
	24	40-2	31-10	27-9	35-1	27-9	24-3	31-10	25-3	22-1
600SR300-97	12	57-0	45-3	39-6	49-9	39-6	34-6	45-3	35-10	31-4
	16	51-9	41-1	35-10	45-3	35-10	31-4	41-1	32-7	28-6
	24	45-3	35-10	31-4	39-6	31-4	27-4	35-10	28-6	24-10

MEMBER	FULLY BRACED								
	5 psf			7.5 psf			10 psf		
	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
800SR162-43	48-6	38-6	33-7	42-3	33-7	29-4	37-9	30-6	26-8
	44-0	35-0	30-6	37-9	30-6	26-8	32-9	27-8	24-2
	37-9	30-6	26-8	30-10	26-8	23-3	26-8	24-2	21-2
800SR162-54	52-0	41-3	36-1	45-4	36-1	31-6	41-3	32-9	28-7
	47-2	37-6	32-9	41-3	32-9	28-7	37-6	29-9	26-0
	41-3	32-9	28-7	36-1	28-7	25-0	32-9	26-0	22-8
800SR162-68	55-9	44-2	38-8	48-8	38-8	33-9	44-2	35-1	30-8
	50-8	40-2	35-1	44-2	35-1	30-8	40-2	31-10	27-10
	44-2	35-1	30-8	38-8	30-8	26-9	35-1	27-10	24-4
800SR162-97	61-9	49-0	42-9	54-0	42-9	37-4	49-0	38-10	34-0
	56-1	44-6	38-10	49-0	38-10	34-0	44-6	35-4	30-10
	49-0	38-10	34-0	42-9	34-0	29-8	38-10	30-10	27-0
800SR200-43	50-9	40-4	35-3	44-4	35-3	30-9	40-1	32-0	28-0
	46-2	36-8	32-0	40-1	32-0	28-0	34-8	29-1	25-4
	40-1	32-0	28-0	32-8	28-0	24-4	28-3	25-4	22-2
800SR200-54	54-7	43-3	37-9	47-8	37-9	33-1	43-3	34-4	30-0
	49-7	39-4	34-4	43-3	34-4	30-0	39-4	31-2	27-3
	43-3	34-4	30-0	37-9	30-0	26-2	34-4	27-3	23-9
800SR200-68	58-7	46-6	40-7	51-2	40-7	35-6	46-6	36-10	32-2
	53-2	42-2	36-10	46-6	36-10	32-2	42-2	33-6	29-3
	46-6	36-10	32-2	40-7	32-2	28-2	36-10	29-3	25-7
800SR200-97	65-0	51-7	45-1	56-9	45-1	39-4	51-7	41-0	35-9
	59-1	46-10	41-0	51-7	41-0	35-9	46-10	37-2	32-6
	51-7	41-0	35-9	45-1	35-9	31-3	41-0	32-6	28-4
800SR250-43	53-0	42-1	36-9	46-3	36-9	32-1	40-9	33-4	29-2
	48-2	38-2	33-4	40-9	33-4	29-2	35-3	30-4	26-6
	40-9	33-4	29-2	33-3	29-2	25-6	28-10	26-6	23-2
800SR250-54	56-3	44-8	39-0	49-2	39-0	34-1	44-8	35-4	31-0
	51-1	40-7	35-4	44-8	35-4	31-0	40-7	32-2	28-1
	44-8	35-4	31-0	39-0	31-0	27-1	35-4	28-1	24-7
800SR250-68	61-0	48-4	42-3	53-3	42-3	37-0	48-4	38-4	33-7
	55-4	44-0	38-4	48-4	38-4	33-7	44-0	34-10	30-6
	48-4	38-4	33-7	42-3	33-7	29-3	38-4	30-6	26-7
800SR250-97	68-1	54-1	47-2	59-6	47-2	41-3	54-1	42-10	37-6
	61-10	49-1	42-10	54-1	42-10	37-6	49-1	39-0	34-1
	54-1	42-10	37-6	47-2	37-6	32-9	42-10	34-1	29-9
800SR300-43	54-3	43-1	37-7	47-4	37-7	32-10	41-1	34-2	29-10
	49-3	39-1	34-2	41-1	34-2	29-10	35-7	31-1	27-1
	41-1	34-2	29-10	33-7	29-10	26-1	29-1	27-1	23-8
800SR300-54	57-7	45-8	39-10	50-3	39-10	34-10	45-8	36-3	31-8
	52-3	41-6	36-3	45-8	36-3	31-8	41-6	33-0	28-9
	45-8	36-3	31-8	39-10	31-8	27-8	36-3	28-9	25-1
800SR300-68	62-7	49-8	43-4	54-8	43-4	37-10	49-8	39-4	34-4
	56-10	45-1	39-4	49-8	39-4	34-4	45-1	35-9	31-3
	49-8	39-4	34-4	43-4	34-4	30-1	39-4	31-3	27-3
800SR300-97	70-7	56-0	48-10	61-7	48-10	42-8	56-0	44-4	38-9
	64-1	50-10	44-4	56-0	44-4	38-9	50-10	40-4	35-3
	56-0	44-4	38-9	48-10	38-9	33-10	44-4	35-3	30-9

TABLE 4—CURTAIN WALLS[1,2,3] (ft-in)

Section Identification	Spacing (in.) o.c.	15 psf			20 psf			25 psf			30 psf			35 psf			40 psf			50 psf		
		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
362SR162-33	12	15-0	13-1	11-1	13-7	11-10	10-1	12-3	11-1	9-3	11-2	10-4	8-9	10-4	9-10	8-3	9-8	9-6	8-0	8-8	8-8	7-4
	16	13-7	11-10	10-1	11-10	10-9	9-1	10-7	10-1	8-6	9-8	9-6	8-0	9-0	9-0	7-7	8-1	8-1	7-3	6-6	6-6	6-6
	24	11-2	10-4	8-9	9-8	9-6	8-0	8-8	8-8	7-4	7-2	7-2	7-0	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
362SR162-43	12	16-3	14-3	12-0	14-9	13-0	10-10	13-9	12-0	10-2	13-0	11-3	9-7	12-0	10-9	9-1	11-3	10-3	8-8	10-1	9-7	8-1
	16	14-9	13-0	10-10	13-6	11-9	9-10	12-3	10-10	9-2	11-3	10-3	8-8	10-4	9-9	8-2	9-9	9-4	7-10	8-8	8-8	7-3
	24	13-0	11-3	9-7	11-3	10-3	8-8	10-1	9-7	8-1	9-2	9-0	7-7	8-6	8-6	7-2	8-0	8-0	6-10	6-10	6-10	6-4
362SR162-54	12	17-6	15-3	12-10	15-10	13-10	11-8	14-9	12-10	10-10	13-10	12-1	10-2	13-2	11-6	9-8	12-7	11-0	9-3	11-8	10-2	8-7
	16	15-10	13-10	11-8	14-4	12-7	10-7	13-4	11-8	9-10	12-7	11-0	9-3	12-0	10-6	8-9	11-6	10-0	8-4	10-7	9-3	7-9
	24	13-10	12-1	10-2	12-7	11-0	9-3	11-8	10-2	8-7	11-0	9-7	8-1	10-6	9-1	7-8	10-0	8-9	7-4	9-3	8-1	6-10
362SR162-68	12	18-8	16-4	13-9	17-0	14-10	12-6	15-9	13-9	11-7	14-10	13-0	10-10	14-1	12-3	10-4	13-6	11-9	9-10	12-6	10-10	9-2
	16	17-0	14-10	12-6	15-6	13-6	11-4	14-3	12-6	10-7	13-6	11-9	9-10	12-9	11-2	9-4	12-3	10-8	9-0	11-4	9-10	8-4
	24	14-10	13-0	10-10	13-6	11-9	9-10	12-6	10-10	9-2	11-9	10-3	8-8	11-2	9-9	8-3	10-8	9-4	7-10	9-10	8-8	7-3
362SR162-97	12	20-7	18-0	15-2	18-8	16-4	13-9	17-4	15-2	12-9	16-4	14-3	12-1	15-7	13-7	11-6	14-10	13-0	11-0	13-9	12-1	10-2
	16	18-8	16-4	13-9	17-0	14-10	12-7	15-9	13-9	11-8	14-10	13-0	11-0	14-1	12-3	10-4	13-6	11-9	10-0	12-7	11-0	9-2
	24	16-4	14-3	12-1	14-10	13-0	11-0	13-9	12-1	10-2	13-0	11-4	9-7	12-3	10-9	9-1	11-9	10-3	8-8	11-0	9-7	8-1
362SR200-33	12	15-9	13-9	11-7	14-3	12-6	10-7	12-9	11-7	9-9	11-8	10-10	9-2	10-9	10-4	8-9	10-1	9-10	8-4	8-8	8-8	7-9
	16	14-3	12-6	10-7	12-4	11-4	9-7	11-1	10-7	8-10	10-1	9-10	8-4	9-3	9-3	8-0	8-1	8-1	7-7	6-6	6-6	6-6
	24	11-8	10-10	9-2	10-1	9-10	8-4	8-8	8-8	7-9	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
362SR200-43	12	17-3	15-1	12-8	15-8	13-8	11-7	14-7	12-8	10-8	13-8	12-0	10-1	12-10	11-4	9-7	12-1	10-10	9-2	10-9	10-1	8-6
	16	15-8	13-8	11-7	14-3	12-6	10-6	13-2	11-7	9-9	12-1	10-10	9-2	11-2	10-3	8-8	10-4	9-10	8-3	9-3	9-2	7-8
	24	13-8	12-0	10-1	12-1	10-10	9-2	10-9	10-1	8-6	9-9	9-6	8-0	9-1	9-0	7-7	8-6	8-6	7-3	6-10	6-10	6-9
362SR200-54	12	18-6	16-2	13-7	16-9	14-8	12-4	15-7	13-7	11-6	14-8	12-9	10-9	14-0	12-2	10-3	13-3	11-8	9-9	12-4	10-9	9-1
	16	16-9	14-8	12-4	15-3	13-3	11-3	14-2	12-4	10-6	13-3	11-8	9-9	12-8	11-1	9-3	12-1	10-7	8-10	11-3	9-9	8-3
	24	14-8	12-9	10-9	13-3	11-8	9-9	12-4	10-9	9-1	11-8	10-2	8-7	11-1	9-8	8-2	10-7	9-3	7-9	9-9	8-7	7-2
362SR200-68	12	19-9	17-3	14-7	18-0	15-8	13-3	16-8	14-7	12-3	15-8	13-8	11-7	14-10	13-1	11-0	14-3	12-6	10-6	13-3	11-7	9-9
	16	18-0	15-8	13-3	16-4	14-3	12-1	15-2	13-3	11-2	14-3	12-6	10-6	13-7	11-10	10-0	13-0	11-3	9-7	12-1	10-6	8-10
	24	15-8	13-8	11-7	14-3	12-6	10-6	13-3	11-7	9-9	12-6	10-10	9-2	11-10	10-4	8-8	11-3	9-10	8-4	10-6	9-2	7-9
362SR200-97	12	21-10	19-1	16-1	19-10	17-4	14-8	18-6	16-1	13-7	17-4	15-2	12-9	16-6	14-4	12-2	15-9	13-9	11-7	14-8	12-9	10-9
	16	19-10	17-4	14-8	18-1	15-9	13-3	16-9	14-8	12-4	15-9	13-9	11-7	15-0	13-1	11-1	14-4	12-6	10-7	13-3	11-7	9-9
	24	17-4	15-2	12-9	15-9	13-9	11-7	14-8	12-9	10-9	13-9	12-1	10-2	13-1	11-6	9-8	12-6	11-0	9-2	11-7	10-2	8-7
362SR250-33	12	16-4	14-3	12-1	14-10	13-0	11-0	13-3	12-1	10-2	12-1	11-4	9-7	11-2	10-9	9-1	10-6	10-3	8-8	8-8	8-8	8-1
	16	14-10	13-0	11-0	12-10	11-9	10-0	11-6	11-0	9-3	10-6	10-3	8-8	9-3	9-3	8-3	8-1	8-1	7-10	6-6	6-6	6-6
	24	12-1	11-4	9-7	10-6	10-3	8-8	8-8	8-8	8-1	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
362SR250-43	12	18-2	15-10	13-4	16-6	14-4	12-2	15-3	13-4	11-3	14-3	12-7	10-7	13-2	12-0	10-1	12-4	11-6	9-8	11-1	10-7	9-0
	16	16-6	14-4	12-2	15-0	13-1	11-1	13-7	12-2	10-3	12-4	11-6	9-8	11-6	10-10	9-2	10-8	10-4	8-9	9-7	9-7	8-1
	24	14-3	12-7	10-7	12-4	11-6	9-8	11-1	10-7	9-0	10-1	10-0	8-4	9-4	9-4	8-0	8-8	8-8	7-8	6-10	6-10	6-10
362SR250-54	12	19-3	16-9	14-2	17-6	15-3	12-10	16-3	14-2	12-0	15-3	13-4	11-3	14-6	12-8	10-8	13-10	12-1	10-2	12-10	11-3	9-6
	16	17-6	15-3	12-10	15-10	13-10	11-8	14-9	12-10	10-10	13-10	12-1	10-2	13-2	11-6	9-8	12-7	11-0	9-3	11-8	10-2	8-7
	24	15-3	13-4	11-3	13-10	12-1	10-2	12-10	11-3	9-6	12-1	10-7	8-10	11-6	10-1	8-6	11-0	9-7	8-1	10-2	8-10	7-6
362SR250-68	12	20-10	18-2	15-4	19-0	16-7	14-0	17-7	15-4	13-0	16-7	14-6	12-2	15-8	13-8	11-7	15-1	13-1	11-1	14-0	12-2	10-3
	16	19-0	16-7	14-0	17-2	15-1	12-8	16-0	14-0	11-9	15-1	13-1	11-1	14-3	12-6	10-6	13-8	11-10	10-1	12-8	11-1	9-4
	24	16-7	14-6	12-2	15-1	13-1	11-1	14-0	12-2	10-3	13-1	11-6	9-8	12-6	10-10	9-2	11-10	10-4	8-9	11-1	9-8	8-2
362SR250-97	12	23-2	20-3	17-1	21-1	18-4	15-6	19-7	17-1	14-4	18-4	16-1	13-7	17-6	15-3	12-10	16-8	14-7	12-3	15-6	13-7	11-4
	16	21-1	18-4	15-6	19-1	16-8	14-1	17-9	15-6	13-1	16-8	14-7	12-3	15-10	13-10	11-8	15-2	13-3	11-2	14-1	12-3	10-4
	24	18-4	16-1	13-7	16-8	14-7	12-3	15-6	13-7	11-4	14-7	12-9	10-9	13-10	12-1	10-2	13-3	11-7	9-9	12-3	10-9	9-1
362SR300-33	12	16-10	14-9	12-4	15-2	13-4	11-3	13-7	12-4	10-6	12-4	11-8	9-10	11-6	11-1	9-4	10-8	10-7	9-0	8-8	8-8	8-3
	16	15-2	13-4	11-3	13-1	12-2	10-3	11-9	11-3	9-6	10-8	10-7	9-0	9-3	9-3	8-6	8-1	8-1	8-1	6-6	6-6	6-6
	24	12-4	11-8	9-10	10-8	10-7	9-0	8-8	8-8	8-3	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
362SR300-43	12	18-8	16-3	13-9	17-0	14-10	12-6	15-9	13-9	11-7	14-6	13-0	10-10	13-4	12-3	10-4	12-7	11-9	9-10	11-2	10-10	9-2
	16	17-0	14-10	12-6	15-4	13-6	11-4	13-8	12-6	10-7	12-7	11-9	9-10	11-7	11-2	9-4	10-10	10-8	9-0	9-8	9-8	8-4
	24	14-6	13-0	10-10	12-7	11-9	9-10	11-2	10-10	9-2	10-2	10-2	8-8	9-6	9-6	8-3	8-8	8-8	7-10	6-10	6-10	6-10
362SR300-54	12	19-9	17-3	14-7	18-0	15-8	13-3	16-8	14-7	12-3	15-8	13-8	11-7	14-10	13-0	11-0	14-3	12-6	10-6	13-3	11-7	9-9
	16	18-0	15-8	13-3	16-4	14-3	12-0	15-2	13-3	11-2	14-3	12-6	10-6	13-7	11-10	10-0	13-0	11-3	9-7	12-0	10-6	8-10
	24	15-8	13-8	11-7	14-3	12-6	10-6	13-3	11-7	9-9	12-6	10-10	9-2	11-10	10-4	8-8	11-3	9-10	8-4	10-6	9-2	7-9
362SR300-68	12	21-7	18-9	15-10	19-7	17-1	14-4	18-2	15-10	13-4	17-1	14-10	12-7	16-3	14-2	12-0	15-6	13-7	11-6	14-4	12-7	10-7
	16	19-7	17-1	14-4	17-9	15-6	13-1	16-6	14-4	12-2	15-6	13-7	11-6	14-9	12-10	10-10	14-1	12-3	10-4	13-1	11-6	9-8
	24	17-1	14-10	12-7	15-6	13-7	11-6	14-4	12-7	10-7	13-7	11-10	10-0	12-10	11-3	9-6	12-3	10-9	9-1	11-6	10-0	8-4
362SR300-97	12	24-2	21-2	17-10	22-0	19-2	16-2	20-4	17-10	15-1	19-2	16-9	14-2	18-3	16-0	13-6	17-6	15-3	12-10	16-2	14-2	12-0
	16	22-0	19-2	16-2	20-0	17-6	14-8	18-7	16-2	13-8	17-6	15-3	12-10	16-7	14-6	12-2	15-10	13-10	11-8	14-8	12-10	10-10
	24	19-2	16-9	14-2	17-6	15-3	12-10	16-2	14-2	12-0	15-3	13-3	11-2	14-6	12-8	10-8	13-10	12-1	10-2	12-10	11-2	9-6

[1] For deflection calculations, listed nominal wind pressures have been adjusted in accordance with footnote (f) to IBC Table 1604.3. No further reductions are allowed.
[2] Studs shall be braced against rotation and lateral movement over their full height.
[3] Listed wind pressures represent the calculated nominal design wind pressure (0.6W based on 2021 and 2018 IBC).

Table 4 continued on the next page.

TABLE 4—CURTAIN WALLS[1,2,3] (ft-in) (continued)

Section Identification	Spacing (in.) o.c.	15 psf			20 psf			25 psf			30 psf			35 psf			40 psf			50 psf		
		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
400SR162-33	12	16-2	14-2	11-10	14-8	12-10	10-10	13-1	11-10	10-1	12-0	11-2	9-6	11-1	10-8	9-0	10-4	10-2	8-7	8-8	8-8	8-0
	16	14-8	12-10	10-10	12-8	11-8	9-10	11-4	10-10	9-2	10-4	10-2	8-7	9-3	9-3	8-2	8-1	8-1	7-9	6-6	6-6	6-6
	24	12-0	11-2	9-6	10-4	10-2	8-7	8-8	8-8	8-0	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
400SR162-43	12	17-7	15-4	13-0	16-0	14-0	11-9	14-10	13-0	11-0	13-10	12-2	10-3	12-10	11-7	9-9	12-0	11-1	9-4	10-9	10-3	8-8
	16	16-0	14-0	11-9	14-7	12-8	10-8	13-2	11-9	10-0	12-0	11-1	9-4	11-1	10-7	8-10	10-4	10-1	8-6	9-3	9-3	7-10
	24	13-10	12-2	10-3	12-0	11-1	9-4	10-9	10-3	8-8	9-9	9-8	8-2	9-1	9-1	7-9	8-6	8-6	7-4	6-10	6-10	6-10
400SR162-54	12	18-10	16-6	13-10	17-2	15-0	12-8	15-10	13-10	11-8	15-0	13-1	11-1	14-3	12-6	10-6	13-7	11-10	10-0	12-8	11-1	9-3
	16	17-2	15-0	12-8	15-7	13-7	11-6	14-6	12-8	10-8	13-7	11-10	10-0	12-10	11-3	9-6	12-4	10-9	9-1	11-6	10-0	8-6
	24	15-0	13-1	11-1	13-7	11-10	10-0	12-8	11-1	9-3	11-10	10-4	8-9	11-3	9-10	8-3	10-9	9-6	8-0	10-0	8-9	7-4
400SR162-68	12	20-2	17-8	14-10	18-4	16-1	13-6	17-1	14-10	12-7	16-1	14-0	11-9	15-3	13-3	11-2	14-7	12-8	10-8	13-6	11-9	10-0
	16	18-4	16-1	13-6	16-8	14-7	12-3	15-6	13-6	11-4	14-7	12-8	10-8	13-10	12-1	10-2	13-3	11-7	9-9	12-3	10-8	9-1
	24	16-1	14-0	11-9	14-7	12-8	10-8	13-6	11-9	10-0	12-8	11-1	9-4	12-1	10-7	8-10	11-7	10-1	8-6	10-8	9-4	7-10
400SR162-97	12	22-3	19-6	16-4	20-3	17-8	14-10	18-9	16-4	13-10	17-8	15-6	13-1	16-9	14-8	12-4	16-1	14-1	11-10	14-10	13-1	11-0
	16	20-3	17-8	14-10	18-4	16-1	13-7	17-1	14-10	12-7	16-1	14-1	11-10	15-3	13-4	11-3	14-7	12-9	10-9	13-7	11-10	10-0
	24	17-8	15-6	13-1	16-1	14-1	11-10	14-10	13-1	11-0	14-1	12-3	10-4	13-4	11-8	9-9	12-9	11-2	9-4	11-10	10-4	8-8
400SR200-33	12	17-0	14-10	12-6	15-3	13-6	11-4	13-8	12-6	10-7	12-6	11-9	9-10	11-7	11-2	9-6	10-9	10-8	9-0	8-8	8-8	8-4
	16	15-3	13-6	11-4	13-3	12-3	10-3	11-10	11-4	9-7	10-9	10-8	9-0	9-3	9-3	8-7	8-1	8-1	8-1	6-6	6-6	6-6
	24	12-6	11-9	9-10	10-9	10-8	9-0	8-8	8-8	8-4	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
400SR200-43	12	18-7	16-3	13-8	16-10	14-9	12-6	15-8	13-8	11-7	14-9	12-10	10-10	13-9	12-3	10-3	12-10	11-8	9-10	11-6	10-10	9-2
	16	16-10	14-9	12-6	15-4	13-4	11-3	14-1	12-6	10-6	12-10	11-8	9-10	11-10	11-1	9-4	11-1	10-8	9-0	10-0	9-10	8-3
	24	14-9	12-10	10-10	12-10	11-8	9-10	11-6	10-10	9-2	10-6	10-3	8-7	9-8	9-8	8-2	8-8	8-8	7-10	6-10	6-10	6-10
400SR200-54	12	20-0	17-4	14-8	18-1	15-10	13-4	16-9	14-8	12-4	15-10	13-9	11-8	15-1	13-2	11-1	14-4	12-7	10-7	13-4	11-8	9-10
	16	18-1	15-10	13-4	16-6	14-4	12-1	15-3	13-4	11-3	14-4	12-7	10-7	13-8	12-0	10-1	13-1	11-4	9-7	12-1	10-7	9-0
	24	15-10	13-9	11-8	14-4	12-7	10-7	13-4	11-8	9-10	12-7	11-0	9-3	12-0	10-4	8-9	11-4	10-0	8-4	10-7	9-3	7-9
400SR200-68	12	21-4	18-8	15-9	19-4	17-0	14-3	18-0	15-9	13-3	17-0	14-9	12-6	16-1	14-1	11-10	15-4	13-6	11-4	14-3	12-6	10-7
	16	19-4	17-0	14-3	17-8	15-4	13-0	16-4	14-3	12-1	15-4	13-6	11-4	14-8	12-9	10-9	14-0	12-2	10-3	13-0	11-4	9-7
	24	17-0	14-9	12-6	15-4	13-6	11-4	14-3	12-6	10-7	13-6	11-9	9-10	12-9	11-2	9-4	12-2	10-8	9-0	11-4	9-10	8-4
400SR200-97	12	23-8	20-8	17-4	21-6	18-9	15-9	20-0	17-4	14-8	18-9	16-4	13-9	17-9	15-7	13-1	17-1	14-10	12-7	15-9	13-9	11-8
	16	21-6	18-9	15-9	19-6	17-1	14-4	18-1	15-9	13-4	17-1	14-10	12-7	16-2	14-2	11-10	15-6	13-6	11-4	14-4	12-7	10-7
	24	18-9	16-4	13-9	17-1	14-10	12-7	15-9	13-9	11-8	14-10	13-0	11-0	14-2	12-4	10-4	13-6	11-9	10-0	12-7	11-0	9-3
400SR250-33	12	17-8	15-4	13-0	15-10	14-0	11-9	14-2	13-0	11-0	12-10	12-3	10-3	12-0	11-7	9-9	10-9	10-9	9-4	8-8	8-8	8-8
	16	15-10	14-0	11-9	13-8	12-8	10-9	12-3	11-9	10-0	10-9	10-9	9-4	9-3	9-3	8-10	8-1	8-1	8-1	6-6	6-6	6-6
	24	12-10	12-3	10-3	10-9	10-9	9-4	8-8	8-8	8-8	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
400SR250-43	12	19-7	17-1	14-4	17-9	15-6	13-1	16-6	14-4	12-2	15-2	13-7	11-6	14-1	12-10	10-10	13-2	12-3	10-4	11-9	11-6	9-8
	16	17-9	15-6	13-1	16-2	14-1	11-10	14-6	13-1	11-1	13-2	12-3	10-4	12-2	11-8	9-10	11-4	11-2	9-6	10-2	10-2	8-9
	24	15-2	13-7	11-6	13-2	12-3	10-4	11-9	11-6	9-8	10-9	10-9	9-1	9-10	9-10	8-7	8-8	8-8	8-3	6-10	6-10	6-10
400SR250-54	12	20-9	18-1	15-3	18-10	16-6	13-10	17-6	15-3	12-10	16-6	14-4	12-1	15-8	13-8	11-6	15-0	13-1	11-0	13-10	12-1	10-2
	16	18-10	16-6	13-10	17-1	15-0	12-7	15-10	13-10	11-8	15-0	13-1	11-0	14-2	12-4	10-6	13-7	11-10	10-0	12-7	11-0	9-3
	24	16-6	14-4	12-1	15-0	13-1	11-0	13-10	12-1	10-2	13-1	11-4	9-7	12-4	10-10	9-2	11-10	10-4	8-9	11-0	9-7	8-1
400SR250-68	12	22-6	19-7	16-7	20-4	17-10	15-1	19-0	16-7	14-0	17-10	15-7	13-2	17-0	14-9	12-6	16-2	14-2	12-0	15-1	13-2	11-1
	16	20-4	17-10	15-1	18-7	16-2	13-8	17-2	15-1	12-8	16-2	14-2	12-0	15-4	13-6	11-4	14-8	12-10	10-10	13-8	12-0	10-1
	24	17-10	15-7	13-2	16-2	14-2	12-0	15-1	13-2	11-1	14-2	12-4	10-4	13-6	11-9	9-10	12-10	11-2	9-6	12-0	10-4	8-9
400SR250-97	12	25-0	21-10	18-4	22-8	19-10	16-9	21-1	18-4	15-7	19-10	17-4	14-7	18-10	16-6	13-10	18-0	15-9	13-3	16-9	14-7	12-3
	16	22-8	19-10	16-9	20-8	18-0	15-2	19-2	16-9	14-1	18-0	15-9	13-3	17-1	15-0	12-7	16-4	14-3	12-1	15-2	13-3	11-2
	24	19-10	17-4	14-7	18-0	15-9	13-3	16-9	14-7	12-3	15-9	13-9	11-7	15-0	13-1	11-0	14-3	12-6	10-7	13-3	11-7	9-9
400SR300-33	12	18-2	15-10	13-4	16-2	14-4	12-2	14-6	13-4	11-3	13-2	12-7	10-7	12-2	12-0	10-1	10-9	10-9	9-8	8-8	8-8	8-8
	16	16-2	14-4	12-2	14-0	13-1	11-1	12-6	12-2	10-3	10-9	10-9	9-8	9-3	9-3	9-2	8-1	8-1	8-1	6-6	6-6	6-6
	24	13-2	12-7	10-7	10-9	10-9	9-8	8-8	8-8	8-8	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
400SR300-43	12	20-1	17-7	14-9	18-3	16-0	13-6	16-10	14-9	12-6	15-4	14-0	11-9	14-3	13-3	11-2	13-4	12-8	10-8	12-0	11-9	9-10
	16	18-3	16-0	13-6	16-4	14-6	12-2	14-7	13-6	11-4	13-4	12-8	10-8	12-4	12-1	10-2	11-7	11-6	9-8	10-4	10-4	9-0
	24	15-4	14-0	11-9	13-4	12-8	10-8	12-0	11-9	9-10	10-10	10-10	9-3	9-10	9-10	8-10	8-8	8-8	8-6	6-10	6-10	6-10
400SR300-54	12	21-3	18-7	15-8	19-4	16-10	14-3	18-0	15-8	13-3	16-10	14-9	12-6	16-1	14-0	11-9	15-4	13-4	11-3	14-3	12-6	10-6
	16	19-4	16-10	14-3	17-7	15-4	13-0	16-3	14-3	12-0	15-4	13-4	11-3	14-7	12-9	10-9	14-0	12-2	10-3	13-0	11-3	9-7
	24	16-10	14-9	12-6	15-4	13-4	11-3	14-3	12-6	10-6	13-4	11-8	9-10	12-9	11-2	9-4	12-2	10-8	9-0	11-2	9-10	8-4
400SR300-68	12	23-2	20-3	17-1	21-1	18-4	15-6	19-7	17-1	14-4	18-4	16-1	13-7	17-6	15-3	12-10	16-8	14-7	12-3	15-6	13-7	11-4
	16	21-1	18-4	15-6	19-2	16-8	14-1	17-9	15-6	13-1	16-8	14-7	12-3	15-10	13-10	11-8	15-2	13-3	11-2	14-1	12-3	10-4
	24	18-4	16-1	13-7	16-8	14-7	12-3	15-6	13-7	11-4	14-7	12-9	10-9	13-10	12-1	10-2	13-3	11-7	9-9	12-3	10-9	9-1
400SR300-97	12	26-1	22-9	19-2	23-8	20-8	17-6	22-0	19-2	16-2	20-8	18-1	15-3	19-8	17-2	14-6	18-9	16-4	13-10	17-6	15-3	12-10
	16	23-8	20-8	17-6	21-7	18-9	15-10	20-0	17-6	14-8	18-9	16-4	13-10	17-10	15-7	13-2	17-1	14-10	12-7	15-10	13-10	11-8
	24	20-8	18-1	15-3	18-9	16-4	13-10	17-6	15-3	12-10	16-4	14-4	12-1	15-7	13-7	11-6	14-10	13-1	11-0	13-10	12-1	10-2

[1] For deflection calculations, listed nominal wind pressures have adjusted in accordance with footnote (f) to IBC Table 1604.3. No further reductions are allowed.
[2] Studs shall be braced against rotation and lateral movement over their full height.
[3] Listed wind pressures represent the calculated nominal design wind pressure (0.6W based on 2021 and 2018 IBC).

Table 4 continued on next page.

TABLE 4—CURTAIN WALLS[1,2,3] (ft-in) (continued)

Section Identification	Spacing (in.) o.c.	15 psf			20 psf			25 psf			30 psf			35 psf			40 psf			50 psf		
		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
600SR162-33	12	22-1	19-3	16-3	19-1	17-7	14-9	17-1	16-3	13-9	14-4	14-4	12-10	12-4	12-4	12-3	10-9	10-9	10-9	8-8	8-8	8-8
	16	19-1	17-7	14-9	16-2	16-0	13-6	13-0	13-0	12-6	10-9	10-9	10-9	9-3	9-3	9-3	8-1	8-1	8-1	6-6	6-6	6-6
	24	14-4	14-4	12-10	10-9	10-9	10-9	8-8	8-8	8-8	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
600SR162-43	12	24-1	21-0	17-9	21-10	19-1	16-1	19-9	17-9	15-0	18-1	16-8	14-1	16-9	15-10	13-4	15-8	15-2	12-9	13-9	13-9	11-10
	16	21-10	19-1	16-1	19-2	17-4	14-8	17-2	16-1	13-7	15-8	15-2	12-9	14-6	14-4	12-2	13-0	13-0	11-7	10-4	10-4	10-4
	24	18-1	16-8	14-1	15-8	15-2	12-9	13-9	13-9	11-10	11-6	11-6	11-2	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
600SR162-54	12	25-9	22-7	19-0	23-6	20-6	17-3	21-9	19-0	16-1	20-6	17-10	15-1	19-6	17-0	14-4	18-7	16-3	13-8	17-3	15-1	12-8
	16	23-6	20-6	17-3	21-3	18-7	15-8	19-9	17-3	14-7	18-7	16-3	13-8	17-8	15-6	13-0	16-10	14-9	12-6	15-8	13-8	11-7
	24	20-6	17-10	15-1	18-7	16-3	13-8	17-3	15-1	12-8	16-3	14-2	12-0	15-6	13-6	11-4	14-9	12-10	10-10	13-3	12-0	10-1
600SR162-68	12	27-8	24-2	20-4	25-2	22-0	18-6	23-4	20-4	17-2	22-0	19-2	16-2	20-10	18-2	15-4	20-0	17-4	14-8	18-6	16-2	13-8
	16	25-2	22-0	18-6	22-10	20-0	16-9	21-2	18-6	15-7	20-0	17-4	14-8	19-0	16-7	14-0	18-1	15-10	13-4	16-9	14-8	12-4
	24	22-0	19-2	16-2	20-0	17-4	14-8	18-6	16-2	13-8	17-4	15-2	12-10	16-7	14-6	12-2	15-10	13-9	11-8	14-8	12-10	10-9
600SR162-97	12	30-8	26-9	22-7	27-10	24-3	20-6	25-10	22-7	19-1	24-3	21-3	17-10	23-1	20-2	17-0	22-1	19-3	16-3	20-6	17-10	15-1
	16	27-10	24-3	20-6	25-3	22-1	18-8	23-6	20-6	17-3	22-1	19-3	16-3	21-0	18-4	15-6	20-1	17-7	14-9	18-8	16-3	13-8
	24	24-3	21-3	17-10	22-1	19-3	16-3	20-6	17-10	15-1	19-3	16-10	14-2	18-4	16-0	13-6	17-7	15-3	12-10	16-3	14-2	12-0
600SR200-33	12	23-0	20-2	17-1	19-10	18-4	15-6	17-3	17-1	14-4	14-4	14-4	13-6	12-4	12-4	12-4	10-9	10-9	10-9	8-8	8-8	8-8
	16	19-10	18-4	15-6	16-2	16-2	14-1	13-0	13-0	13-0	10-9	10-9	10-9	9-3	9-3	9-3	8-1	8-1	8-1	6-6	6-6	6-6
	24	14-4	14-4	13-6	10-9	10-9	10-9	8-8	8-8	8-8	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
600SR200-43	12	25-3	22-1	18-8	23-0	20-1	17-0	21-1	18-8	15-8	19-3	17-7	14-9	17-9	16-8	14-1	16-8	16-0	13-6	13-9	13-9	12-6
	16	23-0	20-1	17-0	20-4	18-3	15-4	18-3	17-0	14-3	16-8	16-0	13-6	14-9	14-9	12-9	13-0	13-0	12-2	10-4	10-4	10-4
	24	19-3	17-7	14-9	16-8	16-0	13-6	13-9	13-9	12-6	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
600SR200-54	12	27-2	23-9	20-0	24-8	21-7	18-2	22-10	20-0	16-10	21-7	18-10	15-10	20-6	17-10	15-1	19-7	17-1	14-6	18-2	15-10	13-4
	16	24-8	21-7	18-2	22-6	19-7	16-6	20-9	18-2	15-4	19-7	17-1	14-6	18-7	16-3	13-8	17-9	15-7	13-1	16-6	14-6	12-2
	24	21-7	18-10	15-10	19-7	17-1	14-6	18-2	15-10	13-4	17-1	15-0	12-7	16-3	14-2	12-0	15-7	13-7	11-6	13-10	12-7	10-7
600SR200-68	12	29-2	25-6	21-6	26-6	23-2	19-6	24-7	21-6	18-1	23-2	20-2	17-1	22-0	19-2	16-2	21-0	18-4	15-6	19-6	17-1	14-4
	16	26-6	23-2	19-6	24-1	21-0	17-8	22-4	19-6	16-6	21-0	18-4	15-6	20-0	17-6	14-8	19-1	16-8	14-1	17-8	15-6	13-1
	24	23-2	20-2	17-1	21-0	18-4	15-6	19-6	17-1	14-4	18-4	16-1	13-6	17-6	15-3	12-10	16-8	14-7	12-3	15-6	13-6	11-4
600SR200-97	12	32-4	28-3	23-10	29-4	25-8	21-8	27-3	23-10	20-1	25-8	22-4	18-10	24-4	21-3	18-0	23-3	20-4	17-2	21-8	18-10	16-0
	16	29-4	25-8	21-8	26-8	23-3	19-8	24-9	21-8	18-3	23-3	20-4	17-2	22-2	19-4	16-3	21-2	18-6	15-7	19-8	17-2	14-6
	24	25-8	22-4	18-10	23-3	20-4	17-2	21-8	18-10	16-0	20-4	17-9	15-0	19-4	16-10	14-3	18-6	16-2	13-8	17-2	15-0	12-8
600SR250-33	12	23-8	20-10	17-8	20-6	19-0	16-0	17-3	17-3	14-10	14-4	14-4	14-0	12-4	12-4	12-4	10-9	10-9	10-9	8-8	8-8	8-8
	16	20-6	19-0	16-0	16-2	16-2	14-7	13-0	13-0	13-0	10-9	10-9	10-9	9-3	9-3	9-3	8-1	8-1	8-1	6-6	6-6	6-6
	24	14-4	14-4	14-0	10-9	10-9	10-9	8-8	8-8	8-8	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
600SR250-43	12	26-6	23-2	19-6	24-1	21-0	17-9	21-7	19-6	16-6	19-8	18-4	15-6	18-2	17-6	14-8	17-1	16-8	14-1	13-9	13-9	13-1
	16	24-1	21-0	17-9	20-10	19-1	16-1	18-8	17-9	15-0	17-1	16-8	14-1	14-9	14-9	13-4	13-0	13-0	12-9	10-4	10-4	10-4
	24	19-8	18-4	15-6	17-1	16-8	14-1	13-9	13-9	13-1	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
600SR250-54	12	28-1	24-7	20-8	25-7	22-3	18-9	23-8	20-8	17-6	22-3	19-6	16-6	21-2	18-6	15-7	20-3	17-8	14-10	18-9	16-6	13-10
	16	25-7	22-3	18-9	23-2	20-3	17-1	21-7	18-9	15-10	20-3	17-8	14-10	19-3	16-9	14-2	18-4	16-1	13-7	17-1	14-10	12-7
	24	22-3	19-6	16-6	20-3	17-8	14-10	18-9	16-6	13-10	17-8	15-6	13-1	16-9	14-8	12-4	15-10	14-1	11-10	14-3	13-1	11-0
600SR250-68	12	30-6	26-7	22-6	27-8	24-2	20-4	25-8	22-6	19-0	24-2	21-1	17-9	23-0	20-1	16-10	22-0	19-2	16-2	20-4	17-9	15-0
	16	27-8	24-2	20-4	25-2	22-0	18-7	23-4	20-4	17-2	22-0	19-2	16-2	20-10	18-3	15-4	20-0	17-6	14-8	18-7	16-2	13-8
	24	24-2	21-1	17-9	22-0	19-2	16-2	20-4	17-9	15-0	19-2	16-9	14-2	18-3	15-10	13-4	17-6	15-3	12-10	16-2	14-2	11-10
600SR250-97	12	34-0	29-8	25-1	30-10	27-0	22-9	28-8	25-1	21-2	27-0	23-7	19-10	25-8	22-4	18-10	24-7	21-4	18-1	22-9	19-10	16-9
	16	30-10	27-0	22-9	28-1	24-7	20-8	26-1	22-9	19-2	24-7	21-4	18-1	23-3	20-4	17-2	22-3	19-6	16-4	20-8	18-1	15-3
	24	27-0	23-7	19-10	24-7	21-4	18-1	22-9	19-10	16-9	21-4	18-8	15-9	20-4	17-9	15-0	19-6	17-0	14-4	18-1	15-9	13-3
600SR300-33	12	24-2	21-6	18-1	20-10	19-6	16-6	17-3	17-3	15-3	14-4	14-4	14-4	12-4	12-4	12-4	10-9	10-9	10-9	8-8	8-8	8-8
	16	20-10	19-6	16-6	16-2	16-2	15-0	13-0	13-0	13-0	10-9	10-9	10-9	9-3	9-3	9-3	8-1	8-1	8-1	6-6	6-6	6-6
	24	14-4	14-4	14-4	10-9	10-9	10-9	8-8	8-8	8-8	7-2	7-2	7-2	6-2	6-2	6-2	5-4	5-4	5-4	4-3	4-3	4-3
600SR300-43	12	27-2	23-9	20-0	24-4	21-7	18-2	21-9	20-0	16-10	19-10	18-10	15-10	18-4	17-10	15-1	17-2	17-1	14-6	13-9	13-9	13-4
	16	24-4	21-7	18-2	21-1	19-7	16-6	18-10	18-2	15-4	17-2	17-1	14-6	14-9	14-9	13-8	13-0	13-0	13-0	10-4	10-4	10-4
	24	19-10	18-10	15-10	17-2	17-1	14-6	13-9	13-9	13-4	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
600SR300-54	12	28-9	25-2	21-2	26-2	22-10	19-3	24-3	21-2	17-10	22-10	20-0	16-10	21-8	19-0	16-0	20-9	18-2	15-3	19-3	16-10	14-2
	16	26-2	22-10	19-3	23-9	20-9	17-6	22-1	19-3	16-3	20-9	18-2	15-3	19-8	17-3	14-7	18-10	16-6	13-10	17-6	15-3	12-10
	24	22-10	20-0	16-10	20-9	18-2	15-3	19-3	16-10	14-2	18-2	15-10	13-4	17-3	15-1	12-8	16-2	14-4	12-2	14-6	13-4	11-3
600SR300-68	12	31-4	27-4	23-1	28-6	24-10	21-0	26-6	23-1	19-6	24-10	21-8	18-3	23-7	20-8	17-4	22-7	19-9	16-8	21-0	18-3	15-6
	16	28-6	24-10	21-0	25-10	22-7	19-1	24-0	21-0	17-8	22-7	19-9	16-8	21-6	18-9	15-9	20-6	17-10	15-1	19-1	16-8	14-1
	24	24-10	21-8	18-3	22-7	19-9	16-8	21-0	18-3	15-6	19-9	17-3	14-7	18-9	16-4	13-9	17-10	15-8	13-2	16-7	14-7	12-3
600SR300-97	12	35-4	30-10	26-0	32-1	28-1	23-8	29-9	26-0	22-0	28-1	24-6	20-8	26-8	23-3	19-7	25-6	22-3	18-9	23-8	20-8	17-4
	16	32-1	28-1	23-8	29-2	25-6	21-6	27-1	23-8	20-0	25-6	22-3	18-9	24-2	21-2	17-9	23-2	20-2	17-1	21-6	18-9	15-9
	24	28-1	24-6	20-8	25-6	22-3	18-9	23-8	20-8	17-4	22-3	19-6	16-4	21-2	18-6	15-7	20-2	17-8	14-10	18-9	16-4	13-9

[1] For deflection calculations, listed nominal wind pressures have been adjusted in accordance with footnote (f) to IBC Table 1604.3. No further reductions are allowed.
[2] Studs shall be braced against rotation and lateral movement over their full height.
[3] Listed wind pressures represent the calculated nominal design wind pressure (0.6W based on 2021 and 2018 IBC).

Table 4 continued on the next page.

TABLE 4—CURTAIN WALLS[1,2,3] (ft-in) (continued)

Section Identification	Spacing (in.) o.c.	15 psf			20 psf			25 psf			30 psf			35 psf			40 psf			50 psf		
		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
800SR162-43	12	30-0	26-2	22-1	26-8	23-9	20-1	23-10	22-1	18-8	21-9	20-9	17-7	19-9	19-9	16-8	17-3	17-3	16-0	13-9	13-9	13-9
	16	26-8	23-9	20-1	23-2	21-8	18-3	20-8	20-1	17-0	17-3	17-3	16-0	14-9	14-9	14-9	13-0	13-0	13-0	10-4	10-4	10-4
	24	21-9	20-9	17-7	17-3	17-3	16-0	13-9	13-9	13-9	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
800SR162-54	12	32-2	28-2	23-8	29-3	25-7	21-7	27-2	23-8	20-0	25-7	22-3	18-9	24-3	21-2	17-10	23-2	20-3	17-1	21-7	18-9	15-10
	16	29-3	25-7	21-7	26-7	23-2	19-7	24-8	21-7	18-2	23-2	20-3	17-1	22-1	19-3	16-3	21-1	18-4	15-7	19-7	17-1	14-4
	24	25-7	22-3	18-9	23-2	20-3	17-1	21-7	18-9	15-10	20-3	17-8	15-0	19-2	16-9	14-2	18-0	16-1	13-7	15-9	15-0	12-7
800SR162-68	12	34-7	30-2	25-6	31-4	27-4	23-1	29-1	25-6	21-6	27-4	24-0	20-2	26-1	22-9	19-2	24-10	21-9	18-4	23-1	20-2	17-0
	16	31-4	27-4	23-1	28-6	24-10	21-0	26-6	23-1	19-6	24-10	21-9	18-4	23-8	20-8	17-4	22-7	19-9	16-8	21-0	18-4	15-6
	24	27-4	24-0	20-2	24-10	21-9	18-4	23-1	20-2	17-0	21-9	19-0	16-0	20-8	18-1	15-2	19-9	17-3	14-7	18-2	16-0	13-6
800SR162-97	12	38-3	33-4	28-2	34-9	30-4	25-7	32-3	28-2	23-9	30-4	26-6	22-4	28-10	25-2	21-3	27-7	24-1	20-3	25-7	22-4	18-10
	16	34-9	30-4	25-7	31-7	27-7	23-3	29-3	25-7	21-7	27-7	24-1	20-3	26-2	22-10	19-3	25-1	21-10	18-6	23-3	20-3	17-2
	24	30-4	26-6	22-4	27-7	24-1	20-3	25-7	22-4	18-10	24-1	21-1	17-9	22-10	20-0	16-10	21-10	19-1	16-1	20-3	17-9	15-0
800SR200-43	12	31-6	27-6	23-2	28-3	25-0	21-1	25-4	23-2	19-7	23-1	21-9	18-4	19-9	19-9	17-6	17-3	17-3	16-8	13-9	13-9	13-9
	16	28-3	25-0	21-1	24-6	22-8	19-2	20-9	20-9	17-9	17-3	17-3	16-8	14-9	14-9	14-9	13-0	13-0	13-0	10-4	10-4	10-4
	24	23-1	21-9	18-4	17-3	17-3	16-8	13-9	13-9	13-9	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
800SR200-54	12	33-9	29-7	24-10	30-8	26-9	22-7	28-6	24-10	21-0	26-9	23-6	19-9	25-6	22-3	18-9	24-4	21-3	18-0	22-7	19-9	16-8
	16	30-8	26-9	22-7	27-10	24-4	20-7	25-10	22-7	19-1	24-4	21-3	18-0	23-2	20-2	17-1	22-2	19-4	16-3	20-6	18-0	15-2
	24	26-9	23-6	19-9	24-4	21-3	18-0	22-7	19-9	16-8	21-3	18-7	15-8	20-0	17-8	14-10	18-8	16-10	14-3	15-9	15-8	13-2
800SR200-68	12	36-3	31-8	26-8	33-0	28-9	24-3	30-7	26-8	22-7	28-9	25-2	21-2	27-4	23-10	20-2	26-2	22-10	19-3	24-3	21-2	17-10
	16	33-0	28-9	24-3	30-0	26-2	22-1	27-9	24-3	20-6	26-2	22-10	19-3	24-10	21-8	18-3	23-9	20-9	17-6	22-1	19-3	16-3
	24	28-9	25-2	21-2	26-2	22-10	19-3	24-3	21-2	17-10	22-10	20-0	16-9	21-8	19-0	16-0	20-9	18-1	15-3	19-3	16-9	14-2
800SR200-97	12	40-3	35-2	29-8	36-7	32-0	27-0	34-0	29-8	25-0	32-0	27-10	23-7	30-4	26-6	22-4	29-1	25-4	21-4	27-0	23-7	19-10
	16	36-7	32-0	27-0	33-3	29-1	24-6	30-10	27-0	22-9	29-1	25-4	21-4	27-7	24-1	20-3	26-4	23-1	19-6	24-6	21-4	18-1
	24	32-0	27-10	23-7	29-1	25-4	21-4	27-0	23-7	19-10	25-4	22-2	18-8	24-1	21-1	17-9	23-1	20-1	17-0	21-4	18-8	15-9
800SR250-43	12	32-10	28-8	24-2	28-10	26-1	22-0	25-9	24-2	20-4	23-1	22-9	19-2	19-9	19-9	18-3	17-3	17-3	17-3	13-9	13-9	13-9
	16	28-10	26-1	22-0	25-0	23-8	20-0	20-9	20-9	18-7	17-3	17-3	17-3	14-9	14-9	14-9	13-0	13-0	13-0	10-4	10-4	10-4
	24	23-1	22-9	19-2	17-3	17-3	17-3	13-9	13-9	13-9	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
800SR250-54	12	34-10	30-6	25-8	31-8	27-8	23-3	29-4	25-8	21-8	27-8	24-2	20-4	26-3	23-0	19-4	25-2	22-0	18-6	23-3	20-4	17-2
	16	31-8	27-8	23-3	28-9	25-2	21-2	26-8	23-3	19-8	25-2	22-0	18-6	23-10	20-10	17-7	22-10	20-0	16-9	20-10	18-6	15-7
	24	27-8	24-2	20-4	25-2	22-0	18-6	23-3	20-4	17-2	22-0	19-2	16-2	20-4	18-2	15-4	19-1	17-4	14-8	15-9	15-9	13-8
800SR250-68	12	37-9	33-0	27-10	34-4	30-0	25-3	31-10	27-10	23-6	30-0	26-2	22-1	28-6	24-10	21-0	27-3	23-9	20-1	25-3	22-1	18-8
	16	34-4	30-0	25-3	31-2	27-3	23-0	29-0	25-3	21-4	27-3	23-9	20-1	25-10	22-7	19-1	24-9	21-7	18-3	23-0	20-1	16-10
	24	30-0	26-2	22-1	27-3	23-9	20-1	25-3	22-1	18-8	23-9	20-9	17-7	22-7	19-9	16-8	21-7	18-10	15-10	19-6	17-7	14-9
800SR250-97	12	42-2	36-10	31-1	38-4	33-6	28-3	35-7	31-1	26-2	33-6	29-3	24-8	31-9	27-9	23-6	30-6	26-7	22-4	28-3	24-8	20-9
	16	38-4	33-6	28-3	34-10	30-6	25-8	32-4	28-3	23-9	30-6	26-7	22-4	28-10	25-3	21-3	27-8	24-2	20-4	25-8	22-4	18-10
	24	33-6	29-3	24-8	30-6	26-7	22-4	28-3	24-8	20-9	26-7	23-2	19-7	25-3	22-1	18-7	24-2	21-1	17-9	22-4	19-7	16-6
800SR300-43	12	33-7	29-4	24-9	29-1	26-8	22-6	26-0	24-9	20-10	23-1	23-1	19-8	19-9	19-9	18-8	17-3	17-3	17-3	13-9	13-9	13-9
	16	29-1	26-8	22-6	25-2	24-3	20-6	20-9	20-9	19-0	17-3	17-3	17-3	14-9	14-9	14-9	13-0	13-0	13-0	10-4	10-4	10-4
	24	23-1	23-1	19-8	17-3	17-3	17-3	13-9	13-9	13-9	11-6	11-6	11-6	9-10	9-10	9-10	8-8	8-8	8-8	6-10	6-10	6-10
800SR300-54	12	35-8	31-2	26-3	32-4	28-3	23-10	30-1	26-3	22-2	28-3	24-8	20-10	26-10	23-6	19-9	25-8	22-6	19-0	23-10	20-10	17-7
	16	32-4	28-3	23-10	29-6	25-8	21-8	27-3	23-10	20-1	25-8	22-6	19-0	24-4	21-4	18-0	23-4	20-4	17-2	21-1	19-0	16-0
	24	28-3	24-8	20-10	25-8	22-6	19-0	23-10	20-10	17-7	22-3	19-7	16-7	20-7	18-8	15-8	19-3	17-9	15-0	15-9	15-9	14-0
800SR300-68	12	38-9	33-10	28-7	35-2	30-9	26-0	32-8	28-7	24-1	30-9	26-10	22-8	29-2	25-7	21-7	28-0	24-4	20-7	26-0	22-8	19-1
	16	35-2	30-9	26-0	32-0	28-0	23-7	29-8	26-0	21-10	28-0	24-4	20-7	26-7	23-2	19-7	25-4	22-2	18-8	23-7	20-7	17-4
	24	30-9	26-10	22-8	28-0	24-4	20-7	26-0	22-8	19-1	24-4	21-3	18-0	23-2	20-3	17-1	22-1	19-4	16-4	19-9	18-0	15-2
800SR300-97	12	43-8	38-2	32-2	39-8	34-8	29-3	36-10	32-2	27-2	34-8	30-3	25-7	33-0	28-9	24-3	31-6	27-6	23-2	29-3	25-7	21-7
	16	39-8	34-8	29-3	36-1	31-6	26-7	33-6	29-3	24-8	31-6	27-6	23-2	30-0	26-2	22-1	28-8	25-0	21-1	26-7	23-2	19-7
	24	34-8	30-3	25-7	31-6	27-6	23-2	29-3	25-7	21-7	27-6	24-1	20-3	26-2	22-10	19-3	25-0	21-10	18-4	23-2	20-3	17-1

[1] For deflection calculations, listed nominal wind pressures have been adjusted in accordance with footnote (f) to IBC Table 1604.3. No further reductions are allowed.
[2] Studs shall be braced against rotation and lateral movement over their full height.
[3] Listed wind pressures represent the calculated nominal design wind pressure (0.6W based on 2021 and 2018 IBC).

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TABLE 5—COMBINED AXIAL AND LATERAL LOADS
Allowable Axial Loads Per Stud (kip)

5 psf Lateral Load (Interior Use Only)

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.22	2.97	4.51	5.75	8.38	2.64	3.66	5.66	7.15	10.2	2.85	4.12	6.31	8.26	11.7	2.97	4.21	6.36	8.64	12.8
	16	2.13	2.89	4.43	5.67	8.30	2.55	3.57	5.57	7.06	10.1	2.76	4.02	6.22	8.17	11.6	2.88	4.12	6.28	8.55	12.8
	24	1.95	2.72	4.28	5.52	8.12	2.36	3.39	5.39	6.90	9.92	2.58	3.83	6.04	7.99	11.5	2.70	3.93	6.11	8.37	12.6
9	12	2.06	2.79	4.21	5.38	7.85	2.46	3.44	5.25	6.66	9.51	2.67	3.90	5.93	7.69	11.0	2.80	4.00	6.00	8.17	12.2
	16	1.94	2.68	4.11	5.28	7.74	2.34	3.32	5.14	6.55	9.39	2.56	3.77	5.81	7.57	10.8	2.68	3.88	5.89	8.05	12.1
	24	1.73	2.47	3.92	5.09	7.52	2.12	3.09	4.92	6.34	9.16	2.33	3.53	5.58	7.34	10.6	2.46	3.64	5.67	7.82	11.8
10	12	1.88	2.58	3.88	4.97	7.25	2.26	3.18	4.81	6.12	8.75	2.47	3.65	5.51	7.07	10.1	2.60	3.76	5.59	7.58	11.4
	16	1.74	2.45	3.76	4.85	7.11	2.12	3.03	4.67	5.99	8.61	2.33	3.49	5.36	6.93	10.0	2.46	3.61	5.46	7.43	11.2
	24	1.49	2.20	3.53	4.61	6.84	1.85	2.76	4.41	5.73	8.33	2.06	3.20	5.08	6.64	9.68	2.19	3.33	5.20	7.15	11.0
12	12	1.48	2.11	3.13	4.04	5.91	1.82	2.61	3.86	4.96	7.14	2.03	3.04	4.49	5.76	8.29	2.16	3.22	4.75	6.34	9.39
	16	1.32	1.94	2.98	3.88	5.72	1.64	2.43	3.68	4.79	6.94	1.85	2.84	4.30	5.56	8.10	1.98	3.01	4.56	6.15	9.19
	24	1.02[3]	1.64[4]	2.70	3.59	5.38	1.32[3]	2.09	3.37	4.47	6.59	1.52[4]	2.47	3.96	5.21	7.74	1.64[4]	2.64	4.22	5.78	8.82
14	12	1.10[4]	1.64	2.43	3.16	4.61	1.39	2.04	2.97	3.87	5.58	1.58	2.40	3.48	4.50	6.55	1.71	2.63	3.88	5.12	7.47
	16	0.93[3]	1.45[4]	2.27	2.99	4.41	1.19[3]	1.84[4]	2.79	3.68	5.37	1.38[4]	2.17	3.27	4.29	6.33	1.50[4]	2.39	3.66	4.90	7.24
	24	0.62[2]	1.13[3]	1.98[3]	2.68[4]	4.04	0.86[3]	1.48[3]	2.46[3]	3.34[4]	4.99	1.02[3]	1.77[3]	2.91[4]	3.91	5.93	1.13[3]	1.97[4]	3.27[4]	4.48	6.83
16	12	0.78[3]	1.22[3]	1.87[4]	2.45	3.59	1.00[3]	1.54[4]	2.28	3.00	4.37	1.18[3]	1.82	2.68	3.51	5.17	1.30[3]	2.07	3.06	4.02	5.94
	16	0.61[2]	1.03[3]	1.70[3]	2.28[4]	3.38	0.81[3]	1.33[3]	2.10[3]	2.81[4]	4.15	0.97[3]	1.59[3]	2.47[4]	3.30	4.94	1.08[3]	1.82[4]	2.84[4]	3.78	5.70
	24	0.31[1]	0.72[2]	1.42[2]	1.97[3]	3.02[3]	0.48[2]	0.98[2]	1.78[3]	2.48[3]	3.78[4]	0.62[2]	1.20[3]	2.12[3]	2.92[3]	4.54	0.71[2]	1.38[3]	2.44[3]	3.37[4]	5.27

15 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.70	2.48	4.06	5.30	7.87	2.10	3.13	5.14	6.65	9.66	2.32	3.55	5.77	7.72	11.2	2.45	3.66	5.86	8.11	12.3
	16	1.47	2.24	3.85	5.08	7.62	1.85	2.87	4.90	6.41	9.41	2.07	3.28	5.52	7.45	10.9	2.20	3.40	5.62	7.85	12.1
	24	1.03	1.81	3.45	4.66	7.15	1.38	2.39	4.43	5.96	8.92	1.59	2.77	5.03	6.95	10.5	1.72	2.90	5.15	7.35	11.6
9	12	1.43	2.17	3.65	4.81	7.20	1.80	2.77	4.61	6.03	8.84	2.01	3.18	5.25	7.00	10.3	2.14	3.31	5.36	7.49	11.5
	16	1.16	1.90	3.40	4.54	6.89	1.50	2.46	4.32	5.74	8.52	1.71	2.86	4.94	6.68	10.0	1.84	2.99	5.07	7.17	11.2
	24	0.66[3]	1.39[4]	2.93	4.05	6.32	0.97[4]	1.91	3.77	5.20	7.92	1.16	2.26	4.35	6.07	9.35	1.29	2.39	4.51	6.56	10.6
10	12	1.16	1.86	3.22	4.28	6.45	1.49	2.39	4.05	5.37	7.94	1.69	2.79	4.69	6.25	9.28	1.83	2.93	4.83	6.75	10.5
	16	0.85[4]	1.55	2.93	3.98	6.10	1.16[4]	2.05	3.72	5.04	7.57	1.36	2.42	4.33	5.87	8.90	1.48	2.55	4.48	6.38	10.2
	24	0.31[3]	0.98[3]	2.40[4]	3.42	5.44	0.57[3]	1.43[4]	3.12	4.42	6.88	0.75[3]	1.74	3.67	5.19	8.20	0.86[3]	1.87	3.84	5.68	9.42
12	12	0.65[3]	1.24[4]	2.34	3.20	4.92	0.91[3]	1.65[4]	2.96	4.04	6.11	1.08[4]	1.98	3.50	4.73	7.24	1.20[4]	2.14	3.76	5.28	8.31
	16	0.31[2]	0.89[3]	2.01[3]	2.85[4]	4.51	0.54[3]	1.27[3]	2.59[4]	3.66	5.68	0.70[3]	1.55[4]	3.09	4.31	6.79	0.81[3]	1.70[4]	3.34	4.83	7.83
	24	---	0.28[2]	1.45[3]	2.24[3]	3.79[4]	---	0.60[2]	1.94[3]	2.99[3]	4.91	---	0.81[3]	2.36[3]	3.55[4]	5.98	0.12[2]	0.92[3]	2.59[3]	4.02[4]	6.98
14	12	0.24[2]	0.72[3]	1.61[3]	2.28[3]	3.58	0.43[2]	1.03[3]	2.05[3]	2.91[4]	4.50	0.57[3]	1.27[3]	2.44[4]	3.42	5.41	0.66[3]	1.43[3]	2.77[4]	3.95	6.28
	16	---	0.37[2]	1.29[2]	1.93[3]	3.17[3]	0.07[2]	0.64[2]	1.69[3]	2.53[3]	4.06[4]	0.18[2]	0.83[3]	2.04[3]	2.99[3]	4.95	0.25[2]	0.96[3]	2.33[3]	3.47[4]	5.78
	24	---	---	0.74[1]	1.34[2]	2.46[3]	---	---	1.07[2]	1.87[2]	3.31[3]	---	---	1.34[2]	2.25[3]	4.15[3]	---	0.16[2]	1.56[2]	2.65[3]	4.92[4]
16	12	---	0.32[2]	1.06[2]	1.59[3]	2.57[3]	0.08[1]	0.55[2]	1.38[3]	2.06[3]	3.30[4]	0.17[2]	0.71[2]	1.67[3]	2.45[3]	4.03	0.24[2]	0.84[3]	1.94[3]	2.84[3]	4.72
	16	---	---	0.76[1]	1.26[2]	2.19[3]	---	0.18[1]	1.04[2]	1.70[2]	2.88[3]	---	0.30[2]	1.29[2]	2.04[3]	3.58[3]	---	0.38[2]	1.52[2]	2.39[3]	4.24[4]
	24	---	---	0.25[1]	0.70[1]	1.53[2]	---	---	0.46[1]	1.09[1]	2.17[2]	---	---	0.64[1]	1.34[2]	2.82[3]	---	---	0.79[1]	1.61[2]	3.42[3]

20 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.47	2.24	3.85	5.08	7.62	1.85	2.87	4.90	6.41	9.41	2.07	3.28	5.52	7.45	10.9	2.20	3.40	5.62	7.85	12.1
	16	1.17	1.95	3.58	4.80	7.31	1.53	2.55	4.59	6.11	9.08	1.75	2.94	5.19	7.11	10.6	1.88	3.06	5.31	7.52	11.7
	24	0.63[3]	1.40	3.07	4.27	6.70	0.95[4]	1.95	4.00	5.52	8.45	1.15	2.29	4.57	6.46	10.0	1.28	2.42	4.71	6.88	11.1
9	12	1.16	1.90	3.40	4.54	6.89	1.50	2.46	4.32	5.74	8.52	1.71	2.86	4.94	6.68	10.0	1.84	2.99	5.07	7.17	11.2
	16	0.82[4]	1.55	3.08	4.21	6.50	1.14	2.09	3.95	5.37	8.12	1.34	2.45	4.54	6.27	9.55	1.47	2.58	4.69	6.76	10.8
	24	0.21[3]	0.93[3]	2.49[4]	3.59	5.78	0.48[3]	1.40[4]	3.27	4.69	7.36	0.66[3]	1.70	3.81	5.51	8.77	0.78[3]	1.83	3.98	5.98	10.0
10	12	0.85[4]	1.55	2.93	3.98	6.10	1.16[4]	2.05	3.72	5.04	7.57	1.36	2.42	4.33	5.87	8.90	1.48	2.55	4.48	6.38	10.2
	16	0.48[3]	1.16[3]	2.57	3.60	5.65	0.76[3]	1.63[4]	3.31	4.62	7.11	0.94[3]	1.96	3.88	5.41	8.43	1.06[4]	2.09	4.05	5.90	9.66
	24	---	0.49[3]	1.93[3]	2.91[3]	4.85	---	0.88[3]	2.57[3]	3.86[4]	6.26	0.21[3]	1.14[3]	3.08[4]	4.56	7.55	0.31[3]	1.25[3]	3.25[4]	5.03	8.74
12	12	0.31[2]	0.89[3]	2.01[3]	2.85[4]	4.51	0.54[3]	1.27[3]	2.59[4]	3.66	5.68	0.70[3]	1.55[4]	3.09	4.31	6.79	0.81[3]	1.70[4]	3.34	4.83	7.83
	16	---	0.47[2]	1.63[3]	2.44[3]	4.01[4]	0.11[2]	0.81[3]	2.15[3]	3.20[4]	5.15	0.25[2]	1.04[3]	2.59[3]	3.79[4]	6.24	0.34[3]	1.17[3]	2.83[4]	4.28	7.25
	24	---	---	0.96[2]	1.71[2]	3.15[3]	---	---	1.39[2]	2.40[3]	4.24[3]	---	0.16[2]	1.74[3]	2.88[3]	5.27[4]	---	0.24[2]	1.94[3]	3.31[3]	6.22
14	12	---	0.37[2]	1.29[2]	1.93[3]	3.17[3]	---	0.64[2]	1.69[3]	2.53[3]	4.06[4]	0.18[2]	0.83[3]	2.04[3]	2.99[3]	4.95	0.25[2]	0.96[3]	2.33[3]	3.47[4]	5.78
	16	---	---	0.91[2]	1.52[2]	2.68[3]	---	0.19[2]	1.26[2]	2.08[3]	3.55[3]	---	0.32[2]	1.56[2]	2.49[3]	4.40[4]	---	0.41[2]	1.80[3]	2.91[3]	5.20[4]
	24	---	---	0.27[1]	0.82[1]	1.86[2]	---	---	0.54[1]	1.31[2]	2.66[2]	---	---	0.74[1]	1.61[2]	3.45[3]	---	---	0.91[2]	1.94[2]	4.17[3]
16	12	---	---	0.76[1]	1.26[2]	2.19[3]	---	0.18[1]	1.04[2]	1.70[2]	2.88[3]	---	0.30[2]	1.29[2]	2.04[3]	3.58[3]	---	0.38[2]	1.52[2]	2.39[3]	4.24[4]
	16	---	---	0.41[1]	0.87[1]	1.73[2]	---	---	0.65[1]	1.28[2]	2.40[2]	---	---	0.84[1]	1.56[2]	3.06[3]	---	---	1.01[2]	1.86[2]	3.68[3]
	24	---	---		0.22[1]	0.97[1]	---	---	---	0.56[1]	1.57[1]	---	---	---	0.74[1]	2.16[2]	---	---	0.16[1]	0.95[1]	2.70[2]

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on the next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

25 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.24	2.02	3.65	4.87	7.38	1.61	2.63	4.66	6.18	9.16	1.82	3.02	5.27	7.20	10.7	1.96	3.14	5.38	7.60	11.8
	16	0.89[4]	1.67	3.32	4.53	7.00	1.23	2.24	4.29	5.81	8.76	1.44	2.61	4.88	6.78	10.3	1.57	2.73	5.00	7.19	11.4
	24	0.25[3]	1.02[4]	2.71	3.89	6.27	0.54[3]	1.53	3.58	5.11	8.00	0.73[4]	1.84	4.13	6.00	9.51	0.85[4]	1.96	4.28	6.42	10.6
9	12	0.90[4]	1.64	3.16	4.29	6.60	1.23	2.18	4.04	5.46	8.22	1.43	2.55	4.64	6.37	9.65	1.56	2.68	4.78	6.86	10.9
	16	0.50[3]	1.23[4]	2.78	3.89	6.13	0.80[3]	1.73	3.60	5.02	7.73	0.99[4]	2.07	4.17	5.88	9.15	1.11[4]	2.20	4.33	6.36	10.4
	24	---	0.50[3]	2.08[3]	3.16[4]	5.28	---	0.93[3]	2.81[4]	4.22	6.83	0.20[3]	1.19[3]	3.31[4]	4.98	8.23	0.30[3]	1.31[4]	3.48	5.44	9.41
10	12	0.57[3]	1.26[4]	2.65	3.69	5.76	0.86[3]	1.73	3.41	4.72	7.22	1.04[4]	2.07	3.99	5.52	8.54	1.17[4]	2.20	4.15	6.02	9.78
	16	0.15[3]	0.81[3]	2.24[3]	3.24[4]	5.24	0.39[3]	1.24[3]	2.93[4]	4.23	6.67	0.56[3]	1.53[4]	3.47	4.97	7.98	0.67[3]	1.66[4]	3.64	5.46	9.19
	24	---	---	1.49[3]	2.45[3]	4.30[4]	---	0.38[3]	2.08[3]	3.35[3]	5.68	---	0.58[3]	2.53[3]	3.99[4]	6.94	---	0.68[3]	2.70[3]	4.43[4]	8.11
12	12	---	0.57[3]	1.72[3]	2.54[3]	4.13	0.22[2]	0.92[3]	2.25[3]	3.31[4]	5.28	0.36[3]	1.16[3]	2.71[3]	3.91	6.37	0.45[3]	1.29[3]	2.95[4]	4.41	7.39
	16	---	0.10[2]	1.28[2]	2.06[3]	3.57[3]	---	0.40[2]	1.75[3]	2.79[3]	4.68[4]	---	0.58[3]	2.15[3]	3.32[3]	5.74	---	0.68[3]	2.37[3]	3.77[4]	6.72
	24	---	---	0.52[1]	1.23[2]	2.58[3]	---	---	0.89[2]	1.87[2]	3.63[3]	---	---	1.17[2]	2.28[3]	4.62[3]	---	---	1.35[2]	2.66[3]	5.53[3]
14	12	---	---	1.00[2]	1.62[2]	2.80[3]	---	0.29[2]	1.36[2]	2.18[3]	3.67[3]	---	0.44[2]	1.67[3]	2.61[3]	4.53[4]	---	0.54[2]	1.93[3]	3.04[3]	5.34
	16	---	---	0.57[1]	1.16[2]	2.25[2]	---	---	0.88[2]	1.68[2]	3.09[3]	---	---	1.13[2]	2.03[2]	3.90[3]	---	---	1.34[2]	2.41[3]	4.66[3]
	24	---	---	---	0.37[1]	1.32[1]	---	---	---	0.81[1]	2.08[2]	---	---	0.21[1]	1.04[1]	2.82[2]	---	---	0.32[1]	1.31[2]	3.50[3]
16	12	---	---	0.49[1]	0.96[1]	1.84[2]	---	---	0.74[1]	1.38[2]	2.51[3]	---	---	0.95[2]	1.67[2]	3.18[3]	---	---	1.13[2]	1.98[2]	3.81[3]
	16	---	---	---	0.53[1]	1.33[1]	---	---	0.29[1]	0.91[1]	1.96[2]	---	---	0.44[1]	1.13[1]	2.59[2]	---	---	0.57[1]	1.38[2]	3.17[3]
	24	---	---	---	---	0.47[1]	---	---	---	0.10[1]	1.03[1]	---	---	---	0.21[1]	1.58[1]	---	---	---	0.36[1]	2.07[2]

30 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.03	1.81	3.45	4.66	7.15	1.38	2.39	4.43	5.96	8.92	1.59	2.77	5.03	6.95	10.5	1.72	2.90	5.15	7.35	11.6
	16	0.63[3]	1.40	3.07	4.27	6.70	0.95[4]	1.95	4.00	5.52	8.45	1.15	2.29	4.57	6.46	10.0	1.28	2.42	4.71	6.88	11.1
	24		0.65[3]	2.37[4]	3.53	5.85	0.16[3]	1.13[4]	3.19	4.71	7.56	0.34[3]	1.41[4]	3.71	5.56	9.06	0.45[3]	1.53	3.87	5.97	10.2
9	12	0.66[3]	1.39[4]	2.93	4.05	6.32	0.97[4]	1.91	3.77	5.20	7.92	1.16	2.26	4.35	6.07	9.35	1.29	2.39	4.51	6.56	10.6
	16	0.21[3]	0.93[3]	2.49[4]	3.59	5.78	0.48[3]	1.40[4]	3.27	4.69	7.36	0.66[3]	1.70	3.81	5.51	8.77	0.78[3]	1.83	3.98	5.98	10.0
	24	---	0.10[2]	1.70[3]	2.75[3]	4.80		0.49[3]	2.37[3]	3.77[4]	6.33	---	0.71[3]	2.83[3]	4.47	7.71	---	0.81[3]	3.01[4]	4.93	8.87
10	12	0.31[3]	0.98[3]	2.40[4]	3.42	5.44	0.57[3]	1.43[4]	3.12	4.42	6.88	0.75[3]	1.74	3.67	5.19	8.20	0.86[3]	1.87	3.84	5.68	9.42
	16	---	0.49[3]	1.93[3]	2.91[3]	4.85	---	0.88[3]	2.57[3]	3.86[4]	6.26	0.21[3]	1.14[3]	3.08[4]	4.56	7.55	0.31[3]	1.25[3]	3.25[4]	5.03	8.74
	24	---	---	1.09[2]	2.01[3]	3.79[3]	---	---	1.62[3]	2.87[3]	5.14[4]	---	---	2.02[3]	3.45[3]	6.37	---	0.15[3]	2.19[3]	3.87[3]	7.51
12	12	---	0.28[2]	1.45[3]	2.24[3]	3.79[4]	---	0.60[2]	1.94[3]	2.99[3]	4.91	---	0.81[3]	2.36[3]	3.55[4]	5.98	0.12[2]	0.92[3]	2.59[3]	4.02[4]	6.98
	16	---	---	0.96[2]	1.71[2]	3.15[3]	---	---	1.39[2]	2.40[3]	4.24[3]	---	0.16[2]	1.74[3]	2.88[3]	5.27[4]	---	0.24[2]	1.94[3]	3.31[3]	6.22
	24	---	---	0.11[1]	0.79[1]	2.06[2]	---	---	0.43[1]	1.39[2]	3.07[3]	---	---	0.66[2]	1.73[2]	4.02[3]	---	---	0.80[2]	2.07[2]	4.88[3]
14	12	---	---	0.74[1]	1.34[2]	2.46[3]	---	---	1.07[2]	1.87[2]	3.31[3]	---	---	1.34[2]	2.25[3]	4.15[3]	---	0.16[2]	1.56[2]	2.65[3]	4.92[4]
	16	---	---	0.27[1]	0.82[1]	1.86[2]	---	---	0.54[1]	1.31[2]	2.66[2]	---	---	0.74[1]	1.61[2]	3.45[3]	---	---	0.91[2]	1.94[2]	4.17[3]
	24	---	---	---	---	0.83[1]	---	---	---	0.35[1]	1.56[1]	---	---	---	0.53[1]	2.25[2]	---	---	---	0.74[1]	2.88[2]
16	12	---	---	0.25[1]	0.70[1]	1.53[2]	---	---	0.46[1]	1.09[1]	2.17[2]	---	---	0.64[1]	1.34[2]	2.82[3]	---	---	0.79[1]	1.61[2]	3.42[3]
	16	---	---	---	0.22[1]	0.97[1]	---	---	---	0.56[1]	1.57[1]	---	---	---	0.74[1]	2.16[2]	---	---	0.16[1]	0.95[1]	2.70[2]
	24	---	---	---	---	---	---	---	---	---	0.55[1]	---	---	---	---	1.05[1]	---	---	---	---	1.49[1]

35 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.82[4]	1.60	3.26	4.46	6.92	1.16	2.17	4.21	5.74	8.68	1.37	2.53	4.80	6.70	10.2	1.50	2.65	4.93	7.11	11.3
	16	0.37[3]	1.14[4]	2.83	4.02	6.41	0.67[3]	1.66	3.72	5.25	8.15	0.87[4]	1.99	4.27	6.15	9.66	0.99	2.11	4.42	6.57	10.8
	24	---	0.31[3]	2.04[3]	3.19[4]	5.45	---	0.74[3]	2.81[4]	4.33	7.14	---	1.00[4]	3.30[4]	5.13	8.63	---	1.11[4]	3.47	5.54	9.76
9	12	0.43[3]	1.15[4]	2.70	3.81	6.04	0.72[3]	1.65	3.52	4.94	7.64	0.91[4]	1.97	4.08	5.79	9.06	1.03[4]	2.10	4.24	6.27	10.3
	16	---	0.64[3]	2.22[3]	3.30[4]	5.44	0.18[3]	1.08[3]	2.96[4]	4.37	7.01	0.35[3]	1.36[4]	3.47	5.15	8.41	0.46[3]	1.48[4]	3.65	5.62	9.59
	24	---	---	1.34[3]	2.37[3]	4.35[4]	---	---	1.96[3]	3.34[3]	5.85	---	0.25[3]	2.38[3]	3.99[4]	7.21	---	0.35[3]	2.56[3]	4.43[4]	8.36
10	12	---	0.73[3]	2.16[3]	3.16[4]	5.14	0.31[3]	1.15[3]	2.84[4]	4.14	6.57	0.47[3]	1.43[4]	3.37	4.87	7.87	0.58[3]	1.55[4]	3.54	5.35	9.08
	16	---	0.18[2]	1.63[3]	2.60[3]	4.48[4]	---	0.54[3]	2.24[3]	3.52[3]	5.87	---	0.76[3]	2.71[3]	4.17[4]	7.14	---	0.87[3]	2.88[3]	4.63	8.32
	24	---	---	0.72[2]	1.61[2]	3.31[3]	---	---	1.19[2]	2.42[3]	4.62[3]	---	---	1.54[3]	2.94[3]	5.83[4]	---	---	1.71[3]	3.34[3]	6.93
12	12	---	---	1.20[2]	1.97[3]	3.46[3]	---	0.30[2]	1.66[3]	2.69[3]	4.56[4]	---	0.47[2]	2.04[3]	3.21[3]	5.62	---	0.57[3]	2.26[3]	3.65[3]	6.59
	16	---	---	0.66[1]	1.39[2]	2.77[3]	---	---	1.05[2]	2.04[2]	3.82[3]	---	---	1.35[2]	2.48[3]	4.83[3]	---	---	1.54[2]	2.87[3]	5.75[4]
	24	---	---	---	0.39[1]	1.58[2]	---	---	---	0.94[1]	2.54[2]	---	---	0.18[1]	1.22[2]	3.46[3]	---	---	0.30[1]	1.51[2]	4.28[3]
14	12	---	---	0.49[1]	1.07[2]	2.15[2]	---	---	0.79[1]	1.58[2]	2.98[3]	---	---	1.03[2]	1.92[2]	3.79[3]	---	---	1.23[2]	2.29[3]	4.54[3]
	16	---	---	---	0.52[1]	1.49[2]	---	---	0.22[1]	0.97[1]	2.27[2]	---	---	0.38[1]	1.23[2]	3.02[2]	---	---	0.51[1]	1.52[2]	3.71[3]
	24	---	---	---	---	0.38[1]	---	---			1.07[1]	---	---	---	---	1.72[1]	---	---	---	0.20[1]	2.30[2]
16	12	---	---	---	0.45[1]	1.24[1]	---	---	0.21[1]	0.82[1]	1.86[2]	---	---	0.35[1]	1.03[1]	2.48[2]	---	---	0.46[1]	1.27[2]	3.05[2]
	16	---	---	---	---	0.63[1]	---	---	---	0.25[1]	1.21[1]	---	---	---	0.38[1]	1.77[1]	---	---	---	0.55[1]	2.27[2]
	24	---	---	---	---	---	---	---	---	---	0.10[1]	---	---	---	---	0.56[1]	---	---	---	---	0.96[1]

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

40 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.63[3]	1.40	3.07	4.27	6.70	0.95[4]	1.95	4.00	5.52	8.45	1.15	2.29	4.57	6.46	10.0	1.28	2.42	4.71	6.88	11.1
	16	0.13[3]	0.89[3]	2.60[4]	3.77	6.13	0.41[3]	1.39[4]	3.45	4.98	7.85	0.60[3]	1.69	3.99	5.85	9.36	0.72[4]	1.82	4.14	6.27	10.5
	24	---	---	1.73[3]	2.85[3]	5.06	---	0.38[3]	2.45[3]	3.96[4]	6.73	---	0.60[3]	2.91[4]	4.71	8.21	---	0.71[3]	3.09[4]	5.12	9.33
9	12	0.21[3]	0.93[3]	2.49[4]	3.59	5.78	0.48[3]	1.40[4]	3.27	4.69	7.4	0.66[3]	1.70	3.81	5.51	8.77	0.78[3]	1.83	3.98	5.98	10.0
	16	---	0.36[3]	1.95[3]	3.02[4]	5.12	---	0.78[3]	2.66[3]	4.06[4]	6.66	---	1.03[3]	3.15[4]	4.80	8.05	0.15[3]	1.14[4]	3.32[4]	5.27	9.23
	24	---	---	1.00[2]	2.00[3]	3.92[3]	---	---	1.56[3]	2.93[3]	5.39[4]	---	---	1.95[3]	3.54[3]	6.73	---	---	2.13[3]	3.96[4]	7.86
10	12	---	0.49[3]	1.93[3]	2.91[3]	4.85	---	0.88[3]	2.57[3]	3.86[4]	6.26	0.21[3]	1.14[3]	3.08[4]	4.56	7.55	0.31[3]	1.25[3]	3.25[4]	5.03	8.74
	16	---	---	1.36[3]	2.30[3]	4.13[3]	---	0.22[2]	1.92[3]	3.19[3]	5.49[4]	---	0.41[3]	2.35[3]	3.80[4]	6.75	---	0.50[3]	2.53[3]	4.24[4]	7.90
	24	---	---	0.36[2]	1.22[2]	2.86[3]	---	---	0.79[2]	2.00[2]	4.14[3]	---	---	1.09[2]	2.46[3]	5.32[3]	---	---	1.25[2]	2.84[3]	6.39[4]
12	12	---	---	0.96[2]	1.71[2]	3.15[3]	---	---	1.39[2]	2.40[3]	4.24[3]	---	0.16[2]	1.74[3]	2.88[3]	5.27[4]	---	0.24[2]	1.94[3]	3.31[3]	6.22
	16	---	---	0.38[1]	1.08[2]	2.41[2]	---	---	0.73[2]	1.71[2]	3.43[3]	---	---	1.00[2]	2.10[2]	4.41[3]	---	---	1.16[2]	2.46[3]	5.31[3]
	24	---	---	---	---	1.12[1]	---	---	---	0.52[1]	2.06[2]	---	---	---	0.74[1]	2.93[2]	---	---	---	0.99[2]	3.72[3]
14	12	---	---	0.27[1]	0.82[1]	1.86[2]	---	---	0.54[1]	1.31[2]	2.66[2]	---	---	0.74[1]	1.61[2]	3.45[3]	---	---	0.91[2]	1.94[2]	4.17[3]
	16	---	---	---	0.23[1]	1.15[1]	---	---	---	0.65[1]	1.90[2]	---	---	---	0.87[1]	2.63[2]	---	---	0.14[1]	1.11[2]	3.28[2]
	24	---	---	---	---	---	---	---	---	---	0.61[1]	---	---	---	---	1.23[1]	---	---	---	---	1.77[1]
16	12	---	---	---	0.22[1]	0.97[1]	---	---	---	0.56[1]	1.57[1]	---	---	---	0.74[1]	2.16[2]	---	---	0.16[1]	0.95[1]	2.70[2]
	16	---	---	---	---	0.31[1]	---	---	---	---	0.87[1]	---	---	---	---	1.40[1]	---	---	---	0.18[1]	1.87[1]
	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.10[1]	---	---	---	---	0.46[1]

50 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362SR162					362SR200					362SR250					362SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.25[3]	1.02[4]	2.71	3.89	6.27	0.54[3]	1.53	3.58	5.11	8.00	0.73[4]	1.84	4.13	6.00	9.51	0.85[4]	1.96	4.28	6.42	10.6
	16	---	0.42[3]	2.15[3]	3.30[4]	5.58	---	0.87[3]	2.94[4]	4.46	7.3	---	1.13[4]	3.44	5.27	8.77	0.19[3]	1.25[4]	3.60	5.68	9.90
	24	---	---	1.13[3]	2.22[3]	4.33[4]	---	---	1.76[3]	3.26[3]	5.95	---	---	2.17[3]	3.92[4]	7.39	---	---	2.35[3]	4.32[4]	8.50
9	12	---	0.50[3]	2.08[3]	3.16[4]	5.28	---	0.93[3]	2.81[4]	4.22	6.83	0.20[3]	1.19[3]	3.31[4]	4.98	8.23	0.30[3]	1.31[4]	3.48	5.44	9.41
	16	---	---	1.46[3]	2.49[3]	4.50[4]	---	0.21[3]	2.09[3]	3.48[3]	6.01	---	0.40[3]	2.53[3]	4.15[4]	7.37	---	0.50[3]	2.71[3]	4.59	8.53
	24	---	---	0.36[2]	1.31[2]	3.11[3]	---	---	0.83[2]	2.17[3]	4.53[3]	---	---	1.15[2]	2.67[3]	5.82[4]	---	---	1.32[3]	3.06[3]	6.91[4]
10	12	---	---	1.49[3]	2.45[3]	4.30[4]	---	0.38[3]	2.08[3]	3.35[3]	5.68	---	0.58[3]	2.53[3]	3.99[4]	6.94	---	0.68[3]	2.70[3]	4.43[4]	8.11
	16	---	---	0.84[2]	1.74[2]	3.47[3]	---	---	1.33[2]	2.57[3]	4.79[3]	---	---	1.70[3]	3.11[3]	6.01[4]	---	---	1.87[3]	3.52[3]	7.12
	24	---	---	---	0.51[1]	2.01[2]	---	---	---	1.21[2]	3.23[3]	---	---	0.25[2]	1.56[2]	4.35[3]	---	---	0.39[2]	1.89[2]	5.36[3]
12	12	---	---	0.52[1]	1.23[2]	2.58[3]	---	---	0.89[2]	1.87[2]	3.63[3]	---	---	1.17[2]	2.28[3]	4.62[3]	---	---	1.35[2]	2.66[3]	5.53[3]
	16	---	---	---	0.52[1]	1.74[2]	---	---	0.14[1]	1.08[2]	2.71[2]	---	---	0.33[1]	1.39[2]	3.64[3]	---	---	0.46[2]	1.69[2]	4.48[3]
	24	---	---	---	---	0.29[1]	---	---	---	---	1.15[1]	---	---	---	---	1.96[2]	---	---	---	---	2.67[2]
14	12	---	---	---	0.37[1]	1.32[1]	---	---	---	0.81[1]	2.08[2]	---	---	0.21[1]	1.04[1]	2.82[2]	---	---	0.32[1]	1.31[2]	3.50[3]
	16	---	---	---	---	0.52[1]	---	---	---	---	1.23[1]	---	---	---	0.20[1]	1.89[2]	---	---	---	0.38[1]	2.49[2]
	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.32[1]	---	---	---	---	0.78[1]
16	12	---	---	---	---	0.47[1]	---	---	---	0.10[1]	1.03[1]	---	---	---	0.21[1]	1.58[1]	---	---	---	0.36[1]	2.07[2]
	16	---	---	---	---	---	---	---	---	---	0.24[1]	---	---	---	---	0.72[1]	---	---	---	---	1.13[1]
	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5 psf Lateral Load (Interior Use Only)

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.51	3.35	5.20	6.60	9.54	2.95	4.10	6.51	8.20	11.6	3.17	4.54	7.02	9.27	13.4	3.30	4.64	7.19	9.63	14.5
	16	2.42	3.26	5.13	6.53	9.46	2.86	4.01	6.42	8.12	11.6	3.08	4.45	6.94	9.18	13.3	3.21	4.55	7.10	9.54	14.4
	24	2.25	3.10	4.98	6.38	9.29	2.68	3.83	6.25	7.96	11.4	2.90	4.27	6.77	9.01	13.2	3.04	4.38	6.94	9.37	14.3
9	12	2.36	3.18	4.93	6.28	9.08	2.79	3.89	6.14	7.76	11.0	3.01	4.34	6.73	8.85	12.7	3.14	4.45	6.85	9.24	13.8
	16	2.25	3.08	4.83	6.18	8.97	2.67	3.78	6.03	7.65	10.9	2.89	4.23	6.62	8.73	12.6	3.02	4.33	6.74	9.13	13.7
	24	2.03	2.87	4.64	5.99	8.76	2.45	3.55	5.81	7.44	10.7	2.67	3.99	6.40	8.51	12.4	2.81	4.11	6.54	8.91	13.5
10	12	2.19	2.99	4.62	5.90	8.54	2.60	3.66	5.72	7.26	10.3	2.82	4.12	6.39	8.38	11.9	2.95	4.23	6.47	8.80	13.1
	16	2.06	2.86	4.50	5.78	8.40	2.46	3.51	5.58	7.12	10.2	2.68	3.97	6.24	8.23	11.8	2.81	4.09	6.34	8.66	13.0
	24	1.80	2.61	4.26	5.54	8.13	2.19	3.24	5.31	6.86	9.91	2.41	3.69	5.97	7.95	11.5	2.55	3.81	6.08	8.38	12.7
12	12	1.80	2.54	3.89	5.01	7.26	2.18	3.11	4.77	6.12	8.75	2.39	3.58	5.49	7.07	10.1	2.53	3.72	5.61	7.62	11.5
	16	1.63	2.36	3.72	4.84	7.06	1.99	2.92	4.59	5.93	8.55	2.20	3.37	5.29	6.87	9.93	2.34	3.52	5.43	7.41	11.3
	24	1.31[4]	2.04	3.41	4.52	6.70	1.65[4]	2.56	4.25	5.59	8.17	1.85	3.00	4.92	6.48	9.55	2.00	3.15	5.08	7.03	10.9
14	12	1.40	2.05	3.10	4.03	5.86	1.73	2.52	3.80	4.92	7.08	1.93	2.95	4.43	5.71	8.28	2.07	3.14	4.72	6.33	9.42
	16	1.20[3]	1.84	2.91	3.83	5.63	1.51[4]	2.30	3.59	4.70	6.84	1.71	2.70	4.20	5.47	8.03	1.85	2.90	4.49	6.08	9.16
	24	0.86[3]	1.48[3]	2.58[4]	3.48	5.22	1.14[3]	1.90[3]	3.22	4.32	6.41	1.32[3]	2.27[4]	3.78	5.04	7.58	1.45[3]	2.45	4.08	5.63	8.69
16	12	1.03[3]	1.58[4]	2.41	3.16	4.61	1.31[4]	1.97	2.94	3.85	5.59	1.49[4]	2.32	3.44	4.49	6.58	1.63	2.56	3.85	5.12	7.53
	16	0.83[3]	1.37[3]	2.22[4]	2.96	4.37	1.09[3]	1.73[3]	2.73	3.63	5.34	1.26[3]	2.07[4]	3.21	4.24	6.32	1.39[3]	2.29	3.60	4.85	7.25
	24	0.49[2]	1.01[2]	1.89[3]	2.61[3]	3.96[4]	0.72[2]	1.33[3]	2.37[3]	3.25[4]	4.91	0.86[2]	1.62[3]	2.80[3]	3.81[4]	5.86	0.97[3]	1.82[3]	3.16[3]	4.38	6.77

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

15 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.00	2.86	4.76	6.16	9.05	2.42	3.58	6.01	7.72	11.1	2.65	4.00	6.52	8.75	12.9	2.78	4.12	6.70	9.12	14.0
	16	1.76	2.63	4.54	5.95	8.82	2.18	3.33	5.76	7.49	10.9	2.40	3.75	6.28	8.50	12.7	2.54	3.87	6.47	8.88	13.8
	24	1.31	2.19	4.13	5.54	8.36	1.71	2.85	5.30	7.03	10.4	1.92	3.25	5.81	8.01	12.2	2.06	3.38	6.01	8.40	13.3
9	12	1.73	2.57	4.36	5.71	8.44	2.13	3.23	5.50	7.14	10.4	2.35	3.66	6.08	8.17	12.1	2.49	3.79	6.23	8.59	13.2
	16	1.45	2.29	4.10	5.44	8.14	1.83	2.93	5.20	6.85	10.1	2.05	3.34	5.78	7.85	11.7	2.19	3.48	5.94	8.27	12.9
	24	0.92[4]	1.77	3.60	4.94	7.57	1.28	2.36	4.64	6.29	9.46	1.49	2.75	5.19	7.24	11.1	1.63	2.89	5.38	7.67	12.3
10	12	1.45	2.26	3.93	5.20	7.75	1.82	2.86	4.94	6.49	9.51	2.04	3.29	5.58	7.54	11.1	2.18	3.42	5.71	7.98	12.3
	16	1.13	1.93	3.62	4.88	7.38	1.48	2.51	4.59	6.14	9.13	1.69	2.91	5.21	7.15	10.7	1.83	3.05	5.36	7.60	11.9
	24	0.55[3]	1.34[4]	3.05	4.29	6.71	0.87[3]	1.86	3.95	5.50	8.43	1.05[4]	2.22	4.53	6.43	10.0	1.18	2.37	4.70	6.88	11.2
12	12	0.89[3]	1.61	3.00	4.09	6.20	1.21[4]	2.09	3.79	5.12	7.65	1.39	2.49	4.41	5.96	9.01	1.53	2.64	4.60	6.50	10.3
	16	0.53[3]	1.23[3]	2.64[4]	3.71	5.75	0.81[3]	1.68[4]	3.38	4.70	7.18	0.98[3]	2.03	3.96	5.49	8.52	1.11[4]	2.18	4.15	6.02	9.79
	24	---	0.56[3]	1.99[3]	3.02[3]	4.95	0.13[2]	0.94[3]	2.66[3]	3.94[4]	6.33	0.26[3]	1.23[3]	3.16[4]	4.65	7.63	0.37[3]	1.36[3]	3.36[4]	5.14	8.85
14	12	0.43[3]	1.02[3]	2.15[3]	3.02	4.68	0.67[3]	1.40[3]	2.74[4]	3.82	5.85	0.82[3]	1.72[4]	3.25	4.48	6.98	0.94[3]	1.88[4]	3.53	5.03	8.06
	16	---	0.62[2]	1.77[3]	2.62[3]	4.21	0.26[2]	0.96[3]	2.32[3]	3.38[4]	5.35	0.39[3]	1.23[3]	2.78[3]	3.99	6.45	0.49[3]	1.37[3]	3.04[4]	4.50	7.50
	24	---	---	1.13[2]	1.94[3]	3.40[3]	---	0.21[2]	1.60[2]	2.62[3]	4.48[3]	---	0.40[2]	1.97[3]	3.13[3]	5.52[4]	---	0.50[2]	2.20[3]	3.58[3]	6.50
16	12	---	0.55[2]	1.47[3]	2.16[3]	3.44[4]	0.25[2]	0.83[3]	1.90[3]	2.77[3]	4.35	0.36[2]	1.07[3]	2.28[3]	3.26[4]	5.26	0.45[2]	1.22[3]	2.59[3]	3.77	6.13
	16	---	0.16[2]	1.11[2]	1.78[3]	2.99[3]	---	0.41[2]	1.51[2]	2.35[3]	3.87[3]	---	0.59[2]	1.83[3]	2.79[3]	4.75[4]	---	0.71[2]	2.11[3]	3.24[3]	5.58
	24	---	---	0.50[1]	1.13[2]	2.22[2]	---	---	0.83[1]	1.63[2]	3.04[3]	---	---	1.07[2]	1.97[2]	3.85[3]	---	---	1.27[2]	2.34[3]	4.61[3]

20 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.76	2.63	4.54	5.95	8.82	2.18	3.33	5.76	7.49	10.9	2.40	3.75	6.28	8.50	12.7	2.54	3.87	6.47	8.88	13.8
	16	1.46	2.34	4.26	5.67	8.51	1.86	3.00	5.45	7.18	10.6	2.08	3.42	5.96	8.17	12.3	2.22	3.54	6.16	8.56	13.5
	24	0.90	1.78	3.74	5.14	7.91	1.27	2.40	4.86	6.60	9.94	1.47	2.78	5.35	7.53	11.7	1.61	2.92	5.57	7.94	12.8
9	12	1.45	2.29	4.10	5.44	8.14	1.83	2.93	5.20	6.85	10.1	2.05	3.34	5.78	7.85	11.7	2.19	3.48	5.94	8.27	12.9
	16	1.09	1.94	3.76	5.10	7.76	1.46	2.54	4.82	6.47	9.65	1.67	2.94	5.38	7.44	11.3	1.81	3.08	5.56	7.87	12.5
	24	0.45[3]	1.29[4]	3.14	4.46	7.03	0.78[4]	1.83	4.11	5.77	8.89	0.97[4]	2.19	4.65	6.67	10.5	1.10	2.33	4.84	7.10	11.7
10	12	1.13	1.93	3.62	4.88	7.38	1.48	2.51	4.59	6.14	9.13	1.69	2.91	5.21	7.15	10.7	1.83	3.05	5.36	7.60	11.9
	16	0.73[3]	1.53	3.23	4.48	6.93	1.06[4]	2.07	4.16	5.71	8.66	1.25	2.45	4.75	6.66	10.2	1.39	2.59	4.92	7.12	11.4
	24	---	0.81[3]	2.53[4]	3.76	6.09	0.32[3]	1.27[3]	3.37[4]	4.90	7.77	0.48[3]	1.60[4]	3.91	5.76	9.29	0.60[3]	1.74	4.09	6.21	10.5
12	12	0.53[3]	1.23[3]	2.64[4]	3.71	5.75	0.81[3]	1.68[4]	3.38	4.70	7.18	0.98[3]	2.03	3.96	5.49	8.52	1.11[4]	2.18	4.15	6.02	9.79
	16	0.10[2]	0.77[3]	2.20[3]	3.24[4]	5.21	0.35[3]	1.17[3]	2.88[4]	4.18	6.60	0.49[3]	1.48[3]	3.42[4]	4.91	7.92	0.60[3]	1.62[4]	3.61	5.42	9.15
	24	---	---	1.43[2]	2.42[3]	4.24[3]	---	0.30[2]	2.02[3]	3.28[3]	5.58[4]	---	0.53[3]	2.46[3]	3.90[3]	6.83	---	0.64[3]	2.65[3]	4.36[4]	8.00
14	12	---	0.62[2]	1.77[3]	2.62[3]	4.21	0.26[2]	0.96[3]	2.32[3]	3.38[4]	5.35	0.39[3]	1.23[3]	2.78[3]	3.99	6.45	0.49[3]	1.37[3]	3.04[4]	4.50	7.50
	16	---	0.16[2]	1.33[2]	2.15[3]	3.66[3]	---	0.45[2]	1.83[3]	2.86[3]	4.75[4]	---	0.66[3]	2.23[3]	3.40[3]	5.82	---	0.78[3]	2.46[3]	3.87[4]	6.82
	24	---	---	0.58[1]	1.34[2]	2.70[3]	---	---	0.98[2]	1.97[2]	3.73[3]	---	---	1.28[2]	2.39[3]	4.72[3]	---	---	1.46[2]	2.78[3]	5.63[3]
16	12	---	0.16[2]	1.11[2]	1.78[3]	2.99[3]	---	0.41[2]	1.51[2]	2.35[3]	3.87[3]	---	0.59[2]	1.83[3]	2.79[3]	4.75[4]	---	0.71[2]	2.11[3]	3.24[3]	5.58
	16	---	---	0.69[1]	1.33[2]	2.46[3]	---	---	1.04[2]	1.85[2]	3.30[3]	---	---	1.31[2]	2.23[3]	4.13[3]	---	0.11[2]	1.53[2]	2.62[3]	4.92[3]
	24	---	---	---	0.57[1]	1.57[2]	---	---	0.26[1]	1.02[1]	2.34[2]	---	---	0.43[1]	1.28[2]	3.09[2]	---	---	0.56[1]	1.57[2]	3.78[3]

25 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.53	2.41	4.33	5.74	8.58	1.94	3.08	5.53	7.26	10.7	2.16	3.50	6.04	8.25	12.4	2.30	3.62	6.24	8.64	13.5
	16	1.17	2.05	4.00	5.40	8.21	1.56	2.69	5.15	6.89	10.3	1.77	3.09	5.65	7.85	12.0	1.91	3.23	5.86	8.25	13.1
	24	0.50[4]	1.39	3.36	4.76	7.48	0.85[4]	1.97	4.43	6.18	9.49	1.05	2.33	4.92	7.08	11.2	1.18	2.47	5.14	7.49	12.4
9	12	1.18	2.03	3.84	5.19	7.85	1.55	2.64	4.91	6.56	9.75	1.76	3.04	5.48	7.54	11.4	1.90	3.18	5.65	7.97	12.6
	16	0.76[4]	1.61	3.44	4.77	7.39	1.11	2.18	4.46	6.11	9.26	1.31	2.56	5.01	7.05	10.9	1.45	2.70	5.20	7.48	12.1
	24	---	0.84[3]	2.70[4]	4.01	6.51	0.31[3]	1.34[4]	3.62	5.27	8.35	0.48[3]	1.67	4.13	6.12	10.0	0.60[3]	1.80	4.34	6.56	11.1
10	12	0.83[4]	1.63	3.33	4.58	7.04	1.17[4]	2.17	4.26	5.81	8.77	1.36	2.56	4.86	6.78	10.3	1.50	2.70	5.03	7.23	11.5
	16	0.37[3]	1.16[3]	2.87	4.11	6.50	0.68[3]	1.66[4]	3.75	5.30	8.20	0.85[3]	2.01	4.32	6.20	9.74	0.98[4]	2.15	4.50	6.66	10.9
	24	---	0.32[3]	2.05[3]	3.26[3]	5.51	---	0.74[3]	2.83[3]	4.35[4]	7.16	---	1.02[3]	3.33[4]	5.14	8.65	---	1.15[3]	3.52[4]	5.59	9.83
12	12	0.20[2]	0.88[3]	2.30[3]	3.35[4]	5.34	0.46[3]	1.29[3]	3.00[4]	4.31	6.74	0.61[3]	1.62[4]	3.55	5.05	8.06	0.72[3]	1.76[4]	3.74	5.57	9.30
	16	---	0.36[2]	1.80[3]	2.81[3]	4.71[4]	---	0.72[3]	2.44[3]	3.72[4]	6.07	---	0.99[3]	2.92[3]	4.39[4]	7.36	0.14[3]	1.11[3]	3.12[4]	4.87	8.56
	24	---	---	0.92[2]	1.88[2]	3.60[3]	---	---	1.45[2]	2.68[3]	4.89[3]	---	---	1.83[3]	3.22[3]	6.11[4]	---	---	2.01[3]	3.65[3]	7.23
14	12	---	0.27[2]	1.44[2]	2.26[3]	3.79[3]	---	0.57[2]	1.94[3]	2.99[3]	4.89[4]	---	0.80[3]	2.36[3]	3.54[3]	5.97	---	0.92[3]	2.60[3]	4.02[4]	6.98
	16	---	---	0.94[2]	1.73[2]	3.16[3]	---	---	1.39[2]	2.40[3]	4.22[3]	---	0.15[2]	1.73[2]	2.87[3]	5.24[4]	---	0.24[2]	1.94[3]	3.30[3]	6.20[4]
	24	---	---	---	0.81[1]	2.08[2]	---	---	0.44[1]	1.39[2]	3.05[2]	---		0.66[1]	1.72[2]	3.99[3]	---	---	0.81[2]	2.06[2]	4.85[3]
16	12	---	---	0.79[1]	1.44[2]	2.59[3]	---	---	1.15[2]	1.97[2]	3.44[3]	---	0.17[2]	1.44[2]	2.36[3]	4.28[3]	---	0.25[2]	1.67[2]	2.77[3]	5.07[4]
	16	---	---	0.32[1]	0.93[1]	1.99[2]	---	---	0.63[1]	1.42[2]	2.80[2]	---	---	0.85[1]	1.73[2]	3.59[3]	---	---	1.02[2]	2.07[2]	4.32[3]
	24	---	---	---	---	0.98[1]	---	---	---	0.48[1]	1.71[1]	---	---	---	0.66[1]	2.41[2]	---	---	---	0.88[1]	3.04[2]

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on the next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

30 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.31	2.19	4.13	5.54	8.36	1.71	2.85	5.30	7.03	10.4	1.92	3.25	5.81	8.01	12.2	2.06	3.38	6.01	8.40	13.3
	16	0.90	1.78	3.74	5.14	7.91	1.27	2.40	4.86	6.60	9.94	1.47	2.78	5.35	7.53	11.7	1.61	2.92	5.57	7.94	12.8
	24	0.13[3]	1.01[4]	3.00	4.39	7.07	0.46[3]	1.55	4.02	5.77	9.06	0.64[4]	1.90	4.50	6.64	10.8	0.77[4]	2.04	4.73	7.05	11.9
9	12	0.92[4]	1.77	3.60	4.94	7.57	1.28	2.36	4.64	6.29	9.46	1.49	2.75	5.19	7.24	11.1	1.63	2.89	5.38	7.67	12.3
	16	0.45[3]	1.29[4]	3.14	4.46	7.03	0.78[4]	1.83	4.11	5.77	8.89	0.97[4]	2.19	4.65	6.67	10.5	1.10	2.33	4.84	7.10	11.7
	24	---	0.42[3]	2.29[3]	3.58[4]	6.02	---	0.87[3]	3.16[4]	4.80	7.83	---	1.17[4]	3.64	5.60	9.44	0.14[3]	1.30[4]	3.85	6.03	10.6
10	12	0.55[3]	1.34[4]	3.05	4.29	6.71	0.87[3]	1.86	3.95	5.50	8.43	1.05[4]	2.22	4.53	6.43	10.0	1.18	2.37	4.70	6.88	11.2
	16	---	0.81[3]	2.53[4]	3.76	6.09	0.32[3]	1.27[3]	3.37[4]	4.90	7.77	0.48[3]	1.60[4]	3.91	5.76	9.29	0.60[3]	1.74	4.09	6.21	10.5
	24	---	---	1.61[3]	2.79[3]	4.96[4]	---	0.24[3]	2.33[3]	3.84[3]	6.58	---	0.48[3]	2.79[3]	4.56[4]	8.04	---	0.60[3]	2.98[3]	4.99	9.20
12	12	---	0.56[3]	1.99[3]	3.02[3]	4.95	0.13[2]	0.94[3]	2.66[3]	3.94[4]	6.33	0.26[3]	1.23[3]	3.16[4]	4.65	7.63	0.37[3]	1.36[3]	3.36[4]	5.14	8.85
	16	---	---	1.43[2]	2.42[3]	4.24[3]	---	0.30[2]	2.02[3]	3.28[3]	5.58[4]	---	0.53[3]	2.46[3]	3.90[3]	6.83	---	0.64[3]	2.65[3]	4.36[4]	8.00
	24	---	---	0.46[1]	1.38[2]	3.02[3]	---	---	0.93[2]	2.13[2]	4.26[3]	---	---	1.25[2]	2.60[3]	5.43[3]	---	---	1.42[2]	2.99[3]	6.51[4]
14	12	---	---	1.13[2]	1.94[3]	3.40[3]	---	0.21[2]	1.60[2]	2.62[3]	4.48[3]	---	0.40[2]	1.97[3]	3.13[3]	5.52[4]	---	0.50[2]	2.20[3]	3.58[3]	6.50
	16	---	---	0.58[1]	1.34[2]	2.70[3]	---	---	0.98[2]	1.97[2]	3.73[3]	---	---	1.28[2]	2.39[3]	4.72[3]	---	---	1.46[2]	2.78[3]	5.63[3]
	24	---	---	---	0.33[1]	1.51[2]	---	---	---	0.86[1]	2.44[2]	---	---	0.10[1]	1.12[2]	3.32[2]	---	---	0.21[1]	1.40[2]	4.13[3]
16	12	---	---	0.50[1]	1.13[2]	2.22[2]	---	---	0.83[1]	1.63[2]	3.04[3]	---	---	1.07[2]	1.97[2]	3.85[3]	---	---	1.27[2]	2.34[3]	4.61[3]
	16	---	---	---	0.57[1]	1.57[2]	---	---	0.26[1]	1.02[1]	2.34[2]	---	---	0.43[1]	1.28[2]	3.09[2]	---	---	0.56[1]	1.57[2]	3.78[3]
	24	---	---	---	---	0.46[1]	---	---	---	---	1.14[1]	---	---	---	0.10[1]	1.79[1]	---	---	---	0.26[1]	2.37[2]

35 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.10	1.98	3.93	5.34	8.13	1.48	2.62	5.07	6.81	10.2	1.69	3.02	5.58	7.77	11.9	1.84	3.15	5.79	8.17	13.1
	16	0.63[4]	1.52	3.49	4.88	7.62	0.99	2.11	4.57	6.32	9.64	1.19	2.48	5.06	7.23	11.4	1.32	2.62	5.28	7.64	12.5
	24	---	0.65[3]	2.66[4]	4.04	6.66	---	1.16[4]	3.63	5.38	8.63	0.25[3]	1.48	4.10	6.21	10.4	0.37[4]	1.62	4.33	6.62	11.5
9	12	0.68[4]	1.52	3.37	4.70	7.29	1.03[4]	2.09	4.37	6.02	9.17	1.22	2.46	4.92	6.95	10.8	1.36	2.60	5.11	7.39	12.0
	16	0.15[3]	0.99[3]	2.84[4]	4.16	6.68	0.47[3]	1.50[4]	3.78	5.43	8.53	0.64[3]	1.84	4.30	6.30	10.2	0.77[4]	1.98	4.50	6.74	11.3
	24	---	---	1.90[3]	3.18[3]	5.55	---	0.43[3]	2.72[3]	4.35[4]	7.33	---	0.70[3]	3.17[4]	5.10	8.92	---	0.83[3]	3.38[4]	5.53	10.1
10	12	0.28[3]	1.07[3]	2.78[4]	4.02	6.39	0.59[3]	1.56[4]	3.65	5.20	8.09	0.76[3]	1.91	4.21	6.09	9.63	0.88[4]	2.05	4.39	6.54	10.8
	16	---	0.48[3]	2.21[3]	3.42[4]	5.70	---	0.91[3]	3.01[4]	4.53	7.36	0.12[3]	1.21[3]	3.52[4]	5.34	8.86	0.23[3]	1.34[4]	3.71	5.79	10.0
	24	---	---	1.19[2]	2.34[3]	4.44[3]	---	---	1.86[3]	3.35[3]	6.02[4]	---	---	2.27[3]	4.01[3]	7.46	---	---	2.47[3]	4.43[4]	8.61
12	12	---	0.26[2]	1.70[3]	2.71[3]	4.59[4]	---	0.61[3]	2.33[3]	3.60[3]	5.94	---	0.87[3]	2.80[3]	4.26[4]	7.22	---	0.99[3]	3.00[3]	4.74	8.42
	16	---	---	1.09[2]	2.05[3]	3.81[3]	---	---	1.64[2]	2.88[3]	5.12[3]	---	0.10[2]	2.03[3]	3.44[3]	6.34[4]	---	0.19[3]	2.22[3]	3.88[3]	7.48
	24	---	---	---	0.91[2]	2.47[2]	---	---	0.45[1]	1.62[2]	3.67[3]	---	---	0.71[2]	2.02[2]	4.80[3]	---	---	0.86[2]	2.38[3]	5.83[3]
14	12	---	---	0.84[2]	1.63[2]	3.04[3]	---	---	1.28[2]	2.29[3]	4.09[3]	---	---	1.61[2]	2.75[3]	5.11[3]	---	0.11[2]	1.82[3]	3.17[3]	6.06[4]
	16	---	---	0.24[1]	0.98[1]	2.28[2]	---	---	0.61[1]	1.57[2]	3.27[3]	---	---	0.86[2]	1.94[2]	4.22[3]	---	---	1.02[2]	2.29[2]	5.10[3]
	24	---	---	---	---	0.98[1]	---	---	---	0.36[1]	1.87[2]	---	---	---	0.56[1]	2.71[2]	---	---	---	0.79[1]	3.47[2]
16	12	---	---	0.24[1]	0.84[1]	1.88[2]	---	---	0.54[1]	1.31[2]	2.68[2]	---	---	0.74[1]	1.61[2]	3.46[3]	---	---	0.90[2]	1.94[2]	4.19[3]
	16	---	---	---	0.23[1]	1.17[1]	---	---	---	0.65[1]	1.91[2]	---	---	---	0.86[1]	2.63[2]	---	---	0.13[1]	1.10[1]	3.28[2]
	24	---	---	---	---	---	---	---	---	---	0.62[1]	---	---	---	---	1.21[1]	---	---	---	---	1.75[1]

40 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.90	1.78	3.74	5.14	7.91	1.27	2.40	4.86	6.60	9.94	1.47	2.78	5.35	7.53	11.7	1.61	2.92	5.57	7.94	12.8
	16	0.38[3]	1.26	3.24	4.64	7.34	0.72[4]	1.83	4.29	6.04	9.35	0.91	2.19	4.78	6.93	11.1	1.04	2.32	5.00	7.34	12.2
	24	---	0.30[3]	2.32[3]	3.69	6.27	---	0.78[3]	3.25[4]	5.00	8.22	---	1.08[4]	3.70	5.79	9.93	---	1.21[4]	3.93	6.21	11.1
9	12	0.45[3]	1.29[4]	3.14	4.46	7.03	0.78[4]	1.83	4.11	5.77	8.89	0.97[4]	2.19	4.65	6.67	10.5	1.10	2.33	4.84	7.10	11.7
	16	---	0.70[3]	2.56[4]	3.87	6.35	0.16[3]	1.18[3]	3.47	5.11	8.17	0.32[3]	1.50[4]	3.97	5.94	9.79	0.45[3]	1.64	4.17	6.38	11.0
	24	---	---	1.53[3]	2.79[3]	5.10[4]	---	---	2.30[3]	3.91[4]	6.85	---	0.25[3]	2.73[3]	4.62[4]	8.42	---	0.37[3]	2.93[3]	5.04	9.56
10	12	---	0.81[3]	2.53[4]	3.76	6.09	0.32[3]	1.27[3]	3.37[4]	4.90	7.77	0.48[3]	1.60[4]	3.91	5.76	9.29	0.60[3]	1.74	4.09	6.21	10.5
	16	---	0.17[3]	1.90[3]	3.10[3]	5.32	---	0.57[3]	2.66[3]	4.18[4]	6.96	---	0.84[3]	3.14[4]	4.94	8.45	---	0.96[3]	3.34[4]	5.39	9.62
	24	---	---	0.80[2]	1.92[3]	3.95[3]	---	---	1.41[2]	2.88[3]	5.50[3]	---	---	1.79[3]	3.48[3]	6.91[4]	---	---	1.98[3]	3.89[3]	8.03
12	12	---	---	1.43[2]	2.42[3]	4.24[3]	---	0.30[2]	2.02[3]	3.28[3]	5.58[4]	---	0.53[3]	2.46[3]	3.90[3]	6.83	---	0.64[3]	2.65[3]	4.36[4]	8.00
	16	---	---	0.76[2]	1.71[2]	3.40[3]	---	---	1.28[2]	2.50[3]	4.68[3]	---	---	1.63[2]	3.01[3]	5.88[4]	---	---	1.81[3]	3.43[3]	6.98[4]
	24	---	---	---	0.48[1]	1.95[2]	---	---	---	1.14[2]	3.12[2]	---	---	0.20[1]	1.47[2]	4.21[3]	---	---	0.34[2]	1.79[2]	5.19[3]
14	12	---	---	0.58[1]	1.34[2]	2.70[3]	---	---	0.98[2]	1.97[2]	3.73[3]	---	---	1.28[2]	2.39[3]	4.72[3]	---	---	1.46[2]	2.78[3]	5.63[3]
	16	---	---	---	0.65[1]	1.88[2]	---	---	0.26[1]	1.21[2]	2.84[2]	---	---	0.47[1]	1.52[2]	3.76[3]	---	---	0.60[1]	1.83[2]	4.61[3]
	24	---	---	---	---	0.49[1]	---	---	---	---	1.34[1]	---	---	---	---	2.13[2]	---	---	---	0.22[1]	2.84[2]
16	12	---	---	---	0.57[1]	1.57[2]	---	---	0.26[1]	1.02[1]	2.34[2]	---	---	0.43[1]	1.28[2]	3.09[2]	---	---	0.56[1]	1.57[2]	3.78[3]
	16	---	---	---	---	0.80[1]	---	---	---	0.31[1]	1.52[1]	---	---	---	0.47[1]	2.19[2]	---	---	---	0.67[1]	2.81[2]
	24	---	---	---	---	---	---	---	---	---	0.13[1]	---	---	---	---	0.68[1]	---	---	---	---	1.16[1]

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

50 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400SR162					400SR200					400SR250					400SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.50[4]	1.39	3.36	4.76	7.48	0.85[4]	1.97	4.43	6.18	9.49	1.05	2.33	4.92	7.08	11.2	1.18	2.47	5.14	7.49	12.4
	16	---	0.77[3]	2.77[4]	4.15	6.80	0.21[3]	1.29[4]	3.76	5.51	8.77	0.38[3]	1.62	4.23	6.35	10.5	0.50[4]	1.76	4.46	6.76	11.6
	24	---	---	1.69[3]	3.03[3]	5.52	---	---	2.53[3]	4.27[4]	7.42	---	0.32[3]	2.95[4]	4.99	9.09	---	0.44[3]	3.18[4]	5.40	10.2
9	12	---	0.84[3]	2.70[4]	4.01	6.51	0.31[3]	1.34[4]	3.62	5.27	8.35	0.48[3]	1.67	4.13	6.12	10.0	0.60[3]	1.80	4.34	6.56	11.1
	16	---	0.15[3]	2.03[3]	3.31[4]	5.71	---	0.57[3]	2.86[3]	4.50	7.49	---	0.86[3]	3.33[4]	5.26	9.09	---	0.98[4]	3.54[4]	5.69	10.2
	24	---	---	0.83[2]	2.05[3]	4.24[3]	---	---	1.50[3]	3.10[3]	5.94[4]	---	---	1.88[3]	3.71[3]	7.46	---	---	2.08[3]	4.11[4]	8.58
10	12	---	0.32[3]	2.05[3]	3.26[3]	5.51	---	0.74[3]	2.83[3]	4.35[4]	7.16	---	1.02[3]	3.33[4]	5.14	8.65	---	1.15[3]	3.52[4]	5.59	9.83
	16	---	---	1.33[3]	2.49[3]	4.61[3]	---	---	2.01[3]	3.51[3]	6.21[4]	---	0.14[3]	2.44[3]	4.19[4]	7.65	---	0.25[3]	2.63[3]	4.61[4]	8.80
	24	---	---	---	1.14[2]	3.03[3]	---	---	0.58[2]	2.01[2]	4.51[3]	---	---	0.88[2]	2.50[3]	5.86[3]	---	---	1.06[2]	2.87[3]	6.95[4]
12	12	---	---	0.92[2]	1.88[2]	3.60[3]	---	---	1.45[2]	2.68[3]	4.89[3]	---	---	1.83[3]	3.22[3]	6.11[4]	---	---	2.01[3]	3.65[3]	7.23
	16	---	---	0.17[1]	1.07[2]	2.65[2]	---	---	0.61[2]	1.79[2]	3.87[3]	---	---	0.88[2]	2.21[2]	5.01[3]	---	---	1.04[2]	2.58[3]	6.05[3]
	24	---	---	---	---	1.00[1]	---	---	---	0.25[1]	2.10[2]	---	---	---	0.46[1]	3.10[2]	---	---	---	0.72[2]	4.00[3]
14	12	---	---	---	0.81[1]	2.08[2]	---	---	0.44[1]	1.39[2]	3.05[2]	---	---	0.66[1]	1.72[2]	3.99[3]	---	---	0.81[2]	2.06[2]	4.85[3]
	16	---	---	---	---	1.15[1]	---	---	---	0.52[1]	2.06[2]	---	---	---	0.74[1]	2.91[2]	---	---	---	0.99[2]	3.68[2]
	24	---	---	---	---	---	---	---	---	---	0.36[1]	---	---	---	---	1.07[1]	---	---	---	---	1.69[1]
16	12	---	---	---	---	0.98[1]	---	---	---	0.48[1]	1.71[1]	---	---	---	0.66[1]	2.41[2]	---	---	---	0.88[1]	3.04[2]
	16	---	---	---	---	0.13[1]	---	---	---	---	0.79[1]	---	---	---	---	1.40[1]	---	---	---	---	1.95[1]
	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

5 psf Lateral Load (Interior Use Only)

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.37	3.57	6.31	8.71	11.7	2.97	4.43	7.84	11.0	15.8	3.16	4.74	8.37	11.8	18.6	3.26	4.91	8.64	12.2	20.0
	16	2.32	3.52	6.26	8.66	11.7	2.92	4.38	7.78	10.9	15.8	3.11	4.69	8.31	11.7	18.6	3.21	4.85	8.59	12.2	19.9
	24	2.23	3.42	6.16	8.56	11.6	2.81	4.27	7.67	10.8	15.7	3.01	4.58	8.20	11.6	18.5	3.11	4.75	8.48	12.0	19.8
9	12	2.33	3.53	6.26	8.66	11.7	2.92	4.38	7.78	10.9	15.6	3.12	4.69	8.32	11.7	18.3	3.22	4.86	8.59	12.2	19.6
	16	2.27	3.46	6.20	8.59	11.6	2.86	4.31	7.71	10.9	15.5	3.05	4.62	8.24	11.6	18.2	3.15	4.79	8.52	12.1	19.5
	24	2.15	3.34	6.07	8.46	11.5	2.73	4.18	7.57	10.7	15.4	2.92	4.48	8.10	11.5	18.1	3.02	4.65	8.38	11.9	19.4
10	12	2.28	3.47	6.21	8.60	11.6	2.87	4.33	7.72	10.9	15.3	3.07	4.64	8.25	11.7	17.9	3.17	4.80	8.53	12.1	19.2
	16	2.21	3.40	6.12	8.51	11.5	2.79	4.24	7.63	10.8	15.2	2.98	4.55	8.16	11.6	17.8	3.08	4.72	8.44	12.0	19.1
	24	2.06	3.24	5.96	8.34	11.4	2.62	4.06	7.44	10.6	15.1	2.82	4.37	7.98	11.4	17.7	2.92	4.54	8.26	11.8	18.9
12	12	2.17	3.35	6.05	8.23	11.4	2.74	4.18	7.54	10.3	14.6	2.94	4.49	8.08	11.4	17.0	3.04	4.66	8.37	11.7	18.1
	16	2.05	3.23	5.92	8.10	11.3	2.61	4.05	7.40	10.2	14.5	2.81	4.36	7.94	11.3	16.8	2.92	4.53	8.23	11.5	18.0
	24	1.84	2.99	5.67	7.83	11.0	2.37	3.79	7.11	9.88	14.2	2.57	4.10	7.65	10.9	16.6	2.68	4.28	7.95	11.2	17.7
14	12	2.02	3.17	5.83	7.71	11.0	2.57	3.99	7.28	9.54	13.6	2.77	4.30	7.84	10.6	15.7	2.88	4.48	8.14	10.9	16.9
	16	1.86	3.00	5.64	7.51	10.8	2.40	3.80	7.06	9.33	13.4	2.60	4.11	7.62	10.4	15.5	2.71	4.30	7.93	10.7	16.6
	24	1.57	2.68	5.27	7.14	10.4	2.07	3.44	6.64	8.94	13.0	2.27	3.75	7.20	9.92	15.1	2.38	3.94	7.52	10.3	16.2
16	12	1.83	2.95	5.42	7.01	10.1	2.36	3.73	6.63	8.59	12.4	2.56	4.05	7.13	9.61	14.3	2.67	4.25	7.42	10.0	15.4
	16	1.64	2.73	5.16	6.75	9.83	2.13	3.48	6.34	8.32	12.1	2.33	3.80	6.85	9.31	14.0	2.45	4.00	7.14	9.76	15.1
	24	1.27[4]	2.32	4.68	6.27	9.33	1.72	3.02	5.81	7.82	11.6	1.91	3.33	6.32	8.75	13.5	2.03	3.53	6.63	9.22	14.5

15 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.09	3.28	6.01	8.40	11.4	2.66	4.11	7.51	10.7	15.5	2.86	4.42	8.04	11.4	18.3	2.96	4.59	8.31	11.9	19.6
	16	1.96	3.13	5.87	8.25	11.3	2.51	3.96	7.35	10.5	15.4	2.71	4.26	7.88	11.3	18.1	2.81	4.43	8.15	11.7	19.4
	24	1.69	2.85	5.57	7.95	11.0	2.22	3.64	7.02	10.2	15.1	2.41	3.95	7.55	10.9	17.8	2.51	4.12	7.83	11.4	19.1
9	12	1.98	3.15	5.87	8.26	11.3	2.53	3.97	7.35	10.5	15.2	2.73	4.28	7.89	11.3	17.9	2.83	4.45	8.17	11.7	19.1
	16	1.80	2.97	5.68	8.06	11.1	2.34	3.77	7.14	10.3	15.0	2.53	4.08	7.67	11.0	17.7	2.64	4.25	7.96	11.5	18.9
	24	1.47	2.61	5.31	7.66	10.7	1.97	3.37	6.73	9.88	14.6	2.16	3.68	7.26	10.6	17.3	2.26	3.85	7.54	11.1	18.4
10	12	1.84	3.00	5.71	8.08	11.1	2.38	3.81	7.17	10.3	14.8	2.58	4.12	7.70	11.1	17.4	2.68	4.29	7.99	11.5	18.6
	16	1.63	2.78	5.47	7.82	10.9	2.15	3.56	6.90	10.1	14.6	2.34	3.86	7.43	10.8	17.1	2.44	4.04	7.72	11.2	18.3
	24	1.22	2.33	5.00	7.33	10.4	1.69	3.07	6.38	9.52	14.1	1.88	3.37	6.91	10.2	16.6	1.98	3.55	7.21	10.7	17.7
12	12	1.53	2.65	5.29	7.44	10.7	2.03	3.41	6.69	9.47	13.8	2.22	3.72	7.23	10.5	16.1	2.33	3.90	7.54	10.8	17.2
	16	1.23	2.33	4.94	7.07	10.3	1.70	3.05	6.29	9.07	13.5	1.88	3.36	6.83	10.0	15.7	1.99	3.54	7.14	10.4	16.8
	24	0.67	1.71	4.27	6.36	9.58	1.08	2.37	5.53	8.32	12.8	1.25	2.66	6.07	9.20	15.0	1.35	2.85	6.38	9.55	16.0
14	12	1.17	2.23	4.75	6.61	9.89	1.62	2.93	6.06	8.38	12.5	1.80	3.24	6.61	9.30	14.6	1.92	3.43	6.94	9.70	15.6
	16	0.79[4]	1.81	4.28	6.12	9.37	1.20	2.46	5.52	7.86	12.0	1.37	2.76	6.06	8.73	14.0	1.48	2.95	6.40	9.14	15.0
	24	0.11[3]	1.04[4]	3.41	5.22	8.41	0.43[3]	1.60[4]	4.53	6.90	11.1	0.57[4]	1.87	5.05	7.66	13.0	0.67[4]	2.05	5.39	8.09	13.9
16	12	0.78[4]	1.76	4.05	5.63	8.63	1.17	2.39	5.10	7.14	11.0	1.35	2.69	5.60	7.99	12.7	1.46	2.89	5.92	8.48	13.7
	16	0.34[3]	1.26[4]	3.48	5.05	8.00	0.68[3]	1.82[4]	4.47	6.53	10.4	0.83[4]	2.10	4.95	7.31	12.1	0.93[4]	2.29	5.27	7.79	13.0
	24	---	0.37[3]	2.48[3]	4.02[4]	6.87	---	0.82[3]	3.36[3]	5.44	9.24	---	1.06[3]	3.81[4]	6.08	10.8	---	1.23[3]	4.11[4]	6.56	11.7

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on the next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

20 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.96	3.13	5.87	8.25	11.3	2.51	3.96	7.35	10.5	15.4	2.71	4.26	7.88	11.3	18.1	2.81	4.43	8.15	11.7	19.4
	16	1.78	2.94	5.67	8.05	11.1	2.32	3.75	7.13	10.3	15.2	2.51	4.05	7.66	11.0	17.9	2.61	4.22	7.94	11.5	19.2
	24	1.43	2.57	5.29	7.65	10.7	1.93	3.34	6.71	9.9	14.8	2.11	3.64	7.23	10.6	17.5	2.22	3.81	7.52	11.0	18.7
9	12	1.80	2.97	5.68	8.06	11.1	2.34	3.77	7.14	10.3	15.0	2.53	4.08	7.67	11.0	17.7	2.64	4.25	7.96	11.5	18.9
	16	1.58	2.73	5.43	7.79	10.8	2.09	3.50	6.86	10.0	14.8	2.28	3.81	7.39	10.7	17.4	2.39	3.98	7.68	11.2	18.6
	24	1.14	2.25	4.94	7.28	10.4	1.61	2.99	6.32	9.47	14.3	1.79	3.28	6.84	10.2	16.8	1.89	3.46	7.14	10.6	18.0
10	12	1.63	2.78	5.47	7.82	10.9	2.15	3.56	6.90	10.1	14.6	2.34	3.86	7.43	10.8	17.1	2.44	4.04	7.72	11.2	18.3
	16	1.35	2.48	5.16	7.49	10.6	1.84	3.23	6.55	9.69	14.3	2.03	3.53	7.08	10.4	16.8	2.13	3.71	7.38	10.9	17.9
	24	0.82	1.90	4.55	6.85	9.94	1.26	2.60	5.87	9.00	13.6	1.43	2.89	6.40	9.66	16.1	1.54	3.07	6.70	10.1	17.2
12	12	1.23	2.33	4.94	7.07	10.3	1.70	3.05	6.29	9.07	13.5	1.88	3.36	6.83	10.0	15.7	1.99	3.54	7.14	10.4	16.8
	16	0.86	1.91	4.48	6.59	9.82	1.28	2.59	5.78	8.56	13.0	1.45	2.89	6.32	9.48	15.2	1.56	3.07	6.63	9.82	16.2
	24	0.16[3]	1.13	3.63	5.69	8.90	0.50[4]	1.73	4.83	7.60	12.1	0.65[4]	2.00	5.34	8.41	14.2	0.75	2.19	5.66	8.78	15.2
14	12	0.79[4]	1.81	4.28	6.12	9.37	1.20	2.46	5.52	7.86	12.0	1.37	2.76	6.06	8.73	14.0	1.48	2.95	6.40	9.14	15.0
	16	0.33[3]	1.28[4]	3.69	5.51	8.72	0.68[4]	1.87	4.85	7.21	11.4	0.83[4]	2.15	5.38	8.00	13.3	0.93	2.34	5.72	8.43	14.3
	24	---	0.34[3]	2.63[3]	4.40[4]	7.52	---	0.82[3]	3.65[4]	6.03	10.2	---	1.06[4]	4.14	6.68	12.0	---	1.23[4]	4.46	7.12	12.9
16	12	0.34[3]	1.26[4]	3.48	5.05	8.00	0.68[3]	1.82[4]	4.47	6.53	10.4	0.83[4]	2.10	4.95	7.31	12.1	0.93[4]	2.29	5.27	7.79	13.0
	16	---	0.65[3]	2.80[3]	4.35[4]	7.23	---	1.14[3]	3.71[4]	5.78	9.60	0.21[3]	1.39[4]	4.17	6.47	11.2	0.29[3]	1.57[4]	4.48	6.95	12.1
	24	---	---	1.61[3]	3.12[3]	5.87[4]	---	---	2.40[3]	4.48[3]	8.25	---	0.14[3]	2.80[3]	4.99[4]	9.73	---	0.28[3]	3.08[3]	5.45[4]	10.5

25 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.82	2.99	5.72	8.10	11.1	2.37	3.80	7.18	10.4	15.2	2.56	4.10	7.71	11.1	18.0	2.66	4.27	7.99	11.5	19.3
	16	1.60	2.76	5.48	7.85	10.9	2.12	3.54	6.92	10.1	15.0	2.31	3.84	7.44	10.8	17.7	2.41	4.02	7.73	11.3	19.0
	24	1.17	2.29	5.00	7.35	10.4	1.64	3.03	6.39	9.56	14.5	1.82	3.33	6.91	10.2	17.2	1.93	3.51	7.20	10.7	18.4
9	12	1.63	2.79	5.50	7.86	10.9	2.15	3.57	6.93	10.1	14.8	2.34	3.87	7.46	10.8	17.5	2.45	4.05	7.75	11.3	18.7
	16	1.36	2.49	5.19	7.53	10.6	1.85	3.24	6.59	9.74	14.5	2.03	3.54	7.12	10.4	17.1	2.14	3.72	7.41	10.9	18.3
	24	0.82	1.91	4.58	6.90	9.99	1.25	2.61	5.92	9.07	13.9	1.43	2.90	6.44	9.72	16.4	1.53	3.08	6.74	10.2	17.5
10	12	1.42	2.55	5.23	7.57	10.6	1.92	3.31	6.64	9.78	14.3	2.10	3.61	7.17	10.5	16.9	2.21	3.79	7.46	11.0	18.0
	16	1.09	2.19	4.85	7.17	10.2	1.55	2.91	6.21	9.34	13.9	1.72	3.21	6.74	10.0	16.4	1.83	3.39	7.04	10.5	17.5
	24	0.44	1.49	4.11	6.38	9.49	0.83	2.14	5.38	8.50	13.2	1.00	2.42	5.90	9.12	15.6	1.10	2.60	6.20	9.60	16.6
12	12	0.95	2.01	4.60	6.71	9.93	1.38	2.70	5.91	8.69	13.1	1.56	3.00	6.44	9.62	15.3	1.67	3.19	6.76	9.95	16.4
	16	0.50[4]	1.51	4.05	6.13	9.35	0.88	2.15	5.29	8.07	12.5	1.04	2.44	5.82	8.94	14.7	1.15	2.62	6.14	9.29	15.7
	24	---	0.59[3]	3.04[4]	5.06	8.25	---	1.12[4]	4.16	6.92	11.4	---	1.38	4.66	7.65	13.5	0.18[4]	1.56	4.97	8.04	14.4
14	12	0.44[3]	1.41	3.83	5.66	8.88	0.80[4]	2.02	5.01	7.37	11.5	0.96	2.30	5.54	8.18	13.5	1.07	2.49	5.88	8.60	14.4
	16	---	0.80[3]	3.14[4]	4.93	8.11	0.19[3]	1.33[4]	4.23	6.60	10.8	0.33[3]	1.59	4.74	7.32	12.6	0.42[3]	1.77	5.07	7.76	13.5
	24	---	---	1.91[3]	3.64[3]	6.70	---	0.10[3]	2.84[3]	5.22[4]	9.41		0.31[3]	3.29[3]	5.78	11.1	---	0.46[3]	3.60[4]	6.22	11.9
16	12	---	0.80[3]	2.96[4]	4.52	7.42	0.23[3]	1.31[3]	3.89[4]	5.96	9.78	0.36[3]	1.56[4]	4.36	6.67	11.4	0.45[3]	1.74[4]	4.67	7.16	12.3
	16	---	0.10[3]	2.18[3]	3.71[3]	6.53	---	0.52[3]	3.03[3]	5.11[4]	8.90	---	0.74[3]	3.46[3]	5.70	10.5	---	0.90[3]	3.76[4]	6.18	11.3
	24	---	---	0.83[2]	2.31[3]	4.96[3]	---	---	1.53[2]	3.61[3]	7.35[3]	---	---	1.88[3]	4.01[3]	8.72[4]	---	---	2.14[3]	4.44[3]	9.36

30 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.69	2.85	5.57	7.95	11.0	2.22	3.64	7.02	10.2	15.1	2.41	3.95	7.55	10.9	17.8	2.51	4.12	7.83	11.4	19.1
	16	1.43	2.57	5.29	7.65	10.7	1.93	3.34	6.71	9.87	14.8	2.11	3.64	7.23	10.6	17.5	2.22	3.81	7.52	11.0	18.7
	24	0.91	2.02	4.72	7.06	10.2	1.36	2.73	6.08	9.25	14.2	1.54	3.03	6.60	9.91	16.9	1.64	3.20	6.89	10.4	18.0
9	12	1.47	2.61	5.31	7.66	10.7	1.97	3.37	6.73	9.88	14.6	2.16	3.68	7.26	10.6	17.3	2.26	3.85	7.54	11.1	18.4
	16	1.14	2.25	4.94	7.28	10.4	1.61	2.99	6.32	9.47	14.3	1.79	3.28	6.84	10.2	16.8	1.89	3.46	7.14	10.6	18.0
	24	0.50	1.57	4.23	6.53	9.64	0.91	2.23	5.53	8.68	13.5	1.07	2.52	6.04	9.30	16.0	1.18	2.70	6.34	9.77	17.1
10	12	1.22	2.33	5.00	7.33	10.4	1.69	3.07	6.38	9.52	14.1	1.88	3.37	6.91	10.2	16.6	1.98	3.55	7.21	10.7	17.7
	16	0.82	1.90	4.55	6.85	9.94	1.26	2.60	5.87	9.00	13.6	1.43	2.89	6.40	9.66	16.1	1.54	3.07	6.70	10.1	17.2
	24	---	1.09	3.68	5.92	9.05	0.43	1.69	4.91	8.02	12.7	0.58	1.97	5.41	8.60	15.1	0.68	2.15	5.72	9.08	16.1
12	12	0.67	1.71	4.27	6.36	9.58	1.08	2.37	5.53	8.32	12.8	1.25	2.66	6.07	9.20	15.0	1.35	2.85	6.38	9.55	16.0
	16	0.16[3]	1.13	3.63	5.69	8.90	0.50[4]	1.73	4.83	7.60	12.1	0.65[4]	2.00	5.34	8.41	14.2	0.75	2.19	5.66	8.78	15.2
	24	---	---	2.48[3]	4.45	7.63	---	0.55[3]	3.52[4]	6.28	10.8	---	0.79[4]	4.00	6.93	12.8	---	0.95[4]	4.31	7.33	13.6
14	12	0.11[3]	1.04[4]	3.41	5.22	8.41	0.43[3]	1.60[4]	4.53	6.90	11.1	0.57[4]	1.87	5.05	7.66	13.0	0.67[4]	2.05	5.39	8.09	13.9
	16	---	0.34[3]	2.63[3]	4.40[4]	7.52	---	0.82[3]	3.65[4]	6.03	10.2	---	1.06[4]	4.14	6.68	12.0	---	1.23[4]	4.46	7.12	12.9
	24	---	---	1.25[3]	2.94[3]	5.93[4]	---	---	2.09[3]	4.47[3]	8.65	---	---	2.50[3]	4.93[4]	10.3	---	---	2.80[3]	5.36[4]	10.9
16	12	---	0.37[3]	2.48[3]	4.02[4]	6.87	---	0.82[3]	3.36[3]	5.44	9.24	---	1.06[3]	3.81[4]	6.08	10.8	---	1.23[3]	4.11[4]	6.56	11.7
	16	---	---	1.61[3]	3.12[3]	5.87[4]	---	---	2.40[3]	4.48[3]	8.25	---	0.14[3]	2.80[3]	4.99[4]	9.73	---	0.28[3]	3.08[3]	5.45[4]	10.5
	24	---	---	0.12[2]	1.56[2]	4.12[3]	---	---	0.73[2]	2.81[3]	6.52[3]	---	---	1.05[2]	3.10[3]	7.79[3]	---	---	1.27[2]	3.51[3]	8.33[4]

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on the next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

35 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.56	2.71	5.43	7.80	10.8	2.07	3.49	6.86	10.0	14.9	2.26	3.79	7.39	10.7	17.7	2.36	3.96	7.67	11.2	18.9
	16	1.25	2.38	5.10	7.45	10.5	1.74	3.13	6.50	9.66	14.6	1.92	3.43	7.02	10.4	17.3	2.02	3.61	7.31	10.8	18.5
	24	0.66	1.75	4.45	6.77	9.9	1.08	2.44	5.78	8.95	13.9	1.25	2.73	6.29	9.58	16.5	1.36	2.90	6.58	10.0	17.7
9	12	1.30	2.43	5.12	7.47	10.5	1.79	3.18	6.52	9.68	14.4	1.97	3.48	7.05	10.4	17.0	2.08	3.66	7.34	10.8	18.2
	16	0.92	2.02	4.70	7.02	10.1	1.37	2.73	6.05	9.21	14.0	1.55	3.03	6.57	9.86	16.6	1.65	3.21	6.87	10.3	17.7
	24	0.20	1.24	3.88	6.16	9.29	0.57	1.87	5.14	8.29	13.2	0.73	2.15	5.65	8.88	15.6	0.83	2.33	5.95	9.36	16.7
10	12	1.02	2.12	4.77	7.09	10.2	1.47	2.83	6.12	9.26	13.9	1.65	3.13	6.65	9.93	16.3	1.76	3.31	6.95	10.4	17.4
	16	0.57	1.63	4.25	6.53	9.64	0.97	2.29	5.54	8.67	13.3	1.14	2.58	6.06	9.30	15.7	1.24	2.76	6.37	9.78	16.8
	24	---	0.70[4]	3.27	5.48	8.61	---	1.26	4.44	7.54	12.3	0.17[4]	1.53	4.94	8.08	14.6	0.27	1.70	5.25	8.57	15.5
12	12	0.41[4]	1.42	3.95	6.02	9.24	0.78	2.04	5.17	7.95	12.4	0.94	2.33	5.70	8.80	14.6	1.05	2.51	6.02	9.16	15.6
	16	---	0.77[4]	3.23	5.27	8.47	0.13[3]	1.32	4.38	7.15	11.7	0.27[4]	1.58	4.88	7.90	13.7	0.37[4]	1.76	5.20	8.28	14.6
	24	---	---	1.94[3]	3.88[4]	7.03	---	---	2.92[3]	5.66	10.2	---	0.22[3]	3.37[4]	6.24	12.1	---	0.37[3]	3.68[4]	6.64	12.9
14	12	---	0.68[3]	3.01[4]	4.80	7.96	---	1.20[4]	4.08	6.45	10.7	0.21[3]	1.45[4]	4.58	7.16	12.5	0.30[3]	1.63	4.92	7.60	13.4
	16	---	---	2.14[3]	3.89[3]	6.97	---	0.33[3]	3.10[3]	5.48[4]	9.68	---	0.55[3]	3.57[4]	6.07	11.4	---	0.71[3]	3.88[4]	6.51	12.2
	24	---	---	0.62[2]	2.28[3]	5.20[3]	---	---	1.38[3]	3.76[3]	7.93[4]	---	---	1.76[3]	4.13[3]	9.45	---	---	2.03[3]	4.55[3]	10.1
16	12	---	---	2.03[3]	3.56[3]	6.36	---	0.37[3]	2.86[3]	4.94[4]	8.74	---	0.59[3]	3.29[3]	5.52[4]	10.3	---	0.74[3]	3.58[4]	5.99	11.1
	16	---	---	1.08[2]	2.57[3]	5.25[3]	---	---	1.81[3]	3.89[3]	7.64[4]	---	---	2.18[3]	4.33[3]	9.05	---	---	2.45[3]	4.77[3]	9.72
	24	---	---	---	0.86[2]	3.34[3]	---	---	---	2.07[2]	5.73[3]	---	---	0.27[2]	2.26[2]	6.92[3]	---	---	0.46[2]	2.64[3]	7.37[3]

40 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.43	2.57	5.29	7.65	10.7	1.93	3.34	6.71	9.87	14.8	2.11	3.64	7.23	10.6	17.5	2.22	3.81	7.52	11.0	18.7
	16	1.08	2.20	4.91	7.25	10.3	1.55	2.93	6.29	9.46	14.4	1.73	3.23	6.81	10.1	17.1	1.83	3.40	7.10	10.6	18.3
	24	0.41	1.49	4.17	6.48	9.60	0.81	2.15	5.47	8.64	13.7	0.97	2.43	5.98	9.25	16.2	1.08	2.61	6.28	9.72	17.3
9	12	1.14	2.25	4.94	7.28	10.4	1.61	2.99	6.32	9.47	14.3	1.79	3.28	6.84	10.2	16.8	1.89	3.46	7.14	10.6	18.0
	16	0.71	1.79	4.46	6.77	9.88	1.14	2.48	5.79	8.94	13.8	1.31	2.77	6.31	9.58	16.3	1.41	2.95	6.60	10.1	17.4
	24	---	0.92	3.54	5.80	8.94	0.24	1.51	4.77	7.91	12.8	0.39	1.79	5.27	8.47	15.2	0.49	1.96	5.57	8.95	16.2
10	12	0.82	1.90	4.55	6.85	9.94	1.26	2.60	5.87	9.00	13.6	1.43	2.89	6.40	9.66	16.1	1.54	3.07	6.70	10.1	17.2
	16	0.32	1.35	3.97	6.23	9.34	0.70	1.99	5.22	8.34	13.0	0.86	2.27	5.74	8.94	15.4	0.96	2.45	6.04	9.43	16.4
	24	---	0.32[4]	2.86	5.04	8.19	---	0.84	3.99	7.07	11.9	---	1.09	4.48	7.58	14.1	---	1.27	4.78	8.07	15.0
12	12	0.16[3]	1.13	3.63	5.69	8.90	0.50[4]	1.73	4.83	7.60	12.1	0.65[4]	2.00	5.34	8.41	14.2	0.75	2.19	5.66	8.78	15.2
	16	---	0.42[3]	2.85[4]	4.85	8.04	---	0.93[4]	3.94	6.70	11.2	---	1.18	4.43	7.41	13.2	---	1.35	4.75	7.80	14.1
	24	---	---	1.42[3]	3.32[3]	6.45	---	---	2.33[3]	5.06[4]	9.62	---	---	2.77[3]	5.57	11.5	---	---	3.06[4]	5.98	12.2
14	12	---	0.34[3]	2.63[3]	4.40[4]	7.52	---	0.82[3]	3.65[4]	6.03	10.22	---	1.06[4]	4.14	6.68	12.0	---	1.23[4]	4.46	7.12	12.9
	16	---	---	1.68[3]	3.40[3]	6.44[4]	---	---	2.58[3]	4.96[4]	9.16	---	---	3.02[3]	5.49[4]	10.8	---	0.21[3]	3.33[3]	5.93	11.6
	24	---	---	---	1.65[2]	4.51[3]	---	---	0.72[2]	3.08[3]	7.24[3]	---	---	1.06[3]	3.38[3]	8.68[4]	---		1.31[3]	3.78[3]	9.22
16	12	---	---	1.61[3]	3.12[3]	5.87[4]	---	---	2.40[3]	4.48[3]	8.25	---	0.14[3]	2.80[3]	4.99[4]	9.73	---	0.28[3]	3.08[3]	5.45[4]	10.5
	16	---	---	0.59[2]	2.05[2]	4.67[3]	---	---	1.26[2]	3.34[3]	7.07[3]	---	---	1.60[3]	3.70[3]	8.40[4]	---	---	1.85[3]	4.12[3]	9.01
	24	---	---	---	0.21[1]	2.60[2]	---	---	---	1.37[2]	5.00[3]	---	---	---	1.47[2]	6.09[3]	---	---	---	1.81[2]	6.45[3]

50 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600SR162					600SR200					600SR250					600SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.17	2.29	5.00	7.35	10.4	1.64	3.03	6.39	9.56	14.5	1.82	3.33	6.91	10.2	17.2	1.93	3.51	7.20	10.7	18.4
	16	0.74	1.84	4.54	6.87	9.97	1.18	2.54	5.88	9.05	14.0	1.35	2.83	6.39	9.69	16.6	1.45	3.00	6.68	10.2	17.8
	24	---	0.96	3.63	5.92	9.07	0.28	1.57	4.88	8.05	13.1	0.43	1.85	5.38	8.61	15.6	0.53	2.03	5.67	9.08	16.7
9	12	0.82	1.91	4.58	6.90	9.99	1.25	2.61	5.92	9.07	13.9	1.43	2.90	6.44	9.72	16.4	1.53	3.08	6.74	10.2	17.5
	16	0.30	1.35	4.00	6.28	9.41	0.68	1.99	5.27	8.42	13.3	0.84	2.27	5.78	9.02	15.8	0.94	2.45	6.08	9.49	16.8
	24	---	0.29[4]	2.88	5.10	8.26	---	0.82	4.03	7.16	12.1	---	1.07	4.52	7.66	14.4	---	1.25	4.81	8.14	15.4
10	12	0.44	1.49	4.11	6.38	9.49	0.83	2.14	5.38	8.50	13.2	1.00	2.42	5.90	9.12	15.6	1.10	2.60	6.20	9.60	16.6
	16	---	0.83	3.40	5.63	8.76	0.16[4]	1.40	4.60	7.70	12.4	0.30	1.67	5.10	8.25	14.7	0.40	1.85	5.40	8.74	15.7
	24	---	---	2.08[4]	4.20	7.36	---	---	3.12	6.17	11.0	---	0.26[4]	3.58	6.61	13.1		0.42	3.88	7.10	13.9
12	12	---	0.59[3]	3.04[4]	5.06	8.25	---	1.12[4]	4.16	6.92	11.4	---	1.38	4.66	7.65	13.5	0.18[4]	1.56	4.97	8.04	14.4
	16	---	---	2.11[3]	4.07[4]	7.23	---	0.18[3]	3.11[4]	5.86	10.4	---	0.40[3]	3.58[4]	6.47	12.3	---	0.56[4]	3.89	6.87	13.1
	24	---	---	0.45[2]	2.27[3]	5.34[4]	---		1.24[3]	3.93[3]	8.50[4]	---	---	1.62[3]	4.30[3]	10.2	---	---	1.90[3]	4.71[4]	10.8
14	12	---	---	1.91[3]	3.64[3]	6.70	---	0.10[3]	2.84[3]	5.22[4]	9.41	---	0.31[3]	3.29[3]	5.78	11.1	---	0.46[3]	3.60[4]	6.22	11.9
	16	---	---	0.83[2]	2.49[3]	5.44[3]	---	---	1.61[3]	3.99[3]	8.17[4]	---	---	2.00[3]	4.39[3]	9.72	---	---	2.28[3]	4.82[4]	10.4
	24	---	---		0.49[2]	3.21[3]	---	---	---	1.83[2]	5.94[3]	---	---	---	1.96[3]	7.23[3]	---	---	---	2.34[3]	7.62[3]
16	12	---	---	0.83[2]	2.31[3]	4.96[3]	---	---	1.53[2]	3.61[3]	7.35[3]	---	---	1.88[3]	4.01[3]	8.72[4]	---	---	2.14[3]	4.44[3]	9.36
	16	---	---	---	1.09[2]	3.59[3]	---	---	0.24[2]	2.31[2]	5.99[3]	---	---	0.52[2]	2.54[3]	7.20[3]	---	---	0.73[2]	2.92[3]	7.68[3]
	24	---	---	---	---	1.24[2]	---	---	---	---	3.63[2]	---	---	---	---	4.56[2]	---	---	---	0.29[2]	4.76[3]

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on the next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

5 psf Lateral Load (Interior Use Only)

Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	3.04	5.30	7.54	12.8	---	3.72	6.49	9.18	15.4	---	3.81	6.66	9.43	15.9	---	4.10	7.16	10.2	17.2
	16	---	3.02	5.27	7.51	12.8	---	3.69	6.46	9.15	15.4	---	3.78	6.63	9.40	15.8	---	4.07	7.13	10.1	17.2
	24	---	2.96	5.22	7.45	12.7	---	3.63	6.40	9.08	15.3	---	3.72	6.57	9.33	15.8	---	4.01	7.06	10.1	17.1
9	12	---	3.02	5.28	7.51	12.8	---	3.70	6.47	9.15	15.4	---	3.79	6.63	9.40	15.9	---	4.08	7.13	10.1	17.2
	16	---	2.98	5.24	7.48	12.7	---	3.66	6.43	9.11	15.3	---	3.75	6.59	9.36	15.8	---	4.03	7.09	10.1	17.1
	24	---	2.91	5.17	7.41	12.6	---	3.58	6.34	9.02	15.2	---	3.67	6.51	9.28	15.7	---	3.95	7.01	10.0	17.1
10	12	---	2.99	5.25	7.49	12.7	---	3.67	6.43	9.12	15.3	---	3.76	6.60	9.37	15.8	---	4.04	7.10	10.1	17.2
	16	---	2.95	5.21	7.44	12.7	---	3.62	6.38	9.06	15.3	---	3.71	6.55	9.32	15.8	---	3.99	7.05	10.1	17.1
	24	---	2.86	5.12	7.35	12.6	---	3.52	6.28	8.96	15.2	---	3.61	6.45	9.21	15.7	---	3.89	6.95	9.94	17.0
12	12	---	2.93	5.18	7.42	12.7	---	3.59	6.36	9.04	15.2	---	3.69	6.53	9.29	15.7	---	3.97	7.02	10.0	17.1
	16	---	2.86	5.12	7.35	12.6	---	3.52	6.28	8.96	15.1	---	3.62	6.45	9.21	15.6	---	3.90	6.95	9.94	17.0
	24	---	2.73	4.99	7.22	12.4	---	3.37	6.13	8.80	15.0	---	3.47	6.31	9.06	15.5	---	3.75	6.80	9.78	16.8
14	12	---	2.85	5.10	7.33	12.6	---	3.50	6.26	8.93	15.1	---	3.60	6.43	9.19	15.6	---	3.88	6.93	9.92	16.9
	16	---	2.76	5.01	7.24	12.5	---	3.40	6.15	8.82	15.0	---	3.50	6.33	9.08	15.5	---	3.78	6.82	9.80	16.8
	24	---	2.58	4.83	7.05	12.3	---	3.19	5.94	8.59	14.7	---	3.30	6.12	8.86	15.2	---	3.57	6.61	9.58	16.6
16	12	---	2.76	5.00	7.22	12.4	---	3.39	6.14	8.79	14.9	---	3.49	6.31	9.06	15.5	---	3.77	6.81	9.78	16.8
	16	---	2.64	4.88	7.09	12.3	---	3.25	5.99	8.64	14.8	---	3.36	6.17	8.90	15.3	---	3.63	6.66	9.63	16.6
	24	---	2.40	4.63	6.83	12.0	---	2.98	5.71	8.33	14.4	---	3.10	5.89	8.60	14.9	---	3.36	6.37	9.32	16.3

15 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.88	5.13	7.37	12.6	---	3.53	6.30	8.98	15.2	---	3.63	6.47	9.24	15.7	---	3.91	6.97	10.0	17.0
	16	---	2.79	5.05	7.29	12.5	---	3.44	6.21	8.88	15.1	---	3.54	6.38	9.14	15.6	---	3.82	6.87	9.87	16.9
	24	---	2.62	4.89	7.12	12.4	---	3.25	6.02	8.69	14.9	---	3.36	6.20	8.95	15.4	---	3.63	6.68	9.67	16.7
9	12	---	2.81	5.07	7.30	12.5	---	3.46	6.22	8.90	15.1	---	3.55	6.40	9.16	15.6	---	3.83	6.89	9.88	16.9
	16	---	2.70	4.96	7.19	12.4	---	3.33	6.10	8.77	15.0	---	3.44	6.28	9.03	15.5	---	3.71	6.77	9.76	16.8
	24	---	2.49	4.75	6.98	12.2	---	3.09	5.86	8.52	14.7	---	3.20	6.05	8.79	15.2	---	3.47	6.52	9.50	16.5
10	12	---	2.73	4.99	7.22	12.4	---	3.36	6.13	8.80	15.0	---	3.47	6.31	9.06	15.5	---	3.74	6.80	9.78	16.8
	16	---	2.59	4.86	7.08	12.3	---	3.21	5.98	8.64	14.8	---	3.32	6.16	8.91	15.3	---	3.59	6.64	9.63	16.6
	24	---	2.33	4.60	6.81	12.0	---	2.92	5.68	8.33	14.5	---	3.03	5.87	8.61	15.0	---	3.29	6.34	9.31	16.3
12	12	---	2.54	4.80	7.02	12.2	---	3.15	5.91	8.56	14.7	---	3.26	6.09	8.83	15.2	---	3.53	6.57	9.55	16.5
	16	---	2.35	4.60	6.82	12.0	---	2.93	5.69	8.33	14.5	---	3.05	5.88	8.60	15.0	---	3.31	6.35	9.31	16.3
	24	---	1.97	4.22	6.42	11.6	---	2.50	5.25	7.86	13.9	---	2.63	5.45	8.15	14.5	---	2.88	5.91	8.85	15.8
14	12	---	2.32	4.56	6.76	11.9	---	2.89	5.63	8.26	14.4	---	3.01	5.82	8.54	14.9	---	3.27	6.29	9.24	16.2
	16	---	2.05	4.29	6.48	11.6	---	2.59	5.32	7.93	14.0	---	2.72	5.52	8.22	14.5	---	2.97	5.98	8.91	15.8
	24	---	1.55	3.78	5.94	11.1	---	2.02	4.72	7.29	13.3	---	2.16	4.94	7.59	13.8	---	2.39	5.38	8.27	15.1
16	12	---	2.05	4.27	6.45	11.6	---	2.59	5.29	7.87	13.9	---	2.71	5.49	8.16	14.4	---	2.96	5.95	8.86	15.7
	16	---	1.72	3.92	6.08	11.2	---	2.20	4.88	7.43	13.4	---	2.34	5.09	7.74	14.0	---	2.58	5.54	8.42	15.2
	24	---	1.07	3.25	5.36	10.4	---	1.47	4.11	6.59	12.4	---	1.63	4.33	6.91	13.0	---	1.83	4.75	7.57	14.3

20 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.79	5.05	7.29	12.5	---	3.44	6.21	8.88	15.1	---	3.54	6.38	9.14	15.6	---	3.82	6.87	9.87	16.9
	16	---	2.68	4.94	7.17	12.4	---	3.31	6.09	8.75	14.9	---	3.42	6.26	9.02	15.4	---	3.69	6.75	9.74	16.8
	24	---	2.46	4.73	6.95	12.2	---	3.06	5.84	8.49	14.7	---	3.17	6.02	8.76	15.2	---	3.44	6.50	9.48	16.5
9	12	---	2.70	4.96	7.19	12.4	---	3.33	6.10	8.77	15.0	---	3.44	6.28	9.03	15.5	---	3.71	6.77	9.76	16.8
	16	---	2.56	4.82	7.05	12.3	---	3.17	5.94	8.61	14.8	---	3.28	6.12	8.87	15.3	---	3.55	6.61	9.59	16.6
	24	---	2.27	4.54	6.76	12.0	---	2.85	5.63	8.27	14.4	---	2.97	5.81	8.55	14.9	---	3.23	6.28	9.25	16.3
10	12	---	2.59	4.86	7.08	12.3	---	3.21	5.98	8.64	14.8	---	3.32	6.16	8.91	15.3	---	3.59	6.64	9.63	16.6
	16	---	2.42	4.68	6.90	12.1	---	3.02	5.78	8.43	14.6	---	3.13	5.97	8.71	15.1	---	3.39	6.44	9.42	16.4
	24	---	2.07	4.34	6.55	11.7	---	2.62	5.39	8.02	14.1	---	2.75	5.58	8.30	14.7	---	3.00	6.04	9.00	16.0
12	12	---	2.35	4.60	6.82	12.0	---	2.93	5.69	8.33	14.5	---	3.05	5.88	8.60	15.0	---	3.31	6.35	9.31	16.3
	16	---	2.10	4.35	6.55	11.7	---	2.65	5.40	8.02	14.1	---	2.77	5.59	8.30	14.7	---	3.02	6.05	9.00	16.0
	24	---	1.60	3.85	6.03	11.2	---	2.08	4.82	7.41	13.4	---	2.22	5.03	7.71	14.0	---	2.45	5.47	8.39	15.3
14	12	---	2.05	4.29	6.48	11.6	---	2.59	5.32	7.93	14.0	---	2.72	5.52	8.22	14.5	---	2.97	5.98	8.91	15.8
	16	---	1.71	3.95	6.12	11.2	---	2.21	4.92	7.50	13.5	---	2.34	5.13	7.80	14.1	---	2.58	5.58	8.48	15.4
	24	---	1.05	3.27	5.41	10.5	---	1.46	4.14	6.66	12.6	---	1.62	4.37	6.98	13.2	---	1.82	4.79	7.64	14.4
16	12	---	1.72	3.92	6.08	11.2	---	2.20	4.88	7.43	13.4	---	2.34	5.09	7.74	14.0	---	2.58	5.54	8.42	15.2
	16	---	1.28	3.47	5.60	10.6	---	1.71	4.36	6.87	12.7	---	1.86	4.58	7.18	13.3	---	2.08	5.01	7.85	14.6
	24	---	0.46[3]	2.61	4.68	9.60	---	0.78[4]	3.37	5.79	11.5	---	0.95	3.61	6.13	12.1	---	1.13	4.00	6.75	13.3

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

[\]*Table 5 continued on the next page.*

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

25 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.71	4.97	7.20	12.4	---	3.34	6.12	8.79	15.0	---	3.45	6.29	9.05	15.5	---	3.72	6.78	9.77	16.8
	16	---	2.57	4.83	7.06	12.3	---	3.19	5.96	8.62	14.8	---	3.29	6.14	8.89	15.3	---	3.56	6.62	9.61	16.6
	24	---	2.29	4.56	6.78	12.0	---	2.87	5.65	8.30	14.5	---	2.99	5.84	8.58	15.0	---	3.25	6.31	9.28	16.3
9	12	---	2.59	4.86	7.08	12.3	---	3.21	5.98	8.65	14.8	---	3.32	6.16	8.91	15.3	---	3.59	6.65	9.63	16.7
	16	---	2.42	4.68	6.90	12.1	---	3.01	5.79	8.44	14.6	---	3.13	5.97	8.71	15.1	---	3.39	6.44	9.42	16.4
	24	---	2.06	4.34	6.55	11.8	---	2.62	5.39	8.02	14.1	---	2.74	5.58	8.31	14.7	---	2.99	6.05	9.01	16.0
10	12	---	2.46	4.73	6.95	12.2	---	3.07	5.83	8.49	14.6	---	3.18	6.02	8.76	15.2	---	3.44	6.49	9.47	16.5
	16	---	2.24	4.51	6.72	11.9	---	2.82	5.58	8.23	14.4	---	2.94	5.77	8.50	14.9	---	3.19	6.24	9.21	16.2
	24	---	1.81	4.08	6.28	11.5	---	2.33	5.09	7.71	13.8	---	2.46	5.30	8.00	14.3	---	2.70	5.75	8.69	15.6
12	12	---	2.16	4.41	6.62	11.8	---	2.72	5.47	8.10	14.2	---	2.84	5.66	8.38	14.7	---	3.09	6.13	9.08	16.0
	16	---	1.84	4.10	6.29	11.5	---	2.36	5.11	7.71	13.8	---	2.50	5.31	8.01	14.3	---	2.74	5.76	8.69	15.6
	24	---	1.23	3.48	5.65	10.8	---	1.67	4.40	6.96	12.9	---	1.82	4.62	7.28	13.5	---	2.04	5.04	7.94	14.8
14	12	---	1.80	4.03	6.21	11.3	---	2.30	5.02	7.60	13.6	---	2.44	5.23	7.90	14.2	---	2.68	5.68	8.59	15.5
	16	---	1.38	3.61	5.76	10.9	---	1.83	4.53	7.08	13.0	---	1.98	4.74	7.39	13.6	---	2.20	5.18	8.06	14.9
	24	---	0.58[4]	2.78	4.89	9.90	---	0.92	3.58	6.05	11.9	---	1.09	3.82	6.39	12.5	---	1.27	4.21	7.02	13.7
16	12	---	1.39	3.58	5.72	10.8	---	1.83	4.49	7.01	12.9	---	1.98	4.71	7.32	13.5	---	2.20	5.14	7.99	14.8
	16	---	0.86[4]	3.04	5.13	10.1	---	1.24	3.86	6.32	12.1	---	1.40	4.09	6.65	12.7	---	1.59	4.49	7.29	14.0
	24	---	---	2.00[3]	4.02	8.86	---	0.12[3]	2.67[4]	5.02	10.6	---	0.31[4]	2.92	5.38	11.2	---	0.45[4]	3.27	5.96	12.4

30 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.62	4.89	7.12	12.4	---	3.25	6.02	8.69	14.9	---	3.36	6.20	8.95	15.4	---	3.63	6.68	9.67	16.7
	16	---	2.46	4.73	6.95	12.2	---	3.06	5.84	8.49	14.7	---	3.17	6.02	8.76	15.2	---	3.44	6.50	9.48	16.5
	24	---	2.12	4.40	6.62	11.8	---	2.69	5.47	8.11	14.2	---	2.81	5.66	8.39	14.8	---	3.06	6.12	9.09	16.1
9	12	---	2.49	4.75	6.98	12.2	---	3.09	5.86	8.52	14.7	---	3.20	6.05	8.79	15.2	---	3.47	6.52	9.50	16.5
	16	---	2.27	4.54	6.76	12.0	---	2.85	5.63	8.27	14.4	---	2.97	5.81	8.55	14.9	---	3.23	6.28	9.25	16.3
	24	---	1.86	4.13	6.34	11.5	---	2.38	5.15	7.78	13.9	---	2.51	5.36	8.07	14.4	---	2.75	5.81	8.76	15.7
10	12	---	2.33	4.60	6.81	12.0	---	2.92	5.68	8.33	14.5	---	3.03	5.87	8.61	15.0	---	3.29	6.34	9.31	16.3
	16	---	2.07	4.34	6.55	11.7	---	2.62	5.39	8.02	14.1	---	2.75	5.58	8.30	14.7	---	3.00	6.04	9.00	16.0
	24	---	1.55	3.83	6.02	11.2	---	2.04	4.80	7.40	13.5	---	2.18	5.01	7.71	14.0	---	2.41	5.45	8.38	15.3
12	12	---	1.97	4.22	6.42	11.6	---	2.50	5.25	7.86	13.9	---	2.63	5.45	8.15	14.5	---	2.88	5.91	8.85	15.8
	16	---	1.60	3.85	6.03	11.2	---	2.08	4.82	7.41	13.4	---	2.22	5.03	7.71	14.0	---	2.45	5.47	8.39	15.3
	24	---	0.87	3.12	5.27	10.4	---	1.26	3.98	6.52	12.4	---	1.43	4.21	6.85	13.0	---	1.63	4.62	7.49	14.3
14	12	---	1.55	3.78	5.94	11.1	---	2.02	4.72	7.29	13.3	---	2.16	4.94	7.59	13.8	---	2.39	5.38	8.27	15.1
	16	---	1.05	3.27	5.41	10.5	---	1.46	4.14	6.66	12.6	---	1.62	4.37	6.98	13.2	---	1.82	4.79	7.64	14.4
	24	---	0.11[3]	2.30	4.38	9.34	---	0.40[4]	3.03	5.46	11.2	---	0.58	3.28	5.81	11.8	---	0.74	3.65	6.42	13.1
16	12	---	1.07	3.25	5.36	10.4	---	1.47	4.11	6.59	12.4	---	1.63	4.33	6.91	13.0	---	1.83	4.75	7.57	14.3
	16	---	0.46[3]	2.61	4.68	9.60	---	0.78[4]	3.37	5.79	11.5	---	0.95	3.61	6.13	12.1	---	1.13	4.00	6.75	13.3
	24	---	---	1.41[3]	3.39[4]	8.15	---	---	2.00[3]	4.28[4]	9.72	---	---	2.26[4]	4.65	10.4	---	---	2.58[4]	5.21	11.6

35 psf Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.54	4.81	7.03	12.3	---	3.16	5.93	8.59	14.8	---	3.26	6.11	8.86	15.3	---	3.53	6.59	9.57	16.6
	16	---	2.35	4.62	6.84	12.1	---	2.94	5.71	8.37	14.5	---	3.05	5.90	8.64	15.0	---	3.31	6.37	9.35	16.4
	24	---	1.96	4.24	6.45	11.7	---	2.50	5.28	7.91	14.0	---	2.63	5.48	8.20	14.6	---	2.87	5.93	8.89	15.9
9	12	---	2.38	4.65	6.87	12.1	---	2.97	5.75	8.40	14.5	---	3.09	5.93	8.67	15.1	---	3.35	6.40	9.38	16.4
	16	---	2.13	4.41	6.62	11.8	---	2.70	5.47	8.11	14.2	---	2.82	5.66	8.39	14.8	---	3.07	6.12	9.09	16.1
	24	---	1.65	3.93	6.13	11.3	---	2.14	4.92	7.53	13.6	---	2.29	5.13	7.83	14.2	---	2.52	5.57	8.51	15.5
10	12	---	2.20	4.47	6.68	11.9	---	2.77	5.54	8.17	14.3	---	2.89	5.73	8.45	14.8	---	3.14	6.19	9.16	16.1
	16	---	1.90	4.17	6.37	11.6	---	2.43	5.19	7.81	13.9	---	2.56	5.39	8.10	14.5	---	2.80	5.85	8.79	15.7
	24	---	1.30	3.57	5.76	10.9	---	1.75	4.51	7.10	13.1	---	1.90	4.73	7.41	13.7	---	2.12	5.16	8.07	15.0
12	12	---	1.78	4.04	6.23	11.4	---	2.29	5.04	7.64	13.7	---	2.43	5.24	7.93	14.2	---	2.66	5.69	8.62	15.5
	16	---	1.35	3.61	5.78	10.9	---	1.81	4.54	7.11	13.1	---	1.96	4.76	7.42	13.7	---	2.17	5.19	8.09	15.0
	24	---	0.52	2.76	4.90	9.96	---	0.87	3.57	6.08	12.0	---	1.04	3.81	6.42	12.6	---	1.22	4.21	7.05	13.8
14	12	---	1.30	3.52	5.67	10.8	---	1.74	4.43	6.97	12.9	---	1.89	4.65	7.29	13.5	---	2.10	5.08	7.95	14.8
	16	---	0.73	2.94	5.06	10.1	---	1.10	3.77	6.25	12.1	---	1.26	4.00	6.59	12.7	---	1.46	4.40	7.23	14.0
	24	---	---	1.84[4]	3.89	8.80	---	---	2.50	4.89	10.5	---	---	2.76	5.25	11.2	---	0.22[4]	3.10	5.83	12.4
16	12	---	0.76[4]	2.93	5.02	9.98	---	1.12	3.73	6.18	11.9	---	1.28	3.97	6.52	12.5	---	1.48	4.37	7.15	13.8
	16	---	---	2.20[4]	4.24	9.11	---	0.34[3]	2.90	5.27	10.9	---	0.52[4]	3.15	5.62	11.5	---	0.67[4]	3.51	6.22	12.7
	24	---	---	0.85[3]	2.78[3]	7.46[4]	---	---	1.35[3]	3.57[4]	8.89	---	---	1.62[3]	3.95[4]	9.58	---	---	1.91[3]	4.47	10.7

[1] Deflection meets L/120. [3] Deflection meets L/360. If no note, deflection meets L/720.
[2] Deflection meets L/240. [4] Deflection meets L/600.

Table 5 continued on the next page.

TABLE 5—COMBINED AXIAL AND LATERAL LOADS (continued)
Allowable Axial Loads Per Stud (kip)

40 psf Lateral Load																					
Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.46	4.73	6.95	12.2	---	3.06	5.84	8.49	14.7	---	3.17	6.02	8.76	15.2	---	3.44	6.50	9.48	16.5
	16	---	2.24	4.51	6.73	11.9	---	2.81	5.59	8.24	14.4	---	2.93	5.78	8.51	14.9	---	3.19	6.25	9.22	16.2
	24	---	1.80	4.08	6.29	11.5	---	2.31	5.10	7.72	13.8	---	2.45	5.30	8.02	14.4	---	2.69	5.75	8.70	15.7
9	12	---	2.27	4.54	6.76	12.0	---	2.85	5.63	8.27	14.4	---	2.97	5.81	8.55	14.9	---	3.23	6.28	9.25	16.3
	16	---	1.99	4.27	6.48	11.7	---	2.54	5.31	7.94	14.1	---	2.67	5.51	8.23	14.6	---	2.91	5.97	8.92	15.9
	24	---	1.44	3.72	5.92	11.1	---	1.91	4.69	7.29	13.3	---	2.06	4.90	7.59	13.9	---	2.28	5.33	8.26	15.2
10	12	---	2.07	4.34	6.55	11.7	---	2.62	5.39	8.02	14.1	---	2.75	5.58	8.30	14.7	---	3.00	6.04	9.00	16.0
	16	---	1.73	4.00	6.20	11.4	---	2.23	5.00	7.61	13.7	---	2.37	5.20	7.91	14.2	---	2.60	5.65	8.59	15.5
	24	---	1.05	3.32	5.50	10.6	---	1.47	4.23	6.80	12.8	---	1.63	4.45	7.12	13.4	---	1.83	4.87	7.77	14.6
12	12	---	1.60	3.85	6.03	11.2	---	2.08	4.82	7.41	13.4	---	2.22	5.03	7.71	14.0	---	2.45	5.47	8.39	15.3
	16	---	1.11	3.36	5.52	10.6	---	1.53	4.26	6.81	12.8	---	1.69	4.48	7.13	13.4	---	1.90	4.90	7.79	14.6
	24	---	0.17[4]	2.41	4.53	9.56	---	0.47	3.17	5.65	11.5	---	0.66	3.42	6.00	12.1	---	0.82	3.79	6.61	13.3
14	12	---	1.05	3.27	5.41	10.5	---	1.46	4.14	6.66	12.6	---	1.62	4.37	6.98	13.2	---	1.82	4.79	7.64	14.4
	16	---	0.42[4]	2.62	4.72	9.71	---	0.75	3.40	5.86	11.6	---	0.92	3.64	6.20	12.3	---	1.10	4.02	6.82	13.5
	24	---	---	1.38[3]	3.40[4]	8.26	---	---	1.98[4]	4.32	9.89	---	---	2.25[4]	4.70	10.6	---	---	2.57	5.26	11.7
16	12	---	0.46[3]	2.61	4.68	9.60	---	0.78[4]	3.37	5.79	11.5	---	0.95	3.61	6.13	12.1	---	1.13	4.00	6.75	13.3
	16	---	---	1.80[3]	3.81[4]	8.62	---	---	2.44[4]	4.77	10.3	---	0.10[3]	2.70[4]	5.13	10.9	---	0.23[4]	3.04	5.71	12.1
	24	---	---	0.30[3]	2.18[3]	6.78[4]	---	---	0.73[3]	2.89[3]	8.08[4]	---	---	1.01[3]	3.28[3]	8.79	---	---	1.26[3]	3.77[4]	9.89
50 psf Lateral Load																					
Wall Height (ft)	Stud Spacing (in.) o.c.	800SR162					800SR200					800SR250					800SR300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	---	2.29	4.56	6.78	12.0	---	2.87	5.65	8.30	14.5	---	2.99	5.84	8.58	15.0	---	3.25	6.31	9.28	16.3
	16	---	2.01	4.29	6.51	11.7	---	2.56	5.34	7.98	14.1	---	2.69	5.54	8.26	14.6	---	2.94	6.00	8.96	15.9
	24	---	1.47	3.76	5.96	11.1	---	1.94	4.73	7.34	13.4	---	2.09	4.94	7.64	14.0	---	2.32	5.38	8.31	15.3
9	12	---	2.06	4.34	6.55	11.8	---	2.62	5.39	8.02	14.1	---	2.74	5.58	8.31	14.7	---	2.99	6.05	9.01	16.0
	16	---	1.72	3.99	6.20	11.4	---	2.22	5.00	7.61	13.7	---	2.36	5.20	7.91	14.3	---	2.60	5.65	8.59	15.5
	24	---	1.03	3.32	5.50	10.7	---	1.45	4.22	6.80	12.8	---	1.61	4.45	7.12	13.4	---	1.82	4.86	7.77	14.7
10	12	---	1.81	4.08	6.28	11.5	---	2.33	5.09	7.71	13.8	---	2.46	5.30	8.00	14.3	---	2.70	5.75	8.69	15.6
	16	---	1.39	3.66	5.85	11.0	---	1.85	4.61	7.20	13.2	---	2.00	4.83	7.51	13.8	---	2.22	5.26	8.18	15.1
	24	---	0.55	2.83	4.99	10.1	---	0.91	3.66	6.20	12.1	---	1.08	3.90	6.54	12.8	---	1.27	4.29	7.16	14.0
12	12	---	1.23	3.48	5.65	10.8	---	1.67	4.40	6.96	12.9	---	1.82	4.62	7.28	13.5	---	2.04	5.04	7.94	14.8
	16	---	0.64	2.88	5.02	10.1	---	1.00	3.71	6.23	12.1	---	1.17	3.95	6.56	12.7	---	1.36	4.34	7.19	14.0
	24	---	---	1.72[4]	3.80	8.78	---	---	2.38	4.81	10.5	---	---	2.65	5.18	11.2	---	---	2.99	5.75	12.4
14	12	---	0.58[4]	2.78	4.89	9.90	---	0.92	3.58	6.05	11.9	---	1.09	3.82	6.39	12.5	---	1.27	4.21	7.02	13.7
	16	---	---	1.99[4]	4.05	8.98	---	---	2.68	5.08	10.8	---	0.25[4]	2.93	5.44	11.4	---	0.39	3.28	6.03	12.6
	24	---	---	0.51[3]	2.46[3]	7.22	---	---	0.98[3]	3.23[4]	8.64	---	---	1.27[3]	3.63[4]	9.35	---	---	1.54[3]	4.14	10.5
16	12	---	---	2.00[3]	4.02	8.86	---	0.12[3]	2.67[4]	5.02	10.6	---	0.31[4]	2.92	5.38	11.2	---	0.45[4]	3.27	5.96	12.4
	16	---	---	1.04[3]	2.98[3]	7.68	---	---	1.57[3]	3.80[4]	9.16	---	---	1.83[3]	4.18[4]	9.85	---	---	2.13[3]	4.72	11.0
	24	---	---		1.05[3]	5.50[3]	---	---	---	1.58[3]	6.55[3]	---	---	---	1.99[3]	7.29[4]	---	---	---	2.41[3]	8.32

[1] Deflection meets L/120.
[2] Deflection meets L/240.
[3] Deflection meets L/360.
[4] Deflection meets L/600.
If no note, deflection meets L/720.

TABLE 6—COMPOSITE LIMITING HEIGHTS (ft-in)

MEMBER	SPACING O.C. (in)	5 (psf)			7.5 (psf)			10 (psf)		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
362SR125-18	12	21-6	17-10	15-7	17-7	15-7	13-7	15-2	14-2	12-4
	16	18-7	16-2	14-2	15-2	14-2	12-4	13-2	12-10	11-2
	24	15-2	14-2	12-4	12-5	12-4	10-7	10-9	10-9	9-6
400SR125-18	12	22-5	18-10	16-5	18-4	16-5	14-4	15-11	14-11	13-1
	16	19-5	17-1	14-11	15-11	14-11	13-1	13-9	13-7	11-10
	24	15-11	14-11	13-1	13-0	13-0	11-4	11-3	11-3	10-2
600SR125-18	12	27-9	24-10	21-8	22-8	21-8	18-11	19-8	19-8	17-2
	16	24-1	22-7	19-8	19-8	19-8	17-2	17-0	17-0	15-7
	24	19-8	19-8	17-2	16-0	16-0	15-0	13-11	13-11	13-6
362SR125-30	12	23-6	18-8	16-3	20-6	16-3	14-3	18-8	14-10	12-11
	16	21-4	16-11	14-10	18-8	14-10	12-11	16-11	13-5	11-9
	24	18-8	14-10	12-11	16-3	12-11	11-2	14-10	11-9	9-11
400SR125-30	12	25-3	20-1	17-6	22-1	17-6	15-4	20-1	15-11	13-11
	16	22-11	18-3	15-11	20-1	15-11	13-11	18-3	14-6	12-8
	24	20-1	15-11	13-11	17-6	13-11	12-2	15-10	12-8	10-11
600SR125-30	12	33-8	26-8	23-4	29-5	23-4	20-5	26-9	21-2	18-6
	16	30-7	23-4	21-2	26-9	21-2	18-6	24-3	19-3	16-10
	24	26-9	21-2	18-6	23-4	18-6	16-2	21-2	16-10	14-7
362SR125-33	12	24-5	19-4	16-11	21-4	16-11	14-9	19-4	15-4	13-5
	16	22-2	17-7	15-4	19-4	15-4	13-5	17-7	14-0	12-2
	24	19-4	15-4	13-5	16-11	13-5	11-9	15-4	12-2	10-5
400SR125-33	12	26-4	20-11	18-3	23-0	18-3	15-11	20-11	16-7	14-6
	16	23-11	19-0	16-7	20-11	16-7	14-6	19-0	15-1	13-2
	24	20-11	16-7	14-6	18-3	14-6	12-8	16-7	13-2	11-5
600SR125-33	12	34-9	27-7	24-1	30-4	24-1	21-1	27-7	21-11	19-1
	16	31-7	25-1	21-11	27-7	21-11	19-1	25-1	19-11	17-4
	24	27-7	21-11	19-1	24-1	19-1	16-9	21-11	17-4	15-1
362SR125-43	12	27-1	21-6	18-10	23-8	18-10	16-5	21-6	17-1	14-11
	16	24-8	19-6	17-1	21-6	17-1	14-11	19-7	15-6	13-6
	24	21-6	17-1	14-11	18-10	14-11	12-11	14-4	13-6	---
400SR125-43	12	29-8	23-7	20-7	25-11	20-7	18-0	23-7	18-8	16-4
	16	26-11	21-5	18-8	23-7	18-8	16-4	21-5	17-0	14-10
	24	23-7	18-8	16-4	20-7	16-4	14-3	18-8	14-10	12-10
600SR125-43	12	38-11	30-11	27-0	34-0	27-0	23-7	30-11	24-6	21-5
	16	35-4	28-1	24-6	30-11	24-6	21-5	28-1	22-3	19-6
	24	30-11	24-6	21-5	27-0	21-5	18-9	22-4	19-6	16-11

FLORIDA SUPPLEMENT

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STUDRITE® STUDS

CSI Sections:

05 40 00 Cold-Formed Metal Framing
05 41 00 Structural Metal Stud Framing
09 22 16.13 Non-Structural Metal Stud Framing

1.0 RECOGNITION

The StudRite® studs, as recognized in IAPMO UES ER-781, have been evaluated for compliance with the following code:

- 2020 Florida Building Code®—Building

StudRite® studs have also been evaluated for and found to be in compliance with the High-Velocity Hurricane Zone provisions of the Florida Building Code®—Building.

2.0 LIMITATIONS

StudRite® studs recognized in IAPMO UES ER-781 and this supplement are subject to the following limitations:

2.1 Design requirements shall be determined in accordance with the Florida Building Code®—Building.

2.2 Use and installation of StudRite® studs shall be in accordance with the 2018 International Building Code® provisions of IAPMO UES ER-781, unless otherwise noted in this supplement.

2.3 Verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission (or the building official when the report holder does not possess an approval by the Commission), to provide oversight and determine that the products are being manufactured as described in this evaluation report to establish continual product performance shall be provided for products falling under Section (5)(d) of Florida Rule 61G20-3.009.

2.4 This supplement expires concurrently with ER-781.

NEW YORK CITY BUILDING CODE SUPPLEMENT

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STUDRITE® STUDS

CSI Sections:

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09 22 16.13 Non-Structural Metal Stud Framing

1.0 RECOGNITION

The StudRite® studs, as recognized in IAPMO UES ER-781, have been evaluated for compliance with the following code:

- 2022 New York City Building Code

2.0 LIMITATIONS

StudRite® studs recognized in IAPMO UES ER-781 and this supplement are subject to the following limitations:

2.1 Design requirements shall be determined in accordance with the New York City Building Code.

2.2 Use and installation of StudRite® studs shall be in accordance with the 2015 International Building Code® provisions of IAPMO UES ER-781, unless otherwise noted in this supplement.

2.3 This supplement expires concurrently with ER-781.