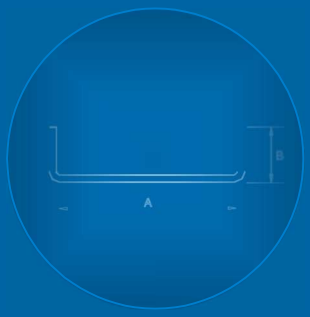
CANADIAN SHEET STEEL BUILDING INSTITUTE

LIGHTWEIGHT STEEL FRAMING

Member Selection Guide and Tables

CSSBI 58-2024



LIGHTWEIGHT STEEL FRAMING
Member Selection Guide and Tables
(Metric and Imperial)

CSSBI 58-2024
August 2024

Prepared for:
CANADIAN SHEET STEEL BUILDING INSTITUTE

Prepared by:
Dr. R.M. Schuster, P.Eng.
Distinguished Professor Emeritus, University of Waterloo

ISBN 978-0-88811-278-1

PREFACE

The material presented has been prepared for the general information of the reader. While the material is believed to be technically correct and in accordance with recognized good practice at the time of publication it should not be used without first securing competent advice with respect to its suitability for any specific application. Neither the *Canadian Sheet Steel Building Institute,* its members, nor Dr. Schuster warrant or assume any liability for the suitability of the material for any general or particular application.

This 2024 edition of the CSSBI 58, contains provisions for both Metric and Imperial unit systems. The Metric system is presented in the first half of the document followed by the Imperial system in the second half. The update includes additional stud (C-section) members, as well as track members mentioned in relevant load tables. Appendix A: Product sizes and specifications, is a recent addition that has been imported from CSSBI 61, Manufacturer Certification Requirement for Cold-formed Steel Framing Members and contains both Metric and Imperial provisions within the chapter including an expanded treatment to production tolerances.

The CSSBI 58-2024, was developed and reviewed by a joint effort of Dr. R. M. Schuster and the CSSBI Lightweight Steel Framing (LSF) committee with consensus received from a balance of industrial and academic representatives.

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General Notes

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GENERAL NOTES

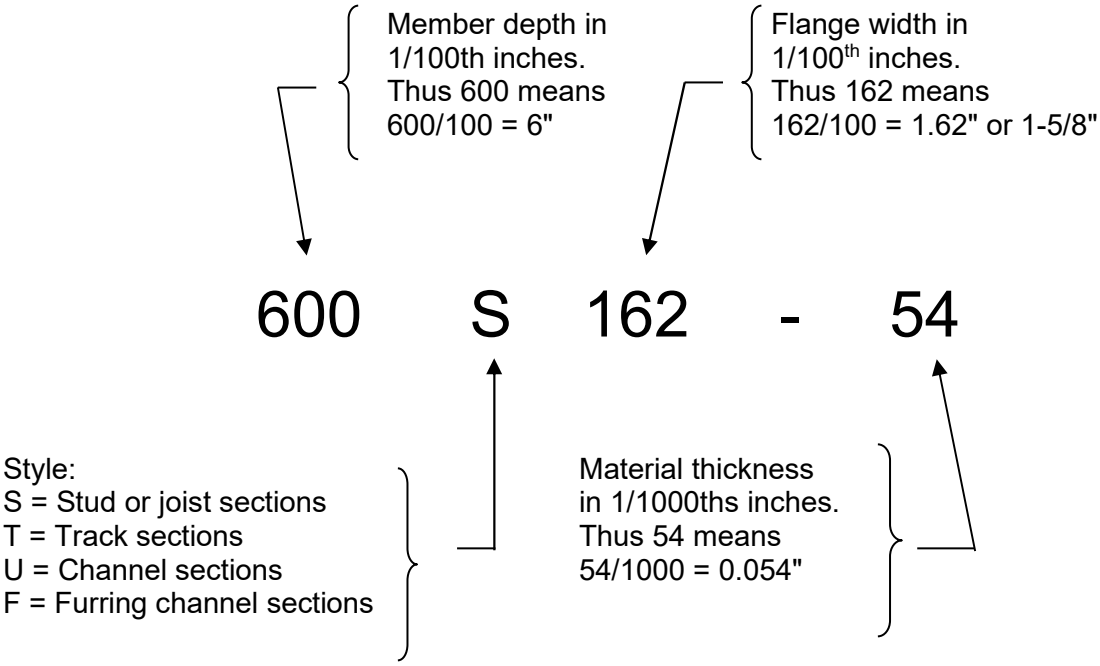
1. INTRODUCTION

The technical data in these reports is intended as an aid to the design professional and should not be used to replace the judgement of a qualified Engineer or Architect.

2. PRODUCT DESIGNATOR

Cold formed steel framing manufacturers use a common designator method for their products. The designator is a four-part code which identifies depth, flange width, member type and material thickness. This designator (based on Imperial units) is used for both SI metric and Imperial units.

Example: 600S162-54



3. MANUFACTURER CERTIFICATION AND PRODUCT MARKING

3.1 **Cold formed steel framing manufacturers who are members of the CSSBI and adhere to the *CSSBI 61:24 Certification of manufacturers of cold-formed steel framing members,* are the only companies that have authorization from the CSSBI to utilize these tables.**

Under the *CSSBI Manufacturer Certification Program*, a participating manufacturer certifies that the designated structural and non-structural cold formed steel (CFS) framing members it produces meet or exceed the relevant ASTM International (ASTM), Canadian Standards Association (CSA) and American Iron and Steel Institute (AISI) standard requirements. The

manufacturer's products are validated through an independent 3rd party review of the products and production practices, by appropriate testing and inspection.

3.2 **Marking:**
Refer to Appendix A, Section A10.

4. SECTION GEOMETRIES

4.1 Section geometries are identified by the product designator method described in Section 2.

4.2 Stud, joist, track and bridging channel members shall be cold formed to shape from sheet steel with a minimum base steel thickness and inside bend radius as follows:

Designation Thickness (Mils)	Minimum Base Steel Thickness (mm)	Base Design Thickness (mm)	Inside Bend Radius, R (mm)
18	0.455	0.478	2.141
33	0.836	0.879	1.941
43	1.087	1.146	1.808
54	1.367	1.438	2.156
68	1.720	1.811	2.715
97	2.454	2.583	3.874

4.3 Stud and joist lip lengths are as follows:

Section	Flange Width, B (mm)	Lip Length, C (mm)
S125	31.8	4.76
S162	41.3	12.7
S200	50.8	15.9
S250	63.5	15.9
S300	76.2	15.9
S350	88.9	25.4

5. SECTION PROPERTIES

5.1 Structural properties are based on Limit States Design (LSD) of the CSA Standard S136-16, *North American Specification for the Design of Cold-Formed Steel Structural Members*, 2016 edition which is the Canadian version of AISI S100-16, North American Specification for the Design of Cold-Formed Steel Structural Members. These two standards are identical.

5.2 Steel shall conform to the requirements of CSA S136-16, AISI S220-20 *North American Standard for Cold-Formed Steel Framing – Non-structural Members* and AISI S240-20 *North American Standard for Cold-Formed Steel Structural Framing.*

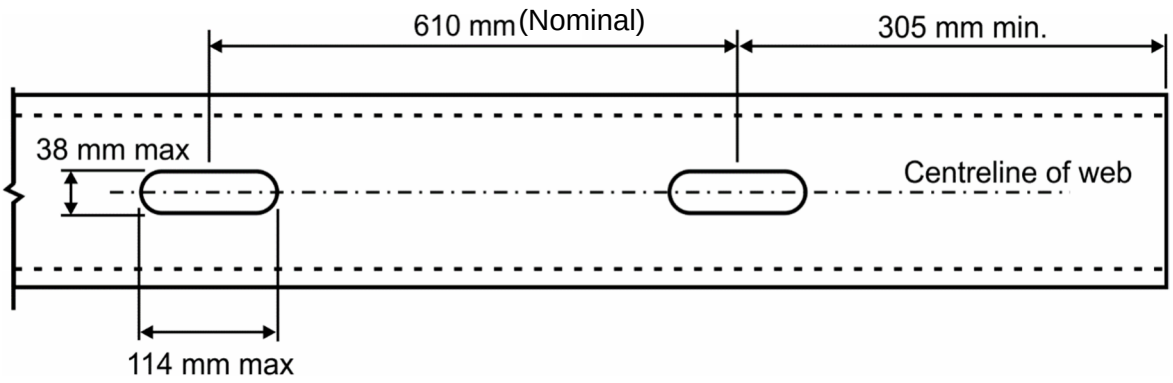
5.3 Products with a thickness designation up to 43 Mils, shall have a minimum yield stress of 230 MPa and products with a thickness designation equal to or greater than 54 Mils, shall have a minimum yield strength of 345 MPa.

5.4 Section properties are computed for the base design thicknesses (exclusive of coating) shown in the tables.

5.5 When provided, factory punchouts shall be located along the centreline of the webs of the members and shall have a centre-to-centre spacing of 610 mm. Punchouts shall have a width not greater than half the member depth or 63.5 mm, whichever is less. Punchouts may not be within 305 mm of stud end. Any configuration or combination of holes that fit within the punch-out width and length limitations stated above shall be permitted; other punch-out configurations and locations not in compliance with the stated limitations must be approved by a design professional.

5.6 Increase in yield stress from cold work of forming has been included whenever applicable.

5.7 The effective moment of inertia for deflection, I_{xd}, is based on local buckling at an assumed specified live load stress of $0.6F_y$. This moment of inertia is only appropriate for checking serviceability limit states.



6. SYMBOLS

Gross Section Properties

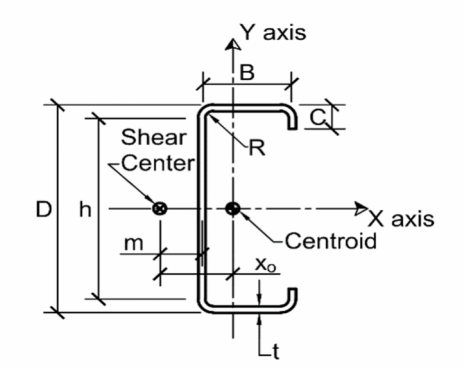
I_x Moment of inertia about x-axis
S_x Section modulus about x-axis
r_x Radius of gyration about x-axis
I_y Moment of inertia about y-axis
r_y Radius of gyration about y-axis

Effective Section Properties

I_{xd} Moment of inertia about x-axis for deflection calculations
S_{xe} Section modulus about x-axis
M_{rxLB} Factored moment resistance about x-axis based on local buckling
M_{rxDB} Factored moment resistance about x-axis based on distortional buckling, assuming $K_\phi = 0$
M_{ryLB} Factored moment resistance about y-axis based on local buckling with web/lip in compression
M_{ryDB} Factored moment resistance about y-axis based on distortional buckling with lip in compression
M_{rxUL} Factored moment resistance based on an unsupported length of 1220 mm
V_{rg} Factored shear resistance along y-axis of un-perforated section
V_{rn} Factored shear resistance along y-axis of perforated section

Torsional Properties and other Terms

J Saint-Venant torsion constant
C_w Torsional warping constant
x_o Distance from shear center to centroid along principle x-axis
m Distance from shear center to mid-plane of web
r_o Polar radius of gyration about shear center
β $1 - (x_o/r_o)^2$
L_u Limiting unbraced length below which lateral-torsional buckling is not considered
$K_\phi = 0$ Rotational stiffness
h Flat depth of web
N Bearing length
F_y Yield stress
F_u Ultimate tensile strength



Web Depth to Thickness Ratios, h/t

Designation Thickness (Mils)	18		33		43		54		68		97	
Base Design Thickness (mm)	0.478		0.879		1.146		1.438		1.811		2.583	
Inside Bend Radius, R (mm)	2.14		1.94		1.81		2.16		2.72		3.87	
Section Depth, D (mm)	h (mm)	h/t	h (mm)	h/t	h (mm)	h/t	h (mm)	h/t	h (mm)	h/t	h (mm)	h/t
41.3	36.1	75.5										
63.5	58.2	122										
92.1	86.9	182	86.4	98.3	86.1	75.2	84.8	59.0	83.1	45.8	79.2	30.6
102	96.3	202 [1]	96.0	109	95.8	83.5	94.5	65.7	92.5	51.1	88.6	34.3
152	147	308 [2]	147	167	147	128	145	101	143	79.2	139	54.0
203			198	225 [1]	197	172	196	136	194	107	190	73.7
254			249	283 [2]	248	217 [1]	247	172	245	135	241	93.3
305							298	207 [1]	296	163	292	113
356							348	242 [1]	346	191	343	133
406									396	219 [1]	394	152

[1] h/t exceeds 200; [2] h/t exceeds 260

7. DESIGN EXAMPLES

7.1 LOAD BEARING WALL STUDS – Concentric load only

Given:

Specified (unfactored) Loads: Axial live load (L) = 20.5 KN/stud
Axial dead load (D) = 9.0 KN/stud

Stud height = 4.4 m
Stud spacing = 400 mm o.c.
Assume studs are braced by bridging only
Select a stud section

Solution:

Factored load combination = 1.25D + 1.5L
C_f = 1.25(9.0) + 1.5(20.5) = *42.0 KN/stud*

Try 600S162-68 studs at 400 mm o.c.

From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 0 kPa factored lateral load
C_r = *45.5 KN/stud*
Since C_r = *45.5 KN/stud* > C_f = *42.0 KN/stud* **∴OK**

Conclusion:

Use ***600S162-68*** section spaced at 400 mm o.c. with 3 bridging lines arranged so that the maximum spacing does not exceed 1.22 m o.c.

7.2 LOAD BEARING WALL STUDS – Combined loading

Given:

Specified (unfactored) Loads: Axial live load (L) = 15.0 KN/stud
Axial dead load (D) = 8.0 KN/stud
Wind load (W) = 1.25 kPa

Stud height = 3.2 m
Stud spacing = 400 mm o.c.
Deflection limit = L/600
Assume studs are braced by bridging only
Select a stud section

Solution:

Try 600S162-54 studs at 400 mm o.c.

1) Dead load only

Factored load combination = 1.4D
C_f (factored axial load) = 1.4D = 1.4(8.0) = *11.2 KN/stud*
From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 0 kPa factored lateral load
C_r = *36.6 KN/stud*
Since C_r = *36.6 KN/stud* > C_f = *11.2 KN/stud* **∴OK**

2) Dead + Wind + Live Load

a) Factored load combination # 1 = 1.25D + 1.5L + 0.4W
W_f (factored wind load) = 0.4W
= 0.4(1.25) = *0.5 kPa*
C_f (factored axial load) = 1.25D + 1.5L
= 1.25(8.0) + 1.5(15.0)
= *32.5 KN/stud*

From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 0.50 kPa factored lateral load
C_r = *33.7 KN/stud*
Since C_r = *33.7 KN/stud* > C_f = *32.5 KN/stud* **∴OK**

b) Factored load combination # 2 = 1.25D + 0.5L + 1.4W
W_f (factored wind load) = 1.4W
= 1.4(1.25) = *1.75 kPa*
C_f (factored axial load) = 1.25D + 0.5L
= 1.25(8.0) + 0.5(15.0)
= *17.5 KN/stud*

From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 1.5 kPa and 2.0 kPa factored lateral load
C_r = *28.2 KN/stud* (for 1.5 kPa)
C_r = *25.5 KN/stud* (for 2.0 kPa)

By interpolation for 1.75 kPa, C_r = *26.9 KN/stud* > *17.5 KN/stud* **∴OK**

3) Web crippling check

From Single Span Curtain Wall Limiting Heights table for a 1.25 kPa specified wind load, web crippling does not control.

4) Deflection check (L/600)

From Single Span Curtain Wall Limiting Heights table, the limiting stud height for a specified wind load of 1.25 kPa and a deflection limit of L/600 is 4.4m.

Since 4.4 m > 3.2 m **∴OK**

Conclusion:

Use ***600S162-54*** section spaced at 400 mm o.c. with 2 bridging lines arranged so that the maximum spacing does not exceed 1.22 m o.c.

7.3 FLOOR JOIST – Single span

FLOOR JOIST – Single span

Given:

Specified (unfactored) Loads: Live load (L) = 2.0 kPa
Dead load (D) = 0.70 kPa

Single span length = 4.8 m
Joist spacing = 400 mm o.c.
Deflection limit = L/360
Select a joist section

Solution:

Strength

Factored load combination = 1.25D + 1.5L
p_f = 1.25(0.70) + 1.5(2.0) = 3.88 kPa

Try 800S162-54 joists at 400 mm o.c.

From Floor Joist Load table, the factored uniformly distributed single span strength resistance = 4.6 kPa
Since *4.6 kPa* > *3.88 kPa* **∴OK**

Deflection

From Floor Joist Load table, the specified uniformly distributed single span L/360 deflection load is 2.3 kPa
Since *2.3 kPa* > *2.0 kPa* **∴OK**

Conclusion:

Use ***800S162-54*** section spaced at 400 mm o.c.
Web stiffeners are not required based on an end bearing length of 89 mm.
If end bearing length is less than 89 mm, web crippling must be checked.

7.4 CURTAIN WALL – Single span

Given:

Specified (unfactored) wind load = 1.5 kPa
Stud height = 3.5 m
Stud spacing = 600 mm o.c.
Deflection limit = L/360
Select a stud section

Solution:

Try 600S162-43 studs at 600 mm o.c.

From Single Span Curtain Wall Limiting Heights table under 1.5 kPa specified wind load, the limiting stud height is 3.7 m

Since *3.7 m* > *3.5 m* **∴OK**

Conclusion:

Use ***600S162-43*** section spaced at 600 mm o.c. Web stiffeners are not required.

7.5 CURTAIN WALL – Double span

Given:

Specified (unfactored) wind load = 2.5 kPa
Stud height = 3 m
Stud spacing = 600 mm o.c.
Deflection limit = L/360
Select a stud section

Solution:

Try 800S162-43 studs at 600 mm o.c.

From Double Span Curtain Wall Limiting Heights table under 2.5 kPa specified wind load, the limiting stud height is 3.1a m

Since *3.1 m* > *3 m* **∴OK**

Conclusion:

Use ***800S162-43*** section spaced at 600 mm o.c. Web stiffeners are required at end and interior supports.

7.6 USE OF WEB CRIPPLING DATA TABLE – Single web member

Given:

Single web C-section
Depth = 203 mm
Designation thickness = 54 mil; Base Design Thickness, t = 1.438 mm
Bearing length, N = 75 mm
Determine the factored end one flange (EOF) web crippling resistance.

Solution:

From the Factored Web Crippling Data table for Single Web Members

P_{eo1} = 1.36 KN; P_{eo2} = 0.48 KN

$$P_{rEOF} = P_{eo1} + P_{eo2}\sqrt{\frac{N}{t}} = 305 + 107\sqrt{\frac{3}{0.0566}} = \underline{1{,}083\text{lb}}$$

Conclusion:

The factored end one flange (EOF) web crippling resistance, P_{rEOF} = ***4.82 KN***.
This value can also be obtained directly from the factored web crippling load table.

C-Section Properties

Table Notes

1. Inside bend radius values are given in the General Notes.
2. Gross section properties are based on the full-unreduced cross section, away from the punch-outs.
3. The factored moment resistance for design is based on the lesser of local and distortional buckling.
4. Distortional buckling is based on an assumed rotational stiffness of $K_\phi = 0$.

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Mass	Area (E+03)	I_x (E+06)	r_x	I_y (E+06)	r_y	V_{rg}	I_{xd} (E+06)	S_{xe} (E+03)	M_{rxLB}^*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	J	C_w (E+06)	x_o	m	r_o	ß	L_u	M_{rxUL}
	(mm)	(mm)	(MPa)	(Kg/m)	(mm^2)	(mm^4)	(mm)	(mm^4)	(mm)	(kN)	(mm^4)	(mm^3)	(kN-m)	(kN-m)	(kN)	(kN-m)	(kN-m)	(kN-m)	(mm^4)	(mm^6)	(mm)	(mm)	(mm)		(mm)	(kN-m)
162S125-18	4.78	0.478	230	0.406	0.0517	0.0157	17.4	0.00666	11.4	1.72	0.0137	0.503	0.103	0.0977	0.565	0.0591	0.0601	0.0501	3.93	2.47	26.1	15.1	33.4	0.388	737	0.0891
162S125-33	4.78	0.879	230	0.737	0.0937	0.0279	17.2	0.0117	11.2	3.42	0.0275	1.13	0.232	0.216	0.596	0.105	0.105	0.112	24.1	4.21	25.7	14.8	32.9	0.391	742	0.206
250S125-18	4.78	0.478	230	0.490	0.0623	0.0413	25.8	0.00774	11.2	1.46	0.0366	0.973	0.199	0.156	1.11	0.0608	0.0675	0.0516	4.74	6.27	23.0	13.8	36.2	0.599	734	0.156
250S125-33	4.78	0.879	230	0.890	0.113	0.0740	25.6	0.0136	10.9	5.55	0.0728	2.05	0.421	0.357	2.27	0.116	0.118	0.116	29.2	10.8	22.5	13.5	35.8	0.605	732	0.357
250S125-43	4.78	1.15	230	1.15	0.146	0.0948	25.5	0.0172	10.8	7.21	0.0938	2.89	0.592	0.507	2.25	0.149	0.149	0.158	64.1	13.5	22.2	13.3	35.5	0.608	732	0.491
250S125-54	4.78	1.44	345	1.42	0.181	0.115	25.2	0.0205	10.6	13.4	0.114	3.42	1.06	0.888	3.22	0.269	0.269	0.284	125	16.2	21.8	13.2	35.0	0.612	589	0.771
250S162-33	12.7	0.879	230	1.13	0.144	0.098	26.1	0.0362	15.8	5.55	0.0979	2.95	0.603	0.576	2.27	0.267	0.278	0.288	37.1	39.2	37.3	21.8	48.2	0.401	1120	0.576
250S162-43	12.7	1.15	230	1.46	0.186	0.126	26.0	0.0462	15.7	7.21	0.126	3.94	0.892	0.799	2.25	0.350	0.355	0.373	81.6	49.5	37.0	21.6	47.9	0.402	1067	0.795
250S162-54	12.7	1.44	345	1.81	0.231	0.154	25.8	0.0561	15.6	13.4	0.154	4.66	1.59	1.41	3.22	0.645	0.651	0.686	159	59.9	36.7	21.5	47.4	0.404	861	1.36
250S162-68	12.7	1.81	345	2.25	0.286	0.187	25.6	0.0676	15.4	16.3	0.187	5.85	2.06	1.81	2.95	0.781	0.781	0.825	313	71.9	36.2	21.2	46.9	0.405	856	1.69
362S125-18	4.78	0.478	230	0.597	0.0760	0.0973	35.8	0.00870	10.7	0.983	0.0873	1.22	0.251	0.234	0.930	0.0610	0.0694	0.0537	5.77	14.5	20.0	12.4	42.3	0.778	732	0.216
362S125-33	4.78	0.879	230	1.09	0.138	0.175	35.6	0.0152	10.5	5.82	0.172	2.98	0.610	0.552	2.97	0.117	0.122	0.122	35.6	25.2	19.5	12.2	41.9	0.783	724	0.528
362S125-43	4.78	1.15	230	1.41	0.179	0.225	35.4	0.0193	10.4	9.89	0.223	4.40	0.901	0.797	3.84	0.152	0.154	0.165	78.4	31.6	19.3	12.0	41.6	0.786	721	0.740
362S125-54	4.78	1.44	345	1.74	0.222	0.275	35.2	0.0230	10.2	19.2	0.273	5.26	1.63	1.41	5.78	0.275	0.277	0.297	153	38.1	18.9	11.8	41.2	0.790	579	1.15
362S162-33	12.7	0.879	230	1.33	0.169	0.229	36.8	0.0413	15.6	5.82	0.229	4.39	0.898	0.880	2.97	0.269	0.286	0.298	43.5	79.7	33.2	20.0	52.0	0.592	1082	0.879
362S162-43	12.7	1.15	230	1.72	0.219	0.296	36.7	0.0528	15.5	9.89	0.296	6.10	1.25	1.23	3.84	0.354	0.365	0.391	95.9	101	32.9	19.9	51.7	0.594	1080	1.21
362S162-54	12.7	1.44	345	2.14	0.272	0.363	36.5	0.0642	15.3	19.2	0.363	7.26	2.25	2.18	5.78	0.653	0.671	0.720	188	123	32.6	19.7	51.3	0.597	874	2.08
362S162-68	12.7	1.81	345	2.65	0.338	0.445	36.3	0.0774	15.1	24.9	0.445	9.41	2.92	2.87	5.72	0.804	0.806	0.867	369	148	32.1	19.4	50.8	0.600	874	2.64
362S162-97	12.7	2.58	345	3.67	0.467	0.597	35.8	0.100	14.7	33.8	0.597	12.7	4.68	4.68	4.98	1.04	1.04	1.12	1039	194	31.1	18.9	49.6	0.606	800	3.58
362S200-33	15.9	0.879	230	1.50	0.191	0.270	37.5	0.0736	19.6	5.82	0.265	4.82	0.986	1.01	2.97	0.405	0.416	0.428	49.3	155	44.2	26.2	61.2	0.478	1359	0.986
362S200-43	15.9	1.15	230	1.95	0.248	0.348	37.4	0.0944	19.5	9.89	0.348	6.99	1.43	1.42	3.84	0.535	0.556	0.597	109	197	43.9	26.0	60.9	0.480	1359	1.42
362S200-54	15.9	1.44	345	2.42	0.309	0.429	37.3	0.115	19.3	19.2	0.429	8.01	2.49	2.51	5.78	0.994	1.03	1.06	213	240	43.6	25.8	60.5	0.482	1100	2.45
362S200-68	15.9	1.81	345	3.01	0.384	0.527	37.0	0.140	19.1	24.9	0.527	10.9	3.39	3.33	5.72	1.24	1.25	1.34	420	292	43.1	25.6	59.9	0.484	1100	3.32
362S200-97	15.9	2.58	345	4.18	0.533	0.713	36.6	0.186	18.7	33.8	0.712	15.2	5.43	5.45	4.98	1.63	1.63	1.77	1185	387	42.1	25.0	58.8	0.487	1026	4.62
362S250-33	15.9	0.879	230	1.68	0.214	0.316	38.5	0.125	24.2	5.82	0.298	5.16	1.06	1.08	2.97	0.557	0.576	0.529	55.0	259	56.2	32.6	72.2	0.395	1628	1.06
362S250-43	15.9	1.15	230	2.18	0.277	0.408	38.4	0.160	24.0	9.89	0.405	7.36	1.51	1.54	3.84	0.738	0.768	0.749	121	330	55.9	32.4	71.9	0.396	1628	1.51
362S250-54	15.9	1.44	345	2.71	0.345	0.504	38.2	0.197	23.9	19.2	0.483	8.42	2.61	2.69	5.78	1.38	1.43	1.32	238	404	55.5	32.2	71.5	0.397	1318	2.61
362S250-68	15.9	1.81	345	3.37	0.430	0.620	38.0	0.240	23.6	24.9	0.614	11.3	3.50	3.59	5.72	1.72	1.74	1.76	470	493	55.0	32.0	70.9	0.398	1321	3.50
362S250-97	15.9	2.58	345	4.70	0.598	0.844	37.6	0.322	23.2	33.8	0.844	17.1	5.98	5.50	4.98	2.30	2.30	2.52	1331	658	54.0	31.5	69.7	0.401	1252	5.36
362S300-33[3]	15.9	0.879	230	1.85	0.236	0.363	39.2	0.193	28.6	5.82	0.325	5.37	1.10	1.13	2.97	0.728	0.756	0.626	60.8	397	68.2	39.0	83.7	0.336	1885	1.10
362S300-43[3]	15.9	1.15	230	2.41	0.307	0.468	39.1	0.248	28.4	9.89	0.441	7.52	1.54	1.62	3.84	0.966	1.01	0.894	134	507	67.9	38.9	83.4	0.336	1887	1.54
362S300-54	15.9	1.44	345	3.00	0.382	0.579	38.9	0.305	28.3	19.2	0.525	8.66	2.69	2.82	5.78	1.81	1.87	1.57	263	622	67.5	38.7	82.9	0.337	1529	2.69
362S300-68	15.9	1.81	345	3.74	0.476	0.714	38.7	0.375	28.1	24.9	0.675	11.7	3.64	3.81	5.72	2.27	2.29	2.12	520	761	67.1	38.4	82.4	0.337	1532	3.64
362S300-97	15.9	2.58	345	5.21	0.664	0.975	38.3	0.505	27.6	33.8	0.960	18.8	5.84	5.91	4.98	3.07	3.07	3.27	1477	1021	66.0	37.9	81.2	0.338	1544	5.84
400S125-18[1]	4.78	0.478	230	0.632	0.0805	0.123	39.0	0.00891	10.5	0.885	0.110	1.36	0.278	0.261	0.885	0.0612	0.0710	0.0543	6.12	18.1	19.2	12.1	44.7	0.817	729	0.240
400S125-33	4.78	0.879	230	1.15	0.147	0.221	38.8	0.0157	10.3	5.54	0.217	3.32	0.681	0.619	3.38	0.118	0.125	0.123	37.8	31.6	18.7	11.8	44.3	0.821	721	0.588
400S125-43	4.78	1.15	230	1.49	0.190	0.284	38.7	0.0198	10.2	9.89	0.281	4.94	1.01	0.897	4.61	0.154	0.158	0.166	83.2	39.7	18.5	11.7	44.0	0.824	716	0.826
400S125-54	4.78	1.44	345	1.85	0.236	0.348	38.4	0.0236	10.0	19.2	0.344	5.91	1.83	1.59	6.96	0.278	0.284	0.301	162	47.9	18.1	11.5	43.6	0.828	577	1.27
400S162-33	12.7	0.879	230	1.39	0.177	0.288	40.3	0.0427	15.5	5.54	0.288	4.89	1.00	0.984	3.38	0.270	0.293	0.302	45.7	97.4	32.1	19.5	53.8	0.644	1074	0.980
400S162-43	12.7	1.15	230	1.81	0.230	0.371	40.2	0.0546	15.4	9.89	0.371	6.83	1.40	1.39	4.61	0.356	0.374	0.395	101	123	31.8	19.3	53.5	0.647	1069	1.35
400S162-54	12.7	1.44	345	2.24	0.286	0.457	40.0	0.0663	15.2	19.2	0.457	8.15	2.53	2.45	6.96	0.658	0.687	0.728	197	150	31.4	19.2	53.1	0.649	864	2.33
400S162-68	12.7	1.81	345	2.79	0.355	0.560	39.7	0.0800	15.0	27.7	0.560	10.6	3.30	3.24	7.72	0.815	0.825	0.877	388	182	31.0	18.9	52.6	0.653	864	2.96

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Mass	Area (E+03)	I_x (E+06)	r_x	I_y (E+06)	r_y	V_{rg}	I_{xd} (E+06)	S_{xe} (E+03)	M_{rxLB} *	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	J	C_w (E+06)	x_o	m	r_o	ß	L_u	M_{rxUL}
	(mm)	(mm)	(MPa)	(Kg/m)	(mm^2)	(mm^4)	(mm)	(mm^4)	(mm)	(kN)	(mm^4)	(mm^3)	(kN-m)	(kN-m)	(kN)	(kN-m)	(kN-m)	(kN-m)	(mm^4)	(mm^6)	(mm)	(mm)	(mm)		(mm)	(kN-m)
400S162-97	12.7	2.58	345	3.86	0.492	0.755	39.2	0.104	14.5	37.9	0.755	14.6	5.38	5.38	6.87	1.06	1.06	1.14	1094	239	30.0	18.4	51.5	0.660	790	4.09
400S200-33	15.9	0.879	230	1.57	0.200	0.338	41.1	0.0762	19.5	5.54	0.332	5.38	1.10	1.13	3.38	0.406	0.426	0.432	51.4	187	42.9	25.6	62.5	0.530	1349	1.10
400S200-43	15.9	1.15	230	2.03	0.259	0.436	41.0	0.0977	19.4	9.89	0.436	7.83	1.60	1.59	4.61	0.539	0.569	0.601	113	238	42.6	25.4	62.2	0.532	1346	1.59
400S200-54	15.9	1.44	345	2.53	0.322	0.538	40.8	0.120	19.3	19.2	0.538	8.98	2.79	2.81	6.96	1.00	1.05	1.07	222	291	42.2	25.2	61.8	0.534	1090	2.75
400S200-68	15.9	1.81	345	3.15	0.401	0.662	40.6	0.145	19.1	27.7	0.661	12.3	3.81	3.74	7.72	1.25	1.28	1.37	439	354	41.7	25.0	61.3	0.536	1090	3.73
400S200-97	15.9	2.58	345	4.37	0.557	0.897	40.1	0.193	18.6	37.9	0.897	17.4	6.23	6.23	6.87	1.68	1.68	1.80	1240	470	40.8	24.5	60.1	0.541	1013	5.27
400S250-33[3]	15.9	0.879	230	1.74	0.222	0.395	42.2	0.129	24.1	5.54	0.372	5.76	1.18	1.20	3.38	0.559	0.591	0.532	57.2	313	54.6	32.0	73.1	0.441	1618	1.18
400S250-43	15.9	1.15	230	2.26	0.288	0.509	42.0	0.166	24.0	9.89	0.506	8.23	1.69	1.71	4.61	0.743	0.787	0.752	126	399	54.3	31.8	72.8	0.443	1615	1.69
400S250-54	15.9	1.44	345	2.82	0.359	0.629	41.9	0.204	23.8	19.2	0.603	9.43	2.93	2.99	6.96	1.39	1.46	1.33	247	489	53.9	31.6	72.3	0.444	1308	2.93
400S250-68	15.9	1.81	345	3.51	0.447	0.776	41.7	0.249	23.6	27.7	0.767	12.7	3.94	4.02	7.72	1.74	1.78	1.77	489	598	53.5	31.4	71.8	0.445	1311	3.94
400S250-97	15.9	2.58	345	4.89	0.623	1.06	41.2	0.334	23.1	37.9	1.06	19.5	6.80	6.19	6.87	2.37	2.37	2.55	1385	800	52.5	30.8	70.6	0.448	1240	6.11
400S300-33[3]	15.9	0.879	230	1.92	0.244	0.451	43.0	0.200	28.6	5.54	0.406	5.99	1.23	1.24	3.38	0.731	0.776	0.628	62.9	479	66.6	38.4	84.2	0.375	1877	1.23
400S300-43[3]	15.9	1.15	230	2.49	0.317	0.583	42.8	0.257	28.4	9.89	0.550	8.41	1.72	1.79	4.61	0.972	1.03	0.898	139	613	66.2	38.2	83.9	0.376	1877	1.72
400S300-54	15.9	1.44	345	3.10	0.395	0.721	42.7	0.316	28.3	19.2	0.654	9.69	3.01	3.14	6.96	1.82	1.92	1.58	272	752	65.9	38.0	83.4	0.377	1519	3.01
400S300-68	15.9	1.81	345	3.87	0.493	0.891	42.5	0.388	28.1	27.7	0.842	13.2	4.09	4.24	7.72	2.30	2.35	2.14	539	922	65.4	37.7	82.9	0.378	1521	4.09
400S300-97	15.9	2.58	345	5.40	0.689	1.22	42.1	0.524	27.6	37.9	1.20	21.4	6.64	6.61	6.87	3.15	3.15	3.29	1531	1240	64.4	37.2	81.7	0.379	1532	6.61

* Cold work of forming was considered as per Section A3.3.2.

[1] Web depth to thickness ratio, h/t, exceeds 200. Web stiffeners are required at all support points and concentrated load.

[2] h/t exceeds 260; [3] Flange width-to-thickness ratio exceeds 60.

M_{rxUL} = Factored moment resistance based on an unsupported length of 1220 mm.

C-Section Properties

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Mass	Area (E+03)	I_x (E+06)	r_x	I_y (E+06)	r_y	V_{rg}	I_{xd} (E+06)	S_{xe} (E+03)	M_{rxLB} *	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	J	C_w (E+06)	x_o	m	r_o	ß	L_u	M_{rxUL}
	(mm)	(mm)	(MPa)	(Kg/m)	(mm^2)	(mm^4)	(mm)	(mm^4)	(mm)	(kN)	(mm^4)	(mm^3)	(kN-m)	(kN-m)	(kN)	(kN-m)	(kN-m)	(kN-m)	(mm^4)	(mm^6)	(mm)	(mm)	(mm)		(mm)	(kN-m)
600S125-18[2]	4.78	0.478	230	0.82	0.105	0.24	55.6	0.00986	9.7	0.58	0.255	2.37	0.49	0.390	0.58	0.0616	0.0757	0.0566	7.96	46.1	15.8	10.4	58.6	0.927	709	0.390
600S125-33	4.78	0.879	230	1.503	0.191	0.5867	55.4	0.01732	9.5	3.63	0.5597	6.050	1.239	0.9717	3.625	0.1195	0.1332	0.1277	49.28	80.60	15.4	10.1	58.3	0.930	699	0.9713
600S125-43	4.78	1.146	230	1.949	0.248	0.7564	55.2	0.0219	9.4	8.04	0.7467	9.08	1.860	1.435	7.046	0.157	0.168	0.173	108.6	101.55	15.2	10.0	58.0	0.931	693	1.440
600S125-54	4.78	1.438	345	2.423	0.309	0.9308	54.9	0.02606	9.2	16.04	0.9221	11.019	3.419	2.59	11.06	0.2848	0.3039	0.3118	212.68	122.75	14.9	9.8	57.6	0.933	556	2.231
600S162-33	12.70	0.879	230	1.744	0.222	0.7464	58.0	0.0484	14.8	3.63	0.7462	9.46	1.937	1.55	3.63	0.273	0.313	0.322	57.2	231.3	27.2	17.2	65.7	0.828	1044	1.543
600S162-43	12.70	1.15	230	2.26	0.288	0.9641	57.8	0.0618	14.6	8.04	0.9639	12.57	2.836	2.20	7.05	0.362	0.400	0.411	126.1	294.1	27.0	17.0	65.5	0.830	988	2.205
600S162-54	12.70	1.44	345	2.82	0.359	1.191	57.6	0.0751	14.5	16.0	1.191	15.00	5.15	3.91	11.06	0.670	0.737	0.757	247	359.1	26.6	16.8	65.1	0.833	795	3.908
600S162-68	12.7	1.811	345	3.51	0.447	1.467	57.3	0.0907	14.2	30.44	1.4670	19.06	6.700	5.276	16.38	0.836	0.889	0.914	488.8	436.6	26.2	16.6	64.6	0.835	782	5.238
600S162-97	12.7	2.58	345	4.89	0.623	1.997	56.6	0.1179	13.8	59.62	1.997	26.20	9.638	8.07	21.67	1.132	1.152	1.186	1385.5	578.2	25.3	16.2	63.5	0.841	754	7.124
600S200-33	15.9	0.88	230	1.92	0.244	0.864	59.4	0.0871	18.9	3.6	0.850	10.17	2.08	1.77	3.63	0.410	0.459	0.449	63	427.9	37.0	22.9	72.5	0.740	1311	1.77
600S200-43	15.9	1.15	230	2.49	0.317	1.117	59.3	0.1117	18.8	8.0	1.117	14.29	2.93	2.52	7.05	0.547	0.613	0.626	139	546.0	36.7	22.7	72.2	0.742	1306	2.52
600S200-54	15.88	1.438	345	3.104	0.395	1.3818	59.1	0.13673	18.6	16.040	1.382	16.62	5.158	4.463	11.06	1.0183	1.136	1.1152	272.42	669.3	36.4	22.5	71.9	0.744	1054	4.462
600S200-68	15.88	1.811	345	3.87	0.493	1.707	58.8	0.1665	18.4	30.44	1.707	21.57	7.423	6.022	16.38	1.283	1.381	1.424	539.1	818.1	35.9	22.3	71.3	0.746	998	6.019
600S200-97	15.88	2.58	345	5.40	0.689	2.336	58.2	0.2207	17.9	59.62	2.336	30.65	10.960	9.333	21.67	1.779	1.826	1.887	1531.4	1095.7	35.0	21.8	70.3	0.752	973	9.144
600S250-33[3]	15.88	0.88	230	2.09	0.267	0.992	61.0	0.1482	23.6	3.6	0.941	10.63	2.18	1.85	3.63	0.565	0.641	0.547	69	715.9	47.9	29.0	81.1	0.651	1588	1.85
600S250-43	15.9	1.146	230	2.72	0.347	1.283	60.9	0.1905	23.4	8.04	1.274	15.04	3.079	2.666	7.05	0.754	0.854	0.776	151.6	915.9	47.6	28.9	80.7	0.652	1582	2.661
600S250-54	15.9	1.44	345	3.39	0.432	1.590	60.7	0.2341	23.3	16.04	1.524	17.51	5.43	4.69	11.06	1.409	1.588	1.378	297.6	1126	47.2	28.7	80.3	0.654	1280	4.69
600S250-68	15.9	1.81	345	4.23	0.539	1.968	60.4	0.2865	23.1	30.4	1.942	22.70	7.04	6.36	16.38	1.785	1.940	1.842	589	1382	46.8	28.4	79.8	0.657	1278	6.36
600S250-97	15.9	2.58	345	5.92	0.754	2.704	59.9	0.3843	22.6	59.6	2.704	33.80	11.75	10.02	21.67	2.512	2.593	2.689	1677	1865	45.8	27.9	78.7	0.661	1199	10.02
600S300-33[3]	15.9	0.88	230	2.27	0.289	1.120	62.3	0.230	28.2	3.6	1.018	10.9	2.22	1.90	3.63	0.74	0.85	0.64	74	1097	59.1	35.2	90.3	0.572	1854	1.90
600S300-43[3]	15.9	1.146	230	2.95	0.376	1.450	62.1	0.2957	28.1	8.04	1.373	15.48	3.169	2.76	7.05	0.986	1.125	0.919	164.3	1406	58.8	35.1	90.0	0.574	1849	2.752
600S300-54	15.9	1.44	345	3.68	0.468	1.798	62.0	0.3643	27.9	16.04	1.639	18.12	5.62	4.85	11.06	1.848	2.097	1.616	323	1733	58.4	34.8	89.6	0.575	1499	4.85
600S300-68	15.9	1.81	345	4.59	0.585	2.229	61.7	0.448	27.7	30.4	2.107	23.69	7.35	6.61	16.38	2.351	2.57	2.19	640	2131	57.9	34.6	89.1	0.577	1496	6.61
600S300-97	15.9	2.58	345	6.43	0.820	3.073	61.2	0.605	27.2	59.6	3.018	36.8	11.42	10.53	21.67	3.34	3.46	3.42	1823	2894	56.9	34.1	87.9	0.581	1494	10.52
600S350-54	25.4	1.44	345	4.18	0.532	2.091	62.7	0.621	34.1	16.0	1.939	21.9	6.79	5.99	11.06	2.80	2.97	2.61	367	3475	77.1	45.4	105.1	0.461	1887	5.99
600S350-68	25.4	1.811	345	5.22	0.666	2.596	62.5	0.766	33.9	30.44	2.528	29.00	9.00	8.16	16.38	3.668	3.937	3.495	727.7	4288	76.7	45.1	104.5	0.462	1887	8.16
600S350-97	25.4	2.58	345	7.34	0.935	3.593	62.0	1.048	33.5	59.62	3.593	42.46	13.18	12.93	21.67	5.267	5.524	5.489	2079	5857	75.7	44.6	103.4	0.464	1887	12.93
800S125-33[1]	4.8	0.88	230	1.85	0.236	1.200	71.3	0.018	8.8	2.7	1.085	8.30	1.70	1.28	2.69	0.12	0.14	0.13	61	156	13.2	8.9	73.0	0.967	676	1.28
800S125-43	4.8	1.15	230	2.41	0.307	1.549	71.1	0.023	8.7	6.0	1.470	12.7	2.59	1.93	5.97	0.16	0.17	0.18	134	197	13.0	8.7	72.8	0.968	668	1.93
800S125-54	4.8	1.44	345	3.00	0.382	1.912	70.8	0.028	8.5	11.9	1.823	15.4	4.79	3.50	11.88	0.29	0.32	0.32	263	239	12.7	8.6	72.4	0.969	536	2.98
800S162-33[1]	12.7	0.879	230	2.09	0.267	1.491	74.8	0.052	14.0	2.69	1.399	11.62	2.38	2.06	2.69	0.274	0.324	0.322	68.7	438	23.8	15.4	79.7	0.911	1016	2.06
800S162-43	12.7	1.15	230	2.72	0.347	1.929	74.6	0.067	13.9	5.97	1.866	16.70	3.42	2.99	5.97	0.364	0.41	0.420	152	557	23.5	15.3	79.5	0.912	1011	2.99
800S162-54	12.7	1.44	345	3.39	0.432	2.388	74.3	0.081	13.7	11.9	2.317	20.12	6.24	5.32	11.88	0.67	0.76	0.77	298	682	23.2	15.1	79.1	0.914	815	5.32
800S162-68	12.7	1.81	345	4.23	0.539	2.952	74.0	0.098	13.5	24.0	2.935	27.3	8.46	7.29	19.13	0.84	0.92	0.93	589	831	22.8	14.9	78.6	0.916	808	7.29
800S162-97	12.7	2.58	345	5.92	0.754	4.044	73.2	0.127	13.0	61.9	4.043	39.8	12.35	11.64	33.78	1.15	1.19	1.22	1677	1105	22.0	14.4	77.5	0.920	795	10.58
800S200-33[1]	15.88	0.879	230	2.269	0.289	1.705	76.8	0.09465	18.1	2.691	1.673	13.36	2.736	2.390	2.691	0.4119	0.4765	0.4628	74.43	797.9	32.7	20.8	85.4	0.853	1283	2.390
800S200-43	15.88	1.146	230	2.95	0.376	2.207	76.7	0.1214	18.0	5.97	2.207	21.17	4.334	3.446	5.97	0.550	0.636	0.646	164.3	1019.7	32.4	20.6	85.2	0.855	1278	3.451
800S200-54	15.88	1.44	345	3.68	0.468	2.736	76.4	0.1486	17.8	11.88	2.736	24.53	7.61	6.112	11.88	1.024	1.180	1.152	322.7	1252.1	32.1	20.4	84.8	0.856	1031	6.111
800S200-68	15.88	1.81	345	4.59	0.585	3.389	76.1	0.1809	17.6	24.0	3.388	32.18	11.07	8.34	19.13	1.293	1.436	1.458	640	1533.8	31.7	20.2	84.3	0.859	975	8.34
800S200-97	15.9	2.583	345	6.43	0.820	4.664	75.4	0.2399	17.1	61.93	4.663	45.90	16.38	13.219	33.78	1.804	1.901	1.932	1823.3	2063.4	30.8	19.7	83.3	0.863	945	13.232

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Mass	Area (E+03)	I_x (E+06)	r_x	I_y (E+06)	r_y	V_{rg}	I_{xd} (E+06)	S_{xe} (E+03)	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	J	C_w (E+06)	x_o	m	r_o	ß	L_u	M_{rxUL}
	(mm)	(mm)	(MPa)	(Kg/m)	(mm^2)	(mm^4)	(mm)	(mm^4)	(mm)	(kN)	(mm^4)	(mm^3)	(kN-m)	(kN-m)	(kN)	(kN-m)	(kN-m)	(kN-m)	(mm^4)	(mm^6)	(mm)	(mm)	(mm)		(mm)	(kN-m)
800S250-43	15.9	1.15	230	3.18	0.405	2.504	78.7	0.2080	22.7	5.97	2.488	21.51	4.40	3.63	5.97	0.758	0.890	0.801	177	1712	42.5	26.5	92.3	0.787	1562	3.63
800S250-54	15.9	1.44	345	3.96	0.505	3.108	78.5	0.2556	22.5	11.9	2.984	24.97	7.75	6.41	11.88	1.417	1.657	1.424	348	2108	42.2	26.3	91.9	0.789	1262	6.41
800S250-68	15.9	1.81	345	4.95	0.631	3.855	78.2	0.3129	22.3	24.0	3.804	33.7	10.46	8.78	19.13	1.800	2.026	1.898	690	2592	41.8	26.1	91.4	0.791	1257	8.78
800S250-97	15.9	2.58	345	6.95	0.885	5.324	77.5	0.420	21.8	61.9	5.323	50.0	17.40	14.12	33.78	2.55	2.71	2.77	1969	3515	40.8	25.6	90.3	0.796	1176	14.07
800S300-43[3]	15.9	1.146	230	3.40	0.434	2.801	80.4	0.3241	27.3	5.97	2.662	21.50	4.40	3.73	5.97	0.991	1.178	0.941	189.7	2628	53.0	32.5	100.1	0.719	1836	3.73
800S300-54	15.9	1.44	345	4.25	0.541	3.480	80.2	0.3993	27.2	11.88	3.190	25.14	7.80	6.59	11.88	1.859	2.197	1.661	373	3243	52.7	32.3	99.7	0.721	1486	6.59
800S300-68	15.9	1.81	345	5.31	0.677	4.322	79.9	0.491	26.9	24.0	4.095	35.13	10.90	9.07	19.13	2.37	2.70	2.26	740	3998	52.2	32.1	99.2	0.723	1481	9.08
800S300-97	15.9	2.58	345	7.46	0.951	5.984	79.3	0.664	26.4	61.9	5.877	54.1	16.83	14.69	33.78	3.39	3.64	3.54	2115	5452	51.2	31.6	98.1	0.727	1473	14.66
800S350-54	25.4	1.44	345	4.75	0.605	4.031	81.6	0.685	33.6	11.9	3.757	30.6	9.50	8.15	11.88	2.83	3.12	2.65	417	6149	70.3	42.4	112.8	0.612	1854	8.15
800S350-68	25.4	1.811	345	5.95	0.758	5.015	81.4	0.846	33.4	23.98	4.892	42.53	13.19	11.17	19.13	3.692	4.134	3.602	828.3	7602	69.8	42.1	112.3	0.614	1852	11.17
800S350-97	25.4	2.58	345	8.36	1.066	6.968	80.8	1.159	33.0	61.93	6.966	61.99	19.23	17.91	33.78	5.331	5.808	5.634	2371	10428	68.8	41.6	111.2	0.617	1844	17.91

* Cold work of forming was considered as per Section A3.3.2.

[1] Web depth to thickness ratio, h/t, exceeds 200. Web stiffeners are required at all support points and concentrated load.

[2] h/t exceeds 260; [3] Flange width-to-thickness ratio exceeds 60.

M_{rxUL} = Factored moment resistance based on an unsupported length of 1220 mm.

C-Section Properties

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Mass	Area (E+03)	I_x (E+06)	r_x	I_y (E+06)	r_y	V_{rg}	I_{xd} (E+06)	S_{xe} (E+03)	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	J	C_w (E+06)	x_o	m	r_o	ß	L_u	M_{rxUL}
	(mm)	(mm)	(MPa)	(Kg/m)	(mm^2)	(mm^4)	(mm)	(mm^4)	(mm)	(kN)	(mm^4)	(mm^3)	(kN-m)	(kN-m)	(kN)	(kN-m)	(kN-m)	(kN-m)	(mm^4)	(mm^6)	(mm)	(mm)	(mm)		(mm)	(kN-m)
1000S162-33[2]	12.70	0.879	230	2.444	0.3114	2.5807	91.0	0.05478	13.3	2.14	2.3131	14.745	3.019	2.5092	2.14	0.2744	0.3300	0.3248	80.17	722.86	21.1	14.0	94.4	0.950	991	2.509
1000S162-43[1]	12.70	1.146	230	3.176	0.4047	3.3414	90.9	0.0700	13.2	4.75	3.1125	21.34	4.369	3.686	4.751	0.366	0.422	0.426	177.0	921.10	20.9	13.8	94.2	0.951	986	3.686
1000S162-54	12.70	1.438	345	3.963	0.5050	4.1428	90.6	0.08508	13.0	9.43	3.8747	25.744	7.987	6.576	9.43	0.6768	0.7773	0.7852	347.90	######	20.6	13.7	93.8	0.952	795	6.575
1000S162-68	12.70	1.811	345	4.954	0.631	5.1317	90.2	0.1026	12.8	19.01	4.9606	35.30	10.952	9.140	19.01	0.847	0.939	0.948	690.0	1375.2	20.3	13.5	93.3	0.953	787	9.143
1000S162-97	12.70	2.58	345	6.95	0.885	7.0643	89.3	0.1334	12.3	56.04	7.0618	53.57	16.619	14.914	40.77	1.157	1.220	1.232	1969.2	1833.3	19.5	13.1	92.3	0.955	772	14.210
1000S200-43[1]	15.88	1.15	230	3.40	0.434	3.783	93.4	0.1284	17.2	4.8	3.558	24.08	4.93	4.312	4.75	0.551	0.651	0.657	190	1674.6	29.1	18.9	99.3	0.914	1252	4.312
1000S200-54	15.9	1.438	345	4.25	0.541	4.696	93.1	0.1572	17.0	9.43	4.4324	27.91	8.660	7.649	9.43	1.027	1.207	1.175	373.1	2058.4	28.8	18.7	99.0	0.915	1011	7.651
1000S200-68	15.9	1.81	345	5.31	0.677	5.826	92.8	0.1914	16.8	19.01	5.657	39.64	12.297	10.564	19.01	1.298	1.469	1.491	740.2	2524.5	28.4	18.5	98.5	0.917	1006	10.559
1000S200-97	15.9	2.58	345	7.46	0.951	8.050	92.0	0.2538	16.3	56.0	8.048	61.29	19.02	17.06	40.77	1.817	1.947	1.966	2115	3404.8	27.6	18.1	97.4	0.920	991	17.10
1000S250-43[1]	15.9	1.15	230	3.63	0.463	4.248	95.8	0.2211	21.8	4.8	4.222	26.47	5.42	4.55	4.75	0.760	0.914	0.821	202	2814.6	38.6	24.5	105.5	0.867	1539	4.55
1000S250-54	15.88	1.438	345	4.537	0.5780	5.2778	95.6	0.27172	21.7	9.435	5.0772	30.77	9.547	8.078	9.435	1.4213	1.7004	1.4575	398.21	3469.9	38.2	24.3	105.2	0.868	1247	8.078
1000S250-68	15.88	1.811	345	5.68	0.723	6.558	95.2	0.3327	21.4	19.01	6.472	45.33	14.061	11.163	19.01	1.808	2.081	1.943	790.5	4272.1	37.8	24.1	104.7	0.870	1240	11.165
1000S250-97	15.88	2.58	345	7.98	1.017	9.087	94.5	0.4465	21.0	56.04	9.085	68.51	23.840	18.191	40.77	2.566	2.790	2.825	2261.1	5809.0	36.9	23.7	103.6	0.873	1158	18.176
1000S300-54	15.88	1.44	345	4.82	0.615	5.860	97.7	0.4261	26.3	9.4	5.335	31.15	9.66	8.32	9.43	1.864	2.262	1.706	423	5340.6	48.1	30.1	112.0	0.816	1473	8.32
1000S300-68	15.9	1.811	345	6.04	0.769	7.289	97.4	0.5236	26.1	19.01	6.925	45.88	14.236	11.524	19.01	2.379	2.778	2.316	840.8	6592.7	47.6	29.9	111.5	0.818	1468	11.549
1000S300-97	15.9	2.58	345	8.49	1.082	10.124	96.7	0.7086	25.6	56.04	9.945	73.69	22.86	18.87	40.77	3.412	3.753	3.627	2407.1	9015	46.7	29.4	110.4	0.821	1458	18.90
1000S350-54	25.4	1.44	345	5.32	0.678	6.753	99.8	0.7359	32.9	9.4	6.281	38.12	11.83	10.32	9.43	2.854	3.215	2.713	467	9822	64.7	39.8	123.4	0.725	1831	10.32
1000S350-68	25.4	1.81	345	6.67	0.850	8.411	99.5	0.9093	32.7	19.0	8.217	55.95	17.36	14.21	19.01	3.705	4.263	3.682	929	12158	64.2	39.5	122.9	0.727	1826	14.21
1000S350-97	25.4	2.58	345	9.39	1.197	11.718	98.9	1.245	32.3	56.0	11.715	83.8	26.01	23.02	40.77	5.36	5.99	5.77	2662	16725	63.3	39.1	121.8	0.730	1819	23.02
1200S162-54[1]	12.7	1.438	345	4.54	0.578	6.550	106.5	0.0882	12.3	7.82	5.884	31.35	9.726	7.64	7.82	0.678	0.788	0.793	398.2	1703	18.6	12.5	108.8	0.971	772	7.639
1200S162-68	12.7	1.81	345	5.68	0.723	8.127	106.0	0.1063	12.1	15.74	7.597	43.33	13.44	10.76	15.74	0.850	0.951	0.958	791	2078	18.3	12.3	108.3	0.972	767	10.76
1200S162-97	12.7	2.58	345	7.98	1.017	11.227	105.1	0.138	11.7	46.3	11.075	67.02	20.79	17.96	42.11	1.161	1.24	1.24	2261	2774	17.6	11.9	107.2	0.973	749	17.54
1200S200-54[1]	15.9	1.44	345	4.82	0.615	7.354	109.4	0.164	16.3	7.8	6.702	33.9	10.53	9.01	7.82	1.03	1.22	1.18	423	3102	26.2	17.3	113.7	0.947	991	9.01
1200S200-68	15.9	1.81	345	6.04	0.769	9.138	109.0	0.199	16.1	15.7	8.618	48.5	15.05	12.54	15.74	1.30	1.49	1.50	841	3807	25.8	17.1	113.2	0.948	983	12.57
1200S200-97	15.9	2.583	345	8.49	1.082	12.664	108.2	0.264	15.6	46.29	12.513	76.35	23.69	20.79	42.11	1.824	1.978	2.000	2407.1	5142	25.1	16.7	112.1	0.950	968	20.74
1200S250-54[1]	15.9	1.44	345	5.11	0.651	8.194	112.2	0.284	20.9	7.82	7.180	35.19	10.92	9.62	7.82	1.423	1.731	1.477	449	5238	35.0	22.7	119.4	0.914	1227	9.62
1200S250-68	15.9	1.81	345	6.40	0.815	10.194	111.8	0.348	20.7	15.7	9.531	49.24	15.28	13.45	15.74	1.81	2.12	1.98	891	6454	34.6	22.5	118.9	0.915	1222	13.41
1200S250-97	15.9	2.58	345	9.01	1.148	14.162	111.1	0.467	20.2	46.3	14.012	82.5	25.60	22.15	42.11	2.58	2.84	2.87	2553	8790	33.8	22.0	117.8	0.918	1207	22.16
1200S300-54[1]	15.9	1.44	345	5.40	0.688	9.034	114.6	0.447	25.5	7.8	7.839	37.2	11.54	9.96	7.82	1.87	2.31	1.74	474	8070	44.3	28.2	125.5	0.876	1458	9.96
1200S300-68	15.9	1.811	345	6.76	0.861	11.249	114.3	0.549	25.2	15.74	10.716	54.32	16.85	13.90	15.74	2.385	2.835	2.361	941.4	9970	43.8	28.0	125.0	0.877	1453	13.94
1200S300-97	15.9	2.58	345	9.52	1.213	15.660	113.6	0.744	24.8	46.29	15.392	95.50	29.63	23.16	42.11	3.427	3.83	3.695	2699	13656	43.0	27.6	124.0	0.880	1440	23.11
1200S350-54[1]	25.4	1.44	345	5.90	0.751	10.350	117.3	0.777	32.2	7.8	9.250	45.65	14.16	12.45	7.82	2.87	3.28	2.77	518	14576	60.0	37.5	135.7	0.804	1814	12.45
1200S350-68	25.4	1.81	345	7.39	0.942	12.904	117.1	0.960	31.9	15.7	12.622	66.5	20.63	17.22	15.74	3.71	4.36	3.76	1029	18059	59.6	37.3	135.2	0.806	1806	17.22
1200S350-97	25.4	2.58	345	10.42	1.328	18.013	116.5	1.315	31.5	46.3	18.009	107.9	33.49	28.14	42.11	5.38	6.13	5.89	2954	24886	58.7	36.8	134.1	0.809	1796	28.14
1400S162-54[1]	12.70	1.438	345	5.110	0.6510	9.703	122.1	0.09053	11.8	6.69	8.361	36.94	11.461	8.532	6.686	0.6789	0.7948	0.7989	448.53	2411.5	16.9	11.5	123.8	0.981	754	8.532
1400S162-68	12.70	1.811	345	6.40	0.815	12.055	121.6	0.1092	11.6	13.43	10.872	51.36	15.933	12.089	13.43	0.851	0.959	0.965	891.1	2944.7	16.6	11.4	123.3	0.982	747	12.137
1400S162-97	12.70	2.58	345	9.01	1.148	16.703	120.6	0.1417	11.1	39.42	16.069	80.51	24.98	20.676	39.42	1.164	1.250	1.254	2553.0	3934.4	16.0	11.0	122.2	0.983	729	20.649
1400S200-54[1]	15.88	1.44	345	5.40	0.688	10.805	125.4	0.1690	15.7	6.7	9.493	39.94	12.39	10.18	6.69	1.030	1.237	1.180	474	4391.8	24.0	16.1	128.6	0.965	970	10.18
1400S200-68	15.9	1.811	345	6.76	0.861	13.442	124.9	0.2057	15.4	13.43	12.282	57.39	17.81	14.349	13.43	1.304	1.507	1.514	941.4	5393.0	23.7	15.9	128.1	0.966	963	14.329
1400S200-97	15.9	2.58	345	9.52	1.213	18.675	124.1	0.2726	15.0	39.42	18.049	91.41	28.36	24.07	39.42	1.828	2.000	2.011	2699	7292	23.0	15.5	127.1	0.967	947	24.05
1400S250-54[1]	15.9	1.44	345	5.68	0.724	11.951	128.5	0.2942	20.2	6.7	10.121	41.38	12.84	10.98	6.69	1.425	1.753	1.492	499	7432	32.3	21.2	134.0	0.942	1207	10.98
1400S250-68	15.9	1.81	345	7.12	0.907	14.882	128.1	0.3601	19.9	13.4	13.518	58.1	18.04	15.48	13.43	1.815	2.146	1.989	992	9162	31.9	21.0	133.5	0.943	1201	15.45
1400S250-97	15.9	2.58	345	10.04	1.279	20.719	127.3	0.483	19.4	39.4	20.100	98.5	30.54	25.87	39.42	2.58	2.88	2.90	2845	12492	31.1	20.6	132.5	0.945	1186	25.90
1400S300-54[1]	15.9	1.438	345	5.97	0.761	13.096	131.2	0.4641	24.7	6.69	10.629	42.25	13.11	11.48	6.69	1.869	2.341	1.750	524.0	11464	41.1	26.6	139.7	0.914	1440	11.48
1400S300-68	15.9	1.81	345	7.48	0.953	16.321	130.9	0.5702	24.5	13.43	14.281	59.85	18.57	16.16	13.43	2.390	2.877	2.395	1042	14171	40.7	26.4	139.2	0.915	1435	16.17
1400S300-97	15.9	2.58	345	10.55	1.345	22.763	130.1	0.772	24.0	39.4	21.731	104.35	32.37	27.12	39.42	3.44	3.89	3.74	2991	19433	39.8	25.9	138.2	0.917	1420	27.16
1400S350-54[1]	25.4	1.44	345	6.47	0.825	14.917	134.5	0.810	31.3	6.7	12.862	53.2	16.51	14.48	6.69	2.87	3.34	2.83	568	20476	56.1	35.6	149.0	0.859	1793	14.48
1400S350-68	25.4	1.81	345	8.11	1.034	18.613	134.2	1.001	31.1	13.4	17.863	77.1	23.92	20.13	13.43	3.72	4.42	3.80	1130	25386	55.6	35.3	148.6	0.860	1788	20.13

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Mass	Area (E+03)	I_x (E+06)	r_x	I_y (E+06)	r_y	V_{rg}	I_{xd} (E+06)	S_{xe} (E+03)	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	J	C_w (E+06)	x_o	m	r_o	ß	L_u	M_{rxUL}
	(mm)	(mm)	(MPa)	(Kg/m)	(mm^2)	(mm^4)	(mm)	(mm^4)	(mm)	(kN)	(mm^4)	(mm^3)	(kN-m)	(kN-m)	(kN)	(kN-m)	(kN-m)	(kN-m)	(mm^4)	(mm^6)	(mm)	(mm)	(mm)		(mm)	(kN-m)
1400S350-97	25.4	2.583	345	11.46	1.459	26.023	133.5	1.372	30.7	39.42	26.016	134.04	41.59	33.16	39.42	5.395	6.225	5.950	3246.2	35025	54.7	34.9	147.5	0.862	1775	33.16
1600S162-68[1]	12.7	1.81	345	7.12	0.907	17.036	137.0	0.111	11.1	11.72	14.804	59.36	18.42	13.33	11.72	0.852	0.966	0.970	992	3979	15.3	10.5	138.3	0.988	726	13.33
1600S162-97	12.7	2.58	345	10.04	1.279	23.661	136.0	0.145	10.6	34.3	22.136	93.99	29.16	23.01	34.34	1.17	1.26	1.26	2845	5319	14.7	10.2	137.2	0.989	709	23.01
1600S200-68[1]	15.9	1.81	345	7.48	0.953	18.858	140.7	0.211	14.9	11.7	16.671	66.2	20.55	15.86	11.72	1.31	1.52	1.53	1042	7292	21.9	14.8	143.1	0.977	942	15.86
1600S200-97	15.9	2.58	345	10.55	1.345	26.25	139.7	0.279	14.4	34.3	24.75	106.5	33.04	27.01	34.34	1.83	2.02	2.03	2991	9867	21.2	14.5	142.1	0.978	925	27.01
1600S250-68[1]	15.9	1.811	345	7.84	0.999	20.741	144.1	0.370	19.3	11.72	18.281	67.00	20.79	17.27	11.72	1.817	2.166	1.994	1092.3	12414	29.6	19.8	148.4	0.960	1181	17.27
1600S250-97	15.9	2.58	345	11.07	1.410	28.927	143.2	0.496	18.8	34.34	27.445	114.37	35.48	29.33	34.34	2.589	2.91	2.925	3137	16940	28.9	19.4	147.3	0.962	1163	29.33
1600S300-68[1]	15.9	1.81	345	8.20	1.045	22.623	147.1	0.587	23.7	11.7	19.247	68.94	21.39	18.22	11.72	2.39	2.91	2.41	1143	19229	37.9	24.9	153.8	0.939	1415	18.22
1600S300-97	15.9	2.58	345	11.58	1.476	31.602	146.3	0.795	23.2	34.3	29.551	121.0	37.55	30.97	34.34	3.44	3.94	3.76	3283	26390	37.2	24.5	152.8	0.941	1400	30.97
1600S350-68[1]	25.4	1.81	345	8.84	1.126	25.66	151.0	1.036	30.4	11.7	22.96	84.8	26.32	22.87	11.72	3.72	4.48	3.84	1231	34204	52.2	33.6	162.6	0.897	1768	22.87
1600S350-97	25.4	2.583	345	12.49	1.591	35.917	150.3	1.419	29.9	34.34	34.478	137.23	42.58	37.98	34.34	5.404	6.301	6.056	3538.1	47234	51.4	33.1	161.6	0.899	1755	37.98

* Cold work of forming was considered as per Section A3.3.2.

[1] Web depth to thickness ratio, h/t, exceeds 200. Web stiffeners are required at all support points and concentrated load.

[2] h/t exceeds 260; [3] Flange width-to-thickness ratio exceeds 60.

M_{rxUL} = Factored moment resistance based on an unsupported length of 1220 mm.

Track Section Properties

Table Notes

1. Track web depths are equal to the nominal stud depth plus two times the design thickness plus the inside bend radius.
2. If present, hemms are ignored.

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (mm)	F_y (MPa)	Mass (Kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	V_{rg} (kN)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_{rx} (kN-m)	J (mm^4)	C_w (E+06) (mm^6)	x_o (mm)	m (mm)	r_o (mm)	ß	L_u (mm)
162T125-18	0.47752	230	0.39288	0.0501	0.0174	18.618	0.0055	10.44	1.72	0.0122	0.41295	0.0844	3.80852	1.87707	22.3	12.8	30.73	0.479	645.2
162T125-33	0.87884	231	0.72176	0.092	0.0321	18.694	0.0099	10.36	3.78	0.0268	0.95537	0.195	23.6836	3.4319	22.0	12.7	30.73	0.484	657.9
162T200-18	0.47752	232	0.536	0.068	0.0261	19.558	0.0193	16.81	1.72	0.0145	0.4425	0.091	5.1904	6.8342	40.0	22.1	47.50	0.294	995.7
162T200-33	0.87884	233	0.98516	0.125	0.048	19.634	0.0352	16.76	3.78	0.0329	1.0373	0.21	32.3037	12.5675	39.8	22.0	47.50	0.297	1013.5
250T125-18	0.47752	234	0.476	0.0607	0.0433	26.72	0.0062	10.16	1.392	0.0319	0.72595	0.15	4.6118	4.8363	19.5	11.7	34.54	0.682	652.8
250T125-33	0.87884	235	0.875	0.112	0.0799	26.77	0.0113	10.08	5.82	0.068	1.686	0.35	28.7116	8.8133	19.3	11.6	34.54	0.687	657.9
250T125-43	1.14554	236	1.140	0.145	0.104	26.80	0.0146	10.03	7.72	0.095	2.412	0.49	63.521	11.4101	19.2	11.5	34.54	0.690	662.9
250T125-54	1.43764	237	1.430	0.182	0.1325	26.97	0.0181	9.96	14.59	0.122	3.086	0.96	125.477	14.4607	19.0	11.4	34.54	0.696	538.5
250T125-68	1.81102	238	1.80	0.229	0.17	27.23	0.0224	9.88	18.22	0.166	4.29341	1.3	250.671	18.5102	18.8	11.3	34.54	0.704	546.1
250T125-97	2.58318	239	2.56	0.327	0.2516	27.76	0.0310	9.73	25.49	0.252	6.935	2.2	726.49	27.246	18.4	11.0	34.80	0.719	566.4
250T200-18	0.47752	240	0.619	0.079	0.0632	28.30	0.0222	16.79	1.392	0.0380	0.70792	0.14	5.9979	17.2803	36.2	20.8	49.02	0.452	1021.1
250T200-33	0.87884	241	1.138	0.145	0.117	28.37	0.0405	16.71	5.82	0.083	1.842	0.38	37.3318	31.679	36.0	20.7	48.77	0.455	1028.7
250T200-43	1.14554	242	1.482	0.189	0.1524	28.40	0.053	16.69	7.72	0.117	2.665	0.55	82.609	41.185	35.9	20.6	48.77	0.457	1036.3
250T200-54	1.43764	243	1.86	0.237	0.1941	28.63	0.065	16.61	14.59	0.151	3.420	1.06	163.213	52.418	35.7	20.5	48.77	0.462	843.3
250T200-68	1.81102	244	2.34	0.298	0.250	28.93	0.082	16.56	18.22	0.211	4.851	1.5	326.109	67.470	35.5	20.3	48.77	0.469	856.0
250T200-97	2.58318	245	3.34	0.425	0.372	29.59	0.114	16.41	25.49	0.351	8.359	2.6	945.39	100.478	35.0	20.0	48.77	0.484	886.5
362T125-18	0.47752	246	0.58336	0.074	0.099	36.50	0.0070	9.65	0.95	0.073	1.04222	0.2135	5.6483	11.17109	16.9	10.5	41.40	0.833	652.8
362T125-33	0.87884	247	1.073	0.137	0.182	36.53	0.0125	9.58	5.82	0.159	2.850	0.58	35.1757	20.3121	16.7	10.4	41.40	0.836	652.8
362T125-43	1.14554	248	1.397	0.178	0.238	36.55	0.0161	9.53	9.89	0.219	4.012	0.82	77.839	26.2628	16.6	10.3	41.15	0.838	652.8
362T125-54	1.43764	249	1.75	0.223	0.301	36.70	0.0200	9.47	19.18	0.279	5.113	1.6	153.781	33.065	16.5	10.3	41.40	0.841	530.9
362T125-68	1.81102	250	2.21	0.281	0.383	36.93	0.0248	9.40	26.78	0.375	6.992	2.2	307.250	41.927	16.3	10.1	41.40	0.846	533.4
362T125-97	2.58318	251	3.14	0.400	0.56	37.36	0.0342	9.25	37.70	0.56	11.060	3.4	890.67	60.558	15.9	9.9	41.66	0.854	543.6
362T150-33	0.87884	252	1.161	0.148	0.208	37.47	0.0208	11.86	5.83	0.170	2.950	0.6056	38.0436	33.245	21.7	13.3	44.96	0.766	784.9
362T150-43	1.14554	253	1.51	0.192	0.271	37.49	0.0268	11.81	9.92	0.236	4.179	0.856	84.204	43.073	21.6	13.2	44.96	0.768	787.4
362T150-54	1.43764	254	1.90	0.241	0.343	37.67	0.0333	11.76	19.22	0.302	5.326	1.7	166.368	54.325	21.4	13.1	44.96	0.772	640.1
362T150-68	1.81102	255	2.39	0.304	0.44	37.90	0.041	11.68	26.78	0.409	7.358	2.3	332.402	69.067	21.2	13.0	44.96	0.777	642.6
362T150-97	2.58318	256	3.40	0.434	0.64	38.40	0.057	11.51	37.72	0.64	12.012	3.7	963.66	100.352	20.8	12.7	45.21	0.787	655.3
362T200-18	0.47752	257	0.726	0.093	0.140	38.86	0.0250	16.46	0.947	0.081	1.0406	0.21	7.0343	39.520	32.5	19.3	53.34	0.628	1038.9
362T200-33	0.87884	258	1.335	0.170	0.258	38.91	0.046	16.38	5.83	0.191	3.114	0.6384	43.788	72.317	32.3	19.2	53.09	0.631	1041.4
362T200-43	1.14554	259	1.74	0.221	0.336	38.96	0.059	16.33	9.92	0.266	4.425	0.91	96.940	93.907	32.1	19.1	53.09	0.633	1043.9
362T200-54	1.43764	260	2.18	0.278	0.43	39.14	0.074	16.28	19.22	0.341	5.654	1.8	191.508	118.747	32.0	19.0	53.09	0.638	848.4

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (mm)	F_y (MPa)	Mass (Kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	V_{rg} (kN)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_{rx} (kN-m)	J (mm^4)	C_w (E+06) (mm^6)	x_o (mm)	m (mm)	r_o (mm)	ß	L_u (mm)
362T200-68	1.81102	261	2.75	0.350	0.54	39.42	0.092	16.21	26.78	0.47	7.866	2.4	382.683	151.481	31.8	18.9	53.09	0.643	853.4
362T200-97	2.58318	262	3.92	0.499	0.80	40.01	0.128	16.05	37.72	0.76	13.175	4.1	1109.59	221.569	31.3	18.6	53.34	0.655	871.2
362T300-33	0.87884	263	1.69	0.215	0.358	40.84	0.136	25.20	5.82	0.222	3.227	0.66	55.292	217.686	54.8	31.3	72.90	0.434	1526.5
362T300-43	1.14554	264	2.20	0.280	0.47	40.89	0.177	25.15	9.89	0.313	4.752	0.97	122.385	283.30	54.7	31.3	72.64	0.435	1534.2
362T300-54	1.43764	265	2.75	0.351	0.59	41.10	0.221	25.10	19.18	0.402	6.078	1.9	241.830	359.13	54.5	31.2	72.64	0.439	1247.1
362T300-68	1.81102	266	3.47	0.442	0.76	41.43	0.277	25.02	26.778	0.56	8.510	2.6	483.27	459.45	54.3	31.0	72.64	0.443	1257.3
362T300-97	2.58318	267	4.95	0.630	1.12	42.09	0.390	24.87	37.70	0.92	14.525	4.5	1401.46	676.17	53.7	30.7	72.64	0.453	1280.2
400T125-18[1]	0.47752	268	0.619	0.079	0.124	39.65	0.0071	9.50	0.859	0.090	1.1487	0.24	5.9979	13.9719	16.2	10.2	43.94	0.864	650.2
400T125-33	0.87884	269	1.138	0.145	0.228	39.70	0.0129	9.42	5.34	0.200	3.292	0.67	37.3318	25.3928	16.0	10.1	43.94	0.867	650.2
400T125-43	1.14554	270	1.48	0.189	0.298	39.70	0.0166	9.37	9.89	0.275	4.616	0.95	82.609	32.820	15.9	10.0	43.69	0.868	650.2
400T125-54	1.43764	271	1.86	0.237	0.376	39.85	0.0205	9.32	19.18	0.351	5.876	1.8	163.213	41.258	15.8	9.9	43.94	0.871	528.3
400T125-68	1.81102	272	2.34	0.298	0.48	40.06	0.0254	9.25	29.63	0.47	8.002	2.5	326.109	52.209	15.6	9.8	43.94	0.874	530.9
400T125-97	2.58318	273	3.34	0.425	0.70	40.49	0.0350	9.09	41.77	0.70	12.590	3.9	945.39	75.099	15.2	9.6	44.20	0.881	535.9
400T150-33	0.87884	274	1.226	0.156	0.259	40.72	0.0214	11.68	5.34	0.214	3.409	0.699	40.2080	41.542	20.9	12.9	47.24	0.805	782.3
400T150-43	1.14554	275	1.60	0.203	0.338	40.74	0.0276	11.63	9.92	0.296	4.801	0.984	88.990	53.815	20.8	12.8	47.24	0.807	784.9
400T150-54	1.43764	276	2.00	0.255	0.43	40.89	0.0342	11.58	19.22	0.378	6.129	1.9	175.775	67.778	20.6	12.7	47.24	0.810	637.5
400T150-68	1.81102	277	2.52	0.321	0.54	41.12	0.043	11.51	29.63	0.51	8.407	2.6	351.258	86.012	20.4	12.6	47.24	0.814	640.1
400T150-97	2.58318	278	3.59	0.458	0.79	41.61	0.059	11.35	41.77	0.79	13.634	4.2	1018.35	124.440	20.0	12.4	47.50	0.823	650.2

[1] Web depth to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated load.

Track Section Properties

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (mm)	F_y (MPa)	Mass (Kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	V_{rg} (kN)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_{rx} (kN-m)	J (mm^4)	C_w (E+06) (mm^6)	x_o (mm)	m (mm)	r_o (mm)	ß	L_u (mm)
400T200-33	0.87884	230	1.40036	0.1787	0.3197	42.316	0.0470	16.23	5.34	0.2389	3.60515	0.73779	45.9519494	90.28176	31.2	18.7	55.12	0.678	1041.4
400T200-43	1.14554	231	1.82449	0.232	0.4171	42.367	0.0608	16.18	9.92	0.3330	5.09638	1.043	101.685337	117.2159	31.1	18.6	54.86	0.680	1043.9
400T200-54	1.43764	232	2.289	0.292	0.5278	42.545	0.0758	16.13	19.22	0.4258	6.5057	2.017	200.9565	148.0438	30.9	18.5	55.12	0.684	848.4
400T200-68	1.81102	233	2.88257	0.367	0.673	42.799	0.0945	16.05	29.63	0.5794	8.9965	2.79	401.5385	188.4585	30.7	18.4	55.12	0.689	853.4
400T200-97	2.58318	234	4.109	0.5232	0.984	43.36	0.1322	15.90	41.77	0.9332	14.9286	4.63	1164.3242	274.5511	30.3	18.2	55.12	0.699	866.1
400T300-33	0.87884	235	1.752	0.223	0.4414	44.48	0.1407	25.12	5.34	0.279	3.576	0.73	57.4483	270.9205	53.4	30.8	73.91	0.478	1534.2
400T300-43	1.14554	236	2.281	0.291	0.576	44.53	0.1826	25.07	9.89	0.391	5.468	1.12	127.159	352.4855	53.3	30.7	73.91	0.479	1539.2
400T300-54	1.43764	237	2.863	0.365	0.7299	44.73	0.2281	25.02	19.18	0.501	6.986	2.17	251.262	446.2556	53.1	30.6	73.91	0.482	1252.2
400T300-68	1.81102	238	3.60	0.459	0.9321	45.06	0.2857	24.94	29.63	0.689	9.72736	3.0	502.125	569.8331	52.9	30.5	73.66	0.487	1259.8
400T300-97	2.58318	239	5.14	0.655	1.3669	45.69	0.4025	24.79	41.77	1.136	16.466	5.1	1456.19	835.429	52.3	30.2	73.66	0.497	1280.2
600T125-18[1]	0.47752	240	0.810	0.103	0.3231	55.98	0.0078	8.69	0.569	0.2050	1.68951	0.35	7.8418	35.1809	13.3	8.7	58.17	0.948	632.5
600T125-33	0.87884	241	1.488	0.190	0.594	55.98	0.0141	8.61	3.54	0.500	4.864	1.00	48.8281	63.839	13.1	8.6	58.17	0.949	629.9
600T125-43	1.14554	242	1.939	0.247	0.7746	56.01	0.018	8.56	7.82	0.715	7.554	1.55	108.066	82.427	13.0	8.5	58.17	0.950	627.4
600T125-54	1.43764	243	2.43	0.310	0.9757	56.11	0.022	8.51	15.50	0.912	9.703	3.01	213.527	103.126	12.9	8.4	58.17	0.951	510.5
600T125-68	1.81102	244	3.06	0.390	1.236	56.26	0.028	8.43	30.43	1.214	14.057	4.4	426.687	129.598	12.8	8.4	58.42	0.952	508.0
600T125-97	2.58318	245	4.37	0.556	1.7819	56.59	0.038	8.31	61.92	1.782	22.075	6.8	1237.28	183.826	12.5	8.2	58.67	0.955	510.5
600T150-33	0.87884	246	1.57597	0.201	0.662	57.40	0.0236	10.82	3.56	0.528	4.96528	1.01686	51.6959	104.702134	17.4	11.2	60.96	0.919	767.1
600T150-43	1.14554	247	2.054	0.261	0.862	57.43	0.0304	10.77	7.83	0.760	7.767	1.59	114.4220	135.4495	17.3	11.1	60.96	0.920	767.1
600T150-54	1.43764	248	2.576	0.328	1.087	57.56	0.0378	10.72	15.52	0.971	9.980	3.10	226.097	169.8489	17.1	11.0	60.96	0.921	622.3
600T150-68	1.81102	249	3.24	0.414	1.377	57.73	0.0469	10.64	30.47	1.304	14.601	4.5	451.819	214.050	17.0	10.9	61.21	0.923	622.3
600T150-97	2.58318	250	4.62	0.589	1.989	58.12	0.0650	10.52	61.96	1.989	23.663	7.3	1310.255	305.460	16.7	10.7	61.47	0.926	624.8
600T200-18[1]	0.47752	251	0.95	0.121	0.43	59.69	0.0288	15.42	0.57	0.23	1.744	0.4	9.22	124.507	26.8	16.7	67.31	0.841	1038.9
600T200-33	0.87884	252	1.752	0.223	0.796	59.74	0.0526	15.34	3.56	0.624	5.457	1.11855	57.4399	227.423	26.6	16.6	67.06	0.843	1038.9
600T200-43	1.14554	253	2.28	0.291	1.038	59.77	0.0680	15.29	7.83	0.857	9.259	1.895	127.159	294.933	26.5	16.6	67.06	0.844	1038.9
600T200-54	1.43764	254	2.86	0.365	1.309	59.92	0.0847	15.24	15.52	1.090	11.750	3.6	251.279	370.794	26.4	16.5	67.31	0.846	843.3
600T200-68	1.81102	255	3.60	0.459	1.66	60.12	0.106	15.16	30.47	1.460	15.945	4.9	502.142	468.971	26.2	16.4	67.31	0.849	845.8
600T200-97	2.58318	256	5.14	0.655	2.40	60.58	0.148	15.01	61.96	2.29	25.695	8.0	1456.19	674.159	25.8	16.1	67.56	0.854	848.4
600T300-33	0.87884	257	2.101	0.268	1.065	63.07	0.1597	24.43	3.536	0.678	5.4159	1.11	68.9404	676.614	47.1	28.2	82.30	0.674	1557.0
600T300-43	1.14554	258	2.738	0.349	1.389	63.09	0.207	24.38	7.82	0.995	9.100	1.86346	152.611	879.546	46.9	28.2	82.30	0.675	1559.6
600T300-54	1.43764	259	3.44	0.438	1.753	63.30	0.259	24.31	15.50	1.268	11.820	3.67	301.576	1108.664	46.8	28.1	82.30	0.677	1267.5
600T300-68	1.81102	260	4.33	0.551	2.23	63.55	0.324	24.23	30.43	1.712	17.252	5.4	602.703	1406.741	46.6	27.9	82.55	0.681	1270.0
600T300-97	2.58318	261	6.17	0.786	3.23	64.11	0.456	24.10	61.92	2.74	28.245	8.8	1748.072	2036.160	46.1	27.7	82.55	0.688	1280.2
800T125-33[1]	0.87884	262	1.84	0.234	1.21	71.73	0.015	7.95	2.64	0.96	6.658	1.4	60.32	122.571	11.2	7.5	72.90	0.977	607.1
800T125-43	1.14554	263	2.40	0.305	1.570	71.73	0.019	7.90	5.87	1.391	10.488	2.15	133.527	158.168	11.1	7.4	72.90	0.977	604.5
800T125-54	1.43764	264	3.01	0.383	1.98	71.81	0.024	7.85	11.61	1.774	13.503	4.19	263.849	197.37	11.0	7.3	73.15	0.977	490.2
800T125-68	1.81102	265	3.79	0.483	2.50	71.96	0.029	7.80	23.26	2.427	19.927	6.2	527.282	247.13	10.8	7.3	73.15	0.978	487.7
800T125-97	2.58318	266	5.40	0.688	3.59	72.21	0.040	7.65	61.964	3.59	33.790	10.5	1529.15	347.97	10.6	7.1	73.41	0.979	485.1

[1] Web depth to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated load.

Track Section Properties

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (mm)	F_y (MPa)	Mass (Kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	V_{rg} (kN)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_{rx} (kN-m)	J (mm^4)	C_w (E+06) (mm^6)	x_o (mm)	m (mm)	r_o (mm)	ß	L_u (mm)
800T150-43	1.14554	230	2.51	0.320	1.72	73.43	0.0322	10.03	5.87	1.47	10.734	2.2	139.895	260.936	14.8	9.8	75.7	0.961	744
800T150-54	1.43764	231	3.15	0.401	2.17	73.56	0.0400	9.98	11.61	1.87	13.831	4.3	276.419	326.38	14.7	9.7	75.7	0.962	605
800T150-68	1.81102	232	3.97	0.505	2.74	73.71	0.050	9.91	23.26	2.58	20.57	6.4	552.42	409.87	14.6	9.6	75.7	0.963	602
800T150-97	2.58318	233	5.65	0.72	3.95	74.02	0.069	9.78	62.0	3.95	35.92	11.1	1602.12	580.66	14.3	9.4	75.9	0.965	602
800T200-33[1]	0.87884	234	2.10	0.268	1.56	76.33	0.056	14.50	2.64	1.08	6.937	1.4	68.940	439.95	23.3	15.0	81.0	0.918	1024
800T200-43	1.14554	235	2.74	0.349	2.03	76.35	0.073	14.45	5.87	1.59	11.078	2.3	152.632	570.26	23.2	14.9	81.0	0.918	1024
800T200-54	1.43764	236	3.44	0.438	2.56	76.48	0.091	14.40	11.61	2.03	14.290	4.4	301.560	715.27	23.1	14.8	81.3	0.919	831
800T200-68	1.81102	237	4.33	0.551	3.24	76.68	0.113	14.33	23.26	2.83	21.47	6.7	602.70	901.47	22.9	14.7	81.3	0.921	831
800T200-97	2.58318	238	6.17	0.79	4.7	77.06	0.158	14.17	62.0	4.5	38.46	12	1748.09	1286.77	22.6	14.5	81.5	0.923	831
800T300-33[1]	0.87884	239	2.45	0.312	2.03	80.70	0.173	23.55	2.64	1.23	7.258	1.5	80.437	1308.19	42.2	26.1	94.0	0.799	1560
800T300-43	1.14554	240	3.20	0.407	2.65	80.72	0.225	23.50	5.85	1.91	12.067	2.5	178.068	1699.76	42.1	26.0	94.0	0.800	1560
800T300-54	1.43764	241	4.01	0.511	3.34	80.87	0.281	23.44	11.58	2.46	15.653	4.9	351.895	2137.61	42.0	25.9	94.0	0.801	1267
800T300-68	1.81102	242	5.05	0.64	4.2	81.13	0.351	23.37	23.22	3.35	25.36	7.9	703.29	2703.3	41.8	25.8	94.2	0.803	1267
800T300-97	2.58318	243	7.20	0.92	6.1	81.61	0.49	23.22	61.9	5.3	42.37	13	2039.95	3886.4	41.4	25.6	94.5	0.808	1273
1000T125-43[1]	1.14554	244	2.85	0.363	2.76	87.15	0.0197	7.37	4.67	2.33	13.418	2.7	158.975	261.310	9.6	6.6	87.9	0.988	582
1000T125-54	1.43764	245	3.58	0.456	3.47	87.22	0.0244	7.32	9.25	2.97	17.29	5.4	314.171	325.60	9.6	6.5	88.1	0.988	470
1000T125-68	1.81102	246	4.51	0.574	4.4	87.33	0.0303	7.26	18.55	4.10	25.81	8.0	627.84	406.75	9.4	6.4	88.1	0.989	467
1000T125-97	2.58318	247	6.43	0.82	6.3	87.55	0.042	7.14	54.1	6.3	45.11	14	1821.05	570.05	9.2	6.3	88.4	0.989	465
1000T150-54	1.43764	248	3.72	0.474	3.77	89.18	0.042	9.35	9.25	3.11	17.68	5.5	326.742	540.59	12.9	8.7	90.7	0.980	584
1000T150-68	1.81102	249	4.69	0.597	4.8	89.31	0.052	9.30	18.55	4.3	26.56	8.2	652.98	677.35	12.8	8.6	90.7	0.980	584
1000T150-97	2.58318	250	6.68	0.85	6.8	89.56	0.071	9.17	54.1	6.8	47.57	15	1894.02	955.29	12.6	8.4	90.9	0.981	582
1000T200-43[1]	1.14554	251	3.20	0.407	3.48	92.46	0.076	13.69	4.67	2.61	14.096	2.9	178.068	950.67	20.7	13.6	95.8	0.953	1003
1000T200-54	1.43764	252	4.01	0.511	4.4	92.58	0.095	13.64	9.25	3.34	18.21	5.6	351.882	1190.61	20.5	13.5	95.8	0.954	813
1000T200-68	1.81102	253	5.05	0.64	5.5	92.74	0.118	13.56	18.55	4.7	27.60	8.6	703.26	1497.33	20.4	13.4	96.0	0.955	813
1000T200-97	2.58318	254	7.20	0.92	7.9	93.07	0.165	13.41	54.1	7.7	50.49	16	2039.95	2127.88	20.1	13.2	96.3	0.956	810
1000T300-43[1]	1.14554	255	3.65	0.465	4.4	97.69	0.238	22.63	4.67	3.03	15.048	3.1	203.521	2841.7	38.2	24.1	107.4	0.873	1549
1000T300-54	1.43764	256	4.58	0.584	5.6	97.84	0.297	22.56	9.25	3.90	19.50	6.1	402.209	3568.6	38.1	24.1	107.4	0.874	1260
1000T300-68	1.81102	257	5.77	0.74	7.1	98.04	0.372	22.48	18.53	5.7	31.18	9.7	803.86	4503.6	37.9	24.0	107.4	0.876	1260
1000T300-97	2.58318	258	8.23	1.05	10.2	98.50	0.52	22.35	54.0	8.9	58.80	18	2331.83	6447.2	37.5	23.7	107.7	0.879	1260
1200T125-54[1]	1.43764	259	4.15	0.529	5.6	102.44	0.0250	6.88	7.70	4.5	21.06	6.5	364.473	488.68	8.5	5.8	103.1	0.993	452
1200T125-68	1.81102	260	5.23	0.67	7.0	102.51	0.0310	6.81	15.44	6.3	31.69	9.8	728.45	609.58	8.4	5.8	103.1	0.993	450
1200T125-97	2.58318	261	7.46	0.95	10.0	102.72	0.043	6.71	45.0	9.8	56.42	18	2112.92	851.61	8.2	5.6	103.4	0.994	447
1200T150-68	1.81102	262	5.41	0.69	7.6	104.67	0.053	8.76	15.435	6.6	32.56	10.1	753.59	1018.99	11.4	7.8	105.7	0.988	564
1200T150-97	2.58318	263	7.71	0.98	10.8	104.90	0.073	8.64	45.0	10.6	59.26	18	2185.88	1432.61	11.2	7.6	105.9	0.989	561
1200T200-54[1]	1.43764	264	4.58	0.584	6.9	108.33	0.098	12.95	7.70	5.0	22.11	6.9	402.209	1802.96	18.5	12.4	110.7	0.972	795

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (mm)	F_y (MPa)	Mass (Kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	V_{rg} (kN)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_{rx} (kN-m)	J (mm^4)	C_w (E+06) (mm^6)	x_o (mm)	m (mm)	r_o (mm)	ß	L_u (mm)
1200T200-68	1.81102	265	5.77	0.74	8.7	108.48	0.122	12.90	15.44	7.1	33.72	10.5	803.87	2264.08	18.4	12.3	110.7	0.972	792
1200T200-97	2.58318	266	8.23	1.05	12.4	108.79	0.171	12.75	45.0	11.7	62.60	19	2331.85	3207.8	18.1	12.1	111.0	0.973	790
1200T300-54[1]	1.43764	267	5.16	0.66	8.6	114.35	0.310	21.72	7.70	5.5	22.78	7.1	452.52	5427.5	34.9	22.5	121.4	0.917	1245
1200T300-68	1.81102	268	6.49	0.83	10.9	114.55	0.388	21.64	15.41	7.9	35.04	10.9	904.45	6839.9	34.8	22.4	121.7	0.918	1245
1200T300-97	2.58318	269	9.26	1.18	15.6	114.94	0.55	21.51	44.9	13.4	66.35	21	2623.71	9763.3	34.4	22.1	121.9	0.920	1245
1400T125-54[1]	1.43764	270	4.72	0.602	8.3	117.53	0.0254	6.50	6.59	6.4	24.84	7.7	414.79	687.23	7.6	5.3	117.9	0.996	437
1400T125-68	1.81102	271	5.95	0.76	10.5	117.60	0.0315	6.45	13.21	9.0	37.58	12	829.01	856.28	7.5	5.2	118.1	0.996	434
1400T125-97	2.58318	272	8.49	1.08	15.0	117.75	0.043	6.32	38.48	14.2	67.74	21	2404.82	1193.51	7.3	5.1	118.1	0.996	429
1400T150-68	1.81102	273	6.13	0.78	11.2	119.91	0.054	8.33	13.211	9.4	38.54	12	854.15	1436.29	10.3	7.1	120.7	0.993	546
1400T150-97	2.58318	274	8.74	1.11	16.1	120.12	0.075	8.20	38.48	15.3	70.99	22	2477.78	2014.74	10.1	7.0	120.9	0.993	541
1400T200-54[1]	1.43764	275	5.16	0.66	10.1	123.90	0.101	12.37	6.59	7.1	26.02	8.1	452.52	2556.54	16.9	11.4	125.7	0.982	775
1400T200-68	1.81102	276	6.49	0.83	12.7	124.03	0.125	12.32	13.21	10.1	39.85	12	904.43	3206.9	16.8	11.3	125.7	0.982	775
1400T200-97	2.58318	277	9.26	1.18	18.2	124.28	0.175	12.17	38.48	16.8	74.71	23	2623.71	4533.6	16.5	11.2	126.0	0.983	770
1400T300-54[1]	1.43764	278	5.73	0.73	12.4	130.53	0.320	20.96	6.59	7.7	26.78	8.3	502.84	7733.9	32.3	21.1	136.1	0.944	1229
1400T300-68	1.81102	279	7.22	0.92	15.7	130.71	0.401	20.88	13.19	11.1	41.32	13	1005.02	9736.4	32.1	21.0	136.1	0.944	1229
1400T300-97	2.58318	280	10.29	1.31	22.5	131.06	0.56	20.73	38.41	18.9	78.86	24	2915.60	13868.3	31.8	20.8	136.4	0.946	1227
1600T125-54[1]	1.43764	281	5.30	0.68	11.9	132.51	0.0258	6.17	5.76	8.7	28.62	8.881	465.10	921.62	6.9	4.9	132.8	0.997	422
1600T125-68[1]	1.81102	282	6.67	0.85	14.9	132.59	0.0319	6.12	11.53	12.3	43.42	13	929.59	1147.34	6.8	4.8	132.8	0.997	419
1600T125-97	2.58318	283	9.52	1.21	21.4	132.74	0.04391	6.02	33.57	19.6	79.04	25	2696.68	1596.42	6.7	4.7	133.1	0.997	414
1600T200-54[1]	1.43764	284	5.72943	0.73	14.2	139.27	0.10256	11.86	5.76	9.4909	29.92	9.3	502.84	3454.386	15.5	10.6	140.7	0.988	757
1600T200-68[1]	1.81102	285	7.22	0.92	17.9	139.4	0.12782	11.79	11.53	13.613	45.94	14	1005.02	4329.644	15.4	10.5	140.7	0.988	754
1600T200-97	2.58318	286	10.29	1.31	25.556	139.62	0.17831	11.66	33.57	22.9	86.77	27	2915.60	6110.488	15.2	10.4	141.0	0.988	752
1600T300-54[1]	1.43764	287	6.30	0.80	17.2	146.48	0.32857	20.22	5.76	10.3	30.78	9.5	553.15	10502.68	30.0	19.8	150.9	0.960	1212
1600T300-68[1]	1.81102	288	7.94	1.01	21.7	146.63	0.41107	20.17	11.53	14.9	47.59	15	1105.60	13211.68	29.9	19.7	151.1	0.961	1212
1600T300-97	2.58318	289	11.32	1.44	31.1	146.96	0.58	20.02	33.57	25.6	91.37	28	3207.48	18787.8	29.6	19.5	151.1	0.962	1209

[1] Web depth to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated load.

Curtain Wall Limiting Height Tables - Single and Double Spans

Table Notes

1. For wind load deflection calculations, the SLS importance factor, Iw = 0.75 is incorporated in the load tables.
2. Studs must be braced against rotation and lateral displacement at all supports.
3. Studs are assumed to be adequately braced at a maximum spacing of L_u to develop the full factored moment resistance.
4. Web crippling check is based on 25 mm of bearing at end supports and 75 mm of bearing at interior supports.
5. Shear and web crippling resistance at end supports have **not** been reduced for punchouts. At interior supports, the shear and web crippling resistance has been reduced for the presence of punchout adjacent to the support.
6. Combined bending and shear check at interior support is based on unreinforced web as per S136-16 (Eq. H2-1).
   Shear resistance and combined bending and shear checks at interior supports have been reduced for the presence of punchouts adjacent to the support.
7. In the "Double Span" tables, the listed span is the distance from either end to the centre of the interior support with the stud continuous past the interior support.
8. It is the responsibility of the engineer on record (EOR) to structurally check for parts exceeding limiting heights included in the following load tables.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
250S125-33	230	300	5.2	4.4	3.8	3.5	3.0	2.6	3.0	2.7	2.2	2.6	2.4	2.0	2.3	2.2	1.9	2.1	2.1	1.8
	230	400	4.5	4.0	3.5	3.2	2.8	2.3	2.6	2.4	2.0	2.3	2.2	1.8	2.0	2.0	1.7	1.8	1.8	1.6
	230	600	3.7	3.5	3.0	2.6	2.4	2.0	2.1	2.1	1.8	1.8	1.8	1.6	1.6	1.6	1.5	1.5	1.5	1.4
250S125-43	230	300	6.0	4.8	4.2	3.8	3.3	2.8	3.3	2.9	2.4	3.0	2.6	2.2	2.8	2.4	2.1	2.5	2.3	1.9
	230	400	5.4	4.3	3.8	3.4	3.0	2.5	3.0	2.6	2.2	2.7	2.4	2.0	2.4	2.2	1.9	2.2	2.1	1.8
	230	600	4.4	3.8	3.3	3.0	2.6	2.2	2.5	2.3	1.9	2.2	2.1	1.8	2.0	1.9	1.6	1.8	1.8	1.5
250S125-54	345	300	6.4	5.1	4.4	4.0	3.5	3.0	3.5	3.1	2.6	3.2	2.8	2.4	3.0	2.6	2.2	2.8	2.4	2.1
	345	400	5.8	4.6	4.0	3.7	3.2	2.7	3.2	2.8	2.4	2.9	2.5	2.1	2.7	2.4	2.0	2.5	2.2	1.9
	345	600	5.1	4.0	3.5	3.2	2.8	2.4	2.8	2.4	2.1	2.5	2.2	1.9	2.4	2.1	1.7	2.2	1.9	1.6
250S162-33	230	300	6.1	4.8	4.2	3.8	3.4	2.8	3.4	2.9	2.5	3.0	2.7	2.2	2.8	2.5	2.1	2.7	2.3	2.0
	230	400	5.5	4.4	3.8	3.5	3.0	2.6	3.0	2.7	2.2	2.8	2.4	2.0	2.6	2.2	1.9	2.3	2.1	1.8
	230	600	4.7	3.8	3.4	3.0	2.7	2.2	2.7	2.3	2.0	2.3	2.1	1.8	2.1e	2.0e	1.7	1.9e	1.8e	1.6
250S162-43	230	300	6.6	5.3	4.6	4.2	3.6	3.1	3.6	3.2	2.7	3.3	2.9	2.4	3.1	2.7	2.3	2.9	2.5	2.1
	230	400	6.0	4.8	4.2	3.8	3.3	2.8	3.3	2.9	2.4	3.0	2.6	2.2	2.8	2.4	2.1	2.6	2.3	1.9
	230	600	5.3	4.2	3.6	3.3	2.9	2.4	2.9	2.5	2.1	2.6	2.3	1.9	2.4	2.1	1.8	2.3	2.0	1.7
250S162-54	345	300	7.1	5.6	4.9	4.5	3.9	3.3	3.9	3.4	2.9	3.5	3.1	2.6	3.3	2.9	2.4	3.1	2.7	2.3
	345	400	6.4	5.1	4.5	4.1	3.5	3.0	3.5	3.1	2.6	3.2	2.8	2.4	3.0	2.6	2.2	2.8	2.5	2.1
	345	600	5.6	4.5	3.9	3.5	3.1	2.6	3.1	2.7	2.3	2.8	2.5	2.1	2.6	2.3	1.9	2.5	2.1	1.8
250S162-68	345	300	7.6	6.0	5.2	4.8	4.2	3.5	4.2	3.6	3.1	3.8	3.3	2.8	3.5	3.1	2.6	3.3	2.9	2.4
	345	400	6.9	5.5	4.8	4.3	3.8	3.2	3.8	3.3	2.8	3.4	3.0	2.5	3.2	2.8	2.4	3.0	2.6	2.2
	345	600	6.0	4.8	4.2	3.8	3.3	2.8	3.3	2.9	2.4	3.0	2.6	2.2	2.8	2.4	2.1	2.6	2.3	1.9
362S125-33	230	300	6.5	5.8	5.1	4.6	4.0	3.4	3.7	3.5	3.0	3.2	3.2	2.7	2.9	2.9	2.5	2.6	2.6	2.4
	230	400	5.6	5.3	4.6	4.0	3.7	3.1	3.2	3.2	2.7	2.8	2.8	2.5	2.5	2.5	2.3	2.3	2.3	2.2
	230	600	4.6	4.6	4.0	3.2	3.2	2.7	2.6	2.6	2.4	2.3	2.3	2.2	2.1e	2.1e	2.0e	1.9e	1.9e	1.9e
362S125-43	230	300	7.8	6.4	5.6	5.0	4.4	3.7	4.4	3.9	3.2	3.9	3.5	3.0	3.5	3.2	2.7	3.2	3.1	2.6
	230	400	6.7	5.8	5.0	4.6	4.0	3.4	3.9	3.5	3.0	3.4	3.2	2.7	3.0	3.0	2.5	2.8	2.8	2.3
	230	600	5.5	5.0	4.4	3.9	3.5	3.0	3.2	3.1	2.6	2.8	2.8	2.3	2.5	2.5	2.2	2.2	2.2	2.0
362S125-54	345	300	8.6	6.8	5.9	5.4	4.7	4.0	4.7	4.1	3.5	4.3	3.7	3.2	4.0	3.5	2.9	3.7	3.3	2.8
	345	400	7.8	6.2	5.4	4.9	4.3	3.6	4.3	3.7	3.2	3.9	3.4	2.9	3.6	3.2	2.7	3.4	3.0	2.5
	345	600	6.8	5.4	4.7	4.3	3.7	3.2	3.7	3.3	2.8	3.4	3.0	2.5	3.2	2.8	2.3	3.0	2.6	2.2
362S162-33	230	300	8.1	6.4	5.6	5.1	4.5	3.8	4.5	3.9	3.3	4.0	3.5	3.0	3.7	3.3	2.8	3.3e	3.1e	2.6
	230	400	7.1	5.8	5.1	4.6	4.0	3.4	4.0	3.5	3.0	3.5e	3.2	2.7	3.2e	3.0e	2.5	2.9e	2.8e	2.4e
	230	600	5.8	5.1	4.5	4.0	3.5	3.0	3.3e	3.1e	2.6	2.9e	2.8e	2.4e	2.6e	2.6e	2.2e	2.4e	2.4e	2.1e
362S162-43	230	300	8.8	7.0	6.1	5.5	4.8	4.1	4.8	4.2	3.6	4.4	3.8	3.2	4.1	3.6	3.0	3.8	3.4	2.8
	230	400	8.0	6.3	5.5	5.0	4.4	3.7	4.4	3.8	3.2	4.0	3.5	2.9	3.7	3.2	2.7	3.4	3.1	2.6
	230	600	6.9	5.5	4.8	4.4	3.8	3.2	3.8	3.4	2.8	3.4	3.1	2.6	3.1	2.8	2.4	2.8e	2.7e	2.2
362S162-54	345	300	9.4	7.5	6.5	5.9	5.2	4.4	5.2	4.5	3.8	4.7	4.1	3.5	4.4	3.8	3.2	4.1	3.6	3.0
	345	400	8.6	6.8	5.9	5.4	4.7	4.0	4.7	4.1	3.5	4.3	3.7	3.2	4.0	3.5	2.9	3.7	3.3	2.8
	345	600	7.5	5.9	5.2	4.7	4.1	3.5	4.1	3.6	3.0	3.7	3.3	2.8	3.5	3.0	2.6	3.3	2.9	2.4
362S162-68	345	300	10.1	8.0	7.0	6.4	5.6	4.7	5.6	4.9	4.1	5.0	4.4	3.7	4.7	4.1	3.5	4.4	3.9	3.2
	345	400	9.2	7.3	6.4	5.8	5.0	4.3	5.0	4.4	3.7	4.6	4.0	3.4	4.3	3.7	3.1	4.0	3.5	3.0
	345	600	8.0	6.4	5.6	5.0	4.4	3.7	4.4	3.9	3.2	4.0	3.5	3.0	3.7	3.2	2.7	3.5	3.1	2.6
362S162-97	345	300	11.1	8.8	7.7	7.0	6.1	5.2	6.1	5.4	4.5	5.6	4.9	4.1	5.2	4.5	3.8	4.9	4.2	3.6
	345	400	10.1	8.0	7.0	6.4	5.6	4.7	5.6	4.9	4.1	5.1	4.4	3.7	4.7	4.1	3.5	4.4	3.9	3.3
	345	600	8.8	7.0	6.1	5.6	4.9	4.1	4.9	4.2	3.6	4.4	3.9	3.3	4.1	3.6	3.0	3.9	3.4	2.8
362S200-33	230	300	8.5	6.7	5.9	5.3	4.7	3.9	4.7	4.1	3.4	4.2	3.7	3.1	3.9e	3.4	2.9	3.5e	3.2e	2.7
	230	400	7.5	6.1	5.3	4.9	4.2	3.6	4.2	3.7	3.1	3.8e	3.4	2.8	3.4e	3.1e	2.6	3.1e	2.9e	2.5e
	230	600	6.1	5.3	4.7	4.2	3.7	3.1	3.5e	3.2e	2.7	3.1e	2.9e	2.5e	2.7e	2.7e	2.3e	2.5e	2.5e	2.2e
362S200-43	230	300	9.3	7.4	6.4	5.9	5.1	4.3	5.1	4.5	3.8	4.6	4.1	3.4	4.3	3.8	3.2	4.1	3.5	3.0
	230	400	8.4	6.7	5.9	5.3	4.6	3.9	4.6	4.1	3.4	4.2	3.7	3.1	3.9	3.4	2.9	3.7	3.2	2.7
	230	600	7.4	5.9	5.1	4.6	4.1	3.4	4.1	3.5	3.0	3.7	3.2	2.7	3.3e	3.0	2.5	3.0e	2.8e	2.4
362S200-54	345	300	10.0	7.9	6.9	6.3	5.5	4.6	5.5	4.8	4.0	5.0	4.4	3.7	4.6	4.0	3.4	4.4	3.8	3.2
	345	400	9.1	7.2	6.3	5.7	5.0	4.2	5.0	4.4	3.7	4.5	4.0	3.3	4.2	3.7	3.1	4.0	3.5	2.9
	345	600	7.9	6.3	5.5	5.0	4.4	3.7	4.4	3.8	3.2	4.0	3.5	2.9	3.7	3.2	2.7	3.5	3.0	2.5
362S200-68	345	300	10.7	8.5	7.4	6.7	5.9	5.0	5.9	5.1	4.3	5.3	4.7	3.9	5.0	4.3	3.7	4.7	4.1	3.4
	345	400	9.7	7.7	6.7	6.1	5.3	4.5	5.3	4.7	3.9	4.8	4.2	3.6	4.5	3.9	3.3	4.2	3.7	3.1
	345	600	8.5	6.7	5.9	5.3	4.7	3.9	4.7	4.1	3.4	4.2	3.7	3.1	3.9	3.4	2.9	3.7	3.2	2.7
362S200-97	345	300	11.8	9.4	8.2	7.4	6.5	5.5	6.5	5.7	4.8	5.9	5.2	4.3	5.5	4.8	4.0	5.2	4.5	3.8
	345	400	10.7	8.5	7.4	6.8	5.9	5.0	5.9	5.2	4.3	5.4	4.7	4.0	5.0	4.3	3.7	4.7	4.1	3.5
	345	600	9.4	7.4	6.5	5.9	5.2	4.3	5.2	4.5	3.8	4.7	4.1	3.5	4.3	3.8	3.2	4.1	3.6	3.0
362S250-33	230	300	8.8	7.0	6.1	5.6	4.9	4.1	4.9	4.2	3.6	4.4	3.9	3.3	4.0e	3.6	3.0	3.7e	3.4e	2.8
	230	400	7.8	6.4	5.6	5.1	4.4	3.7	4.4	3.9	3.3	3.9e	3.5e	3.0	3.5e	3.3e	2.7	3.2e	3.1e	2.6e
	230	600	6.3	5.6	4.9	4.4	3.9	3.3	3.7e	3.4e	2.8	3.2e	3.1e	2.6e	2.8e	2.8e	2.4e	2.6e	2.6e	2.3e

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
362S250-43	230	300	9.8	7.8	6.8	6.2	5.4	4.5	5.4	4.7	4.0	4.9	4.3	3.6	4.5	4.0	3.3	4.3	3.7	3.1
	230	400	8.9	7.1	6.2	5.6	4.9	4.1	4.9	4.3	3.6	4.4	3.9	3.3	4.1	3.6	3.0	3.8	3.4	2.9
	230	600	7.6	6.2	5.4	4.9	4.3	3.6	4.3	3.7	3.1	3.8	3.4	2.9	3.4e	3.1e	2.7	3.1e	3.0e	2.5
362S250-54	345	300	10.4	8.2	7.2	6.5	5.7	4.8	5.7	5.0	4.2	5.2	4.5	3.8	4.8	4.2	3.5	4.5	4.0	3.3
	345	400	9.4	7.5	6.5	5.9	5.2	4.4	5.2	4.5	3.8	4.7	4.1	3.5	4.4	3.8	3.2	4.1	3.6	3.0
	345	600	8.2	6.5	5.7	5.2	4.5	3.8	4.5	4.0	3.3	4.1	3.6	3.0	3.8	3.3	2.8	3.6	3.1	2.6
362S250-68	345	300	11.2	8.9	7.8	7.1	6.2	5.2	6.2	5.4	4.6	5.6	4.9	4.1	5.2	4.6	3.8	4.9	4.3	3.6
	345	400	10.2	8.1	7.1	6.4	5.6	4.7	5.6	4.9	4.1	5.1	4.5	3.8	4.7	4.1	3.5	4.5	3.9	3.3
	345	600	8.9	7.1	6.2	5.6	4.9	4.1	4.9	4.3	3.6	4.5	3.9	3.3	4.1	3.6	3.0	3.9	3.4	2.9
362S250-97	345	300	12.5	9.9	8.7	7.9	6.9	5.8	6.9	6.0	5.1	6.2	5.5	4.6	5.8	5.1	4.3	5.5	4.8	4.0
	345	400	11.3	9.0	7.9	7.1	6.2	5.3	6.2	5.5	4.6	5.7	5.0	4.2	5.3	4.6	3.9	5.0	4.3	3.7
	345	600	9.9	7.9	6.9	6.2	5.5	4.6	5.5	4.8	4.0	5.0	4.3	3.7	4.6	4.0	3.4	4.3	3.8	3.2
362S300-33	230	300	9.1	7.2	6.3	5.7	5.0	4.2	5.0	4.4	3.7	4.5	4.0	3.3	4.1e	3.7e	3.1	3.7e	3.5e	2.9
	230	400	7.9	6.6	5.7	5.2	4.5	3.8	4.5	4.0	3.3	4.0e	3.6e	3.0	3.5e	3.3e	2.8e	3.2e	3.2e	2.7e
	230	600	6.5	5.7	5.0	4.5	4.0	3.3	3.7e	3.5e	2.9	3.2e	3.2e	2.7e	2.9e	2.9e	2.5e	2.6e	2.6e	2.3e
362S300-43	230	300	10.1	8.0	7.0	6.3	5.5	4.7	5.5	4.8	4.1	5.0	4.4	3.7	4.7	4.1	3.4	4.4	3.8	3.2
	230	400	9.1	7.3	6.3	5.8	5.0	4.2	5.0	4.4	3.7	4.6	4.0	3.4	4.2	3.7	3.1	3.8	3.5	2.9
	230	600	7.7	6.3	5.5	5.0	4.4	3.7	4.4	3.8	3.2	3.8	3.5	2.9	3.4e	3.2e	2.7	3.1e	3.0e	2.6e
362S300-54	345	300	10.7	8.5	7.4	6.7	5.9	4.9	5.9	5.1	4.3	5.3	4.7	3.9	4.9	4.3	3.6	4.7	4.1	3.4
	345	400	9.7	7.7	6.7	6.1	5.3	4.5	5.3	4.7	3.9	4.8	4.2	3.6	4.5	3.9	3.3	4.2	3.7	3.1
	345	600	8.5	6.7	5.9	5.3	4.7	3.9	4.7	4.1	3.4	4.2	3.7	3.1	3.9	3.4	2.9	3.7	3.2	2.7
362S300-68	345	300	11.6	9.2	8.0	7.3	6.4	5.4	6.4	5.6	4.7	5.8	5.1	4.3	5.4	4.7	4.0	5.1	4.4	3.7
	345	400	10.5	8.4	7.3	6.6	5.8	4.9	5.8	5.1	4.3	5.3	4.6	3.9	4.9	4.3	3.6	4.6	4.0	3.4
	345	600	9.2	7.3	6.4	5.8	5.1	4.3	5.1	4.4	3.7	4.6	4.0	3.4	4.3	3.7	3.1	4.0	3.5	3.0
362S300-97	345	300	13.0	10.4	9.0	8.2	7.2	6.1	7.2	6.3	5.3	6.5	5.7	4.8	6.1	5.3	4.5	5.7	5.0	4.2
	345	400	11.8	9.4	8.2	7.5	6.5	5.5	6.5	5.7	4.8	5.9	5.2	4.4	5.5	4.8	4.1	5.2	4.5	3.8
	345	600	10.4	8.2	7.2	6.5	5.7	4.8	5.7	5.0	4.2	5.2	4.5	3.8	4.8	4.2	3.5	4.5	3.9	3.3

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
250S125-33	230	300	2.0	2.0	1.7	1.8	1.8	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.5	1.5	1.5	1.4
	230	400	1.7	1.7	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4e	1.4e	1.3e	1.3e	1.3e	1.3e
	230	600	1.4e	1.4e	1.3	1.3e	1.3e	1.3e	1.2e	1.2e	1.2e	1.2e	1.2e	1.2e	1.1e	1.1e	1.1e	1.1e	1.1e	1.1e
250S125-43	230	300	2.3	2.2	1.8	2.2	2.1	1.8	2.1	2.0	1.7	2.0	1.9	1.6	1.9	1.9	1.6	1.8	1.8	1.5
	230	400	2.0	2.0	1.7	1.9	1.9	1.6	1.8	1.8	1.5	1.7	1.7	1.5	1.6	1.6	1.4	1.6	1.6	1.4
	230	600	1.7	1.7	1.5	1.6	1.6	1.4	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2
250S125-54	345	300	2.7	2.3	2.0	2.5	2.2	1.9	2.4	2.1	1.8	2.4	2.1	1.7	2.3	2.0	1.7	2.2	1.9	1.6
	345	400	2.4	2.1	1.8	2.3	2.0	1.7	2.2	1.9	1.6	2.1	1.9	1.6	2.1	1.8	1.5	2.0	1.8	1.5
	345	600	2.1	1.8	1.6	2.0	1.8	1.5	1.9	1.7	1.4	1.8	1.6	1.4	1.8	1.6	1.3	1.7	1.5	1.3
250S162-33	230	300	2.5	2.2	1.9	2.3	2.1	1.8	2.2e	2.0	1.7	2.1e	2.0e	1.7	2.0e	1.9e	1.6	1.9e	1.8e	1.6
	230	400	2.2e	2.0	1.7	2.0e	1.9e	1.6	1.9e	1.8e	1.6	1.8e	1.8e	1.5e	1.7e	1.7e	1.5e	1.7e	1.7e	1.4e
	230	600	1.8e	1.8e	1.5e	1.7e	1.7e	1.4e	1.6e	1.6e	1.4e	1.5e	1.5e	1.3e	1.4e	1.4e	1.3e	1.4e	1.4e	1.2e
250S162-43	230	300	2.7	2.4	2.0	2.6	2.3	1.9	2.5	2.2	1.9	2.4	2.1	1.8	2.4	2.1	1.7	2.3	2.0	1.7
	230	400	2.5	2.2	1.8	2.4	2.1	1.8	2.3	2.0	1.7	2.1	1.9	1.6	2.0	1.9	1.6	2.0	1.8	1.5
	230	600	2.1	1.9	1.6	2.0	1.8	1.5	1.8e	1.8	1.5	1.7e	1.7e	1.4	1.7e	1.6e	1.4	1.6e	1.6e	1.3e
250S162-54	345	300	2.9	2.6	2.2	2.8	2.5	2.1	2.7	2.4	2.0	2.6	2.3	1.9	2.5	2.2	1.9	2.5	2.1	1.8
	345	400	2.7	2.3	2.0	2.6	2.2	1.9	2.5	2.1	1.8	2.4	2.1	1.7	2.3	2.0	1.7	2.2	1.9	1.6
	345	600	2.3	2.0	1.7	2.2	1.9	1.6	2.1	1.9	1.6	2.1	1.8	1.5	2.0	1.8	1.5	1.9	1.7	1.4
250S162-68	345	300	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.5	2.1	2.8	2.4	2.1	2.7	2.4	2.0	2.6	2.3	1.9
	345	400	2.9	2.5	2.1	2.7	2.4	2.0	2.6	2.3	1.9	2.5	2.2	1.9	2.5	2.1	1.8	2.4	2.1	1.8
	345	600	2.5	2.2	1.8	2.4	2.1	1.8	2.3	2.0	1.7	2.2	1.9	1.6	2.1	1.9	1.6	2.1	1.8	1.5
362S125-33	230	300	2.5	2.5	2.2	2.3	2.3	2.2	2.2e	2.2e	2.1e	2.1e	2.1e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.9e
	230	400	2.1e	2.1e	2.0e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.7e	1.7e	1.7e	1.6e	1.6e	1.6e
	230	600	1.7e	1.7e	1.7e	1.6e	1.6e	1.6e	1.5e	1.5e	1.5e	1.5e	1.5e	1.5e	1.4e	1.4e	1.4e	1.3e	1.3e	1.3e
362S125-43	230	300	2.9	2.9	2.4	2.8	2.8	2.3	2.6	2.6	2.3	2.5	2.5	2.2	2.3	2.3	2.1	2.2	2.2	2.0
	230	400	2.5	2.5	2.2	2.4	2.4	2.1	2.2	2.2	2.0	2.1	2.1	2.0	2.0	2.0	1.9	1.9e	1.9e	1.9
	230	600	2.1	2.1	1.9	1.9e	1.9e	1.9	1.8e	1.8e	1.8e	1.7e	1.7e	1.7e	1.7e	1.7e	1.7e	1.6e	1.6e	1.6e
362S125-54	345	300	3.6	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.3	3.1	2.7	2.3	3.0	2.6	2.2
	345	400	3.2	2.8	2.4	3.1	2.7	2.3	3.0	2.6	2.2	2.8	2.5	2.1	2.7	2.4	2.0	2.6	2.4	2.0
	345	600	2.8	2.5	2.1	2.6	2.4	2.0	2.4	2.3	1.9	2.3	2.2	1.8	2.2	2.1	1.8	2.1	2.1	1.7
362S162-33	230	300	3.1e	2.9e	2.5	2.9e	2.8e	2.4e	2.7e	2.7e	2.3e	2.6e	2.6e	2.2e	2.5e	2.5e	2.1e	2.4e	2.4e	2.1e
	230	400	2.7e	2.7e	2.2e	2.5e	2.5e	2.1e	2.4e	2.4e	2.1e	2.2e	2.2e	2.0e	2.1e	2.1e	1.9e	2.0e	2.0e	1.9e
	230	600	2.2e	2.2e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.7e	1.7e	1.7e	1.7e	1.7e	1.7e	1.6e
362S162-43	230	300	3.7	3.2	2.7	3.4	3.1	2.6	3.2	2.9	2.5	3.1	2.8	2.4	2.9e	2.7	2.3	2.8e	2.7e	2.2
	230	400	3.2	2.9	2.4	3.0e	2.8	2.3	2.8e	2.7e	2.2	2.7e	2.6e	2.2	2.5e	2.5e	2.1e	2.4e	2.4e	2.0e
	230	600	2.6e	2.5e	2.1	2.4e	2.4e	2.0e	2.3e	2.3e	2.0e	2.2e	2.2e	1.9e	2.1e	2.1e	1.8e	2.0e	2.0e	1.8e
362S162-54	345	300	3.9	3.4	2.9	3.7	3.3	2.8	3.6	3.1	2.7	3.5	3.0	2.6	3.4	2.9	2.5	3.3	2.9	2.4
	345	400	3.6	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.3	3.1	2.7	2.3	3.0	2.6	2.2
	345	600	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.5	2.1	2.8	2.4	2.0	2.7	2.3	2.0	2.6	2.3	1.9
362S162-68	345	300	4.2	3.7	3.1	4.0	3.5	3.0	3.9	3.4	2.8	3.7	3.2	2.7	3.6	3.1	2.7	3.5	3.1	2.6
	345	400	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.3
	345	600	3.3	2.9	2.4	3.2	2.8	2.3	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.5	2.1	2.8	2.4	2.0
362S162-97	345	300	4.6	4.0	3.4	4.4	3.9	3.3	4.2	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9	3.9	3.4	2.8
	345	400	4.2	3.7	3.1	4.0	3.5	3.0	3.9	3.4	2.8	3.7	3.3	2.7	3.6	3.2	2.7	3.5	3.1	2.6
	345	600	3.7	3.2	2.7	3.5	3.1	2.6	3.4	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.3	3.1	2.7	2.3

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
362S200-33	230	300	3.3e	3.1e	2.6	3.1e	2.9e	2.5e	2.9e	2.8e	2.4e	2.7e	2.7e	2.3e	2.6e	2.6e	2.2e	2.5e	2.5e	2.2e
	230	400	2.8e	2.8e	2.4e	2.7e	2.7e	2.3e	2.5e	2.5e	2.2e	2.4e	2.4e	2.1e	2.3e	2.3e	2.0e	2.2e	2.2e	2.0e
	230	600	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.8e	1.8e	1.8e	1.7e
362S200-43	230	300	3.9	3.4	2.8	3.7	3.2	2.7	3.5e	3.1	2.6	3.3e	3.0	2.5	3.1e	2.9e	2.4	3.0e	2.8e	2.4
	230	400	3.4e	3.1	2.6	3.2e	2.9e	2.5	3.0e	2.8e	2.4	2.9e	2.7e	2.3	2.7e	2.6e	2.2e	2.6e	2.6e	2.2e
	230	600	2.8e	2.7e	2.3e	2.6e	2.6e	2.2e	2.5e	2.5e	2.1e	2.3e	2.3e	2.0e	2.2e	2.2e	1.9e	2.1e	2.1e	1.9e
362S200-54	345	300	4.1	3.6	3.0	4.0	3.5	2.9	3.8	3.3	2.8	3.7	3.2	2.7	3.6	3.1	2.6	3.5	3.0	2.5
	345	400	3.8	3.3	2.8	3.6	3.1	2.6	3.5	3.0	2.5	3.3	2.9	2.5	3.2	2.8	2.4	3.1	2.7	2.3
	345	600	3.3	2.9	2.4	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.5	2.1	2.8	2.5	2.1	2.7	2.4	2.0
362S200-68	345	300	4.4	3.9	3.3	4.2	3.7	3.1	4.1	3.6	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.7	3.2	2.7
	345	400	4.0	3.5	3.0	3.8	3.4	2.8	3.7	3.2	2.7	3.6	3.1	2.6	3.5	3.0	2.6	3.4	2.9	2.5
	345	600	3.5	3.1	2.6	3.4	2.9	2.5	3.2	2.8	2.4	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.6	2.2
362S200-97	345	300	4.9	4.3	3.6	4.7	4.1	3.5	4.5	3.9	3.3	4.3	3.8	3.2	4.2	3.7	3.1	4.1	3.6	3.0
	345	400	4.5	3.9	3.3	4.3	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9	3.8	3.3	2.8	3.7	3.2	2.7
	345	600	3.9	3.4	2.9	3.7	3.2	2.7	3.6	3.1	2.6	3.5	3.0	2.5	3.3	2.9	2.5	3.2	2.8	2.4
362S250-33	230	300	3.4e	3.2e	2.7e	3.2e	3.1e	2.6e	3.0e	2.9e	2.5e	2.8e	2.8e	2.4e	2.7e	2.7e	2.3e	2.6e	2.6e	2.3e
	230	400	2.9e	2.9e	2.5e	2.7e	2.7e	2.3e	2.6e	2.6e	2.3e	2.5e	2.5e	2.2e	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e
	230	600	2.4e	2.4e	2.1e	2.2e	2.2e	2.0e	2.1e	2.1e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.8e
362S250-43	230	300	4.0	3.5	3.0	3.8	3.4	2.9	3.6e	3.3	2.7	3.4e	3.1e	2.7	3.2e	3.0e	2.6	3.1e	3.0e	2.5
	230	400	3.5e	3.2	2.7	3.3e	3.1e	2.6	3.1e	3.0e	2.5	2.9e	2.9e	2.4e	2.8e	2.8e	2.3e	2.7e	2.7e	2.3e
	230	600	2.9e	2.8e	2.4e	2.7e	2.7e	2.3e	2.5e	2.5e	2.2e	2.4e	2.4e	2.1e	2.3e	2.3e	2.0e	2.2e	2.2e	2.0e
362S250-54	345	300	4.3	3.8	3.2	4.1	3.6	3.0	4.0	3.5	2.9	3.8	3.3	2.8	3.7	3.2	2.7	3.6	3.1	2.6
	345	400	3.9	3.4	2.9	3.7	3.3	2.8	3.6	3.1	2.6	3.5	3.0	2.6	3.4	2.9	2.5	3.3	2.9	2.4
	345	600	3.4	3.0	2.5	3.3	2.9	2.4	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.6	2.2	2.9	2.5	2.1
362S250-68	345	300	4.7	4.1	3.4	4.5	3.9	3.3	4.3	3.7	3.2	4.1	3.6	3.0	4.0	3.5	3.0	3.9	3.4	2.9
	345	400	4.2	3.7	3.1	4.1	3.5	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6
	345	600	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.3	3.1	2.7	2.3
362S250-97	345	300	5.2	4.5	3.8	5.0	4.3	3.7	4.8	4.2	3.5	4.6	4.0	3.4	4.5	3.9	3.3	4.3	3.8	3.2
	345	400	4.7	4.1	3.5	4.5	3.9	3.3	4.3	3.8	3.2	4.2	3.7	3.1	4.1	3.5	3.0	3.9	3.4	2.9
	345	600	4.1	3.6	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5
362S300-33	230	300	3.5e	3.3e	2.8e	3.2e	3.2e	2.7e	3.1e	3.0e	2.6e	2.9e	2.9e	2.5e	2.8e	2.8e	2.4e	2.6e	2.6e	2.3e
	230	400	3.0e	3.0e	2.5e	2.8e	2.8e	2.4e	2.6e	2.6e	2.3e	2.5e	2.5e	2.2e	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e
	230	600	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e	2.0e	2.0e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e
362S300-43	230	300	4.1	3.6	3.1	3.8	3.5	2.9	3.6e	3.4	2.8	3.4e	3.2e	2.7	3.3e	3.1e	2.6	3.1e	3.0e	2.6e
	230	400	3.5e	3.3e	2.8	3.3e	3.2e	2.7	3.1e	3.0e	2.6e	3.0e	2.9e	2.5e	2.8e	2.8e	2.4e	2.7e	2.7e	2.3e
	230	600	2.9e	2.9e	2.4e	2.7e	2.7e	2.3e	2.6e	2.6e	2.2e	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e
362S300-54	345	300	4.4	3.9	3.3	4.2	3.7	3.1	4.1	3.6	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.7	3.2	2.7
	345	400	4.0	3.5	3.0	3.8	3.4	2.8	3.7	3.2	2.7	3.6	3.1	2.6	3.5	3.0	2.5	3.4	2.9	2.5
	345	600	3.5	3.1	2.6	3.4	2.9	2.5	3.2	2.8	2.4	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.6	2.2
362S300-68	345	300	4.8	4.2	3.5	4.6	4.0	3.4	4.4	3.9	3.3	4.3	3.7	3.1	4.1	3.6	3.0	4.0	3.5	3.0
	345	400	4.4	3.8	3.2	4.2	3.7	3.1	4.0	3.5	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.7	3.2	2.7
	345	600	3.8	3.3	2.8	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.4
362S300-97	345	300	5.4	4.7	4.0	5.2	4.5	3.8	5.0	4.3	3.7	4.8	4.2	3.5	4.7	4.1	3.4	4.5	3.9	3.3
	345	400	4.9	4.3	3.6	4.7	4.1	3.5	4.5	3.9	3.3	4.4	3.8	3.2	4.2	3.7	3.1	4.1	3.6	3.0
	345	600	4.3	3.8	3.2	4.1	3.6	3.0	3.9	3.5	2.9	3.8	3.3	2.8	3.7	3.2	2.7	3.6	3.1	2.6

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
250S125-33	230	300	5.2	5.2	5.1	3.7	3.7	3.4	3.0	3.0	3.0	2.6	2.6	2.6	2.3	2.3	2.3	2.1	2.1	2.1
	230	400	4.5	4.5	4.5	3.2	3.2	3.1	2.6	2.6	2.6	2.3	2.3	2.3	2.0	2.0	2.0	1.8	1.8	1.8
	230	600	3.7	3.7	3.7	2.6	2.6	2.6	2.1	2.1	2.1	1.8	1.8	1.8	1.6	1.6	1.6	1.5	1.5	1.5
250S125-43	230	300	6.2	6.2	5.6	4.4	4.4	3.7	3.6	3.6	3.3	3.1	3.1	3.0	2.8	2.8	2.7	2.5	2.5	2.5
	230	400	5.4	5.4	5.1	3.8	3.8	3.4	3.1	3.1	3.0	2.7	2.7	2.7	2.4	2.4	2.4	2.2	2.2	2.2
	230	600	4.4	4.4	4.4	3.1	3.1	3.0	2.5	2.5	2.5	2.2	2.2	2.2	1.9	1.9	1.9	1.7	1.7	1.7
250S125-54	345	300	8.2	6.8	5.9	5.4	4.7	4.0	4.7	4.1	3.5	4.1	3.7	3.2	3.7	3.5	2.9	3.4	3.3	2.8
	345	400	7.1	6.2	5.4	4.9	4.3	3.6	4.1	3.7	3.2	3.6	3.4	2.9	3.2	3.2	2.7	2.9	2.9	2.5
	345	600	5.8	5.4	4.7	4.1	3.7	3.2	3.4	3.3	2.8	2.9	2.9	2.5	2.6	2.6	2.3	2.3	2.3	2.2
250S162-33	230	300	6.6	6.5	5.6	4.7	4.5	3.8	3.8	3.8	3.3	3.3	3.3	3.0	2.9	2.9	2.8	2.6	2.6	2.6
	230	400	5.7	5.7	5.1	4.0	4.0	3.4	3.3	3.3	3.0	2.8	2.8	2.7	2.5	2.5	2.5	2.2	2.2	2.2
	230	600	4.7	4.7	4.5	3.3	3.3	3.0	2.6	2.6	2.6	2.2	2.2	2.2	1.9i	1.9i	1.9i	1.7i	1.7i	1.7i
250S162-43	230	300	7.8	7.0	6.1	5.5	4.9	4.1	4.5	4.3	3.6	3.9	3.9	3.3	3.4	3.4	3.0	3.1	3.1	2.8
	230	400	6.8	6.4	5.6	4.8	4.4	3.7	3.9	3.9	3.3	3.3	3.3	3.0	2.9	2.9	2.7	2.6	2.6	2.6
	230	600	5.5	5.5	4.9	3.9	3.9	3.3	3.1	3.1	2.8	2.6	2.6	2.6	2.3	2.3	2.3	2.0	2.0	2.0
250S162-54	345	300	9.5	7.5	6.6	6.0	5.2	4.4	5.2	4.5	3.8	4.7	4.1	3.5	4.4	3.8	3.2	4.1	3.6	3.0
	345	400	8.6	6.8	6.0	5.4	4.7	4.0	4.7	4.1	3.5	4.3	3.8	3.2	3.9	3.5	2.9	3.5	3.3	2.8
	345	600	7.3	6.0	5.2	4.7	4.1	3.5	4.1	3.6	3.0	3.5	3.3	2.8	3.1	3.0	2.6	2.7	2.7	2.4
250S162-68	345	300	10.1	8.0	7.0	6.4	5.6	4.7	5.6	4.9	4.1	5.1	4.4	3.7	4.7	4.1	3.5	4.4	3.9	3.3
	345	400	9.2	7.3	6.4	5.8	5.1	4.3	5.1	4.4	3.7	4.6	4.0	3.4	4.3	3.7	3.1	3.8	3.5	3.0
	345	600	8.0	6.4	5.6	5.1	4.4	3.7	4.4	3.9	3.3	3.8	3.5	3.0	3.3	3.3	2.7	2.9	2.9	2.6
362S125-33	230	300	6.5	6.5	6.5	4.6	4.6	4.6	3.7	3.7	3.7	3.2	3.2	3.2	2.9	2.9	2.9	2.6	2.6	2.6
	230	400	5.6	5.6	5.6	4.0	4.0	4.0	3.2	3.2	3.2	2.8	2.8	2.8	2.5	2.5	2.5	2.3	2.3	2.3
	230	600	4.6	4.6	4.6	3.2	3.2	3.2	2.6	2.6	2.6	2.3	2.3	2.3	2.0i	2.0i	2.0i	1.8i	1.8i	1.8i
362S125-43	230	300	7.8	7.8	7.4	5.5	5.5	5.0	4.5	4.5	4.3	3.9	3.9	3.9	3.5	3.5	3.5	3.2	3.2	3.2
	230	400	6.7	6.7	6.7	4.8	4.8	4.5	3.9	3.9	3.9	3.4	3.4	3.4	3.0	3.0	3.0	2.8	2.8	2.8
	230	600	5.5	5.5	5.5	3.9	3.9	3.9	3.2	3.2	3.2	2.8	2.8	2.8	2.5	2.5	2.5	2.2	2.2	2.2
362S125-54	345	300	10.4	9.1	7.9	7.2	6.3	5.3	6.0	5.5	4.6	5.2	5.0	4.2	4.6	4.6	3.9	4.2	4.2	3.7
	345	400	9.0	8.3	7.2	6.4	5.7	4.8	5.2	5.0	4.2	4.5	4.5	3.8	4.0	4.0	3.6	3.7	3.7	3.3
	345	600	7.3	7.2	6.3	5.2	5.0	4.2	4.2	4.2	3.7	3.7	3.7	3.3	3.3	3.3	3.1	3.0	3.0	2.9
362S162-33	230	300	8.2	8.2	7.5	5.8	5.8	5.0	4.7	4.7	4.4	4.0	4.0	4.0	3.5	3.5	3.5	3.2i	3.2i	3.2i
	230	400	7.1	7.1	6.8	5.0	5.0	4.6	4.0	4.0	4.0	3.4	3.4	3.4	3.0i	3.0i	3.0i	2.7i	2.7i	2.7i
	230	600	5.8	5.8	5.8	4.0	4.0	4.0	3.2i	3.2i	3.2i	2.7i	2.7i	2.7i	2.4i	2.4i	2.4i	2.2a	2.2a	2.2a
362S162-43	230	300	9.7	9.3	8.2	6.8	6.5	5.5	5.5	5.5	4.8	4.7	4.7	4.3	4.2	4.2	4.0	3.8	3.8	3.8
	230	400	8.4	8.4	7.4	5.9	5.9	5.0	4.7	4.7	4.3	4.1	4.1	3.9	3.6	3.6	3.6	3.3	3.3	3.3
	230	600	6.8	6.8	6.5	4.7	4.7	4.3	3.8	3.8	3.8	3.3	3.3	3.3	2.9	2.9	2.9	2.6	2.6	2.6
362S162-54	345	300	12.6	10.0	8.7	7.9	6.9	5.8	6.9	6.1	5.1	6.3	5.5	4.6	5.7	5.1	4.3	5.2	4.8	4.1
	345	400	11.2	9.1	7.9	7.2	6.3	5.3	6.3	5.5	4.6	5.5	5.0	4.2	4.9	4.6	3.9	4.4	4.4	3.7
	345	600	9.1	7.9	6.9	6.3	5.5	4.6	5.2	4.8	4.1	4.4	4.4	3.7	3.9	3.9	3.4	3.5	3.5	3.2
362S162-68	345	300	13.5	10.7	9.3	8.5	7.4	6.3	7.4	6.5	5.5	6.7	5.9	5.0	6.3	5.5	4.6	5.8	5.1	4.3
	345	400	12.2	9.7	8.5	7.7	6.7	5.7	6.7	5.9	5.0	6.1	5.3	4.5	5.5	5.0	4.2	5.0	4.7	3.9
	345	600	10.4	8.5	7.4	6.7	5.9	5.0	5.8	5.1	4.3	5.0	4.7	3.9	4.4	4.3	3.7	3.9	3.9	3.4
362S162-97	345	300	14.9	11.8	10.3	9.4	8.2	6.9	8.2	7.1	6.0	7.4	6.5	5.5	6.9	6.0	5.1	6.5	5.7	4.8
	345	400	13.5	10.7	9.4	8.5	7.4	6.3	7.4	6.5	5.5	6.8	5.9	5.0	6.3	5.5	4.6	5.9	5.2	4.3
	345	600	11.8	9.4	8.2	7.4	6.5	5.5	6.5	5.7	4.8	5.9	5.2	4.3	5.1	4.8	4.0	4.5	4.5	3.8
362S200-33	230	300	8.6	8.6	7.9	6.0	6.0	5.3	4.9	4.9	4.6	4.2	4.2	4.2	3.7	3.7	3.7	3.3i	3.3i	3.3i
	230	400	7.4	7.4	7.1	5.2	5.2	4.8	4.2	4.2	4.2	3.6i	3.6i	3.6i	3.2i	3.2i	3.2i	2.8i	2.8i	2.8i
	230	600	6.0	6.0	6.0	4.2	4.2	4.2	3.3i	3.3i	3.3i	2.8i	2.8i	2.8i	2.5a	2.5a	2.5a	2.2a	2.2a	2.2a

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
362S200-43	230	300	10.4	9.9	8.6	7.3	6.8	5.8	5.9	5.9	5.0	5.1	5.1	4.6	4.5	4.5	4.2	4.1	4.1	4.0
	230	400	8.9	8.9	7.8	6.3	6.2	5.2	5.1	5.1	4.6	4.3	4.3	4.2	3.8	3.8	3.8	3.5	3.5	3.5
	230	600	7.3	7.3	6.8	5.1	5.1	4.6	4.1	4.1	4.0	3.5	3.5	3.5	3.1	3.1	3.1	2.7	2.7	2.7
362S200-54	345	300	13.3	10.6	9.2	8.4	7.3	6.2	7.3	6.4	5.4	6.7	5.8	4.9	6.0	5.4	4.6	5.4	5.1	4.3
	345	400	11.8	9.6	8.4	7.6	6.7	5.6	6.7	5.8	4.9	5.8	5.3	4.5	5.1	4.9	4.1	4.6	4.6	3.9
	345	600	9.6	8.4	7.3	6.7	5.8	4.9	5.4	5.1	4.3	4.6	4.6	3.9	4.1	4.1	3.6	3.7	3.7	3.4
362S200-68	345	300	14.3	11.3	9.9	9.0	7.8	6.6	7.8	6.9	5.8	7.1	6.2	5.3	6.6	5.8	4.9	6.2	5.4	4.6
	345	400	13.0	10.3	9.0	8.2	7.1	6.0	7.1	6.2	5.3	6.5	5.7	4.8	5.9	5.3	4.4	5.3	4.9	4.2
	345	600	11.2	9.0	7.8	7.1	6.2	5.3	6.2	5.4	4.6	5.3	4.9	4.2	4.7	4.6	3.9	4.2	4.2	3.6
362S200-97	345	300	15.8	12.5	10.9	9.9	8.7	7.3	8.7	7.6	6.4	7.9	6.9	5.8	7.3	6.4	5.4	6.9	6.0	5.1
	345	400	14.3	11.4	9.9	9.0	7.9	6.6	7.9	6.9	5.8	7.2	6.3	5.3	6.6	5.8	4.9	6.2	5.5	4.6
	345	600	12.5	9.9	8.7	7.9	6.9	5.8	6.9	6.0	5.1	6.2	5.5	4.6	5.4	5.1	4.3	4.8	4.8	4.0
362S250-33	230	300	8.9	8.9	8.2	6.2	6.2	5.5	5.0	5.0	4.8	4.3	4.3	4.3	3.8i	3.8i	3.8i	3.5i	3.5i	3.5i
	230	400	7.7	7.7	7.4	5.4	5.4	5.0	4.3	4.3	4.3	3.7i	3.7i	3.7i	3.3i	3.3i	3.3i	2.9i	2.9i	2.9i
	230	600	6.2	6.2	6.2	4.3	4.3	4.3	3.5i	3.5i	3.5i	2.9i	2.9i	2.9i	2.6a	2.6a	2.6a	2.3a	2.3a	2.3a
362S250-43	230	300	10.6	10.4	9.1	7.4	7.2	6.1	6.0	6.0	5.3	5.2	5.2	4.8	4.6	4.6	4.5	4.2	4.2	4.2
	230	400	9.2	9.2	8.2	6.4	6.4	5.5	5.2	5.2	4.8	4.4	4.4	4.4	3.9	3.9	3.9	3.5	3.5	3.5
	230	600	7.5	7.5	7.2	5.2	5.2	4.8	4.2	4.2	4.2	3.5	3.5	3.5	3.1	3.1	3.1	2.8i	2.8i	2.8i
362S250-54	345	300	13.9	11.0	9.6	8.7	7.6	6.4	7.6	6.7	5.6	6.9	6.0	5.1	6.1	5.6	4.7	5.5	5.3	4.5
	345	400	12.1	10.0	8.7	7.9	6.9	5.8	6.9	6.0	5.1	5.9	5.5	4.6	5.2	5.1	4.3	4.7	4.7	4.0
	345	600	9.9	8.7	7.6	6.9	6.0	5.1	5.5	5.3	4.5	4.7	4.7	4.0	4.2	4.2	3.8	3.8	3.8	3.5
362S250-68	345	300	15.0	11.9	10.4	9.4	8.3	7.0	8.3	7.2	6.1	7.5	6.6	5.5	7.0	6.1	5.1	6.3	5.7	4.8
	345	400	13.6	10.8	9.4	8.6	7.5	6.3	7.5	6.6	5.5	6.7	6.0	5.0	6.0	5.5	4.7	5.4	5.2	4.4
	345	600	11.3	9.4	8.3	7.5	6.6	5.5	6.3	5.7	4.8	5.4	5.2	4.4	4.7	4.7	4.1	4.2	4.2	3.8
362S250-97	345	300	16.7	13.2	11.6	10.5	9.2	7.7	9.2	8.0	6.8	8.3	7.3	6.1	7.7	6.8	5.7	7.3	6.4	5.4
	345	400	15.2	12.0	10.5	9.5	8.3	7.0	8.3	7.3	6.1	7.6	6.6	5.6	7.0	6.1	5.2	6.5	5.8	4.9
	345	600	13.2	10.5	9.2	8.3	7.3	6.1	7.3	6.4	5.4	6.5	5.8	4.9	5.6	5.4	4.5	4.9	4.9	4.3
362S300-33	230	300	9.1	9.1	8.4	6.3	6.3	5.6	5.1	5.1	4.9	4.4	4.4	4.4	3.9i	3.9i	3.9i	3.5i	3.5i	3.5i
	230	400	7.8	7.8	7.6	5.5	5.5	5.1	4.4	4.4	4.4	3.8i	3.8i	3.8i	3.3i	3.3i	3.3i	3.0i	3.0i	3.0i
	230	600	6.3	6.3	6.3	4.4	4.4	4.4	3.5i	3.5i	3.5i	3.0i	3.0i	3.0i	2.6a	2.6a	2.6a	2.3a	2.3a	2.3a
362S300-43	230	300	10.7	10.7	9.3	7.5	7.4	6.2	6.1	6.1	5.4	5.2	5.2	5.0	4.6	4.6	4.6	4.2	4.2	4.2
	230	400	9.3	9.3	8.5	6.5	6.5	5.7	5.2	5.2	5.0	4.5	4.5	4.5	4.0	4.0	4.0	3.6	3.6	3.6
	230	600	7.5	7.5	7.4	5.2	5.2	5.0	4.2	4.2	4.2	3.6	3.6	3.6	3.1	3.1	3.1	2.8i	2.8i	2.8i
362S300-54	345	300	14.2	11.3	9.9	9.0	7.8	6.6	7.8	6.8	5.8	7.0	6.2	5.2	6.2	5.8	4.9	5.6	5.4	4.6
	345	400	12.3	10.3	9.0	8.1	7.1	6.0	7.0	6.2	5.2	6.0	5.6	4.8	5.3	5.2	4.4	4.8	4.8	4.2
	345	600	10.0	9.0	7.8	7.0	6.2	5.2	5.6	5.4	4.6	4.8	4.8	4.2	4.2	4.2	3.9	3.8	3.8	3.6
362S300-68	345	300	15.5	12.3	10.7	9.8	8.5	7.2	8.5	7.4	6.3	7.7	6.8	5.7	7.1	6.3	5.3	6.4	5.9	5.0
	345	400	14.1	11.2	9.8	8.9	7.7	6.5	7.7	6.8	5.7	6.9	6.1	5.2	6.1	5.7	4.8	5.5	5.4	4.5
	345	600	11.6	9.8	8.5	7.7	6.8	5.7	6.4	5.9	5.0	5.5	5.4	4.5	4.8	4.8	4.2	4.3	4.3	4.0
362S300-97	345	300	17.4	13.8	12.1	11.0	9.6	8.1	9.6	8.4	7.1	8.7	7.6	6.4	8.1	7.1	6.0	7.6	6.6	5.6
	345	400	15.8	12.6	11.0	10.0	8.7	7.3	8.7	7.6	6.4	7.9	6.9	5.8	7.2	6.4	5.4	6.4	6.0	5.1
	345	600	13.8	11.0	9.6	8.7	7.6	6.4	7.6	6.6	5.6	6.4	6.0	5.1	5.5	5.5	4.7	4.9	4.9	4.4

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
250S125-33	230	300	2.0	2.0	2.0	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
	230	400	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.3i	1.3i	1.3i	1.3i	1.3i	1.3i
	230	600	1.4	1.4	1.4	1.3i	1.3i	1.3i	1.2i	1.2i	1.2i	1.1i	1.1i	1.1i	1.0i	1.0i	1.0i	1.0i	1.0i	1.0i
250S125-43	230	300	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
	230	400	2.0	2.0	2.0	1.9	1.9	1.9	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
	230	600	1.6	1.6	1.6	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
250S125-54	345	300	3.1	3.1	2.6	2.9	2.9	2.5	2.7	2.7	2.4	2.6	2.6	2.3	2.5	2.5	2.3	2.3	2.3	2.2
	345	400	2.7	2.7	2.4	2.5	2.5	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0
	345	600	2.1	2.1	2.1	2.0	2.0	2.0	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5
250S162-33	230	300	2.4	2.4	2.4	2.2	2.2	2.2	2.1	2.1	2.1	1.9i	1.9i	1.9i	1.8i	1.8i	1.8i	1.7i	1.7i	1.7i
	230	400	2.0	2.0	2.0	1.9i	1.9i	1.9i	1.7i	1.7i	1.7i	1.6i	1.6i	1.6i	1.5i	1.5i	1.5i	1.5i	1.5i	1.5i
	230	600	1.6i	1.6i	1.6i	1.5i	1.5i	1.5i	1.3i	1.3i	1.3i	1.3i	1.3i	1.3i	1.2a	1.2a	1.2a	1.1a	1.1a	1.1a
250S162-43	230	300	2.8	2.8	2.7	2.6	2.6	2.6	2.4	2.4	2.4	2.3	2.3	2.3	2.1	2.1	2.1	2.0	2.0	2.0
	230	400	2.4	2.4	2.4	2.2	2.2	2.2	2.0	2.0	2.0	1.9	1.9	1.9	1.7	1.7	1.7	1.6	1.6	1.6
	230	600	1.8	1.8	1.8	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2
250S162-54	345	300	3.8	3.4	2.9	3.5	3.3	2.8	3.3	3.2	2.7	3.1	3.0	2.6	2.9	2.9	2.5	2.7	2.7	2.4
	345	400	3.2	3.1	2.6	3.0	3.0	2.5	2.7	2.7	2.4	2.6	2.6	2.3	2.4	2.4	2.3	2.3	2.3	2.2
	345	600	2.5	2.5	2.3	2.3	2.3	2.2	2.1	2.1	2.1	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
250S162-68	345	300	4.1	3.7	3.1	3.8	3.5	3.0	3.5	3.4	2.8	3.3	3.3	2.7	3.1	3.1	2.7	2.9	2.9	2.6
	345	400	3.4	3.3	2.8	3.1	3.1	2.7	2.9	2.9	2.6	2.7	2.7	2.5	2.5	2.5	2.4	2.3	2.3	2.3
	345	600	2.6	2.6	2.5	2.3	2.3	2.3	2.1	2.1	2.1	2.0	2.0	2.0	1.8	1.8	1.8	1.7	1.7	1.7
362S125-33	230	300	2.5	2.5	2.5	2.3	2.3	2.3	2.2i	2.2i	2.2i	2.0i	2.0i	2.0i	1.9i	1.9i	1.9i	1.8i	1.8i	1.8i
	230	400	2.1i	2.1i	2.1i	2.0i	2.0i	2.0i	1.8i	1.8i	1.8i	1.7i	1.7i	1.7i	1.6i	1.6i	1.6i	1.6a	1.6a	1.6a
	230	600	1.7i	1.7i	1.7i	1.6a	1.6a	1.6a	1.5a	1.5a	1.5a	1.4a	1.4a	1.4a	1.3a	1.3a	1.3a	1.2a	1.2a	1.2a
362S125-43	230	300	2.9	2.9	2.9	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.3	2.3	2.3	2.2	2.2	2.2
	230	400	2.5	2.5	2.5	2.4	2.4	2.4	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
	230	600	2.1	2.1	2.1	1.9	1.9	1.9	1.8	1.8	1.8	1.7i	1.7i	1.7i	1.6i	1.6i	1.6i	1.5i	1.5i	1.5i
362S125-54	345	300	3.9	3.9	3.5	3.7	3.7	3.3	3.5	3.5	3.2	3.3	3.3	3.1	3.1	3.1	3.0	3.0	3.0	2.9
	345	400	3.4	3.4	3.2	3.2	3.2	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6
	345	600	2.8	2.8	2.8	2.6	2.6	2.6	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1
362S162-33	230	300	2.9i	2.9i	2.9i	2.7i	2.7i	2.7i	2.6i	2.6i	2.6i	2.4i	2.4i	2.4i	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a
	230	400	2.5i	2.5i	2.5i	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a
	230	600	2.0a	2.0a	2.0a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a	1.5a	1.5a	1.5a	1.4a	1.4a	1.4a
362S162-43	230	300	3.5	3.5	3.5	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.7	2.7	2.6	2.6	2.6
	230	400	3.0	3.0	3.0	2.8	2.8	2.8	2.6	2.6	2.6	2.4	2.4	2.4	2.3i	2.3i	2.3i	2.2i	2.2i	2.2i
	230	600	2.4i	2.4i	2.4i	2.2i	2.2i	2.2i	2.0i	2.0i	2.0i	1.9i	1.9i	1.9i	1.8i	1.8i	1.8i	1.7i	1.7i	1.7i
362S162-54	345	300	4.8	4.6	3.9	4.4	4.4	3.7	4.2	4.2	3.5	3.9	3.9	3.4	3.7	3.7	3.3	3.5	3.5	3.2
	345	400	4.1	4.1	3.5	3.8	3.8	3.3	3.5	3.5	3.2	3.3	3.3	3.1	3.2	3.2	3.0	3.0	3.0	2.9
	345	600	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.3	2.3	2.3
362S162-68	345	300	5.4	4.9	4.1	5.0	4.7	3.9	4.7	4.5	3.8	4.4	4.3	3.7	4.1	4.1	3.5	3.9	3.9	3.4
	345	400	4.6	4.4	3.7	4.2	4.2	3.6	3.9	3.9	3.4	3.7	3.7	3.3	3.5	3.5	3.2	3.3	3.3	3.1
	345	600	3.6	3.6	3.3	3.3	3.3	3.1	3.1	3.1	3.0	2.9	2.9	2.9	2.7	2.7	2.7	2.6	2.6	2.6
362S162-97	345	300	6.2	5.4	4.5	5.9	5.2	4.3	5.5	5.0	4.2	5.1	4.8	4.0	4.8	4.6	3.9	4.5	4.5	3.8
	345	400	5.4	4.9	4.1	4.9	4.7	3.9	4.5	4.5	3.8	4.2	4.2	3.7	4.0	4.0	3.6	3.7	3.7	3.4
	345	600	4.1	4.1	3.6	3.7	3.7	3.4	3.4	3.4	3.3	3.2	3.2	3.2	2.9	2.9	2.9	2.7	2.7	2.7
362S200-33	230	300	3.1i	3.1i	3.1i	2.8i	2.8i	2.8i	2.7i	2.7i	2.7i	2.5a	2.5a	2.5a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a
	230	400	2.6i	2.6i	2.6i	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a
	230	600	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a	1.5a	1.5a	1.5a	1.4a	1.4a	1.4a
362S200-43	230	300	3.7	3.7	3.7	3.5	3.5	3.5	3.2	3.2	3.2	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.7	2.7
	230	400	3.2	3.2	3.2	2.9	2.9	2.9	2.7	2.7	2.7	2.6i	2.6i	2.6i	2.4i	2.4i	2.4i	2.3i	2.3i	2.3i
	230	600	2.5i	2.5i	2.5i	2.3i	2.3i	2.3i	2.1i	2.1i	2.1i	2.0i	2.0i	2.0i	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a
362S200-54	345	300	5.0	4.8	4.1	4.6	4.6	3.9	4.3	4.3	3.7	4.1	4.1	3.6	3.9	3.9	3.5	3.7	3.7	3.4
	345	400	4.3	4.3	3.7	3.9	3.9	3.5	3.7	3.7	3.4	3.5	3.5	3.3	3.3	3.3	3.2	3.1	3.1	3.1
	345	600	3.4	3.4	3.2	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.7	2.7	2.6	2.6	2.6	2.4	2.4	2.4
362S200-68	345	300	5.7	5.2	4.4	5.3	4.9	4.2	5.0	4.8	4.0	4.7	4.6	3.9	4.4	4.4	3.7	4.2	4.2	3.6
	345	400	4.9	4.7	4.0	4.5	4.5	3.8	4.2	4.2	3.6	3.9	3.9	3.5	3.7	3.7	3.4	3.5	3.5	3.3
	345	600	3.8	3.8	3.5	3.5	3.5	3.3	3.3	3.3	3.2	3.0	3.0	3.0	2.9	2.9	2.9	2.7	2.7	2.7
362S200-97	345	300	6.5	5.7	4.8	6.2	5.5	4.6	5.8	5.3	4.4	5.4	5.1	4.3	5.1	4.9	4.1	4.8	4.8	4.0
	345	400	5.7	5.2	4.4	5.2	5.0	4.2	4.8	4.8	4.0	4.4	4.4	3.9	4.1	4.1	3.8	3.9	3.9	3.7
	345	600	4.3	4.3	3.8	3.9	3.9	3.7	3.5	3.5	3.5	3.3	3.3	3.3	3.0	3.0	3.0	2.8	2.8	2.8

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
362S250-33	230	300	3.2i	3.2i	3.2i	2.9i	2.9i	2.9i	2.7a	2.7a	2.7a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.3a	2.3a	2.3a
	230	400	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a
	230	600	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.5a	1.5a	1.5a	1.5a	1.5a	1.5a
362S250-43	230	300	3.8	3.8	3.8	3.5	3.5	3.5	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9	2.8i	2.8i	2.8i
	230	400	3.2	3.2	3.2	3.0	3.0	3.0	2.8i	2.8i	2.8i	2.6i	2.6i	2.6i	2.5i	2.5i	2.5i	2.3i	2.3i	2.3i
	230	600	2.5i	2.5i	2.5i	2.3i	2.3i	2.3i	2.2i	2.2i	2.2i	2.0i	2.0i	2.0i	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a
362S250-54	345	300	5.1	5.0	4.2	4.7	4.7	4.0	4.4	4.4	3.9	4.2	4.2	3.8	4.0	4.0	3.6	3.8	3.8	3.5
	345	400	4.4	4.4	3.8	4.0	4.0	3.7	3.8	3.8	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.2
	345	600	3.4	3.4	3.4	3.2	3.2	3.2	3.0	3.0	3.0	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5
362S250-68	345	300	5.8	5.4	4.6	5.4	5.2	4.4	5.0	5.0	4.2	4.7	4.7	4.1	4.5	4.5	3.9	4.2	4.2	3.8
	345	400	4.9	4.9	4.2	4.6	4.6	4.0	4.2	4.2	3.8	4.0	4.0	3.7	3.8	3.8	3.6	3.6	3.6	3.5
	345	600	3.9	3.9	3.6	3.6	3.6	3.5	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.7	2.7
362S250-97	345	300	6.9	6.0	5.1	6.5	5.8	4.9	6.0	5.6	4.7	5.6	5.4	4.5	5.2	5.2	4.4	4.9	4.9	4.3
	345	400	5.8	5.5	4.6	5.3	5.3	4.4	4.9	4.9	4.3	4.5	4.5	4.1	4.2	4.2	4.0	4.0	4.0	3.9
	345	600	4.4	4.4	4.0	4.0	4.0	3.9	3.6	3.6	3.6	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9
362S300-33	230	300	3.2i	3.2i	3.2i	3.0i	3.0i	3.0i	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a
	230	400	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a
	230	600	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a	1.5a	1.5a	1.5a
362S300-43	230	300	3.9	3.9	3.9	3.6	3.6	3.6	3.3	3.3	3.3	3.1	3.1	3.1	3.0	3.0	3.0	2.8i	2.8i	2.8i
	230	400	3.3	3.3	3.3	3.0	3.0	3.0	2.8i	2.8i	2.8i	2.6i	2.6i	2.6i	2.5i	2.5i	2.5i	2.4i	2.4i	2.4i
	230	600	2.6i	2.6i	2.6i	2.4i	2.4i	2.4i	2.2i	2.2i	2.2i	2.0i	2.0i	2.0i	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a
362S300-54	345	300	5.2	5.2	4.4	4.8	4.8	4.2	4.5	4.5	4.0	4.2	4.2	3.9	4.0	4.0	3.7	3.8	3.8	3.6
	345	400	4.4	4.4	4.0	4.1	4.1	3.8	3.8	3.8	3.6	3.6	3.6	3.5	3.4	3.4	3.4	3.2	3.2	3.2
	345	600	3.5	3.5	3.5	3.2	3.2	3.2	3.0	3.0	3.0	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5
362S300-68	345	300	5.9	5.6	4.7	5.5	5.4	4.5	5.1	5.1	4.4	4.8	4.8	4.2	4.5	4.5	4.1	4.3	4.3	4.0
	345	400	5.0	5.0	4.3	4.6	4.6	4.1	4.3	4.3	4.0	4.0	4.0	3.8	3.8	3.8	3.7	3.6	3.6	3.6
	345	600	3.9	3.9	3.8	3.6	3.6	3.6	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.7	2.7
362S300-97	345	300	7.0	6.3	5.3	6.4	6.0	5.1	5.9	5.8	4.9	5.5	5.5	4.7	5.2	5.2	4.6	4.9	4.9	4.4
	345	400	5.8	5.7	4.8	5.3	5.3	4.6	4.9	4.9	4.4	4.5	4.5	4.3	4.2	4.2	4.2	3.9	3.9	3.9
	345	600	4.4	4.4	4.2	3.9	3.9	3.9	3.6	3.6	3.6	3.3	3.3	3.3	3.1	3.1	3.1	2.8	2.8	2.8

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
400S125-33	230	300	6.9	6.3	5.5	4.9	4.4	3.7	4.0	3.8	3.2	3.4	3.4	2.9	3.1	3.1	2.7	2.8	2.8	2.6
	230	400	5.9	5.7	5.0	4.2	4.0	3.4	3.4	3.4	2.9	3.0	3.0	2.7	2.7	2.7	2.5	2.4e	2.4e	2.3e
	230	600	4.9	4.9	4.4	3.4	3.4	2.9	2.8	2.8	2.6	2.4e	2.4e	2.3e	2.2e	2.2e	2.2e	2.0e	2.0e	2.0e
400S125-43	230	300	8.3	6.9	6.0	5.5	4.8	4.0	4.8	4.2	3.5	4.1	3.8	3.2	3.7	3.5	3.0	3.4	3.3	2.8
	230	400	7.2	6.2	5.5	5.0	4.3	3.7	4.1	3.8	3.2	3.6	3.4	2.9	3.2	3.2	2.7	2.9	2.9	2.5
	230	600	5.8	5.5	4.8	4.1	3.8	3.2	3.4	3.3	2.8	2.9	2.9	2.5	2.6	2.6	2.4	2.4	2.4	2.2
400S125-54	345	300	9.3	7.4	6.4	5.8	5.1	4.3	5.1	4.5	3.8	4.6	4.0	3.4	4.3	3.8	3.2	4.0	3.5	3.0
	345	400	8.4	6.7	5.8	5.3	4.6	3.9	4.6	4.0	3.4	4.2	3.7	3.1	3.9	3.4	2.9	3.7	3.2	2.7
	345	600	7.4	5.8	5.1	4.6	4.0	3.4	4.0	3.5	3.0	3.7	3.2	2.7	3.4	3.0	2.5	3.2	2.8	2.4
400S162-33	230	300	8.7	6.9	6.1	5.5	4.8	4.1	4.8	4.2	3.5	4.3	3.8	3.2	3.9e	3.5	3.0	3.5e	3.3e	2.8
	230	400	7.5	6.3	5.5	5.0	4.4	3.7	4.3	3.8	3.2	3.7e	3.5e	2.9	3.4e	3.2e	2.7	3.1e	3.0e	2.6e
	230	600	6.1	5.5	4.8	4.3	3.8	3.2	3.5e	3.3e	2.8	3.1e	3.0e	2.6e	2.7e	2.7e	2.4e	2.5e	2.5e	2.2e
400S162-43	230	300	9.5	7.5	6.6	6.0	5.2	4.4	5.2	4.6	3.9	4.8	4.1	3.5	4.4	3.9	3.2	4.1	3.6	3.1
	230	400	8.6	6.9	6.0	5.4	4.8	4.0	4.8	4.1	3.5	4.3	3.8	3.2	4.0	3.5	3.0	3.6	3.3	2.8
	230	600	7.3	6.0	5.2	4.8	4.1	3.5	4.1	3.6	3.1	3.6	3.3	2.8	3.2e	3.1e	2.6	3.0e	2.9e	2.4
400S162-54	345	300	10.2	8.1	7.1	6.4	5.6	4.7	5.6	4.9	4.1	5.1	4.4	3.8	4.7	4.1	3.5	4.4	3.9	3.3
	345	400	9.3	7.3	6.4	5.8	5.1	4.3	5.1	4.4	3.8	4.6	4.0	3.4	4.3	3.8	3.2	4.0	3.5	3.0
	345	600	8.1	6.4	5.6	5.1	4.4	3.8	4.4	3.9	3.3	4.0	3.5	3.0	3.8	3.3	2.8	3.5	3.1	2.6
400S162-68	345	300	10.9	8.6	7.6	6.9	6.0	5.1	6.0	5.2	4.4	5.4	4.8	4.0	5.1	4.4	3.7	4.8	4.2	3.5
	345	400	9.9	7.9	6.9	6.2	5.4	4.6	5.4	4.8	4.0	5.0	4.3	3.6	4.6	4.0	3.4	4.3	3.8	3.2
	345	600	8.6	6.9	6.0	5.4	4.8	4.0	4.8	4.2	3.5	4.3	3.8	3.2	4.0	3.5	3.0	3.8	3.3	2.8
400S162-97	345	300	12.0	9.6	8.3	7.6	6.6	5.6	6.6	5.8	4.9	6.0	5.3	4.4	5.6	4.9	4.1	5.3	4.6	3.9
	345	400	10.9	8.7	7.6	6.9	6.0	5.1	6.0	5.3	4.4	5.5	4.8	4.0	5.1	4.4	3.7	4.8	4.2	3.5
	345	600	9.6	7.6	6.6	6.0	5.3	4.4	5.3	4.6	3.9	4.8	4.2	3.5	4.4	3.9	3.3	4.2	3.6	3.1
400S200-33	230	300	9.2	7.3	6.3	5.8	5.0	4.2	5.0	4.4	3.7	4.6e	4.0	3.4	4.1e	3.7e	3.1	3.7e	3.5e	2.9
	230	400	7.9	6.6	5.8	5.2	4.6	3.9	4.6e	4.0	3.4	4.0e	3.6e	3.1	3.5e	3.4e	2.8e	3.2e	3.2e	2.7e
	230	600	6.5	5.8	5.0	4.6e	4.0	3.4	3.7e	3.5e	2.9	3.2e	3.2e	2.7e	2.9e	2.9e	2.5e	2.6e	2.6e	2.3e
400S200-43	230	300	10.0	8.0	6.9	6.3	5.5	4.7	5.5	4.8	4.1	5.0	4.4	3.7	4.7	4.1	3.4	4.4	3.8	3.2
	230	400	9.1	7.2	6.3	5.7	5.0	4.2	5.0	4.4	3.7	4.6	4.0	3.4	4.2	3.7	3.1	3.9e	3.5	2.9
	230	600	7.8	6.3	5.5	5.0	4.4	3.7	4.4	3.8	3.2	3.9e	3.5	2.9	3.5e	3.2e	2.7	3.2e	3.0e	2.6e
400S200-54	345	300	10.7	8.5	7.5	6.8	5.9	5.0	5.9	5.2	4.4	5.4	4.7	4.0	5.0	4.4	3.7	4.7	4.1	3.5
	345	400	9.8	7.8	6.8	6.2	5.4	4.5	5.4	4.7	4.0	4.9	4.3	3.6	4.5	4.0	3.3	4.3	3.7	3.1
	345	600	8.5	6.8	5.9	5.4	4.7	4.0	4.7	4.1	3.5	4.3	3.7	3.1	4.0	3.5	2.9	3.7	3.3	2.7
400S200-68	345	300	11.5	9.1	8.0	7.3	6.3	5.3	6.3	5.5	4.7	5.8	5.0	4.2	5.3	4.7	3.9	5.0	4.4	3.7
	345	400	10.5	8.3	7.3	6.6	5.8	4.9	5.8	5.0	4.2	5.2	4.6	3.9	4.9	4.2	3.6	4.6	4.0	3.4
	345	600	9.1	7.3	6.3	5.8	5.0	4.2	5.0	4.4	3.7	4.6	4.0	3.4	4.2	3.7	3.1	4.0	3.5	2.9
400S200-97	345	300	12.7	10.1	8.8	8.0	7.0	5.9	7.0	6.1	5.2	6.4	5.6	4.7	5.9	5.2	4.4	5.6	4.9	4.1
	345	400	11.6	9.2	8.0	7.3	6.4	5.4	6.4	5.6	4.7	5.8	5.1	4.3	5.4	4.7	4.0	5.1	4.4	3.7
	345	600	10.1	8.0	7.0	6.4	5.6	4.7	5.6	4.9	4.1	5.1	4.4	3.7	4.7	4.1	3.5	4.4	3.9	3.3
400S250-33	230	300	9.5	7.5	6.6	6.0	5.2	4.4	5.2	4.6	3.9	4.7e	4.2	3.5	4.2e	3.9e	3.3	3.9e	3.6e	3.1e
	230	400	8.2	6.9	6.0	5.4	4.8	4.0	4.7e	4.2	3.5	4.1e	3.8e	3.2	3.7e	3.5e	3.0e	3.4e	3.3e	2.8e
	230	600	6.7	6.0	5.2	4.7e	4.2	3.5	3.9e	3.6e	3.1e	3.4e	3.3e	2.8e	3.0e	3.0e	2.6e	2.7e	2.7e	2.4e
400S250-43	230	300	10.5	8.4	7.3	6.6	5.8	4.9	5.8	5.1	4.3	5.3	4.6	3.9	4.9	4.3	3.6	4.6	4.0	3.4
	230	400	9.6	7.6	6.6	6.0	5.3	4.4	5.3	4.6	3.9	4.8	4.2	3.5	4.4	3.9	3.3	4.0e	3.7	3.1
	230	600	8.0	6.6	5.8	5.3	4.6	3.9	4.6	4.0	3.4	4.0e	3.7	3.1	3.6e	3.4e	2.9	3.3e	3.2e	2.7e

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
400S250-54	345	300	11.2	8.9	7.7	7.0	6.1	5.2	6.1	5.4	4.5	5.6	4.9	4.1	5.2	4.5	3.8	4.9	4.3	3.6
	345	400	10.1	8.1	7.0	6.4	5.6	4.7	5.6	4.9	4.1	5.1	4.4	3.7	4.7	4.1	3.5	4.4	3.9	3.3
	345	600	8.9	7.0	6.1	5.6	4.9	4.1	4.9	4.3	3.6	4.4	3.9	3.3	4.1	3.6	3.0	3.9	3.4	2.9
400S250-68	345	300	12.1	9.6	8.4	7.6	6.7	5.6	6.7	5.8	4.9	6.1	5.3	4.5	5.6	4.9	4.1	5.3	4.6	3.9
	345	400	11.0	8.7	7.6	6.9	6.1	5.1	6.1	5.3	4.5	5.5	4.8	4.1	5.1	4.5	3.8	4.8	4.2	3.5
	345	600	9.6	7.6	6.7	6.1	5.3	4.5	5.3	4.6	3.9	4.8	4.2	3.5	4.5	3.9	3.3	4.2	3.7	3.1
400S250-97	345	300	13.5	10.7	9.3	8.5	7.4	6.3	7.4	6.5	5.5	6.7	5.9	5.0	6.3	5.5	4.6	5.9	5.1	4.3
	345	400	12.2	9.7	8.5	7.7	6.7	5.7	6.7	5.9	5.0	6.1	5.3	4.5	5.7	5.0	4.2	5.3	4.7	3.9
	345	600	10.7	8.5	7.4	6.7	5.9	5.0	5.9	5.1	4.3	5.3	4.7	3.9	5.0	4.3	3.7	4.7	4.1	3.4
400S300-33	230	300	9.7	7.8	6.8	6.2	5.4	4.5	5.4	4.7	4.0	4.8e	4.3	3.6	4.3e	4.0e	3.3	3.9e	3.7e	3.1e
	230	400	8.4	7.1	6.2	5.6	4.9	4.1	4.8e	4.3	3.6	4.2e	3.9e	3.3	3.7e	3.6e	3.0e	3.4e	3.4e	2.9e
	230	600	6.8	6.2	5.4	4.8e	4.3	3.6	3.9e	3.7e	3.1e	3.4e	3.4e	2.9e	3.1e	3.1e	2.7e	2.8e	2.8e	2.5e
400S300-43	230	300	10.8	8.6	7.5	6.8	6.0	5.0	6.0	5.2	4.4	5.4	4.7	4.0	5.0	4.4	3.7	4.7	4.1	3.5
	230	400	9.8	7.8	6.8	6.2	5.4	4.6	5.4	4.7	4.0	4.9	4.3	3.6	4.4	4.0	3.4	4.0e	3.8	3.2
	230	600	8.1	6.8	6.0	5.4	4.7	4.0	4.7	4.1	3.5	4.0e	3.8	3.2	3.6e	3.5e	2.9	3.3e	3.3e	2.8e
400S300-54	345	300	11.5	9.1	8.0	7.2	6.3	5.3	6.3	5.5	4.7	5.7	5.0	4.2	5.3	4.7	3.9	5.0	4.4	3.7
	345	400	10.4	8.3	7.2	6.6	5.7	4.8	5.7	5.0	4.2	5.2	4.6	3.8	4.8	4.2	3.6	4.6	4.0	3.4
	345	600	9.1	7.2	6.3	5.7	5.0	4.2	5.0	4.4	3.7	4.6	4.0	3.4	4.2	3.7	3.1	4.0	3.5	2.9
400S300-68	345	300	12.5	9.9	8.7	7.9	6.9	5.8	6.9	6.0	5.1	6.2	5.5	4.6	5.8	5.1	4.3	5.5	4.8	4.0
	345	400	11.3	9.0	7.9	7.1	6.2	5.3	6.2	5.5	4.6	5.7	5.0	4.2	5.3	4.6	3.9	5.0	4.3	3.6
	345	600	9.9	7.9	6.9	6.2	5.5	4.6	5.5	4.8	4.0	5.0	4.3	3.6	4.6	4.0	3.4	4.3	3.8	3.2
400S300-97	345	300	14.0	11.1	9.7	8.8	7.7	6.5	7.7	6.8	5.7	7.0	6.1	5.2	6.5	5.7	4.8	6.1	5.4	4.5
	345	400	12.8	10.1	8.8	8.0	7.0	5.9	7.0	6.1	5.2	6.4	5.6	4.7	5.9	5.2	4.4	5.6	4.9	4.1
	345	600	11.1	8.8	7.7	7.0	6.1	5.2	6.1	5.4	4.5	5.6	4.9	4.1	5.2	4.5	3.8	4.9	4.3	3.6

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
400S125-33	230	300	2.6e	2.6e	2.4	2.4e	2.4e	2.3e	2.3e	2.3e	2.2e	2.2e	2.2e	2.2e	2.1e	2.1e	2.1e	2.0e	2.0e	2.0e
	230	400	2.2e	2.2e	2.2e	2.1e	2.1e	2.1e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.7e	1.7e	1.7e
	230	600	1.8e	1.8e	1.8e	1.7e	1.7e	1.7e	1.6e	1.6e	1.6e	1.5e	1.5e	1.5e	1.5e	1.5e	1.5e	1.4e	1.4e	1.4e
400S125-43	230	300	3.1	3.1	2.6	2.9	2.9	2.5	2.8	2.8	2.4	2.6	2.6	2.4	2.5	2.5	2.3	2.4	2.4	2.2
	230	400	2.7	2.7	2.4	2.5	2.5	2.3	2.4	2.4	2.2	2.3	2.3	2.1	2.2e	2.2e	2.1	2.1e	2.1e	2.0e
	230	600	2.2e	2.2e	2.1	2.1e	2.1e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.8e	1.8e	1.8e	1.7e	1.7e	1.7e
400S125-54	345	300	3.8	3.4	2.8	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.4
	345	400	3.5	3.1	2.6	3.3	2.9	2.5	3.2	2.8	2.4	3.0	2.7	2.3	2.9	2.6	2.2	2.8	2.5	2.2
	345	600	2.9	2.7	2.2	2.8	2.5	2.2	2.6	2.5	2.1	2.5	2.4	2.0	2.4	2.3	1.9	2.3	2.2	1.9
400S162-33	230	300	3.3e	3.2e	2.7e	3.1e	3.0e	2.6e	2.9e	2.9e	2.5e	2.7e	2.7e	2.4e	2.6e	2.6e	2.3e	2.5e	2.5e	2.2e
	230	400	2.8e	2.8e	2.4e	2.7e	2.7e	2.3e	2.5e	2.5e	2.2e	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e
	230	600	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.8e	1.8e	1.8e
400S162-43	230	300	3.9	3.4	2.9	3.6	3.3	2.8	3.4e	3.2	2.7	3.2e	3.1e	2.6	3.1e	3.0e	2.5	3.0e	2.9e	2.4
	230	400	3.4e	3.1	2.6	3.1e	3.0e	2.5	3.0e	2.9e	2.4	2.8e	2.8e	2.3e	2.7e	2.7e	2.3e	2.6e	2.6e	2.2e
	230	600	2.7e	2.7e	2.3e	2.6e	2.6e	2.2e	2.4e	2.4e	2.1e	2.3e	2.3e	2.0e	2.2e	2.2e	2.0e	2.1e	2.1e	1.9e
400S162-54	345	300	4.2	3.7	3.1	4.0	3.5	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6
	345	400	3.8	3.4	2.8	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.4
	345	600	3.4	2.9	2.5	3.2	2.8	2.4	3.1	2.7	2.3	3.0	2.6	2.2	2.9	2.5	2.1	2.8	2.4	2.1
400S162-68	345	300	4.5	3.9	3.3	4.3	3.8	3.2	4.2	3.6	3.1	4.0	3.5	3.0	3.9	3.4	2.9	3.8	3.3	2.8
	345	400	4.1	3.6	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5
	345	600	3.6	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.3	3.1	2.7	2.3	3.0	2.6	2.2
400S162-97	345	300	5.0	4.4	3.7	4.8	4.2	3.5	4.6	4.0	3.4	4.4	3.9	3.3	4.3	3.8	3.2	4.2	3.6	3.1
	345	400	4.5	4.0	3.3	4.3	3.8	3.2	4.2	3.6	3.1	4.0	3.5	3.0	3.9	3.4	2.9	3.8	3.3	2.8
	345	600	4.0	3.5	2.9	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4
400S200-33	230	300	3.5e	3.3e	2.8e	3.2e	3.2e	2.7e	3.1e	3.1e	2.6e	2.9e	2.9e	2.5e	2.8e	2.8e	2.4e	2.6e	2.6e	2.3e
	230	400	3.0e	3.0e	2.5e	2.8e	2.8e	2.4e	2.6e	2.6e	2.3e	2.5e	2.5e	2.3e	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e
	230	600	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e	2.0e	2.0e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.9e
400S200-43	230	300	4.2	3.6	3.1	3.9e	3.5	2.9	3.7e	3.3	2.8	3.5e	3.2e	2.7	3.3e	3.1e	2.6	3.2e	3.0e	2.6e
	230	400	3.6e	3.3e	2.8	3.4e	3.2e	2.7	3.2e	3.0e	2.6e	3.0e	2.9e	2.5e	2.9e	2.8e	2.4e	2.8e	2.8e	2.3e
	230	600	2.9e	2.9e	2.4e	2.8e	2.8e	2.3e	2.6e	2.6e	2.2e	2.5e	2.5e	2.2e	2.3e	2.3e	2.1e	2.2e	2.2e	2.0e
400S200-54	345	300	4.5	3.9	3.3	4.3	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9	3.8	3.4	2.8	3.7	3.3	2.7
	345	400	4.1	3.5	3.0	3.9	3.4	2.9	3.7	3.3	2.7	3.6	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.5
	345	600	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.8	2.4	3.1	2.7	2.3	3.0	2.7	2.2	3.0e	2.6	2.2
400S200-68	345	300	4.8	4.2	3.5	4.6	4.0	3.4	4.4	3.8	3.2	4.2	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9
	345	400	4.3	3.8	3.2	4.2	3.6	3.1	4.0	3.5	2.9	3.9	3.4	2.8	3.7	3.3	2.8	3.6	3.2	2.7
	345	600	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.0	2.6	3.4	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.3
400S200-97	345	300	5.3	4.6	3.9	5.1	4.4	3.7	4.9	4.2	3.6	4.7	4.1	3.5	4.5	4.0	3.4	4.4	3.9	3.3
	345	400	4.8	4.2	3.5	4.6	4.0	3.4	4.4	3.9	3.3	4.3	3.7	3.1	4.1	3.6	3.0	4.0	3.5	3.0
	345	600	4.2	3.7	3.1	4.0	3.5	3.0	3.9	3.4	2.8	3.7	3.3	2.7	3.6	3.2	2.7	3.5	3.1	2.6
400S250-33	230	300	3.6e	3.4e	2.9e	3.4e	3.3e	2.8e	3.2e	3.2e	2.7e	3.0e	3.0e	2.6e	2.9e	2.9e	2.5e	2.7e	2.7e	2.4e
	230	400	3.1e	3.1e	2.6e	2.9e	2.9e	2.5e	2.7e	2.7e	2.4e	2.6e	2.6e	2.3e	2.5e	2.5e	2.3e	2.4e	2.4e	2.2e
	230	600	2.5e	2.5e	2.3e	2.4e	2.4e	2.2e	2.2e	2.2e	2.1e	2.1e	2.1e	2.0e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e
400S250-43	230	300	4.3	3.8	3.2	4.0e	3.7	3.1	3.8e	3.5e	3.0	3.6e	3.4e	2.9	3.4e	3.3e	2.8e	3.3e	3.2e	2.7e
	230	400	3.7e	3.5e	2.9	3.5e	3.3e	2.8	3.3e	3.2e	2.7e	3.1e	3.1e	2.6e	3.0e	3.0e	2.5e	2.8e	2.8e	2.4e
	230	600	3.0e	3.0e	2.6e	2.8e	2.8e	2.4e	2.7e	2.7e	2.4e	2.5e	2.5e	2.3e	2.4e	2.4e	2.2e	2.3e	2.3e	2.1e

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
400S250-54	345	300	4.6	4.0	3.4	4.4	3.9	3.3	4.3	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9	3.9	3.4	2.9
	345	400	4.2	3.7	3.1	4.0	3.5	3.0	3.9	3.4	2.9	3.7	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6
	345	600	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.4	3.2	2.8	2.3	3.0e	2.7	2.3
400S250-68	345	300	5.0	4.4	3.7	4.8	4.2	3.5	4.6	4.0	3.4	4.5	3.9	3.3	4.3	3.8	3.2	4.2	3.7	3.1
	345	400	4.6	4.0	3.4	4.4	3.8	3.2	4.2	3.7	3.1	4.1	3.5	3.0	3.9	3.4	2.9	3.8	3.3	2.8
	345	600	4.0	3.5	2.9	3.8	3.3	2.8	3.7	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5	3.3	2.9	2.5
400S250-97	345	300	5.6	4.9	4.1	5.3	4.7	3.9	5.1	4.5	3.8	5.0	4.3	3.7	4.8	4.2	3.5	4.7	4.1	3.4
	345	400	5.1	4.4	3.7	4.9	4.2	3.6	4.7	4.1	3.4	4.5	3.9	3.3	4.4	3.8	3.2	4.2	3.7	3.1
	345	600	4.4	3.9	3.3	4.2	3.7	3.1	4.1	3.6	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.7	3.2	2.7
400S300-33	230	300	3.7e	3.5e	3.0e	3.4e	3.4e	2.9e	3.2e	3.2e	2.8e	3.1e	3.1e	2.7e	2.9e	2.9e	2.6e	2.8e	2.8e	2.5e
	230	400	3.2e	3.2e	2.7e	3.0e	3.0e	2.6e	2.8e	2.8e	2.5e	2.6e	2.6e	2.4e	2.5e	2.5e	2.3e	2.4e	2.4e	2.3e
	230	600	2.6e	2.6e	2.4e	2.4e	2.4e	2.3e	2.3e	2.3e	2.2e	2.2e	2.2e	2.1e	2.1e	2.1e	2.0e	2.0e	2.0e	2.0e
400S300-43	230	300	4.3	3.9	3.3	4.0e	3.8	3.2	3.8e	3.6e	3.0	3.6e	3.5e	2.9	3.5e	3.4e	2.8e	3.3e	3.3e	2.8e
	230	400	3.7e	3.6e	3.0	3.5e	3.4e	2.9e	3.3e	3.3e	2.8e	3.1e	3.1e	2.7e	3.0e	3.0e	2.6e	2.9e	2.9e	2.5e
	230	600	3.1e	3.1e	2.6e	2.9e	2.9e	2.5e	2.7e	2.7e	2.4e	2.6e	2.6e	2.3e	2.4e	2.4e	2.3e	2.3e	2.3e	2.2e
400S300-54	345	300	4.8	4.2	3.5	4.6	4.0	3.4	4.4	3.8	3.2	4.2	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9
	345	400	4.3	3.8	3.2	4.1	3.6	3.0	4.0	3.5	2.9	3.8	3.4	2.8	3.7	3.2	2.7	3.6	3.2	2.7
	345	600	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.0	2.6	3.4	2.9	2.5	3.2e	2.8	2.4	3.1e	2.8	2.3
400S300-68	345	300	5.2	4.5	3.8	5.0	4.3	3.6	4.8	4.2	3.5	4.6	4.0	3.4	4.5	3.9	3.3	4.3	3.8	3.2
	345	400	4.7	4.1	3.5	4.5	3.9	3.3	4.3	3.8	3.2	4.2	3.6	3.1	4.0	3.5	3.0	3.9	3.4	2.9
	345	600	4.1	3.6	3.0	3.9	3.4	2.9	3.8	3.3	2.8	3.6	3.2	2.7	3.5	3.1	2.6	3.4	3.0	2.5
400S300-97	345	300	5.8	5.1	4.3	5.6	4.9	4.1	5.4	4.7	3.9	5.2	4.5	3.8	5.0	4.4	3.7	4.9	4.3	3.6
	345	400	5.3	4.6	3.9	5.1	4.4	3.7	4.9	4.3	3.6	4.7	4.1	3.5	4.6	4.0	3.4	4.4	3.9	3.3
	345	600	4.6	4.0	3.4	4.4	3.9	3.3	4.3	3.7	3.1	4.1	3.6	3.0	4.0	3.5	2.9	3.9	3.4	2.8

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
400S125-33	230	300	6.9	6.9	6.9	4.9	4.9	4.9	4.0	4.0	4.0	3.4	3.4	3.4	3.1	3.1	3.1	2.8	2.8	2.8
	230	400	5.9	5.9	5.9	4.2	4.2	4.2	3.4	3.4	3.4	3.0	3.0	3.0	2.7	2.7	2.7	2.4i	2.4i	2.4i
	230	600	4.9	4.9	4.9	3.4	3.4	3.4	2.8	2.8	2.8	2.4i	2.4i	2.4i	2.2i	2.2i	2.2i	2.0i	2.0i	2.0i
400S125-43	230	300	8.3	8.3	8.0	5.8	5.8	5.4	4.8	4.8	4.7	4.1	4.1	4.1	3.7	3.7	3.7	3.4	3.4	3.4
	230	400	7.2	7.2	7.2	5.1	5.1	4.9	4.1	4.1	4.1	3.6	3.6	3.6	3.2	3.2	3.2	2.9	2.9	2.9
	230	600	5.8	5.8	5.8	4.1	4.1	4.1	3.4	3.4	3.4	2.9	2.9	2.9	2.6	2.6	2.6	2.4	2.4	2.4
400S125-54	345	300	11.0	9.8	8.6	7.8	6.8	5.7	6.4	5.9	5.0	5.5	5.4	4.6	4.9	4.9	4.2	4.5	4.5	4.0
	345	400	9.5	8.9	7.8	6.8	6.2	5.2	5.5	5.4	4.6	4.8	4.8	4.1	4.3	4.3	3.8	3.9	3.9	3.6
	345	600	7.8	7.8	6.8	5.5	5.4	4.6	4.5	4.5	4.0	3.9	3.9	3.6	3.5	3.5	3.4	3.2	3.2	3.2
400S162-33	230	300	8.7	8.7	8.1	6.1	6.1	5.4	4.9	4.9	4.7	4.2	4.2	4.2	3.8	3.8	3.8	3.4i	3.4i	3.4i
	230	400	7.5	7.5	7.3	5.3	5.3	4.9	4.2	4.2	4.2	3.6i	3.6i	3.6i	3.2i	3.2i	3.2i	2.9i	2.9i	2.9i
	230	600	6.1	6.1	6.1	4.2	4.2	4.2	3.4i	3.4i	3.4i	2.9i	2.9i	2.9i	2.6a	2.6a	2.6a	2.3a	2.3a	2.3a
400S162-43	230	300	10.3	10.1	8.8	7.2	7.0	5.9	5.9	5.9	5.1	5.0	5.0	4.7	4.5	4.5	4.3	4.1	4.1	4.1
	230	400	8.9	8.9	8.0	6.2	6.2	5.3	5.0	5.0	4.7	4.3	4.3	4.2	3.9	3.9	3.9	3.5	3.5	3.5
	230	600	7.2	7.2	7.0	5.0	5.0	4.7	4.1	4.1	4.1	3.5	3.5	3.5	3.1	3.1	3.1	2.8i	2.8i	2.8i
400S162-54	345	300	13.6	10.8	9.4	8.6	7.5	6.3	7.5	6.5	5.5	6.8	5.9	5.0	6.1	5.5	4.6	5.5	5.2	4.4
	345	400	11.8	9.8	8.6	7.8	6.8	5.7	6.8	5.9	5.0	5.9	5.4	4.6	5.2	5.0	4.2	4.7	4.7	4.0
	345	600	9.7	8.6	7.5	6.8	5.9	5.0	5.5	5.2	4.4	4.7	4.7	4.0	4.2	4.2	3.7	3.8	3.8	3.5
400S162-68	345	300	14.6	11.5	10.1	9.2	8.0	6.8	8.0	7.0	5.9	7.3	6.4	5.4	6.8	5.9	5.0	6.3	5.6	4.7
	345	400	13.2	10.5	9.2	8.3	7.3	6.1	7.3	6.4	5.4	6.6	5.8	4.9	6.0	5.4	4.5	5.4	5.0	4.3
	345	600	11.1	9.2	8.0	7.3	6.4	5.4	6.3	5.6	4.7	5.4	5.0	4.3	4.8	4.7	3.9	4.3	4.3	3.7
400S162-97	345	300	16.1	12.8	11.1	10.1	8.8	7.5	8.8	7.7	6.5	8.0	7.0	5.9	7.5	6.5	5.5	7.0	6.1	5.2
	345	400	14.6	11.6	10.1	9.2	8.0	6.8	8.0	7.0	5.9	7.3	6.4	5.4	6.8	5.9	5.0	6.4	5.6	4.7
	345	600	12.8	10.1	8.8	8.0	7.0	5.9	7.0	6.1	5.2	6.4	5.6	4.7	5.8	5.2	4.4	5.2	4.9	4.1
400S200-33	230	300	9.1	9.1	8.5	6.4	6.4	5.7	5.2	5.2	5.0	4.4	4.4	4.4	3.9i	3.9i	3.9i	3.6i	3.6i	3.6i
	230	400	7.9	7.9	7.7	5.5	5.5	5.2	4.4	4.4	4.4	3.8i	3.8i	3.8i	3.4i	3.4i	3.4i	3.0a	3.0a	3.0a
	230	600	6.4	6.4	6.4	4.4	4.4	4.4	3.6i	3.6i	3.6i	3.0a	3.0a	3.0a	2.7a	2.7a	2.7a	2.4a	2.4a	2.4a
400S200-43	230	300	11.0	10.6	9.3	7.7	7.4	6.2	6.3	6.3	5.4	5.4	5.4	4.9	4.8	4.8	4.6	4.3	4.3	4.3
	230	400	9.5	9.5	8.4	6.7	6.7	5.6	5.4	5.4	4.9	4.6	4.6	4.5	4.1	4.1	4.1	3.7	3.7	3.7
	230	600	7.7	7.7	7.4	5.4	5.4	4.9	4.3	4.3	4.3	3.7	3.7	3.7	3.3i	3.3i	3.3i	3.0i	3.0i	3.0i
400S200-54	345	300	14.4	11.4	10.0	9.0	7.9	6.7	7.9	6.9	5.8	7.1	6.3	5.3	6.4	5.8	4.9	5.8	5.5	4.6
	345	400	12.5	10.4	9.0	8.2	7.2	6.1	7.1	6.3	5.3	6.2	5.7	4.8	5.5	5.3	4.5	5.0	5.0	4.2
	345	600	10.2	9.0	7.9	7.1	6.3	5.3	5.8	5.5	4.6	5.0	5.0	4.2	4.4	4.4	3.9	4.0	4.0	3.7
400S200-68	345	300	15.4	12.2	10.7	9.7	8.5	7.1	8.5	7.4	6.2	7.7	6.7	5.7	7.1	6.2	5.3	6.7	5.9	4.9
	345	400	14.0	11.1	9.7	8.8	7.7	6.5	7.7	6.7	5.7	7.0	6.1	5.1	6.4	5.7	4.8	5.8	5.3	4.5
	345	600	11.9	9.7	8.5	7.7	6.7	5.7	6.7	5.9	4.9	5.8	5.3	4.5	5.1	4.9	4.2	4.6	4.6	3.9
400S200-97	345	300	17.0	13.5	11.8	10.7	9.4	7.9	9.4	8.2	6.9	8.5	7.4	6.3	7.9	6.9	5.8	7.4	6.5	5.5
	345	400	15.5	12.3	10.7	9.7	8.5	7.2	8.5	7.4	6.3	7.7	6.8	5.7	7.2	6.3	5.3	6.8	5.9	5.0
	345	600	13.5	10.7	9.4	8.5	7.4	6.3	7.4	6.5	5.5	6.8	5.9	5.0	6.2	5.5	4.6	5.5	5.2	4.3

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
400S250-33	230	300	9.4	9.4	8.8	6.6	6.6	5.9	5.3	5.3	5.1	4.6	4.6	4.6	4.1i	4.1i	4.1i	3.7i	3.7i	3.7i
	230	400	8.1	8.1	8.0	5.7	5.7	5.4	4.6	4.6	4.6	3.9i	3.9i	3.9i	3.5i	3.5i	3.5i	3.1a	3.1a	3.1a
	230	600	6.6	6.6	6.6	4.6	4.6	4.6	3.7i	3.7i	3.7i	3.1a	3.1a	3.1a	2.8a	2.8a	2.8a	2.5a	2.5a	2.5a
400S250-43	230	300	11.3	11.2	9.8	7.9	7.7	6.5	6.4	6.4	5.7	5.5	5.5	5.2	4.9	4.9	4.8	4.4	4.4	4.4
	230	400	9.7	9.7	8.9	6.8	6.8	5.9	5.5	5.5	5.2	4.7	4.7	4.7	4.2	4.2	4.2	3.8	3.8	3.8
	230	600	7.9	7.9	7.7	5.5	5.5	5.2	4.4	4.4	4.4	3.8	3.8	3.8	3.4i	3.4i	3.4i	3.0i	3.0i	3.0i
400S250-54	345	300	14.9	11.8	10.3	9.4	8.2	6.9	8.2	7.2	6.0	7.3	6.5	5.5	6.5	6.0	5.1	5.9	5.7	4.8
	345	400	12.8	10.8	9.4	8.5	7.5	6.3	7.3	6.5	5.5	6.3	5.9	5.0	5.6	5.5	4.6	5.1	5.1	4.4
	345	600	10.5	9.4	8.2	7.3	6.5	5.5	5.9	5.7	4.8	5.1	5.1	4.4	4.5	4.5	4.0	4.1	4.1	3.8
400S250-68	345	300	16.2	12.8	11.2	10.2	8.9	7.5	8.9	7.8	6.6	8.1	7.1	6.0	7.5	6.6	5.5	6.8	6.2	5.2
	345	400	14.7	11.7	10.2	9.2	8.1	6.8	8.1	7.1	6.0	7.3	6.4	5.4	6.5	6.0	5.0	5.9	5.6	4.7
	345	600	12.1	10.2	8.9	8.1	7.1	6.0	6.8	6.2	5.2	5.9	5.6	4.7	5.2	5.2	4.4	4.7	4.7	4.1
400S250-97	345	300	18.0	14.3	12.5	11.3	9.9	8.3	9.9	8.6	7.3	9.0	7.9	6.6	8.3	7.3	6.2	7.9	6.9	5.8
	345	400	16.3	13.0	11.3	10.3	9.0	7.6	9.0	7.9	6.6	8.2	7.1	6.0	7.6	6.6	5.6	7.1	6.2	5.3
	345	600	14.3	11.3	9.9	9.0	7.9	6.6	7.9	6.9	5.8	7.1	6.2	5.3	6.4	5.8	4.9	5.7	5.4	4.6
400S300-33	230	300	9.6	9.6	9.1	6.7	6.7	6.1	5.4	5.4	5.3	4.7	4.7	4.7	4.1i	4.1i	4.1i	3.7i	3.7i	3.7i
	230	400	8.3	8.3	8.2	5.8	5.8	5.5	4.7	4.7	4.7	4.0i	4.0i	4.0i	3.5i	3.5i	3.5i	3.2a	3.2a	3.2a
	230	600	6.7	6.7	6.7	4.7	4.7	4.7	3.7i	3.7i	3.7i	3.2a	3.2a	3.2a	2.8a	2.8a	2.8a	2.5a	2.5a	2.5a
400S300-43	230	300	11.4	11.4	10.0	8.0	8.0	6.7	6.5	6.5	5.9	5.6	5.6	5.3	5.0	5.0	4.9	4.5	4.5	4.5
	230	400	9.8	9.8	9.1	6.9	6.9	6.1	5.6	5.6	5.3	4.8	4.8	4.8	4.2	4.2	4.2	3.8	3.8	3.8
	230	600	8.0	8.0	8.0	5.6	5.6	5.3	4.5	4.5	4.5	3.8	3.8	3.8	3.4i	3.4i	3.4i	3.1i	3.1i	3.1i
400S300-54	345	300	15.1	12.2	10.6	9.7	8.4	7.1	8.4	7.4	6.2	7.4	6.7	5.6	6.6	6.2	5.2	6.0	5.8	4.9
	345	400	13.0	11.0	9.7	8.8	7.7	6.5	7.4	6.7	5.6	6.4	6.1	5.1	5.7	5.6	4.8	5.1	5.1	4.5
	345	600	10.6	9.7	8.4	7.4	6.7	5.6	6.0	5.8	4.9	5.1	5.1	4.5	4.5	4.5	4.2	4.1	4.1	3.9
400S300-68	345	300	16.7	13.2	11.6	10.5	9.2	7.7	9.2	8.0	6.8	8.3	7.3	6.1	7.7	6.8	5.7	7.0	6.4	5.4
	345	400	15.1	12.0	10.5	9.5	8.3	7.0	8.3	7.3	6.1	7.4	6.6	5.6	6.6	6.1	5.2	6.0	5.8	4.9
	345	600	12.3	10.5	9.2	8.3	7.3	6.1	7.0	6.4	5.4	6.0	5.8	4.9	5.3	5.3	4.5	4.8	4.8	4.3
400S300-97	345	300	18.8	14.9	13.0	11.8	10.3	8.7	10.3	9.0	7.6	9.4	8.2	6.9	8.7	7.6	6.4	8.2	7.2	6.0
	345	400	17.0	13.5	11.8	10.7	9.4	7.9	9.4	8.2	6.9	8.5	7.4	6.3	7.9	6.9	5.8	7.3	6.5	5.5
	345	600	14.9	11.8	10.3	9.4	8.2	6.9	8.2	7.2	6.0	7.3	6.5	5.5	6.3	6.0	5.1	5.7	5.7	4.8

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
400S125-33	230	300	2.6	2.6	2.6	2.4i	2.4i	2.4i	2.3i	2.3i	2.3i	2.2i	2.2i	2.2i	2.1i	2.1i	2.1i	2.0i	2.0i	2.0i
	230	400	2.2i	2.2i	2.2i	2.1i	2.1i	2.1i	2.0i	2.0i	2.0i	1.8a	1.8a	1.8a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a
	230	600	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a	1.5a	1.5a	1.5a	1.4a	1.4a	1.4a	1.3a	1.3a	1.3a
400S125-43	230	300	3.1	3.1	3.1	2.9	2.9	2.9	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4
	230	400	2.7	2.7	2.7	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.1i	2.1i	2.1i
	230	600	2.2	2.2	2.2	2.1i	2.1i	2.1i	1.9i	1.9i	1.9i	1.8i	1.8i	1.8i	1.7i	1.7i	1.7i	1.6i	1.6i	1.6i
400S125-54	345	300	4.2	4.2	3.8	3.9	3.9	3.6	3.7	3.7	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.2
	345	400	3.6	3.6	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8
	345	600	2.9	2.9	2.9	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.2	2.2	2.2
400S162-33	230	300	3.1i	3.1i	3.1i	2.9i	2.9i	2.9i	2.7a	2.7a	2.7a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.3a	2.3a	2.3a
	230	400	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a
	230	600	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a	1.5a	1.5a	1.5a
400S162-43	230	300	3.8	3.8	3.8	3.5	3.5	3.5	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9	2.8i	2.8i	2.8i
	230	400	3.2	3.2	3.2	3.0	3.0	3.0	2.8i	2.8i	2.8i	2.6i	2.6i	2.6i	2.5i	2.5i	2.5i	2.4i	2.4i	2.4i
	230	600	2.6i	2.6i	2.6i	2.4i	2.4i	2.4i	2.2i	2.2i	2.2i	2.1a	2.1a	2.1a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a
400S162-54	345	300	5.1	4.9	4.2	4.7	4.7	4.0	4.5	4.5	3.8	4.2	4.2	3.7	4.0	4.0	3.6	3.8	3.8	3.5
	345	400	4.4	4.4	3.8	4.1	4.1	3.6	3.8	3.8	3.5	3.6	3.6	3.4	3.4	3.4	3.2	3.2	3.2	3.2
	345	600	3.5	3.5	3.3	3.2	3.2	3.2	3.0	3.0	3.0	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6
400S162-68	345	300	5.8	5.3	4.4	5.4	5.0	4.3	5.1	4.9	4.1	4.8	4.7	3.9	4.5	4.5	3.8	4.3	4.3	3.7
	345	400	5.0	4.8	4.0	4.6	4.6	3.9	4.3	4.3	3.7	4.1	4.1	3.6	3.9	3.9	3.5	3.7	3.7	3.4
	345	600	4.0	4.0	3.5	3.7	3.7	3.4	3.4	3.4	3.2	3.2	3.2	3.1	3.1	3.1	3.0	2.9	2.9	2.9
400S162-97	345	300	6.7	5.8	4.9	6.4	5.6	4.7	6.1	5.4	4.5	5.8	5.2	4.4	5.5	5.0	4.2	5.2	4.9	4.1
	345	400	6.1	5.3	4.5	5.6	5.1	4.3	5.2	4.9	4.1	4.9	4.7	4.0	4.6	4.6	3.8	4.4	4.4	3.7
	345	600	4.8	4.6	3.9	4.4	4.4	3.7	4.0	4.0	3.6	3.8	3.8	3.5	3.5	3.5	3.4	3.3	3.3	3.3
400S200-33	230	300	3.3i	3.3i	3.3i	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.4a	2.4a	2.4a
	230	400	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a	2.0a	2.0a	2.0a
	230	600	2.2a	2.2a	2.2a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.6a	1.6a	1.6a	1.6a	1.6a	1.6a
400S200-43	230	300	4.0	4.0	4.0	3.7	3.7	3.7	3.5	3.5	3.5	3.3i	3.3i	3.3i	3.1i	3.1i	3.1i	3.0i	3.0i	3.0i
	230	400	3.4	3.4	3.4	3.2i	3.2i	3.2i	3.0i	3.0i	3.0i	2.8i	2.8i	2.8i	2.6i	2.6i	2.6i	2.5i	2.5i	2.5i
	230	600	2.7i	2.7i	2.7i	2.5i	2.5i	2.5i	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a
400S200-54	345	300	5.3	5.2	4.4	5.0	5.0	4.2	4.7	4.7	4.0	4.4	4.4	3.9	4.2	4.2	3.8	4.0	4.0	3.7
	345	400	4.6	4.6	4.0	4.2	4.2	3.8	4.0	4.0	3.7	3.7	3.7	3.5	3.6	3.6	3.4	3.4	3.4	3.3
	345	600	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.2	3.0	3.0	3.0	2.8	2.8	2.8	2.7	2.7	2.7
400S200-68	345	300	6.2	5.6	4.7	5.8	5.3	4.5	5.4	5.1	4.3	5.1	4.9	4.2	4.9	4.8	4.0	4.6	4.6	3.9
	345	400	5.3	5.1	4.3	4.9	4.8	4.1	4.6	4.6	3.9	4.4	4.4	3.8	4.1	4.1	3.7	3.9	3.9	3.6
	345	600	4.2	4.2	3.7	3.9	3.9	3.6	3.7	3.7	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.1
400S200-97	345	300	7.1	6.2	5.2	6.8	5.9	5.0	6.5	5.7	4.8	6.2	5.5	4.6	5.8	5.3	4.5	5.5	5.2	4.3
	345	400	6.4	5.6	4.7	5.9	5.4	4.5	5.5	5.2	4.3	5.2	5.0	4.2	4.9	4.8	4.1	4.6	4.6	4.0
	345	600	5.0	4.9	4.1	4.6	4.6	4.0	4.2	4.2	3.8	3.9	3.9	3.7	3.7	3.7	3.6	3.5	3.5	3.5

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
400S250-33	230	300	3.4i	3.4i	3.4i	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a
	230	400	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a
	230	600	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a
400S250-43	230	300	4.1	4.1	4.1	3.8	3.8	3.8	3.6	3.6	3.6	3.4i	3.4i	3.4i	3.2i	3.2i	3.2i	3.0i	3.0i	3.0i
	230	400	3.5	3.5	3.5	3.2i	3.2i	3.2i	3.0i	3.0i	3.0i	2.8i	2.8i	2.8i	2.7i	2.7i	2.7i	2.6a	2.6a	2.6a
	230	600	2.8i	2.8i	2.8i	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	2.0a	2.0a	2.0a
400S250-54	345	300	5.5	5.4	4.6	5.1	5.1	4.4	4.8	4.8	4.2	4.5	4.5	4.0	4.3	4.3	3.9	4.1	4.1	3.8
	345	400	4.7	4.7	4.1	4.3	4.3	4.0	4.1	4.1	3.8	3.8	3.8	3.7	3.6	3.6	3.6	3.4	3.4	3.4
	345	600	3.7	3.7	3.6	3.4	3.4	3.4	3.2	3.2	3.2	3.0	3.0	3.0	2.9	2.9	2.9	2.7	2.7	2.7
400S250-68	345	300	6.3	5.9	4.9	5.9	5.6	4.7	5.5	5.4	4.5	5.2	5.2	4.4	4.9	4.9	4.2	4.7	4.7	4.1
	345	400	5.4	5.3	4.5	5.0	5.0	4.3	4.7	4.7	4.1	4.4	4.4	4.0	4.2	4.2	3.9	4.0	4.0	3.7
	345	600	4.3	4.3	3.9	4.0	4.0	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.3	3.3	3.3	3.1	3.1	3.1
400S250-97	345	300	7.5	6.5	5.5	7.1	6.2	5.3	6.8	6.0	5.1	6.4	5.8	4.9	6.0	5.6	4.7	5.7	5.4	4.6
	345	400	6.7	5.9	5.0	6.2	5.7	4.8	5.7	5.4	4.6	5.3	5.3	4.4	5.0	5.0	4.3	4.7	4.7	4.2
	345	600	5.2	5.2	4.4	4.7	4.7	4.2	4.4	4.4	4.0	4.1	4.1	3.9	3.8	3.8	3.8	3.5	3.5	3.5
400S300-33	230	300	3.4i	3.4i	3.4i	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a
	230	400	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a
	230	600	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a
400S300-43	230	300	4.1	4.1	4.1	3.8	3.8	3.8	3.6	3.6	3.6	3.4i	3.4i	3.4i	3.2i	3.2i	3.2i	3.1i	3.1i	3.1i
	230	400	3.5i	3.5i	3.5i	3.3i	3.3i	3.3i	3.1i	3.1i	3.1i	2.9i	2.9i	2.9i	2.7i	2.7i	2.7i	2.6a	2.6a	2.6a
	230	600	2.8i	2.8i	2.8i	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	2.0a	2.0a	2.0a
400S300-54	345	300	5.5	5.5	4.7	5.1	5.1	4.5	4.8	4.8	4.3	4.5	4.5	4.2	4.3	4.3	4.0	4.1	4.1	3.9
	345	400	4.7	4.7	4.3	4.4	4.4	4.1	4.1	4.1	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.5	3.5	3.5
	345	600	3.8	3.8	3.7	3.5	3.5	3.5	3.3	3.3	3.3	3.1	3.1	3.1	2.9	2.9	2.9	2.7	2.7	2.7
400S300-68	345	300	6.4	6.0	5.1	6.0	5.8	4.9	5.6	5.6	4.7	5.3	5.3	4.5	5.0	5.0	4.4	4.8	4.8	4.3
	345	400	5.5	5.5	4.6	5.1	5.1	4.4	4.8	4.8	4.3	4.5	4.5	4.1	4.2	4.2	4.0	4.0	4.0	3.9
	345	600	4.4	4.4	4.0	4.0	4.0	3.9	3.8	3.8	3.7	3.5	3.5	3.5	3.3	3.3	3.3	3.2	3.2	3.2
400S300-97	345	300	7.8	6.8	5.7	7.3	6.5	5.5	6.8	6.3	5.3	6.3	6.0	5.1	6.0	5.8	4.9	5.7	5.7	4.8
	345	400	6.6	6.2	5.2	6.1	5.9	5.0	5.7	5.7	4.8	5.3	5.3	4.6	5.0	5.0	4.5	4.7	4.7	4.4
	345	600	5.1	5.1	4.6	4.7	4.7	4.4	4.3	4.3	4.2	4.0	4.0	4.0	3.8	3.8	3.8	3.5	3.5	3.5

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
600S125-33	230	300	8.6	8.6	7.6	6.1	6.0	5.1	5.0	5.0	4.4	4.3e	4.3e	4.0	3.8e	3.8e	3.7e	3.5e	3.5e	3.5e
	230	400	7.5	7.5	6.9	5.3	5.3	4.6	4.3e	4.3e	4.0	3.7e	3.7e	3.6e	3.3e	3.3e	3.3e	3.0e	3.0e	3.0e
	230	600	6.1	6.1	6.0	4.3e	4.3e	4.0	3.5e	3.5e	3.5e	3.0e	3.0e	3.0e	2.7e	2.7e	2.7e	2.5e	2.5e	2.5e
600S125-43	230	300	10.5	9.5	8.3	7.4	6.6	5.6	6.0	5.8	4.9	5.2	5.2	4.4	4.7	4.7	4.1	4.3	4.3	3.9
	230	400	9.1	8.6	7.6	6.4	6.0	5.1	5.2	5.2	4.4	4.5	4.5	4.0	4.1	4.1	3.7	3.7e	3.7e	3.5
	230	600	7.4	7.4	6.6	5.2	5.2	4.4	4.3	4.3	3.9	3.7e	3.7e	3.5	3.3e	3.3e	3.3e	3.0e	3.0e	3.0e
600S125-54	345	300	12.9	10.2	8.9	8.1	7.1	6.0	7.1	6.2	5.2	6.4	5.6	4.7	6.0	5.2	4.4	5.6	4.9	4.1
	345	400	11.7	9.3	8.1	7.4	6.4	5.4	6.4	5.6	4.7	5.8	5.1	4.3	5.4	4.7	4.0	5.0	4.5	3.8
	345	600	9.9	8.1	7.1	6.4	5.6	4.7	5.6	4.9	4.1	5.0	4.5	3.8	4.4	4.1	3.5	4.1	3.9	3.3
600S162-33	230	300	10.8	9.5	8.3	7.6	6.6	5.6	6.3e	5.8e	4.9	5.4e	5.2e	4.4e	4.8e	4.8e	4.1e	4.4e	4.4e	3.9e
	230	400	9.4	8.6	7.6	6.6e	6.0	5.1	5.4e	5.2e	4.4e	4.7e	4.7e	4.0e	4.2e	4.2e	3.7e	3.8e	3.8e	3.5e
	230	600	7.7	7.6	6.6	5.4e	5.2e	4.4e	4.4e	4.4e	3.9e	3.8e	3.8e	3.5e	3.4e	3.4e	3.3e	3.1e	3.1e	3.1e
600S162-43	230	300	13.0	10.4	9.1	8.2	7.2	6.1	7.2	6.3	5.3	6.5	5.7	4.8	5.8e	5.3	4.5	5.3e	5.0e	4.2
	230	400	11.2	9.4	8.2	7.5	6.5	5.5	6.5	5.7	4.8	5.6e	5.2	4.4	5.0e	4.8e	4.1	4.6e	4.5e	3.8e
	230	600	9.2	8.2	7.2	6.5	5.7	4.8	5.3e	5.0e	4.2	4.6e	4.5e	3.8e	4.1e	4.1e	3.5e	3.7e	3.7e	3.3e
600S162-54	345	300	14.0	11.1	9.7	8.8	7.7	6.5	7.7	6.7	5.7	7.0	6.1	5.2	6.5	5.7	4.8	6.1	5.3	4.5
	345	400	12.7	10.1	8.8	8.0	7.0	5.9	7.0	6.1	5.2	6.4	5.6	4.7	5.9	5.2	4.4	5.6	4.9	4.1
	345	600	11.1	8.8	7.7	7.0	6.1	5.2	6.1	5.3	4.5	5.6	4.9	4.1	5.2	4.5	3.8	4.9	4.2	3.6
600S162-68	345	300	15.0	11.9	10.4	9.5	8.3	7.0	8.3	7.2	6.1	7.5	6.6	5.5	7.0	6.1	5.1	6.6	5.7	4.8
	345	400	13.6	10.8	9.5	8.6	7.5	6.3	7.5	6.6	5.5	6.8	6.0	5.0	6.3	5.5	4.7	6.0	5.2	4.4
	345	600	11.9	9.5	8.3	7.5	6.6	5.5	6.6	5.7	4.8	6.0	5.2	4.4	5.5	4.8	4.1	5.2	4.5	3.8
600S162-97	345	300	16.6	13.2	11.5	10.5	9.2	7.7	9.2	8.0	6.7	8.3	7.3	6.1	7.7	6.7	5.7	7.3	6.4	5.4
	345	400	15.1	12.0	10.5	9.5	8.3	7.0	8.3	7.3	6.1	7.6	6.6	5.6	7.0	6.1	5.2	6.6	5.8	4.9
	345	600	13.2	10.5	9.2	8.3	7.3	6.1	7.3	6.4	5.4	6.6	5.8	4.9	6.1	5.4	4.5	5.8	5.0	4.3
600S200-33	230	300	11.6	9.9	8.7	7.9	6.9	5.8	6.7e	6.0e	5.1	5.8e	5.5e	4.6e	5.2e	5.1e	4.3e	4.7e	4.7e	4.0e
	230	400	10.1	9.0	7.9	7.1e	6.3	5.3	5.8e	5.5e	4.6e	5.0e	5.0e	4.2e	4.5e	4.5e	3.9e	4.1e	4.1e	3.7e
	230	600	8.2	7.9	6.9	5.8e	5.5e	4.6e	4.7e	4.7e	4.0e	4.1e	4.1e	3.7e	3.7e	3.7e	3.4e	3.4e	3.4e	3.2e
600S200-43	230	300	13.7	10.9	9.5	8.6	7.5	6.4	7.5	6.6	5.6	6.9	6.0	5.1	6.2e	5.6	4.7	5.7e	5.2e	4.4
	230	400	12.0	9.9	8.6	7.8	6.9	5.8	6.9	6.0	5.1	6.0e	5.4e	4.6	5.4e	5.1e	4.3	4.9e	4.8e	4.0e
	230	600	9.8	8.6	7.5	6.9	6.0	5.1	5.7e	5.2e	4.4	4.9e	4.8e	4.0e	4.4e	4.4e	3.7e	4.0e	4.0e	3.5e
600S200-54	345	300	14.7	11.7	10.2	9.3	8.1	6.8	8.1	7.1	6.0	7.4	6.4	5.4	6.8	6.0	5.0	6.4	5.6	4.7
	345	400	13.4	10.6	9.3	8.4	7.4	6.2	7.4	6.4	5.4	6.7	5.8	4.9	6.2	5.4	4.6	5.8	5.1	4.3
	345	600	11.7	9.3	8.1	7.4	6.4	5.4	6.4	5.6	4.7	5.8	5.1	4.3	5.4	4.7	4.0	5.1	4.5	3.8
600S200-68	345	300	15.8	12.5	11.0	10.0	8.7	7.3	8.7	7.6	6.4	7.9	6.9	5.8	7.3	6.4	5.4	6.9	6.0	5.1
	345	400	14.4	11.4	10.0	9.0	7.9	6.7	7.9	6.9	5.8	7.2	6.3	5.3	6.7	5.8	4.9	6.3	5.5	4.6
	345	600	12.5	10.0	8.7	7.9	6.9	5.8	6.9	6.0	5.1	6.3	5.5	4.6	5.8	5.1	4.3	5.5	4.8	4.0
600S200-97	345	300	17.5	13.9	12.2	11.0	9.7	8.1	9.7	8.4	7.1	8.8	7.7	6.5	8.1	7.1	6.0	7.7	6.7	5.6
	345	400	15.9	12.6	11.0	10.0	8.8	7.4	8.8	7.7	6.5	8.0	7.0	5.9	7.4	6.5	5.4	7.0	6.1	5.1
	345	600	13.9	11.0	9.7	8.8	7.7	6.5	7.7	6.7	5.6	7.0	6.1	5.1	6.5	5.6	4.8	6.1	5.3	4.5
600S250-33	230	300	11.9	10.3	9.0	8.2	7.1	6.0	6.9e	6.2e	5.3	5.9e	5.7e	4.8e	5.3e	5.3e	4.4e	4.8e	4.8e	4.2e
	230	400	10.3	9.3	8.2	7.3e	6.5e	5.5	5.9e	5.7e	4.8e	5.1e	5.1e	4.3e	4.6e	4.6e	4.0e	4.2e	4.2e	3.8e
	230	600	8.4	8.2	7.1	5.9e	5.7e	4.8e	4.8e	4.8e	4.2e	4.2e	4.2e	3.8e	3.8e	3.8e	3.5e	3.4e	3.4e	3.3e

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
600S250-43	230	300	14.2	11.4	9.9	9.0	7.9	6.7	7.9	6.9	5.8	7.1	6.3	5.3	6.4e	5.8e	4.9	5.8e	5.5e	4.6
	230	400	12.3	10.3	9.0	8.2	7.2	6.0	7.1	6.3	5.3	6.2e	5.7e	4.8	5.5e	5.3e	4.5e	5.0e	5.0e	4.2e
	230	600	10.1	9.0	7.9	7.1	6.3	5.3	5.8e	5.5e	4.6	5.0e	5.0e	4.2e	4.5e	4.5e	3.9e	4.1e	4.1e	3.7e
600S250-54	345	300	15.2	12.1	10.5	9.6	8.4	7.1	8.4	7.3	6.2	7.6	6.6	5.6	7.1	6.2	5.2	6.6	5.8	4.9
	345	400	13.8	11.0	9.6	8.7	7.6	6.4	7.6	6.6	5.6	6.9	6.0	5.1	6.4	5.6	4.7	6.0	5.3	4.4
	345	600	12.1	9.6	8.4	7.6	6.6	5.6	6.6	5.8	4.9	6.0	5.3	4.4	5.6	4.9	4.1	5.3	4.6	3.9
600S250-68	345	300	16.5	13.1	11.4	10.4	9.1	7.7	9.1	7.9	6.7	8.2	7.2	6.1	7.7	6.7	5.6	7.2	6.3	5.3
	345	400	15.0	11.9	10.4	9.4	8.2	7.0	8.2	7.2	6.1	7.5	6.5	5.5	7.0	6.1	5.1	6.5	5.7	4.8
	345	600	13.1	10.4	9.1	8.2	7.2	6.1	7.2	6.3	5.3	6.5	5.7	4.8	6.1	5.3	4.5	5.7	5.0	4.2
600S250-97	345	300	18.4	14.6	12.8	11.6	10.1	8.5	10.1	8.9	7.5	9.2	8.0	6.8	8.5	7.5	6.3	8.0	7.0	5.9
	345	400	16.7	13.3	11.6	10.5	9.2	7.8	9.2	8.0	6.8	8.4	7.3	6.2	7.8	6.8	5.7	7.3	6.4	5.4
	345	600	14.6	11.6	10.1	9.2	8.0	6.8	8.0	7.0	5.9	7.3	6.4	5.4	6.8	5.9	5.0	6.4	5.6	4.7
600S300-33	230	300	12.0	10.6	9.2	8.4	7.3	6.2	6.9e	6.4e	5.4	6.0e	5.8e	4.9e	5.4e	5.4e	4.5e	4.9e	4.9e	4.3e
	230	400	10.4	9.6	8.4	7.4e	6.6e	5.6	6.0e	5.8e	4.9e	5.2e	5.2e	4.5e	4.7e	4.7e	4.1e	4.3e	4.3e	3.9e
	230	600	8.5e	8.4	7.3	6.0e	5.8e	4.9e	4.9e	4.9e	4.3e	4.3e	4.3e	3.9e	3.8e	3.8e	3.6e	3.5e	3.5e	3.4e
600S300-43	230	300	14.5	11.7	10.2	9.3	8.1	6.8	8.1	7.1	6.0	7.2e	6.4	5.4	6.5e	6.0e	5.0	5.9e	5.6e	4.7
	230	400	12.5	10.6	9.3	8.4	7.3	6.2	7.2e	6.4	5.4	6.3e	5.8e	4.9	5.6e	5.4e	4.6e	5.1e	5.1e	4.3e
	230	600	10.2	9.3	8.1	7.2e	6.4	5.4	5.9e	5.6e	4.7	5.1e	5.1e	4.3e	4.6e	4.6e	4.0e	4.2e	4.2e	3.8e
600S300-54	345	300	15.6	12.4	10.8	9.8	8.6	7.2	8.6	7.5	6.3	7.8	6.8	5.7	7.2	6.3	5.3	6.8	5.9	5.0
	345	400	14.2	11.2	9.8	8.9	7.8	6.6	7.8	6.8	5.7	7.1	6.2	5.2	6.6	5.7	4.8	6.2	5.4	4.6
	345	600	12.4	9.8	8.6	7.8	6.8	5.7	6.8	5.9	5.0	6.2	5.4	4.6	5.7	5.0	4.2	5.4	4.7	4.0
600S300-68	345	300	16.9	13.5	11.8	10.7	9.3	7.9	9.3	8.1	6.9	8.5	7.4	6.2	7.9	6.9	5.8	7.4	6.5	5.5
	345	400	15.4	12.2	10.7	9.7	8.5	7.1	8.5	7.4	6.2	7.7	6.7	5.7	7.1	6.2	5.3	6.7	5.9	5.0
	345	600	13.5	10.7	9.3	8.5	7.4	6.2	7.4	6.5	5.5	6.7	5.9	5.0	6.2	5.5	4.6	5.9	5.1	4.3
600S300-97	345	300	19.1	15.2	13.2	12.0	10.5	8.9	10.5	9.2	7.7	9.6	8.3	7.0	8.9	7.7	6.5	8.3	7.3	6.1
	345	400	17.4	13.8	12.0	10.9	9.6	8.1	9.6	8.3	7.0	8.7	7.6	6.4	8.1	7.0	5.9	7.6	6.6	5.6
	345	600	15.2	12.0	10.5	9.6	8.3	7.0	8.3	7.3	6.1	7.6	6.6	5.6	7.0	6.1	5.2	6.6	5.8	4.9
600S350-54	345	300	16.5	13.1	11.4	10.4	9.1	7.7	9.1	7.9	6.7	8.2	7.2	6.1	7.7	6.7	5.6	7.2	6.3	5.3
	345	400	15.0	11.9	10.4	9.4	8.2	7.0	8.2	7.2	6.1	7.5	6.5	5.5	7.0	6.1	5.1	6.5	5.7	4.8
	345	600	13.1	10.4	9.1	8.2	7.2	6.1	7.2	6.3	5.3	6.5	5.7	4.8	6.1	5.3	4.5	5.7e	5.0	4.2
600S350-68	345	300	18.0	14.3	12.5	11.3	9.9	8.4	9.9	8.7	7.3	9.0	7.9	6.6	8.4	7.3	6.2	7.9	6.9	5.8
	345	400	16.4	13.0	11.3	10.3	9.0	7.6	9.0	7.9	6.6	8.2	7.1	6.0	7.6	6.6	5.6	7.1	6.2	5.3
	345	600	14.3	11.3	9.9	9.0	7.9	6.6	7.9	6.9	5.8	7.1	6.2	5.3	6.6	5.8	4.9	6.2	5.5	4.6
600S350-97	345	300	20.2	16.1	14.0	12.8	11.1	9.4	11.1	9.7	8.2	10.1	8.8	7.5	9.4	8.2	6.9	8.8	7.7	6.5
	345	400	18.4	14.6	12.8	11.6	10.1	8.5	10.1	8.8	7.5	9.2	8.0	6.8	8.5	7.5	6.3	8.0	7.0	5.9
	345	600	16.1	12.8	11.1	10.1	8.8	7.5	8.8	7.7	6.5	8.0	7.0	5.9	7.5	6.5	5.5	7.0	6.1	5.2

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
600S125-33	230	300	3.3e	3.3e	3.3e	3.0e	3.0e	3.0e	2.9e	2.9e	2.9e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e
	230	400	2.8e	2.8e	2.8e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e	2.4e	2.4e	2.4e	2.2e	2.2e	2.2e	2.2e	2.2e	2.2e
	230	600	2.3e	2.3e	2.3e	2.2e	2.2e	2.2e	2.0e	2.0e	2.0e	1.9e	1.9e	1.9e	1.8e	1.8e	1.8e	1.8e	1.8e	1.8e
600S125-43	230	300	4.0	4.0	3.7	3.7e	3.7e	3.5	3.5e	3.5e	3.4e	3.3e	3.3e	3.3e	3.2e	3.2e	3.2e	3.0e	3.0e	3.0e
	230	400	3.4e	3.4e	3.3e	3.2e	3.2e	3.2e	3.0e	3.0e	3.0e	2.9e	2.9e	2.9e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e
	230	600	2.8e	2.8e	2.8e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e	2.3e	2.3e	2.3e	2.2e	2.2e	2.2e	2.1e	2.1e	2.1e
600S125-54	345	300	5.3	4.7	3.9	5.0	4.5	3.8	4.7	4.3	3.6	4.4	4.1	3.5	4.2	4.0	3.4	4.1	3.9	3.3
	345	400	4.6	4.2	3.6	4.3	4.1	3.4	4.1	3.9	3.3	3.8	3.8	3.2	3.7	3.6	3.1	3.5	3.5	3.0
	345	600	3.8	3.7	3.1	3.5	3.5	3.0	3.3	3.3	2.9	3.1	3.1	2.8	3.0	3.0	2.7	2.9e	2.9e	2.6
600S162-33	230	300	4.1e	4.1e	3.7e	3.8e	3.8e	3.5e	3.6e	3.6e	3.4e	3.4e	3.4e	3.3e	3.3e	3.3e	3.2e	3.1e	3.1e	3.1e
	230	400	3.5e	3.5e	3.3e	3.3e	3.3e	3.2e	3.1e	3.1e	3.1e	3.0e	3.0e	3.0e	2.8e	2.8e	2.8e	2.7e	2.7e	2.7e
	230	600	2.9e	2.9e	2.9e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e	2.4e	2.4e	2.4e	2.3e	2.3e	2.3e	2.2e	2.2e	2.2e
600S162-43	230	300	4.9e	4.7e	4.0	4.6e	4.5e	3.8e	4.3e	4.3e	3.7e	4.1e	4.1e	3.5e	3.9e	3.9e	3.4e	3.7e	3.7e	3.3e
	230	400	4.2e	4.2e	3.6e	4.0e	4.0e	3.5e	3.7e	3.7e	3.3e	3.5e	3.5e	3.2e	3.4e	3.4e	3.1e	3.2e	3.2e	3.0e
	230	600	3.5e	3.5e	3.2e	3.2e	3.2e	3.0e	3.1e	3.1e	2.9e	2.9e	2.9e	2.8e	2.8e	2.8e	2.7e	2.6e	2.6e	2.6e
600S162-54	345	300	5.8	5.1	4.3	5.6	4.9	4.1	5.3	4.7	3.9	5.2	4.5	3.8	5.0	4.4	3.7	4.9	4.2	3.6
	345	400	5.3	4.6	3.9	5.1	4.4	3.7	4.9	4.2	3.6	4.7	4.1	3.5	4.5	4.0	3.3	4.3e	3.9	3.3
	345	600	4.6	4.0	3.4	4.3e	3.9	3.3	4.1e	3.7e	3.1	3.9e	3.6e	3.0	3.7e	3.5e	2.9	3.5e	3.4e	2.8e
600S162-68	345	300	6.2	5.4	4.6	6.0	5.2	4.4	5.7	5.0	4.2	5.5	4.8	4.1	5.4	4.7	3.9	5.2	4.5	3.8
	345	400	5.7	4.9	4.2	5.4	4.7	4.0	5.2	4.5	3.8	5.0	4.4	3.7	4.9	4.3	3.6	4.7	4.1	3.5
	345	600	4.9	4.3	3.6	4.7	4.1	3.5	4.5	4.0	3.4	4.4	3.8	3.2	4.3	3.7	3.1	4.1	3.6	3.0
600S162-97	345	300	6.9	6.0	5.1	6.6	5.8	4.9	6.4	5.5	4.7	6.1	5.4	4.5	5.9	5.2	4.4	5.8	5.0	4.3
	345	400	6.3	5.5	4.6	6.0	5.2	4.4	5.8	5.0	4.3	5.6	4.9	4.1	5.4	4.7	4.0	5.2	4.6	3.9
	345	600	5.5	4.8	4.0	5.2	4.6	3.9	5.0	4.4	3.7	4.9	4.3	3.6	4.7	4.1	3.5	4.6	4.0	3.4
600S200-33	230	300	4.4e	4.4e	3.8e	4.1e	4.1e	3.7e	3.9e	3.9e	3.5e	3.7e	3.7e	3.4e	3.5e	3.5e	3.3e	3.4e	3.4e	3.2e
	230	400	3.8e	3.8e	3.5e	3.6e	3.6e	3.3e	3.4e	3.4e	3.2e	3.2e	3.2e	3.1e	3.0e	3.0e	3.0e	2.9e	2.9e	2.9e
	230	600	3.1e	3.1e	3.0e	2.9e	2.9e	2.9e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e	2.4e	2.4e	2.4e
600S200-43	230	300	5.2e	5.0e	4.2e	4.9e	4.8e	4.0e	4.6e	4.6e	3.9e	4.4e	4.4e	3.7e	4.2e	4.2e	3.6e	4.0e	4.0e	3.5e
	230	400	4.5e	4.5e	3.8e	4.2e	4.2e	3.6e	4.0e	4.0e	3.5e	3.8e	3.8e	3.4e	3.6e	3.6e	3.3e	3.5e	3.5e	3.2e
	230	600	3.7e	3.7e	3.3e	3.5e	3.5e	3.2e	3.3e	3.3e	3.1e	3.1e	3.1e	3.0e	3.0e	3.0e	2.9e	2.8e	2.8e	2.8e
600S200-54	345	300	6.1	5.3	4.5	5.8	5.1	4.3	5.6	4.9	4.1	5.4	4.7	4.0	5.3	4.6	3.9	5.1	4.5	3.8
	345	400	5.5	4.8	4.1	5.3	4.6	3.9	5.1	4.5	3.8	4.9	4.3	3.6	4.8e	4.2	3.5	4.6e	4.1	3.4
	345	600	4.8e	4.2	3.6	4.6e	4.1	3.4	4.3e	3.9e	3.3	4.1e	3.8e	3.2	3.9e	3.6e	3.1e	3.8e	3.5e	3.0e
600S200-68	345	300	6.6	5.7	4.8	6.3	5.5	4.6	6.0	5.3	4.4	5.8	5.1	4.3	5.6	4.9	4.2	5.5	4.8	4.0
	345	400	6.0	5.2	4.4	5.7	5.0	4.2	5.5	4.8	4.0	5.3	4.6	3.9	5.1	4.5	3.8	5.0	4.3	3.7
	345	600	5.2	4.5	3.8	5.0	4.3	3.7	4.8	4.2	3.5	4.6	4.0	3.4	4.5	3.9	3.3	4.3e	3.8	3.2
600S200-97	345	300	7.3	6.4	5.4	7.0	6.1	5.1	6.7	5.8	4.9	6.5	5.6	4.8	6.3	5.5	4.6	6.1	5.3	4.5
	345	400	6.6	5.8	4.9	6.3	5.5	4.7	6.1	5.3	4.5	5.9	5.1	4.3	5.7	5.0	4.2	5.5	4.8	4.1
	345	600	5.8	5.0	4.3	5.5	4.8	4.1	5.3	4.6	3.9	5.1	4.5	3.8	5.0	4.3	3.7	4.8	4.2	3.6

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
600S250-33	230	300	4.5e	4.5e	4.0e	4.2e	4.2e	3.8e	4.0e	4.0e	3.6e	3.8e	3.8e	3.5e	3.6e	3.6e	3.4e	3.4e	3.4e	3.3e
	230	400	3.9e	3.9e	3.6e	3.6e	3.6e	3.4e	3.4e	3.4e	3.3e	3.2e	3.2e	3.2e	3.1e	3.1e	3.1e	3.0e	3.0e	3.0e
	230	600	3.2e	3.2e	3.1e	3.0e	3.0e	3.0e	2.8e	2.8e	2.8e	2.7e	2.7e	2.7e	2.5e	2.5e	2.5e	2.4e	2.4e	2.4e
600S250-43	230	300	5.4e	5.2e	4.4e	5.0e	5.0e	4.2e	4.7e	4.7e	4.0e	4.5e	4.5e	3.9e	4.3e	4.3e	3.8e	4.1e	4.1e	3.7e
	230	400	4.7e	4.7e	4.0e	4.4e	4.4e	3.8e	4.1e	4.1e	3.7e	3.9e	3.9e	3.5e	3.7e	3.7e	3.4e	3.6e	3.6e	3.3e
	230	600	3.8e	3.8e	3.5e	3.6e	3.6e	3.3e	3.4e	3.4e	3.2e	3.2e	3.2e	3.1e	3.0e	3.0e	3.0e	2.9e	2.9e	2.9e
600S250-54	345	300	6.3	5.5	4.7	6.0	5.3	4.4	5.8	5.1	4.3	5.6	4.9	4.1	5.4	4.7	4.0	5.3	4.6	3.9
	345	400	5.7	5.0	4.2	5.5	4.8	4.0	5.3	4.6	3.9	5.1e	4.4	3.8	4.9e	4.3	3.6	4.7e	4.2e	3.5
	345	600	5.0e	4.4	3.7	4.7e	4.2e	3.5	4.5e	4.0e	3.4	4.2e	3.9e	3.3	4.0e	3.8e	3.2e	3.9e	3.7e	3.1e
600S250-68	345	300	6.8	6.0	5.0	6.5	5.7	4.8	6.3	5.5	4.6	6.1	5.3	4.5	5.9	5.1	4.3	5.7	5.0	4.2
	345	400	6.2	5.4	4.6	5.9	5.2	4.4	5.7	5.0	4.2	5.5	4.8	4.1	5.3	4.7	3.9	5.2	4.5	3.8
	345	600	5.4	4.7	4.0	5.2	4.5	3.8	5.0	4.4	3.7	4.8	4.2	3.6	4.7e	4.1	3.4	4.5e	4.0	3.3
600S250-97	345	300	7.6	6.7	5.6	7.3	6.4	5.4	7.0	6.1	5.2	6.8	5.9	5.0	6.6	5.7	4.8	6.4	5.6	4.7
	345	400	6.9	6.1	5.1	6.6	5.8	4.9	6.4	5.6	4.7	6.2	5.4	4.5	6.0	5.2	4.4	5.8	5.1	4.3
	345	600	6.1	5.3	4.5	5.8	5.1	4.3	5.6	4.9	4.1	5.4	4.7	4.0	5.2	4.6	3.8	5.1	4.4	3.7
600S300-33	230	300	4.5e	4.5e	4.1e	4.3e	4.3e	3.9e	4.0e	4.0e	3.7e	3.8e	3.8e	3.6e	3.6e	3.6e	3.5e	3.5e	3.5e	3.4e
	230	400	3.9e	3.9e	3.7e	3.7e	3.7e	3.5e	3.5e	3.5e	3.4e	3.3e	3.3e	3.3e	3.1e	3.1e	3.1e	3.0e	3.0e	3.0e
	230	600	3.2e	3.2e	3.2e	3.0e	3.0e	3.0e	2.8e	2.8e	2.8e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e
600S300-43	230	300	5.5e	5.3e	4.5e	5.1e	5.1e	4.3e	4.8e	4.8e	4.1e	4.6e	4.6e	4.0e	4.4e	4.4e	3.9e	4.2e	4.2e	3.8e
	230	400	4.7e	4.7e	4.1e	4.4e	4.4e	3.9e	4.2e	4.2e	3.8e	4.0e	4.0e	3.6e	3.8e	3.8e	3.5e	3.6e	3.6e	3.4e
	230	600	3.9e	3.9e	3.6e	3.6e	3.6e	3.4e	3.4e	3.4e	3.3e	3.2e	3.2e	3.2e	3.1e	3.1e	3.1e	3.0e	3.0e	3.0e
600S300-54	345	300	6.5	5.6	4.8	6.2	5.4	4.6	5.9	5.2	4.4	5.7	5.0	4.2	5.6	4.9	4.1	5.4	4.7	4.0
	345	400	5.9	5.1	4.3	5.6	4.9	4.1	5.4	4.7	4.0	5.2e	4.6	3.8	5.0e	4.4	3.7	4.8e	4.3e	3.6
	345	600	5.1e	4.5	3.8	4.8e	4.3e	3.6	4.5e	4.1e	3.5	4.3e	4.0e	3.4e	4.1e	3.9e	3.3e	3.9e	3.7e	3.2e
600S300-68	345	300	7.0	6.1	5.2	6.7	5.9	5.0	6.5	5.6	4.8	6.2	5.5	4.6	6.0	5.3	4.5	5.9	5.1	4.3
	345	400	6.4	5.6	4.7	6.1	5.3	4.5	5.9	5.1	4.3	5.7	5.0	4.2	5.5	4.8	4.0	5.3	4.7	3.9
	345	600	5.6	4.9	4.1	5.3	4.7	3.9	5.1	4.5	3.8	5.0	4.3	3.7	4.8e	4.2	3.5	4.6e	4.1	3.4
600S300-97	345	300	7.9	6.9	5.8	7.6	6.6	5.6	7.3	6.4	5.4	7.0	6.1	5.2	6.8	6.0	5.0	6.6	5.8	4.9
	345	400	7.2	6.3	5.3	6.9	6.0	5.1	6.6	5.8	4.9	6.4	5.6	4.7	6.2	5.4	4.6	6.0	5.3	4.4
	345	600	6.3	5.5	4.6	6.0	5.3	4.4	5.8	5.1	4.3	5.6	4.9	4.1	5.4	4.7	4.0	5.3	4.6	3.9
600S350-54	345	300	6.8	6.0	5.0	6.5	5.7	4.8	6.3	5.5	4.6	6.1	5.3	4.5	5.9	5.1	4.3	5.7e	5.0	4.2
	345	400	6.2	5.4	4.6	5.9	5.2	4.4	5.7e	5.0	4.2	5.5e	4.8	4.1	5.3e	4.7e	3.9	5.2e	4.5e	3.8
	345	600	5.4e	4.7	4.0	5.2e	4.5e	3.8	5.0e	4.4e	3.7	4.8e	4.2e	3.6e	4.6e	4.1e	3.4e	4.4e	4.0e	3.3e
600S350-68	345	300	7.5	6.5	5.5	7.1	6.2	5.3	6.9	6.0	5.1	6.6	5.8	4.9	6.4	5.6	4.7	6.2	5.5	4.6
	345	400	6.8	5.9	5.0	6.5	5.7	4.8	6.2	5.5	4.6	6.0	5.3	4.4	5.8	5.1	4.3	5.7	5.0	4.2
	345	600	5.9	5.2	4.4	5.7	5.0	4.2	5.5	4.8	4.0	5.3e	4.6	3.9	5.1e	4.5	3.8	5.0e	4.3e	3.7
600S350-97	345	300	8.4	7.3	6.2	8.0	7.0	5.9	7.7	6.7	5.7	7.5	6.5	5.5	7.2	6.3	5.3	7.0	6.1	5.2
	345	400	7.6	6.7	5.6	7.3	6.4	5.4	7.0	6.1	5.2	6.8	5.9	5.0	6.6	5.7	4.8	6.4	5.6	4.7
	345	600	6.7	5.8	4.9	6.4	5.6	4.7	6.1	5.4	4.5	5.9	5.2	4.4	5.7	5.0	4.2	5.6	4.9	4.1

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
600S125-33	230	300	8.6	8.6	8.6	6.1	6.1	6.1	5.0	5.0	5.0	4.3	4.3	4.3	3.8i	3.8i	3.8i	3.5i	3.5i	3.5i
	230	400	7.5	7.5	7.5	5.3	5.3	5.3	4.3	4.3	4.3	3.7i	3.7i	3.7i	3.3i	3.3i	3.3i	3.0a	3.0a	3.0a
	230	600	6.1	6.1	6.1	4.3	4.3	4.3	3.5i	3.5i	3.5i	3.0a	3.0a	3.0a	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a
600S125-43	230	300	10.5	10.5	10.5	7.4	7.4	7.4	6.0	6.0	6.0	5.2	5.2	5.2	4.7	4.7	4.7	4.3	4.3	4.3
	230	400	9.1	9.1	9.1	6.4	6.4	6.4	5.2	5.2	5.2	4.5	4.5	4.5	4.1	4.1	4.1	3.7	3.7	3.7
	230	600	7.4	7.4	7.4	5.2	5.2	5.2	4.3	4.3	4.3	3.7	3.7	3.7	3.3i	3.3i	3.3i	3.0i	3.0i	3.0i
600S125-54	345	300	14.1	13.6	11.9	9.9	9.5	8.0	8.1	8.1	7.0	7.0	7.0	6.3	6.3	6.3	5.9	5.7	5.7	5.5
	345	400	12.2	12.2	10.8	8.6	8.6	7.2	7.0	7.0	6.3	6.1	6.1	5.8	5.4	5.4	5.3	5.0	5.0	5.0
	345	600	9.9	9.9	9.5	7.0	7.0	6.3	5.7	5.7	5.5	5.0	5.0	5.0	4.4	4.4	4.4	4.1	4.1	4.1
600S162-33	230	300	10.8	10.8	10.8	7.7	7.7	7.4	6.3i	6.3i	6.3i	5.4i	5.4i	5.4i	4.8a	4.8a	4.8a	4.4a	4.4a	4.4a
	230	400	9.4	9.4	9.4	6.6	6.6	6.6	5.4i	5.4i	5.4i	4.7a	4.7a	4.7a	4.2a	4.2a	4.2a	3.8a	3.8a	3.8a
	230	600	7.7	7.7	7.7	5.4i	5.4i	5.4i	4.4a	4.4a	4.4a	3.8a	3.8a	3.8a	3.4a	3.4a	3.4a	3.0a	3.0a	3.0a
600S162-43	230	300	13.0	13.0	12.1	9.2	9.2	8.1	7.5	7.5	7.1	6.5	6.5	6.4	5.8	5.8	5.8	5.3	5.3	5.3
	230	400	11.2	11.2	11.0	7.9	7.9	7.4	6.5	6.5	6.4	5.6	5.6	5.6	5.0i	5.0i	5.0i	4.6i	4.6i	4.6i
	230	600	9.2	9.2	9.2	6.5	6.5	6.4	5.3	5.3	5.3	4.6i	4.6i	4.6i	4.1a	4.1a	4.1a	3.7a	3.7a	3.7a
600S162-54	345	300	17.3	14.8	13.0	11.8	10.3	8.7	10.0	9.0	7.6	8.6	8.2	6.9	7.7	7.6	6.4	7.0	7.0	6.0
	345	400	14.9	13.5	11.8	10.6	9.4	7.9	8.6	8.2	6.9	7.5	7.4	6.3	6.7	6.7	5.8	6.1	6.1	5.5
	345	600	12.2	11.8	10.3	8.6	8.2	6.9	7.0	7.0	6.0	6.1	6.1	5.5	5.5	5.5	5.1	5.0	5.0	4.8
600S162-68	345	300	20.0	15.9	13.9	12.6	11.0	9.3	11.0	9.6	8.1	10.0	8.8	7.4	9.0	8.1	6.9	8.2	7.7	6.5
	345	400	17.4	14.5	12.6	11.5	10.0	8.5	10.0	8.8	7.4	8.7	8.0	6.7	7.8	7.4	6.2	7.1	7.0	5.9
	345	600	14.2	12.6	11.0	10.0	8.8	7.4	8.2	7.7	6.5	7.1	7.0	5.9	6.3	6.3	5.4	5.8	5.8	5.1
600S162-97	345	300	22.2	17.6	15.4	14.0	12.2	10.3	12.2	10.7	9.0	11.1	9.7	8.2	10.3	9.0	7.6	9.7	8.5	7.2
	345	400	20.2	16.0	14.0	12.7	11.1	9.4	11.1	9.7	8.2	10.1	8.8	7.4	9.4	8.2	6.9	8.8	7.7	6.5
	345	600	17.5	14.0	12.2	11.1	9.7	8.2	9.7	8.5	7.2	8.8	7.7	6.5	7.8	7.2	6.0	7.2	6.7	5.7
600S200-33	230	300	11.6	11.6	11.6	8.2	8.2	7.8	6.7i	6.7i	6.7i	5.8a	5.8a	5.8a	5.2a	5.2a	5.2a	4.7a	4.7a	4.7a
	230	400	10.1	10.1	10.1	7.1i	7.1i	7.1i	5.8a	5.8a	5.8a	5.0a	5.0a	5.0a	4.5a	4.5a	4.5a	4.0a	4.0a	4.0a
	230	600	8.2	8.2	8.2	5.8a	5.8a	5.8a	4.7a	4.7a	4.7a	4.0a	4.0a	4.0a	3.5a	3.5a	3.5a	3.1a	3.1a	3.1a
600S200-43	230	300	13.9	13.9	12.7	9.8	9.8	8.5	8.0	8.0	7.4	6.9	6.9	6.7	6.2	6.2	6.2	5.7i	5.7i	5.7i
	230	400	12.0	12.0	11.5	8.5	8.5	7.7	6.9	6.9	6.7	6.0i	6.0i	6.0i	5.4i	5.4i	5.4i	4.9a	4.9a	4.9a
	230	600	9.8	9.8	9.8	6.9	6.9	6.7	5.7i	5.7i	5.7i	4.9a	4.9a	4.9a	4.4a	4.4a	4.4a	4.0a	4.0a	4.0a
600S200-54	345	300	18.4	15.6	13.6	12.4	10.8	9.1	10.6	9.5	8.0	9.2	8.6	7.2	8.2	8.0	6.7	7.5	7.5	6.3
	345	400	16.0	14.2	12.4	11.3	9.8	8.3	9.2	8.6	7.2	8.0	7.8	6.6	7.1	7.1	6.1	6.5	6.5	5.7
	345	600	13.0	12.4	10.8	9.2	8.6	7.2	7.5	7.5	6.3	6.5	6.5	5.7	5.8	5.8	5.3	5.3	5.3	5.0
600S200-68	345	300	21.1	16.7	14.6	13.3	11.6	9.8	11.6	10.1	8.6	10.5	9.2	7.8	9.6	8.6	7.2	8.7	8.0	6.8
	345	400	18.5	15.2	13.3	12.1	10.5	8.9	10.5	9.2	7.8	9.3	8.4	7.1	8.3	7.8	6.6	7.6	7.3	6.2
	345	600	15.1	13.3	11.6	10.5	9.2	7.8	8.7	8.0	6.8	7.6	7.3	6.2	6.8	6.8	5.7	6.2	6.2	5.4
600S200-97	345	300	23.4	18.6	16.2	14.8	12.9	10.9	12.9	11.3	9.5	11.7	10.2	8.6	10.9	9.5	8.0	10.2	8.9	7.5
	345	400	21.3	16.9	14.8	13.4	11.7	9.9	11.7	10.2	8.6	10.6	9.3	7.8	9.9	8.6	7.3	9.3	8.1	6.8
	345	600	18.6	14.8	12.9	11.7	10.2	8.6	10.2	8.9	7.5	9.3	8.1	6.8	8.4	7.5	6.4	7.7	7.1	6.0
600S250-33	230	300	11.9	11.9	11.9	8.4	8.4	8.0	6.9i	6.9i	6.9i	5.9a	5.9a	5.9a	5.3a	5.3a	5.3a	4.8a	4.8a	4.8a
	230	400	10.3	10.3	10.3	7.3i	7.3i	7.3i	5.9a	5.9a	5.9a	5.1a	5.1a	5.1a	4.6a	4.6a	4.6a	4.1a	4.1a	4.1a
	230	600	8.4	8.4	8.4	5.9a	5.9a	5.9a	4.8a	4.8a	4.8a	4.1a	4.1a	4.1a	3.6a	3.6a	3.6a	3.2a	3.2a	3.2a
600S250-43	230	300	14.2	14.2	13.3	10.1	10.1	8.9	8.2	8.2	7.8	7.1	7.1	7.0	6.4	6.4	6.4	5.8i	5.8i	5.8i
	230	400	12.3	12.3	12.1	8.7	8.7	8.1	7.1	7.1	7.1	6.2i	6.2i	6.2i	5.5i	5.5i	5.5i	5.0a	5.0a	5.0a
	230	600	10.1	10.1	10.1	7.1	7.1	7.0	5.8i	5.8i	5.8i	5.0a	5.0a	5.0a	4.5a	4.5a	4.5a	4.1a	4.1a	4.1a
600S250-54	345	300	18.9	16.1	14.1	12.8	11.2	9.4	10.9	9.8	8.2	9.4	8.9	7.5	8.5	8.2	6.9	7.7	7.7	6.5
	345	400	16.4	14.6	12.8	11.6	10.2	8.6	9.4	8.9	7.5	8.2	8.1	6.8	7.3	7.3	6.3	6.7	6.7	5.9
	345	600	13.4	12.8	11.2	9.4	8.9	7.5	7.7	7.7	6.5	6.7	6.7	5.9	6.0	6.0	5.5	5.5	5.5	5.2
600S250-68	345	300	22.0	17.5	15.3	13.9	12.1	10.2	12.1	10.6	8.9	11.0	9.6	8.1	9.8	8.9	7.5	9.0	8.4	7.1
	345	400	19.1	15.9	13.9	12.6	11.0	9.3	11.0	9.6	8.1	9.5	8.7	7.4	8.5	8.1	6.8	7.8	7.6	6.4
	345	600	15.6	13.9	12.1	11.0	9.6	8.1	9.0	8.4	7.1	7.8	7.6	6.4	7.0	7.0	6.0	6.4	6.4	5.6
600S250-97	345	300	24.6	19.5	17.1	15.5	13.5	11.4	13.5	11.8	10.0	12.3	10.7	9.1	11.4	10.0	8.4	10.7	9.4	7.9
	345	400	22.3	17.7	15.5	14.1	12.3	10.4	12.3	10.7	9.1	11.2	9.8	8.2	10.4	9.1	7.6	9.8	8.5	7.2
	345	600	19.5	15.5	13.5	12.3	10.7	9.1	10.7	9.4	7.9	9.8	8.5	7.2	8.7	7.9	6.7	8.0	7.4	6.3

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
600S300-33	230	300	12.0	12.0	12.0	8.5	8.5	8.2	6.9i	6.9i	6.9i	6.0a	6.0a	6.0a	5.4a	5.4a	5.4a	4.9a	4.9a	4.9a
	230	400	10.4	10.4	10.4	7.4i	7.4i	7.4i	6.0a	6.0a	6.0a	5.2a	5.2a	5.2a	4.6a	4.6a	4.6a	4.1a	4.1a	4.1a
	230	600	8.5	8.5	8.5	6.0a	6.0a	6.0a	4.9a	4.9a	4.9a	4.1a	4.1a	4.1a	3.6a	3.6a	3.6a	3.2a	3.2a	3.2a
600S300-43	230	300	14.5	14.5	13.6	10.2	10.2	9.1	8.4	8.4	8.0	7.2	7.2	7.2	6.5i	6.5i	6.5i	5.9i	5.9i	5.9i
	230	400	12.5	12.5	12.4	8.9	8.9	8.3	7.2	7.2	7.2	6.3i	6.3i	6.3i	5.6i	5.6i	5.6i	5.1a	5.1a	5.1a
	230	600	10.2	10.2	10.2	7.2	7.2	7.2	5.9i	5.9i	5.9i	5.1a	5.1a	5.1a	4.6a	4.6a	4.6a	4.2a	4.2a	4.2a
600S300-54	345	300	19.2	16.5	14.4	13.1	11.5	9.7	11.1	10.0	8.4	9.6	9.1	7.7	8.6	8.4	7.1	7.8	7.8	6.7
	345	400	16.6	15.0	13.1	11.8	10.4	8.8	9.6	9.1	7.7	8.3	8.3	7.0	7.4	7.4	6.5	6.8	6.8	6.1
	345	600	13.6	13.1	11.5	9.6	9.1	7.7	7.8	7.8	6.7	6.8	6.8	6.1	6.1	6.1	5.6	5.5	5.5	5.3
600S300-68	345	300	22.4	18.0	15.7	14.3	12.5	10.5	12.5	10.9	9.2	11.2	9.9	8.3	10.0	9.2	7.7	9.2	8.6	7.3
	345	400	19.4	16.3	14.3	13.0	11.3	9.5	11.2	9.9	8.3	9.7	9.0	7.6	8.7	8.3	7.0	7.9	7.8	6.6
	345	600	15.9	14.3	12.5	11.2	9.9	8.3	9.2	8.6	7.3	7.9	7.8	6.6	7.1	7.1	6.1	6.5	6.5	5.8
600S300-97	345	300	25.5	20.2	17.7	16.1	14.0	11.8	14.0	12.3	10.3	12.8	11.1	9.4	11.8	10.3	8.7	11.1	9.7	8.2
	345	400	23.2	18.4	16.1	14.6	12.8	10.8	12.8	11.1	9.4	11.6	10.1	8.5	10.8	9.4	7.9	10.0	8.8	7.5
	345	600	20.0	16.1	14.0	12.8	11.1	9.4	11.1	9.7	8.2	10.0	8.8	7.5	9.0	8.2	6.9	8.2	7.7	6.5
600S350-54	345	300	21.4	17.5	15.3	13.9	12.1	10.2	12.1	10.6	8.9	10.7	9.6	8.1	9.6	8.9	7.5	8.7	8.4	7.1
	345	400	18.5	15.9	13.9	12.6	11.0	9.3	10.7	9.6	8.1	9.3	8.7	7.4	8.3	8.1	6.8	7.6	7.6	6.4
	345	600	15.1	13.9	12.1	10.7	9.6	8.1	8.7	8.4	7.1	7.6	7.6	6.4	6.8	6.8	6.0	6.2i	6.2i	5.6
600S350-68	345	300	24.0	19.1	16.7	15.1	13.2	11.2	13.2	11.6	9.7	12.0	10.5	8.9	11.2	9.7	8.2	10.2	9.2	7.7
	345	400	21.6	17.3	15.1	13.8	12.0	10.1	12.0	10.5	8.9	10.8	9.5	8.0	9.7	8.9	7.5	8.8	8.3	7.0
	345	600	17.6	15.1	13.2	12.0	10.5	8.9	10.2	9.2	7.7	8.8	8.3	7.0	7.9	7.7	6.5	7.2	7.2	6.1
600S350-97	345	300	27.0	21.5	18.7	17.0	14.9	12.5	14.9	13.0	11.0	13.5	11.8	10.0	12.5	11.0	9.2	11.8	10.3	8.7
	345	400	24.6	19.5	17.0	15.5	13.5	11.4	13.5	11.8	10.0	12.3	10.7	9.0	11.4	10.0	8.4	10.7	9.4	7.9
	345	600	21.5	17.0	14.9	13.5	11.8	10.0	11.8	10.3	8.7	10.7	9.4	7.9	9.8	8.7	7.3	8.9	8.2	6.9

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
600S125-33	230	300	3.3a	3.3a	3.3a	3.0a	3.0a	3.0a	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a
	230	400	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a
	230	600	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a
600S125-43	230	300	4.0	4.0	4.0	3.7	3.7	3.7	3.5	3.5	3.5	3.3i	3.3i	3.3i	3.2i	3.2i	3.2i	3.0i	3.0i	3.0i
	230	400	3.4i	3.4i	3.4i	3.2i	3.2i	3.2i	3.0i	3.0i	3.0i	2.9i	2.9i	2.9i	2.7a	2.7a	2.7a	2.6a	2.6a	2.6a
	230	600	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a
600S125-54	345	300	5.3	5.3	5.3	5.0	5.0	5.0	4.7	4.7	4.7	4.4	4.4	4.4	4.2	4.2	4.2	4.1	4.1	4.1
	345	400	4.6	4.6	4.6	4.3	4.3	4.3	4.1	4.1	4.1	3.8	3.8	3.8	3.7	3.7	3.7	3.5	3.5	3.5
	345	600	3.8	3.8	3.8	3.5	3.5	3.5	3.3	3.3	3.3	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9
600S162-33	230	300	4.1a	4.1a	4.1a	3.8a	3.8a	3.8a	3.6a	3.6a	3.6a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a
	230	400	3.5a	3.5a	3.5a	3.3a	3.3a	3.3a	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a
	230	600	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.2a	2.2a	2.2a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a
600S162-43	230	300	4.9i	4.9i	4.9i	4.6i	4.6i	4.6i	4.3a	4.3a	4.3a	4.1a	4.1a	4.1a	3.9a	3.9a	3.9a	3.7a	3.7a	3.7a
	230	400	4.2a	4.2a	4.2a	4.0a	4.0a	4.0a	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a
	230	600	3.5a	3.5a	3.5a	3.2a	3.2a	3.2a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a
600S162-54	345	300	6.5	6.5	5.7	6.1	6.1	5.5	5.8	5.8	5.3	5.5	5.5	5.1	5.2	5.2	4.9	5.0	5.0	4.8
	345	400	5.6	5.6	5.2	5.3	5.3	5.0	5.0	5.0	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.3	4.3	4.3
	345	600	4.6	4.6	4.5	4.3	4.3	4.3	4.1	4.1	4.1	3.9i	3.9i	3.9i	3.7i	3.7i	3.7i	3.5i	3.5i	3.5i
600S162-68	345	300	7.6	7.3	6.1	7.1	7.0	5.9	6.7	6.7	5.6	6.3	6.3	5.4	6.0	6.0	5.3	5.8	5.8	5.1
	345	400	6.6	6.6	5.6	6.1	6.1	5.3	5.8	5.8	5.1	5.5	5.5	4.9	5.2	5.2	4.8	5.0	5.0	4.7
	345	600	5.4	5.4	4.9	5.0	5.0	4.7	4.7	4.7	4.5	4.5	4.5	4.3	4.3	4.3	4.2	4.1	4.1	4.1
600S162-97	345	300	9.2	8.1	6.8	8.8	7.7	6.5	8.3	7.4	6.2	7.8	7.2	6.0	7.5	6.9	5.8	7.2	6.7	5.7
	345	400	8.1	7.3	6.2	7.6	7.0	5.9	7.2	6.7	5.7	6.8	6.5	5.5	6.5	6.3	5.3	6.2	6.1	5.2
	345	600	6.6	6.4	5.4	6.2	6.1	5.2	5.8	5.8	5.0	5.5	5.5	4.8	5.3	5.3	4.6	5.1	5.1	4.5
600S200-33	230	300	4.3a	4.3a	4.3a	4.0a	4.0a	4.0a	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a	3.3a	3.3a	3.3a	3.1a	3.1a	3.1a
	230	400	3.7a	3.7a	3.7a	3.4a	3.4a	3.4a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a	2.6a	2.6a	2.6a
	230	600	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.0a	2.0a	2.0a	1.9a	1.9a	1.9a
600S200-43	230	300	5.2i	5.2i	5.2i	4.9a	4.9a	4.9a	4.6a	4.6a	4.6a	4.4a	4.4a	4.4a	4.2a	4.2a	4.2a	4.0a	4.0a	4.0a
	230	400	4.5a	4.5a	4.5a	4.2a	4.2a	4.2a	4.0a	4.0a	4.0a	3.8a	3.8a	3.8a	3.6a	3.6a	3.6a	3.5a	3.5a	3.5a
	230	600	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a
600S200-54	345	300	7.0	7.0	6.0	6.5	6.5	5.7	6.1	6.1	5.5	5.8	5.8	5.3	5.6	5.6	5.2	5.3	5.3	5.0
	345	400	6.0	6.0	5.5	5.6	5.6	5.2	5.3	5.3	5.0	5.0	5.0	4.8	4.8	4.8	4.7	4.6i	4.6i	4.6
	345	600	4.9	4.9	4.8	4.6i	4.6i	4.6	4.3i	4.3i	4.3i	4.1i	4.1i	4.1i	3.9i	3.9i	3.9i	3.7a	3.7a	3.7a
600S200-68	345	300	8.1	7.6	6.4	7.6	7.3	6.2	7.1	7.0	5.9	6.8	6.8	5.7	6.5	6.5	5.5	6.2	6.2	5.4
	345	400	7.0	6.9	5.9	6.6	6.6	5.6	6.2	6.2	5.4	5.9	5.9	5.2	5.6	5.6	5.0	5.4	5.4	4.9
	345	600	5.7	5.7	5.1	5.4	5.4	4.9	5.0	5.0	4.7	4.8	4.8	4.5	4.6	4.6	4.4	4.4	4.4	4.3
600S200-97	345	300	9.7	8.5	7.2	9.3	8.1	6.8	8.9	7.8	6.6	8.4	7.5	6.4	8.0	7.3	6.2	7.7	7.1	6.0
	345	400	8.7	7.7	6.5	8.2	7.4	6.2	7.7	7.1	6.0	7.3	6.8	5.8	7.0	6.6	5.6	6.7	6.4	5.4
	345	600	7.1	6.7	5.7	6.7	6.4	5.4	6.3	6.2	5.2	6.0	6.0	5.0	5.7	5.7	4.9	5.4	5.4	4.7
600S250-33	230	300	4.4a	4.4a	4.4a	4.1a	4.1a	4.1a	3.8a	3.8a	3.8a	3.6a	3.6a	3.6a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a
	230	400	3.7a	3.7a	3.7a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a
	230	600	2.9a	2.9a	2.9a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a
600S250-43	230	300	5.4i	5.4i	5.4i	5.0a	5.0a	5.0a	4.7a	4.7a	4.7a	4.5a	4.5a	4.5a	4.3a	4.3a	4.3a	4.1a	4.1a	4.1a
	230	400	4.7a	4.7a	4.7a	4.4a	4.4a	4.4a	4.1a	4.1a	4.1a	3.9a	3.9a	3.9a	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a
	230	600	3.8a	3.8a	3.8a	3.5a	3.5a	3.5a	3.3a	3.3a	3.3a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.8a	2.8a	2.8a
600S250-54	345	300	7.1	7.1	6.2	6.7	6.7	5.9	6.3	6.3	5.7	6.0	6.0	5.5	5.7	5.7	5.3	5.5	5.5	5.2
	345	400	6.2	6.2	5.6	5.8	5.8	5.4	5.5	5.5	5.2	5.2	5.2	5.0	4.9	4.9	4.9	4.7i	4.7i	4.7i
	345	600	5.1	5.1	4.9	4.7i	4.7i	4.7i	4.5i	4.5i	4.5i	4.2i	4.2i	4.2i	4.0i	4.0i	4.0i	3.8a	3.8a	3.8a
600S250-68	345	300	8.3	8.0	6.7	7.8	7.6	6.4	7.3	7.3	6.2	7.0	7.0	6.0	6.6	6.6	5.8	6.4	6.4	5.6
	345	400	7.2	7.2	6.1	6.7	6.7	5.9	6.4	6.4	5.6	6.0	6.0	5.4	5.8	5.8	5.3	5.5	5.5	5.1
	345	600	5.9	5.9	5.3	5.5	5.5	5.1	5.2	5.2	4.9	4.9	4.9	4.7	4.7	4.7	4.6	4.5	4.5	4.5
600S250-97	345	300	10.2	8.9	7.5	9.8	8.5	7.2	9.2	8.2	6.9	8.7	7.9	6.7	8.3	7.7	6.5	8.0	7.4	6.3
	345	400	9.0	8.1	6.8	8.5	7.7	6.5	8.0	7.4	6.3	7.6	7.2	6.1	7.2	7.0	5.9	6.9	6.8	5.7
	345	600	7.4	7.1	6.0	6.9	6.8	5.7	6.5	6.5	5.5	6.2	6.2	5.3	5.9	5.9	5.1	5.6	5.6	5.0

NOTES:

1) $p = I_w \{qCeCgCp\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.

The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

600S300-33	230	300	4.5a	4.5a	4.5a	4.1a	4.1a	4.1a	3.8a	3.8a	3.8a	3.6a	3.6a	3.6a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a
	230	400	3.7a	3.7a	3.7a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a
	230	600	2.9a	2.9a	2.9a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.2a	2.2a	2.2a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a
600S300-43	230	300	5.5i	5.5i	5.5i	5.1a	5.1a	5.1a	4.8a	4.8a	4.8a	4.6a	4.6a	4.6a	4.4a	4.4a	4.4a	4.2a	4.2a	4.2a
	230	400	4.7a	4.7a	4.7a	4.4a	4.4a	4.4a	4.2a	4.2a	4.2a	4.0a	4.0a	4.0a	3.8a	3.8a	3.8a	3.6a	3.6a	3.6a
	230	600	3.9a	3.9a	3.9a	3.6a	3.6a	3.6a	3.3a	3.3a	3.3a	3.1a	3.1a	3.1a	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a
600S300-54	345	300	7.3	7.3	6.4	6.8	6.8	6.1	6.4	6.4	5.9	6.1	6.1	5.6	5.8	5.8	5.5	5.5	5.5	5.3
	345	400	6.3	6.3	5.8	5.9	5.9	5.5	5.5	5.5	5.3	5.3	5.3	5.1	5.0	5.0	5.0	4.8i	4.8i	4.8i
	345	600	5.1	5.1	5.0	4.8i	4.8i	4.8i	4.5i	4.5i	4.5i	4.3i	4.3i	4.3i	4.1a	4.1a	4.1a	3.9a	3.9a	3.9a
600S300-68	345	300	8.5	8.2	6.9	7.9	7.8	6.6	7.5	7.5	6.4	7.1	7.1	6.1	6.8	6.8	6.0	6.5	6.5	5.8
	345	400	7.3	7.3	6.3	6.9	6.9	6.0	6.5	6.5	5.8	6.1	6.1	5.6	5.9	5.9	5.4	5.6	5.6	5.3
	345	600	6.0	6.0	5.5	5.6	5.6	5.3	5.3	5.3	5.0	5.0	5.0	4.9	4.8	4.8	4.7	4.6	4.6	4.6
600S300-97	345	300	10.6	9.2	7.8	10.0	8.8	7.5	9.4	8.5	7.2	9.0	8.2	6.9	8.5	8.0	6.7	8.2	7.7	6.5
	345	400	9.3	8.4	7.1	8.7	8.0	6.8	8.2	7.7	6.5	7.8	7.5	6.3	7.4	7.2	6.1	7.1	7.0	5.9
	345	600	7.6	7.3	6.2	7.1	7.0	5.9	6.7	6.7	5.7	6.3	6.3	5.5	6.0	6.0	5.3	5.7	5.7	5.2
600S350-54	345	300	8.1	8.0	6.7	7.6	7.6	6.4	7.1	7.1	6.2	6.8	6.8	6.0	6.4	6.4	5.8	6.2i	6.2i	5.6
	345	400	7.0	7.0	6.1	6.5	6.5	5.8	6.2i	6.2i	5.6	5.9i	5.9i	5.4	5.6i	5.6i	5.3i	5.3i	5.3i	5.1i
	345	600	5.7i	5.7i	5.3i	5.3i	5.3i	5.1i	4.9a	4.9a	4.9i	4.6a	4.6a	4.6a	4.4a	4.4a	4.4a	4.2a	4.2a	4.2a
600S350-68	345	300	9.4	8.7	7.4	8.8	8.3	7.0	8.3	8.0	6.8	7.9	7.7	6.5	7.5	7.5	6.3	7.2	7.2	6.1
	345	400	8.2	7.9	6.7	7.6	7.6	6.4	7.2	7.2	6.1	6.8	6.8	5.9	6.5	6.5	5.7	6.2	6.2	5.6
	345	600	6.7	6.7	5.8	6.2	6.2	5.6	5.9	5.9	5.4	5.5	5.5	5.2	5.3i	5.3i	5.0	5.0i	5.0i	4.9i
600S350-97	345	300	11.2	9.8	8.3	10.7	9.4	7.9	10.3	9.0	7.6	9.8	8.7	7.3	9.3	8.4	7.1	8.9	8.2	6.9
	345	400	10.2	8.9	7.5	9.5	8.5	7.2	8.9	8.2	6.9	8.4	7.9	6.7	8.0	7.7	6.5	7.6	7.4	6.3
	345	600	8.2	7.8	6.6	7.6	7.4	6.3	7.2	7.2	6.0	6.8	6.8	5.8	6.4	6.4	5.6	6.1	6.1	5.5

NOTES:

1) $p = I_w \{qCeCgCp\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.

The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
800S125-33	230	300	9.9e	9.9e	9.4e	7.0e	7.0e	6.3e	5.7e	5.7e	5.5e	4.9e	4.9e	4.9e	4.4e	4.4e	4.4e	4.0e	4.0e	4.0e
	230	400	8.5e	8.5e	8.5e	6.0e	6.0e	5.7e	4.9e	4.9e	4.9e	4.3e	4.3e	4.3e	3.8e	3.8e	3.8e	3.5e	3.5e	3.5e
	230	600	7.0e	7.0e	7.0e	4.9e	4.9e	4.9e	4.0e	4.0e	4.0e	3.5e	3.5e	3.5e	3.1e	3.1e	3.1e	2.8e	2.8e	2.8e
800S125-43	230	300	12.1	11.9	10.4	8.6	8.3	7.0	7.0	7.0	6.1	6.1	6.1	5.5	5.4	5.4	5.1	4.9e	4.9e	4.8e
	230	400	10.5	10.5	9.5	7.4	7.4	6.3	6.1	6.1	5.5	5.3e	5.3e	5.0	4.7e	4.7e	4.7e	4.3e	4.3e	4.3e
	230	600	8.6	8.6	8.3	6.1	6.1	5.5	4.9e	4.9e	4.8e	4.3e	4.3e	4.3e	3.8e	3.8e	3.8e	3.5e	3.5e	3.5e
800S125-54	345	300	16.1	12.8	11.2	10.2	8.9	7.5	8.9	7.8	6.5	8.1	7.1	5.9	7.3	6.5	5.5	6.7	6.2	5.2
	345	400	14.1	11.6	10.2	9.2	8.1	6.8	8.1	7.1	5.9	7.1	6.4	5.4	6.3	5.9	5.0	5.8	5.6	4.7
	345	600	11.5	10.2	8.9	8.1	7.1	5.9	6.7	6.2	5.2	5.8	5.6	4.7	5.2	5.2	4.4	4.7	4.7	4.1
800S162-33	230	300	12.5e	11.7e	10.3e	8.9e	8.1e	6.9e	7.2e	7.1e	6.0e	6.3e	6.3e	5.4e	5.6e	5.6e	5.1e	5.1e	5.1e	4.8e
	230	400	10.9e	10.7e	9.3e	7.7e	7.4e	6.2e	6.3e	6.3e	5.4e	5.4e	5.4e	4.9e	4.9e	4.9e	4.6e	4.4e	4.4e	4.3e
	230	600	8.9e	8.9e	8.1e	6.3e	6.3e	5.4e	5.1e	5.1e	4.8e	4.4e	4.4e	4.3e	4.0e	4.0e	4.0e	3.6e	3.6e	3.6e
800S162-43	230	300	15.1	12.9	11.3	10.3	9.0	7.6	8.7	7.8	6.6	7.5e	7.1e	6.0	6.8e	6.6e	5.6e	6.2e	6.2e	5.2e
	230	400	13.1	11.7	10.3	9.2	8.1	6.9	7.5e	7.1e	6.0	6.5e	6.5e	5.4e	5.8e	5.8e	5.1e	5.3e	5.3e	4.8e
	230	600	10.7	10.3	9.0	7.5e	7.1e	6.0	6.2e	6.2e	5.2e	5.3e	5.3e	4.8e	4.8e	4.8e	4.4e	4.4e	4.4e	4.2e
800S162-54	345	300	17.5	13.9	12.1	11.0	9.6	8.1	9.6	8.4	7.1	8.7	7.6	6.4	8.1	7.1	6.0	7.6	6.7	5.6
	345	400	15.9	12.6	11.0	10.0	8.7	7.4	8.7	7.6	6.4	7.9	6.9	5.9	7.4	6.4	5.4	6.9	6.1	5.1
	345	600	13.9	11.0	9.6	8.7	7.6	6.4	7.6	6.7	5.6	6.9	6.1	5.1	6.4	5.6	4.7	5.8e	5.3	4.5
800S162-68	345	300	18.9	15.0	13.1	11.9	10.4	8.8	10.4	9.1	7.7	9.5	8.3	7.0	8.8	7.7	6.5	8.3	7.2	6.1
	345	400	17.2	13.6	11.9	10.8	9.5	8.0	9.5	8.3	7.0	8.6	7.5	6.3	8.0	7.0	5.9	7.5	6.6	5.5
	345	600	15.0	11.9	10.4	9.5	8.3	7.0	8.3	7.2	6.1	7.5	6.6	5.5	7.0	6.1	5.1	6.6	5.7	4.8
800S162-97	345	300	21.1	16.7	14.6	13.3	11.6	9.8	11.6	10.1	8.5	10.5	9.2	7.8	9.8	8.5	7.2	9.2	8.0	6.8
	345	400	19.1	15.2	13.3	12.1	10.5	8.9	10.5	9.2	7.8	9.6	8.4	7.0	8.9	7.8	6.5	8.4	7.3	6.2
	345	600	16.7	13.3	11.6	10.5	9.2	7.8	9.2	8.0	6.8	8.4	7.3	6.2	7.8	6.8	5.7	7.3	6.4	5.4
800S200-33	230	300	13.5e	12.5e	10.9e	9.5e	8.6e	7.3e	7.8e	7.5e	6.4e	6.7e	6.7e	5.8e	6.0e	6.0e	5.4e	5.5e	5.5e	5.0e
	230	400	11.7e	11.3e	9.9e	8.3e	7.8e	6.6e	6.7e	6.7e	5.8e	5.8e	5.8e	5.3e	5.2e	5.2e	4.9e	4.8e	4.8e	4.6e
	230	600	9.5e	9.5e	8.6e	6.7e	6.7e	5.8e	5.5e	5.5e	5.0e	4.8e	4.8e	4.6e	4.3e	4.3e	4.3e	3.9e	3.9e	3.9e
800S200-43	230	300	16.2	13.7	11.9	10.8	9.5	8.0	9.4e	8.3	7.0	8.1e	7.5e	6.3	7.3e	7.0e	5.9e	6.6e	6.6e	5.5e
	230	400	14.0	12.4	10.8	9.8	8.6	7.3	8.1e	7.5e	6.3	7.0e	6.8e	5.8e	6.3e	6.3e	5.3e	5.7e	5.7e	5.0e
	230	600	11.5	10.8	9.5	8.1e	7.5e	6.3	6.6e	6.6e	5.5e	5.7e	5.7e	5.0e	5.1e	5.1e	4.7e	4.7e	4.7e	4.4e
800S200-54	345	300	18.5	14.7	12.8	11.6	10.2	8.6	10.2	8.9	7.5	9.2	8.1	6.8	8.6	7.5	6.3	8.1	7.1	5.9
	345	400	16.8	13.3	11.6	10.6	9.2	7.8	9.2	8.1	6.8	8.4	7.3	6.2	7.8	6.8	5.7	7.3	6.4	5.4
	345	600	14.7	11.6	10.2	9.2	8.1	6.8	8.1	7.1	5.9	7.3	6.4	5.4	6.8e	5.9	5.0	6.2e	5.6e	4.7
800S200-68	345	300	19.9	15.8	13.8	12.5	10.9	9.2	10.9	9.5	8.1	9.9	8.7	7.3	9.2	8.1	6.8	8.7	7.6	6.4
	345	400	18.0	14.3	12.5	11.4	9.9	8.4	9.9	8.7	7.3	9.0	7.9	6.6	8.4	7.3	6.2	7.9	6.9	5.8
	345	600	15.8	12.5	10.9	9.9	8.7	7.3	8.7	7.6	6.4	7.9	6.9	5.8	7.3	6.4	5.4	6.9	6.0	5.1
800S200-97	345	300	22.1	17.5	15.3	13.9	12.2	10.3	12.2	10.6	9.0	11.0	9.6	8.1	10.3	9.0	7.6	9.6	8.4	7.1
	345	400	20.1	15.9	13.9	12.6	11.0	9.3	11.0	9.6	8.1	10.0	8.8	7.4	9.3	8.1	6.9	8.8	7.7	6.5
	345	600	17.5	13.9	12.2	11.0	9.6	8.1	9.6	8.4	7.1	8.8	7.7	6.5	8.1	7.1	6.0	7.7	6.7	5.6
800S250-43	230	300	16.6	14.2	12.4	11.3	9.9	8.3	9.6e	8.6	7.3	8.3e	7.8e	6.6	7.4e	7.3e	6.1e	6.8e	6.8e	5.8e
	230	400	14.4	12.9	11.3	10.2	9.0	7.6	8.3e	7.8e	6.6	7.2e	7.1e	6.0e	6.4e	6.4e	5.6e	5.9e	5.9e	5.2e
	230	600	11.8	11.3	9.9	8.3e	7.8e	6.6	6.8e	6.8e	5.8e	5.9e	5.9e	5.2e	5.3e	5.3e	4.9e	4.8e	4.8e	4.6e
800S250-54	345	300	19.0	15.1	13.2	12.0	10.5	8.8	10.5	9.1	7.7	9.5	8.3	7.0	8.8	7.7	6.5	8.3	7.3	6.1
	345	400	17.3	13.7	12.0	10.9	9.5	8.0	9.5	8.3	7.0	8.6	7.6	6.4	8.0	7.0	5.9	7.6	6.6	5.6
	345	600	15.1	12.0	10.5	9.5	8.3	7.0	8.3	7.3	6.1	7.6	6.6	5.6	7.0e	6.1	5.2	6.4e	5.8e	4.9

NOTES:

1) $p = I_w \{qCeCgCp\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

800S250-68	345	300	20.6	16.4	14.3	13.0	11.4	9.6	11.4	9.9	8.4	10.3	9.0	7.6	9.6	8.4	7.1	9.0	7.9	6.6
	345	400	18.7	14.9	13.0	11.8	10.3	8.7	10.3	9.0	7.6	9.4	8.2	6.9	8.7	7.6	6.4	8.2	7.2	6.0
	345	600	16.4	13.0	11.4	10.3	9.0	7.6	9.0	7.9	6.6	8.2	7.2	6.0	7.6	6.6	5.6	7.2	6.2	5.3
800S250-97	345	300	23.1	18.3	16.0	14.5	12.7	10.7	12.7	11.1	9.4	11.5	10.1	8.5	10.7	9.4	7.9	10.1	8.8	7.4
	345	400	21.0	16.6	14.5	13.2	11.5	9.7	11.5	10.1	8.5	10.5	9.2	7.7	9.7	8.5	7.2	9.2	8.0	6.7
	345	600	18.3	14.5	12.7	11.5	10.1	8.5	10.1	8.8	7.4	9.2	8.0	6.7	8.5	7.4	6.3	8.0	7.0	5.9
800S300-43	230	300	16.9	14.5	12.7	11.5	10.1	8.5	9.7e	8.8	7.4	8.4e	8.0e	6.7	7.5e	7.4e	6.3e	6.9e	6.9e	5.9e
	230	400	14.6	13.2	11.5	10.3e	9.2	7.7	8.4e	8.0e	6.7	7.3e	7.3e	6.1e	6.5e	6.5e	5.7e	6.0e	6.0e	5.4e
	230	600	11.9	11.5	10.1	8.4e	8.0e	6.7	6.9e	6.9e	5.9e	6.0e	6.0e	5.4e	5.3e	5.3e	5.0e	4.9e	4.9e	4.7e
800S300-54	345	300	19.5	15.4	13.5	12.3	10.7	9.0	10.7	9.4	7.9	9.7	8.5	7.2	9.0	7.9	6.7	8.5	7.4	6.3
	345	400	17.7	14.0	12.3	11.1	9.7	8.2	9.7	8.5	7.2	8.8	7.7	6.5	8.2	7.2	6.0	7.7	6.7	5.7
	345	600	15.4	12.3	10.7	9.7	8.5	7.2	8.5	7.4	6.3	7.7	6.7	5.7	7.1e	6.3	5.3	6.5e	5.9e	5.0
800S300-68	345	300	21.1	16.8	14.7	13.3	11.6	9.8	11.6	10.2	8.6	10.6	9.2	7.8	9.8	8.6	7.2	9.2	8.1	6.8
	345	400	19.2	15.3	13.3	12.1	10.6	8.9	10.6	9.2	7.8	9.6	8.4	7.1	8.9	7.8	6.6	8.4	7.3	6.2
	345	600	16.8	13.3	11.6	10.6	9.2	7.8	9.2	8.1	6.8	8.4	7.3	6.2	7.8	6.8	5.7	7.3	6.4	5.4
800S300-97	345	300	23.9	18.9	16.5	15.0	13.1	11.1	13.1	11.5	9.7	11.9	10.4	8.8	11.1	9.7	8.2	10.4	9.1	7.7
	345	400	21.7	17.2	15.0	13.7	11.9	10.1	11.9	10.4	8.8	10.8	9.5	8.0	10.1	8.8	7.4	9.5	8.3	7.0
	345	600	18.9	15.0	13.1	11.9	10.4	8.8	10.4	9.1	7.7	9.5	8.3	7.0	8.8	7.7	6.5	8.3	7.2	6.1
800S350-54	345	300	20.5	16.3	14.2	12.9	11.3	9.5	11.3	9.9	8.3	10.3	9.0	7.6	9.5	8.3	7.0	9.0	7.8	6.6
	345	400	18.7	14.8	12.9	11.8	10.3	8.7	10.3	9.0	7.6	9.3	8.2	6.9	8.7	7.6	6.4	8.2e	7.1	6.0
	345	600	16.3	12.9	11.3	10.3	9.0	7.6	9.0	7.8	6.6	8.2e	7.1	6.0	7.6e	6.6e	5.6	7.1e	6.2e	5.2
800S350-68	345	300	22.4	17.8	15.6	14.1	12.3	10.4	12.3	10.8	9.1	11.2	9.8	8.3	10.4	9.1	7.7	9.8	8.6	7.2
	345	400	20.4	16.2	14.1	12.8	11.2	9.5	11.2	9.8	8.3	10.2	8.9	7.5	9.5	8.3	7.0	8.9	7.8	6.6
	345	600	17.8	14.1	12.3	11.2	9.8	8.3	9.8	8.6	7.2	8.9	7.8	6.6	8.3	7.2	6.1	7.8	6.8	5.7
800S350-97	345	300	25.2	20.0	17.5	15.9	13.9	11.7	13.9	12.1	10.2	12.6	11.0	9.3	11.7	10.2	8.6	11.0	9.6	8.1
	345	400	22.9	18.2	15.9	14.4	12.6	10.6	12.6	11.0	9.3	11.5	10.0	8.5	10.6	9.3	7.8	10.0	8.8	7.4
	345	600	20.0	15.9	13.9	12.6	11.0	9.3	11.0	9.6	8.1	10.0	8.8	7.4	9.3	8.1	6.9	8.8	7.6	6.4

NOTES:

1) $p = I_w \{qCeCgCp\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
800S125-33	230	300	3.7e	3.7e	3.7e	3.5e	3.5e	3.5e	3.3e	3.3e	3.3e	3.1e	3.1e	3.1e	3.0e	3.0e	3.0e	2.8e	2.8e	2.8e
	230	400	3.2e	3.2e	3.2e	3.0e	3.0e	3.0e	2.8e	2.8e	2.8e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e
	230	600	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e	2.3e	2.3e	2.3e	2.2e	2.2e	2.2e	2.1e	2.1e	2.1e	2.0e	2.0e	2.0e
800S125-43	230	300	4.6e	4.6e	4.6e	4.3e	4.3e	4.3e	4.0e	4.0e	4.0e	3.8e	3.8e	3.8e	3.7e	3.7e	3.7e	3.5e	3.5e	3.5e
	230	400	4.0e	4.0e	4.0e	3.7e	3.7e	3.7e	3.5e	3.5e	3.5e	3.3e	3.3e	3.3e	3.2e	3.2e	3.2e	3.0e	3.0e	3.0e
	230	600	3.2e	3.2e	3.2e	3.0e	3.0e	3.0e	2.9e	2.9e	2.9e	2.7e	2.7e	2.7e	2.6e	2.6e	2.6e	2.5e	2.5e	2.5e
800S125-54	345	300	6.2	5.9	4.9	5.8	5.6	4.7	5.4	5.4	4.5	5.2	5.2	4.4	4.9	4.9	4.2	4.7	4.7	4.1
	345	400	5.3	5.3	4.5	5.0	5.0	4.3	4.7	4.7	4.1	4.5	4.5	4.0	4.3	4.3	3.9	4.1e	4.1e	3.7
	345	600	4.4	4.4	3.9	4.1e	4.1e	3.7	3.8e	3.8e	3.6e	3.7e	3.7e	3.5e	3.5e	3.5e	3.4e	3.3e	3.3e	3.3e
800S162-33	230	300	4.7e	4.7e	4.5e	4.4e	4.4e	4.3e	4.2e	4.2e	4.2e	4.0e	4.0e	4.0e	3.8e	3.8e	3.8e	3.6e	3.6e	3.6e
	230	400	4.1e	4.1e	4.1e	3.8e	3.8e	3.8e	3.6e	3.6e	3.6e	3.4e	3.4e	3.4e	3.3e	3.3e	3.3e	3.1e	3.1e	3.1e
	230	600	3.4e	3.4e	3.4e	3.1e	3.1e	3.1e	2.8e	2.8e	2.8e	2.6e	2.6e	2.6e	2.3e	2.3e	2.3e	2.1e	2.1e	2.1e
800S162-43	230	300	5.7e	5.7e	5.0e	5.3e	5.3e	4.8e	5.0e	5.0e	4.6e	4.8e	4.8e	4.4e	4.6e	4.6e	4.3e	4.4e	4.4e	4.2e
	230	400	4.9e	4.9e	4.5e	4.6e	4.6e	4.3e	4.4e	4.4e	4.2e	4.1e	4.1e	4.0e	3.9e	3.9e	3.9e	3.8e	3.8e	3.8e
	230	600	4.0e	4.0e	3.9e	3.8e	3.8e	3.8e	3.6e	3.6e	3.6e	3.4e	3.4e	3.4e	3.2e	3.2e	3.2e	3.1e	3.1e	3.1e
800S162-54	345	300	7.3	6.3	5.3	6.9	6.1	5.1	6.7	5.8	4.9	6.4	5.6	4.7	6.1e	5.5	4.6	5.8e	5.3	4.5
	345	400	6.6	5.8	4.9	6.2e	5.5	4.6	5.8e	5.3	4.5	5.5e	5.1e	4.3	5.3e	5.0e	4.2	5.0e	4.8e	4.1e
	345	600	5.4e	5.0e	4.2	5.0e	4.8e	4.1e	4.7e	4.6e	3.9e	4.5e	4.5e	3.8e	4.3e	4.3e	3.7e	4.1e	4.1e	3.5e
800S162-68	345	300	7.9	6.9	5.8	7.5	6.6	5.5	7.2	6.3	5.3	7.0	6.1	5.1	6.8	5.9	5.0	6.6	5.7	4.8
	345	400	7.1	6.2	5.3	6.8	6.0	5.0	6.6	5.7	4.8	6.3	5.5	4.7	6.1	5.4	4.5	5.9	5.2	4.4
	345	600	6.2	5.4	4.6	5.9	5.2	4.4	5.6e	5.0	4.2	5.3e	4.8	4.1	5.0e	4.7e	3.9	4.8e	4.5e	3.8
800S162-97	345	300	8.7	7.6	6.4	8.4	7.3	6.2	8.0	7.0	5.9	7.8	6.8	5.7	7.5	6.6	5.5	7.3	6.4	5.4
	345	400	7.9	6.9	5.8	7.6	6.6	5.6	7.3	6.4	5.4	7.0	6.2	5.2	6.8	6.0	5.0	6.6	5.8	4.9
	345	600	6.9	6.1	5.1	6.6	5.8	4.9	6.4	5.6	4.7	6.2	5.4	4.5	6.0	5.2	4.4	5.8	5.1	4.3
800S200-33	230	300	5.1e	5.1e	4.8e	4.8e	4.8e	4.6e	4.5e	4.5e	4.4e	4.3e	4.3e	4.3e	4.1e	4.1e	4.1e	3.9e	3.9e	3.9e
	230	400	4.4e	4.4e	4.4e	4.1e	4.1e	4.1e	3.9e	3.9e	3.9e	3.7e	3.7e	3.7e	3.5e	3.5e	3.5e	3.2e	3.2e	3.2e
	230	600	3.6e	3.6e	3.6e	3.2e	3.2e	3.2e	2.8e	2.8e	2.8e	2.6e	2.6e	2.6e	2.3e	2.3e	2.3e	2.1e	2.1e	2.1e
800S200-43	230	300	6.1e	6.1e	5.3e	5.7e	5.7e	5.0e	5.4e	5.4e	4.8e	5.1e	5.1e	4.7e	4.9e	4.9e	4.5e	4.7e	4.7e	4.4e
	230	400	5.3e	5.3e	4.8e	5.0e	5.0e	4.6e	4.7e	4.7e	4.4e	4.4e	4.4e	4.2e	4.2e	4.2e	4.1e	4.1e	4.1e	4.0e
	230	600	4.3e	4.3e	4.2e	4.1e	4.1e	4.0e	3.8e	3.8e	3.8e	3.6e	3.6e	3.6e	3.5e	3.5e	3.5e	3.3e	3.3e	3.3e
800S200-54	345	300	7.7	6.7	5.7	7.3	6.4	5.4	7.1	6.2	5.2	6.8e	5.9	5.0	6.5e	5.8	4.9	6.2e	5.6e	4.7
	345	400	7.0e	6.1	5.1	6.6e	5.8	4.9	6.2e	5.6e	4.7	5.9e	5.4e	4.6	5.6e	5.2e	4.4e	5.4e	5.1e	4.3e
	345	600	5.8e	5.3e	4.5	5.4e	5.1e	4.3e	5.1e	4.9e	4.1e	4.8e	4.7e	4.0e	4.6e	4.6e	3.9e	4.4e	4.4e	3.7e
800S200-68	345	300	8.2	7.2	6.1	7.9	6.9	5.8	7.6	6.6	5.6	7.3	6.4	5.4	7.1	6.2	5.2	6.9	6.0	5.1
	345	400	7.5	6.5	5.5	7.2	6.3	5.3	6.9	6.0	5.1	6.6	5.8	4.9	6.4	5.6	4.7	6.3e	5.5	4.6
	345	600	6.5	5.7	4.8	6.3e	5.5	4.6	5.9e	5.3	4.4	5.6e	5.1e	4.3	5.4e	4.9e	4.1	5.1e	4.8e	4.0
800S200-97	345	300	9.2	8.0	6.8	8.8	7.7	6.5	8.4	7.4	6.2	8.1	7.1	6.0	7.9	6.9	5.8	7.7	6.7	5.6
	345	400	8.3	7.3	6.1	8.0	7.0	5.9	7.7	6.7	5.6	7.4	6.5	5.4	7.2	6.3	5.3	7.0	6.1	5.1
	345	600	7.3	6.4	5.4	7.0	6.1	5.1	6.7	5.8	4.9	6.5	5.6	4.8	6.3	5.5	4.6	6.1	5.3	4.5

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
800S250-43	230	300	6.3e	6.3e	5.5e	5.9e	5.9e	5.2e	5.5e	5.5e	5.0e	5.3e	5.3e	4.9e	5.0e	5.0e	4.7e	4.8e	4.8e	4.6e
	230	400	5.4e	5.4e	5.0e	5.1e	5.1e	4.8e	4.8e	4.8e	4.6e	4.6e	4.6e	4.4e	4.3e	4.3e	4.3e	4.2e	4.2e	4.2e
	230	600	4.4e	4.4e	4.3e	4.2e	4.2e	4.2e	3.9e	3.9e	3.9e	3.7e	3.7e	3.7e	3.5e	3.5e	3.5e	3.4e	3.4e	3.4e
800S250-54	345	300	7.9	6.9	5.8	7.6	6.6	5.6	7.3e	6.3	5.4	7.0e	6.1	5.2	6.7e	5.9e	5.0	6.4e	5.8e	4.9
	345	400	7.2e	6.3	5.3	6.8e	6.0e	5.1	6.4e	5.8e	4.9	6.1e	5.6e	4.7	5.8e	5.4e	4.5e	5.5e	5.2e	4.4e
	345	600	5.9e	5.5e	4.6e	5.5e	5.2e	4.4e	5.2e	5.0e	4.2e	4.9e	4.9e	4.1e	4.7e	4.7e	4.0e	4.5e	4.5e	3.9e
800S250-68	345	300	8.6	7.5	6.3	8.2	7.2	6.0	7.9	6.9	5.8	7.6	6.6	5.6	7.4	6.4	5.4	7.2	6.2	5.3
	345	400	7.8	6.8	5.7	7.4	6.5	5.5	7.2	6.2	5.3	6.9	6.0	5.1	6.7e	5.8	4.9	6.5e	5.7	4.8
	345	600	6.8	5.9	5.0	6.5e	5.7	4.8	6.1e	5.5e	4.6	5.8e	5.3e	4.4	5.5e	5.1e	4.3	5.3e	5.0e	4.2e
800S250-97	345	300	9.6	8.4	7.1	9.2	8.0	6.7	8.8	7.7	6.5	8.5	7.4	6.3	8.2	7.2	6.1	8.0	7.0	5.9
	345	400	8.7	7.6	6.4	8.3	7.3	6.1	8.0	7.0	5.9	7.7	6.7	5.7	7.5	6.5	5.5	7.3	6.4	5.4
	345	600	7.6	6.6	5.6	7.3	6.4	5.4	7.0	6.1	5.2	6.7	5.9	5.0	6.5	5.7	4.8	6.4	5.5	4.7
800S300-43	230	300	6.4e	6.4e	5.6e	6.0e	6.0e	5.4e	5.6e	5.6e	5.2e	5.3e	5.3e	5.0e	5.1e	5.1e	4.8e	4.9e	4.9e	4.7e
	230	400	5.5e	5.5e	5.1e	5.2e	5.2e	4.9e	4.9e	4.9e	4.7e	4.6e	4.6e	4.5e	4.4e	4.4e	4.4e	4.2e	4.2e	4.2e
	230	600	4.5e	4.5e	4.4e	4.2e	4.2e	4.2e	4.0e	4.0e	4.0e	3.8e	3.8e	3.8e	3.6e	3.6e	3.6e	3.4e	3.4e	3.4e
800S300-54	345	300	8.1	7.1	5.9	7.7	6.7	5.7	7.4e	6.5	5.5	7.1e	6.3	5.3	6.8e	6.1e	5.1	6.5e	5.9e	5.0
	345	400	7.3e	6.4	5.4	6.9e	6.1e	5.2	6.5e	5.9e	5.0	6.1e	5.7e	4.8e	5.9e	5.5e	4.6e	5.6e	5.4e	4.5e
	345	600	6.0e	5.6e	4.7e	5.6e	5.4e	4.5e	5.3e	5.1e	4.3e	5.0e	5.0e	4.2e	4.8e	4.8e	4.1e	4.6e	4.6e	3.9e
800S300-68	345	300	8.8	7.7	6.5	8.4	7.3	6.2	8.1	7.0	5.9	7.8	6.8	5.7	7.5	6.6	5.6	7.3	6.4	5.4
	345	400	8.0	7.0	5.9	7.6	6.7	5.6	7.3	6.4	5.4	7.1	6.2	5.2	6.9e	6.0	5.1	6.6e	5.8	4.9
	345	600	7.0	6.1	5.1	6.6e	5.8	4.9	6.2e	5.6e	4.7	5.9e	5.4e	4.6	5.6e	5.2e	4.4	5.4e	5.1e	4.3e
800S300-97	345	300	9.9	8.6	7.3	9.5	8.3	7.0	9.1	8.0	6.7	8.8	7.7	6.5	8.5	7.4	6.3	8.3	7.2	6.1
	345	400	9.0	7.9	6.6	8.6	7.5	6.3	8.3	7.2	6.1	8.0	7.0	5.9	7.7	6.8	5.7	7.5	6.6	5.5
	345	600	7.9	6.9	5.8	7.5	6.6	5.5	7.2	6.3	5.3	7.0	6.1	5.1	6.8	5.9	5.0	6.6	5.7	4.8
800S350-54	345	300	8.5	7.4	6.3	8.2e	7.1	6.0	7.8e	6.8	5.8	7.6e	6.6e	5.6	7.3e	6.4e	5.4	7.1e	6.2e	5.2
	345	400	7.7e	6.8	5.7	7.4e	6.5e	5.5	7.1e	6.2e	5.2	6.8e	6.0e	5.1e	6.5e	5.8e	4.9e	6.2e	5.7e	4.8e
	345	600	6.7e	5.9e	5.0e	6.2e	5.7e	4.8e	5.9e	5.4e	4.6e	5.6e	5.2e	4.4e	5.3e	5.1e	4.3e	5.1e	4.9e	4.2e
800S350-68	345	300	9.3	8.1	6.9	8.9	7.8	6.6	8.6	7.5	6.3	8.3	7.2	6.1	8.0	7.0	5.9	7.8	6.8	5.7
	345	400	8.5	7.4	6.2	8.1	7.1	6.0	7.8	6.8	5.7	7.5e	6.6	5.5	7.3e	6.4	5.4	7.1e	6.2e	5.2
	345	600	7.4e	6.5	5.4	7.1e	6.2e	5.2	6.8e	5.9e	5.0	6.5e	5.7e	4.8	6.2e	5.6e	4.7e	6.0e	5.4e	4.5e
800S350-97	345	300	10.5	9.2	7.7	10.0	8.8	7.4	9.6	8.4	7.1	9.3	8.1	6.9	9.0	7.9	6.6	8.8	7.6	6.4
	345	400	9.5	8.3	7.0	9.1	8.0	6.7	8.8	7.6	6.4	8.5	7.4	6.2	8.2	7.2	6.0	8.0	6.9	5.9
	345	600	8.3	7.3	6.1	8.0	6.9	5.9	7.6	6.7	5.6	7.4	6.4	5.4	7.2	6.2	5.3	6.9	6.1	5.1

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			0.25 kPa			0.50 kPa			0.75 kPa			1.00 kPa			1.25 kPa			1.50 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	L/120	L/240	L/360	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
800S125-33	230	300	9.9a	9.9a	9.9a	7.0a	7.0a	7.0a	5.7a	5.7a	5.7a	4.9a	4.9a	4.9a	4.4a	4.4a	4.4a	4.0a	4.0a	4.0a
	230	400	8.5a	8.5a	8.5a	6.0a	6.0a	6.0a	4.9a	4.9a	4.9a	4.3a	4.3a	4.3a	3.8a	3.8a	3.8a	3.5a	3.5a	3.5a
	230	600	7.0a	7.0a	7.0a	4.9a	4.9a	4.9a	4.0a	4.0a	4.0a	3.5a	3.5a	3.5a	3.0a	3.0a	3.0a	2.6a	2.6a	2.6a
800S125-43	230	300	12.1	12.1	12.1	8.6	8.6	8.6	7.0	7.0	7.0	6.1	6.1	6.1	5.4	5.4	5.4	4.9	4.9	4.9
	230	400	10.5	10.5	10.5	7.4	7.4	7.4	6.1	6.1	6.1	5.3	5.3	5.3	4.7i	4.7i	4.7i	4.3i	4.3i	4.3i
	230	600	8.6	8.6	8.6	6.1	6.1	6.1	4.9	4.9	4.9	4.3i	4.3i	4.3i	3.8a	3.8a	3.8a	3.5a	3.5a	3.5a
800S125-54	345	300	16.3	16.3	15.0	11.5	11.5	10.0	9.4	9.4	8.7	8.2	8.2	7.9	7.3	7.3	7.3	6.7	6.7	6.7
	345	400	14.1	14.1	13.6	10.0	10.0	9.1	8.2	8.2	7.9	7.1	7.1	7.1	6.3	6.3	6.3	5.8	5.8	5.8
	345	600	11.5	11.5	11.5	8.2	8.2	7.9	6.7	6.7	6.7	5.8	5.8	5.8	5.2	5.2	5.2	4.7	4.7	4.7
800S162-33	230	300	12.5a	12.5a	12.5a	8.9a	8.9a	8.9a	7.2a	7.2a	7.2a	6.1a	6.1a	6.1a	5.3a	5.3a	5.3a	4.7a	4.7a	4.7a
	230	400	10.9a	10.9a	10.9a	7.7a	7.7a	7.7a	6.1a	6.1a	6.1a	5.1a	5.1a	5.1a	4.4a	4.4a	4.4a	3.9a	3.9a	3.9a
	230	600	8.9a	8.9a	8.9a	6.1a	6.1a	6.1a	4.7a	4.7a	4.7a	3.9a	3.9a	3.9a	3.3a	3.3a	3.3a	2.9a	2.9a	2.9a
800S162-43	230	300	15.1	15.1	15.1	10.7	10.7	10.1	8.7	8.7	8.7	7.5	7.5	7.5	6.8i	6.8i	6.8i	6.2a	6.2a	6.2a
	230	400	13.1	13.1	13.1	9.2	9.2	9.2	7.5	7.5	7.5	6.5i	6.5i	6.5i	5.8a	5.8a	5.8a	5.3a	5.3a	5.3a
	230	600	10.7	10.7	10.7	7.5	7.5	7.5	6.2a	6.2a	6.2a	5.3a	5.3a	5.3a	4.7a	4.7a	4.7a	4.2a	4.2a	4.2a
800S162-54	345	300	20.1	18.5	16.2	14.2	12.9	10.8	11.6	11.2	9.5	10.1	10.1	8.6	9.0	9.0	8.0	8.2	8.2	7.5
	345	400	17.4	16.8	14.7	12.3	11.7	9.9	10.1	10.1	8.6	8.7	8.7	7.8	7.8	7.8	7.3	7.1	7.1	6.8
	345	600	14.2	14.2	12.9	10.1	10.1	8.6	8.2	8.2	7.5	7.1	7.1	6.8	6.4	6.4	6.3	5.8	5.8	5.8
800S162-68	345	300	23.6	20.1	17.5	15.9	13.9	11.7	13.6	12.1	10.2	11.8	11.0	9.3	10.5	10.2	8.6	9.6	9.6	8.1
	345	400	20.4	18.2	15.9	14.4	12.6	10.7	11.8	11.0	9.3	10.2	10.0	8.5	9.1	9.1	7.9	8.3	8.3	7.4
	345	600	16.7	15.9	13.9	11.8	11.0	9.3	9.6	9.6	8.1	8.3	8.3	7.4	7.5	7.5	6.9	6.8	6.8	6.5
800S162-97	345	300	28.1	22.3	19.5	17.7	15.5	13.1	15.5	13.5	11.4	14.1	12.3	10.4	13.1	11.4	9.6	12.1	10.7	9.0
	345	400	25.5	20.3	17.7	16.1	14.1	11.9	14.1	12.3	10.4	12.8	11.2	9.4	11.5	10.4	8.7	10.5	9.7	8.2
	345	600	21.0	17.7	15.5	14.1	12.3	10.4	12.1	10.7	9.0	10.5	9.7	8.2	9.4	9.0	7.6	8.6	8.5	7.2
800S200-33	230	300	13.5a	13.5a	13.5a	9.5a	9.5a	9.5a	7.6a	7.6a	7.6a	6.4a	6.4a	6.4a	5.5a	5.5a	5.5a	4.9a	4.9a	4.9a
	230	400	11.7a	11.7a	11.7a	8.1a	8.1a	8.1a	6.4a	6.4a	6.4a	5.3a	5.3a	5.3a	4.6a	4.6a	4.6a	4.0a	4.0a	4.0a
	230	600	9.5a	9.5a	9.5a	6.4a	6.4a	6.4a	4.9a	4.9a	4.9a	4.0a	4.0a	4.0a	3.4a	3.4a	3.4a	3.0a	3.0a	3.0a
800S200-43	230	300	16.2	16.2	15.9	11.5	11.5	10.7	9.4	9.4	9.3	8.1i	8.1i	8.1i	7.3i	7.3i	7.3i	6.6a	6.6a	6.6a
	230	400	14.0	14.0	14.0	9.9	9.9	9.7	8.1i	8.1i	8.1i	7.0a	7.0a	7.0a	6.3a	6.3a	6.3a	5.7a	5.7a	5.7a
	230	600	11.5	11.5	11.5	8.1i	8.1i	8.1i	6.6a	6.6a	6.6a	5.7a	5.7a	5.7a	5.1a	5.1a	5.1a	4.7a	4.7a	4.7a
800S200-54	345	300	21.6	19.6	17.1	15.3	13.6	11.5	12.5	11.9	10.0	10.8	10.8	9.1	9.6	9.6	8.4	8.8	8.8	7.9
	345	400	18.7	17.8	15.6	13.2	12.3	10.4	10.8	10.8	9.1	9.3	9.3	8.3	8.4	8.4	7.7	7.6	7.6	7.2
	345	600	15.3	15.3	13.6	10.8	10.8	9.1	8.8	8.8	7.9	7.6	7.6	7.2	6.8	6.8	6.7	6.2i	6.2i	6.2i
800S200-68	345	300	25.2	21.0	18.4	16.7	14.6	12.3	14.6	12.7	10.7	12.6	11.6	9.8	11.3	10.7	9.1	10.3	10.1	8.5
	345	400	21.8	19.1	16.7	15.2	13.3	11.2	12.6	11.6	9.8	10.9	10.5	8.9	9.8	9.8	8.2	8.9	8.9	7.8
	345	600	17.8	16.7	14.6	12.6	11.6	9.8	10.3	10.1	8.5	8.9	8.9	7.8	8.0	8.0	7.2	7.3	7.3	6.8
800S200-97	345	300	29.5	23.4	20.4	18.6	16.2	13.7	16.2	14.2	12.0	14.7	12.9	10.9	13.7	12.0	10.1	12.9	11.3	9.5
	345	400	26.8	21.3	18.6	16.9	14.7	12.4	14.7	12.9	10.9	13.4	11.7	9.9	12.3	10.9	9.2	11.2	10.2	8.6
	345	600	22.5	18.6	16.2	14.7	12.9	10.9	12.9	11.3	9.5	11.2	10.2	8.6	10.0	9.5	8.0	9.2	8.9	7.5
800S250-43	230	300	16.6	16.6	16.6	11.8	11.8	11.1	9.6	9.6	9.6	8.3i	8.3i	8.3i	7.4a	7.4a	7.4a	6.8a	6.8a	6.8a
	230	400	14.4	14.4	14.4	10.2	10.2	10.1	8.3i	8.3i	8.3i	7.2a	7.2a	7.2a	6.4a	6.4a	6.4a	5.9a	5.9a	5.9a
	230	600	11.8	11.8	11.8	8.3i	8.3i	8.3i	6.8a	6.8a	6.8a	5.9a	5.9a	5.9a	5.2a	5.2a	5.2a	4.7a	4.7a	4.7a
800S250-54	345	300	22.1	20.2	17.6	15.6	14.0	11.8	12.8	12.2	10.3	11.0	11.0	9.4	9.9	9.9	8.7	9.0	9.0	8.2
	345	400	19.1	18.3	16.0	13.5	12.7	10.7	11.0	11.0	9.4	9.6	9.6	8.5	8.6	8.6	7.9	7.8	7.8	7.4
	345	600	15.6	15.6	14.0	11.0	11.0	9.4	9.0	9.0	8.2	7.8	7.8	7.4	7.0	7.0	6.9	6.4i	6.4i	6.4i
800S250-68	345	300	25.9	21.9	19.1	17.4	15.2	12.8	14.9	13.2	11.2	12.9	12.0	10.2	11.6	11.2	9.4	10.6	10.5	8.9
	345	400	22.4	19.9	17.4	15.8	13.8	11.6	12.9	12.0	10.2	11.2	10.9	9.2	10.0	10.0	8.6	9.1	9.1	8.1
	345	600	18.3	17.4	15.2	12.9	12.0	10.2	10.6	10.5	8.9	9.1	9.1	8.1	8.2	8.2	7.5	7.5	7.5	7.0
800S250-97	345	300	30.8	24.5	21.4	19.4	17.0	14.3	17.0	14.8	12.5	15.4	13.5	11.4	14.3	12.5	10.5	13.4	11.8	9.9
	345	400	28.0	22.2	19.4	17.6	15.4	13.0	15.4	13.5	11.4	14.0	12.2	10.3	12.7	11.4	9.6	11.6	10.7	9.0
	345	600	23.2	19.4	17.0	15.4	13.5	11.4	13.4	11.8	9.9	11.6	10.7	9.0	10.4	9.9	8.4	9.5	9.3	7.9
800S300-43	230	300	16.9	16.9	16.9	11.9	11.9	11.4	9.7	9.7	9.7	8.4i	8.4i	8.4i	7.5a	7.5a	7.5a	6.9a	6.9a	6.9a
	230	400	14.6	14.6	14.6	10.3	10.3	10.3	8.4i	8.4i	8.4i	7.3a	7.3a	7.3a	6.5a	6.5a	6.5a	6.0a	6.0a	6.0a
	230	600	11.9	11.9	11.9	8.4i	8.4i	8.4i	6.9a	6.9a	6.9a	6.0a	6.0a	6.0a	5.2a	5.2a	5.2a	4.7a	4.7a	4.7a
800S300-54	345	300	22.4	20.6	18.0	15.8	14.3	12.1	12.9	12.5	10.5	11.2	11.2	9.6	10.0	10.0	8.9	9.1	9.1	8.4
	345	400	19.4	18.7	16.4	13.7	13.0	11.0	11.2	11.2	9.6	9.7	9.7	8.7	8.7	8.7	8.1	7.9	7.9	7.6
	345	600	15.8	15.8	14.3	11.2	11.2	9.6	9.1	9.1	8.4	7.9	7.9	7.6	7.1	7.1	7.1	6.5i	6.5i	6.5i
800S300-68	345	300	26.3	22.4	19.6	17.8	15.5	13.1	15.2	13.6	11.5	13.1	12.3	10.4	11.8	11.5	9.7	10.7	10.7	9.1
	345	400	22.8	20.4	17.8	16.1	14.1	11.9	13.1	12.3	10.4	11.4	11.2	9.5	10.2	10.2	8.8	9.3	9.3	8.3
	345	600	18.6	17.8	15.5	13.1	12.3	10.4	10.7	10.7	9.1	9.3	9.3	8.3	8.3	8.3	7.7	7.6	7.6	7.2
800S300-97	345	300	31.9	25.3	22.1	20.1	17.5	14.8	17.5	15.3	12.9	15.9	13.9	11.7	14.8	12.9	10.9	13.6	12.2	10.3
	345	400	28.9	23.0	20.1	18.2	15.9	13.4	15.9	13.9	11.7	14.5	12.6	10.7	12.9	11.7	9.9	11.8	11.0	9.3
	345	600	23.6	20.1	17.5	15.9	13.9	11.7	13.6	12.2	10.3	11.8	11.0	9.3	10.6	10.3	8.6	9.6	9.6	8.1
800S350-54	345	300	24.9	21.8	19.0	17.3	15.1	12.7	14.4	13.2	11.1	12.5	12.0	10.1	11.1	11.1	9.4	10.2	10.2	8.8
	345	400	21.6	19.8	17.3	15.3	13.7	11.6	12.5	12.0	10.1	10.8	10.8	9.2	9.6	9.6	8.5	8.8	8.8	8.0
	345	600	17.6	17.3	15.1	12.5	12.0	10.1	10.2	10.2	8.8	8.8	8.8	8.0	7.9i	7.9i	7.4i	7.2a	7.2a	7.0i
800S350-68	345	300	29.2	23.8	20.8	18.9	16.5	13.9	16.5	14.4	12.1	14.6	13.1	11.0	13.0	12.1	10.2	11.9	11.4	9.6
	345	400	25.3	21.6	18.9	17.1	15.0	12.6	14.6	13.1	11.0	12.6	11.9	10.0	11.3	11.0	9.3	10.3	10.3	8.8
	345	600	20.6	18.9	16.5	14.6	13.1	11.0	11.9	11.4	9.6	10.3	10.3	8.8	9.2	9.2	8.1	8.4	8.4	7.7
800S350-97	345	300	33.7	26.8	23.4	21.2	18.6	15.6	18.6	16.2	13.7	16.9	14.7	12.4	15.6	13.7	11.5	14.7	12.9	10.8
	345	400	30.6	24.3	21.2	19.3	16.9	14.2	16.9	14.7	12.4	15.3	13.4	11.3	14.2	12.4	10.5	13.1	11.7	9.9
	345	600	26.1	21.2	18.6	16.9	14.7	12.4	14.7	12.9	10.8	13.1	11.7	9.9	11.7	10.8	9.2	10.7	10.2	8.6

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (m)

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
800S125-33	230	300	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.8a	2.8a	2.8a	2.6a	2.6a	2.6a
	230	400	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a
	230	600	2.4a	2.4a	2.4a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.7a	1.7a	1.7a	1.5a	1.5a	1.5a
800S125-43	230	300	4.6i	4.6i	4.6i	4.3i	4.3i	4.3i	4.0i	4.0i	4.0i	3.8a	3.8a	3.8a	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a
	230	400	4.0a	4.0a	4.0a	3.7a	3.7a	3.7a	3.5a	3.5a	3.5a	3.3a	3.3a	3.3a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a
	230	600	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a	2.6a	2.6a	2.6a	2.5a	2.5a	2.5a
800S125-54	345	300	6.2	6.2	6.2	5.8	5.8	5.8	5.4	5.4	5.4	5.2	5.2	5.2	4.9	4.9	4.9	4.7	4.7	4.7
	345	400	5.3	5.3	5.3	5.0	5.0	5.0	4.7	4.7	4.7	4.5	4.5	4.5	4.3	4.3	4.3	4.1	4.1	4.1
	345	600	4.4	4.4	4.4	4.1	4.1	4.1	3.8	3.8	3.8	3.7i	3.7i	3.7i	3.5i	3.5i	3.5i	3.3i	3.3i	3.3i
800S162-33	230	300	4.2a	4.2a	4.2a	3.9a	3.9a	3.9a	3.6a	3.6a	3.6a	3.3a	3.3a	3.3a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a
	230	400	3.5a	3.5a	3.5a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.6a	2.6a	2.6a	2.4a	2.4a	2.4a	2.3a	2.3a	2.3a
	230	600	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.7a	1.7a	1.7a	1.6a	1.6a	1.6a
800S162-43	230	300	5.7a	5.7a	5.7a	5.3a	5.3a	5.3a	5.0a	5.0a	5.0a	4.7a	4.7a	4.7a	4.5a	4.5a	4.5a	4.2a	4.2a	4.2a
	230	400	4.9a	4.9a	4.9a	4.5a	4.5a	4.5a	4.2a	4.2a	4.2a	4.0a	4.0a	4.0a	3.8a	3.8a	3.8a	3.6a	3.6a	3.6a
	230	600	3.9a	3.9a	3.9a	3.6a	3.6a	3.6a	3.3a	3.3a	3.3a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a	2.7a	2.7a	2.7a
800S162-54	345	300	7.6	7.6	7.1	7.1	7.1	6.8	6.7	6.7	6.6	6.4	6.4	6.3	6.1	6.1	6.1	5.8	5.8	5.8
	345	400	6.6	6.6	6.5	6.2	6.2	6.2	5.8	5.8	5.8	5.5i	5.5i	5.5i	5.3i	5.3i	5.3i	5.0i	5.0i	5.0i
	345	600	5.4i	5.4i	5.4i	5.0i	5.0i	5.0i	4.7a	4.7a	4.7a	4.5a	4.5a	4.5a	4.3a	4.3a	4.3a	4.1a	4.1a	4.1a
800S162-68	345	300	8.9	8.9	7.7	8.3	8.3	7.4	7.9	7.9	7.1	7.5	7.5	6.9	7.1	7.1	6.6	6.8	6.8	6.5
	345	400	7.7	7.7	7.0	7.2	7.2	6.7	6.8	6.8	6.5	6.5	6.5	6.2	6.2	6.2	6.0	5.9	5.9	5.9
	345	600	6.3	6.3	6.1	5.9	5.9	5.9	5.6	5.6	5.6	5.3	5.3	5.3	5.0i	5.0i	5.0i	4.8i	4.8i	4.8i
800S162-97	345	300	11.2	10.2	8.6	10.5	9.7	8.2	9.9	9.4	7.9	9.4	9.0	7.6	9.0	8.8	7.4	8.6	8.5	7.2
	345	400	9.7	9.3	7.8	9.1	8.9	7.5	8.6	8.5	7.2	8.1	8.1	6.9	7.8	7.8	6.7	7.4	7.4	6.5
	345	600	8.0	8.0	6.8	7.4	7.4	6.5	7.0	7.0	6.3	6.7	6.7	6.1	6.3	6.3	5.9	6.1	6.1	5.7
800S200-33	230	300	4.4a	4.4a	4.4a	4.0a	4.0a	4.0a	3.7a	3.7a	3.7a	3.4a	3.4a	3.4a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a
	230	400	3.6a	3.6a	3.6a	3.2a	3.2a	3.2a	3.0a	3.0a	3.0a	2.7a	2.7a	2.7a	2.5a	2.5a	2.5a	2.3a	2.3a	2.3a
	230	600	2.6a	2.6a	2.6a	2.3a	2.3a	2.3a	2.1a	2.1a	2.1a	1.9a	1.9a	1.9a	1.8a	1.8a	1.8a	1.6a	1.6a	1.6a
800S200-43	230	300	6.1a	6.1a	6.1a	5.7a	5.7a	5.7a	5.4a	5.4a	5.4a	5.1a	5.1a	5.1a	4.9a	4.9a	4.9a	4.7a	4.7a	4.7a
	230	400	5.3a	5.3a	5.3a	5.0a	5.0a	5.0a	4.7a	4.7a	4.7a	4.4a	4.4a	4.4a	4.1a	4.1a	4.1a	3.9a	3.9a	3.9a
	230	600	4.2a	4.2a	4.2a	3.9a	3.9a	3.9a	3.6a	3.6a	3.6a	3.3a	3.3a	3.3a	3.1a	3.1a	3.1a	2.9a	2.9a	2.9a
800S200-54	345	300	8.2	8.2	7.5	7.6	7.6	7.2	7.2	7.2	6.9	6.8	6.8	6.7	6.5	6.5	6.5	6.2i	6.2i	6.2i
	345	400	7.1	7.1	6.9	6.6	6.6	6.6	6.2i	6.2i	6.2i	5.9i	5.9i	5.9i	5.6i	5.6i	5.6i	5.4a	5.4a	5.4a
	345	600	5.8i	5.8i	5.8i	5.4a	5.4a	5.4a	5.1a	5.1a	5.1a	4.8a	4.8a	4.8a	4.6a	4.6a	4.6a	4.4a	4.4a	4.4a
800S200-68	345	300	9.5	9.5	8.1	8.9	8.9	7.8	8.4	8.4	7.5	8.0	8.0	7.2	7.6	7.6	7.0	7.3	7.3	6.8
	345	400	8.3	8.3	7.4	7.7	7.7	7.0	7.3	7.3	6.8	6.9	6.9	6.5	6.6	6.6	6.3	6.3	6.3	6.2
	345	600	6.7	6.7	6.4	6.3	6.3	6.2	5.9	5.9	5.9	5.6i	5.6i	5.6i	5.4i	5.4i	5.4i	5.1i	5.1i	5.1i
800S200-97	345	300	12.0	10.7	9.0	11.2	10.2	8.6	10.6	9.8	8.3	10.0	9.5	8.0	9.6	9.2	7.8	9.2	8.9	7.5
	345	400	10.4	9.7	8.2	9.7	9.3	7.8	9.2	8.9	7.5	8.7	8.6	7.3	8.3	8.3	7.0	7.9	7.9	6.8
	345	600	8.5	8.5	7.2	7.9	7.9	6.8	7.5	7.5	6.6	7.1	7.1	6.4	6.8	6.8	6.2	6.5	6.5	6.0
800S250-43	230	300	6.3a	6.3a	6.3a	5.9a	5.9a	5.9a	5.5a	5.5a	5.5a	5.2a	5.2a	5.2a	4.9a	4.9a	4.9a	4.7a	4.7a	4.7a
	230	400	5.4a	5.4a	5.4a	5.0a	5.0a	5.0a	4.7a	4.7a	4.7a	4.4a	4.4a	4.4a	4.1a	4.1a	4.1a	3.9a	3.9a	3.9a
	230	600	4.3a	4.3a	4.3a	3.9a	3.9a	3.9a	3.6a	3.6a	3.6a	3.4a	3.4a	3.4a	3.1a	3.1a	3.1a	3.0a	3.0a	3.0a
800S250-54	345	300	8.4	8.4	7.8	7.8	7.8	7.4	7.4	7.4	7.1	7.0	7.0	6.9	6.7i	6.7i	6.7i	6.4i	6.4i	6.4i
	345	400	7.2	7.2	7.1	6.8	6.8	6.8	6.4i	6.4i	6.4i	6.1i	6.1i	6.1i	5.8i	5.8i	5.8i	5.5a	5.5a	5.5a
	345	600	5.9i	5.9i	5.9i	5.5a	5.5a	5.5a	5.2a	5.2a	5.2a	4.9a	4.9a	4.9a	4.7a	4.7a	4.7a	4.5a	4.5a	4.5a
800S250-68	345	300	9.8	9.8	8.4	9.1	9.1	8.1	8.6	8.6	7.7	8.2	8.2	7.5	7.8	7.8	7.2	7.5	7.5	7.0
	345	400	8.5	8.5	7.7	7.9	7.9	7.3	7.5	7.5	7.0	7.1	7.1	6.8	6.8	6.8	6.6	6.5	6.5	6.4
	345	600	6.9	6.9	6.7	6.5	6.5	6.4	6.1	6.1	6.1	5.8i	5.8i	5.8i	5.5i	5.5i	5.5i	5.3i	5.3i	5.3i
800S250-97	345	300	12.4	11.2	9.4	11.6	10.7	9.0	10.9	10.3	8.7	10.4	9.9	8.4	9.9	9.6	8.1	9.5	9.3	7.9
	345	400	10.7	10.1	8.6	10.0	9.7	8.2	9.5	9.3	7.9	9.0	9.0	7.6	8.5	8.5	7.4	8.2	8.2	7.2
	345	600	8.8	8.8	7.5	8.2	8.2	7.2	7.7	7.7	6.9	7.3	7.3	6.6	7.0	7.0	6.4	6.7	6.7	6.2

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Specified Loads			1.75 kPa			2.00 kPa			2.25 kPa			2.50 kPa			2.75 kPa			3.00 kPa		
Stud Designation	F_y (MPa)	Spacing (mm)	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
800S300-43	230	300	6.4a	6.4a	6.4a	6.0a	6.0a	6.0a	5.6a	5.6a	5.6a	5.2a	5.2a	5.2a	4.9a	4.9a	4.9a	4.7a	4.7a	4.7a
	230	400	5.5a	5.5a	5.5a	5.0a	5.0a	5.0a	4.7a	4.7a	4.7a	4.4a	4.4a	4.4a	4.1a	4.1a	4.1a	3.9a	3.9a	3.9a
	230	600	4.3a	4.3a	4.3a	3.9a	3.9a	3.9a	3.6a	3.6a	3.6a	3.4a	3.4a	3.4a	3.1a	3.1a	3.1a	3.0a	3.0a	3.0a
800S300-54	345	300	8.5	8.5	7.9	7.9	7.9	7.6	7.5	7.5	7.3	7.1	7.1	7.1	6.8i	6.8i	6.8i	6.5i	6.5i	6.5i
	345	400	7.3	7.3	7.2	6.9i	6.9i	6.9i	6.5i	6.5i	6.5i	6.1i	6.1i	6.1i	5.9a	5.9a	5.9a	5.6a	5.6a	5.6a
	345	600	6.0i	6.0i	6.0i	5.6a	5.6a	5.6a	5.3a	5.3a	5.3a	5.0a	5.0a	5.0a	4.7a	4.7a	4.7a	4.5a	4.5a	4.5a
800S300-68	345	300	9.9	9.9	8.6	9.3	9.3	8.3	8.8	8.8	7.9	8.3	8.3	7.7	7.9	7.9	7.4	7.6	7.6	7.2
	345	400	8.6	8.6	7.8	8.1	8.1	7.5	7.6	7.6	7.2	7.2	7.2	7.0	6.9	6.9	6.7	6.6	6.6	6.6
	345	600	7.0	7.0	6.9	6.6	6.6	6.6	6.2i	6.2i	6.2i	5.9i	5.9i	5.9i	5.6i	5.6i	5.6i	5.4i	5.4i	5.4i
800S300-97	345	300	12.6	11.5	9.7	11.8	11.0	9.3	11.1	10.6	9.0	10.6	10.3	8.6	10.1	9.9	8.4	9.6	9.6	8.1
	345	400	10.9	10.5	8.8	10.2	10.0	8.5	9.6	9.6	8.1	9.2	9.2	7.9	8.7	8.7	7.6	8.4	8.4	7.4
	345	600	8.9	8.9	7.7	8.4	8.4	7.4	7.9	7.9	7.1	7.5	7.5	6.9	7.1	7.1	6.6	6.8	6.8	6.5
800S350-54	345	300	9.4	9.4	8.4	8.8	8.8	8.0	8.3i	8.3i	7.7	7.9i	7.9i	7.4i	7.5i	7.5i	7.2i	7.2a	7.2a	7.0i
	345	400	8.2i	8.2i	7.6	7.6i	7.6i	7.3i	7.2a	7.2a	7.0i	6.8a	6.8a	6.8a	6.5a	6.5a	6.5a	6.2a	6.2a	6.2a
	345	600	6.7a	6.7a	6.7a	6.2a	6.2a	6.2a	5.7a	5.7a	5.7a	5.4a	5.4a	5.4a	5.1a	5.1a	5.1a	4.8a	4.8a	4.8a
800S350-68	345	300	11.0	10.9	9.2	10.3	10.3	8.8	9.7	9.7	8.4	9.2	9.2	8.1	8.8	8.8	7.9	8.4	8.4	7.7
	345	400	9.5	9.5	8.3	8.9	8.9	8.0	8.4	8.4	7.7	8.0	8.0	7.4	7.6i	7.6i	7.2	7.3i	7.3i	7.0i
	345	600	7.8	7.8	7.3	7.3i	7.3i	7.0i	6.9i	6.9i	6.7i	6.5i	6.5i	6.5i	6.2a	6.2a	6.2a	6.0a	6.0a	6.0a
800S350-97	345	300	14.0	12.2	10.3	13.1	11.7	9.9	12.3	11.2	9.5	11.7	10.8	9.2	11.1	10.5	8.9	10.7	10.2	8.6
	345	400	12.1	11.1	9.4	11.3	10.6	9.0	10.7	10.2	8.6	10.1	9.9	8.3	9.6	9.5	8.1	9.2	9.2	7.8
	345	600	9.9	9.7	8.2	9.2	9.2	7.8	8.7	8.7	7.5	8.3	8.3	7.3	7.9	7.9	7.0	7.5	7.5	6.8

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Combined Axial and Lateral Loads

1 Limiting factored axial resistances are based on simple span and are given in KN (1 KN = 1,000 N).
2 Axial resistances are based on Section H3 of S136-16 with the assumption that the axial load passes through the centroid of the effective section and studs are braced at 1220 mm o.c.
3 Studs are assumed to be adequately braced at a maximum spacing of L_u to develop the full factored moment resistance, M_r.
4 For deflection calculations, the SLS importance factor for wind load is 0.75.
5 End supports have not been checked for web crippling. See web crippling tables on page 89 .

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kN)

0 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	13.5	18.5	28.1	36.1	52.2	16.0	22.8	35.0	44.6	63.1	17.3	25.7	39.1	51.7	72.7	18.0	26.2	39.3	54.1	79.9
	400	13.5	18.5	28.1	36.1	52.2	16.0	22.8	35.0	44.6	63.1	17.3	25.7	39.1	51.7	72.7	18.0	26.2	39.3	54.1	79.9
	600	13.5	18.5	28.1	36.1	52.2	16.0	22.8	35.0	44.6	63.1	17.3	25.7	39.1	51.7	72.7	18.0	26.2	39.3	54.1	79.9
2.80	300	12.9	17.7	26.1	33.3	47.8	15.4	21.6	32.3	40.8	57.5	16.6	24.7	36.7	47.4	66.4	17.3	25.2	37.0	50.5	74.7
	400	12.9	17.7	26.1	33.3	47.8	15.4	21.6	32.3	40.8	57.5	16.6	24.7	36.7	47.4	66.4	17.3	25.2	37.0	50.5	74.7
	600	12.9	17.7	26.1	33.3	47.8	15.4	21.6	32.3	40.8	57.5	16.6	24.7	36.7	47.4	66.4	17.3	25.2	37.0	50.5	74.7
3.20	300	12.2	16.7	23.8	30.0	42.8	14.6	20.3	29.2	36.6	51.3	15.8	23.5	34.0	42.6	59.5	16.5	24.2	34.5	46.1	67.3
	400	12.2	16.7	23.8	30.0	42.8	14.6	20.3	29.2	36.6	51.3	15.8	23.5	34.0	42.6	59.5	16.5	24.2	34.5	46.1	67.3
	600	12.2	16.7	23.8	30.0	42.8	14.6	20.3	29.2	36.6	51.3	15.8	23.4	34.0	42.6	59.5	16.5	24.1	34.5	46.1	67.3
3.60	300	11.4	15.5	21.1	26.4	37.3	13.7	18.8	25.8	32.1	44.8	14.9	21.8	30.2	37.5	52.2	15.6	22.9	32.1	41.7	59.4
	400	11.4	15.5	21.1	26.4	37.3	13.7	18.8	25.8	32.1	44.8	14.9	21.8	30.2	37.5	52.2	15.6	22.9	32.1	41.7	59.4
	600	11.4	15.5	21.1	26.4	37.3	13.7	18.8	25.8	32.1	44.8	14.9	21.8	30.2	37.5	52.2	15.6	22.9	32.1	41.7	59.3
4.00	300	10.5	14.2	18.5	23.1	32.3	12.7	17.2	22.5	28.0	38.8	13.9	20.0	26.4	32.7	45.3	14.6	21.6	29.2	37.4	51.7
	400	10.5	14.2	18.5	23.1	32.3	12.7	17.2	22.5	28.0	38.8	13.9	20.0	26.4	32.7	45.3	14.6	21.6	29.2	37.4	51.7
	600	10.4	14.2	18.5	23.1	32.3	12.7	17.2	22.5	27.9	38.8	13.9	20.0	26.4	32.7	45.3	14.6	21.6	29.2	37.4	51.7
4.40	300	9.5	12.9	16.2	20.2	28.0	11.5	15.6	19.7	24.4	33.6	12.9	18.2	23.1	28.6	39.5	13.6	20.2	26.4	32.8	45.2
	400	9.5	12.9	16.2	20.2	28.0	11.5	15.6	19.7	24.4	33.6	12.9	18.2	23.1	28.6	39.5	13.6	20.2	26.4	32.8	45.2
	600	9.5	12.9	16.2	20.2	28.0	11.5	15.6	19.7	24.4	33.6	12.9	18.2	23.1	28.6	39.5	13.6	20.2	26.4	32.7	45.2
4.80	300	8.5	11.5	14.3	17.7	24.3	10.3	13.9	17.3	21.3	29.3	11.8	16.3	20.3	25.1	34.6	12.6	18.6	23.3	28.8	39.7
	400	8.5	11.5	14.3	17.7	24.3	10.3	13.9	17.3	21.3	29.3	11.8	16.3	20.3	25.1	34.6	12.6	18.6	23.3	28.8	39.7
	600	8.5	11.5	14.3	17.7	24.3	10.3	13.9	17.3	21.3	29.3	11.8	16.3	20.3	25.1	34.6	12.6	18.6	23.3	28.8	39.7
5.20	300	7.6	10.2	12.6	15.6	21.3	9.2	12.3	15.2	18.8	25.7	10.7	14.5	17.9	22.2	30.4	11.5	16.6	20.6	25.5	35.1
	400	7.6	10.2	12.6	15.5	21.3	9.2	12.3	15.2	18.8	25.7	10.7	14.5	17.9	22.1	30.4	11.5	16.6	20.6	25.5	35.1
	600	7.6	10.2	12.6	15.5	21.3	9.2	12.3	15.2	18.8	25.7	10.7	14.5	17.9	22.1	30.4	11.5	16.6	20.6	25.5	35.0
5.60	300	6.8	9.0	11.2	13.7	18.8	8.2	10.9	13.5	16.6	22.7	9.7	12.9	15.9	19.6	26.9	10.5	14.8	18.3	22.6	31.1
	400	6.8	9.0	11.1	13.7	18.8	8.2	10.9	13.5	16.6	22.7	9.7	12.9	15.9	19.6	26.9	10.5	14.8	18.3	22.6	31.1
	600	6.8	9.0	11.1	13.7	18.7	8.2	10.9	13.5	16.6	22.7	9.7	12.8	15.9	19.6	26.9	10.5	14.8	18.3	22.6	31.1
6.00	300	6.1	8.0	9.9	12.2	16.6	7.4	9.7	12.0	14.8	20.1	8.7	11.5	14.2	17.5	23.9	9.7	13.2	16.3	20.2	27.7
	400	6.1	8.0	9.9	12.2	16.6	7.4	9.7	12.0	14.8	20.1	8.7	11.5	14.2	17.5	23.9	9.7	13.2	16.3	20.2	27.7
	600	6.1	8.0	9.9	12.2	16.6	7.4	9.7	12.0	14.8	20.1	8.7	11.5	14.2	17.5	23.9	9.7	13.2	16.3	20.2	27.7

0.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	11.5	16.5	26.2	32.8	50.5	13.9	20.6	32.9	42.6	61.3	15.1	23.3	36.9	49.5	70.7	15.8	23.9	37.2	52.0	77.8
	400	10.9	15.9	25.6	32.2	49.9	13.2	19.9	32.2	41.9	60.7	14.4	22.6	36.2	48.8	70.0	15.2	23.2	36.5	51.3	77.1
	600	9.7	14.6	24.4	32.4	48.8	11.8	18.5	30.9	40.6	59.5	13.1	21.1	34.8	47.3	68.7	13.8	21.8	35.2	49.9	75.8
2.80	300	10.2	14.9	23.6	30.7	45.4	12.4	18.6	29.4	38.0	55.0	13.6	21.4	33.7	44.3	63.6	14.4	22.1	34.2	47.5	71.8
	400	9.4	14.0	22.8	29.9	44.7	11.5	17.7	28.5	37.1	54.2	12.7	20.4	32.7	43.3	62.7	13.5	21.1	33.3	46.5	70.8
	600	7.8	12.4	21.2	28.3	43.2	9.8	15.9	26.8	35.4	52.6	11.0	18.5	30.8	41.5	60.9	11.7	19.2	31.5	44.6	69.0
3.20	300	8.7	13.1	20.5	26.7	39.7	10.7	16.4	25.6	33.1	48.2	12.0	19.2	30.0	38.7	55.9	12.7	20.0	30.8	42.2	63.5
	400	7.7	12.0	19.6	25.7	38.8	9.6	15.2	24.5	32.0	47.2	10.8	17.9	28.8	37.5	54.7	11.6	18.8	29.6	41.0	62.4
	600	5.9[4]	10.1	17.7	23.9	37.0	7.6	13.1	22.5	30.0	45.2	8.8	15.6	26.5	35.3	52.6	9.5	16.4	27.4	38.7	60.0
3.60	300	7.2	11.1	17.3	22.6	33.8	9.0	14.0	21.6	28.0	41.1	10.2	16.6	25.5	33.0	47.9	11.0	17.7	27.4	36.9	54.8
	400	6.1[4]	9.9	16.2	21.5	32.7	7.8	12.7	20.4	26.8	39.9	8.9	15.1	24.1	31.6	46.6	9.7	16.2	26.0	35.5	53.4
	600	4.1[3]	7.8[4]	14.2	19.5	30.7	5.5[3]	10.4	18.2	24.6	37.8	6.6[4]	12.5	21.6	29.1	44.2	7.3[4]	13.5	23.5	32.8	50.8
4.00	300	5.7[4]	9.2	14.3	18.9	28.3	7.4	11.7	17.9	23.4	34.6	8.5	14.0	21.2	27.7	40.6	9.2	15.4	23.7	31.8	46.7
	400	4.6[3]	7.9[4]	13.2	17.7	27.2	6.0[4]	10.3	16.6	22.2	33.4	7.1[4]	12.4	19.8	26.3	39.2	7.8	13.7	22.2	30.3	45.2
	600	2.5[2]	5.7[3]	11.2[3]	15.6[4]	25.1	3.7[3]	7.9[3]	14.4[4]	19.9	31.2	4.6[3]	9.6[4]	17.2	23.7	36.6	5.2[3]	10.7[4]	19.4	27.4	42.4
4.40	300	4.4[3]	7.5[4]	11.8	15.7	23.8	5.8[4]	9.6	14.8	19.6	29.2	6.9[4]	11.6	17.6	23.2	34.4	7.6	13.0	20.2	26.8	39.7
	400	3.2[3]	6.2[3]	10.7[4]	14.5	22.6	4.4[3]	8.2[3]	13.5	18.3	27.9	5.4[3]	9.9[4]	16.1	21.8	32.9	6.0[3]	11.3	18.6	25.2	38.1
	600	1.2[2]	3.9[2]	8.7[3]	12.5[3]	20.5[4]	2.1[2]	5.7[3]	11.3[3]	16.0[3]	25.7	2.9[2]	7.1[3]	13.6[3]	19.2[4]	30.3	3.4[3]	8.2[3]	15.8[3]	22.3	35.3
4.80	300	3.3[3]	5.9[3]	9.7[4]	13.1	20.0	4.4[3]	7.7[4]	12.2	16.3	24.7	5.4[3]	9.4[4]	14.6	19.5	29.2	6.0[3]	10.8	16.8	22.6	33.9
	400	2.1[2]	4.6[3]	8.6[3]	11.9[3]	18.9	3.1[2]	6.3[3]	11.0[3]	15.1[4]	23.4	3.9[3]	7.8[3]	13.1[4]	18.0	27.7	4.5[3]	9.0[3]	15.3[4]	20.9	32.3
	600	0.1[1]	2.4[2]	6.6[2]	9.9[3]	16.8[3]	0.8[1]	3.9[2]	8.8[3]	12.8[3]	21.2[4]	1.4[2]	5.0[2]	10.7[3]	15.5[3]	25.1	1.8[2]	5.9[3]	12.4[3]	18.1[3]	29.4
5.20	300	2.3[2]	4.6[3]	8.0[3]	10.9[4]	16.9	3.2[3]	6.1[3]	10.1[3]	13.7	21.0	4.1[3]	7.5[3]	12.1[4]	16.4	24.8	4.7[3]	8.7[4]	14.0	19.0	29.0
	400	1.2[1]	3.3[2]	6.9[3]	9.7[3]	15.8[4]	2.0[2]	4.7[3]	8.9[3]	12.4[3]	19.7	2.7[2]	5.9[3]	10.7[3]	15.0[4]	23.4	3.1[2]	6.9[3]	12.5[3]	17.4[4]	27.4
	600		1.2[1]	5.0[2]	7.8[2]	13.8[3]		2.4[2]	6.8[2]	10.3[3]	17.5[3]	0.2[1]	3.2[2]	8.3[2]	12.5[3]	20.8[3]	0.5[1]	3.9[2]	9.7[3]	14.6[3]	24.5[4]
5.60	300	1.6[2]	3.5[2]	6.5[3]	9.1[3]	14.3[4]	2.3[2]	4.8[3]	8.3[3]	11.5[3]	17.9	3.0[2]	5.9[3]	10.0[3]	13.8[4]	21.2	3.5[2]	6.9[3]	11.7[3]	16.1	24.8
	400	0.5[1]	2.3[2]	5.5[2]	8.0[3]	13.2[3]	1.1[1]	3.5[2]	7.2[2]	10.3[3]	16.7[3]	1.6[2]	4.4[2]	8.7[3]	12.4[3]	19.8[4]	2.0[2]	5.2[3]	10.2[3]	14.5[3]	23.3
	600		0.3[1]	3.7[1]	6.1[2]	11.3[2]		1.2[1]	5.1[1]	8.2[2]	14.5[3]		1.9[1]	6.4[2]	10.0[2]	17.3[3]		2.3[2]	7.5[2]	11.8[3]	20.5[3]
6.00	300	1.0[1]	2.6[2]	5.3[2]	7.6[3]	12.2[3]	1.5[1]	3.7[2]	6.9[3]	9.7[3]	15.3[4]	2.1[2]	4.6[3]	8.3[3]	11.7[3]	18.2	2.6[2]	5.4[3]	9.7[3]	13.6[4]	21.4
	400		1.5[1]	4.3[2]	6.5[2]	11.1[3]	0.4[1]	2.4[1]	5.8[2]	8.5[2]	14.1[3]	0.8[1]	3.2[2]	7.1[2]	10.3[3]	16.8[3]	1.1[1]	3.8[2]	8.3[2]	12.1[3]	19.8[4]
	600			2.6[1]	4.7[1]	9.3[2]		0.3[1]	3.8[1]	6.5[1]	12.1[2]		0.8[1]	4.8[1]	8.0[2]	14.4[3]		1.0[1]	5.8[1]	9.5[2]	17.1[3]

[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

1.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	9.7	14.6	24.4	32.4	48.8	11.8	18.5	30.9	40.6	59.5	13.1	21.1	34.8	47.3	68.7	13.8	21.8	35.2	49.9	75.8
	400	8.5	13.4	23.3	31.2	47.7	10.5	17.2	29.6	39.3	58.4	11.8	19.7	33.4	45.9	67.4	12.5	20.4	33.9	48.5	74.4
	600	6.2	11.1	21.1	29.0	45.6	8.1	14.6	27.1	36.9	56.1	9.3	17.0	30.8	43.2	64.8	10.0	17.7	31.4	45.8	71.8
2.80	300	7.8	12.4	21.2	28.3	43.2	9.8	15.9	26.8	35.4	52.6	11.0	18.5	30.8	41.5	60.9	11.7	19.2	31.5	44.6	69.0
	400	6.3	10.9	19.7	26.8	41.7	8.1	14.2	25.1	33.8	51.1	9.3	16.7	29.1	39.7	59.2	10.1	17.4	29.8	42.8	67.2
	600	3.6[3]	8.0[4]	17.0	24.0	39.0	5.2[3]	11.1	22.1	30.7	48.2	6.3[4]	13.3	25.7	36.2	55.9	7.0[4]	14.0	26.6	39.3	63.7
3.20	300	5.9[4]	10.1	17.7	23.9	37.0	7.6	13.1	22.5	30.0	45.2	8.8	15.6	26.5	35.3	52.6	9.5	16.4	27.4	38.7	60.0
	400	4.2[3]	8.3[4]	16.0	22.1	35.3	5.8[3]	11.1	20.6	28.1	43.4	6.8[4]	13.4	24.4	33.1	50.5	7.5	14.2	25.4	36.5	57.8
	600	1.2[2]	5.0[3]	13.0[3]	19.0[4]	32.1	2.4[3]	7.6[3]	17.1[4]	24.6	40.0	3.4[3]	9.4[4]	20.5[4]	29.2	46.6	4.0[3]	10.2[4]	21.6	32.4	53.7
3.60	300	4.1[3]	7.8[4]	14.2	19.5	30.7	5.5[3]	10.4	18.2	24.6	37.8	6.6[4]	12.5	21.6	29.1	44.2	7.3[4]	13.5	23.5	32.8	50.8
	400	2.3[2]	5.8[3]	12.4[3]	17.6[4]	28.8	3.6[3]	8.2[3]	16.2[4]	22.6	35.8	4.5[3]	10.1[4]	19.3	26.8	41.9	5.1[3]	11.0[4]	21.1	30.4	48.4
	600		2.4[2]	9.2[3]	14.3[3]	25.5[4]	0.1[2]	4.5[3]	12.6[3]	18.9[3]	32.2	0.8[2]	5.9[3]	15.3[3]	22.7[4]	37.7	1.3[2]	6.6[3]	16.9[3]	25.9[4]	43.8
4.00	300	2.5[2]	5.7[3]	11.2[3]	15.6[4]	25.1	3.7[3]	7.9[3]	14.4[4]	19.9	31.2	4.6[3]	9.6[4]	17.2	23.7	36.6	5.2[3]	10.7[4]	19.4	27.4	42.4
	400	0.7[2]	3.7[2]	9.4[3]	13.8[3]	23.2[4]	1.7[2]	5.7[3]	12.4[3]	17.8[3]	29.1	2.4[2]	7.2[3]	14.9[3]	21.3[4]	34.2	2.9[3]	8.1[3]	16.9[3]	24.8	39.8
	600		0.3[1]	6.2[2]	10.5[2]	19.9[3]		1.9[2]	8.8[2]	14.2[3]	25.5[3]		2.9[2]	10.9[3]	17.2[3]	30.0[4]		3.5[2]	12.6[3]	20.2[3]	35.1
4.40	300	1.2[2]	3.9[2]	8.7[3]	12.5[3]	20.5[4]	2.1[2]	5.7[3]	11.3[3]	16.0[3]	25.7	2.9[2]	7.1[3]	13.6[3]	19.2[4]	30.3	3.4[3]	8.2[3]	15.8[3]	22.3	35.3
	400		1.9[2]	6.9[2]	10.6[3]	18.7[3]	0.1[1]	3.5[2]	9.3[3]	14.0[3]	23.6[4]	0.7[2]	4.7[2]	11.3[3]	16.8[3]	27.9	1.1[2]	5.4[3]	13.3[3]	19.7[3]	32.7
	600			3.8[1]	7.4[2]	15.4[2]			5.9[2]	10.4[2]	20.0[3]		0.4[1]	7.5[2]	12.8[2]	23.7[3]		0.8[2]	8.9[2]	15.2[3]	28.0[3]
4.80	300	0.1[1]	2.4[2]	6.6[2]	9.9[3]	16.8[3]	0.8[1]	3.9[2]	8.8[3]	12.8[3]	21.2[4]	1.4[2]	5.0[2]	10.7[3]	15.5[3]	25.1	1.8[2]	5.9[3]	12.4[3]	18.1[3]	29.4
	400		0.5[1]	4.9[1]	8.1[2]	15.0[3]		1.8[1]	6.9[2]	10.8[2]	19.2[3]		2.6[2]	8.5[2]	13.2[3]	22.7[3]		3.2[2]	10.0[2]	15.5[3]	26.8[4]
	600			2.0[1]	5.0[1]	11.8[2]			3.6[1]	7.4[1]	15.7[2]			4.8[1]	9.3[2]	18.6[3]			5.8[1]	11.2[2]	22.2[3]
5.20	300		1.2[1]	5.0[2]	7.8[2]	13.8[3]		2.4[2]	6.8[2]	10.3[3]	17.5[3]	0.2[1]	3.2[2]	8.3[2]	12.5[3]	20.8[3]	0.5[1]	3.9[2]	9.7[3]	14.6[3]	24.5[4]
	400			3.3[1]	6.0[1]	12.0[2]		0.4[1]	4.9[1]	8.4[2]	15.6[3]		1.0[1]	6.2[2]	10.3[2]	18.5[3]		1.3[1]	7.4[2]	12.2[2]	22.0[3]
	600			0.6[1]	3.1[1]	8.9[1]			1.8[1]	5.1[1]	12.2[2]			2.7[1]	6.5[1]	14.6[2]			3.4[1]	8.0[1]	17.6[2]
5.60	300		0.3[1]	3.7[1]	6.1[2]	11.3[2]		1.2[1]	5.1[1]	8.2[2]	14.5[3]		1.9[1]	6.4[2]	10.0[2]	17.3[3]		2.3[2]	7.5[2]	11.8[3]	20.5[3]
	400			2.1[1]	4.4[1]	9.6[2]			3.4[1]	6.4[1]	12.7[2]			4.4[1]	7.9[2]	15.1[2]			5.3[1]	9.5[2]	18.0[3]
	600				1.6[1]	6.7[1]			0.5[1]	3.3[1]	9.4[1]			1.0[1]	4.3[1]	11.3[1]			1.5[1]	5.4[1]	13.8[2]
6.00	300			2.6[1]	4.7[1]	9.3[2]		0.3[1]	3.8[1]	6.5[1]	12.1[2]		0.8[1]	4.8[1]	8.0[2]	14.4[3]		1.0[1]	5.8[1]	9.5[2]	17.1[3]
	400			1.1[1]	3.1[1]	7.6[1]			2.2[1]	4.8[1]	10.3[1]			2.9[1]	6.0[1]	12.3[2]			3.6[1]	7.3[1]	14.8[2]
	600				0.4[1]	4.9[1]				1.8[1]	7.2[1]				2.6[1]	8.7[1]				3.4[1]	10.7[1]

1.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	7.9	12.8	22.7	30.7	47.2	9.9	16.5	29.0	38.7	57.8	11.2	19.0	32.8	45.3	66.7	11.9	19.7	33.3	47.8	73.8
	400	6.2	11.1	21.1	29.0	45.6	8.1	14.6	27.1	36.9	56.1	9.3	17.0	30.8	43.2	64.8	10.0	17.7	31.4	45.8	71.8
	600	3.1[3]	7.8[4]	17.9	25.8	42.5	4.7[4]	11.1	23.6	33.4	52.8	5.8[4]	13.2	27.1	39.3	61.1	6.5	13.9	27.8	41.9	68.0
2.80	300	5.6[4]	10.1	19.0	26.1	41.0	7.4	13.4	24.4	33.0	50.4	8.5	15.8	28.2	38.8	58.3	9.3	16.5	29.0	41.9	66.3
	400	3.6[3]	8.0[4]	17.0	24.0	39.0	5.2[3]	11.1	22.1	30.7	48.2	6.3[4]	13.3	25.7	36.2	55.9	7.0[4]	14.0	26.6	39.3	63.7
	600		4.1[3]	13.3[3]	20.1[4]	35.2	1.2[3]	6.8[3]	17.9[4]	26.5	44.1	2.1[3]	8.6[3]	21.1[4]	31.5	51.2	2.7[3]	9.3[4]	22.1	34.5	58.7
3.20	300	3.4[3]	7.4[3]	15.2[4]	21.3	34.4	4.9[3]	10.2[4]	19.7	27.2	42.6	5.9[3]	12.4	23.4	32.1	49.5	6.6[4]	13.2	24.4	35.4	56.8
	400	1.2[2]	5.0[3]	13.0[3]	19.0[4]	32.1	2.4[3]	7.6[3]	17.1[4]	24.6	40.0	3.4[3]	9.4[4]	20.5[4]	29.2	46.6	4.0[3]	10.2[4]	21.6	32.4	53.7
	600		0.8[2]	8.9[2]	14.7[3]	27.8[3]		2.9[2]	12.6[3]	19.9[3]	35.4[4]		4.3[3]	15.4[3]	24.0[4]	41.3		4.8[3]	16.4[3]	26.9[4]	48.0
3.60	300	1.5[2]	4.9[3]	11.6[3]	16.7[4]	28.0	2.6[3]	7.2[3]	15.2[3]	21.6	34.9	3.5[3]	9.0[3]	18.3[4]	25.8	40.8	4.1[3]	9.9[4]	20.0	29.2	47.2
	400		2.4[2]	9.2[3]	14.3[3]	25.5[4]	0.1[2]	4.5[3]	12.6[3]	18.9[3]	32.2	0.8[2]	5.9[3]	15.3[3]	22.7[4]	37.7	1.3[2]	6.6[3]	16.9[3]	25.9[4]	43.8
	600			5.2[2]	10.0[2]	21.0[3]			8.0[2]	14.1[3]	27.4[3]		0.5[2]	10.1[2]	17.3[3]	32.2[3]		0.9[2]	11.4[3]	20.1[3]	37.8[4]
4.00	300		2.8[2]	8.5[3]	12.9[3]	22.4[4]	0.7[2]	4.7[2]	11.4[3]	16.9[3]	28.2	1.4[2]	6.0[3]	13.9[3]	20.3[4]	33.1	1.9[2]	6.8[3]	15.8[3]	23.6[4]	38.6
	400		0.3[1]	6.2[2]	10.5[2]	19.9[3]		1.9[2]	8.8[2]	14.2[3]	25.5[3]		2.9[2]	10.9[3]	17.2[3]	30.0[4]		3.5[2]	12.6[3]	20.2[3]	35.1
	600			2.2[1]	6.2[1]	15.5[2]			4.4[1]	9.5[2]	20.7[3]			5.8[2]	11.9[2]	24.5[3]			7.0[2]	14.3[2]	29.1[3]
4.40	300		1.0[1]	6.1[2]	9.8[2]	17.8[3]		2.5[2]	8.4[2]	13.0[3]	22.7[3]		3.5[2]	10.3[3]	15.8[3]	26.8[4]		4.2[2]	12.1[3]	18.5[3]	31.4
	400			3.8[1]	7.4[2]	15.4[2]			5.9[2]	10.4[2]	20.0[3]		0.4[1]	7.5[2]	12.8[2]	23.7[3]		0.8[2]	8.9[2]	15.2[3]	28.0[3]
	600				3.3[1]	11.1[1]			1.6[1]	5.9[1]	15.4[2]			2.6[1]	7.7[1]	18.3[2]			3.4[1]	9.4[2]	22.0[3]
4.80	300			4.1[1]	7.2[2]	14.1[2]		0.8[1]	6.0[2]	9.9[2]	18.3[3]		1.5[1]	7.5[2]	12.2[2]	21.7[3]		2.0[2]	8.9[2]	14.4[3]	25.6[3]
	400			2.0[1]	5.0[1]	11.8[2]			3.6[1]	7.4[1]	15.7[2]			4.8[1]	9.3[2]	18.6[3]			5.8[1]	11.2[2]	22.2[3]
	600				1.1[1]	7.8[1]				3.2[1]	11.3[1]			0.1[1]	4.4[1]	13.4[2]			0.5[1]	5.7[1]	16.5[2]
5.20	300			2.6[1]	5.3[1]	11.2[2]			4.1[1]	7.5[2]	14.7[2]			5.3[1]	9.3[2]	17.5[3]		0.1[1]	6.3[2]	11.1[2]	20.8[3]
	400			0.6[1]	3.1[1]	8.9[1]			1.8[1]	5.1[1]	12.2[2]			2.7[1]	6.5[1]	14.6[2]			3.4[1]	8.0[1]	17.6[2]
	600					5.1[1]				1.0[1]	8.0[1]				1.9[1]	9.6[1]				2.7[1]	12.0[1]
5.60	300			1.4[1]	3.7[1]	8.8[1]			2.6[1]	5.5[1]	11.8[2]			3.5[1]	7.0[1]	14.1[2]			4.3[1]	8.4[2]	16.9[2]
	400				1.6[1]	6.7[1]			0.5[1]	3.3[1]	9.4[1]			1.0[1]	4.3[1]	11.3[1]			1.5[1]	5.4[1]	13.8[2]
	600					3.0[1]					5.4[1]					6.6[1]				0.4[1]	8.5[1]
6.00	300			0.4[1]	2.4[1]	6.9[1]			1.4[1]	4.0[1]	9.5[1]			2.1[1]	5.1[1]	11.3[2]			2.6[1]	6.2[1]	13.7[2]
	400				0.4[1]	4.9[1]				1.8[1]	7.2[1]				2.6[1]	8.7[1]				3.4[1]	10.7[1]
	600					1.4[1]					3.4[1]					4.1[1]					5.6[1]

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

2.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	6.2	11.1	21.1	29.0	45.6	8.1	14.6	27.1	36.9	56.1	9.3	17.0	30.8	43.2	64.8	10.0	17.7	31.4	45.8	71.8
	400	4.1[4]	8.9	19.0	26.8	43.5	5.8[4]	12.2	24.8	34.5	53.9	7.0	14.4	28.3	40.6	62.3	7.7	15.1	29.0	43.2	69.3
	600	0.3[3]	4.8[3]	15.0[4]	22.8	39.6	1.6[3]	7.8[4]	20.3	30.0	49.7	2.6[3]	9.6[4]	23.6	35.7	57.6	3.2[3]	10.3	24.4	38.2	64.4
2.80	300	3.6[3]	8.0[4]	17.0	24.0	39.0	5.2[3]	11.1	22.1	30.7	48.2	6.3[4]	13.3	25.7	36.2	55.9	7.0[4]	14.0	26.6	39.3	63.7
	400	1.2[3]	5.4[3]	14.5[4]	21.4	36.4	2.5[3]	8.2[3]	19.2[4]	27.8	45.5	3.5[3]	10.1[4]	22.6	33.0	52.7	4.1[3]	10.8	23.5	36.0	60.4
	600		0.7[2]	9.9[3]	16.6[3]	31.6[4]		3.0[3]	14.1[3]	22.6[3]	40.3		4.4[3]	17.0[3]	27.1[4]	46.9		4.9[3]	17.9[3]	30.0	54.1
3.20	300	1.2[2]	5.0[3]	13.0[3]	19.0[4]	32.1	2.4[3]	7.6[3]	17.1[4]	24.6	40.0	3.4[3]	9.4[4]	20.5[4]	29.2	46.6	4.0[3]	10.2[4]	21.6	32.4	53.7
	400		2.2[2]	10.2[3]	16.1[3]	29.2[4]		4.4[3]	14.0[3]	21.4[3]	36.9	0.3[2]	5.9[3]	17.0[3]	25.7[4]	43.0	0.8[3]	6.5[3]	18.1[3]	28.7	49.8
	600			5.3[2]	10.9[2]	23.9[3]			8.5[2]	15.7[3]	31.2[3]			10.8[2]	19.3[3]	36.5[4]		0.1[2]	11.8[3]	21.9[3]	42.7[4]
3.60	300		2.4[2]	9.2[3]	14.3[3]	25.5[4]	0.1[2]	4.5[3]	12.6[3]	18.9[3]	32.2	0.8[2]	5.9[3]	15.3[3]	22.7[4]	37.7	1.3[2]	6.6[3]	16.9[3]	25.9[4]	43.8
	400			6.4[2]	11.4[2]	22.5[3]		1.2[2]	9.5[2]	15.7[3]	28.9[3]		2.2[2]	11.7[3]	19.1[3]	34.0[4]		2.7[2]	13.1[3]	21.9[3]	39.7
	600			1.6[1]	6.2[1]	17.1[2]			4.0[1]	10.0[2]	23.1[3]			5.5[2]	12.6[2]	27.2[3]			6.5[2]	14.9[2]	32.4[3]
4.00	300		0.3[1]	6.2[2]	10.5[2]	19.9[3]		1.9[2]	8.8[2]	14.2[3]	25.5[3]		2.9[2]	10.9[3]	17.2[3]	30.0[4]		3.5[2]	12.6[3]	20.2[3]	35.1
	400			3.5[1]	7.6[2]	16.9[2]			5.8[2]	11.0[2]	22.2[3]			7.4[2]	13.6[2]	26.2[3]			8.7[2]	16.2[3]	31.0[3]
	600				2.6[1]	11.7[1]			0.5[1]	5.5[1]	16.5[2]			1.4[1]	7.3[1]	19.6[2]			2.1[1]	9.1[2]	23.7[3]
4.40	300			3.8[1]	7.4[2]	15.4[2]			5.9[2]	10.4[2]	20.0[3]		0.4[1]	7.5[2]	12.8[2]	23.7[3]		0.8[2]	8.9[2]	15.2[3]	28.0[3]
	400			1.2[1]	4.6[1]	12.5[2]			3.0[1]	7.3[1]	16.9[2]			4.1[1]	9.3[2]	20.0[3]			5.1[1]	11.2[2]	23.9[3]
	600					7.5[1]				2.1[1]	11.4[1]				3.3[1]	13.6[2]				4.5[1]	16.8[2]
4.80	300			2.0[1]	5.0[1]	11.8[2]			3.6[1]	7.4[1]	15.7[2]			4.8[1]	9.3[2]	18.6[3]			5.8[1]	11.2[2]	22.2[3]
	400				2.3[1]	9.0[1]			0.8[1]	4.5[1]	12.7[1]			1.6[1]	5.9[1]	15.1[2]			2.2[1]	7.4[1]	18.3[2]
	600					4.3[1]					7.4[1]				0.2[1]	8.9[1]				0.9[1]	11.5[1]
5.20	300			0.6[1]	3.1[1]	8.9[1]			1.8[1]	5.1[1]	12.2[2]			2.7[1]	6.5[1]	14.6[2]			3.4[1]	8.0[1]	17.6[2]
	400				0.6[1]	6.3[1]				2.3[1]	9.3[1]				3.3[1]	11.2[1]				4.4[1]	13.8[2]
	600					1.8[1]					4.3[1]					5.3[1]					7.2[1]
5.60	300				1.6[1]	6.7[1]			0.5[1]	3.3[1]	9.4[1]			1.0[1]	4.3[1]	11.3[1]			1.5[1]	5.4[1]	13.8[2]
	400					4.2[1]				0.6[1]	6.7[1]				1.3[1]	8.0[1]				2.0[1]	10.1[1]
	600										2.0[1]					2.5[1]					3.9[1]
6.00	300				0.4[1]	4.9[1]				1.8[1]	7.2[1]				2.6[1]	8.7[1]				3.4[1]	10.7[1]
	400					2.5[1]					4.6[1]					5.5[1]				0.1[1]	7.2[1]
	600										0.1[1]					0.3[1]					1.3[1]

2.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	4.6[4]	9.4	19.5	27.4	44.0	6.4	12.8	25.3	35.1	54.5	7.5	15.1	28.9	41.3	63.0	8.3	15.7	29.6	43.8	69.9
	400	2.1[3]	6.8[4]	17.0	24.8	41.5	3.6[3]	9.9	22.5	32.2	51.8	4.7[4]	12.0	25.9	38.1	59.9	5.4[4]	12.6	26.6	40.7	66.8
	600		1.9[3]	12.3[3]	19.9[4]	36.8		4.6[3]	17.2[4]	26.9	46.7		6.2[3]	20.2[4]	32.1	54.2	0.1[3]	6.8[4]	21.1	34.7	60.8
2.80	300	1.8[3]	6.0[3]	15.1[4]	22.0	37.0	3.1[3]	8.9[4]	19.9	28.5	46.1	4.2[3]	10.9[4]	23.4	33.8	53.5	4.8[3]	11.6	24.3	36.8	61.2
	400		2.9[3]	12.1[3]	18.9[3]	34.0		5.5[3]	16.6[3]	25.1[4]	42.8	0.9[3]	7.2[3]	19.7[4]	30.0	49.8	1.4[3]	7.8[3]	20.7[4]	32.9	57.2
	600			6.8[2]	13.3[3]	28.3[3]			10.6[3]	18.9[3]	36.7[4]		0.5[2]	13.1[3]	23.1[3]	42.8		0.9[3]	14.0[3]	25.7[3]	49.7
3.20	300		2.9[2]	10.9[3]	16.8[3]	29.9[4]	0.2[2]	5.2[3]	14.8[3]	22.2[4]	37.7	1.0[2]	6.8[3]	17.9[3]	26.5	43.9	1.5[3]	7.4[3]	18.9[4]	29.6	50.8
	400			7.7[2]	13.4[3]	26.5[3]		1.5[2]	11.2[3]	18.5[3]	34.0[4]		2.7[3]	13.8[3]	22.4[3]	39.7		3.2[3]	14.8[3]	25.2[3]	46.2
	600			2.1[1]	7.5[2]	20.3[2]			4.9[2]	11.9[2]	27.3[3]			6.7[2]	15.0[3]	32.0[3]			7.6[2]	17.3[3]	37.9[3]
3.60	300		0.2[2]	7.1[2]	12.1[3]	23.2[3]		2.0[2]	10.2[2]	16.4[3]	29.7[3]		3.1[2]	12.6[3]	19.9[3]	34.9[4]		3.6[3]	14.0[3]	22.9[3]	40.7
	400			3.9[1]	8.7[2]	19.7[3]			6.6[2]	12.7[2]	25.9[3]			8.5[2]	15.7[3]	30.5[3]			9.7[2]	18.3[3]	35.9[3]
	600				2.8[1]	13.6[2]			0.4[1]	6.2[1]	19.2[2]			1.4[1]	8.3[2]	22.7[2]			2.2[1]	10.2[2]	27.4[3]
4.00	300			4.1[1]	8.3[2]	17.6[3]			6.5[2]	11.7[2]	23.0[3]		0.1[2]	8.3[2]	14.5[3]	27.1[3]		0.4[2]	9.7[2]	17.1[3]	32.0[3]
	400			1.0[1]	5.0[1]	14.2[2]			3.0[1]	8.1[1]	19.3[2]			4.3[1]	10.3[2]	22.8[3]			5.3[1]	12.5[2]	27.2[3]
	600					8.3[1]				1.8[1]	12.7[1]				3.2[1]	15.2[2]				4.5[1]	18.8[2]
4.40	300			1.8[1]	5.3[1]	13.2[2]			3.7[1]	8.1[1]	17.6[2]			4.9[1]	10.1[2]	20.9[3]			6.0[1]	12.2[2]	24.9[3]
	400				2.1[1]	9.9[1]			0.3[1]	4.6[1]	14.0[2]			1.1[1]	6.1[1]	16.7[2]			1.7[1]	7.7[1]	20.2[2]
	600					4.2[1]					7.8[1]					9.4[1]				0.1[1]	12.2[1]
4.80	300			0.1[1]	3.0[1]	9.7[1]			1.5[1]	5.2[1]	13.4[2]			2.3[1]	6.8[1]	15.9[2]			3.0[1]	8.3[1]	19.2[2]
	400					6.5[1]				1.9[1]	9.9[1]				2.9[1]	11.9[1]				4.0[1]	14.7[2]
	600					1.2[1]					4.0[1]					4.9[1]					7.0[1]
5.20	300				1.2[1]	6.9[1]				3.0[1]	10.0[1]			0.3[1]	4.1[1]	12.0[1]			0.7[1]	5.2[1]	14.7[2]
	400					4.0[1]					6.7[1]				0.5[1]	8.1[1]				1.2[1]	10.4[1]
	600										1.1[1]					1.5[1]					3.0[1]
5.60	300					4.8[1]				1.2[1]	7.3[1]				2.0[1]	8.8[1]				2.8[1]	11.0[1]
	400					2.0[1]					4.2[1]					5.1[1]					6.9[1]
	600																				
6.00	300					3.1[1]					5.2[1]				0.4[1]	6.3[1]				0.9[1]	8.1[1]
	400					0.4[1]					2.2[1]					2.8[1]					4.1[1]
	600																				

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

3.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	3.1[3]	7.8[4]	17.9	25.8	42.5	4.7[4]	11.1	23.6	33.4	52.8	5.8[4]	13.2	27.1	39.3	61.1	6.5	13.9	27.8	41.9	68.0
	400	0.3[3]	4.8[3]	15.0[4]	22.8	39.6	1.6[3]	7.8[4]	20.3	30.0	49.7	2.6[3]	9.6[4]	23.6	35.7	57.6	3.2[3]	10.3	24.4	38.2	64.4
	600			9.6[3]	17.2[3]	34.0[4]		1.7[3]	14.3[3]	23.9[4]	43.8		3.0[3]	17.0[3]	28.8[4]	50.8		3.6[3]	17.9[4]	31.3	57.4
2.80	300		4.1[3]	13.3[3]	20.1[4]	35.2	1.2[3]	6.8[3]	17.9[4]	26.5	44.1	2.1[3]	8.6[3]	21.1[4]	31.5	51.2	2.7[3]	9.3[4]	22.1	34.5	58.7
	400		0.7[2]	9.9[3]	16.6[3]	31.6[4]		3.0[3]	14.1[3]	22.6[3]	40.3		4.4[3]	17.0[3]	27.1[4]	46.9		4.9[3]	17.9[3]	30.0	54.1
	600			3.8[2]	10.2[2]	25.1[3]			7.3[2]	15.5[3]	33.3[3]			9.4[2]	19.2[3]	38.9[4]			10.4[3]	21.7[3]	45.5[4]
3.20	300		0.8[2]	8.9[2]	14.7[3]	27.8[3]		2.9[2]	12.6[3]	19.9[3]	35.4[4]		4.3[3]	15.4[3]	24.0[4]	41.3		4.8[3]	16.4[3]	26.9[4]	48.0
	400			5.3[2]	10.9[2]	23.9[3]			8.5[2]	15.7[3]	31.2[3]			10.8[2]	19.3[3]	36.5[4]		0.1[2]	11.8[3]	21.9[3]	42.7[4]
	600				4.3[1]	17.0[2]			1.5[1]	8.4[2]	23.7[2]			2.9[1]	11.0[2]	27.9[3]			3.7[2]	13.1[2]	33.4[3]
3.60	300			5.2[2]	10.0[2]	21.0[3]			8.0[2]	14.1[3]	27.4[3]		0.5[2]	10.1[2]	17.3[3]	32.2[3]		0.9[2]	11.4[3]	20.1[3]	37.8[4]
	400			1.6[1]	6.2[1]	17.1[2]			4.0[1]	10.0[2]	23.1[3]			5.5[2]	12.6[2]	27.2[3]			6.5[2]	14.9[2]	32.4[3]
	600					10.3[1]				2.7[1]	15.6[2]				4.4[1]	18.5[2]				5.9[1]	22.8[2]
4.00	300			2.2[1]	6.2[1]	15.5[2]			4.4[1]	9.5[2]	20.7[3]			5.8[2]	11.9[2]	24.5[3]			7.0[2]	14.3[2]	29.1[3]
	400				2.6[1]	11.7[1]			0.5[1]	5.5[1]	16.5[2]			1.4[1]	7.3[1]	19.6[2]			2.1[1]	9.1[2]	23.7[3]
	600					5.1[1]					9.3[1]					11.1[1]				0.3[1]	14.4[2]
4.40	300				3.3[1]	11.1[1]			1.6[1]	5.9[1]	15.4[2]			2.6[1]	7.7[1]	18.3[2]			3.4[1]	9.4[2]	22.0[3]
	400					7.5[1]				2.1[1]	11.4[1]				3.3[1]	13.6[2]				4.5[1]	16.8[2]
	600					1.2[1]					4.5[1]					5.5[1]					7.9[1]
4.80	300				1.1[1]	7.8[1]				3.2[1]	11.3[1]			0.1[1]	4.4[1]	13.4[2]			0.5[1]	5.7[1]	16.5[2]
	400					4.3[1]					7.4[1]				0.2[1]	8.9[1]				0.9[1]	11.5[1]
	600										0.9[1]					1.3[1]					2.9[1]
5.20	300					5.1[1]				1.0[1]	8.0[1]				1.9[1]	9.6[1]				2.7[1]	12.0[1]
	400					1.8[1]					4.3[1]					5.3[1]					7.2[1]
	600																				
5.60	300					3.0[1]					5.4[1]					6.5[1]				0.4[1]	8.5[1]
	400										2.0[1]					2.5[1]					3.9[1]
	600																				
6.00	300					1.4[1]					3.4[1]					4.1[1]					5.6[1]
	400										0.1[1]					0.3[1]					1.3[1]
	600																				

3.5 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	362S162					362S200					362S250					362S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	1.7[3]	6.3[3]	16.5	24.3	41.0	3.1[3]	9.4[4]	22.0	31.7	51.3	4.2[3]	11.4	25.3	37.5	59.3	4.9[4]	12.0	26.1	40.1	66.2
	400		2.9[3]	13.2[3]	20.8[4]	37.7		5.7[3]	18.2[4]	27.9	47.7	0.6[3]	7.3[4]	21.3	33.3	55.3	1.1[3]	8.0[4]	22.2	35.9	62.0
	600			7.1[3]	14.5[3]	31.4[3]			11.5[3]	21.0[3]	41.0[4]			14.0[3]	25.5[4]	47.6		0.4[3]	14.9[3]	28.0[4]	54.1
2.80	300		2.4[3]	11.5[3]	18.3[3]	33.4		4.9[3]	16.0[3]	24.5[4]	42.2	0.2[3]	6.4[3]	19.0[4]	29.3	49.0	0.8[3]	7.1[3]	20.0[4]	32.2	56.4
	400			7.8[2]	14.4[3]	29.4[3]		0.6[2]	11.7[3]	20.1[3]	37.9[4]		1.8[3]	14.3[3]	24.4[3]	44.1		2.2[3]	15.3[3]	27.1[4]	51.1
	600			1.1[1]	7.3[2]	22.1[3]			4.2[2]	12.3[2]	30.1[3]			6.0[2]	15.6[3]	35.2[3]			6.9[2]	17.9[3]	41.5[4]
3.20	300			7.1[2]	12.8[3]	25.8[3]		0.8[2]	10.5[3]	17.8[3]	33.3[4]		1.9[2]	13.1[3]	21.6[3]	38.9[4]		2.4[3]	14.1[3]	24.3[3]	45.3
	400			3.1[1]	8.6[2]	21.5[3]			6.1[2]	13.2[2]	28.6[3]			8.0[2]	16.4[3]	33.5[3]			9.0[2]	18.8[3]	39.5[4]
	600				1.3[1]	13.9[2]				5.1[1]	20.3[2]				7.3[2]	23.9[2]				9.1[2]	29.1[3]
3.60	300			3.3[1]	8.1[2]	19.0[2]			5.9[2]	12.0[2]	25.2[3]			7.8[2]	14.9[3]	29.6[3]			8.9[2]	17.4[3]	35.0[3]
	400				3.9[1]	14.7[2]			1.6[1]	7.4[1]	20.5[2]			2.8[1]	9.7[2]	24.2[3]			3.6[1]	11.7[2]	29.0[3]
	600					7.2[1]					12.3[1]				0.7[1]	14.6[2]				1.9[1]	18.5[2]
4.00	300			0.5[1]	4.4[1]	13.5[2]			2.4[1]	7.4[1]	18.5[2]			3.6[1]	9.5[2]	21.9[3]			4.5[1]	11.6[2]	26.3[3]
	400				0.4[1]	9.4[1]				3.0[1]	14.0[1]				4.5[1]	16.6[2]				6.0[1]	20.4[2]
	600					2.2[1]					6.1[1]					7.4[1]					10.2[1]
4.40	300				1.5[1]	9.3[1]				3.9[1]	13.3[1]			0.4[1]	5.4[1]	15.9[2]			0.9[1]	6.9[1]	19.4[2]
	400					5.3[1]					8.9[1]				0.6[1]	10.7[1]				1.5[1]	13.7[1]
	600										1.4[1]					1.9[1]					3.9[1]
4.80	300					6.0[1]				1.3[1]	9.3[1]				2.2[1]	11.1[1]				3.2[1]	13.9[2]
	400					2.2[1]					5.1[1]					6.2[1]					8.4[1]
	600																				
5.20	300					3.4[1]					6.1[1]					7.4[1]				0.4[1]	9.6[1]
	400										2.2[1]					2.7[1]					4.4[1]
	600																				
5.60	300					1.4[1]					3.6[1]					4.4[1]					6.1[1]
	400																				1.2[1]
	600																				
6.00	300										1.7[1]					2.1[1]					3.4[1]
	400																				
	600																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kN)

0 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	14.4	19.8	31.0	41.1	59.9	16.9	24.3	38.6	50.6	72.5	18.2	27.1	41.7	57.3	83.7	18.9	27.6	42.6	59.5	90.5
	400	14.4	19.8	31.0	41.1	59.9	16.9	24.3	38.6	50.6	72.5	18.2	27.1	41.7	57.3	83.7	18.9	27.6	42.6	59.5	90.5
	600	14.4	19.8	31.0	41.1	59.9	16.9	24.3	38.6	50.6	72.5	18.2	27.1	41.7	57.3	83.7	18.9	27.6	42.6	59.5	90.5
2.80	300	13.9	19.1	29.4	38.9	56.1	16.4	23.4	36.3	47.5	67.5	17.6	26.3	40.4	54.7	77.8	18.3	26.8	40.7	57.1	85.2
	400	13.9	19.1	29.4	38.9	56.1	16.4	23.4	36.3	47.5	67.5	17.6	26.3	40.4	54.7	77.8	18.3	26.8	40.7	57.1	85.2
	600	13.9	19.1	29.4	38.9	56.1	16.3	23.4	36.3	47.5	67.5	17.6	26.3	40.4	54.7	77.8	18.3	26.8	40.7	57.1	85.2
3.20	300	13.3	18.3	27.4	36.2	51.4	15.7	22.2	33.6	43.8	61.6	16.9	25.3	38.1	50.8	71.2	17.7	25.9	38.5	54.1	79.6
	400	13.3	18.3	27.4	36.1	51.4	15.7	22.2	33.6	43.8	61.6	16.9	25.3	38.1	50.8	71.2	17.7	25.9	38.5	54.1	79.6
	600	13.3	18.3	27.4	36.1	51.4	15.7	22.2	33.6	43.8	61.6	16.9	25.3	38.1	50.8	71.2	17.7	25.9	38.5	54.0	79.6
3.60	300	12.6	17.3	25.1	32.7	46.2	14.9	20.9	30.6	39.7	55.3	16.2	24.2	35.7	46.1	64.1	16.9	24.8	36.0	49.7	72.7
	400	12.6	17.3	25.1	32.7	46.2	14.9	20.9	30.6	39.7	55.3	16.2	24.2	35.7	46.1	64.1	16.9	24.8	36.0	49.7	72.7
	600	12.6	17.3	25.1	32.7	46.2	14.9	20.9	30.6	39.7	55.3	16.2	24.2	35.6	46.1	64.1	16.9	24.8	36.0	49.7	72.7
4.00	300	11.8	16.2	22.6	29.0	40.7	14.1	19.5	27.5	35.1	48.8	15.3	22.7	32.1	41.0	56.9	16.0	23.7	33.6	45.1	64.7
	400	11.8	16.2	22.6	29.0	40.7	14.1	19.5	27.5	35.1	48.8	15.3	22.7	32.1	41.0	56.9	16.0	23.7	33.6	45.1	64.7
	600	11.8	16.2	22.6	29.0	40.7	14.1	19.5	27.5	35.1	48.8	15.3	22.7	32.1	41.0	56.9	16.0	23.7	33.6	45.1	64.7
4.40	300	10.9	15.0	20.2	25.5	35.4	13.2	18.0	24.3	30.7	42.5	14.4	21.0	28.5	35.9	49.7	15.1	22.4	31.3	40.8	56.7
	400	10.9	15.0	20.2	25.5	35.4	13.2	18.0	24.3	30.7	42.4	14.4	21.0	28.5	35.9	49.7	15.1	22.4	31.3	40.8	56.7
	600	10.9	15.0	20.2	25.5	35.4	13.2	18.0	24.3	30.7	42.4	14.4	21.0	28.5	35.9	49.7	15.1	22.4	31.3	40.8	56.7
4.80	300	10.0	13.7	18.0	22.4	30.9	12.1	16.5	21.6	26.9	37.1	13.4	19.2	25.3	31.6	43.5	14.2	21.1	28.5	36.1	49.9
	400	10.0	13.7	18.0	22.4	30.9	12.1	16.5	21.6	26.9	37.1	13.4	19.2	25.3	31.6	43.5	14.2	21.1	28.5	36.1	49.9
	600	10.0	13.7	18.0	22.4	30.9	12.1	16.5	21.6	26.9	37.1	13.4	19.2	25.3	31.6	43.5	14.2	21.1	28.5	36.1	49.9
5.20	300	9.0	12.4	16.0	19.8	27.1	11.0	14.9	19.2	23.7	32.6	12.4	17.5	22.5	27.9	38.3	13.2	19.7	25.8	31.9	44.0
	400	9.0	12.4	16.0	19.8	27.1	11.0	14.9	19.2	23.7	32.6	12.4	17.5	22.5	27.9	38.3	13.2	19.7	25.8	31.9	44.0
	600	9.0	12.4	16.0	19.7	27.1	11.0	14.9	19.2	23.7	32.6	12.4	17.5	22.5	27.9	38.3	13.2	19.7	25.8	31.9	44.0
5.60	300	8.1	11.1	14.2	17.5	23.9	9.9	13.4	17.0	21.0	28.8	11.4	15.7	20.0	24.7	33.9	12.2	18.0	22.9	28.4	39.1
	400	8.1	11.1	14.2	17.5	23.9	9.9	13.4	17.0	21.0	28.8	11.4	15.7	20.0	24.7	33.9	12.2	18.0	22.9	28.4	39.1
	600	8.1	11.1	14.2	17.5	23.9	9.9	13.4	17.0	21.0	28.8	11.4	15.7	20.0	24.7	33.9	12.2	18.0	22.9	28.4	39.1
6.00	300	7.4	10.0	12.6	15.6	21.2	8.9	12.0	15.2	18.7	25.5	10.5	14.1	17.8	22.0	30.2	11.2	16.2	20.5	25.3	34.8
	400	7.3	10.0	12.6	15.6	21.2	8.9	12.0	15.1	18.7	25.5	10.5	14.1	17.8	22.0	30.2	11.2	16.2	20.5	25.3	34.8
	600	7.3	10.0	12.6	15.5	21.2	8.9	12.0	15.1	18.7	25.5	10.4	14.1	17.8	22.0	30.2	11.2	16.2	20.5	25.3	34.8

0.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	12.6	17.9	29.2	39.3	58.3	14.9	22.3	36.7	48.6	70.8	16.2	25.0	39.7	55.2	81.7	17.0	25.5	40.7	57.5	88.5
	400	12.0	17.3	28.6	38.7	57.7	14.3	21.7	36.0	48.0	70.2	15.6	24.3	39.1	54.5	81.0	16.3	24.9	40.0	56.8	87.9
	600	10.8	16.2	27.5	37.5	56.6	13.0	20.4	34.7	46.7	69.1	14.3	22.9	37.8	53.1	79.7	15.1	23.5	38.8	55.5	86.6
2.80	300	11.4	16.5	26.9	36.3	53.7	13.6	20.6	33.6	44.7	65.0	14.9	23.3	37.5	51.7	75.0	15.7	24.0	38.0	54.2	82.4
	400	10.6	15.7	26.1	35.5	53.0	12.8	19.7	32.7	43.8	64.2	14.1	22.4	36.6	50.7	74.1	14.8	23.0	37.1	53.3	81.5
	600	9.0	14.2	24.6	33.9	51.5	11.1	18.0	31.0	42.1	62.6	12.4	20.6	34.8	48.8	72.3	13.2	21.2	35.4	51.4	79.6
3.20	300	10.0	14.9	24.1	32.7	48.3	12.1	18.6	30.0	40.2	58.4	13.4	21.4	34.3	46.8	67.5	14.2	22.1	34.9	50.1	75.8
	400	9.0	13.9	23.2	31.7	47.4	11.1	17.4	28.9	39.0	57.4	12.3	20.2	33.1	45.5	66.3	13.1	20.9	33.8	48.8	74.6
	600	7.2	11.9	21.3	29.7	45.5	9.0	15.3	26.8	36.8	55.4	10.3	17.9	30.8	43.1	64.0	11.0	18.6	31.6	46.4	72.2
3.60	300	8.5	13.1	21.1	28.6	42.4	10.5	16.4	26.2	35.1	51.3	11.7	19.2	30.8	41.1	59.5	12.5	20.0	31.5	44.7	67.9
	400	7.4	11.9	20.0	27.3	41.2	9.3	15.0	24.9	33.8	50.1	10.5	17.7	29.3	39.6	58.1	11.2	18.6	30.2	43.2	66.3
	600	5.3[4]	9.6	17.8	25.0	39.1	7.0[4]	12.6	22.6	31.3	47.8	8.1	15.0	26.6	36.9	55.4	8.9	15.9	27.6	40.4	63.5
4.00	300	7.1	11.2	18.0	24.3	36.3	8.9	14.1	22.4	30.0	44.2	10.1	16.7	26.5	35.3	51.5	10.8	17.8	28.1	39.2	59.0
	400	5.8[4]	9.8	16.8	22.9	35.0	7.5	12.6	21.0	28.5	42.8	8.6	15.1	24.9	33.7	49.9	9.4	16.1	26.5	37.5	57.3
	600	3.6[3]	7.4[3]	14.5[4]	20.5	32.7	5.0[3]	10.0[4]	18.5	25.9	40.3	6.0[3]	12.1	22.0	30.7	47.0	6.7[4]	13.1	23.6	34.4	54.2
4.40	300	5.7[4]	9.3	15.2	20.4	30.7	7.3	11.9	18.9	25.2	37.5	8.4	14.2	22.3	29.8	43.8	9.2	15.5	24.8	34.1	50.5
	400	4.4[3]	7.9[4]	13.9	19.0	29.4	5.8[3]	10.4	17.4	23.7	36.0	6.9[4]	12.5	20.7	28.1	42.2	7.6[4]	13.7	23.1	32.2	48.7
	600	2.1[2]	5.4[3]	11.6[3]	16.6[4]	27.0	3.3[3]	7.6[3]	14.8[4]	21.0	33.5	4.2[3]	9.4[3]	17.8[4]	25.1	39.1	4.8[3]	10.4[4]	19.9	28.9	45.4
4.80	300	4.4[3]	7.6[4]	12.7	17.1	26.0	5.8[3]	9.9	15.8	21.2	31.9	6.8[4]	11.8	18.8	25.1	37.4	7.6[4]	13.3	21.4	29.0	43.2
	400	3.1[3]	6.2[3]	11.4[4]	15.7	24.7	4.3[3]	8.3[3]	14.4[4]	19.7	30.4	5.3[3]	10.1[4]	17.1	23.4	35.7	5.9[3]	11.3	19.5	27.1	41.4
	600	0.9[2]	3.7[2]	9.1[3]	13.3[3]	22.3[4]	1.8[2]	5.6[3]	11.8[3]	17.1[3]	27.8	2.5[2]	7.0[3]	14.2[3]	20.4[4]	32.6	3.0[2]	7.9[3]	16.3[3]	23.8	38.0
5.20	300	3.3[3]	6.1[3]	10.6[4]	14.3	22.1	4.4[3]	8.0[4]	13.2	17.8	27.2	5.4[3]	9.7[4]	15.8	21.2	31.9	6.1[3]	11.2	18.2	24.6	37.1
	400	2.0[2]	4.7[3]	9.3[3]	13.0[3]	20.8	3.0[2]	6.5[3]	11.8[3]	16.4[4]	25.7	3.8[3]	8.0[3]	14.2[4]	19.6	30.3	4.4[3]	9.2[3]	16.4[4]	22.7	35.2
	600		2.3[2]	7.0[2]	10.7[3]	18.4[3]	0.5[1]	3.8[2]	9.3[3]	13.8[3]	23.2[4]	1.1[2]	4.9[2]	11.3[3]	16.6[3]	27.2	1.5[2]	5.8[3]	13.2[3]	19.4[3]	31.9
5.60	300	2.4[2]	4.8[3]	8.7[3]	12.0[4]	18.8	3.3[3]	6.4[3]	11.0[3]	15.1	23.3	4.2[3]	7.9[3]	13.2[4]	18.0	27.4	4.8[3]	9.2[4]	15.3	20.9	31.9
	400	1.2[2]	3.4[2]	7.5[3]	10.7[3]	17.5[4]	1.9[2]	4.9[3]	9.6[3]	13.6[3]	21.9	2.6[2]	6.2[3]	11.6[3]	16.3[4]	25.7	3.1[2]	7.2[3]	13.5[3]	19.0[4]	30.1
	600		1.1[1]	5.3[2]	8.5[2]	15.3[3]		2.4[2]	7.3[2]	11.2[3]	19.4[3]		3.2[2]	8.9[2]	13.5[3]	22.8[3]	0.3[1]	3.9[2]	10.4[3]	15.9[3]	26.9[4]
6.00	300	1.6[2]	3.7[2]	7.2[3]	10.1[3]	16.1[4]	2.4[2]	5.1[3]	9.2[3]	12.7[3]	20.0	3.1[2]	6.3[3]	11.0[3]	15.3[4]	23.6	3.6[3]	7.4[3]	12.8[3]	17.8	27.6
	400	0.4[1]	2.4[2]	6.0[2]	8.9[3]	14.8[3]	1.0[1]	3.7[2]	7.9[3]	11.4[3]	18.6[4]	1.6[2]	4.7[2]	9.5[3]	13.7[3]	22.0[4]	2.0[2]	5.5[3]	11.1[3]	16.0[3]	25.8
	600		0.2[1]	4.0[1]	6.7[2]	12.7[2]		1.2[1]	5.6[2]	9.0[2]	16.2[3]		1.8[1]	6.9[2]	11.0[2]	19.1[3]		2.3[2]	8.2[2]	12.9[3]	22.6[3]

[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

1.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	10.8	16.2	27.5	37.5	56.6	13.0	20.4	34.7	46.7	69.1	14.3	22.9	37.8	53.1	79.7	15.1	23.5	38.8	55.5	86.6
	400	9.7	15.0	26.4	36.4	55.6	11.8	19.1	33.5	45.4	67.9	13.1	21.6	36.5	51.8	78.4	13.9	22.3	37.6	54.1	85.3
	600	7.5	12.8	24.2	34.1	53.5	9.5	16.7	31.1	43.0	65.7	10.7	19.1	34.1	49.2	75.9	11.5	19.7	35.2	51.6	82.7
2.80	300	9.0	14.2	24.6	33.9	51.5	11.1	18.0	31.0	42.1	62.6	12.4	20.6	34.8	48.8	72.3	13.2	21.2	35.4	51.4	79.6
	400	7.6	12.7	23.1	32.3	50.0	9.6	16.3	29.4	40.4	61.1	10.8	18.8	33.1	47.0	70.5	11.6	19.5	33.8	49.6	77.9
	600	4.9[4]	9.8	20.3	29.4	47.2	6.6	13.3	26.3	37.2	58.1	7.8	15.5	29.8	43.4	67.1	8.6	16.2	30.6	46.1	74.4
3.20	300	7.2	11.9	21.3	29.7	45.5	9.0	15.3	26.8	36.8	55.4	10.3	17.9	30.8	43.1	64.0	11.0	18.6	31.6	46.4	72.2
	400	5.5[4]	10.1	19.5	27.8	43.7	7.2	13.4	24.9	34.8	53.5	8.4	15.7	28.7	40.8	61.8	9.1	16.5	29.6	44.2	69.9
	600	2.4[3]	6.8[3]	16.3[4]	24.3	40.3	3.8[3]	9.7[4]	21.2	31.0	49.9	4.9[3]	11.8	24.7	36.6	57.7	5.5[4]	12.5	25.7	39.8	65.5
3.60	300	5.3[4]	9.6	17.8	25.0	39.1	7.0[4]	12.6	22.6	31.3	47.8	8.1	15.0	26.6	36.9	55.4	8.9	15.9	27.6	40.4	63.5
	400	3.5[3]	7.6[3]	15.9[4]	23.0	37.0	4.9[3]	10.4[4]	20.4	29.0	45.6	6.0[3]	12.6	24.2	34.3	52.9	6.7[4]	13.4	25.2	37.7	60.8
	600	0.2[2]	4.0[3]	12.4[3]	19.2[3]	33.3	1.2[2]	6.4[3]	16.4[3]	24.9[4]	41.5	2.1[3]	8.2[3]	19.8[4]	29.6	48.2	2.7[3]	8.9[3]	20.8[4]	32.9	55.7
4.00	300	3.6[3]	7.4[3]	14.5[4]	20.5	32.7	5.0[3]	10.0[4]	18.5	25.9	40.3	6.0[3]	12.1	22.0	30.7	47.0	6.7[4]	13.1	23.6	34.4	54.2
	400	1.7[2]	5.3[3]	12.4[3]	18.4[4]	30.5	2.8[3]	7.6[3]	16.2[4]	23.5	37.9	3.7[3]	9.5[3]	19.4[4]	28.0	44.3	4.3[3]	10.3[4]	21.0	31.5	51.2
	600		1.6[2]	8.9[2]	14.5[3]	26.7[3]		3.5[2]	12.2[3]	19.2[3]	33.7[4]		4.9[3]	14.9[3]	23.2[3]	39.3	0.1[2]	5.5[3]	16.3[3]	26.4[4]	45.9
4.40	300	2.1[2]	5.4[3]	11.6[3]	16.6[4]	27.0	3.3[3]	7.6[3]	14.8[4]	21.0	33.5	4.2[3]	9.4[3]	17.8[4]	25.1	39.1	4.8[3]	10.4[4]	19.9	28.9	45.4
	400	0.2[2]	3.3[2]	9.5[3]	14.4[3]	24.8[4]	1.0[2]	5.2[3]	12.6[3]	18.7[3]	31.1	1.8[2]	6.7[3]	15.2[3]	22.4[4]	36.4	2.3[2]	7.5[3]	17.1[3]	25.9[4]	42.4
	600			6.0[2]	10.7[2]	21.0[3]		1.1[2]	8.6[2]	14.5[3]	26.9[3]		2.0[2]	10.7[2]	17.7[3]	31.5[4]		2.5[2]	12.3[3]	20.7[3]	37.0[4]
4.80	300	0.9[2]	3.7[2]	9.1[3]	13.3[3]	22.3[4]	1.8[2]	5.6[3]	11.8[3]	17.1[3]	27.8	2.5[2]	7.0[3]	14.2[3]	20.4[4]	32.6	3.0[2]	7.9[3]	16.3[3]	23.8	38.0
	400		1.6[2]	7.1[2]	11.2[3]	20.2[3]		3.2[2]	9.6[2]	14.7[3]	25.5[3]	0.1[2]	4.3[2]	11.7[3]	17.8[3]	29.9[4]	0.5[2]	5.0[3]	13.5[3]	20.8[3]	35.1
	600			3.6[1]	7.6[2]	16.5[2]			5.8[1]	10.7[2]	21.4[3]			7.3[2]	13.2[2]	25.1[3]			8.7[2]	15.7[3]	29.8[3]
5.20	300		2.3[2]	7.0[2]	10.7[3]	18.4[3]	0.5[1]	3.8[2]	9.3[3]	13.8[3]	23.2[4]	1.1[2]	4.9[2]	11.3[3]	16.6[3]	27.2	1.5[2]	5.8[3]	13.2[3]	19.4[3]	31.9
	400		0.2[1]	5.1[1]	8.6[2]	16.4[3]		1.5[1]	7.2[2]	11.6[2]	20.9[3]		2.3[2]	8.9[2]	14.1[3]	24.6[3]		2.9[2]	10.4[2]	16.6[3]	29.0[4]
	600			1.8[1]	5.1[1]	12.8[2]			3.5[1]	7.7[1]	17.0[2]			4.7[1]	9.7[2]	19.9[3]			5.7[1]	11.6[2]	23.9[3]
5.60	300		1.1[1]	5.3[2]	8.5[2]	15.3[3]		2.4[2]	7.3[2]	11.2[3]	19.4[3]		3.2[2]	8.9[2]	13.5[3]	22.8[3]	0.3[1]	3.9[2]	10.4[3]	15.9[3]	26.9[4]
	400			3.5[1]	6.5[1]	13.3[2]		0.1[1]	5.2[1]	9.0[2]	17.2[3]		0.7[1]	6.5[2]	11.1[2]	20.2[3]		1.0[1]	7.8[2]	13.1[2]	24.0[3]
	600			0.3[1]	3.2[1]	9.9[1]			1.7[1]	5.3[1]	13.4[2]			2.5[1]	6.9[1]	15.7[2]			3.3[1]	8.4[1]	19.0[2]
6.00	300		0.2[1]	4.0[1]	6.7[2]	12.7[2]		1.2[1]	5.6[2]	9.0[2]	16.2[3]		1.8[1]	6.9[2]	11.0[2]	19.1[3]		2.3[2]	8.2[2]	12.9[3]	22.6[3]
	400			2.2[1]	4.8[1]	10.8[2]			3.6[1]	6.9[1]	14.1[2]			4.7[1]	8.6[2]	16.6[2]			5.6[1]	10.3[2]	19.9[3]
	600				1.7[1]	7.5[1]			0.3[1]	3.4[1]	10.5[1]			0.9[1]	4.6[1]	12.3[1]			1.3[1]	5.8[1]	15.1[2]

1.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	9.1	14.4	25.8	35.8	55.0	11.2	18.5	32.9	44.8	67.4	12.5	21.0	35.9	51.1	77.8	13.3	21.6	37.0	53.5	84.6
	400	7.5	12.8	24.2	34.1	53.5	9.5	16.7	31.1	43.0	65.7	10.7	19.1	34.1	49.2	75.9	11.5	19.7	35.2	51.6	82.7
	600	4.4[4]	9.6	21.1	30.9	50.4	6.2	13.2	27.6	39.4	62.5	7.4	15.4	30.5	45.4	72.1	8.1	16.1	31.7	47.8	79.0
2.80	300	6.9	11.9	22.4	31.6	49.3	8.8	15.6	28.6	39.6	60.3	10.0	18.0	32.2	46.1	69.7	10.8	18.7	33.0	48.7	77.0
	400	4.9[4]	9.8	20.3	29.4	47.2	6.6	13.3	26.3	37.2	58.1	7.8	15.5	29.8	43.4	67.1	8.6	16.2	30.6	46.1	74.4
	600	1.3[3]	5.9[3]	16.5[4]	25.3	43.3	2.6[3]	9.0[4]	22.0	32.7	53.9	3.7[3]	10.9	25.2	38.5	62.3	4.4[3]	11.6	26.2	41.2	69.4
3.20	300	4.7[3]	9.3	18.7	26.9	42.8	6.3[4]	12.4	23.9	33.8	52.5	7.5	14.7	27.7	39.8	60.7	8.2	15.5	28.6	43.0	68.8
	400	2.4[3]	6.8[3]	16.3[4]	24.3	40.3	3.8[3]	9.7[4]	21.2	31.0	49.9	4.9[3]	11.8	24.7	36.6	57.7	5.5[4]	12.5	25.7	39.8	65.5
	600		2.4[3]	11.9[3]	19.6[3]	35.6		4.9[3]	16.4[3]	25.8[4]	44.9	0.2[3]	6.5[3]	19.4[3]	30.9	51.9	0.7[3]	7.1[3]	20.5[4]	33.9	59.5
3.60	300	2.6[3]	6.7[3]	14.9[4]	22.0	36.0	3.9[3]	9.4[4]	19.3	27.9	44.5	5.0[3]	11.4[4]	23.0	33.1	51.7	5.6[3]	12.2	24.1	36.5	59.5
	400	0.2[2]	4.0[3]	12.4[3]	19.2[3]	33.3	1.2[2]	6.4[3]	16.4[3]	24.9[4]	41.5	2.1[3]	8.2[3]	19.8[4]	29.6	48.2	2.7[3]	8.9[3]	20.8[4]	32.9	55.7
	600			7.8[2]	14.2[3]	28.3[3]		1.3[2]	11.3[3]	19.4[3]	36.1[4]		2.4[2]	14.0[3]	23.5[3]	41.9		2.9[3]	15.0[3]	26.4[3]	49.0
4.00	300	0.8[2]	4.3[3]	11.5[3]	17.4[3]	29.5	1.8[2]	6.6[3]	15.1[3]	22.4[4]	36.8	2.7[3]	8.3[3]	18.2[4]	26.7	43.0	3.2[3]	9.1[3]	19.7[4]	30.1	49.8
	400		1.6[2]	8.9[2]	14.5[3]	26.7[3]		3.5[2]	12.2[3]	19.2[3]	33.7[4]		4.9[3]	14.9[3]	23.2[3]	39.3	0.1[2]	5.5[3]	16.3[3]	26.4[4]	45.9
	600			4.3[1]	9.6[2]	21.6[3]			7.1[2]	13.8[2]	28.2[3]			9.1[2]	17.0[3]	32.9[3]			10.2[2]	19.7[3]	38.9[4]
4.40	300		2.3[2]	8.6[2]	13.4[3]	23.8[3]		4.1[2]	11.5[3]	17.5[3]	30.0[4]	0.7[2]	5.4[3]	14.0[3]	21.1[3]	35.1	1.1[2]	6.2[3]	15.9[3]	24.5[4]	41.0
	400			6.0[2]	10.7[2]	21.0[3]		1.1[2]	8.6[2]	14.5[3]	26.9[3]		2.0[2]	10.7[2]	17.7[3]	31.5[4]		2.5[2]	12.3[3]	20.7[3]	37.0[4]
	600			1.5[1]	5.9[1]	16.1[2]			3.6[1]	9.2[2]	21.5[2]			5.0[1]	11.6[2]	25.1[3]			6.1[2]	14.0[2]	30.1[3]
4.80	300		0.6[1]	6.2[2]	10.3[2]	19.2[3]		2.1[2]	8.6[2]	13.7[3]	24.4[3]		3.1[2]	10.5[2]	16.6[3]	28.6[4]		3.7[2]	12.2[3]	19.4[3]	33.7[4]
	400			3.6[1]	7.6[2]	16.5[2]			5.8[1]	10.7[2]	21.4[3]			7.3[2]	13.2[2]	25.1[3]			8.7[2]	15.7[3]	29.8[3]
	600				3.0[1]	11.7[1]			1.0[1]	5.7[1]	16.2[2]			1.9[1]	7.5[1]	19.0[2]			2.6[1]	9.2[2]	23.0[2]
5.20	300			4.2[1]	7.7[2]	15.4[2]		0.4[1]	6.2[2]	10.5[2]	19.9[3]		1.1[1]	7.8[2]	12.9[2]	23.3[3]		1.5[2]	9.2[2]	15.2[3]	27.6[3]
	400			1.8[1]	5.1[1]	12.8[2]			3.5[1]	7.7[1]	17.0[2]			4.7[1]	9.7[2]	19.9[3]			5.7[1]	11.6[2]	23.9[3]
	600				0.8[1]	8.3[1]				2.9[1]	12.0[1]				4.2[1]	14.0[2]				5.5[1]	17.4[2]
5.60	300			2.6[1]	5.6[1]	12.4[2]			4.3[1]	8.0[2]	16.2[2]			5.5[1]	9.9[2]	19.0[3]			6.6[2]	11.8[2]	22.7[3]
	400			0.3[1]	3.2[1]	9.9[1]			1.7[1]	5.3[1]	13.4[2]			2.5[1]	6.9[1]	15.7[2]			3.3[1]	8.4[1]	19.0[2]
	600					5.6[1]				0.7[1]	8.7[1]				1.6[1]	10.1[1]				2.5[1]	12.8[1]
6.00	300			1.4[1]	4.0[1]	9.9[1]			2.7[1]	6.0[1]	13.2[2]			3.6[1]	7.5[1]	15.5[2]			4.5[1]	9.1[2]	18.6[2]
	400				1.7[1]	7.5[1]			0.3[1]	3.4[1]	10.5[1]			0.9[1]	4.6[1]	12.3[1]			1.3[1]	5.8[1]	15.1[2]
	600					3.4[1]					6.0[1]					7.0[1]				0.2[1]	9.2[1]

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

2.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	7.5	12.8	24.2	34.1	53.5	9.5	16.7	31.1	43.0	65.7	10.7	19.1	34.1	49.2	75.9	11.5	19.7	35.2	51.6	82.7
	400	5.4	10.6	22.1	31.9	51.4	7.2	14.4	28.8	40.6	63.5	8.5	16.6	31.7	46.6	73.4	9.2	17.3	32.8	49.1	80.2
	600	1.6[3]	6.6[4]	18.2	27.8	47.5	3.1[3]	10.0	24.3	36.1	59.3	4.2[4]	11.9	27.1	41.7	68.5	4.9[4]	12.6	28.3	44.2	75.3
2.80	300	4.9[4]	9.8	20.3	29.4	47.2	6.6	13.3	26.3	37.2	58.1	7.8	15.5	29.8	43.4	67.1	8.6	16.2	30.6	46.1	74.4
	400	2.4[3]	7.2[4]	17.8	26.6	44.6	3.9[3]	10.4	23.4	34.2	55.3	5.0[4]	12.4	26.7	40.1	63.8	5.7[4]	13.1	27.6	42.8	71.1
	600		2.4[3]	13.0[3]	21.5[4]	39.6		5.1[3]	18.0[3]	28.5	50.0		6.7[3]	21.0[4]	33.9	57.7	0.5[3]	7.3[4]	22.0	36.6	64.7
3.20	300	2.4[3]	6.8[3]	16.3[4]	24.3	40.3	3.8[3]	9.7[4]	21.2	31.0	49.9	4.9[3]	11.8	24.7	36.6	57.7	5.5[4]	12.5	25.7	39.8	65.5
	400		3.8[3]	13.3[3]	21.1[4]	37.1	0.8[3]	6.5[3]	17.9[3]	27.5	46.5	1.7[3]	8.2[3]	21.1[4]	32.7	53.8	2.3[3]	8.9[4]	22.2	35.8	61.4
	600			8.0[2]	15.4[3]	31.4[3]		0.6[2]	12.0[3]	21.2[3]	40.3[4]		1.8[3]	14.6[3]	25.7[3]	46.6		2.2[3]	15.7[3]	28.5[4]	53.8
3.60	300	0.2[2]	4.0[3]	12.4[3]	19.2[3]	33.3	1.2[2]	6.4[3]	16.4[3]	24.9[4]	41.5	2.1[3]	8.2[3]	19.8[4]	29.6	48.2	2.7[3]	8.9[3]	20.8[4]	32.9	55.7
	400		0.8[2]	9.2[2]	15.8[3]	29.8[3]		2.9[2]	12.9[3]	21.1[3]	37.9[4]		4.3[3]	15.8[3]	25.4[3]	43.9		4.8[3]	16.9[3]	28.5[4]	51.1
	600			3.7[1]	9.9[2]	23.8[3]			6.8[2]	14.6[2]	31.3[3]			8.9[2]	18.1[3]	36.3[3]			9.8[2]	20.6[3]	42.8[4]
4.00	300		1.6[2]	8.9[2]	14.5[3]	26.7[3]		3.5[2]	12.2[3]	19.2[3]	33.7[4]		4.9[3]	14.9[3]	23.2[3]	39.3	0.1[2]	5.5[3]	16.3[3]	26.4[4]	45.9
	400			5.7[2]	11.1[2]	23.2[3]			8.7[2]	15.5[3]	30.0[3]		0.8[2]	10.9[2]	19.0[3]	34.9[4]		1.2[2]	12.1[3]	21.8[3]	41.1[4]
	600			0.3[1]	5.3[1]	17.2[2]			2.6[1]	9.0[2]	23.4[2]			4.0[1]	11.6[2]	27.2[3]			4.9[2]	13.8[2]	32.6[3]
4.40	300			6.0[2]	10.7[2]	21.0[3]		1.1[2]	8.6[2]	14.5[3]	26.9[3]		2.0[2]	10.7[2]	17.7[3]	31.5[4]		2.5[2]	12.3[3]	20.7[3]	37.0[4]
	400			2.9[1]	7.4[1]	17.6[2]			5.2[1]	10.9[2]	23.2[3]			6.8[2]	13.5[2]	27.1[3]			8.0[2]	16.1[2]	32.3[3]
	600				1.8[1]	11.8[1]				4.6[1]	16.9[2]			0.1[1]	6.5[1]	19.6[2]			0.7[1]	8.2[1]	24.0[2]
4.80	300			3.6[1]	7.6[2]	16.5[2]			5.8[1]	10.7[2]	21.4[3]			7.3[2]	13.2[2]	25.1[3]			8.7[2]	15.7[3]	29.8[3]
	400			0.7[1]	4.4[1]	13.2[2]			2.5[1]	7.2[1]	17.9[2]			3.6[1]	9.3[2]	20.9[2]			4.5[1]	11.3[2]	25.2[3]
	600					7.6[1]				1.3[1]	11.7[1]				2.5[1]	13.7[1]				3.7[1]	17.2[2]
5.20	300			1.8[1]	5.1[1]	12.8[2]			3.5[1]	7.7[1]	17.0[2]			4.7[1]	9.7[2]	19.9[3]			5.7[1]	11.6[2]	23.9[3]
	400				2.2[1]	9.7[1]			0.4[1]	4.4[1]	13.6[1]			1.1[1]	5.9[1]	15.9[2]			1.7[1]	7.4[1]	19.4[2]
	600					4.4[1]					7.8[1]					9.0[1]				0.2[1]	11.8[1]
5.60	300			0.3[1]	3.2[1]	9.9[1]			1.7[1]	5.3[1]	13.4[2]			2.5[1]	6.9[1]	15.7[2]			3.3[1]	8.4[1]	19.0[2]
	400				0.4[1]	6.9[1]				2.2[1]	10.2[1]				3.3[1]	11.9[1]				4.3[1]	14.8[2]
	600					1.9[1]					4.6[1]					5.3[1]					7.5[1]
6.00	300				1.7[1]	7.5[1]			0.3[1]	3.4[1]	10.5[1]			0.9[1]	4.6[1]	12.3[1]			1.3[1]	5.8[1]	15.1[2]
	400					4.7[1]				0.4[1]	7.4[1]				1.2[1]	8.7[1]				1.9[1]	11.0[1]
	600										2.1[1]					2.4[1]					4.1[1]

2.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	5.9	11.2	22.7	32.5	51.9	7.8	14.9	29.3	41.2	64.1	9.0	17.2	32.3	47.3	74.0	9.8	17.9	33.4	49.7	80.8
	400	3.5[4]	8.6	20.1	29.8	49.4	5.1[4]	12.1	26.5	38.3	61.4	6.3	14.2	29.4	44.1	70.9	7.0	14.9	30.6	46.6	77.7
	600		3.8[3]	15.4[4]	24.8	44.6	0.2[3]	6.9[4]	21.2	32.8	56.3	1.2[3]	8.6[4]	23.9	38.2	65.0	1.8[3]	9.3	25.1	40.7	71.8
2.80	300	3.0[3]	7.8[4]	18.4	27.3	45.2	4.6[3]	11.1	24.1	34.9	56.0	5.7[4]	13.2	27.5	40.9	64.7	6.4[4]	13.9	28.4	43.6	71.9
	400	0.1[3]	4.7[3]	15.3[4]	24.0	42.0	1.4[3]	7.7[3]	20.6[4]	31.3	52.6	2.4[3]	9.5[4]	23.8	36.9	60.7	3.0[3]	10.1	24.8	39.6	67.9
	600			9.7[3]	18.0[3]	36.1[4]		1.5[3]	14.3[3]	24.6[3]	46.2		2.8[3]	17.0[3]	29.6[4]	53.3		3.3[3]	18.0[3]	32.2	60.2
3.20	300	0.3[2]	4.6[3]	14.0[3]	21.9[4]	37.9	1.5[3]	7.3[3]	18.7[4]	28.3	47.3	2.5[3]	9.1[3]	22.0[4]	33.7	54.7	3.1[3]	9.7[4]	23.0	36.8	62.4
	400		1.1[2]	10.6[3]	18.2[3]	34.2[4]		3.4[3]	14.9[3]	24.2[3]	43.3		4.9[3]	17.8[3]	29.1[4]	50.1		5.4[3]	18.8[3]	32.1	57.5
	600			4.5[2]	11.5[2]	27.5[3]			8.0[2]	16.9[3]	36.1[3]			10.2[2]	20.9[3]	41.7[4]			11.2[3]	23.5[3]	48.6[4]
3.60	300		1.6[2]	10.0[3]	16.6[3]	30.7[4]		3.8[3]	13.8[3]	22.0[3]	38.7		5.2[3]	16.8[3]	26.5[4]	45.0		5.8[3]	17.8[3]	29.5[4]	52.3
	400			6.4[2]	12.7[2]	26.7[3]			9.8[2]	17.7[3]	34.5[3]		0.7[2]	12.2[3]	21.6[3]	40.0[4]		1.1[2]	13.2[3]	24.4[3]	46.9
	600			0.1[1]	5.9[1]	19.7[2]			2.8[1]	10.2[2]	26.9[3]			4.3[2]	13.1[2]	31.1[3]			5.1[2]	15.4[2]	37.2[3]
4.00	300			6.5[2]	12.0[2]	24.0[3]		0.8[2]	9.5[2]	16.4[3]	30.9[3]		1.8[2]	11.8[3]	20.0[3]	36.0[4]		2.2[2]	13.1[3]	22.9[3]	42.3
	400			2.9[1]	8.1[2]	20.1[2]			5.5[2]	12.1[2]	26.6[3]			7.3[2]	15.1[2]	30.9[3]			8.3[2]	17.6[3]	36.7[3]
	600				1.5[1]	13.2[1]				4.8[1]	19.0[2]				6.8[1]	22.1[2]			0.1[1]	8.5[2]	27.0[3]
4.40	300			3.6[1]	8.2[2]	18.4[2]			6.0[2]	11.7[2]	24.1[3]			7.7[2]	14.5[2]	28.2[3]			9.0[2]	17.2[3]	33.4[3]
	400			0.1[1]	4.5[1]	14.6[2]			2.1[1]	7.6[1]	19.9[2]			3.3[1]	9.8[2]	23.2[3]			4.2[1]	12.0[2]	28.0[3]
	600					8.0[1]				0.6[1]	12.6[1]				1.8[1]	14.7[2]				3.0[1]	18.6[2]
4.80	300			1.4[1]	5.2[1]	14.0[2]			3.3[1]	8.1[1]	18.7[2]			4.5[1]	10.2[2]	21.9[3]			5.5[1]	12.3[2]	26.3[3]
	400				1.6[1]	10.3[1]				4.1[1]	14.7[1]			0.2[1]	5.7[1]	17.1[2]			0.8[1]	7.3[1]	21.0[2]
	600					4.0[1]					7.7[1]					8.9[1]					11.9[1]
5.20	300				2.9[1]	10.4[1]			1.1[1]	5.2[1]	14.4[2]			1.9[1]	6.8[1]	16.9[2]			2.6[1]	8.4[1]	20.5[2]
	400					6.9[1]				1.5[1]	10.5[1]				2.5[1]	12.3[1]				3.6[1]	15.4[2]
	600					1.0[1]					3.9[1]					4.5[1]					6.8[1]
5.60	300				1.0[1]	7.6[1]				2.9[1]	10.9[1]				4.1[1]	12.8[1]			0.3[1]	5.3[1]	15.8[2]
	400					4.3[1]					7.3[1]				0.1[1]	8.5[1]				0.7[1]	11.0[1]
	600										1.0[1]					1.0[1]					2.7[1]
6.00	300					5.4[1]				1.1[1]	8.2[1]				2.0[1]	9.5[1]				2.8[1]	12.0[1]
	400					2.2[1]					4.7[1]					5.4[1]					7.4[1]
	600																				

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

3.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	4.4[4]	9.6	21.1	30.9	50.4	6.2	13.2	27.6	39.4	62.5	7.4	15.4	30.5	45.4	72.1	8.1	16.1	31.7	47.8	79.0
	400	1.6[3]	6.6[4]	18.2	27.8	47.5	3.1[3]	10.0	24.3	36.1	59.3	4.2[4]	11.9	27.1	41.7	68.5	4.9[4]	12.6	28.3	44.2	75.3
	600		1.1[3]	12.7[3]	22.0[4]	41.9		3.9[3]	18.2[4]	29.7	53.4		5.5[3]	20.8[4]	34.8	61.6		6.0[4]	22.0	37.3	68.3
2.80	300	1.3[3]	5.9[3]	16.5[4]	25.3	43.3	2.6[3]	9.0[4]	22.0	32.7	53.9	3.7[3]	10.9	25.2	38.5	62.3	4.4[3]	11.6	26.2	41.2	69.4
	400		2.4[3]	13.0[3]	21.5[4]	39.6		5.1[3]	18.0[3]	28.5	50.0		6.7[3]	21.0[4]	33.9	57.7	0.5[3]	7.3[4]	22.0	36.6	64.7
	600			6.6[2]	14.6[3]	32.7[3]			10.8[3]	21.0[3]	42.6[4]			13.2[3]	25.5[3]	49.1			14.3[3]	28.0[4]	55.9
3.20	300		2.4[3]	11.9[3]	19.6[3]	35.6		4.9[3]	16.4[3]	25.8[4]	44.9	0.2[3]	6.5[3]	19.4[3]	30.9	51.9	0.7[3]	7.1[3]	20.5[4]	33.9	59.5
	400			8.0[2]	15.4[3]	31.4[3]		0.6[2]	12.0[3]	21.2[3]	40.3[4]		1.8[3]	14.6[3]	25.7[3]	46.6		2.2[3]	15.7[3]	28.5[4]	53.8
	600			1.2[1]	7.9[2]	23.8[3]			4.3[2]	13.0[2]	32.1[3]			6.1[2]	16.4[3]	37.0[3]			7.0[2]	18.8[3]	43.6[3]
3.60	300			7.8[2]	14.2[3]	28.3[3]		1.3[2]	11.3[3]	19.4[3]	36.1[4]		2.4[2]	14.0[3]	23.5[3]	41.9		2.9[3]	15.0[3]	26.4[3]	49.0
	400			3.7[1]	9.9[2]	23.8[3]			6.8[2]	14.6[2]	31.3[3]			8.9[2]	18.1[3]	36.3[3]			9.8[2]	20.6[3]	42.8[4]
	600				2.3[1]	16.0[2]				6.2[1]	22.8[2]			0.1[1]	8.6[2]	26.3[3]			0.8[1]	10.5[2]	32.0[3]
4.00	300			4.3[1]	9.6[2]	21.6[3]			7.1[2]	13.8[2]	28.2[3]			9.1[2]	17.0[3]	32.9[3]			10.2[2]	19.7[3]	38.9[4]
	400			0.3[1]	5.3[1]	17.2[2]			2.6[1]	9.0[2]	23.4[2]			4.0[1]	11.6[2]	27.2[3]			4.8[2]	13.8[2]	32.6[3]
	600					9.5[1]				0.9[1]	15.0[1]				2.3[1]	17.3[2]				3.7[1]	21.8[2]
4.40	300			1.5[1]	5.9[1]	16.1[2]			3.6[1]	9.2[2]	21.5[2]			5.0[1]	11.6[2]	25.1[3]			6.1[2]	14.0[2]	30.1[3]
	400				1.8[1]	11.8[1]				4.6[1]	16.9[2]			0.1[1]	6.5[1]	19.6[2]			0.7[1]	8.2[1]	24.0[2]
	600					4.5[1]					8.8[1]					10.1[1]					13.5[1]
4.80	300				3.0[1]	11.7[1]			1.0[1]	5.6[1]	16.2[2]			1.9[1]	7.5[1]	19.0[2]			2.6[1]	9.2[2]	23.0[2]
	400					7.6[1]				1.3[1]	11.7[1]				2.5[1]	13.7[1]				3.7[1]	17.2[2]
	600					0.7[1]					4.1[1]					4.6[1]					7.2[1]
5.20	300				0.8[1]	8.3[1]				2.9[1]	12.0[1]				4.2[1]	14.0[2]				5.5[1]	17.4[2]
	400					4.4[1]					7.8[1]					9.0[1]				0.2[1]	11.8[1]
	600										0.5[1]					0.4[1]					2.2[1]
5.60	300					5.6[1]				0.7[1]	8.7[1]				1.6[1]	10.1[1]				2.5[1]	12.8[1]
	400					1.9[1]					4.6[1]					5.3[1]					7.5[1]
	600																				
6.00	300					3.4[1]					6.0[1]					7.0[1]				0.2[1]	9.2[1]
	400										2.1[1]					2.4[1]					4.1[1]
	600																				

3.5 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	400S162					400S200					400S250					400S300				
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
2.40	300	3.0[3]	8.1	19.7	29.3	48.9	4.6[4]	11.6	26.0	37.7	60.9	5.8	13.7	28.8	43.5	70.3	6.5	14.3	30.0	46.0	77.1
	400		4.7[3]	16.3[4]	25.8	45.6	1.1[3]	7.9[4]	22.2	33.9	57.3	2.2[3]	9.7	25.0	39.4	66.1	2.8[4]	10.4	26.2	41.9	72.9
	600			10.2[3]	19.3[3]	39.2		1.1[3]	15.3[3]	26.7[4]	50.5		2.4[3]	17.7[4]	31.5	58.2		2.9[3]	18.9[4]	34.0	64.9
2.80	300		4.1[3]	14.7[3]	23.4[4]	41.4	0.8[3]	7.0[3]	19.9[4]	30.6	51.9	1.8[3]	8.8[4]	23.1	36.2	59.9	2.4[3]	9.4[4]	24.0	38.9	67.1
	400		0.2[2]	10.8[3]	19.1[3]	37.2[4]		2.6[3]	15.5[3]	25.9[4]	47.4		4.1[3]	18.3[3]	31.0	54.7		4.6[3]	19.3[4]	33.6	61.7
	600			3.7[2]	11.5[2]	29.5[3]			7.5[2]	17.5[3]	39.1[3]			9.7[3]	21.6[3]	45.1[4]			10.7[3]	24.0[3]	51.7
3.20	300		0.4[2]	9.9[3]	17.5[3]	33.5[4]		2.7[3]	14.1[3]	23.5[3]	42.6		4.1[3]	17.0[3]	28.2[4]	49.2		4.6[3]	18.0[3]	31.2[4]	56.6
	400			5.6[2]	12.8[2]	28.8[3]			9.3[2]	18.3[3]	37.5[3]			11.6[3]	22.4[3]	43.3[4]			12.7[3]	25.2[3]	50.3
	600				4.6[1]	20.4[2]			0.9[1]	9.2[2]	28.3[3]			2.3[2]	12.2[2]	32.7[3]			3.1[2]	14.4[2]	38.9[3]
3.60	300			5.7[2]	12.0[2]	26.0[3]			9.0[2]	16.9[3]	33.6[3]			11.4[2]	20.7[3]	39.0[4]		0.2[2]	12.4[3]	23.4[3]	45.8[4]
	400			1.3[1]	7.2[2]	21.0[2]			4.1[1]	11.6[2]	28.3[3]			5.8[2]	14.7[2]	32.8[3]			6.7[2]	17.1[3]	39.0[3]
	600					12.5[1]				2.5[1]	18.9[2]				4.4[1]	21.8[2]				6.0[2]	27.1[2]
4.00	300			2.2[1]	7.4[2]	19.3[2]			4.8[1]	11.3[2]	25.7[3]			6.4[2]	14.2[2]	30.0[3]			7.4[2]	16.6[3]	35.7[3]
	400				2.7[1]	14.5[2]				6.1[1]	20.4[2]			0.9[1]	8.3[2]	23.7[2]			1.6[1]	10.2[2]	28.8[3]
	600					6.1[1]					11.2[1]					12.9[1]					17.0[2]
4.40	300				3.8[1]	13.9[2]			1.4[1]	6.9[1]	19.1[2]			2.5[1]	9.0[2]	22.3[2]			3.3[1]	11.0[2]	27.0[3]
	400					9.2[1]				1.9[1]	14.0[1]				3.3[1]	16.3[2]				4.7[1]	20.3[2]
	600					1.2[1]					5.2[1]					5.9[1]					8.9[1]
4.80	300				1.0[1]	9.6[1]				3.4[1]	13.9[1]				4.9[1]	16.2[2]				6.4[1]	20.0[2]
	400					5.2[1]					9.0[1]					10.5[1]				0.3[1]	13.6[1]
	600										0.7[1]					0.6[1]					2.7[1]
5.20	300					6.3[1]				0.8[1]	9.8[1]				1.7[1]	11.4[1]				2.7[1]	14.5[1]
	400					2.1[1]					5.2[1]					5.9[1]					8.4[1]
	600																				
5.60	300					3.7[1]					6.6[1]					7.6[1]					10.1[1]
	400										2.2[1]					2.4[1]					4.3[1]
	600																				
6.00	300					1.6[1]					4.0[1]					4.6[1]					6.5[1]
	400																				1.0[1]
	600																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kN)

0 kPa Factored Lateral Load

Wall Height	Stud Spacing	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
(m)	(mm)	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	16.4	22.5	36.6	48.4	73.7	19.0	28.6	48.8	64.8	101.2	20.6	30.8	49.9	71.9	118.2	21.5	31.4	51.8	72.7	126.2	66.6	95.8	155.1
	400	16.4	22.5	36.6	48.4	73.7	19.0	28.6	48.8	64.8	101.2	20.6	30.8	49.9	71.9	118.2	21.5	31.4	51.8	72.7	126.2	66.6	95.8	155.1
	600	16.4	22.5	36.6	48.4	73.7	19.0	28.6	48.8	64.8	101.2	20.6	30.8	49.9	71.9	118.2	21.5	31.4	51.8	72.7	126.2	66.6	95.8	155.1
2.80	300	16.4	22.5	36.6	48.4	73.7	18.9	28.3	47.9	63.7	99.4	20.4	30.5	49.1	70.5	115.6	21.2	31.1	51.0	71.4	123.3	65.3	93.9	151.8
	400	16.4	22.5	36.6	48.4	73.7	18.9	28.2	47.9	63.7	99.4	20.4	30.5	49.1	70.5	115.6	21.2	31.1	51.0	71.4	123.3	65.3	93.9	151.8
	600	16.4	22.5	36.6	48.4	73.7	18.9	28.2	47.9	63.7	99.4	20.4	30.5	49.1	70.5	115.6	21.2	31.1	51.0	71.4	123.3	65.3	93.9	151.8
3.20	300	16.3	22.5	36.6	48.4	73.7	18.6	27.8	46.8	62.1	96.9	20.1	30.1	48.1	68.8	112.3	20.9	30.7	49.9	69.9	119.8	63.7	91.7	148.0
	400	16.3	22.5	36.6	48.4	73.7	18.6	27.8	46.8	62.1	96.9	20.1	30.1	48.1	68.8	112.3	20.9	30.7	49.9	69.8	119.8	63.7	91.7	148.0
	600	16.3	22.5	36.6	48.4	73.7	18.6	27.8	46.8	62.1	96.9	20.1	30.1	48.1	68.8	112.3	20.9	30.7	49.9	69.8	119.8	63.7	91.7	148.0
3.60	300	16.0	22.2	36.3	48.4	73.7	18.4	27.2	45.3	60.2	93.8	19.8	29.6	46.9	66.8	108.2	20.6	30.2	48.6	68.2	115.7	61.9	89.2	143.7
	400	16.0	22.2	36.3	48.4	73.7	18.4	27.2	45.3	60.2	93.8	19.8	29.6	46.9	66.8	108.2	20.6	30.2	48.6	68.2	115.7	61.9	89.1	143.7
	600	16.0	22.2	36.3	48.4	73.6	18.4	27.2	45.3	60.2	93.8	19.8	29.6	46.9	66.8	108.2	20.6	30.2	48.6	68.2	115.7	61.9	89.1	143.7
4.00	300	15.7	21.8	35.2	47.4	73.7	18.0	26.5	43.5	57.8	90.0	19.4	29.0	45.4	64.5	103.6	20.1	29.6	47.2	66.3	111.1	59.8	86.3	139.2
	400	15.7	21.8	35.2	47.4	73.6	18.0	26.5	43.5	57.8	90.0	19.4	29.0	45.4	64.5	103.5	20.1	29.6	47.2	66.3	111.1	59.8	86.3	139.2
	600	15.7	21.8	35.2	47.4	73.6	18.0	26.5	43.5	57.8	90.0	19.4	29.0	45.4	64.5	103.5	20.1	29.6	47.2	66.3	111.1	59.8	86.3	139.2
4.40	300	15.3	21.2	33.9	45.5	72.1	17.6	25.7	41.5	55.1	85.5	18.9	28.3	44.1	62.0	98.3	19.7	28.9	45.5	64.2	106.1	57.6	83.1	132.5
	400	15.3	21.2	33.9	45.5	72.1	17.6	25.7	41.5	55.1	85.5	18.9	28.3	44.1	62.0	98.3	19.7	28.9	45.5	64.2	106.1	57.6	83.1	132.5
	600	15.3	21.2	33.9	45.5	72.1	17.5	25.7	41.5	55.1	85.5	18.9	28.3	44.1	62.0	98.3	19.7	28.9	45.5	64.2	106.1	57.6	83.1	132.5
4.80	300	14.8	20.5	32.2	43.2	68.3	17.1	24.7	39.2	52.0	80.7	18.4	27.6	42.8	59.4	92.7	19.2	28.2	43.7	62.0	100.9	55.2	79.7	124.8
	400	14.8	20.5	32.2	43.2	68.3	17.1	24.7	39.2	52.0	80.7	18.4	27.6	42.8	59.4	92.7	19.2	28.2	43.7	62.0	100.9	55.2	79.6	124.8
	600	14.8	20.5	32.2	43.2	68.3	17.0	24.7	39.2	52.0	80.7	18.4	27.6	42.8	59.3	92.7	19.1	28.2	43.7	62.0	100.9	55.2	79.6	124.8
5.20	300	14.2	19.7	30.3	40.7	64.1	16.5	23.7	36.7	48.7	75.5	17.8	26.7	41.3	56.7	86.8	18.6	27.4	41.8	59.6	95.7	52.6	75.7	116.9
	400	14.2	19.7	30.3	40.7	64.1	16.5	23.7	36.7	48.7	75.5	17.8	26.7	41.3	56.7	86.8	18.6	27.4	41.8	59.6	95.7	52.6	75.7	116.9
	600	14.2	19.7	30.3	40.7	64.1	16.5	23.7	36.7	48.7	75.5	17.8	26.7	41.2	56.7	86.8	18.6	27.4	41.8	59.6	95.7	52.6	75.7	116.9
5.60	300	13.6	18.9	28.3	38.0	59.6	15.8	22.6	34.2	45.4	70.1	17.1	25.8	39.1	52.8	80.7	17.9	26.5	39.8	56.7	90.6	50.0	71.4	108.8
	400	13.6	18.9	28.3	38.0	59.6	15.8	22.6	34.2	45.4	70.1	17.1	25.8	39.1	52.8	80.7	17.9	26.5	39.8	56.7	90.6	50.0	71.4	108.8
	600	13.6	18.9	28.3	38.0	59.6	15.8	22.6	34.2	45.4	70.1	17.1	25.8	39.1	52.8	80.7	17.9	26.5	39.8	56.7	90.6	50.0	71.4	108.8
6.00	300	12.9	17.9	26.2	35.1	54.9	15.2	21.5	31.6	41.9	64.6	16.5	24.8	37.0	48.8	74.6	17.3	25.6	37.7	53.1	84.4	47.2	67.0	100.7
	400	12.9	17.9	26.2	35.1	54.9	15.2	21.5	31.6	41.9	64.6	16.5	24.8	37.0	48.8	74.6	17.3	25.6	37.7	53.0	84.4	47.2	67.0	100.7
	600	12.9	17.9	26.2	35.1	54.9	15.2	21.4	31.6	41.9	64.6	16.5	24.8	37.0	48.8	74.6	17.3	25.6	37.6	53.0	84.4	47.2	67.0	100.7

0.50 kPa Factored Lateral Load

Wall Height	Stud Spacing	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
(m)	(mm)	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	15.1	21.3	35.5	47.3	72.5	17.8	27.2	47.5	63.5	99.8	19.3	29.5	48.6	70.5	116.7	20.2	30.1	50.5	71.4	124.7	65.3	94.3	153.6
	400	14.7	21.0	35.1	46.9	72.1	17.4	26.8	47.0	63.0	99.4	18.9	29.0	48.2	70.0	116.2	19.7	29.6	50.1	70.9	124.2	64.8	93.8	153.1
	600	13.9	20.2	34.4	46.2	71.4	16.6	25.9	46.1	62.2	98.4	18.0	28.1	47.3	69.1	115.2	18.9	28.8	49.2	70.0	123.2	63.9	92.9	152.1
2.80	300	14.7	20.9	35.0	46.8	72.0	17.1	26.4	46.1	61.8	97.4	18.6	28.6	47.3	68.6	113.5	19.4	29.2	49.2	69.6	121.2	63.4	91.9	149.6
	400	14.1	20.3	34.5	46.3	71.5	16.6	25.8	45.4	61.2	96.8	18.0	28.0	46.7	67.9	112.8	18.8	28.6	48.6	68.9	120.5	62.8	91.2	148.9
	600	13.0	19.2	33.4	45.2	70.4	15.5	24.6	44.2	59.9	95.5	16.9	26.8	45.5	66.6	111.4	17.7	27.4	47.4	67.7	119.1	61.5	89.9	147.5
3.20	300	14.0	20.3	34.4	46.2	71.4	16.4	25.3	44.3	59.6	94.2	17.8	27.6	45.7	66.2	109.4	18.6	28.2	47.5	67.3	116.9	61.2	89.0	145.0
	400	13.2	19.5	33.7	45.5	70.6	15.6	24.5	43.4	58.8	93.4	17.0	26.8	44.9	65.3	108.4	17.8	27.4	46.7	66.5	116.0	60.4	88.0	144.0
	600	11.8	18.1	32.3	44.0	69.2	14.1	22.9	41.8	57.1	91.6	15.5	25.2	43.3	63.6	106.5	16.3	25.8	45.2	64.9	114.1	58.7	86.2	142.1
3.60	300	13.1	19.3	33.4	45.4	70.5	15.4	24.1	42.1	56.9	90.2	16.8	26.4	43.8	63.4	104.4	17.6	27.0	45.6	64.9	111.9	58.6	85.5	139.8
	400	12.2	18.4	32.5	44.4	69.5	14.5	23.0	41.0	55.8	89.1	15.8	25.3	42.7	62.2	103.2	16.6	26.0	44.6	63.8	110.7	57.6	84.4	138.5
	600	10.4	16.5	30.6	42.6	67.5	12.7	21.0	38.9	53.7	86.8	13.9	23.3	40.7	60.0	100.7	14.7	24.0	42.6	61.7	108.2	55.5	82.0	135.9
4.00	300	12.1	18.1	31.6	43.6	69.5	14.4	22.6	39.5	53.6	85.4	15.7	25.0	41.5	60.1	98.7	16.4	25.7	43.3	62.1	106.2	55.8	81.6	134.1
	400	11.0	17.0	30.4	42.3	68.1	13.2	21.3	38.2	52.3	83.9	14.5	23.7	40.2	58.7	97.1	15.3	24.4	42.1	60.8	104.7	54.5	80.2	132.4
	600	8.8	14.8	28.2	40.0	65.5	11.0	18.9	35.7	49.7	81.1	12.2	21.2	37.8	56.0	94.1	13.0	22.0	39.7	58.2	101.6	51.9	77.2	129.2
4.40	300	11.0	16.8	29.4	40.8	66.7	13.2	20.9	36.5	49.9	79.9	14.4	23.4	39.2	56.6	92.3	15.2	24.2	40.8	59.1	100.1	52.6	77.3	126.1
	400	9.6	15.5	28.0	39.3	65.0	11.8	19.5	35.0	48.3	78.1	13.0	21.9	37.7	54.9	90.4	13.8	22.7	39.3	57.4	98.2	51.0	75.5	124.0
	600	7.2	12.9	25.4	36.5	61.8	9.3	16.7	32.1	45.3	74.7	10.4	18.9	34.8	51.6	86.7	11.2	19.8	36.5	54.3	94.5	47.9	72.0	120.0
4.80	300	9.7	15.3	26.9	37.6	61.8	11.9	19.1	33.4	45.9	73.8	13.1	21.7	36.9	52.8	85.4	13.9	22.5	38.1	55.7	93.5	49.2	72.6	117.0
	400	8.3	13.8	25.4	36.0	59.8	10.4	17.5	31.6	44.1	71.8	11.5	19.9	35.1	50.8	83.1	12.3	20.8	36.4	53.7	91.3	47.3	70.4	114.6
	600	5.6[4]	10.9	22.4	32.8	56.1	7.6	14.4	28.4	40.7	67.8	8.6	16.6	31.7	47.1	78.9	9.3	17.5	33.1	50.0	86.9	43.8	66.3	109.9
5.20	300	8.5	13.8	24.3	34.3	56.4	10.6	17.3	30.1	41.8	67.5	11.7	19.9	34.3	48.9	78.2	12.5	20.8	35.3	52.1	86.9	45.6	67.4	107.6
	400	6.9	12.1	22.6	32.4	54.2	8.9	15.4	28.2	39.7	65.1	10.0	17.9	32.2	46.6	75.7	10.7	18.8	33.3	49.8	84.2	43.5	64.9	104.8
	600	4.0[3]	9.0[4]	19.5	29.0	50.1	5.9[3]	12.1	24.8	36.0	60.8	6.8[4]	14.2	28.5	42.5	71.0	7.5[4]	15.2	29.7	45.7	79.3	39.6	60.3	99.6
5.60	300	7.2	12.2	21.7	30.8	50.9	9.2	15.4	26.9	37.6	61.0	10.3	18.0	31.1	44.1	71.0	11.1	18.9	32.3	48.0	80.3	41.9	61.8	98.2
	400	5.6[4]	10.4	19.9	28.8	48.5	7.4[4]	13.4	24.9	35.4	58.5	8.5	15.8	28.9	41.7	68.2	9.2	16.8	30.2	45.5	77.3	39.6	59.1	95.1
	600	2.5[3]	7.1[3]	16.6[4]	25.2	44.2	4.2[3]	9.9[4]	21.3	31.5	54.0	5.1[3]	11.9[4]	24.9	37.3	63.3	5.7[3]	12.8	26.3	41.0	71.9	35.3	54.0	89.5
6.00	300	6.0[4]	10.6	19.1	27.4	45.5	7.9	13.6	23.8	33.5	54.8	9.0	16.1	28.1	39.4	63.9	9.7	17.1	29.4	43.4	72.8	38.2	56.2	88.9
	400	4.3[3]	8.8[4]	17.3	25.3	43.0	6.1[3]	11.5	21.7	31.3	52.1	7.0[4]	13.8	25.8	36.9	61.0	7.7[4]	14.8	27.1	40.8	69.7	35.7	53.3	85.6
	600	1.2[2]	5.4[3]	13.9[3]	21.7[4]	38.6	2.8[3]	7.8[3]	18.1[4]	27.3	47.4	3.5[3]	9.7[3]	21.6[4]	32.4	55.8	4.0[3]	10.6[4]	23.0	36.0	64.1	31.2	48.0	79.7

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

1.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	13.9	20.2	34.4	46.2	71.4	16.6	25.9	46.1	62.2	98.4	18.0	28.1	47.3	69.1	115.2	18.9	28.8	49.2	70.0	123.2	63.9	92.9	152.1
	400	13.1	19.4	33.6	45.4	70.6	15.7	25.0	45.2	61.3	97.5	17.2	27.2	46.5	68.2	114.2	18.0	27.9	48.4	69.1	122.2	63.0	91.9	151.0
	600	11.5	17.8	32.2	43.9	69.1	14.1	23.3	43.5	59.5	95.7	15.5	25.4	44.8	66.3	112.2	16.3	26.1	46.7	67.4	120.2	61.2	90.0	149.0
2.80	300	13.0	19.2	33.4	45.2	70.4	15.5	24.6	44.2	59.9	95.5	16.9	26.8	45.5	66.6	111.4	17.7	27.4	47.4	67.7	119.1	61.5	89.9	147.5
	400	11.9	18.1	32.4	44.2	69.3	14.3	23.4	43.0	58.7	94.2	15.7	25.5	44.4	65.3	110.0	16.5	26.2	46.2	66.5	117.7	60.3	88.5	146.1
	600	9.7	16.0	30.3	42.1	67.2	12.2	21.0	40.6	56.3	91.6	13.5	23.1	42.0	62.8	107.2	14.2	23.9	43.9	64.0	114.9	57.9	85.9	143.2
3.20	300	11.8	18.1	32.3	44.0	69.2	14.1	22.9	41.8	57.1	91.6	15.5	25.2	43.3	63.6	106.5	16.3	25.8	45.2	64.9	114.1	58.7	86.2	142.1
	400	10.4	16.7	30.9	42.6	67.7	12.7	21.4	40.2	55.5	89.9	14.0	23.6	41.8	61.9	104.7	14.8	24.3	43.7	63.2	112.2	57.1	84.5	140.2
	600	7.6	13.9	28.2	39.9	64.8	9.9	18.4	37.1	52.3	86.5	11.1	20.4	38.8	58.6	101.0	11.9	21.2	40.7	60.1	108.5	53.9	80.9	136.4
3.60	300	10.4	16.5	30.6	42.6	67.5	12.7	21.0	38.9	53.7	86.8	13.9	23.3	40.7	60.0	100.7	14.7	24.0	42.6	61.7	108.2	55.5	82.0	135.9
	400	8.6	14.8	28.8	40.7	65.6	10.9	19.1	36.9	51.6	84.6	12.1	21.3	38.8	57.9	98.3	12.9	22.1	40.7	59.7	105.8	53.5	79.7	133.4
	600	5.4	11.4	25.4	37.2	61.8	7.5	15.4	33.1	47.6	80.3	8.6	17.5	35.0	53.7	93.7	9.3	18.3	36.9	55.6	101.1	49.5	75.3	128.5
4.00	300	8.8	14.8	28.2	40.0	65.5	11.0	18.9	35.7	49.7	81.1	12.2	21.2	37.8	56.0	94.1	13.0	22.0	39.7	58.2	101.6	51.9	77.2	129.2
	400	6.8	12.7	26.0	37.7	63.0	9.0	16.7	33.3	47.2	78.4	10.1	18.8	35.4	53.4	91.1	10.8	19.6	37.3	55.6	98.7	49.4	74.4	126.0
	600	3.0[3]	8.8	22.0	33.4	58.2	5.1[4]	12.4	28.8	42.5	73.1	6.0[4]	14.3	31.0	48.4	85.4	6.7	15.2	32.9	50.7	92.9	44.6	69.0	119.9
4.40	300	7.2	12.9	25.4	36.5	61.8	9.3	16.7	32.1	45.3	74.7	10.4	18.9	34.8	51.6	86.7	11.2	19.8	36.5	54.3	94.5	47.9	72.0	120.0
	400	4.9[4]	10.5	22.9	33.9	58.7	7.0	14.1	29.4	42.4	71.5	8.0	16.2	32.1	48.5	83.2	8.7	17.1	33.8	51.2	90.9	45.0	68.6	116.2
	600	0.8[3]	6.1[3]	18.4[4]	29.0	53.0	2.7[3]	9.3[4]	24.3	37.1	65.4	3.5[3]	11.1	26.9	42.8	76.7	4.0[3]	12.0	28.6	45.5	84.2	39.5	62.3	109.0
4.80	300	5.6[4]	10.9	22.4	32.8	56.1	7.6	14.4	28.4	40.7	67.8	8.6	16.6	31.7	47.1	78.9	9.3	17.5	33.1	50.0	86.9	43.8	66.3	109.9
	400	3.1[3]	8.3[4]	19.7	29.9	52.6	5.0[3]	11.5	25.4	37.5	64.2	5.9[4]	13.5	28.6	43.6	75.0	6.5[4]	14.4	30.0	46.6	82.9	40.5	62.5	105.6
	600		3.6[3]	14.8[3]	24.6[4]	46.4	0.4[3]	6.3[3]	20.0[4]	31.6	57.5	1.0[3]	7.9[3]	22.9[4]	37.2	67.7	1.5[3]	8.8[4]	24.4[4]	40.1	75.3	34.3	55.3	97.5
5.20	300	4.0[3]	9.0[4]	19.5	29.0	50.1	5.9[3]	12.1	24.8	36.0	60.8	6.8[4]	14.2	28.5	42.5	71.0	7.5[4]	15.2	29.7	45.7	79.3	39.6	60.3	99.6
	400	1.4[3]	6.2[3]	16.6[4]	25.9	46.4	3.1[3]	9.0[3]	21.6[4]	32.6	56.9	3.9[3]	10.9[4]	25.1	38.7	66.7	4.5[3]	11.8[4]	26.3	41.8	74.8	35.9	56.0	94.8
	600		1.2[2]	11.5[3]	20.3[3]	39.8[4]		3.6[3]	16.0[3]	26.5[3]	49.8		5.0[3]	18.9[3]	31.8[4]	59.0		5.8[3]	20.2[3]	34.8	66.6	29.3[4]	48.3	86.1
5.60	300	2.5[3]	7.1[3]	16.6[4]	25.2	44.2	4.2[3]	9.9[4]	21.3	31.5	54.0	5.1[3]	11.9[4]	24.9	37.3	63.3	5.7[3]	12.8	26.3	41.0	71.9	35.3	54.0	89.5
	400		4.2[3]	13.7[3]	22.0[4]	40.4	1.4[2]	6.7[3]	18.0[3]	28.0[4]	49.9	2.0[3]	8.4[3]	21.3[4]	33.3	58.7	2.5[3]	9.3[3]	22.7[4]	36.8	67.1	31.4	49.5	84.4
	600			8.5[2]	16.3[3]	33.6[3]		1.1[2]	12.3[3]	21.7[3]	42.6[4]		2.2[2]	15.0[3]	26.3[3]	50.8		2.9[3]	16.3[3]	29.5[3]	58.4	24.5[3]	41.5[4]	75.3
6.00	300	1.2[2]	5.4[3]	13.9[3]	21.7[4]	38.6	2.8[3]	7.8[3]	18.1[4]	27.3	47.4	3.5[3]	9.7[3]	21.6[4]	32.4	55.8	4.0[3]	10.6[4]	23.0	36.0	64.1	31.2	48.0	79.7
	400		2.4[2]	11.0[3]	18.4[3]	34.8[4]		4.6[3]	14.8[3]	23.7[3]	43.3	0.4[2]	6.1[3]	18.0[3]	28.4[4]	51.3	0.7[2]	6.9[3]	19.2[3]	31.8[4]	59.0	27.2[4]	43.3	74.5
	600			5.8[2]	12.8[2]	28.0[3]			9.1[2]	17.5[3]	36.0[3]			11.5[2]	21.4[3]	43.2[4]		0.4[2]	12.7[3]	24.3[3]	50.2[4]	20.1[3]	35.1[3]	65.2

1.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	12.7	19.0	33.3	45.0	70.3	15.3	24.6	44.8	60.8	97.1	16.8	26.8	46.1	67.7	113.7	17.6	27.5	48.0	68.7	121.7	62.6	91.4	150.5
	400	11.5	17.8	32.2	43.9	69.1	14.1	23.3	43.5	59.5	95.7	15.5	25.4	44.8	66.3	112.2	16.3	26.1	46.7	67.4	120.2	61.2	90.0	149.0
	600	9.2	15.5	30.0	41.8	66.9	11.7	20.7	40.9	56.9	93.0	13.1	22.8	42.3	63.6	109.3	13.8	23.6	44.2	64.7	117.2	58.6	87.1	146.0
2.80	300	11.3	17.6	31.9	43.6	68.8	13.8	22.8	42.4	58.1	93.5	15.2	24.9	43.8	64.7	109.3	15.9	25.6	45.7	65.9	117.0	59.7	87.9	145.4
	400	9.7	16.0	30.3	42.1	67.2	12.2	21.0	40.6	56.3	91.6	13.5	23.1	42.0	62.8	107.2	14.2	23.9	43.9	64.0	114.9	57.9	85.9	143.2
	600	6.6	12.9	27.3	39.1	64.1	9.0	17.6	37.0	52.7	87.9	10.2	19.6	38.6	59.1	103.1	10.9	20.4	40.5	60.4	110.8	54.3	81.9	139.0
3.20	300	9.7	16.0	30.2	41.9	67.0	12.0	20.6	39.4	54.7	89.0	13.3	22.8	41.0	61.1	103.7	14.1	23.5	42.9	62.4	111.3	56.3	83.6	139.2
	400	7.6	13.9	28.2	39.9	64.8	9.9	18.4	37.1	52.3	86.5	11.1	20.4	38.8	58.6	101.0	11.9	21.2	40.7	60.1	108.5	53.9	80.9	136.4
	600	3.8	9.9	24.2	35.9	60.6	6.0	14.0	32.6	47.7	81.5	7.0	16.0	34.4	53.7	95.6	7.7	16.8	36.3	55.4	103.1	49.3	75.8	130.8
3.60	300	7.8	13.9	28.0	39.8	64.6	10.0	18.2	35.9	50.6	83.5	11.2	20.3	37.9	56.8	97.1	12.0	21.1	39.7	58.6	104.6	52.4	78.6	132.2
	400	5.4	11.4	25.4	37.2	61.8	7.5	15.4	33.1	47.6	80.3	8.6	17.5	35.0	53.7	93.7	9.3	18.3	36.9	55.6	101.1	49.5	75.3	128.5
	600	0.8[3]	6.7[4]	20.6	32.1	56.4	2.9[3]	10.2	27.7	42.0	74.1	3.7[4]	12.1	29.7	47.8	86.9	4.3[4]	12.9	31.6	49.8	94.4	43.8	68.9	121.4
4.00	300	5.8	11.7	25.0	36.6	61.8	8.0	15.5	32.1	46.0	77.0	9.0	17.7	34.3	52.1	89.6	9.7	18.5	36.2	54.4	97.2	48.2	73.0	124.4
	400	3.0[3]	8.8	22.0	33.4	58.2	5.1[4]	12.4	28.8	42.5	73.1	6.0[4]	14.3	31.0	48.4	85.4	6.7	15.2	32.9	50.7	92.9	44.6	69.0	119.9
	600		3.4[3]	16.4[4]	27.5	51.5		6.5[3]	22.6[4]	35.9	65.8	0.5[3]	8.1[4]	24.8	41.4	77.5	1.0[3]	9.0[4]	26.6	43.9	84.9	37.9	61.4	111.2
4.40	300	3.8[3]	9.4	21.7	32.6	57.2	5.8[4]	12.8	28.1	41.0	69.9	6.8[4]	14.9	30.7	47.1	81.5	7.5	15.8	32.4	49.8	89.2	43.6	67.0	114.4
	400	0.8[3]	6.1[3]	18.4[4]	29.0	53.0	2.7[3]	9.3[4]	24.3	37.1	65.4	3.5[3]	11.1	26.9	42.8	76.7	4.0[3]	12.0	28.6	45.5	84.2	39.5	62.3	109.0
	600		0.2[3]	12.3[3]	22.4[3]	45.3		2.8[3]	17.6[3]	29.8[4]	57.2		4.2[3]	19.9[3]	35.0	67.7		5.0[3]	21.6[4]	37.7	75.0	31.9	53.5	99.0
4.80	300	1.9[3]	7.1[3]	18.5[4]	28.5	51.0	3.8[3]	10.1[4]	24.0	35.9	62.5	4.6[3]	12.1	27.1	41.9	73.1	5.2[3]	13.0	28.6	44.9	80.9	38.9	60.6	103.5
	400		3.6[3]	14.8[3]	24.6[4]	46.4	0.4[3]	6.3[3]	20.0[4]	31.7	57.5	1.0[3]	7.9[3]	22.9[4]	37.2	67.7	1.5[3]	8.8[4]	24.4[4]	40.1	75.3	34.3	55.3	97.5
	600			8.4[2]	17.6[3]	38.1[3]			12.9[3]	23.9[3]	48.7[4]		0.6[3]	15.3[3]	28.8[3]	58.0		1.3[3]	16.7[3]	31.5[4]	65.2	26.1[3]	45.8	86.5
5.20	300	0.2[2]	4.9[3]	15.3[3]	24.4[4]	44.7	1.8[3]	7.6[3]	20.1[4]	31.0	55.1	2.5[3]	9.3[3]	23.4[4]	36.9	64.7	3.0[3]	10.2[4]	24.7	40.0	72.7	34.2	54.0	92.6
	400		1.2[2]	11.5[3]	20.3[3]	39.8[4]		3.6[3]	16.0[3]	26.5[3]	49.8		5.0[3]	18.9[3]	31.8[4]	59.0		5.8[3]	20.2[3]	34.8	66.6	29.3[4]	48.3	86.1
	600			4.9[2]	13.1[2]	31.2[3]			8.7[2]	18.6[3]	40.6[3]			11.0[2]	22.9[3]	48.9[4]			12.2[3]	25.6[3]	55.8[4]	20.6[3]	38.2[3]	74.6
5.60	300		2.9[2]	12.3[3]	20.5[3]	38.6	0.1[2]	5.2[3]	16.5[3]	26.3[4]	47.9	0.6[2]	6.8[3]	19.7[3]	31.5[4]	56.6	1.0[3]	7.6[3]	21.0[4]	34.9	64.8	29.6[4]	47.4	82.0
	400			8.5[2]	16.3[3]	33.6[3]		1.1[2]	12.3[3]	21.7[3]	42.6[4]		2.2[2]	15.0[3]	26.3[3]	50.8		2.9[3]	16.3[3]	29.5[3]	58.4	24.5[3]	41.5[4]	75.3
	600			1.9[1]	9.1[2]	25.0[3]			5.1[2]	13.8[2]	33.3[3]			6.9[2]	17.4[2]	40.5[3]			8.0[2]	20.0[3]	47.2[3]	15.5[2]	31.1[3]	63.4[4]
6.00	300		1.1[2]	9.6[2]	16.9[3]	33.0[3]		3.1[2]	13.3[3]	22.1[3]	41.3[4]		4.4[3]	16.2[3]	26.5[3]	49.1		5.1[3]	17.5[3]	29.8[4]	56.7	25.3[3]	41.2	72.0
	400			5.8[2]	12.8[2]	28.0[3]			9.1[2]	17.5[3]	36.0[3]			11.5[2]	21.4[3]	43.2[4]		0.4[2]	12.7[3]	24.3[3]	50.2[4]	20.1[3]	35.1[3]	65.2
	600				5.6[1]	19.6[2]			2.0[1]	9.6[2]	26.8[2]			3.4[1]	12.6[2]	33.0[3]			4.4[2]	14.8[2]	39.0[3]	11.0[2]	24.7[3]	53.4[3]

[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

2.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	11.5	17.8	32.2	43.9	69.1	14.1	23.3	43.5	59.5	95.7	15.5	25.4	44.8	66.3	112.2	16.3	26.1	46.7	67.4	120.2	61.2	90.0	149.0
	400	10.0	16.3	30.7	42.5	67.7	12.5	21.6	41.7	57.8	93.9	13.9	23.7	43.1	64.5	110.3	14.7	24.4	45.0	65.6	118.2	59.5	88.1	147.0
	600	6.9	13.3	27.8	39.6	64.7	9.4	18.2	38.3	54.3	90.3	10.6	20.2	39.8	60.9	106.3	11.4	21.0	41.7	62.1	114.2	56.0	84.3	143.0
2.80	300	9.7	16.0	30.3	42.1	67.2	12.2	21.0	40.6	56.3	91.6	13.5	23.1	42.0	62.8	107.2	14.2	23.9	43.9	64.0	114.9	57.9	85.9	143.2
	400	7.7	13.9	28.3	40.1	65.1	10.0	18.7	38.2	53.9	89.1	11.3	20.8	39.8	60.3	104.4	12.0	21.5	41.7	61.6	112.1	55.5	83.2	140.4
	600	3.6	9.9	24.4	36.1	61.0	5.9	14.2	33.6	49.2	84.2	7.0	16.2	35.3	55.4	99.1	7.7	17.0	37.2	56.9	106.7	50.7	78.1	134.9
3.20	300	7.6	13.9	28.2	39.9	64.8	9.9	18.4	37.1	52.3	86.5	11.1	20.4	38.8	58.6	101.0	11.9	21.2	40.7	60.1	108.5	53.9	80.9	136.4
	400	5.0	11.2	25.5	37.2	62.0	7.3	15.4	34.0	49.2	83.2	8.4	17.4	35.8	55.3	97.4	9.1	18.3	37.7	56.9	104.9	50.8	77.5	132.6
	600	0.1[3]	6.2[4]	20.5	32.0	56.5	2.2[4]	9.9	28.3	43.2	76.7	3.1[4]	11.7	30.2	49.1	90.4	3.7	12.6	32.0	50.9	97.9	44.8	70.8	125.3
3.60	300	5.4	11.4	25.4	37.2	61.8	7.5	15.4	33.1	47.6	80.3	8.6	17.5	35.0	53.7	93.7	9.3	18.3	36.9	55.6	101.1	49.5	75.3	128.5
	400	2.3[3]	8.2	22.1	33.8	58.2	4.4[4]	11.9	29.4	43.8	76.1	5.3	13.8	31.4	49.7	89.1	6.0	14.7	33.3	51.7	96.6	45.6	71.0	123.8
	600		2.3[3]	16.0[4]	27.4	51.2		5.4[3]	22.6[4]	36.7	68.2		7.0[4]	24.6	42.1	80.6		7.9[4]	26.5	44.3	87.9	38.3	62.8	114.6
4.00	300	3.0[3]	8.8	22.0	33.4	58.2	5.1[4]	12.4	28.8	42.5	73.1	6.0[4]	14.3	31.0	48.4	85.4	6.7	15.2	32.9	50.7	92.9	44.6	69.0	119.9
	400		5.1[3]	18.2[4]	29.4	53.7	1.5[3]	8.4[4]	24.6	38.0	68.2	2.3[3]	10.1	26.8	43.7	80.1	2.8[3]	11.0	28.6	46.1	87.5	40.1	63.8	114.0
	600			11.3[3]	22.0[3]	45.3		1.1[3]	16.9[3]	29.9[4]	59.0		2.4[3]	19.0[3]	34.9	70.1		3.2[3]	20.8[4]	37.4	77.3	31.6	54.2	103.0
4.40	300	0.8[3]	6.1[3]	18.4[4]	29.0	53.0	2.7[3]	9.3[4]	24.3	37.1	65.4	3.5[3]	11.1	26.9	42.8	76.7	4.0[3]	12.0	28.6	45.5	84.2	39.5	62.3	109.0
	400		2.1[3]	14.2[3]	24.5[4]	47.8		4.9[3]	19.7[3]	32.1	59.8		6.4[3]	22.2[4]	37.5	70.6		7.3[3]	23.9[4]	40.2	78.0	34.4	56.4	102.3
	600			6.8[2]	16.5[3]	38.3[3]			11.5[3]	23.3[3]	49.7[4]			13.6[3]	27.9[3]	59.5			15.1[3]	30.5[3]	66.5	25.0[3]	45.6[4]	89.9
4.80	300		3.6[3]	14.8[3]	24.6[4]	46.4	0.4[3]	6.3[3]	20.0[4]	31.6	57.5	1.0[3]	7.9[3]	22.9[4]	37.2	67.7	1.5[3]	8.8[4]	24.4[4]	40.1	75.3	34.3	55.3	97.5
	400			10.5[3]	19.8[3]	40.7[4]		1.7[3]	15.2[3]	26.4[3]	51.5		2.9[3]	17.7[3]	31.5[4]	61.1		3.7[3]	19.2[3]	34.3[4]	68.4	28.7[4]	48.8	90.0
	600			2.7[2]	11.3[2]	30.7[3]			6.6[2]	17.1[3]	40.8[3]			8.6[2]	21.2[3]	49.3[3]			9.9[2]	23.7[3]	56.0[4]	18.7[3]	37.2[3]	76.7
5.20	300		1.2[2]	11.5[3]	20.3[3]	39.8[4]		3.6[3]	16.0[3]	26.5[3]	49.8		5.0[3]	18.9[3]	31.8[4]	59.0		5.8[3]	20.2[3]	34.8	66.6	29.3[4]	48.3	86.1
	400			7.0[2]	15.3[3]	34.0[3]			11.0[2]	21.1[3]	43.6[4]			13.5[3]	25.8[3]	52.1[4]		0.4[2]	14.7[3]	28.5[3]	59.2	23.4[3]	41.4[4]	78.2
	600				6.7[2]	23.8[2]			2.3[1]	11.6[2]	32.6[3]			4.0[2]	15.2[2]	40.0[3]			5.1[2]	17.5[3]	46.3[3]	12.9[2]	29.3[3]	64.3[4]
5.60	300			8.5[2]	16.3[3]	33.6[3]		1.1[2]	12.3[3]	21.7[3]	42.6[4]		2.2[2]	15.0[3]	26.3[3]	50.8		2.9[3]	16.3[3]	29.5[3]	58.4	24.5[3]	41.5[4]	75.3
	400			4.0[2]	11.3[2]	27.8[3]			7.4[2]	16.3[2]	36.3[3]			9.5[2]	20.2[3]	43.7[3]			10.7[2]	23.0[3]	50.7[4]	18.4[3]	34.4[3]	67.2
	600				2.8[1]	17.6[2]				6.9[1]	25.3[2]				9.6[2]	31.6[3]			0.8[1]	11.7[2]	37.4[3]	7.7[2]	22.0[2]	53.1[3]
6.00	300			5.8[2]	12.8[2]	28.0[3]			9.1[2]	17.5[3]	36.0[3]			11.5[2]	21.4[3]	43.2[4]		0.4[2]	12.7[3]	24.3[3]	50.2[4]	20.1[3]	35.1[3]	65.2
	400			1.4[1]	7.9[2]	22.2[2]			4.2[1]	12.1[2]	29.7[3]			6.0[2]	15.3[2]	36.2[3]			7.0[2]	17.8[2]	42.5[3]	13.9[2]	28.0[3]	57.1[4]
	600					12.3[1]				2.8[1]	18.9[2]				4.9[1]	24.2[2]				6.6[1]	29.3[2]	3.2[1]	15.7[2]	43.1[3]

2.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	10.4	16.7	31.1	42.8	68.0	12.9	22.0	42.2	58.2	94.4	14.3	24.1	43.5	65.0	110.7	15.1	24.9	45.5	66.1	118.7	59.9	88.6	147.5
	400	8.4	14.8	29.2	41.0	66.2	11.0	19.9	40.0	56.0	92.1	12.2	21.9	41.5	62.7	108.3	13.0	22.7	43.4	63.9	116.2	57.7	86.2	145.0
	600	4.7	11.0	25.7	37.5	62.5	7.1	15.7	35.8	51.8	87.7	8.2	17.7	37.3	58.2	103.4	8.9	18.5	39.3	59.6	111.3	53.4	81.5	140.0
2.80	300	8.2	14.4	28.8	40.6	65.7	10.6	19.3	38.8	54.5	89.7	11.8	21.3	40.3	60.9	105.1	12.6	22.1	42.2	62.2	112.8	56.1	83.9	141.1
	400	5.6	11.9	26.3	38.1	63.1	8.0	16.4	35.9	51.5	86.6	9.1	18.4	37.5	57.8	101.7	9.8	19.3	39.4	59.3	109.4	53.1	80.6	137.6
	600	0.8[4]	7.0	21.5	33.2	58.0	3.0	11.0	30.2	45.8	80.5	3.9	12.8	32.0	51.8	95.1	4.5	13.7	33.9	53.4	102.7	47.3	74.3	130.8
3.20	300	5.7	11.9	26.2	37.8	62.7	7.9	16.2	34.8	50.0	84.0	9.1	18.2	36.6	56.1	98.3	9.8	19.0	38.4	57.7	105.8	51.6	78.4	133.6
	400	2.5[4]	8.7	22.9	34.6	59.2	4.7	12.6	31.1	46.2	79.9	5.7	14.5	33.0	52.2	93.8	6.3	15.4	34.9	53.9	101.3	47.8	74.1	129.0
	600		2.6[3]	16.8[4]	28.3	52.6		5.9[4]	24.1	38.9	72.1		7.6	26.1	44.6	85.3		8.5	27.9	46.4	92.7	40.4	66.0	120.0
3.60	300	3.0[4]	9.0	22.9	34.6	59.1	5.2[4]	12.8	30.3	44.8	77.1	6.1	14.7	32.3	50.7	90.3	6.8	15.6	34.2	52.7	97.7	46.6	72.0	124.9
	400		5.2[4]	19.0	30.5	54.7	1.4[3]	8.6[4]	25.9	40.2	72.1	2.2[3]	10.3	28.0	45.9	84.8	2.7[4]	11.2	29.9	48.0	92.2	41.9	66.8	119.1
	600			11.8[3]	22.9[4]	46.3		0.9[3]	17.8[3]	31.6[4]	62.6		2.2[3]	19.8[4]	36.8	74.5		3.1[3]	21.6[4]	39.0	81.7	33.1	56.9	108.0
4.00	300	0.4[3]	6.0[3]	19.1	30.4	54.8	2.4[3]	9.3[4]	25.6	39.1	69.4	3.2[3]	11.1	27.8	44.8	81.4	3.8[4]	12.0	29.7	47.2	88.8	41.2	65.1	115.5
	400		1.7[3]	14.7[3]	25.6[4]	49.4		4.6[3]	20.6[4]	33.9	63.5		6.1[3]	22.8[4]	39.2	75.0		7.0[4]	24.6	41.7	82.3	35.8	58.9	108.4
	600			6.6[3]	16.9[3]	39.5[4]			11.6[3]	24.2[3]	52.6[4]			13.6[3]	28.9[3]	63.1			15.3[3]	31.3[4]	70.1	25.7[3]	47.5	95.3
4.40	300		3.1[3]	15.2[3]	25.6[4]	49.0		6.0[3]	20.8[4]	33.3	61.2	0.3[3]	7.5[3]	23.3[4]	38.8	72.1	0.8[3]	8.4[4]	25.0	41.5	79.5	35.6	57.8	103.9
	400			10.4[3]	20.4[3]	42.9[4]		0.8[3]	15.5[3]	27.6[3]	54.6		2.1[3]	17.8[3]	32.5[4]	64.9		2.9[3]	19.4[3]	35.2[4]	72.1	29.5[4]	50.8	95.9
	600			1.8[2]	11.0[2]	31.9[3]			5.9[2]	17.2[3]	42.8[3]			7.8[2]	21.3[3]	51.9[4]			9.2[3]	23.8[3]	58.6[4]	18.5[3]	38.1[3]	81.3
4.80	300		0.3[2]	11.5[3]	20.9[3]	42.1[4]		2.8[3]	16.3[3]	27.7[3]	53.0		4.1[3]	19.0[3]	32.9[4]	62.7		4.9[3]	20.4[3]	35.7	70.1	30.1[4]	50.4	91.8
	400			6.5[2]	15.4[3]	35.5[3]			10.7[3]	21.6[3]	46.0[4]			13.0[3]	26.2[3]	55.0[4]			14.4[3]	28.8[3]	62.0	23.5[3]	42.8[4]	83.1
	600				5.7[2]	24.1[2]			0.9[2]	10.9[2]	33.6[3]			2.5[2]	14.3[2]	41.4[3]			3.6[2]	16.6[3]	47.6[3]	11.8[2]	29.3[3]	67.6[4]
5.20	300			8.1[2]	16.5[3]	35.4[3]			12.2[3]	22.4[3]	45.1[4]		1.0[2]	14.8[3]	27.2[3]	53.7		1.7[3]	16.1[3]	30.0[3]	61.0	24.8[3]	43.1[4]	80.1
	400			2.9[2]	10.9[2]	28.7[3]			6.5[2]	16.2[2]	37.8[3]			8.5[2]	20.2[3]	45.8[3]			9.7[2]	22.8[3]	52.5[4]	17.9[3]	35.1[3]	71.0
	600				1.1[1]	17.0[2]				5.4[1]	25.3[2]				8.1[2]	31.9[3]				10.1[2]	37.6[3]	5.9[2]	21.2[2]	55.0[3]
5.60	300			5.1[2]	12.5[2]	29.2[3]			8.5[2]	17.6[3]	37.8[3]			10.8[2]	21.7[3]	45.4[3]			12.0[3]	24.6[3]	52.6[4]	19.8[3]	36.1[3]	69.1
	400				6.9[2]	22.4[2]			2.9[1]	11.4[2]	30.5[3]			4.5[2]	14.7[2]	37.4[3]			5.5[2]	17.1[2]	43.8[3]	12.8[2]	27.9[3]	59.8[3]
	600					10.9[1]				0.7[1]	18.0[2]				2.7[1]	23.6[2]				4.3[1]	28.7[2]	0.6[1]	13.9[2]	43.8[3]
6.00	300			2.5[1]	9.0[2]	23.6[2]			5.4[2]	13.4[2]	31.2[3]			7.3[2]	16.8[2]	37.9[3]			8.4[2]	19.4[3]	44.4[3]	15.4[2]	29.7[3]	59.0[4]
	400				3.5[1]	17.0[2]				7.3[1]	24.1[2]			1.0[1]	9.9[2]	30.0[3]			1.9[1]	12.0[2]	35.6[3]	8.3[2]	21.6[2]	49.8[3]
	600					5.8[1]					11.9[1]					16.4[2]					20.6[2]		7.6[1]	33.9[2]

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

3.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	9.2	15.5	30.0	41.8	66.9	11.7	20.7	40.9	56.9	93.0	13.1	22.8	42.3	63.6	109.3	13.8	23.6	44.2	64.7	117.2	58.6	87.1	146.0
	400	6.9	13.3	27.8	39.6	64.7	9.4	18.2	38.3	54.3	90.3	10.6	20.2	39.8	60.9	106.3	11.4	21.0	41.7	62.1	114.2	56.0	84.3	143.0
	600	2.5	8.9	23.6	35.4	60.4	4.9	13.3	33.3	49.2	85.0	5.9	15.2	34.9	55.6	100.6	6.6	16.0	36.8	57.0	108.4	50.8	78.7	137.1
2.80	300	6.6	12.9	27.3	39.1	64.1	9.0	17.6	37.0	52.7	87.9	10.2	19.6	38.6	59.1	103.1	10.9	20.4	40.5	60.4	110.8	54.3	81.9	139.0
	400	3.6	9.9	24.4	36.1	61.0	5.9	14.2	33.6	49.2	84.2	7.0	16.2	35.3	55.4	99.1	7.7	17.0	37.2	56.9	106.7	50.7	78.1	134.9
	600		4.1[4]	18.7	30.4	55.0	0.1[4]	7.8	27.0	42.4	77.0	0.9[4]	9.5	28.8	48.3	91.2	1.5	10.4	30.7	50.0	98.8	43.9	70.5	126.8
3.20	300	3.8	9.9	24.2	35.9	60.6	6.0	14.0	32.6	47.7	81.5	7.0	16.0	34.4	53.7	95.6	7.7	16.8	36.3	55.4	103.1	49.3	75.8	130.8
	400	0.1[3]	6.2[4]	20.5	32.0	56.5	2.2[4]	9.9	28.3	43.2	76.7	3.1[4]	11.7	30.2	49.1	90.4	3.7	12.6	32.0	50.9	97.9	44.8	70.8	125.3
	600			13.4[3]	24.7	48.7		2.1[3]	20.1[4]	34.8	67.6		3.6[4]	22.2	40.2	80.4		4.5[4]	24.0	42.2	87.7	36.2	61.2	114.8
3.60	300	0.8[3]	6.7[4]	20.6	32.1	56.4	2.9[3]	10.2	27.7	42.0	74.1	3.7[4]	12.1	29.7	47.8	86.9	4.3[4]	12.9	31.6	49.8	94.4	43.8	68.9	121.4
	400		2.3[3]	16.0[4]	27.4	51.2		5.4[3]	22.6[4]	36.7	68.2		7.0[4]	24.6	42.1	80.6		7.9[4]	26.5	44.3	87.9	38.3	62.8	114.6
	600			7.7[3]	18.6[3]	41.6[4]			13.2[3]	26.8[3]	57.2			15.3[3]	31.6[4]	68.6			16.9[3]	33.9	75.7	28.1[4]	51.2	101.7
4.00	300		3.4[3]	16.4[4]	27.5	51.5		6.5[3]	22.6[4]	35.9	65.8	0.5[3]	8.1[4]	24.8	41.4	77.5	1.0[3]	9.0[4]	26.6	43.9	84.9	37.9	61.4	111.2
	400			11.3[3]	22.0[3]	45.3		1.1[3]	16.9[3]	29.9[4]	59.0		2.4[3]	19.0[3]	34.9	70.1		3.2[3]	20.8[4]	37.4	77.3	31.6	54.2	103.0
	600			2.2[2]	12.1[3]	34.0[3]			6.6[2]	18.9[3]	46.6[3]			8.6[3]	23.2[3]	56.5[4]			10.0[3]	25.5[3]	63.3	20.1[3]	41.1[4]	87.9
4.40	300		0.2[3]	12.3[3]	22.4[3]	45.3		2.8[3]	17.6[3]	29.8[4]	57.2		4.2[3]	19.9[3]	35.0	67.7		5.0[3]	21.6[4]	37.7	75.0	31.9	53.5	99.0
	400			6.8[2]	16.5[3]	38.3[3]			11.5[3]	23.3[3]	49.7[4]			13.6[3]	27.9[3]	59.5			15.1[3]	30.5[3]	66.5	25.0[3]	45.6[4]	89.9
	600				5.9[2]	25.9[3]			0.7[2]	11.6[2]	36.4[3]			2.4[2]	15.2[3]	44.8[3]			3.6[2]	17.5[3]	51.1[3]	12.5[3]	31.2[3]	73.3[4]
4.80	300			8.4[2]	17.6[3]	38.1[3]			12.9[3]	23.9[3]	48.7[4]		0.6[3]	15.3[3]	28.8[3]	58.0		1.3[3]	16.7[3]	31.5[4]	65.2	26.1[3]	45.8	86.5
	400			2.7[2]	11.3[2]	30.7[3]			6.6[2]	17.1[3]	40.8[3]			8.6[2]	21.2[3]	49.3[3]			9.9[2]	23.7[3]	56.0[4]	18.7[3]	37.2[3]	76.7
	600				0.5[1]	17.9[2]				5.2[2]	26.9[2]				8.0[2]	34.1[3]				10.0[2]	39.8[3]	5.5[2]	22.0[3]	59.2[3]
5.20	300			4.9[2]	13.1[2]	31.2[3]			8.7[2]	18.6[3]	40.6[3]			11.0[2]	22.9[3]	48.9[4]			12.2[3]	25.6[3]	55.8[4]	20.6[3]	38.2[3]	74.6
	400				6.7[2]	23.8[2]			2.3[1]	11.6[2]	32.6[3]			4.0[2]	15.2[2]	40.0[3]			5.1[2]	17.5[3]	46.3[3]	12.9[2]	29.3[3]	64.3[4]
	600					10.9[1]					18.6[2]				1.7[1]	24.5[2]				3.3[2]	29.6[2]		13.7[2]	46.5[3]
5.60	300			1.9[1]	9.1[2]	25.0[3]			5.1[2]	13.8[2]	33.3[3]			6.9[2]	17.4[2]	40.5[3]			8.0[2]	20.0[3]	47.2[3]	15.5[2]	31.1[3]	63.4[4]
	400				2.8[1]	17.6[2]				6.9[1]	25.3[2]				9.6[2]	31.6[3]			0.8[1]	11.7[2]	37.4[3]	7.7[2]	22.0[2]	53.1[3]
	600					4.8[1]					11.5[1]					16.3[2]					20.7[2]		6.5[1]	35.3[2]
6.00	300				5.6[1]	19.6[2]			2.0[1]	9.6[2]	26.8[2]			3.4[1]	12.6[2]	33.0[3]			4.4[2]	14.8[2]	39.0[3]	11.0[2]	24.7[3]	53.4[3]
	400					12.3[1]				2.8[1]	18.9[2]				4.9[1]	24.2[2]				6.6[1]	29.3[2]	3.2[1]	15.7[2]	43.1[3]
	600										5.4[1]					9.2[1]					12.8[1]		0.3[1]	25.6[2]

3.5 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	600S162					600S200					600S250					600S300					600S350		
		230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			230 MPa		345 MPa			345 MPa		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
2.40	300	8.1	14.4	28.9	40.7	65.8	10.6	19.5	39.6	55.6	91.7	11.8	21.5	41.0	62.2	107.8	12.6	22.3	43.0	63.4	115.7	57.3	85.7	144.5
	400	5.4	11.8	26.4	38.2	63.3	7.9	16.5	36.6	52.6	88.6	9.0	18.5	38.2	59.1	104.4	9.7	19.3	40.1	60.4	112.3	54.2	82.4	141.0
	600	0.4	6.7	21.5	33.3	58.2	2.7	10.9	30.8	46.8	82.4	3.6	12.7	32.5	53.0	97.7	4.2	13.6	34.4	54.5	105.5	48.3	75.9	134.2
2.80	300	5.1	11.4	25.8	37.6	62.6	7.5	15.9	35.3	50.9	86.0	8.6	17.9	37.0	57.2	101.1	9.3	18.7	38.9	58.7	108.7	52.5	80.0	137.0
	400	1.7[4]	7.9	22.5	34.2	59.0	4.0	12.0	31.4	46.9	81.7	4.9	13.9	33.1	53.0	96.4	5.6	14.8	35.0	54.6	104.1	48.4	75.5	132.2
	600		1.4[4]	16.0	27.6	52.1		4.7[4]	23.8	39.1	73.5		6.3	25.7	44.9	87.4		7.3	27.6	46.7	94.9	40.5	66.8	122.8
3.20	300	1.9[4]	8.0	22.3	33.9	58.5	4.1	11.9	30.4	45.4	79.1	5.0	13.8	32.3	51.4	93.0	5.7	14.7	34.1	53.1	100.5	47.0	73.3	128.0
	400		3.8[4]	18.0	29.5	53.9		7.2[4]	25.5	40.3	73.6	0.6[3]	8.9	27.4	46.0	87.0	1.1[4]	9.8	29.3	47.9	94.4	41.9	67.6	121.8
	600			10.0[3]	21.2[4]	45.0			16.3[3]	30.8	63.2			18.3[4]	35.9	75.6		0.6[3]	20.1[4]	38.0	82.8	32.0	56.6	109.7
3.60	300		4.4[3]	18.3[4]	29.7	53.8	0.7[3]	7.8[4]	25.1	39.3	71.1	1.4[3]	9.5	27.1	44.9	83.7	2.0[4]	10.4	29.0	47.0	91.1	41.0	65.8	118.0
	400			13.2[3]	24.3[4]	47.9		2.4[3]	19.3[4]	33.3	64.4		3.8[3]	21.4[4]	38.5	76.5		4.7[4]	23.2	40.7	83.7	34.8	58.8	110.2
	600			3.8[2]	14.4[3]	37.1[3]			8.9[3]	22.2[3]	52.1[4]			10.9[3]	26.7[3]	63.0			12.5[3]	29.0[4]	69.9	23.3[3]	45.8	95.5
4.00	300		0.9[3]	13.8[3]	24.7[4]	48.4		3.7[3]	19.7[3]	32.8	62.4		5.2[3]	21.8[4]	38.1	73.7		6.0[3]	23.6[4]	40.6	81.0	34.7	57.7	107.0
	400			8.1[3]	18.6[3]	41.4[4]			13.3[3]	26.1[3]	54.7			15.4[3]	30.9[4]	65.4			17.1[3]	33.3[4]	72.4	27.6[4]	49.7	97.8
	600				7.6[2]	28.8[3]			2.0[2]	13.9[3]	40.9[3]			3.7[2]	17.7[3]	50.2[3]			5.1[2]	20.0[3]	56.7[4]	14.7[3]	35.0[3]	80.9
4.40	300			9.5[3]	19.4[3]	41.7[4]			14.4[3]	26.5[3]	53.4		1.0[3]	16.7[3]	31.3[4]	63.5		1.8[3]	18.3[3]	34.0[4]	70.6	28.4[4]	49.5	94.4
	400			3.4[2]	12.8[2]	34.0[3]			7.7[2]	19.2[3]	45.0[3]			9.7[3]	23.4[3]	54.4[4]			11.1[3]	25.9[3]	61.1	20.6[3]	40.6[4]	84.1
	600				1.2[1]	20.3[2]				6.4[2]	30.3[3]				9.4[2]	38.2[3]				11.6[2]	44.1[3]	6.7[2]	24.6[3]	65.6[3]
4.80	300			5.5[2]	14.4[3]	34.3[3]			9.7[2]	20.4[3]	44.6[3]			11.9[3]	24.9[3]	53.6[4]			13.2[3]	27.5[3]	60.5	22.3[3]	41.4[4]	81.5
	400				7.5[2]	26.2[3]			2.7[2]	12.9[2]	35.9[3]			4.4[2]	16.6[3]	44.0[3]			5.6[2]	18.9[3]	50.3[3]	14.1[3]	31.9[3]	70.6[4]
	600					12.2[2]					20.7[2]				2.1[2]	27.2[2]				3.8[2]	32.5[3]		15.2[2]	51.3[3]
5.20	300			2.0[1]	9.8[2]	27.4[3]			5.4[2]	15.0[2]	36.5[3]			7.4[2]	18.9[3]	44.3[3]			8.5[2]	21.4[3]	50.9[3]	16.6[3]	33.6[3]	69.3[4]
	400				2.9[1]	19.2[2]				7.4[2]	27.6[2]				10.4[2]	34.5[3]			0.7[2]	12.5[2]	40.4[3]	8.1[2]	23.8[3]	58.1[3]
	600					5.1[1]					12.4[1]					17.7[2]					22.2[2]		6.8[2]	38.5[2]
5.60	300				5.8[1]	21.2[2]			1.8[1]	10.2[2]	29.2[3]			3.3[2]	13.4[2]	35.9[3]			4.3[2]	15.7[2]	42.2[3]	11.5[2]	26.4[3]	58.1[3]
	400					13.1[1]				2.7[1]	20.4[2]				4.9[1]	26.2[2]				6.7[2]	31.5[2]	2.9[1]	16.5[2]	46.8[3]
	600										5.3[1]					9.5[1]					13.2[1]			27.4[2]
6.00	300				2.4[1]	15.8[2]				6.1[1]	22.7[2]				8.6[2]	28.5[2]			0.6[1]	10.6[2]	34.0[3]	7.0[2]	20.1[2]	48.1[3]
	400					7.9[1]					14.1[1]				0.3[1]	18.9[2]				1.6[1]	23.4[2]		10.2[2]	36.9[2]
	600															2.6[1]					5.5[1]			17.8[1]

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

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kN)

0 kPa Factored Lateral Load

Wall Height	Stud Spacing	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
(m)	(mm)	33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	32.1	53.0	76.3	127	32.8	55.2	78.0	139	70.2	102	167
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	32.1	53.0	76.3	127	32.8	55.2	78.0	139	70.2	102	167
	600	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	32.1	53.0	76.3	127	32.8	55.2	78.0	139	70.2	102	167
2.80	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	32.0	52.7	75.9	127	32.6	54.8	77.4	138	70.2	101	166
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	32.0	52.7	75.9	127	32.6	54.8	77.4	138	70.2	101	166
	600	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	32.0	52.7	75.9	127	32.6	54.8	77.4	138	70.2	101	166
3.20	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	31.8	52.3	75.4	126	32.4	54.3	76.6	136	69.4	100	164
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	31.8	52.3	75.4	126	32.4	54.3	76.6	136	69.4	100	164
	600	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	31.8	52.3	75.4	126	32.4	54.3	76.6	136	69.4	100	164
3.60	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	31.6	51.7	74.7	124	32.2	53.6	75.7	134	68.3	98.4	161
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.5	29.3	50.3	66.5	103	31.6	51.7	74.7	124	32.2	53.6	75.7	134	68.3	98.4	161
	600	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.4	29.3	50.3	66.5	103	31.6	51.7	74.7	124	32.2	53.6	75.7	134	68.3	98.4	161
4.00	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.3	29.2	50.1	66.5	103	31.3	51.0	73.8	123	31.9	52.8	74.5	131	67.1	96.8	158
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.3	29.2	50.1	66.5	103	31.3	51.0	73.8	123	31.9	52.8	74.5	131	67.1	96.8	158
	600	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.3	29.2	50.1	66.5	103	31.3	51.0	73.8	123	31.9	52.8	74.5	131	67.1	96.8	158
4.40	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.2	28.8	49.2	65.5	103	31.0	50.1	72.3	120	31.5	51.9	73.0	128	65.7	94.9	155
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	19.1	28.8	49.2	65.5	103	31.0	50.1	72.3	120	31.5	51.9	73.0	128	65.7	94.9	155
	600	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	19.1	28.8	49.2	65.5	103	31.0	50.1	72.3	120	31.5	51.9	73.0	127	65.7	94.9	155
4.80	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	18.9	28.3	47.9	63.9	101	30.5	49.0	70.4	116	31.1	50.8	71.4	124	64.2	92.7	151
	400	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	18.9	28.3	47.9	63.9	101	30.5	49.0	70.4	116	31.1	50.8	71.4	124	64.2	92.7	151
	600	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	18.9	28.3	47.9	63.9	101	30.5	49.0	70.4	116	31.1	50.8	71.4	124	64.2	92.7	151
5.20	300	7.6	10.8	14.4	16.0	22.1	35.3	46.9	72.6	18.6	27.7	46.4	61.9	97.5	30.0	47.8	68.4	112	30.6	49.5	69.7	120	62.5	90.4	147
	400	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	18.6	27.7	46.4	61.9	97.5	30.0	47.8	68.4	112	30.6	49.5	69.7	120	62.5	90.4	147
	600	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	18.6	27.7	46.4	61.9	97.5	30.0	47.8	68.4	112	30.6	49.5	69.7	120	62.5	90.4	147
5.60	300	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	18.3	27.1	44.7	59.6	93.9	29.5	46.4	66.2	108	30.0	48.2	68.0	116	60.8	87.8	143
	400	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	18.3	27.1	44.7	59.6	93.9	29.5	46.4	66.2	108	30.0	48.2	68.0	116	60.8	87.8	143
	600	7.6	10.8	14.4	15.9	22.1	35.3	46.9	72.6	18.3	27.1	44.7	59.6	93.9	29.5	46.4	66.2	108	30.0	48.2	68.0	116	60.7	87.8	143
6.00	300	7.6	10.8	14.4	15.7	21.9	35.2	46.9	72.6	17.9	26.3	42.8	57.1	89.9	28.9	45.1	64.0	103	29.5	46.8	66.2	111	58.9	85.2	138
	400	7.6	10.8	14.4	15.7	21.9	35.2	46.9	72.6	17.9	26.3	42.8	57.1	89.9	28.9	45.1	64.0	103	29.5	46.8	66.2	111	58.9	85.2	138
	600	7.6	10.8	14.4	15.7	21.9	35.2	46.9	72.6	17.9	26.3	42.8	57.1	89.9	28.9	45.1	64.0	103	29.5	46.7	66.1	111	58.9	85.2	138

0.50 kPa Factored Lateral Load

Wall Height	Stud Spacing	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
(m)	(mm)	33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	6.9	10.2	13.9	15.1	21.2	34.5	46.2	71.9	18.5	28.4	49.3	65.5	102	31.1	52.1	75.3	126	31.8	54.2	77.0	138	69.2	101	166
	400	6.7	10	13.7	14.8	21.0	34.3	45.9	71.6	18.2	28.0	49.0	65.2	102	30.8	51.7	74.9	126	31.5	53.9	76.7	137	68.9	100	165
	600	6.3	9.5	13.4	14.2	20.4	33.8	45.4	71.1	17.6	27.4	48.4	64.6	101	30.1	51.1	74.2	125	30.8	53.3	76.0	137	68.2	100	165
2.80	300	6.7	9.9	13.7	14.8	20.9	34.3	45.9	71.6	18.2	28.0	48.9	65.2	102	30.6	51.4	74.5	125	31.3	53.5	76.0	136	68.8	99	164
	400	6.4	9.6	13.5	14.4	20.5	33.9	45.5	71.2	17.8	27.6	48.5	64.7	101	30.2	50.9	74.0	125	30.8	53.0	75.6	136	68.4	99	164
	600	5.8	9.1	13.1	13.6	19.8	33.2	44.8	70.6	16.9	26.7	47.6	63.9	100	29.2	50.1	73.1	124	29.9	52.2	74.7	134	67.5	98	163
3.20	300	6.4	9.7	13.5	14.4	20.5	33.9	45.5	71.2	17.8	27.6	48.5	64.7	101	30.0	50.5	73.5	124	30.6	52.5	74.8	134	67.5	98	162
	400	6	9.3	13.2	13.9	20.0	33.4	45.1	70.8	17.2	27.0	47.9	64.1	101	29.4	50.0	72.9	123	30.1	52.0	74.2	133	66.9	97	161
	600	5.2	8.5	12.6	12.8	19.0	32.5	44.2	69.9	16.1	25.8	46.7	63.0	99	28.2	48.8	71.7	122	28.9	50.8	73.0	132	65.7	96	160
3.60	300	6.1	9.3	13.3	13.9	20.1	33.5	45.1	70.8	17.3	27.0	47.9	64.2	101	29.3	49.5	72.3	122	29.9	51.4	73.3	131	66.0	95.9	159
	400	5.6	8.8	12.9	13.3	19.5	32.9	44.5	70.2	16.6	26.3	47.2	63.4	100	28.5	48.7	71.5	121	29.1	50.7	72.5	130	65.2	95.0	158
	600	4.6	7.9	12.2	12.0	18.2	31.7	43.3	69.0	15.2	24.8	45.6	61.9	98	27.0	47.2	69.9	119	27.6	49.2	71.0	128	63.7	93.4	156
4.00	300	5.7	9	13	13.4	19.6	33.0	44.6	70.3	16.7	26.3	47.2	63.5	100	28.4	48.2	70.7	119	29.0	50.0	71.5	127	64.2	93.6	155
	400	5.1	8.4	12.5	12.6	18.8	32.2	43.9	69.5	15.8	25.4	46.2	62.5	99	27.4	47.2	69.7	118	28.1	49.1	70.5	126	63.2	92.6	154
	600	3.8	7.2	11.6	11.0	17.2	30.7	42.4	68.0	14.1	23.5	44.3	60.6	97	25.6	45.4	67.7	116	26.2	47.3	68.6	124	61.3	90.5	151
4.40	300	5.3	8.6	12.7	12.8	19.0	32.4	44.0	69.7	15.9	25.3	45.5	61.9	99	27.4	46.6	68.5	116	28.0	48.4	69.4	123	62.1	90.9	151
	400	4.5	7.8	12.1	11.8	18.0	31.5	43.1	68.8	14.8	24.2	44.3	60.7	98	26.2	45.5	67.2	114	26.9	47.3	68.2	122	61.0	89.6	149
	600	3.1	6.4	11	9.9	16.1	29.6	41.3	66.9	12.8	21.9	42.0	58.3	95	24.0	43.3	64.8	111	24.6	45.1	65.9	119	58.6	87.1	146
4.80	300	4.8	8.1	12.3	12.2	18.4	31.8	43.4	69.0	15.0	24.1	43.5	59.5	96	26.3	44.8	65.8	111	26.9	46.6	67.0	119	59.9	87.9	146
	400	3.9	7.2	11.7	11.0	17.2	30.6	42.2	67.8	13.8	22.8	42.1	58.0	94	24.9	43.5	64.4	109	25.6	45.3	65.6	117	58.5	86.4	144
	600	2.2	5.5	10.3	8.7	14.9	28.4	40.0	65.5	11.4	20.2	39.4	55.2	92	22.2	40.9	61.4	106	22.9	42.7	62.8	114	55.7	83.3	141
5.20	300	4.3	7.6	11.9	11.5	17.6	31.0	42.6	68.1	14.0	22.8	41.3	56.7	91.9	25.0	42.9	63.0	106	25.7	44.7	64.5	114	57.4	84.6	141
	400	3.3	6.6	11.1	10.1	16.3	29.6	41.2	66.7	12.6	21.3	39.6	55.0	90.1	23.4	41.3	61.2	104	24.1	43.1	62.8	112	55.8	82.8	139
	600	1.3	4.6	9.6	7.4	13.6	27.0	38.5	63.9	9.9	18.3	36.5	51.8	86.6	20.3	38.2	57.8	100	21.1	40.1	59.5	108	52.6	79.2	135
5.60	300	3.8	7.1	11.5	10.7	16.8	30.1	41.7	67.1	13.0	21.4	38.8	53.5	87.3	23.6	40.7	59.9	101	24.3	42.5	61.9	108	54.8	81.1	136
	400	2.6	5.9	10.6	9.1	15.2	28.5	40.0	65.4	11.4	19.6	36.9	51.6	85.2	21.8	38.9	57.9	98	22.6	40.8	59.9	106	52.9	78.9	133
	600	0.4[4]	3.7	8.8	6.1	12.2	25.4	36.9	62.0	8.4	16.3	33.4	48.0	81.2	18.3	35.4	54.0	94	19.1	37.3	56.2	102	49.2	74.8	129
6.00	300	3.2	6.5	11	9.7	15.8	29.1	40.6	65.9	11.9	19.9	36.1	50.2	82.3	22.2	38.5	56.6	95	22.9	40.3	59.1	103	52.0	77.3	129
	400	1.9	5.2	10	8.0	14.0	27.2	38.7	63.8	10.1	17.9	34.1	48.1	80.0	20.1	36.5	54.4	92	20.9	38.3	56.8	100	49.9	74.9	126
	600		2.7[4]	8	4.7[4]	10.6	23.7	35.0	59.9	6.8	14.3	30.2	44.1	75.5	16.3	32.7	50.1	88	17.1	34.4	52.6	95	45.8	70.2	121

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

1.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	6.3	9.5	13.4	14.2	20.4	33.8	45.4	71.1	17.6	27.4	48.4	64.6	101	30.1	51.1	74.2	125	30.8	53.3	76.0	137	68.2	100	165
	400	5.8	9.1	13.1	13.7	19.9	33.3	44.9	70.6	17.0	26.8	47.7	64.0	100	29.4	50.5	73.6	124	30.2	52.6	75.3	136	67.6	99	164
	600	4.9	8.3	12.5	12.5	18.8	32.3	43.9	69.7	15.8	25.5	46.5	62.8	99	28.1	49.2	72.2	123	28.8	51.4	74.0	134	66.3	98	163
2.80	300	5.8	9.1	13.1	13.6	19.8	33.2	44.8	70.6	16.9	26.7	47.6	63.9	100	29.2	50.1	73.1	124	29.9	52.2	74.7	134	67.5	98	163
	400	5.2	8.5	12.6	12.8	19.0	32.5	44.2	69.9	16.1	25.8	46.7	63.0	100	28.3	49.2	72.2	123	29.0	51.3	73.8	133	66.5	97	162
	600	4	7.3	11.8	11.3	17.5	31.1	42.8	68.5	14.5	24.1	45.0	61.3	98	26.5	47.5	70.3	121	27.2	49.6	71.9	131	64.7	95	160
3.20	300	5.2	8.5	12.6	12.8	19.0	32.5	44.2	69.9	16.1	25.8	46.7	63.0	99	28.2	48.8	71.7	122	28.9	50.8	73.0	132	65.7	96	160
	400	4.4	7.8	12.1	11.8	18.0	31.6	43.2	69.0	15.1	24.6	45.5	61.8	98	27.0	47.6	70.4	120	27.7	49.7	71.8	130	64.5	95	159
	600	2.9	6.2	10.9	9.8	16.1	29.8	41.5	67.2	12.9	22.4	43.2	59.6	96	24.6	45.4	68.0	118	25.4	47.4	69.4	128	62.1	92	156
3.60	300	4.6	7.9	12.2	12.0	18.2	31.7	43.3	69.0	15.2	24.8	45.6	61.9	98	27.0	47.2	69.9	119	27.6	49.2	71.0	128	63.7	93.4	156
	400	3.6	6.9	11.4	10.7	16.9	30.5	42.2	67.9	13.8	23.3	44.1	60.4	97	25.5	45.8	68.3	117	26.1	47.7	69.5	126	62.1	91.7	154
	600	1.6	5	10	8.1	14.4	28.2	39.9	65.6	11.1	20.4	41.2	57.5	94	22.5	42.9	65.1	114	23.2	44.8	66.4	123	59.1	88.4	151
4.00	300	3.8	7.2	11.6	11.0	17.2	30.7	42.4	68.0	14.1	23.5	44.3	60.6	97	25.6	45.4	67.7	116	26.2	47.3	68.6	124	61.3	90.5	151
	400	2.6	6	10.7	9.4	15.6	29.2	40.9	66.6	12.4	21.7	42.4	58.7	95	23.7	43.6	65.7	114	24.4	45.5	66.7	122	59.4	88.4	149
	600	0.3	3.7	9	6.3	12.6	26.3	38.0	63.6	9.1	18.1	38.7	55.0	91	20.1	40.0	61.8	110	20.8	41.9	62.9	117	55.7	84.3	145
4.40	300	3.1	6.4	11	9.9	16.1	29.6	41.3	66.9	12.8	21.9	42.0	58.3	95	24.0	43.3	64.8	111	24.6	45.1	65.9	119	58.6	87.1	146
	400	1.6	5	9.9	8.0	14.2	27.8	39.4	65.0	10.8	19.8	39.7	56.0	93	21.7	41.1	62.4	109	22.5	42.9	63.6	117	56.3	84.5	144
	600		2.2	7.8	4.4	10.6	24.3	35.9	61.4	7.0	15.6	35.3	51.5	88	17.4	36.8	57.7	104	18.2	38.7	59.0	111	51.9	79.6	138
4.80	300	2.2	5.5	10.3	8.7	14.9	28.4	40.0	65.5	11.4	20.2	39.4	55.2	92	22.2	40.9	61.4	106	22.9	42.7	62.8	114	55.7	83.3	141
	400	0.6[4]	3.9	9.1	6.5	12.7	26.2	37.8	63.2	9.1	17.6	36.7	52.5	89	19.6	38.3	58.6	103	20.4	40.1	60.1	111	53.0	80.3	137
	600		0.7[4]	6.6	2.3[4]	8.5	22.1	33.6	58.9	4.7	12.9	31.7	47.3	83	14.7	33.4	53.1	97	15.4	35.2	54.8	104	47.8	74.5	131
5.20	300	1.3	4.6	9.6	7.4	13.6	27.0	38.5	63.9	9.9	18.3	36.5	51.8	86.6	20.3	38.2	57.8	100	21.1	40.1	59.5	108	52.6	79.2	135
	400		2.7	8.1	4.9	11.0	24.4	35.9	61.2	7.3	15.4	33.5	48.7	83.2	17.4	35.3	54.6	97	18.1	37.1	56.4	104	49.5	75.7	131
	600			5.2[4]	0.3[3]	6.2[4]	19.6	31.0	56.0	2.5[3]	10.1	27.8	42.8	76.8	11.8	29.7	48.4	90	12.6	31.5	50.3	97	43.5	69.0	123
5.60	300	0.4[4]	3.7	8.8	6.1	12.2	25.4	36.9	62.0	8.4	16.3	33.4	48.0	81.2	18.3	35.4	54.0	94	19.1	37.3	56.2	102	49.2	74.8	129
	400		1.5[4]	7.1	3.3[3]	9.3	22.5	33.9	58.8	5.5[4]	13.1	30.1	44.5	77.4	15.0	32.2	50.3	90	15.9	34.0	52.6	97	45.7	70.8	124
	600			3.8[3]		4.0[3]	17.1[4]	28.2	52.7	0.3[3]	7.3[4]	23.9	38.1	70.2	8.9[4]	26.0	43.5	82	9.7	27.8	45.7	89	39.1	63.3	115
6.00	300		2.7[4]	8	4.7[4]	10.6	23.7	35.0	59.9	6.8	14.3	30.2	44.1	75.5	16.3	32.7	50.1	88	17.1	34.4	52.6	95	45.8	70.2	121
	400		0.3[3]	6.0[4]	1.7[3]	7.5[4]	20.4	31.6	56.2	3.8[3]	10.9	26.7	40.3	71.3	12.7	29.1	46.0	83	13.5	30.8	48.6	91	41.9	65.7	116
	600			2.4[3]		1.7[3]	14.5[3]	25.3[4]	49.2		4.7[3]	20.1[4]	33.4	63.5	6.1[3]	22.4[4]	38.6	74	6.9[3]	24.1[4]	41.1	82	34.7	57.4	106

1.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	5.6	8.9	12.9	13.4	19.6	33.0	44.7	70.4	16.7	26.5	47.4	63.7	100	29.1	50.2	73.2	124	29.8	52.3	75.0	136	67.2	99	164
	400	5	8.3	12.5	12.5	18.8	32.3	43.9	69.7	15.8	25.5	46.5	62.8	99	28.1	49.2	72.2	123	28.8	51.4	74.0	134	66.3	98	163
	600	3.6	7	11.5	10.8	17.1	30.8	42.5	68.2	14.0	23.6	44.6	60.9	97	26.2	47.3	70.2	121	26.9	49.5	72.1	132	64.3	95	160
2.80	300	4.9	8.2	12.4	12.4	18.6	32.2	43.8	69.6	15.7	25.4	46.3	62.6	99	27.9	48.8	71.7	122	28.6	50.9	73.3	133	66.1	97	161
	400	4	7.3	11.8	11.3	17.5	31.1	42.8	68.5	14.5	24.1	45.0	61.3	98	26.5	47.5	70.3	121	27.2	49.6	71.9	131	64.7	95	160
	600	2.2	5.6	10.5	9.0	15.3	29.1	40.8	66.6	12.0	21.5	42.4	58.8	95	23.8	44.9	67.6	118	24.6	47.0	69.2	128	62.0	92	157
3.20	300	4	7.4	11.8	11.3	17.6	31.1	42.8	68.5	14.5	24.1	45.0	61.3	98	26.4	47.1	69.8	120	27.1	49.1	71.2	130	63.9	94	158
	400	2.9	6.2	10.9	9.8	16.1	29.8	41.5	67.2	12.9	22.4	43.2	59.6	96	24.6	45.4	68.0	118	25.4	47.4	69.4	128	62.1	92	156
	600	0.6	4	9.3	6.8	13.2	27.0	38.8	64.5	9.8	19.0	39.8	56.2	93	21.1	42.0	64.3	114	21.9	44.0	65.9	124	58.6	88	152
3.60	300	3.1	6.4	11.1	10.0	16.3	29.9	41.6	67.3	13.1	22.6	43.4	59.7	96	24.7	45.1	67.5	117	25.4	47.0	68.7	126	61.4	90.9	153
	400	1.6	5	10	8.1	14.4	28.2	39.9	65.6	11.1	20.4	41.2	57.5	94	22.5	42.9	65.1	114	23.2	44.8	66.4	123	59.1	88.4	151
	600		2.3	7.9	4.5	10.8	24.7	36.4	62.1	7.2	16.2	36.8	53.1	89	18.1	38.6	60.5	109	18.9	40.5	61.9	118	54.6	83.6	146
4.00	300	2	5.4	10.3	8.6	14.9	28.5	40.2	65.8	11.6	20.8	41.4	57.8	94	22.8	42.7	64.7	113	23.5	44.6	65.8	121	58.5	87.4	148
	400	0.3	3.7	9	6.3	12.6	26.3	38.0	63.6	9.1	18.1	38.7	55.0	91	20.1	40.0	61.8	110	20.8	41.9	62.9	117	55.7	84.3	145
	600		0.4	6.4	1.9[4]	8.2	22.1	33.8	59.3	4.4	13.0	33.3	49.6	86	14.8	34.9	56.1	103	15.6	36.7	57.4	111	50.2	78.3	138
4.40	300	0.9	4.3	9.4	7.1	13.3	26.9	38.6	64.1	9.8	18.7	38.6	54.9	92	20.6	40.0	61.2	107	21.4	41.8	62.4	115	55.2	83.3	142
	400		2.2	7.8	4.4	10.6	24.3	35.9	61.4	7.0	15.6	35.3	51.5	88	17.4	36.8	57.7	104	18.2	38.7	59.0	111	51.9	79.6	138
	600			4.7[4]		5.4[4]	19.3	30.8	56.1	1.6[4]	9.6	29.1	45.1	81	11.3	30.7	50.9	96	12.1	32.5	52.5	104	45.4	72.5	130
4.80	300		3.1	8.4	5.4	11.6	25.1	36.7	62.1	8.0	16.4	35.4	51.2	87	18.3	37.0	57.2	101	19.1	38.9	58.7	109	51.7	78.8	136
	400		0.7[4]	6.6	2.3[4]	8.5	22.1	33.6	58.9	4.7	12.9	31.7	47.3	83	14.7	33.4	53.1	97	15.4	35.2	54.8	104	47.8	74.5	131
	600			3.0[3]		2.6[3]	16.2[4]	27.6	52.6		6.2[4]	24.6	40.0	75	7.7	26.4	45.4	88	8.5	28.2	47.2	95	40.3	66.2	122
5.20	300		1.8[4]	7.4	3.7[4]	9.8	23.2	34.7	59.8	6.1	14.1	32.0	47.1	81.6	15.9	33.9	53.0	95	16.7	35.7	54.8	102	47.9	74.0	129
	400			5.2[4]	0.3[3]	6.2[4]	19.6	31.0	56.0	2.5[3]	10.1	27.8	42.8	76.8	11.8	29.7	48.4	90	12.6	31.5	50.3	97	43.5	69.0	123
	600			1.2[3]			13.0[3]	24.1[4]	48.6		2.8[3]	20.0[4]	34.6	67.8	4.1[3]	22.0[4]	39.7	80	4.9[4]	23.7	41.8	87	35.2	59.6	113
5.60	300		0.5[3]	6.3[4]	2.0[3]	7.9[4]	21.1	32.4	57.3	4.2[4]	11.6	28.5	42.9	75.5	13.5	30.6	48.6	88	14.3	32.4	50.8	95	44.0	68.9	122
	400			3.8[3]		4.0[3]	17.1[4]	28.2	52.7	0.3[3]	7.3[4]	23.9	38.1	70.2	8.9[4]	26.0	43.5	82	9.7	27.8	45.7	89	39.1	63.3	115
	600						9.8[3]	20.5[3]	44.4			15.6[3]	29.3[4]	60.3	0.7[3]	17.7[3]	34.1[4]	71	1.4[3]	19.3[3]	36.3	78	30.0[4]	52.9	103
6.00	300			5.1[3]	0.3[3]	6.0[3]	18.9[4]	30.0	54.4	2.3[3]	9.3[4]	25.0	38.5	69.3	11.0	27.3	44.1	81	11.8	29.1	46.7	88	40.0	63.6	113
	400			2.4[3]		1.7[3]	14.5[3]	25.3[4]	49.2		4.7[3]	20.1[4]	33.4	63.5	6.1[3]	22.4[4]	38.6	74	6.9[3]	24.1[4]	41.1	82	34.7	57.4	106
	600						6.6[2]	16.9[3]	39.9[4]			11.5[3]	24.1[3]	52.9[4]		13.5[3]	28.6[3]	63		15.0[3]	31.0[4]	70	24.9[3]	46.2	93

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

2.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	5	8.3	12.5	12.5	18.8	32.3	43.9	69.7	15.8	25.5	46.5	62.8	99	28.1	49.2	72.2	123	28.8	51.4	74.0	134	66.3	98	163
	400	4.1	7.4	11.8	11.4	17.7	31.3	43.0	68.7	14.6	24.2	45.2	61.5	98	26.8	48.0	70.9	122	27.5	50.1	72.7	133	64.9	96	161
	600	2.3	5.7	10.6	9.2	15.5	29.3	41.0	66.8	12.3	21.7	42.7	59.1	96	24.2	45.5	68.2	119	24.9	47.6	70.1	130	62.3	93	158
2.80	300	4	7.3	11.8	11.3	17.5	31.1	42.8	68.5	14.5	24.1	45.0	61.3	98	26.5	47.5	70.3	121	27.2	49.6	71.9	131	64.7	95	160
	400	2.8	6.2	10.9	9.7	16.0	29.8	41.5	67.2	12.9	22.3	43.3	59.6	96	24.7	45.8	68.5	119	25.5	47.8	70.1	129	62.9	93	158
	600	0.5	3.9	9.2	6.7	13.1	27.0	38.8	64.6	9.6	18.9	39.8	56.3	93	21.2	42.3	64.8	115	21.9	44.4	66.6	125	59.3	89	154
3.20	300	2.9	6.2	10.9	9.8	16.1	29.8	41.5	67.2	12.9	22.4	43.2	59.6	96	24.6	45.4	68.0	118	25.4	47.4	69.4	128	62.1	92	156
	400	1.3	4.8	9.8	7.8	14.1	27.9	39.7	65.4	10.8	20.1	40.9	57.3	94	22.3	43.1	65.5	115	23.0	45.1	67.0	125	59.7	89	153
	600		1.8	7.6	3.9	10.3	24.4	36.1	61.9	6.7	15.7	36.4	52.9	89	17.7	38.7	60.7	110	18.5	40.6	62.4	119	55.0	84	148
3.60	300	1.6	5	10	8.1	14.4	28.2	39.9	65.6	11.1	20.4	41.2	57.5	94	22.5	42.9	65.1	114	23.2	44.8	66.4	123	59.1	88.4	151
	400		3.2	8.6	5.7	12.0	25.9	37.6	63.3	8.5	17.6	38.2	54.6	91	19.6	40.0	62.0	111	20.3	42.0	63.4	119	56.1	85.2	147
	600			5.8	0.9	7.3	21.4	33.1	58.7	3.4	12.1	32.6	48.9	85	13.9	34.5	56.0	104	14.7	36.4	57.5	113	50.2	78.8	140
4.00	300	0.3	3.7	9	6.3	12.6	26.3	38.0	63.6	9.1	18.1	38.7	55.0	91	20.1	40.0	61.8	110	20.8	41.9	62.9	117	55.7	84.3	145
	400		1.5	7.2	3.4	9.6	23.5	35.2	60.8	6.0	14.7	35.1	51.4	88	16.5	36.6	58.0	105	17.3	38.4	59.3	113	52.0	80.3	141
	600			3.8[4]		4.0[4]	18.0	29.7	55.1		8.1	28.2	44.4	80	9.8	29.9	50.6	97	10.6	31.7	52.1	105	44.9	72.5	132
4.40	300		2.2	7.8	4.4	10.6	24.3	35.9	61.4	7.0	15.6	35.3	51.5	88	17.4	36.8	57.7	104	18.2	38.7	59.0	111	51.9	79.6	138
	400			5.7	0.9[3]	7.1	20.9	32.5	57.9	3.3[4]	11.6	31.1	47.2	84	13.3	32.7	53.1	99	14.1	34.6	54.6	106	47.5	74.8	133
	600			1.7[3]		0.6[3]	14.5[4]	25.9	51.1		4.0[4]	23.1	39.0	75	5.5[4]	24.9	44.5	89	6.3	26.7	46.2	96	39.2	65.6	123
4.80	300		0.7[4]	6.6	2.3[4]	8.5	22.1	33.6	58.9	4.7	12.9	31.7	47.3	83	14.7	33.4	53.1	97	15.4	35.2	54.8	104	47.8	74.5	131
	400			4.1[3]		4.5[4]	18.1	29.5	54.6	0.6[3]	8.3	26.9	42.4	78	10.0	28.7	47.9	91	10.8	30.5	49.7	98	42.8	68.9	125
	600						10.7[3]	21.9[4]	46.6			18.0[3]	33.1	67	1.2[3]	19.9[4]	38.1	80	2.0[3]	21.5[4]	40.0	87	33.3	58.3	113
5.20	300			5.2[4]	0.3[3]	6.2[4]	19.6	31.0	56.0	2.5[3]	10.1	27.8	42.8	76.8	11.8	29.7	48.4	90	12.6	31.5	50.3	97	43.5	69.0	123
	400			2.5[3]		1.8[3]	15.2[3]	26.4	51.0		5.1[3]	22.6[4]	37.3	70.7	6.6[4]	24.5	42.5	83	7.4[4]	26.3	44.5	90	37.9	62.6	116
	600						6.9[3]	17.8[3]	41.7[4]			12.9[3]	27.1[3]	59.4		14.9[3]	31.7[4]	71		16.4[3]	33.8[4]	77	27.4[4]	50.8	103
5.60	300			3.8[3]		4.0[3]	17.1[4]	28.2	52.7	0.3[3]	7.3[4]	23.9	38.1	70.2	8.9[4]	26.0	43.5	82	9.7	27.8	45.7	89	39.1	63.3	115
	400			0.8[3]			12.1[3]	23.0[4]	47.1		2.0[3]	18.3[3]	32.1[4]	63.5	3.3[3]	20.4[4]	37.1	75	4.1[3]	22.0[4]	39.4	82	32.9	56.2	107
	600						3.2[2]	13.6[3]	36.7[3]			8.1[3]	21.3[3]	51.3[4]		10.0[3]	25.5[3]	61		11.4[3]	27.7[3]	68	21.6[3]	43.3[4]	92
6.00	300			2.4[3]		1.7[3]	14.5[3]	25.3[4]	49.2		4.7[3]	20.1[4]	33.4	63.5	6.1[3]	22.4[4]	38.6	74	6.9[3]	24.1[4]	41.1	82	34.7	57.4	106
	400						9.1[3]	19.6[3]	42.9[4]			14.2[3]	27.1[3]	56.3	0.2[3]	16.4[3]	31.8[4]	67	0.8[3]	17.9[3]	34.2[4]	74	28.0[4]	49.8	98
	600							9.4[2]	31.5[3]			3.8[2]	15.8[3]	43.5[3]		5.5[2]	19.6[3]	52.3[3]		6.7[2]	21.8[3]	58.7[4]	16.0[3]	36.1[3]	82

2.50 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	4.3	7.6	12	11.7	17.9	31.5	43.2	69.0	14.9	24.6	45.5	61.8	98	27.1	48.3	71.2	122	27.9	50.4	73.0	133	65.3	97	161
	400	3.2	6.6	11.2	10.3	16.6	30.3	42.0	67.8	13.4	23.0	44.0	60.3	97	25.5	46.7	69.6	120	26.2	48.8	71.4	132	63.6	95	160
	600	1	4.5	9.6	7.5	13.9	27.8	39.6	65.4	10.5	19.8	40.9	57.3	94	22.2	43.6	66.3	117	23.0	45.7	68.1	128	60.4	91	156
2.80	300	3.1	6.5	11.1	10.1	16.4	30.1	41.8	67.5	13.3	22.8	43.7	60.0	97	25.2	46.2	68.9	119	25.9	48.3	70.6	130	63.3	94	158
	400	1.6	5	10	8.2	14.6	28.4	40.1	65.9	11.2	20.6	41.5	57.9	94	22.9	44.0	66.6	117	23.7	46.1	68.3	127	61.1	91	156
	600		2.2	7.9	4.5	10.9	25.0	36.8	62.6	7.3	16.4	37.3	53.8	90	18.5	39.8	62.1	112	19.3	41.8	63.9	122	56.6	86	151
3.20	300	1.7	5.1	10.1	8.3	14.6	28.4	40.1	65.8	11.3	20.7	41.5	57.9	94	22.9	43.7	66.1	116	23.6	45.7	67.6	126	60.3	90	154
	400		3.3	8.7	5.8	12.2	26.1	37.9	63.6	8.7	17.9	38.7	55.1	92	20.0	40.9	63.1	112	20.8	42.9	64.7	122	57.4	87	150
	600			5.9	1.1	7.5	21.7	33.5	59.3	3.7	12.4	33.1	49.6	86	14.3	35.4	57.2	106	15.2	37.3	58.9	116	51.6	81	144
3.60	300	0.2	3.6	8.9	6.3	12.6	26.4	38.1	63.8	9.2	18.3	39.0	55.3	92	20.3	40.7	62.8	111	21.0	42.7	64.2	120	56.8	86.0	148
	400		1.4	7.2	3.3	9.6	23.6	35.3	61.0	5.9	14.8	35.4	51.7	88	16.7	37.2	59.0	107	17.5	39.1	60.4	116	53.1	82.0	144
	600			3.7		3.8	18.1	29.8	55.4		8.1	28.4	44.8	81	9.7	30.4	51.5	99	10.6	32.3	53.2	108	45.9	74.1	135
4.00	300		2	7.7	4.1	10.4	24.2	35.9	61.5	6.7	15.5	36.0	52.3	89	17.4	37.4	58.9	106	18.2	39.3	60.2	114	52.9	81.3	142
	400			5.5	0.5[4]	6.8	20.7	32.4	57.9	2.9	11.4	31.6	47.9	84	13.1	33.2	54.3	101	13.9	35.0	55.6	109	48.4	76.4	136
	600			1.4[3]			14.1[4]	25.7	51.0		3.4[4]	23.2	39.4	75	4.9	25.0	45.2	91	5.7	26.8	46.9	99	39.7	66.8	126
4.40	300		0.3[4]	6.2	1.8[4]	8.0	21.7	33.3	58.8	4.2	12.5	32.1	48.3	85	14.3	33.8	54.3	100	15.1	35.6	55.7	107	48.6	76.0	134
	400			3.7[4]		3.8[4]	17.6	29.2	54.4		7.7	27.0	43.1	79	9.3	28.8	48.7	94	10.1	30.6	50.4	101	43.3	70.1	128
	600						9.9[3]	21.2[4]	46.1			17.5[4]	33.2	69		19.4[4]	38.3	82	0.8[4]	21.0	40.1	89	33.2	58.9	116
4.80	300			4.7[4]		5.5[4]	19.1	30.5	55.7	1.6[3]	9.4	28.1	43.6	79	11.1	29.8	49.2	92	11.9	31.6	50.9	100	44.0	70.3	126
	400			1.8[3]		0.7[3]	14.3[4]	25.7	50.5		4.1[3]	22.3[4]	37.6	72	5.5[4]	24.2	42.9	85	6.3[4]	25.9	44.8	93	38.0	63.5	119
	600						5.6[3]	16.6[3]	40.8[4]			11.8[3]	26.6[3]	60		13.7[3]	31.2[4]	72		15.3[3]	33.2[4]	79	26.6[4]	50.7	105
5.20	300			3.2[3]		2.9[3]	16.3[4]	27.5	52.2		6.3[4]	23.8	38.6	72.2	7.9[4]	25.8	44.0	85	8.7	27.5	46.0	92	39.3	64.2	118
	400						10.9[3]	22.0[4]	46.3		0.5[3]	17.6[3]	32.0[4]	64.9	1.7[3]	19.6[4]	37.0	77	2.5[3]	21.2[4]	39.1	84	32.5	56.6	109
	600						1.3[2]	11.8[3]	35.3[3]			6.3[3]	20.1[3]	51.5[4]		8.2[3]	24.2[3]	62		9.6[3]	26.3[3]	69	20.0[3]	42.5[4]	93
5.60	300			1.5[3]		0.3[3]	13.3[3]	24.3[4]	48.5		3.3[3]	19.7[4]	33.5	65.1	4.7[3]	21.7[4]	38.6	77	5.4[3]	23.4[4]	40.9	84	34.4	58.0	109
	400						7.5[3]	18.1[3]	41.7[4]			13.1[3]	26.5[3]	57.2		15.0[3]	31.1[4]	68		16.6[3]	33.4[4]	75	27.1[4]	49.6	100
	600							7.1[2]	29.5[3]			1.3[2]	13.9[3]	42.9[3]		3.0[2]	17.5[3]	52.1[3]		4.2[2]	19.6[3]	58.3[4]	13.8[3]	34.4[3]	82
6.00	300						10.4[3]	21.0[3]	44.4		0.5[3]	15.7[3]	28.6[4]	58.1	1.6[3]	17.8[3]	33.4[4]	68	2.3[3]	19.4[3]	35.9	76	29.6[4]	51.7	100
	400						4.1[2]	14.3[3]	37.0[3]			8.8[3]	21.2[3]	49.7[4]		10.8[3]	25.5[3]	59.2[4]		12.1[3]	27.8[3]	66	21.8[3]	42.7[4]	89
	600							2.5[2]	23.8[3]				8.2[2]	34.8[3]			11.3[2]	42.8[3]			13.3[3]	48.6[3]	7.9[2]	26.7[3]	70.7[4]

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

3.00 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	3.6	7	11.5	10.8	17.1	30.8	42.5	68.2	14.0	23.6	44.6	60.9	97	26.2	47.3	70.2	121	26.9	49.5	72.1	132	64.3	95	160
	400	2.3	5.7	10.6	9.2	15.5	29.3	41.0	66.8	12.3	21.7	42.7	59.1	96	24.2	45.5	68.2	119	24.9	47.6	70.1	130	62.3	93	158
	600		3.2	8.7	5.8	12.3	26.3	38.1	63.9	8.7	18.0	39.0	55.5	92	20.3	41.7	64.3	115	21.1	43.8	66.2	126	58.4	89	154
2.80	300	2.2	5.6	10.5	9.0	15.3	29.1	40.8	66.6	12.0	21.5	42.4	58.8	95	23.8	44.9	67.6	118	24.6	47.0	69.2	128	62.0	92	157
	400	0.5	3.9	9.2	6.7	13.1	27.0	38.8	64.6	9.6	18.9	39.8	56.3	93	21.2	42.3	64.8	115	21.9	44.4	66.6	125	59.3	89	154
	600		0.6	6.7	2.3	8.8	23.0	34.8	60.6	4.9	13.9	34.8	51.3	88	15.9	37.3	59.4	109	16.7	39.3	61.2	119	53.9	84	148
3.20	300	0.6	4	9.3	6.8	13.2	27.0	38.8	64.5	9.8	19.0	39.8	56.2	93	21.1	42.0	64.3	114	21.9	44.0	65.9	124	58.5	88	152
	400		1.8	7.6	3.9	10.3	24.4	36.1	61.9	6.7	15.7	36.4	52.9	89	17.7	38.7	60.7	110	18.5	40.6	62.4	119	55.0	84	148
	600			4.3		4.8	19.2	31.0	56.7	0.7	9.2	29.9	46.3	83	11.0	32.1	53.7	102	11.9	34.1	55.4	112	48.1	77	140
3.60	300		2.3	7.9	4.5	10.8	24.7	36.4	62.1	7.2	16.2	36.8	53.1	89	18.1	38.6	60.5	109	18.9	40.5	61.9	118	54.6	83.6	146
	400			5.8	0.9	7.3	21.4	33.1	58.7	3.4	12.1	32.6	48.9	85	13.9	34.5	56.0	104	14.7	36.4	57.5	113	50.2	78.8	140
	600			1.7[4]		0.5[4]	14.9	26.6	52.1		4.2	24.4	40.7	77	5.7	26.4	47.2	94	6.6	28.2	48.9	103	41.6	69.5	130
4.00	300		0.4	6.4	1.9[4]	8.2	22.1	33.8	59.3	4.4	13.0	33.3	49.6	86	14.8	34.9	56.1	103	15.6	36.7	57.4	111	50.2	78.3	138
	400			3.8[4]		4.0[4]	18.0	29.7	55.1		8.1	28.2	44.4	80	9.8	29.9	50.6	97	10.6	31.7	52.1	105	44.9	72.5	132
	600						10.3[3]	21.8	47.0			18.5[4]	34.5	70	0.2[4]	20.3	40.0	85	1.0[4]	22.0	41.8	93	34.7	61.3	120
4.40	300			4.7[4]		5.4[4]	19.3	30.8	56.1	1.6[4]	9.6	29.1	45.1	81	11.3	30.7	50.9	96	12.1	32.5	52.5	104	45.4	72.5	130
	400			1.7[3]		0.6[3]	14.5[4]	25.9	51.1		4.0[4]	23.1	39.0	75	5.5[4]	24.9	44.5	89	6.3	26.7	46.2	96	39.2	65.6	123
	600						5.5[3]	16.7[3]	41.4			12.1[3]	27.5[4]	62		14.1[3]	32.4	75		15.6[4]	34.3	82	27.4[4]	52.5	108
4.80	300			3.0[3]		2.6[3]	16.2[4]	27.6	52.6		6.2[4]	24.6	40.0	75	7.7	26.4	45.4	88	8.5	28.2	47.2	95	40.3	66.2	122
	400						10.7[3]	21.9[4]	46.6			18.0[3]	33.1	67	1.2[3]	19.9[4]	38.1	80	2.0[3]	21.5[4]	40.0	87	33.3	58.3	113
	600						0.7[2]	11.5[3]	35.3[3]			5.9[3]	20.4[3]	53.4[4]		7.9[3]	24.6[3]	64		9.2[3]	26.6[3]	71	20.2[3]	43.5[4]	96
5.20	300			1.2[3]			13.0[3]	24.1[4]	48.6		2.8[3]	20.0[4]	34.6	67.8	4.1[3]	22.0[4]	39.7	80	4.9[4]	23.7	41.8	87	35.2	59.6	113
	400						6.9[3]	17.8[3]	41.7[4]			12.9[3]	27.1[3]	59.4		14.9[3]	31.7[4]	71		16.4[3]	33.8[4]	77	27.4[4]	50.8	103
	600							6.2[2]	29.1[3]			0.1[2]	13.5[3]	44.1[3]		1.9[2]	17.2[3]	53.7[4]		3.1[3]	19.2[3]	60.0[4]	13.1[3]	34.6[3]	84
5.60	300						9.8[3]	20.5[3]	44.4			15.6[3]	29.3[4]	60.3	0.7[3]	17.7[3]	34.1[4]	71	1.4[3]	19.3[3]	36.3	78	30.0[4]	52.9	103
	400						3.2[2]	13.6[3]	36.7[3]			8.1[3]	21.3[3]	51.3[4]		10.0[3]	25.5[3]	61		11.4[3]	27.7[3]	68	21.6[3]	43.3[4]	92
	600							1.1[2]	22.8[3]				7.0[2]	35.1[3]			10.1[2]	43.4[3]			12.1[3]	49.3[3]	6.4[2]	26.1[3]	72.4[4]
6.00	300						6.6[2]	16.9[3]	39.9[4]			11.5[3]	24.1[3]	52.9[4]		13.5[3]	28.6[3]	63		15.0[3]	31.0[4]	70	24.9[3]	46.2	93
	400							9.4[2]	31.5[3]			3.8[2]	15.8[3]	43.5[3]		5.5[2]	19.6[3]	52.3[3]		6.7[2]	21.8[3]	58.7[4]	16.0[3]	36.1[3]	82
	600								16.6[2]				1.2[2]	26.7[2]			3.7[2]	33.8[3]			5.4[2]	39.2[3]	0.2[2]	18.0[3]	60.5[3]

3.5 kPa Factored Lateral Load

Wall Height (m)	Stud Spacing (mm)	800S125			800S162					800S200					800S250				800S300				800S350		
		230 MPa		345 MPa	230 MPa		345 MPa			230 MPa		345 MPa			230 MPa	345 MPa			230 MPa	345 MPa			345 MPa		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
2.40	300	3	6.4	11.1	10.0	16.3	30.0	41.8	67.5	13.1	22.7	43.7	60.0	97	25.2	46.4	69.2	120	25.9	48.5	71.1	131	63.3	94	159
	400	1.5	4.9	10	8.0	14.4	28.3	40.1	65.9	11.1	20.5	41.5	57.9	94	22.9	44.2	66.9	117	23.7	46.3	68.8	129	61.0	92	157
	600		2	7.8	4.2	10.7	24.9	36.7	62.5	7.0	16.1	37.2	53.7	90	18.4	39.9	62.3	113	19.2	42.0	64.3	123	56.5	87	152
2.80	300	1.3	4.8	9.8	7.8	14.2	28.0	39.8	65.6	10.8	20.2	41.1	57.5	94	22.5	43.6	66.2	116	23.3	45.7	67.9	127	60.6	91	155
	400		2.8	8.3	5.2	11.6	25.7	37.5	63.2	8.1	17.2	38.1	54.6	91	19.4	40.6	63.0	113	20.2	42.7	64.8	123	57.5	87	152
	600			5.4	0.1	6.6	21.0	32.9	58.7	2.6	11.4	32.3	48.8	85	13.4	34.8	56.7	106	14.2	36.8	58.6	116	51.3	81	145
3.20	300		2.9	8.4	5.4	11.7	25.7	37.5	63.2	8.2	17.3	38.1	54.5	91	19.4	40.3	62.5	112	20.2	42.3	64.1	121	56.8	86	150
	400		0.4	6.5	2.0	8.5	22.6	34.4	60.1	4.7	13.5	34.2	50.7	87	15.5	36.5	58.4	107	16.3	38.4	60.0	117	52.7	82	145
	600			2.7		2.1	16.6	28.4	54.1		6.1	26.7	43.1	79	7.8	29.0	50.2	98	8.6	30.8	52.0	108	44.7	73	136
3.60	300		0.9	6.8	2.7	9.0	23.0	34.8	60.4	5.3	14.1	34.7	51.0	87	16.0	36.5	58.2	106	16.8	38.4	59.7	115	52.4	81.2	143
	400			4.4		5.0	19.2	30.9	56.5	1.0	9.4	29.8	46.1	82	11.1	31.8	53.0	101	11.9	33.6	54.6	109	47.3	75.6	137
	600						11.7[4]	23.4	48.9		0.4[4]	20.5	36.7	73	1.8	22.5	42.9	90	2.6	24.3	44.7	98	37.5	64.9	125
4.00	300			5.1		6.1	20.1	31.7	57.2	2.2	10.5	30.7	47.0	83	12.3	32.3	53.3	100	13.1	34.2	54.7	108	47.5	75.4	135
	400			2.2[3]		1.3[4]	15.4	27.0	52.4		5.0[4]	24.9	41.1	77	6.5	26.6	47.0	93	7.3	28.4	48.6	101	41.4	68.7	128
	600						6.6[3]	18.0[4]	43.1			13.8[3]	29.8	65		15.8[4]	35.0	80		17.4[4]	36.8	87	29.8	55.8	114
4.40	300			3.2[3]		3.0[4]	16.8	28.3	53.6		6.8[4]	26.1	42.0	78	8.4	27.8	47.7	92	9.2	29.6	49.3	100	42.3	69.0	127
	400						11.4[3]	22.8[4]	47.8		0.5[3]	19.3[4]	35.1	71	1.8[4]	21.2	40.3	84	2.6[4]	22.9	42.1	91	35.2	61.1	118
	600						1.3[3]	12.4[3]	36.7[4]			7.0[3]	22.1[3]	57		8.9[3]	26.6[4]	69		10.4[3]	28.6[4]	75	21.8[4]	46.3	101
4.80	300			1.2[3]			13.4[3]	24.7	49.5		3.0[3]	21.2[4]	36.5	71	4.4[4]	23.1	41.7	84	5.2[4]	24.8	43.6	91	36.8	62.2	117
	400						7.3[3]	18.3[3]	42.7			13.8[3]	28.7[4]	63		15.7[3]	33.5[4]	75		17.3[3]	35.4	82	28.8[4]	53.2	107
	600							6.6[3]	30.1[3]			0.4[2]	14.5[3]	46.8[3]		2.3[3]	18.3[3]	57.1[4]		3.5[3]	20.3[3]	64	14.0[3]	36.6[4]	89
5.20	300						9.9[3]	20.9[3]	45.1			16.4[3]	30.8[4]	63.5	0.5[3]	18.4[3]	35.6	75	1.3[3]	20.0[4]	37.7	82	31.2	55.1	108
	400						3.1[2]	13.8[3]	37.4[3]			8.5[3]	22.4[3]	54.1[4]		10.4[3]	26.7[3]	65		11.8[3]	28.7[4]	71	22.4[3]	45.2	96
	600							0.9[2]	23.2[3]				7.2[2]	37.0[3]			10.5[3]	45.9[3]			12.4[3]	51.9[3]	6.5[3]	27.2[3]	75.7[4]
5.60	300						6.4[3]	17.0[3]	40.4[4]			11.8[3]	25.2[3]	55.7		13.8[3]	29.7[4]	66		15.3[3]	31.9[4]	73	25.7[3]	48.0	98
	400							9.2[2]	31.8[3]			3.5[2]	16.3[3]	45.6[3]		5.3[2]	20.1[3]	55.1[4]		6.5[3]	22.3[3]	61.4[4]	16.3[3]	37.3[3]	85
	600								16.4[2]				0.5[2]	27.7[3]			3.1[2]	35.3[3]			4.9[2]	40.7[3]		18.1[3]	63.2[3]
6.00	300						3.0[2]	13.1[3]	35.6[3]			7.5[2]	19.8[3]	48.1[3]		9.4[3]	24.0[3]	57.4[4]		10.7[3]	26.3[3]	64	20.4[3]	41.0[4]	87
	400							4.7[2]	26.3[3]				10.7[2]	37.6[3]		0.6[2]	14.0[3]	45.9[3]		1.6[2]	16.0[3]	51.8[3]	10.5[3]	29.7[3]	74.2[4]
	600								9.8[2]					19.1[2]				25.5[2]				30.3[3]		9.8[2]	50.9[3]

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

Floor Joist Load Table Notes

Table Notes

1. Load valuess are based on continuous support of the compression flange over the full length of joist and the tension flange is laterally braced at a maximum spacing of 2.44 m.
2. Joists must be braced against rotation at all supports.
3. End shear and web crippling resistances are not reduced for punchouts.
4. End web crippling check is based on a 89 mm bearing length. Where load values are followed by (*), web stiffeners are required at end supports.

Bridging Recommendations

Bracing components shall be designed based on Section C2 of S136-16 with the minimum required number of rows as shown below. Additional bridging rows may be required by design.

Span(m)	Minimum Number of Rows
Up to 4.88	1 at mid span
4.88 to 7.32	2 at 1/3 point
7.32 to 9.75	3 at 1/4 point
9.75 to 12.2	4 at 1/5 point

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		600S162-43			600S162-54			600S162-68			600S162-97			600S200-43			600S200-54			600S200-68			600S200-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
2.40	Strength	10.2*	7.6*	5.1*	18.1*	13.6*	9.0*		18.3*	12.2*			18.7	11.7*	8.7*	5.8*	20.7*	15.5*	10.3*		20.9*	13.9*			21.6*
	L/360	10.1	7.5	5.0	12.4	9.3	6.2		11.5	7.7			10.4	11.7	8.7	5.8	14.4	10.8	7.2		13.4	8.9			12.2
2.80	Strength	7.5	5.6	3.7	13.3*	10.0*	6.6*	17.9	13.5	9.0		20.6	13.7	8.6*	6.4*	4.3*	15.2*	11.4*	7.6*	20.5*	15.4*	10.2*		23.8	15.9
	L/360	6.3	4.8	3.2	7.80	5.9	3.9	9.6	7.2	4.8		9.8	6.6	7.3	5.5	3.7	9.1	6.8	4.5	11.2	8.4	5.6		11.5	7.7
3.20	Strength	5.7	4.3	2.9	10.2	7.6	5.1	13.7	10.3	6.9	21.0	15.8	10.5	6.6	4.9	3.3	11.6*	8.7*	5.8*	15.7	11.8	7.8		18.2	12.2
	L/360	4.2	3.2	2.1	5.2	3.9	2.6	6.5	4.8	3.2	8.8	6.6	4.4	4.9	3.7	2.5	6.1	4.6	3.0	7.5	5.6	3.8		7.7	5.1
3.60	Strength	4.5	3.4	2.3	8.0	6.0	4.0	10.9	8.1	5.4	16.6	12.4	8.3	5.2	3.9	2.6	9.2	6.9	4.6	12.4	9.3	6.2	19.2	14.4	9.6
	L/360	3.0	2.2	1.5	3.7	2.8	1.8	4.5	3.4	2.3	6.2	4.6	3.1	3.5	2.6	1.7	4.3	3.2	2.1	5.3	4.0	2.6	7.2	5.4	3.6
4.00	Strength	3.7	2.8	1.8	6.5	4.9	3.3	8.8	6.6	4.4	13.4	10.1	6.7	4.2	3.1	2.1	7.4	5.6	3.7	10.0	7.5	5.0	15.6	11.7	7.8
	L/360	2.2	1.6	1.1	2.7	2.0	1.3	3.3	2.5	1.7	4.5	3.4	2.3	2.5	1.9	1.3	3.1	2.3	1.6	3.8	2.9	1.9	5.3	4.0	2.6
4.40	Strength	3.0	2.3	1.5	5.4	4.0	2.7	7.3	5.5	3.6	11.1	8.3	5.6	3.5	2.6	1.7	6.1	4.6	3.1	8.3	6.2	4.1	12.9	9.6	6.4
	L/360	1.6	1.2	0.8	2.0	1.5	1.0	2.5	1.9	1.2	3.4	2.5	1.7	1.9	1.4	0.9	2.3	1.8	1.2	2.9	2.2	1.4	4.0	3.0	2.0
4.80	Strength	2.5	1.9	1.3	4.5	3.4	2.3	6.1	4.6	3.1	9.3	7.0	4.7	2.9	2.2	1.5	5.2	3.9	2.6	7.0	5.2	3.5	10.8	8.1	5.4
	L/360	1.3	0.9	0.6	1.6	1.2	0.8	1.9	1.4	1.0	2.6	2.0	1.3	1.5	1.1	0.7	1.8	1.4	0.9	2.2	1.7	1.1	3.0	2.3	1.5
5.20	Strength	2.2	1.6	1.1	3.9	2.9	1.9	5.2	3.9	2.6	8.0	6.0	4.0	2.5	1.9	1.2	4.4	3.3	2.2	5.9	4.5	3.0	9.2	6.9	4.6
	L/360	1.0	0.7	0.5	1.2	0.9	0.6	1.5	1.1	0.8	2.1	1.5	1.0	1.1	0.9	0.6	1.4	1.1	0.7	1.8	1.3	0.9	2.4	1.8	1.2
5.60	Strength	1.9	1.4		3.3	2.5	1.7	4.5	3.4	2.2	6.9	5.1	3.4	2.1	1.6		3.8	2.8	1.9	5.1	3.8	2.6	7.9	6.0	4.0
	L/360	0.8	0.6		1.0	0.7	0.5	1.2	0.9	0.6	1.6	1.2	0.8	0.9	0.7		1.1	0.9	0.6	1.4	1.1	0.7	1.9	1.4	1.0
6.00	Strength	1.6	1.2		2.9	2.2		3.9	2.9	2.0	6.0	4.5	3.0	1.9	1.4		3.3	2.5		4.5	3.3	2.2	6.9	5.2	3.5
	L/360	0.6	0.5		0.8	0.6		1.0	0.7	0.5	1.3	1.0	0.7	0.7	0.6		0.9	0.7		1.1	0.9	0.6	1.6	1.2	0.8
6.40	Strength	1.4			2.5	1.9		3.4	2.6		5.3	3.9	2.6	1.6			2.9	2.2		3.9	2.9		6.1	4.6	3.0
	L/360	0.5			0.7	0.5		0.8	0.6		1.1	0.8	0.5	0.6			0.8	0.6		0.9	0.7		1.3	1.0	0.6
6.80	Strength				2.3			3.0	2.3		4.7	3.5		1.5			2.6			3.5	2.6		5.4	4.0	2.7
	L/360				0.5			0.7	0.5		0.9	0.7		0.5			0.6			0.8	0.6		1.1	0.8	0.5
7.20	Strength							2.7			4.1	3.1					2.3			3.1	2.3		4.8	3.6	
	L/360							0.6			0.8	0.6					0.5			0.7	0.5		0.9	0.7	
7.60	Strength							2.4			3.7	2.8								2.8			4.3	3.2	
	L/360							0.5			0.7	0.5								0.6			0.8	0.6	
8.00	Strength										3.4									2.5			3.9	2.9	
	L/360										0.6									0.5			0.7	0.5	
8.40	Strength										3												3.5		
	L/360										0.5												0.6		
8.80	Strength																						3.2		
	L/360																						0.5		
9.20	Strength																								
	L/360																								

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		600S250-43			600S250-54			600S250-68			600S250-97			600S300-43			600S300-54			600S300-68			600S300-97			600S350-54			600S350-68			600S350-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
2.40	**Strength**	12.3*	9.3*	6.2*	21.7*	16.3*	10.9*		22.1*	14.7*			23.2*	12.8*	9.6*	6.4*	22.4*	16.8*	11.2*		22.9*	15.3*					20.8*	13.9*			18.9*			
	L/360	13.3	10	6.7	15.9	11.9	8		15.2	10.1			14.1	14.3	10.8	7.2	17.1	12.8	8.6		16.5	11.0					15.2	10.1			13.2			
2.80	**Strength**	9.1*	6.8*	4.5*	15.9*	12.0*	8.0*	21.6*	16.2*	10.8*			17.0	9.4*	7.0*	4.7*	16.5*	12.4*	8.2*	22.5*	16.9*	11.2*			17.9*	20.4*	15.3*	10.2*		20.8*	13.9*			21.9*
	L/360	8.4	6.3	4.2	10.00	7.5	5	12.8	9.6	6.4			8.9	9.0	6.8	4.5	10.80	8.1	5.4	13.9	10.4	6.9			9.9	12.7	9.6	6.4		12.5	8.3			11.8
3.20	**Strength**	6.9	5.2	3.5	12.2*	9.2*	6.1*	16.6	12.4	8.3		19.6	13.0	7.2	5.4	3.6	12.6*	9.5*	6.3*	17.2*	12.9*	8.6*		20.6	13.7	15.6*	11.7*	7.8*	21.2*	15.9*	10.6*			16.8*
	L/360	5.6	4.2	2.8	6.7	5.0	3.4	8.6	6.4	4.3		8.9	6.0	6.0	4.5	3	7.2	5.4	3.6	9.3	7.0	4.6		10.0	6.6	8.5	6.4	4.3	11.1	8.4	5.6			7.9
3.60	**Strength**	5.5	4.1	2.7	9.6	7.2	4.8	13.1	9.8	6.5	20.6	15.5	10.3	5.7	4.3	2.8	10.0*	7.5*	5.0*	13.6	10.2	6.8	21.7	16.3	10.8	12.3*	9.2*	6.2*	16.8*	12.6*	8.4*		19.9	13.3
	L/360	3.9	3	2	4.7	3.5	2.4	6	4.5	3.0	8.4	6.3	4.2	4.2	3.2	2.1	5.1	3.8	2.5	6.5	4.9	3.3	9.3	7.0	4.7	6.0	4.5	3	7.8	5.9	3.9		8.3	5.6
4.00	**Strength**	4.4	3.3	2.2	7.8	5.9	3.9	10.6	8.0	5.3	16.7	12.5	8.4	4.6	3.4	2.3	8.1	6.1	4	11	8.3	5.5	17.6	13.2	8.8	10.0*	7.5*	5.0*	13.6*	10.2*	6.8*	22	16.1	10.7
	L/360	2.9	2.2	1.4	3.4	2.6	1.7	4.4	3.3	2.2	6.1	4.6	3.0	3.1	2.3	1.5	3.7	2.8	1.8	4.8	3.6	2.4	6.8	5.1	3.4	4.4	3.3	2.2	5.7	4.3	2.9	8.1	6.1	4.1
4.40	**Strength**	3.7	2.8	1.8	6.5	4.8	3.2	8.8	6.6	4.4	13.8	10.4	6.9	3.8	2.8	1.9	6.7	5.0	3.3	9.1	6.8	4.6	14.5	10.9	7.3	8.2*	6.2*	4.1*	11.2	8.4	5.6	18	13.3	8.9
	L/360	2.2	1.6	1.1	2.6	1.9	1.3	3.3	2.5	1.6	4.6	3.4	2.3	2.3	1.7	1.2	2.8	2.1	1.4	3.6	2.7	1.8	5.1	3.8	2.6	3.3	2.5	1.6	4.3	3.2	2.1	6.1	4.6	3.0
4.80	**Strength**	3.1	2.3	1.5	5.4	4.1	2.7	7.4	5.5	3.7	11.6	8.7	5.8	3.2	2.4	1.6	5.6	4.2	2.8	7.6	5.7	3.8	12.2	9.1	6.1	6.9	5.2	3.5	9.4	7.1	4.7	14.9	11.2	7.5
	L/360	1.7	1.2	0.8	2.0	1.5	1	2.5	1.9	1.3	3.5	2.6	1.8	1.8	1.3	0.9	2.1	1.6	1.1	2.8	2.1	1.4	3.9	3.0	2.0	2.5	1.9	1.3	3.3	2.5	1.7	4.7	3.5	2.3
5.20	**Strength**	2.6	2	1.3	4.6	3.5	2.3	6.3	4.7	3.1	9.9	7.4	4.9	2.7	2	1.4	4.8	3.6	2.4	6.5	4.9	3.3	10.4	7.8	5.2	5.9	4.4	3	8.0	6.0	4	13	9.5	6.4
	L/360	1.3	1	0.7	1.6	1.2	0.8	2	1.5	1.0	2.8	2.1	1.4	1.4	1.1	0.7	1.7	1.3	0.8	2.2	1.6	1.1	3.1	2.3	1.5	2.0	1.5	1	2.6	1.9	1.3	3.7	2.8	1.8
5.60	**Strength**	2.3	1.7	1.10	4.0	3.0	2	5.4	4.1	2.7	8.5	6.4	4.3	2.3	1.8	1.20	4.1	3.1	2.1	5.6	4.2	2.8	9.0	6.7	4.5	5.1	3.8	2.50	6.9	5.2	3.5	11	8.2	5.5
	L/360	1.0	0.8	0.5	1.3	0.9	0.6	1.6	1.2	0.8	2.2	1.7	1.1	1.1	0.8	0.6	1.3	1.0	0.7	1.7	1.3	0.9	2.5	1.9	1.2	1.6	1.2	0.8	2.1	1.6	1	3	2.2	1.5
6.00	**Strength**	2.0	1.5		3.5	2.6	1.7	4.7	3.5	2.4	7.4	5.6	3.7	2.0	1.5		3.6	2.7	1.8	4.9	3.7	2.4	7.8	5.9	3.9	4.4	3.3	2.2	6.0	4.5	3	9.5	7.2	4.8
	L/360	0.9	0.6		1.0	0.8	0.5	1.3	1.0	0.6	1.8	1.4	0.9	0.9	0.7		1.1	0.8	0.5	1.4	1.1	0.7	2.0	1.5	1.0	1.3	1	0.6	1.7	1.3	0.8	2.4	1.8	1.2
6.40	**Strength**	1.7	1.3		3.1	2.3		4.1	3.1	2.1	6.5	4.9	3.3	1.8	1.3		3.2	2.4		4.3	3.2	2.2	6.9	5.1	3.4	3.9	2.9	1.9	5.3	4.0	2.7	8.4	6.3	4.2
	L/360	0.7	0.5		0.8	0.6		1.1	0.8	0.5	1.5	1.1	0.7	0.8	0.6		0.9	0.7		1.2	0.9	0.6	1.7	1.2	0.8	1.1	0.8	0.5	1.4	1.0	0.7	2	1.5	1.0
6.80	**Strength**	1.50			2.7	2		3.7	2.8		5.8	4.3	2.9	1.60			2.8	2.1		3.8	2.9	1.9	6.1	4.6	3.0	3.50	2.6		4.7	3.5	2.4	7.4	5.6	3.7
	L/360	0.60			0.7	0.5		0.9	0.7		1.2	0.9	0.6	0.60			0.8	0.6		1	0.7	0.5	1.4	1.0	0.7	0.90	0.7		1.2	0.9	0.6	1.6	1.2	0.8
7.20	**Strength**	1.40			2.40			3.3	2.5		5.2	3.9	2.6	1.40			2.50			3.4	2.5		5.4	4.1	2.7	3.10	2.3		4.20	3.1	2.1	6.6	5.0	3.3
	L/360	0.50			0.60			0.8	0.6		1.0	0.8	0.5	0.50			0.60			0.8	0.6		1.2	0.9	0.6	0.70	0.6		1.00	0.7	0.5	1.4	1.0	0.7
7.60	**Strength**				2.20			2.9	2.2		4.6	3.5					2.20			3.1	2.3		4.9	3.6	2.4	2.80			3.80	2.8		5.9	4.5	3.0
	L/360				0.50			0.6	0.5		0.9	0.7					0.50			0.7	0.5		1.0	0.7	0.5	0.60			0.80	0.6		1.2	0.9	0.6
8.00	**Strength**							2.7			4.2	3.1								2.8			4.4	3.3		2.5			3.40	2.5		5.4	4.0	2.7
	L/360							0.5			0.8	0.6								0.6			0.9	0.6		0.5			0.70	0.5		1	0.8	0.5
8.40	**Strength**										3.8	2.8								2.5			4	3					3.10			4.9	3.7	
	L/360										0.7	0.5								0.5			0.7	0.6					0.60			0.9	0.7	
8.80	**Strength**										3.5												3.6	2.7					2.8			4.4	3.3	
	L/360										0.6												0.6	0.5					0.5			0.8	0.6	
9.20	**Strength**										3.2												3.3									4.1	3	
	L/360										0.5												0.6									0.7	0.5	

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		800S162-33			800S162-43			800S162-54			800S162-68			800S162-97			800S200-33			800S200-43			800S200-54			800S200-68			800S200-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
2.40	Strength	7.5*	5.6*	3.7*	13.9*	10.4*	6.9*		18.5*	12.3*			16.9*				7.5*	5.6*	3.7*	16.0*	12.0*	8.0*		21.2*	14.1*			19.3*			
	L/360	14.6	11.0	7.3	19.5	14.6	9.7		18.2	12.1			15.3				17.5	13.1	8.7	23.0	17.3	11.5		21.4	14.3			17.7			
2.80	Strength	6.4*	4.8*	3.2*	10.2*	7.6*	5.1*	18.1*	13.6*	9.1*		18.6*	12.4*			19.8*	6.4*	4.8*	3.2*	11.7*	8.8*	5.9*	20.8*	15.6*	10.4*		21.3*	14.2*			22.5*
	L/360	9.2	6.9	4.6	12.3	9.2	6.1	15.2	11.4	7.6		14.5	9.7			13.3	11.0	8.2	5.5	14.5	10.9	7.3	18.0	13.5	9.0		16.7	11.1			15.3
3.20	Strength	5.4*	4.0*	2.7*	7.8*	5.8*	3.9*	13.9*	10.4*	6.9*	19.0*	14.2*	9.5*		22.7*	15.2*	5.6*	4.2*	2.8*	9.0*	6.7*	4.5*	15.9*	11.9*	8.0*	21.7*	16.3*	10.9*			17.2*
	L/360	6.2	4.6	3.1	8.2	6.2	4.1	10.2	7.7	5.1	12.9	9.7	6.5		13.4	8.9	7.4	5.5	3.7	9.7	7.3	4.9	12.1	9.0	6.0	14.9	11.2	7.5			10.3
3.60	Strength	4.3*	3.2*	2.1*	6.2	4.6	3.1	10.9*	8.2*	5.5*	15.0*	11.2*	7.5*		18.0	12.0	4.9*	3.7*	2.5*	7.1*	5.3*	3.5*	12.6*	9.4*	6.3*	17.2*	12.9*	8.6*		20.4*	13.6*
	L/360	4.3	3.2	2.2	5.8	4.3	2.9	7.2	5.4	3.6	9.1	6.8	4.5		9.4	6.3	5.2	3.9	2.6	6.8	5.1	3.4	8.5	6.3	4.2	10.5	7.9	5.2		10.8	7.2
4.00	Strength	3.4*	2.6*	1.7*	5.0	3.7	2.5	8.9*	6.7*	4.4*	12.1	9.1	6.1	19.4	14.5	9.7	4.0*	3.0*	2.0*	5.7*	4.3*	2.9*	10.2*	7.6*	5.1*	13.9*	10.4*	6.9*	22.0	16.5	11.0
	L/360	3.2	2.4	1.6	4.2	3.2	2.1	5.2	3.9	2.6	6.6	5.0	3.3	9.1	6.8	4.6	3.8	2.8	1.9	5.0	3.7	2.5	6.2	4.6	3.1	7.6	5.7	3.8	10.5	7.9	5.3
4.40	Strength	2.8	2.1	1.4	4.1	3.1	2.1	7.3	5.5	3.7	10.0	7.5	5.0	16.0	12.0	8.0	3.3*	2.5*	1.6*	4.7	3.6	2.4	8.4*	6.3*	4.2*	11.5	8.6	5.7	18.2	13.7	9.1
	L/360	2.4	1.8	1.2	3.2	2.4	1.6	3.9	2.9	2.0	5.0	3.7	2.5	6.9	5.1	3.4	2.8	2.1	1.4	3.7	2.8	1.9	4.6	3.5	2.3	5.7	4.3	2.9	7.9	5.9	4.0
4.80	Strength	2.4	1.8	1.2	3.5	2.6	1.7	6.2	4.6	3.1	8.4	6.3	4.2	13.5	10.1	6.7	2.8	2.1	1.4	4.0	3.0	2.0	7.1*	5.3*	3.5*	9.7	7.2	4.8	15.3	11.5	7.6
	L/360	1.8	1.4	0.9	2.4	1.8	1.2	3.0	2.3	1.5	3.8	2.9	1.9	5.3	4.0	2.6	2.2	1.6	1.1	2.9	2.2	1.4	3.6	2.7	1.8	4.4	3.3	2.2	6.1	4.6	3.0
5.20	Strength	2.0	1.5	1.0	3.0	2.2	1.5	5.2	3.9	2.6	7.2	5.4	3.6	11.5	8.6	5.7	2.4	1.8	1.2	3.4	2.5	1.7	6.0	4.5	3.0	8.2	6.2	4.1	13.0	9.8	6.5
	L/360	1.4	1.1	0.7	1.9	1.4	1.0	2.4	1.8	1.2	3.0	2.3	1.5	4.2	3.1	2.1	1.7	1.3	0.9	2.3	1.7	1.1	2.8	2.1	1.4	3.5	2.6	1.7	4.8	3.6	2.4
5.60	Strength	1.8	1.3	0.9	2.5	1.9	1.3	4.5	3.4	2.3	6.2	4.6	3.1	9.9	7.4	4.9	2.0	1.5	1.0	2.9	2.2	1.5	5.2	3.9	2.6	7.1	5.3	3.5	11.2	8.4	5.6
	L/360	1.1	0.9	0.6	1.5	1.2	0.8	1.9	1.4	1.0	2.4	1.8	1.2	3.3	2.5	1.7	1.4	1.0	0.7	1.8	1.4	0.9	2.2	1.7	1.1	2.8	2.1	1.4	3.8	2.9	1.9
6.00	Strength	1.5	1.1		2.2	1.7	1.1	3.9	3.0	2.0	5.4	4.0	2.7	8.6	6.5	4.3	1.8	1.3	0.9	2.6	1.9	1.3	4.5	3.4	2.3	6.2	4.6	3.1	9.8	7.3	4.9
	L/360	0.9	0.7		1.2	0.9	0.6	1.5	1.2	0.8	2.0	1.5	1.0	2.7	2.0	1.4	1.1	0.8	0.6	1.5	1.1	0.7	1.8	1.4	0.9	2.3	1.7	1.1	3.1	2.3	1.6
6.40	Strength	1.3	1.0		1.9	1.5	1.0	3.5	2.6	1.7	4.7	3.6	2.4	7.6	5.7	3.8	1.6	1.2		2.2	1.7	1.1	4.0	3.0	2.0	5.4	4.1	2.7	8.6	6.5	4.3
	L/360	0.8	0.6		1.0	0.8	0.5	1.3	1.0	0.6	1.6	1.2	0.8	2.2	1.7	1.1	0.9	0.7		1.2	0.9	0.6	1.5	1.1	0.8	1.9	1.4	0.9	2.6	1.9	1.3
6.80	Strength	1.2	0.9		1.7	1.3		3.1	2.3	1.5	4.2	3.2	2.1	6.7	5.0	3.4	1.4	1.0		2.0	1.5	1.0	3.5	2.6	1.8	4.8	3.6	2.4	7.6	5.7	3.8
	L/360	0.6	0.5		0.9	0.6		1.1	0.8	0.5	1.3	1.0	0.7	1.9	1.4	0.9	0.8	0.6		1.0	0.8	0.5	1.3	0.9	0.6	1.6	1.2	0.8	2.1	1.6	1.1
7.20	Strength	1.1			1.5	1.2		2.7	2.1		3.7	2.8	1.9	6.0	4.5	3.0	1.2	0.9		1.8	1.3		3.1	2.4	1.6	4.3	3.2	2.1	6.8	5.1	3.4
	L/360	0.5			0.7	0.5		0.9	0.7		1.1	0.9	0.6	1.6	1.2	0.8	0.6	0.5		0.9	0.6		1.1	0.8	0.5	1.3	1.0	0.7	1.8	1.4	0.9
7.60	Strength				1.4			2.5	1.8		3.4	2.5	1.7	5.4	4.0	2.7	1.1			1.6	1.2		2.8	2.1		3.8	2.9	1.9	6.1	4.6	3.1
	L/360				0.6			0.8	0.6		1.0	0.7	0.5	1.3	1.0	0.7	0.6			0.7	0.5		0.9	0.7		1.1	0.8	0.6	1.5	1.2	0.8
8.00	Strength				1.2			2.2	1.7		3.0	2.3		4.8	3.6	2.4				1.4			2.5	1.9		3.5	2.6		5.5	4.1	2.8
	L/360				0.5			0.7	0.5		0.8	0.6		1.1	0.9	0.6				0.6			0.8	0.6		1.0	0.7		1.3	1.0	0.7
8.40	Strength							2.0			2.8	2.1		4.4	3.3	2.2				1.3			2.3	1.7		3.2	2.4		5.0	3.7	2.5
	L/360							0.6			0.7	0.5		1.0	0.7	0.5				0.5			0.7	0.5		0.8	0.6		1.1	0.9	0.6
8.80	Strength							1.8			2.5			4.0	3.0								2.1			2.9	2.2		4.6	3.4	2.3
	L/360							0.5			0.6			0.9	0.6								0.6			0.7	0.5		1.0	0.7	0.5
9.20	Strength										2.3			3.7	2.7								1.9			2.6			4.2	3.1	
	L/360										0.5			0.7	0.6								0.5			0.6			0.9	0.6	

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single SpanLoads (kPa)

Strength - Factored Loads | **L/360 - Specified Loads**

Section		800S250-43			800S250-54			800S250-68			800S250-97			800S300-43			800S300-54			800S300-68			800S300-97			800S350-54			800S350-68			800S350-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
2.40	**Strength**		12.4*	8.3*		22.2*	14.8*			20.3*					12.4*	8.3*			15.2*			21.0*						16.5*						
	L/360		19.5	13		23.4	15.6			19.9					20.8	13.9			16.7			21.4						19.6						
2.80	**Strength**	12.3*	9.3*	6.2*	21.8*	16.3*	10.9*		22.4*	14.9*				12.7*	9.5*	6.3*	22.4*	16.8*	11.2*		23.1*	15.4*					20.8*	13.9*				19.0*			
	L/360	16.4	12.3	8.2	19.6	14.7	9.8		18.8	12.5				17.5	13.1	8.8	21.0	15.7	10.5		20.2	13.5					18.5	12.4				16.1			
3.20	**Strength**	9.4*	7.1*	4.7*	16.7*	12.5*	8.3*	22.9*	17.1*	11.4*			18.4*	9.7*	7.3*	4.9*	17.2*	12.9*	8.6*	23.6*	17.7*	11.8*			19.1*	21.2*	15.9*	10.6*		21.8*	14.5*			23.2*
	L/360	11	8.2	5.5	13.1	9.9	6.6	16.8	12.6	8.4			11.7	11.7	8.8	5.9	14.1	10.5	7.0	18.0	13.5	9.0			12.9	16.6	12.4	8.3		16.2	10.8			15.3
3.60	**Strength**	7.5*	5.6*	3.7*	13.2*	9.9*	6.6*	18.1*	13.5*	9.0*		21.8*	14.5*	7.7*	5.8*	3.8*	13.6*	10.2*	6.8*	18.7*	14.0*	9.3*		22.7*	15.1*	16.8*	12.6*	8.4*	23.0*	17.2*	11.5*			18.4*
	L/360	7.7	5.8	3.8	9.2	6.9	4.6	11.8	8.8	5.9		12.4	8.2	8.2	6.2	4.1	9.9	7.4	4.9	12.7	9.5	6.3		13.6	9.1	11.6	8.7	5.8	15.1	11.4	7.6			10.8
4.00	**Strength**	6.0*	4.5*	3.0*	10.7*	8.0*	5.3*	14.6*	11.0*	7.3*	23.5	17.7	11.8	6.2*	4.7*	3.1*	11.0*	8.2*	5.5*	15.1*	11.3*	7.6*		18.4*	12.2*	13.6*	10.2*	6.8*	18.6*	14.0*	9.3*		22.3*	14.9*
	L/360	5.6	4.2	2.8	6.7	5.0	3.4	8.6	6.4	4.3	12.0	9.0	6.0	6.0	4.5	3.0	7.2	5.4	3.6	9.2	6.9	4.6		9.9	6.6	8.5	6.4	4.2	11.0	8.3	5.5		11.8	7.9
4.40	**Strength**	5	3.7	2.5	8.8*	6.6*	4.4*	12.1*	9.1*	6.0*	19.5	14.6	9.7	5.1*	3.9*	2.6*	9.1*	6.8*	4.5*	12.5*	9.4*	6.2*	20.2	15.2	10.1	11.2*	8.4*	5.6*	15.4*	11.5*	7.7*		18.4*	12.3*
	L/360	4.2	3.2	2.1	5.1	3.8	2.5	6.4	4.8	3.2	9.0	6.8	4.5	4.5	3.4	2.3	5.4	4.1	2.7	6.9	5.2	3.5	10	7.5	5	6.4	4.8	3.2	8.3	6.2	4.1		8.9	5.9
4.80	**Strength**	4.2	3.1	2.1	7.4*	5.6*	3.7*	10.2	7.6	5.1	16.3	12.3	8.2	4.3	3.2	2.2	7.6*	5.7*	3.8*	10.5	7.9	5.3	17	12.7	8.5	9.4*	7.1*	4.7*	12.9*	9.7*	6.5*	20.7*	15.5*	10.3*
	L/360	3.2	2.4	1.6	3.9	2.9	1.9	5.0	3.7	2.5	6.9	5.2	3.5	3.5	2.6	1.7	4.2	3.1	2.1	5.3	4.0	2.7	7.7	5.8	3.8	4.9	3.7	2.5	6.4	4.8	3.2	9.1	6.8	4.5
5.20	**Strength**	3.6	2.7	1.8	6.3	4.7	3.2	8.7	6.5	4.3	13.9	10.4	7.0	3.7	2.8	1.8	6.5	4.9	3.2	8.9	6.7	4.5	14.5	10.9	7.2	8.0*	6.0*	4.0*	11.0*	8.3*	5.5*	17.6	13.2	8.8
	L/360	2.6	1.9	1.3	3.1	2.3	1.5	3.9	2.9	2.0	5.5	4.1	2.7	2.7	2.0	1.4	3.3	2.5	1.6	4.2	3.2	2.1	6.0	4.5	3.0	3.9	2.9	1.9	5.0	3.8	2.5	7.2	5.4	3.6
5.60	**Strength**	3.1	2.3	1.5	5.4	4.1	2.7	7.5	5.6	3.7	12.0	9.0	6.0	3.2	2.4	1.6	5.6	4.2	2.8	7.7	5.8	3.9	12.5	9.4	6.2	6.9*	5.2*	3.5*	9.5*	7.1*	4.7*	15.2	11.4	7.6
	L/360	2	1.5	1	2.5	1.8	1.2	3.1	2.3	1.6	4.4	3.3	2.2	2.2	1.6	1.1	2.6	2.0	1.3	3.4	2.5	1.7	4.8	3.6	2.4	3.1	2.3	1.5	4.0	3.0	2.0	5.7	4.3	2.9
6.00	**Strength**	2.7	2	1.3	4.7	3.6	2.4	6.5	4.9	3.3	10.5	7.8	5.2	2.8	2.1	1.4	4.9	3.7	2.4	6.7	5.0	3.4	10.9	8.2	5.4	6.0*	4.5*	3.0*	8.3	6.2	4.1	13.2	9.9	6.6
	L/360	1.7	1.2	0.8	2.0	1.5	1.0	2.5	1.9	1.3	3.6	2.7	1.8	1.8	1.3	0.9	2.1	1.6	1.1	2.7	2.1	1.4	3.9	2.9	2.0	2.5	1.9	1.3	3.3	2.5	1.6	4.7	3.5	2.3
6.40	**Strength**	2.4	1.8	1.2	4.2	3.1	2.1	5.7	4.3	2.9	9.2	6.9	4.6	2.4	1.8	1.2	4.3	3.2	2.1	5.9	4.4	3.0	9.6	7.2	4.8	5.3	4.0	2.7	7.3	5.5	3.6	11.6	8.7	5.8
	L/360	1.4	1	0.7	1.6	1.2	0.8	2.1	1.6	1.0	2.9	2.2	1.5	1.5	1.1	0.7	1.8	1.3	0.9	2.3	1.7	1.1	3.2	2.4	1.6	2.1	1.6	1.0	2.7	2.0	1.3	3.8	2.9	1.9
6.80	**Strength**	2.1	1.6	1	3.7	2.8	1.8	5.1	3.8	2.5	8.1	6.1	4.1	2.2	1.6	1.1	3.8	2.8	1.9	5.2	3.9	2.6	8.5	6.4	4.2	4.7	3.5	2.3	6.4	4.8	3.2	10.3	7.7	5.1
	L/360	1.1	0.9	0.6	1.4	1.0	0.7	1.7	1.3	0.9	2.4	1.8	1.2	1.2	0.9	0.6	1.5	1.1	0.7	1.9	1.4	0.9	2.7	2.0	1.3	1.7	1.3	0.9	2.2	1.7	1.1	3.2	2.4	1.6
7.20	**Strength**	1.9	1.4	0.9	3.3	2.5	1.6	4.5	3.4	2.3	7.3	5.4	3.6	1.9	1.4	1.0	3.4	2.5	1.7	4.7	3.5	2.3	7.6	5.7	3.8	4.2	3.1	2.1	5.7	4.3	2.9	9.2	6.9	4.6
	L/360	1	0.7	0.5	1.2	0.9	0.6	1.5	1.1	0.7	2.1	1.5	1.0	1.0	0.8	0.5	1.2	0.9	0.6	1.6	1.2	0.8	2.3	1.7	1.1	1.5	1.1	0.7	1.9	1.4	0.9	2.7	2.0	1.3
7.60	**Strength**	1.7	1.3		3.0	2.2	1.5	4.1	3.0	2.0	6.5	4.9	3.3	1.7	1.3		3.0	2.3	1.5	4.2	3.1	2.1	6.8	5.1	3.4	3.8	2.8	1.9	5.2	3.9	2.6	8.2	6.2	4.1
	L/360	0.8	0.6		1.0	0.7	0.5	1.3	0.9	0.6	1.8	1.3	0.9	0.9	0.7		1.0	0.8	0.5	1.3	1.0	0.7	1.9	1.4	1.0	1.2	0.9	0.6	1.6	1.2	0.8	2.3	1.7	1.1
8.00	**Strength**	1.5	1.1		2.7	2.0		3.7	2.7	1.8	5.9	4.4	2.9	1.6	1.2		2.7	2.1		3.8	2.8	1.9	6.1	4.6	3.1	3.4	2.5	1.7	4.7	3.5	2.3	7.4	5.6	3.7
	L/360	0.7	0.5		0.8	0.6		1.1	0.8	0.5	1.5	1.1	0.8	0.8	0.6		0.9	0.7		1.2	0.9	0.6	1.7	1.2	0.8	1.1	0.8	0.5	1.4	1.0	0.7	2.0	1.5	1.0
8.40	**Strength**	1.4			2.4	1.8		3.3	2.5		5.3	4.0	2.7	1.4	1.1		2.5	1.9		3.4	2.6	1.7	5.6	4.2	2.8	3.1	2.3		4.2	3.2	2.1	6.7	5.1	3.4
	L/360	0.6			0.7	0.5		0.9	0.7		1.3	1.0	0.6	0.6	0.5		0.8	0.6		1.0	0.7	0.5	1.4	1.1	0.7	0.9	0.7		1.2	0.9	0.6	1.7	1.3	0.8
8.80	**Strength**	1.2			2.2			3.0	2.3		4.9	3.6	2.4	1.3			2.3	1.7		3.1	2.3		5.1	3.8	2.5	2.8	2.1		3.8	2.9	1.9	6.1	4.6	3.1
	L/360	0.5			0.6			0.8	0.6		1.1	0.8	0.6	0.6			0.7	0.5		0.9	0.7		1.2	0.9	0.6	0.8	0.6		1.0	0.8	0.5	1.5	1.1	0.7
9.20	**Strength**				2.0			2.8	2.1		4.4	3.3	2.2	1.2			2.1			2.9	2.1		4.6	3.5	2.3	2.6	1.9		3.5	2.6		5.6	4.2	2.8
	L/360				0.6			0.7	0.5		1.0	0.7	0.5	0.5			0.6			0.8	0.6		1.1	0.8	0.5	0.7	0.5		0.9	0.7		1.3	1.0	0.6

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		1000S162-54			1000S162-68			1000S162-97			1000S200-54			1000S200-68			1000S200-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
3.20	Strength	17.1*	12.8*	8.6*	23.8*	17.9*	11.9*			19.4*	19.7*	14.7*	9.8*		20.6*	13.8*			22.2*
	L/360	17.1	12.8	8.5	21.9	16.4	10.9			15.6	19.5	14.6	9.8		18.7	12.5			17.7
3.60	Strength	13.5*	10.1*	6.8*	18.8*	14.1*	9.4*		23.0*	15.3*	15.7*	11.8*	7.9*	21.7*	16.3*	10.9*			17.6*
	L/360	12.0	9.0	6.0	15.3	11.5	7.7		16.4	10.9	13.7	10.3	6.9	17.5	13.1	8.8			12.5
4.00	Strength	11.0*	8.2*	5.5*	15.2*	11.4*	7.6*		18.6*	12.4*	12.7*	9.6*	6.4*	17.6*	13.2*	8.8*		21.3*	14.2*
	L/360	8.7	6.6	4.4	11.2	8.4	5.6		11.9	8.0	10.0	7.5	5.0	12.8	9.6	6.4		13.6	9.1
4.40	Strength	9.1*	6.8*	4.5*	12.6*	9.4*	6.3*	20.5	15.4	10.3	10.5*	7.9*	5.3*	14.6*	10.9*	7.3*	23.5*	17.6*	11.7*
	L/360	6.6	4.9	3.3	8.4	6.3	4.2	12.0	9.0	6.0	7.5	5.6	3.8	9.6	7.2	4.8	13.6	10.2	6.8
4.80	Strength	7.6*	5.7*	3.8*	10.6*	7.9*	5.3*	17.3	12.9	8.6	8.9*	6.6*	4.4*	12.2*	9.2*	6.1*	19.7*	14.8*	9.9*
	L/360	5.1	3.8	2.5	6.5	4.9	3.2	9.2	6.9	4.6	5.8	4.3	2.9	7.4	5.5	3.7	10.5	7.9	5.3
5.20	Strength	6.5*	4.9*	3.2*	9.0	6.8	4.5	14.7	11.0	7.4	7.5*	5.7*	3.8*	10.4*	7.8*	5.2*	16.8	12.6	8.4
	L/360	4.0	3.0	2.0	5.1	3.8	2.5	7.3	5.4	3.6	4.6	3.4	2.3	5.8	4.4	2.9	8.3	6.2	4.1
5.60	Strength	5.6	4.2	2.8	7.8	5.8	3.9	12.7	9.5	6.3	6.5*	4.9*	3.3*	9.0*	6.7*	4.5*	14.5	10.9	7.3
	L/360	3.2	2.4	1.6	4.1	3.1	2.0	5.8	4.4	2.9	3.6	2.7	1.8	4.7	3.5	2.3	6.6	5.0	3.3
6.00	Strength	4.9	3.7	2.4	6.8	5.1	3.4	11.0	8.3	5.5	5.7*	4.2*	2.8*	7.8	5.9	3.9	12.6	9.5	6.3
	L/360	2.6	1.9	1.3	3.3	2.5	1.7	4.7	3.5	2.4	3.0	2.2	1.5	3.8	2.8	1.9	5.4	4.0	2.7
6.40	Strength	4.3	3.2	2.1	6.0	4.5	3.0	9.7	7.3	4.9	5.0	3.7	2.5	6.9	5.2	3.4	11.1	8.3	5.6
	L/360	2.1	1.6	1.1	2.7	2.0	1.4	3.9	2.9	1.9	2.4	1.8	1.2	3.1	2.3	1.6	4.4	3.3	2.2
6.80	Strength	3.8	2.8	1.9	5.3	4.0	2.6	8.6	6.5	4.3	4.4	3.3	2.2	6.1	4.6	3.0	9.8	7.4	4.9
	L/360	1.8	1.3	0.9	2.3	1.7	1.1	3.2	2.4	1.6	2.0	1.5	1.0	2.6	1.9	1.3	3.7	2.8	1.8
7.20	Strength	3.4	2.5	1.7	4.7	3.5	2.4	7.7	5.8	3.8	3.9	3.0	2.0	5.4	4.1	2.7	8.8	6.6	4.4
	L/360	1.5	1.1	0.7	1.9	1.4	1.0	2.7	2.0	1.4	1.7	1.3	0.9	2.2	1.6	1.1	3.1	2.3	1.6
7.60	Strength	3.0	2.3	1.5	4.2	3.2	2.1	6.9	5.2	3.4	3.5	2.6	1.8	4.9	3.7	2.4	7.9	5.9	3.9
	L/360	1.3	1.0	0.6	1.6	1.2	0.8	2.3	1.7	1.2	1.5	1.1	0.7	1.9	1.4	0.9	2.6	2.0	1.3
8.00	Strength	2.7	2.1	1.4	3.8	2.9	1.9	6.2	4.7	3.1	3.2	2.4	1.6	4.4	3.3	2.2	7.1	5.3	3.6
	L/360	1.1	0.8	0.5	1.4	1.0	0.7	2.0	1.5	1.0	1.2	0.9	0.6	1.6	1.2	0.8	2.3	1.7	1.1
8.40	Strength	2.5	1.9		3.5	2.6	1.7	5.6	4.2	2.8	2.9	2.2	1.4	4.0	3.0	2.0	6.4	4.8	3.2
	L/360	0.9	0.7		1.2	0.9	0.6	1.7	1.3	0.9	1.1	0.8	0.5	1.4	1.0	0.7	2.0	1.5	1.0
8.80	Strength	2.3	1.7		3.1	2.4	1.6	5.1	3.9	2.6	2.6	2.0		3.6	2.7	1.8	5.9	4.4	2.9
	L/360	0.8	0.6		1.1	0.8	0.5	1.5	1.1	0.7	0.9	0.7		1.2	0.9	0.6	1.7	1.3	0.9
9.20	Strength	2.1	1.6		2.9	2.2		4.7	3.5	2.3	2.4	1.8		3.3	2.5	1.7	5.4	4.0	2.7
	L/360	0.7	0.5		0.9	0.7		1.3	1.0	0.7	0.8	0.6		1.0	0.8	0.5	1.5	1.1	0.7
9.60	Strength	1.9			2.6	2.0		4.3	3.2	2.2	2.2	1.7		3.1	2.3		4.9	3.7	2.5
	L/360	0.6			0.8	0.6		1.2	0.9	0.6	0.7	0.5		0.9	0.7		1.3	1.0	0.7
10.0	Strength	1.8			2.4	1.8		4.0	3.0	2.0	2.0	1.5		2.8	2.1		4.5	3.4	2.3
	L/360	0.6			0.7	0.5		1.0	0.8	0.5	0.6	0.5		0.8	0.6		1.2	0.9	0.6

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		1000S250-54			1000S250-68			1000S250-97			1000S300-54			1000S300-68			1000S300-97			1000S350-54			1000S350-68			1000S350-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
3.20	Strength	19.7*	14.7*	9.8*		21.8*	14.5*			23.7*	19.7*	14.7*	9.8*		22.5*	15.0*					14.7*	9.8*			18.5*			
	L/360	22.4	16.8	11.2		21.4	14.3			20	23.5	17.6	11.8		22.9	15.3					20.8	13.8			18.1			
3.60	Strength	16.6*	12.5*	8.3*	23.0*	17.2*	11.5*			18.7*	17.1*	12.8*	8.6*	23.7*	17.8*	11.9*			19.4*	17.5*	13.1*	8.7*		22.0*	14.6*			23.7*
	L/360	15.7	11.8	7.9	20	15	10			14.1	16.5	12.4	8.3	21.4	16.1	10.7			15.4	19.4	14.6	9.7		19.1	12.7			18.1
4.00	Strength	13.5*	10.1*	6.7*	18.6*	14.0*	9.3*		22.7*	15.2*	13.9*	10.4*	6.9*	19.2*	14.4*	9.6*		23.6*	15.7*	15.7*	11.8*	7.9*	23.7*	17.8*	11.9*			19.2*
	L/360	11.5	8.6	5.7	14.6	10.9	7.3		15.4	10.2	12.0	9.0	6.0	15.6	11.7	7.8		16.8	11.2	14.2	10.6	7.1	18.5	13.9	9.3			13.2
4.40	Strength	11.1*	8.3*	5.6*	15.4*	11.5*	7.7*		18.8*	12.5*	11.5*	8.6*	5.7*	15.9*	11.9*	7.9*		19.5*	13.0*	14.2*	10.7*	7.1*	19.6*	14.7*	9.8*		23.8*	15.9*
	L/360	8.6	6.5	4.3	11.0	8.2	5.5		11.5	7.7	9.0	6.8	4.5	11.7	8.8	5.9		12.6	8.4	10.6	8.0	5.3	13.9	10.4	7.0		14.9	9.9
4.80	Strength	9.3*	7.0*	4.7*	12.9*	9.7*	6.5*	21.1*	15.8*	10.5*	9.6*	7.2*	4.8*	13.3*	10.0*	6.7*	21.8*	16.4*	10.9*	11.9*	9.0*	6.0*	16.5*	12.4*	8.2*		20.0*	13.3*
	L/360	6.6	5	3.3	8.4	6.3	4.2	11.9	8.9	5.9	7.0	5.2	3.5	9.0	6.8	4.5	13.0	9.7	6.5	8.2	6.1	4.1	10.7	8.0	5.4		11.5	7.6
5.20	Strength	8.0*	6.0*	4.0*	11.0*	8.3*	5.5*	17.9	13.5	9.0	8.2*	6.2*	4.1*	11.4*	8.5*	5.7*	18.6*	14.0*	9.3*	10.2*	7.6*	5.1*	14.0*	10.5*	7.0*	22.7*	17.0*	11.4*
	L/360	5.2	3.9	2.6	6.6	5.0	3.3	9.3	7.0	4.7	5.5	4.1	2.7	7.1	5.3	3.6	10.2	7.7	5.1	6.4	4.8	3.2	8.4	6.3	4.2	12.0	9.0	6.0
5.60	Strength	6.9*	5.2*	3.4*	9.5*	7.1*	4.7*	15.5	11.6	7.7	7.1*	5.3*	3.5*	9.8*	7.3*	4.9*	16.0	12.0	8.0	8.8*	6.6*	4.4*	12.1*	9.1*	6.1*	19.6*	14.7*	9.8*
	L/360	4.2	3.1	2.1	5.3	4.0	2.7	7.5	5.6	3.7	4.4	3.3	2.2	5.7	4.3	2.8	8.2	6.1	4.1	5.2	3.9	2.6	6.8	5.1	3.4	9.6	7.2	4.8
6.00	Strength	6.0*	4.5*	3.0*	8.3	6.2	4.1	13.5	10.1	6.7	6.2*	4.6*	3.1*	8.5*	6.4*	4.3*	14.0	10.5	7.0	7.6*	5.7*	3.8*	10.5*	7.9*	5.3*	17.1*	12.8*	8.5*
	L/360	3.4	2.5	1.7	4.3	3.2	2.2	6.1	4.6	3.0	3.6	2.7	1.8	4.6	3.5	2.3	6.6	5.0	3.3	4.2	3.1	2.1	5.5	4.1	2.7	7.8	5.9	3.9
6.40	Strength	5.3*	3.9*	2.6*	7.3	5.5	3.6	11.8	8.9	5.9	5.4*	4.1*	2.7*	7.5	5.6	3.8	12.3	9.2	6.1	6.7*	5.0*	3.4*	9.3*	7.0*	4.6*	15.0*	11.3*	7.5*
	L/360	2.8	2.1	1.4	3.6	2.7	1.8	5.0	3.8	2.5	2.9	2.2	1.5	3.8	2.9	1.9	5.5	4.1	2.7	3.5	2.6	1.7	4.5	3.4	2.3	6.5	4.8	3.2
6.80	Strength	4.7	3.5	2.3	6.4	4.8	3.2	10.5	7.9	5.2	4.8	3.6	2.4	6.6	5.0	3.3	10.9	8.2	5.4	5.9*	4.5*	3.0*	8.2*	6.2*	4.1*	13.3	10.0	6.6
	L/360	2.3	1.7	1.2	3.0	2.2	1.5	4.2	3.1	2.1	2.4	1.8	1.2	3.2	2.4	1.6	4.6	3.4	2.3	2.9	2.2	1.4	3.8	2.8	1.9	5.4	4.0	2.7
7.20	Strength	4.2	3.1	2.1	5.7	4.3	2.9	9.4	7.0	4.7	4.3	3.2	2.1	5.9	4.4	3.0	9.7	7.3	4.9	5.3*	4.0*	2.7*	7.3*	5.5*	3.7*	11.9	8.9	5.9
	L/360	2	1.5	1	2.5	1.9	1.3	3.5	2.6	1.8	2.1	1.5	1.0	2.7	2.0	1.3	3.8	2.9	1.9	2.4	1.8	1.2	3.2	2.4	1.6	4.5	3.4	2.3
7.60	Strength	3.7	2.8	1.9	5.2	3.9	2.6	8.4	6.3	4.2	3.8	2.9	1.9	5.3	4.0	2.7	8.7	6.5	4.4	4.8*	3.6*	2.4*	6.6*	4.9*	3.3*	10.6	8.0	5.3
	L/360	1.7	1.3	0.8	2.1	1.6	1.1	3.0	2.2	1.5	1.8	1.3	0.9	2.3	1.7	1.1	3.3	2.5	1.6	2.1	1.5	1.0	2.7	2.0	1.4	3.9	2.9	1.9
8.00	Strength	3.4	2.5	1.7	4.7	3.5	2.3	7.6	5.7	3.8	3.5	2.6	1.7	4.8	3.6	2.4	7.9	5.9	3.9	4.3*	3.2*	2.1*	5.9	4.4	3.0	9.6	7.2	4.8
	L/360	1.4	1.1	0.7	1.8	1.4	0.9	2.6	1.9	1.3	1.5	1.1	0.8	2.0	1.5	1.0	2.8	2.1	1.4	1.8	1.3	0.9	2.3	1.7	1.2	3.3	2.5	1.7
8.40	Strength	3.1	2.3	1.5	4.2	3.2	2.1	6.9	5.2	3.4	3.1	2.4	1.6	4.4	3.3	2.2	7.1	5.3	3.6	3.9*	2.9*	1.9*	5.4	4.0	2.7	8.7	6.5	4.4
	L/360	1.2	0.9	0.6	1.6	1.2	0.8	2.2	1.7	1.1	1.3	1.0	0.6	1.7	1.3	0.8	2.4	1.8	1.2	1.5	1.1	0.8	2.0	1.5	1.0	2.9	2.1	1.4
8.80	Strength	2.8	2.1	1.4	3.8	2.9	1.9	6.3	4.7	3.1	2.9	2.1	1.4	4.0	3.0	2.0	6.5	4.9	3.2	3.6	2.7	1.8	4.9	3.7	2.5	7.9	6.0	4.0
	L/360	1.1	0.8	0.5	1.4	1.0	0.7	1.9	1.4	1.0	1.1	0.8	0.6	1.5	1.1	0.7	2.1	1.6	1.1	1.3	1.0	0.7	1.7	1.3	0.9	2.5	1.9	1.2
9.20	Strength	2.5	1.9		3.5	2.6	1.8	5.7	4.3	2.9	2.6	2.0	1.3	3.6	2.7	1.8	5.9	4.5	3.0	3.2	2.4	1.6	4.5	3.4	2.2	7.3	5.4	3.6
	L/360	0.9	0.7		1.2	0.9	0.6	1.7	1.3	0.8	1.0	0.7	0.5	1.3	1.0	0.6	1.8	1.4	0.9	1.2	0.9	0.6	1.5	1.1	0.8	2.2	1.6	1.1
9.60	Strength	2.3	1.8		3.2	2.4	1.6	5.3	3.9	2.6	2.4	1.8		3.3	2.5	1.7	5.5	4.1	2.7	3.0	2.2	1.5	4.1	3.1	2.1	6.7	5.0	3.3
	L/360	0.8	0.6		1.1	0.8	0.5	1.5	1.1	0.7	0.9	0.7		1.1	0.8	0.6	1.6	1.2	0.8	1.0	0.8	0.5	1.3	1.0	0.7	1.9	1.4	1.0
10.0	Strength	2.2	1.6		3.0	2.2		4.9	3.6	2.4	2.2	1.7		3.1	2.3	1.5	5.0	3.8	2.5	2.8	2.1		3.8	2.8	1.9	6.1	4.6	3.1
	L/360	0.7	0.5		0.9	0.7		1.3	1.0	0.7	0.8	0.6		1.0	0.7	0.5	1.4	1.1	0.7	0.9	0.7		1.2	0.9	0.6	1.7	1.3	0.8

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads | **L/360 - Specified Loads**

Section		1200S162-54			1200S162-68			1200S162-97			1200S200-68			1200S200-97			1200S250-68			1200S250-97			1200S300-68			1200S300-97			1200S350-54			1200S350-68			1200S350-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
4.00	Strength	12.7*	9.5*	6.4*	17.9*	13.4*	9.0*		22.5*	15.0*	20.9*	15.7*	10.5*			17.3*	22.4*	16.8*	11.2*			18.5*		17.4*	11.6*			19.3*	13.0*	9.8*	6.5*		19.7*	13.1*			23.4*
	L/360	13.3	10.0	6.6	17.1	12.9	8.6		18.7	12.5	19.4	14.6	9.7			14.1	21.5	16.1	10.7			15.8		18.1	12.1			17.4	20.9	15.6	10.4		21.4	14.2			20.3
4.40	Strength	10.5*	7.9*	5.3*	14.8*	11.1*	7.4*		18.6*	12.4*	17.3*	13.0*	8.6*		21.5*	14.3*	18.5*	13.9*	9.3*		22.9*	15.3*	19.1*	14.4*	9.6*		23.9*	16.0*	11.9*	8.9*	5.9*	23.7*	17.7*	11.8*			19.4*
	L/360	10	7.5	5	12.9	9.7	6.4		14.1	9.4	14.6	11.0	7.3		15.9	10.6	16.2	12.1	8.1		17.8	11.9	18.2	13.6	9.1		19.6	13.0	15.7	11.8	7.8	21.4	16.0	10.7			15.3
4.80	Strength	8.8*	6.6*	4.4*	12.4*	9.3*	6.2*	20.8*	15.6*	10.4*	14.5*	10.9*	7.3*		18.0*	12.0*	15.6*	11.7*	7.8*		19.2*	12.8*	16.1*	12.1*	8.0*		20.1*	13.4*	10.9*	8.2*	5.4*	19.9*	14.9*	9.9*			16.3*
	L/360	7.7	5.8	3.8	9.9	7.4	5.0	14.5	10.8	7.2	11.2	8.4	5.6		12.3	8.2	12.4	9.3	6.2		13.7	9.1	14.0	10.5	7.0		15.1	10.0	12.1	9.1	6.0	16.5	12.4	8.2			11.8
5.20	Strength	7.5*	5.6*	3.8*	10.6*	8.0*	5.3*	17.7*	13.3*	8.9*	12.4*	9.3*	6.2*	20.5*	15.4*	10.3*	13.3*	9.9*	6.6*	21.8*	16.4*	10.9*	13.7*	10.3*	6.9*	22.8*	17.1*	11.4*	10.0*	7.5*	5.0*	16.9*	12.7*	8.5*		20.8*	13.9*
	L/360	6	4.5	3	7.8	5.9	3.9	11.4	8.5	5.7	8.8	6.6	4.4	12.8	9.6	6.4	9.8	7.3	4.9	14.4	10.8	7.2	11.0	8.3	5.5	15.8	11.9	7.9	9.5	7.1	4.7	13.0	9.7	6.5		13.9	9.2
5.60	Strength	6.5*	4.9*	3.2*	9.1*	6.9*	4.6*	15.3	11.5	7.6	10.7*	8.0*	5.3*	17.7*	13.3*	8.8*	11.4*	8.6*	5.7*	18.8*	14.1*	9.4*	11.8*	8.9*	5.9*	19.7*	14.8*	9.8*	9.3*	7.0*	4.7*	14.6*	11.0*	7.3*	23.9*	17.9*	12.0*
	L/360	4.8	3.6	2.4	6.2	4.7	3.1	9.1	6.8	4.6	7.1	5.3	3.5	10.3	7.7	5.1	7.8	5.9	3.9	11.5	8.6	5.8	8.8	6.6	4.4	12.7	9.5	6.3	7.6	5.7	3.8	10.4	7.8	5.2	14.8	11.1	7.4
6.00	Strength	5.7*	4.2*	2.8*	8.0	6.0	4.0	13.3	10.0	6.7	9.3*	7.0*	4.6*	15.4*	11.5*	7.7*	10.0*	7.5*	5.0*	16.4*	12.3*	8.2*	10.3*	7.7*	5.1*	17.2*	12.9*	8.6*	8.7*	6.5*	4.3*	12.7*	9.5*	6.4*	20.8*	15.6*	10.4*
	L/360	3.9	2.9	2	5.1	3.8	2.5	7.4	5.6	3.7	5.8	4.3	2.9	8.4	6.3	4.2	6.4	4.8	3.2	9.4	7.0	4.7	7.2	5.4	3.6	10.3	7.7	5.1	6.2	4.6	3.1	8.4	6.3	4.2	12.0	9.0	6.0
6.40	Strength	5.0*	3.7*	2.5*	7.0	5.3	3.5	11.7	8.8	5.8	8.2*	6.1*	4.1*	13.5	10.2	6.8	8.8*	6.6*	4.4*	14.4*	10.8*	7.2*	9.0*	6.8*	4.5*	15.1*	11.3*	7.5*	8.1*	6.1*	4.0*	11.2*	8.4*	5.6*	18.3*	13.7*	9.2*
	L/360	3.2	2.4	1.6	4.2	3.1	2.1	6.1	4.6	3.0	4.7	3.6	2.4	6.9	5.2	3.4	5.2	3.9	2.6	7.7	5.8	3.9	5.9	4.4	3.0	8.5	6.4	4.2	5.1	3.8	2.5	7.0	5.2	3.5	9.9	7.4	5.0
6.80	Strength	4.4	3.3	2.2	6.2	4.7	3.1	10.4	7.8	5.2	7.2*	5.4*	3.6*	12.0	9.0	6.0	7.8*	5.8*	3.9*	12.8	9.6	6.4	8.0*	6.0*	4.0*	13.4	10.0	6.7	7.2*	5.4*	3.6*	9.9*	7.4*	5.0*	16.2*	12.2*	8.1*
	L/360	2.7	2	1.4	3.5	2.6	1.7	5.1	3.8	2.5	4.0	3.0	2.0	5.7	4.3	2.9	4.4	3.3	2.2	6.4	4.8	3.2	4.9	3.7	2.5	7.1	5.3	3.5	4.2	3.2	2.1	5.8	4.3	2.9	8.3	6.2	4.1
7.20	Strength	3.9	2.9	2	5.5	4.1	2.8	9.2	6.9	4.6	6.5	4.8	3.2	10.7	8.0	5.3	6.9*	5.2*	3.5*	11.4	8.5	5.7	7.1*	5.4*	3.6*	11.9	8.9	6.0	6.4*	4.8*	3.2*	8.8*	6.6*	4.4*	14.5*	10.9*	7.2*
	L/360	2.3	1.7	1.1	2.9	2.2	1.5	4.3	3.2	2.1	3.3	2.5	1.7	4.8	3.6	2.4	3.7	2.8	1.8	5.4	4.1	2.7	4.1	3.1	2.1	6.0	4.5	3.0	3.6	2.7	1.8	4.9	3.7	2.4	7.0	5.2	3.5
7.60	Strength	3.5	2.6	1.8	5.0	3.7	2.5	8.3	6.2	4.1	5.8	4.3	2.9	9.6	7.2	4.8	6.2	4.7	3.1	10.2	7.7	5.1	6.4*	4.8*	3.2*	10.7	8.0	5.3	5.7*	4.3*	2.9*	7.9*	5.9*	4.0*	13.0*	9.7*	6.5*
	L/360	1.9	1.5	1	2.5	1.9	1.2	3.6	2.7	1.8	2.8	2.1	1.4	4.1	3.1	2.1	3.1	2.4	1.6	4.6	3.5	2.3	3.5	2.6	1.8	5.1	3.8	2.5	3.0	2.3	1.5	4.2	3.1	2.1	5.9	4.4	3.0
8.00	Strength	3.2	2.4	1.6	4.5	3.4	2.2	7.5	5.6	3.7	5.2	3.9	2.6	8.7	6.5	4.3	5.6	4.2	2.8	9.2	6.9	4.6	5.8	4.3	2.9	9.7	7.2	4.8	5.2*	3.9*	2.6*	7.2*	5.4*	3.6*	11.7*	8.8*	5.9*
	L/360	1.7	1.2	0.8	2.1	1.6	1.1	3.1	2.3	1.6	2.4	1.8	1.2	3.5	2.6	1.8	2.7	2.0	1.3	4.0	3.0	2.0	3.0	2.3	1.5	4.3	3.3	2.2	2.6	2.0	1.3	3.6	2.7	1.8	5.1	3.8	2.5
8.40	Strength	2.9	2.2	1.4	4.1	3.0	2.0	6.8	5.1	3.4	4.7	3.6	2.4	7.9	5.9	3.9	5.1	3.8	2.5	8.4	6.3	4.2	5.3	3.9	2.6	8.8	6.6	4.4	4.7*	3.5*	2.3*	6.5*	4.9*	3.2*	10.6	8.0	5.3
	L/360	1.4	1.1	0.7	1.9	1.4	0.9	2.7	2.0	1.3	2.1	1.6	1.0	3.0	2.3	1.5	2.3	1.7	1.2	3.4	2.6	1.7	2.6	2.0	1.3	3.7	2.8	1.9	2.3	1.7	1.1	3.1	2.3	1.5	4.4	3.3	2.2
8.80	Strength	2.6	2	1.3	3.7	2.8	1.9	6.2	4.6	3.1	4.3	3.2	2.2	7.2	5.4	3.6	4.6	3.5	2.3	7.6	5.7	3.8	4.8	3.6	2.4	8.0	6.0	4.0	4.3*	3.2*	2.1*	5.9*	4.4*	3.0*	9.7	7.3	4.8
	L/360	1.2	0.9	0.6	1.6	1.2	0.8	2.3	1.8	1.2	1.8	1.4	0.9	2.7	2.0	1.3	2.0	1.5	1.0	3.0	2.2	1.5	2.3	1.7	1.1	3.3	2.4	1.6	2.0	1.5	1.0	2.7	2.0	1.3	3.8	2.9	1.9
9.20	Strength	2.4	1.8	1.2	3.4	2.5	1.7	5.7	4.2	2.8	4.0	3.0	2.0	6.5	4.9	3.3	4.2	3.2	2.1	7.0	5.2	3.5	4.4	3.3	2.2	7.3	5.5	3.6	3.9*	2.9*	2.0*	5.4*	4.1*	2.7*	8.9	6.6	4.4
	L/360	1.1	0.8	0.5	1.4	1.1	0.7	2.1	1.5	1.0	1.6	1.2	0.8	2.3	1.7	1.2	1.8	1.3	0.9	2.6	1.9	1.3	2.0	1.5	1.0	2.9	2.1	1.4	1.7	1.3	0.9	2.3	1.8	1.2	3.3	2.5	1.7
9.60	Strength	2.2	1.7	1.1	3.1	2.3	1.6	5.2	3.9	2.6	3.6	2.7	1.8	6.0	4.5	3.0	3.9	2.9	1.9	6.4	4.8	3.2	4.0	3.0	2.0	6.7	5.0	3.4	3.6*	2.7*	1.8*	5.0	3.7	2.5	8.1	6.1	4.1
	L/360	1	0.7	0.5	1.2	0.9	0.6	1.8	1.4	0.9	1.4	1.1	0.7	2.0	1.5	1.0	1.6	1.2	0.8	2.3	1.7	1.1	1.7	1.3	0.9	2.5	1.9	1.3	1.5	1.1	0.8	2.1	1.5	1.0	2.9	2.2	1.5
10.0	Strength	2	1.5		2.9	2.2	1.4	4.8	3.6	2.4	3.3	2.5	1.7	5.5	4.2	2.8	3.6	2.7	1.8	5.9	4.4	3.0	3.7	2.8	1.9	6.2	4.6	3.1	3.3*	2.5*	1.7*	4.6	3.4	2.3	7.5	5.6	3.8
	L/360	0.8	0.6		1.1	0.8	0.5	1.6	1.2	0.8	1.2	0.9	0.6	1.8	1.4	0.9	1.4	1.0	0.7	2.0	1.5	1.0	1.5	1.2	0.8	2.2	1.7	1.1	1.3	1.0	0.7	1.8	1.4	0.9	2.6	1.9	1.3
10.4	Strength	1.9	1.4		2.7	2.0	1.3	4.4	3.3	2.2	3.1	2.3	1.5	5.1	3.8	2.6	3.3	2.5	1.7	5.5	4.1	2.7	3.4	2.6	1.7	5.7	4.3	2.9	3.1*	2.3*	1.5*	4.2	3.2	2.1	6.9	5.2	3.5
	L/360	0.8	0.6		1.0	0.7	0.5	1.4	1.1	0.7	1.1	0.8	0.6	1.6	1.2	0.8	1.2	0.9	0.6	1.8	1.3	0.9	1.4	1.0	0.7	2.0	1.5	1.0	1.2	0.9	0.6	1.6	1.2	0.8	2.3	1.7	1.2
10.8	Strength	1.7	1.3		2.5	1.8		4.1	3.1	2.1	2.9	2.2	1.4	4.8	3.6	2.4	3.1	2.3	1.5	5.1	3.8	2.5	3.2	2.4	1.6	5.3	4.0	2.6	2.8	2.1	1.4	3.9	2.9	2.0	6.4	4.8	3.2
	L/360	0.7	0.5		0.9	0.7		1.3	1.0	0.6	1.0	0.7	0.5	1.4	1.1	0.7	1.1	0.8	0.5	1.6	1.2	0.8	1.2	0.9	0.6	1.8	1.3	0.9	1.1	0.8	0.5	1.4	1.1	0.7	2.1	1.5	1.0
11.2	Strength	1.6			2.3	1.7		3.8	2.9	1.9	2.7	2.0		4.4	3.3	2.2	2.9	2.1	1.4	4.7	3.5	2.4	3.0	2.2	1.5	4.9	3.7	2.5	2.6	2.0		3.7	2.7	1.8	6.0	4.5	3.0
	L/360	0.6			0.8	0.6		1.1	0.9	0.6	0.9	0.7		1.3	1.0	0.6	1.0	0.7	0.5	1.4	1.1	0.7	1.1	0.8	0.6	1.6	1.2	0.8	1.0	0.7		1.3	1.0	0.6	1.9	1.4	0.9
11.6	Strength	1.5			2.1	1.6		3.6	2.7	1.8	2.5	1.9		4.1	3.1	2.1	2.7	2.0		4.4	3.3	2.2	2.8	2.1	1.4	4.6	3.4	2.3	2.5	1.8		3.4	2.6	1.7	5.6	4.2	2.8
	L/360	0.5			0.7	0.5		1.0	0.8	0.5	0.8	0.6		1.2	0.9	0.6	0.9	0.7		1.3	1.0	0.6	1.0	0.7	0.5	1.4	1.1	0.7	0.9	0.6		1.2	0.9	0.6	1.7	1.2	0.8

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		1400S162-68			1400S162-97			1400S200-68			1400S200-97			1400S250-68			1400S250-97			1400S300-68			1400S300-97			1400S350-54			1400S350-68			1400S350-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
4.40	**Strength**	16.7*	12.5*	8.3*		21.4*	14.2*	19.8*	14.8*	9.9*			16.6*	20.4*	15.3*	10.2*			17.8*		15.3*	10.2*			18.7*	10.1*	7.6*	5.1*		15.3*	10.2*			22.9*
	L/360	18.4	13.8	9.2		20.4	13.6	20.8	15.6	10.4			15.3	22.9	17.2	11.5			17		18.2	12.1			18.4	21.8	16.3	10.9		22.7	15.1			22.0
4.80	**Strength**	14.0*	10.5*	7.0*	23.9*	17.9*	12.0*	16.6*	12.5*	8.3*		20.9*	13.9*	17.9*	13.4*	9.0*		22.5*	15.0*	18.7*	14.0*	9.3*		23.5*	15.7*	9.3*	7.0*	4.6*	18.7*	14.0*	9.3*			19.2*
	L/360	14.2	10.6	7.1	21	15.7	10.5	16	12	8		17.7	11.8	17.6	13.2	8.8		19.7	13.1	18.6	14	9.3		21.3	14.2	16.8	12.6	8.4	23.3	17.5	11.7			17.0
5.20	**Strength**	11.9*	8.9*	6.0*	20.4*	15.3*	10.2*	14.2*	10.6*	7.1*	23.7*	17.8*	11.9*	15.3*	11.4*	7.6*		19.1*	12.8*	15.9*	12.0*	8.0*		20.1*	13.4*	8.6*	6.4*	4.3*	17.2*	12.9*	8.6*			16.4*
	L/360	11.2	8.4	5.6	16.5	12.4	8.2	12.6	9.5	6.3	18.5	13.9	9.3	13.9	10.4	6.9		15.5	10.3	14.7	11.0	7.3		16.7	11.2	13.2	9.9	6.6	18.3	13.8	9.2			13.4
5.60	**Strength**	10.3*	7.7*	5.1*	17.6*	13.2*	8.8*	12.2*	9.2*	6.1*	20.5*	15.3*	10.2*	13.2*	9.9*	6.6*	22.0*	16.5*	11.0*	13.7*	10.3*	6.9*	23.1*	17.3*	11.5*	8.0*	6.0*	4.0*	16.0*	12.0*	8.0*		21.2*	14.1*
	L/360	8.9	6.7	4.5	13.2	9.9	6.6	10.1	7.6	5.0	14.8	11.1	7.4	11.1	8.3	5.6	16.5	12.4	8.3	11.7	8.8	5.9	17.9	13.4	8.9	10.6	7.9	5.3	14.7	11.0	7.3		16.0	10.7
6.00	**Strength**	9.0*	6.7*	4.5*	15.3*	11.5*	7.7*	10.6*	8.0*	5.3*	17.8*	13.4*	8.9*	11.5*	8.6*	5.7*	19.2*	14.4*	9.6*	12.0*	9.0*	6.0*	20.1*	15.1*	10.0*	7.4*	5.6*	3.7*	14.9*	11.2*	7.4*		18.5*	12.3*
	L/360	7.3	5.4	3.6	10.7	8.1	5.4	8.2	6.2	4.1	12.1	9.0	6.0	9	6.8	4.5	13.4	10.1	6.7	9.5	7.2	4.8	14.5	10.9	7.3	8.6	6.4	4.3	11.9	9.0	6.0		13.0	8.7
6.40	**Strength**	7.9*	5.9*	3.9*	13.5	10.1	6.7	9.3*	7.0*	4.7*	15.7*	11.8*	7.8*	10.1*	7.6*	5.0*	16.8*	12.6*	8.4*	10.5*	7.9*	5.3*	17.7*	13.2*	8.8*	7.0*	5.2*	3.5*	13.1*	9.8*	6.5*	21.6*	16.2*	10.8*
	L/360	6	4.5	3	8.8	6.6	4.4	6.8	5.1	3.4	9.9	7.5	5.0	7.4	5.6	3.7	11.1	8.3	5.5	7.9	5.9	3.9	12.0	9.0	6.0	7.1	5.3	3.5	9.8	7.4	4.9	14.3	10.7	7.2
6.80	**Strength**	7.0*	5.2*	3.5*	11.9	8.9	6.0	8.3*	6.2*	4.1*	13.9*	10.4*	6.9*	8.9*	6.7*	4.5*	14.9*	11.2*	7.5*	9.3*	7.0*	4.7*	15.6*	11.7*	7.8*	6.6*	4.9*	3.3*	11.6*	8.7*	5.8*	19.2*	14.4*	9.6*
	L/360	5	3.7	2.5	7.4	5.5	3.7	5.6	4.2	2.8	8.3	6.2	4.1	6.2	4.7	3.1	9.2	6.9	4.6	6.6	4.9	3.3	10.0	7.5	5.0	5.9	4.4	3.0	8.2	6.2	4.1	11.9	9.0	6.0
7.20	**Strength**	6.2	4.7	3.1	10.6	8.0	5.3	7.4*	5.5*	3.7*	12.4	9.3	6.2	8.0*	6.0*	4.0*	13.3*	10.0*	6.7*	8.3*	6.2*	4.2*	13.9*	10.5*	7.0*	6.2*	4.6*	3.1*	10.3*	7.8*	5.2*	17.1*	12.8*	8.5*
	L/360	4.2	3.2	2.1	6.2	4.7	3.1	4.8	3.6	2.4	7.0	5.2	3.5	5.2	3.9	2.6	7.8	5.8	3.9	5.5	4.1	2.8	8.4	6.3	4.2	5.0	3.7	2.5	6.9	5.2	3.5	10.1	7.5	5.0
7.60	**Strength**	5.6	4.2	2.8	9.5	7.2	4.8	6.6*	5.0*	3.3*	11.1	8.3	5.6	7.1*	5.4*	3.6*	11.9*	9.0*	6.0*	7.5*	5.6*	3.7*	12.5*	9.4*	6.3*	5.9*	4.4*	2.9*	9.3*	7.0*	4.6*	15.3*	11.5*	7.7*
	L/360	3.6	2.7	1.8	5.3	4.0	2.6	4.0	3.0	2.0	5.9	4.5	3.0	4.4	3.3	2.2	6.6	5.0	3.3	4.7	3.5	2.3	7.1	5.4	3.6	4.2	3.2	2.1	5.9	4.4	2.9	8.6	6.4	4.3
8.00	**Strength**	5	3.8	2.5	8.6	6.5	4.3	6.0*	4.5*	3.0*	10.0	7.5	5.0	6.4*	4.8*	3.2*	10.8	8.1	5.4	6.7*	5.0*	3.4*	11.3*	8.5*	5.6*	5.6*	4.2*	2.8*	8.4*	6.3*	4.2*	13.8*	10.4*	6.9*
	L/360	3.1	2.3	1.5	4.5	3.4	2.3	3.5	2.6	1.7	5.1	3.8	2.5	3.8	2.9	1.9	5.7	4.3	2.8	4.0	3.0	2.0	6.1	4.6	3.1	3.6	2.7	1.8	5.0	3.8	2.5	7.3	5.5	3.7
8.40	**Strength**	4.6	3.4	2.3	7.8	5.9	3.9	5.4	4.1	2.7	9.1	6.8	4.5	5.8*	4.4*	2.9*	9.8	7.3	4.9	6.1*	4.6*	3.1*	10.2	7.7	5.1	5.3*	4.0*	2.7*	7.6*	5.7*	3.8*	12.6*	9.4*	6.3*
	L/360	2.6	2	1.3	3.9	2.9	2.0	3.0	2.2	1.5	4.4	3.3	2.2	3.3	2.5	1.6	4.9	3.7	2.4	3.5	2.6	1.7	5.3	4.0	2.6	3.1	2.3	1.6	4.4	3.3	2.2	6.3	4.8	3.2
8.80	**Strength**	4.2	3.1	2.1	7.1	5.3	3.6	4.9	3.7	2.5	8.3	6.2	4.1	5.3*	4.0*	2.7*	8.9	6.7	4.5	5.6*	4.2*	2.8*	9.3	7.0	4.7	5.0*	3.7*	2.5*	6.9*	5.2*	3.5*	11.4*	8.6*	5.7*
	L/360	2.3	1.7	1.2	3.4	2.6	1.7	2.6	2.0	1.3	3.8	2.9	1.9	2.9	2.1	1.4	4.3	3.2	2.1	3.0	2.3	1.5	4.6	3.5	2.3	2.7	2.0	1.4	3.8	2.8	1.9	5.5	4.1	2.8
9.20	**Strength**	3.8	2.9	1.9	6.5	4.9	3.3	4.5	3.4	2.3	7.6	5.7	3.8	4.9	3.7	2.4	8.2	6.1	4.1	5.1*	3.8*	2.5*	8.5	6.4	4.3	4.6*	3.4*	2.3*	6.3*	4.8*	3.2*	10.5*	7.8*	5.2*
	L/360	2	1.5	1	3.0	2.2	1.5	2.3	1.7	1.1	3.3	2.5	1.7	2.5	1.9	1.3	3.7	2.8	1.9	2.6	2.0	1.3	4.0	3.0	2.0	2.4	1.8	1.2	3.3	2.5	1.7	4.8	3.6	2.4
9.60	**Strength**	3.5	2.6	1.7	6.0	4.5	3.0	4.2	3.1	2.1	7.0	5.2	3.5	4.5	3.4	2.2	7.5	5.6	3.7	4.7	3.5	2.3	7.8	5.9	3.9	4.2*	3.1*	2.1*	5.8*	4.4*	2.9*	9.6*	7.2*	4.8*
	L/360	1.8	1.3	0.9	2.6	2.0	1.3	2.0	1.5	1.0	2.9	2.2	1.5	2.2	1.7	1.1	3.3	2.5	1.6	2.3	1.7	1.2	3.5	2.7	1.8	2.1	1.6	1.0	2.9	2.2	1.5	4.2	3.2	2.1
10.0	**Strength**	3.2	2.4	1.6	5.5	4.1	2.8	3.8	2.9	1.9	6.4	4.8	3.2	4.1	3.1	2.1	6.9	5.2	3.4	4.3	3.2	2.2	7.2	5.4	3.6	3.9*	2.9*	1.9*	5.4*	4.0*	2.7*	8.9	6.6	4.4
	L/360	1.6	1.2	0.8	2.3	1.7	1.2	1.8	1.3	0.9	2.6	2.0	1.3	2	1.5	1	2.9	2.2	1.5	2.1	1.5	1.0	3.1	2.4	1.6	1.9	1.4	0.9	2.6	1.9	1.3	3.8	2.8	1.9
10.4	**Strength**	3.0	2.2	1.5	5.1	3.8	2.5	3.5	2.7	1.8	5.9	4.5	3.0	3.8	2.9	1.9	6.4	4.8	3.2	4.0	3.0	2.0	6.7	5.0	3.3	3.6*	2.7*	1.8*	5.0*	3.7*	2.5*	8.2	6.1	4.1
	L/360	1.4	1.0	0.7	2.1	1.5	1.0	1.6	1.2	0.8	2.3	1.7	1.2	1.7	1.3	0.9	2.6	1.9	1.3	1.8	1.4	0.9	2.8	2.1	1.4	1.7	1.2	0.8	2.3	1.7	1.1	3.3	2.5	1.7
10.8	**Strength**	2.8	2.1	1.4	4.7	3.5	2.4	3.3	2.5	1.6	5.5	4.1	2.8	3.5	2.7	1.8	5.9	4.4	3.0	3.7	2.8	1.8	6.2	4.6	3.1	3.3*	2.5*	1.7*	4.6*	3.4*	2.3*	7.6	5.7	3.8
	L/360	1.2	0.9	0.6	1.8	1.4	0.9	1.4	1.1	0.7	2.1	1.6	1.0	1.5	1.2	0.8	2.3	1.7	1.2	1.6	1.2	0.8	2.5	1.9	1.2	1.5	1.1	0.7	2.0	1.5	1.0	3.0	2.2	1.5
11.2	**Strength**	2.6	1.9	1.3	4.4	3.3	2.2	3.1	2.3	1.5	5.1	3.8	2.6	3.3	2.5	1.6	5.5	4.1	2.8	3.4	2.6	1.7	5.8	4.3	2.9	3.1*	2.3*	1.5*	4.3*	3.2*	2.1*	7.1	5.3	3.5
	L/360	1.1	0.8	0.6	1.7	1.2	0.8	1.3	0.9	0.6	1.9	1.4	0.9	1.4	1.0	0.7	2.1	1.5	1.0	1.5	1.1	0.7	2.2	1.7	1.1	1.3	1.0	0.7	1.8	1.4	0.9	2.7	2.0	1.3
11.6	**Strength**	2.4	1.8	1.2	4.1	3.1	2.0	2.8	2.1	1.4	4.8	3.6	2.4	3.1	2.3	1.5	5.1	3.8	2.6	3.2	2.4	1.6	5.4	4.0	2.7	2.9*	2.1*	1.4*	4.0	3.0	2.0	6.6	4.9	3.3
	L/360	1.0	0.8	0.5	1.5	1.1	0.7	1.1	0.9	0.6	1.7	1.3	0.8	1.3	0.9	0.6	1.9	1.4	0.9	1.3	1.0	0.7	2.0	1.5	1.0	1.2	0.9	0.6	1.7	1.2	0.8	2.4	1.8	1.2
12.0	**Strength**	2.2	1.7		3.8	2.9	1.9	2.7	2.0	1.3	4.5	3.3	2.2	2.9	2.1	1.4	4.8	3.6	2.4	3.0	2.2	1.5	5.0	3.8	2.5	2.7*	2.0*	1.3*	3.7	2.8	1.9	6.2	4.6	3.1
	L/360	0.9	0.7		1.3	1.0	0.7	1.0	0.8	0.5	1.5	1.1	0.8	1.1	0.8	0.6	1.7	1.3	0.8	1.2	0.9	0.6	1.8	1.4	0.9	1.1	0.8	0.5	1.5	1.1	0.7	2.2	1.6	1.1
12.4	**Strength**	2.1	1.6		3.6	2.7	1.8	2.5	1.9		4.2	3.1	2.1	2.7	2.0	1.3	4.5	3.4	2.2	2.8	2.1	1.4	4.7	3.5	2.4	2.5*	1.9*	1.3*	3.5	2.6	1.7	5.8	4.3	2.9
	L/360	0.8	0.6		1.2	0.9	0.6	0.9	0.7		1.4	1.0	0.7	1.0	0.8	0.5	1.5	1.1	0.8	1.1	0.8	0.5	1.6	1.2	0.8	1.0	0.7	0.5	1.4	1.0	0.7	2.0	1.5	1.0

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (kPa)

Strength - Factored Loads **L/360 - Specified Loads**

Section		1600S162-68			1600S162-97			1600S200-68			1600S200-97			1600S250-68			1600S250-97			1600S300-68			1600S300-97			1600S350-68			1600S350-97		
Span	Design	Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)			Spacing (mm)		
(m)	Criteria	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
4.40	Strength		13.3*	8.9*			15.9*		13.3*	8.9*			18.6*		13.3*	8.9*			20.2*			8.9*						8.9*			
	L/360		18.8	12.5			18.8		21.2	14.1			21		23.2	15.5			23.3			16.3						19.5			
4.80	Strength	15.4*	11.6*	7.7*		20.0*	13.3*	16.3*	12.2*	8.1*			15.6*	16.3*	12.2*	8.1*			17.0*		12.2*	8.1*		17.9*			12.2*	8.1*			22.0*
	L/360	19.3	14.5	9.7		21.7	14.4	21.8	16.3	10.9			16.2	23.9	17.9	11.9			17.9		18.8	12.6		19.3			22.5	15.0			22.5
5.20	Strength	13.1*	9.9*	6.6*	22.7*	17.0*	11.4*	15.0*	11.3*	7.5*		20.0*	13.3*	15.0*	11.3*	7.5*		21.7*	14.5*	15.0*	11.3*	7.5*		22.9*	15.3*	15.0*	11.3*	7.5*			18.7*
	L/360	15.2	11.4	7.6	22.7	17.0	11.4	17.1	12.8	8.6		19.1	12.7	18.8	14.1	9.4		21.1	14.1	19.8	14.8	9.9		22.8	15.2	23.6	17.7	11.8			17.7
5.60	Strength	11.3*	8.5*	5.7*	19.6*	14.7*	9.8*	13.5*	10.1*	6.7*	23.0*	17.2*	11.5*	13.9*	10.5*	7.0*		18.7*	12.5*	13.9*	10.5*	7.0*		19.7*	13.2*	13.9*	10.5*	7.0*			16.1*
	L/360	12.2	9.1	6.1	18.2	13.6	9.1	13.7	10.3	6.9	20.3	15.3	10.2	15.0	11.3	7.5		16.9	11.3	15.8	11.9	7.9		18.2	12.1	18.9	14.2	9.4			14.2
6.00	Strength	9.9*	7.4*	4.9*	17.1*	12.8*	8.5*	11.7*	8.8*	5.9*	20.0*	15.0*	10.0*	12.8*	9.6*	6.4*	21.8*	16.3*	10.9*	13.0*	9.8*	6.5*	22.9*	17.2*	11.5*	13.0*	9.8*	6.5*		21.1*	14.1*
	L/360	9.9	7.4	4.9	14.8	11.1	7.4	11.1	8.4	5.6	16.5	12.4	8.3	12.2	9.2	6.1	18.3	13.8	9.2	12.9	9.6	6.4	19.8	14.8	9.9	15.3	11.5	7.7		17.3	11.5
6.40	Strength	8.7*	6.5*	4.3*	15.0*	11.3*	7.5*	10.3*	7.7*	5.1*	17.6*	13.2*	8.8*	11.3*	8.4*	5.6*	19.1*	14.3*	9.6*	11.8*	8.9*	5.9*	20.2*	15.1*	10.1*	12.2*	9.2*	6.1*		18.5*	12.4*
	L/360	8.2	6.1	4.1	12.2	9.1	6.1	9.2	6.9	4.6	13.6	10.2	6.8	10.1	7.6	5.0	15.1	11.3	7.6	10.6	7.9	5.3	16.3	12.2	8.1	12.6	9.5	6.3		14.2	9.5
6.80	Strength	7.7*	5.8*	3.8*	13.3*	10.0*	6.6*	9.1*	6.8*	4.6*	15.6*	11.7*	7.8*	10.0*	7.5*	5.0*	16.9*	12.7*	8.5*	10.5*	7.9*	5.2*	17.9*	13.4*	8.9*	11.5*	8.6*	5.7*	21.9*	16.4*	10.9*
	L/360	6.8	5.1	3.4	10.2	7.6	5.1	7.7	5.7	3.8	11.4	8.5	5.7	8.4	6.3	4.2	12.6	9.5	6.3	8.8	6.6	4.4	13.6	10.2	6.8	10.5	7.9	5.3	15.8	11.9	7.9
7.20	Strength	6.9*	5.1*	3.4*	11.9	8.9	5.9	8.1*	6.1*	4.1*	13.9*	10.4*	6.9*	8.9*	6.7*	4.4*	15.1*	11.3*	7.6*	9.4*	7.0*	4.7*	15.9*	11.9*	8.0*	10.8*	8.1*	5.4*	19.5*	14.6*	9.8*
	L/360	5.7	4.3	2.9	8.6	6.4	4.3	6.4	4.8	3.2	9.6	7.2	4.8	7.1	5.3	3.5	10.6	8.0	5.3	7.4	5.6	3.7	11.4	8.6	5.7	8.9	6.7	4.4	13.3	10.0	6.7
7.60	Strength	6.2*	4.6*	3.1*	10.6	8.0	5.3	7.3*	5.5*	3.7*	12.5*	9.4*	6.2*	8.0*	6.0*	4.0*	13.6*	10.2*	6.8*	8.4*	6.3*	4.2*	14.3*	10.7*	7.1*	10.3*	7.7*	5.1*	17.5*	13.1*	8.8*
	L/360	4.9	3.7	2.4	7.3	5.5	3.6	5.5	4.1	2.7	8.1	6.1	4.1	6.0	4.5	3.0	9.0	6.8	4.5	6.3	4.7	3.2	9.7	7.3	4.9	7.6	5.7	3.8	11.3	8.5	5.7
8.00	Strength	5.6	4.2	2.8	9.6	7.2	4.8	6.6*	4.9*	3.3*	11.3*	8.4*	5.6*	7.2*	5.4*	3.6*	12.2*	9.2*	6.1*	7.6*	5.7*	3.8*	12.9*	9.7*	6.4*	9.5*	7.1*	4.8*	15.8*	11.9*	7.9*
	L/360	4.2	3.1	2.1	6.2	4.7	3.1	4.7	3.5	2.4	7.0	5.2	3.5	5.2	3.9	2.6	7.7	5.8	3.9	5.4	4.1	2.7	8.3	6.2	4.2	6.5	4.9	3.2	9.7	7.3	4.9
8.40	Strength	5	3.8	2.5	8.7	6.5	4.4	6.0*	4.5*	3.0*	10.2	7.7	5.1	6.5*	4.9*	3.3*	11.1*	8.3*	5.6*	6.9*	5.2*	3.4*	11.7*	8.8*	5.8*	8.6*	6.5*	4.3*	14.3*	10.8*	7.2*
	L/360	3.6	2.7	1.8	5.4	4.0	2.7	4.1	3.0	2.0	6.0	4.5	3.0	4.5	3.3	2.2	6.7	5.0	3.3	4.7	3.5	2.3	7.2	5.4	3.6	5.6	4.2	2.8	8.4	6.3	4.2
8.80	Strength	4.6	3.4	2.3	7.9	6.0	4.0	5.4*	4.1*	2.7*	9.3	7.0	4.6	6.0*	4.5*	3.0*	10.1*	7.6*	5.1*	6.3*	4.7*	3.1*	10.7*	8.0*	5.3*	7.9*	5.9*	3.9*	13.1*	9.8*	6.5*
	L/360	3.1	2.4	1.6	4.7	3.5	2.3	3.5	2.6	1.8	5.2	3.9	2.6	3.9	2.9	1.9	5.8	4.4	2.9	4.1	3.1	2.0	6.3	4.7	3.1	4.9	3.6	2.4	7.3	5.5	3.7
9.20	Strength	4.2	3.2	2.1	7.3	5.4	3.6	5.0*	3.7*	2.5*	8.5	6.4	4.3	5.4*	4.1*	2.7*	9.3	6.9	4.6	5.7*	4.3*	2.9*	9.8*	7.3*	4.9*	7.2*	5.4*	3.6*	12.0*	9.0*	6.0*
	L/360	2.7	2.1	1.4	4.1	3.1	2.1	3.1	2.3	1.5	4.6	3.4	2.3	3.4	2.5	1.7	5.1	3.8	2.5	3.6	2.7	1.8	5.5	4.1	2.7	4.3	3.2	2.1	6.4	4.8	3.2
9.60	Strength	3.9	2.9	1.9	6.7	5.0	3.3	4.6	3.4	2.3	7.8	5.9	3.9	5.0*	3.8*	2.5*	8.5	6.4	4.2	5.3*	3.9*	2.6*	9.0	6.7	4.5	6.6*	5.0*	3.3*	11.0*	8.2*	5.5*
	L/360	2.4	1.8	1.2	3.6	2.7	1.8	2.7	2.0	1.4	4.0	3.0	2.0	3.0	2.2	1.5	4.5	3.4	2.2	3.1	2.4	1.6	4.8	3.6	2.4	3.7	2.8	1.9	5.6	4.2	2.8
10.0	Strength	3.6	2.7	1.8	6.1	4.6	3.1	4.2	3.2	2.1	7.2	5.4	3.6	4.6*	3.5*	2.3*	7.8	5.9	3.9	4.9*	3.6*	2.4*	8.3	6.2	4.1	6.1*	4.6*	3.0*	10.1*	7.6*	5.1*
	L/360	2.1	1.6	1.1	3.2	2.4	1.6	2.4	1.8	1.2	3.6	2.7	1.8	2.6	2.0	1.3	4.0	3.0	2.0	2.8	2.1	1.4	4.3	3.2	2.1	3.3	2.5	1.7	5.0	3.7	2.5
10.4	Strength	3.3	2.5	1.6	5.7	4.3	2.8	3.9	2.9	1.9	6.7	5.0	3.3	4.3	3.2	2.1	7.2	5.4	3.6	4.5*	3.4*	2.2*	7.6	5.7	3.8	5.6*	4.2*	2.8*	9.4*	7.0*	4.7*
	L/360	1.9	1.4	0.9	2.8	2.1	1.4	2.1	1.6	1.1	3.2	2.4	1.6	2.3	1.8	1.2	3.5	2.6	1.8	2.5	1.9	1.2	3.8	2.8	1.9	2.9	2.2	1.5	4.4	3.3	2.2
10.8	Strength	3.0	2.3	1.5	5.3	4.0	2.6	3.6	2.7	1.8	6.2	4.6	3.1	4.0	3.0	2.0	6.7	5.0	3.4	4.2	3.1	2.1	7.1	5.3	3.5	5.2*	3.9*	2.6*	8.7*	6.5*	4.3*
	L/360	1.7	1.3	0.8	2.5	1.9	1.3	1.9	1.4	1.0	2.8	2.1	1.4	2.1	1.6	1.0	3.1	2.4	1.6	2.2	1.7	1.1	3.4	2.5	1.7	2.6	2.0	1.3	4.0	3.0	2.0
11.2	Strength	2.8	2.1	1.4	4.9	3.7	2.4	3.4	2.5	1.7	5.7	4.3	2.9	3.7	2.8	1.8	6.2	4.7	3.1	3.9	2.9	1.9	6.6	4.9	3.3	4.9*	3.6*	2.4*	8.1*	6.1*	4.0*
	L/360	1.5	1.1	0.8	2.3	1.7	1.1	1.7	1.3	0.9	2.5	1.9	1.3	1.9	1.4	0.9	2.8	2.1	1.4	2.0	1.5	1.0	3.0	2.3	1.5	2.4	1.8	1.2	3.5	2.7	1.8
11.6	Strength	2.6	2.0	1.3	4.6	3.4	2.3	3.1	2.4	1.6	5.4	4.0	2.7	3.4	2.6	1.7	5.8	4.4	2.9	3.6	2.7	1.8	6.1	4.6	3.1	4.5*	3.4*	2.3*	7.5	5.6	3.8
	L/360	1.4	1.0	0.7	2.0	1.5	1.0	1.5	1.2	0.8	2.3	1.7	1.1	1.7	1.3	0.8	2.5	1.9	1.3	1.8	1.3	0.9	2.7	2.0	1.4	2.1	1.6	1.1	3.2	2.4	1.6
12.0	Strength	2.5	1.9	1.2	4.3	3.2	2.1	2.9	2.2	1.5	5.0	3.8	2.5	3.2	2.4	1.6	5.4	4.1	2.7	3.4	2.5	1.7	5.7	4.3	2.9	4.2*	3.2*	2.1*	7.0	5.3	3.5
	L/360	1.2	0.9	0.6	1.8	1.4	0.9	1.4	1.0	0.7	2.1	1.6	1.0	1.5	1.1	0.8	2.3	1.7	1.1	1.6	1.2	0.8	2.5	1.9	1.2	1.9	1.4	1.0	2.9	2.2	1.4
12.4	Strength	2.3	1.7	1.2	4.0	3.0	2.0	2.7	2.1	1.4	4.7	3.5	2.3	3.0	2.2	1.5	5.1	3.8	2.5	3.2	2.4	1.6	5.4	4.0	2.7	4.0*	3.0*	2.0*	6.6	4.9	3.3
	L/360	1.1	0.8	0.6	1.7	1.3	0.8	1.3	0.9	0.6	1.9	1.4	0.9	1.4	1.0	0.7	2.1	1.6	1.0	1.5	1.1	0.7	2.2	1.7	1.1	1.7	1.3	0.9	2.6	2.0	1.3

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 24 kPa and less than 0.5 kPa are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

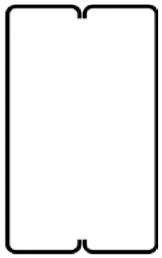
Deflection limit	Factor
L/480	360/480 = 0.75

Header Load Tables

Table Notes

1. Values are for unpunched members and are given in kilo Newtons per meter length.
2. Headers are made from two "boxed" or back to back members.
3. Factored moment, shear and web crippling resistances are based on twice the resistance of a single member. The moment of inertia for deflection is based on twice the value of a single member.
4. Web crippling check is based on 25 mm of bearing at end supports.
5. Members are assumed to be adequately braced for bending.
6. Header loads are for simply supported members subjected to uniform bending loads only.

Back-to-Back Header



Boxed Header

UNIFORM DISTRIBUTED HEADER LOADS (kN/m) - 600S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (MPa)	Span (m)												
			1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0
600S162-33	Strength	230	11.9e	8.9e	6.4e	4.4e	3.3e	2.5e	2.0e	1.6e	1.3e	1.1e	0.9e	0.8e	0.7e
	L/360		36.9	15.6	7.97	4.61	2.91	1.95	1.37	1.00	0.75	0.58	0.45	0.36	0.30
600S162-43	Strength	230	25.5e	14.3e	9.2e	6.4e	4.7e	3.6e	2.8e	2.3e	1.9e	1.6e	1.4e	1.2e	1.0e
	L/360		47.7	20.1	10.3	5.96	3.75	2.51	1.77	1.29	0.97	0.75	0.59	0.47	0.38
600S162-54	Strength	345	45.5e	25.6e	16.4e	11.4e	8.4e	6.4e	5.1e	4.1e	3.4e	2.80	2.40	2.10	1.80
	L/360		58.9	24.9	12.7	7.36	4.64	3.11	2.18	1.59	1.19	0.92	0.72	0.58	0.47
600S162-68	Strength	345	61.6e	34.6e	22.2e	15.4e	11.3e	8.7e	6.8e	5.5e	4.60	3.80	3.30	2.80	2.50
	L/360		72.6	30.6	15.7	9.07	5.71	3.83	2.69	1.96	1.47	1.13	0.89	0.71	0.58
600S162-97	Strength	345	107e	60.2e	38.5e	26.8e	19.7e	15.1e	11.9e	9.60	8.00	6.70	5.70	4.90	4.30
	L/360		98.8	41.7	21.3	12.4	7.78	5.21	3.66	2.67	2.00	1.54	1.21	0.97	0.79
600S200-33	Strength	230	11.9e	8.9e	7.2e	5.1e	3.7e	2.8e	2.2e	1.8e	1.5e	1.3e	1.1e	0.9e	0.8e
	L/360		42.0	17.7	9.08	5.25	3.31	2.22	1.56	1.13	0.85	0.66	0.52	0.41	0.34
600S200-43	Strength	230	26.5e	16.3e	10.4e	7.2e	5.3e	4.1e	3.2e	2.6e	2.2e	1.8e	1.5e	1.3e	1.2e
	L/360		55.3	23.3	11.9	6.91	4.35	2.91	2.05	1.49	1.12	0.86	0.68	0.54	0.44
600S200-54	Strength	345	51.4e	28.9e	18.5e	12.9e	9.4e	7.2e	5.7e	4.6e	3.8e	3.2e	2.7e	2.40	2.10
	L/360		68.4	28.8	14.8	8.54	5.38	3.60	2.53	1.85	1.39	1.07	0.84	0.67	0.55
600S200-68	Strength	345	69.5e	39.1e	25.0e	17.4e	12.8e	9.8e	7.7e	6.3e	5.2e	4.30	3.70	3.20	2.80
	L/360		84.4	35.6	18.2	10.6	6.65	4.45	3.13	2.28	1.71	1.32	1.04	0.83	0.68
600S200-97	Strength	345	122e	68.5e	43.8e	30.4e	22.4e	17.1e	13.5e	11.0e	9.10	7.60	6.50	5.60	4.90
	L/360		116	48.8	25.0	14.5	9.10	6.09	4.28	3.12	2.34	1.81	1.42	1.14	0.92
600S250-33	Strength	230	11.9e	8.9e	7.2e	5.3e	3.9e	3.0e	2.4e	1.9e	1.6e	1.3e	1.1e	1.0e	0.8e
	L/360		46.5	19.6	10.1	5.81	3.66	2.45	1.72	1.26	0.94	0.73	0.57	0.46	0.37
600S250-43	Strength	230	26.5e	17.1e	11.0e	7.6e	5.6e	4.3e	3.4e	2.7e	2.3e	1.9e	1.6e	1.4e	1.2e
	L/360		63.0	26.6	13.6	7.87	4.96	3.32	2.33	1.70	1.28	0.98	0.77	0.62	0.50
600S250-54	Strength	345	52.8e	30.3e	19.4e	13.5e	9.9e	7.6e	6.0e	4.9e	4.0e	3.4e	2.9e	2.50	2.20
	L/360		75.2	31.7	16.2	9.40	5.92	3.97	2.79	2.03	1.53	1.18	0.92	0.74	0.60
600S250-68	Strength	345	73.4e	41.3e	26.4e	18.3e	13.5e	10.3e	8.2e	6.6e	5.5e	4.6e	3.90	3.40	2.90
	L/360		96.0	40.5	20.7	12.0	7.56	5.06	3.56	2.59	1.95	1.50	1.18	0.94	0.77
600S250-97	Strength	345	116e	65.1e	41.7e	28.9e	21.3e	16.3e	12.9e	10.4e	8.60	7.20	6.20	5.30	4.60
	L/360		134	56.4	28.9	16.7	10.5	7.06	4.96	3.61	2.71	2.09	1.64	1.32	1.07
600S300-33	Strength	230	11.9e	8.9e	7.2e	5.4e	4.0e	3.1e	2.4e	2.0e	1.6e	1.4e	1.2e	1.0e	0.9e
	L/360		50.3	21.2	10.9	6.29	3.96	2.65	1.86	1.36	1.02	0.79	0.62	0.49	0.40
600S300-43	Strength	230	26.5e	17.7e	11.3e	7.9e	5.8e	4.4e	3.5e	2.8e	2.3e	2.0e	1.7e	1.4e	1.3e
	L/360		67.8	28.6	14.6	8.47	5.34	3.58	2.51	1.83	1.38	1.06	0.83	0.67	0.54
600S300-54	Strength	345	52.8e	31.3e	20.0e	13.9e	10.2e	7.8e	6.2e	5.0e	4.1e	3.5e	3.0e	2.6e	2.20
	L/360		81.0	34.2	17.5	10.1	6.37	4.27	3.00	2.19	1.64	1.26	0.99	0.80	0.65
600S300-68	Strength	345	76.1e	42.8e	27.4e	19.0e	14.0e	10.7e	8.5e	6.8e	5.7e	4.8e	4.10	3.50	3.00
	L/360		104	43.9	22.5	13.0	8.19	5.48	3.85	2.81	2.11	1.63	1.28	1.02	0.83
600S300-97	Strength	345	122e	68.4e	43.8e	30.4e	22.3e	17.1e	13.5e	10.9e	9.00	7.60	6.50	5.60	4.90
	L/360		149	63.0	32.2	18.7	11.8	7.87	5.53	4.03	3.03	2.33	1.83	1.47	1.19
600S350-54	Strength	345	52.8e	38.6e	24.7e	17.2e	12.6e	9.7e	7.6e	6.2e	5.1e	4.3e	3.7e	3.2e	2.7e
	L/360		95.8	40.4	20.7	12.0	7.54	5.05	3.55	2.59	1.94	1.50	1.18	0.94	0.77
600S350-68	Strength	345	93.3e	52.5e	33.6e	23.3e	17.1e	13.1e	10.4e	8.4e	6.9e	5.8e	5.0e	4.3e	3.7e
	L/360		125	52.7	27.0	15.6	9.83	6.59	4.63	3.37	2.53	1.95	1.53	1.23	1.00
600S350-97	Strength	345	146e	82.0e	52.5e	36.4e	26.8e	20.5e	16.2e	13.1e	10.8e	9.1e	7.80	6.70	5.80
	L/360		178	75.0	38.4	22.2	14.0	9.37	6.58	4.80	3.61	2.78	2.18	1.75	1.42

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (kN/m) - 800S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (MPa)	Span (m)												
			1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0
800S125-33	Strength	230	8.9e	6.6e	5.3e	3.9e	2.8e	2.2e	1.7e	1.4e	1.1e	1.0e	0.8e	0.7e	0.6e
	L/360		53.6	22.6	11.58	6.70	4.22	2.83	1.99	1.45	1.09	0.84	0.66	0.53	0.43
800S125-43	Strength	230	19.7e	13.3e	8.5e	5.9e	4.3e	3.3e	2.6e	2.1e	1.8e	1.5e	1.3e	1.1e	0.90
	L/360		72.6	30.6	15.7	9.08	5.72	3.83	2.69	1.96	1.47	1.13	0.89	0.71	0.58
800S125-54	Strength	345	39.1e	24.5e	15.7e	10.9e	8.0e	6.1e	4.8e	3.9e	3.2e	2.70	2.30	2.00	1.70
	L/360		90.1	38.0	19.5	11.27	7.09	4.75	3.34	2.43	1.83	1.41	1.11	0.89	0.72
800S162-33	Strength	230	8.9e	6.6e	5.3e	4.4e	3.8e	3.3e	2.6e	2.1e	1.8e	1.5e	1.3e	1.1e	0.9e
	L/360		69.2	29.2	14.9	8.64	5.44	3.65	2.56	1.87	1.40	1.08	0.85	0.68	0.55
800S162-43	Strength	230	19.7e	14.7e	11.8e	8.6e	6.3e	4.8e	3.8e	3.1e	2.6e	2.2e	1.8e	1.6e	1.4e
	L/360		92.3	38.9	19.9	11.5	7.26	4.86	3.42	2.49	1.87	1.44	1.13	0.91	0.74
800S162-54	Strength	345	39.1e	29.3e	22.2e	15.4e	11.3e	8.7e	6.8e	5.5e	4.6e	3.9e	3.3e	2.8e	2.5e
	L/360		114.6	48.3	24.75	14.32	9.02	6.04	4.24	3.09	2.32	1.79	1.41	1.13	0.92
800S162-68	Strength	345	78.9e	47.7e	30.5e	21.2e	15.6e	11.9e	9.4e	7.6e	6.3e	5.3e	4.5e	3.9e	3.40
	L/360		145.1	61.2	31.4	18.14	11.42	7.65	5.38	3.92	2.94	2.27	1.78	1.43	1.16
800S162-97	Strength	345	135e	76.1e	48.7e	33.8e	24.9e	19.0e	15.0e	12.2e	10.1e	8.5e	7.20	6.20	5.40
	L/360		200.0	84.4	43.2	25.00	15.75	10.55	7.41	5.40	4.06	3.13	2.46	1.97	1.60
800S200-33	Strength	230	8.9e	6.6e	5.3e	4.4e	3.8e	3.3e	3.0e	2.5e	2.0e	1.7e	1.5e	1.3e	1.1e
	L/360		82.5	34.8	17.8	10.3	6.50	4.35	3.06	2.23	1.67	1.29	1.01	0.81	0.66
800S200-43	Strength	230	19.7e	14.7e	11.8e	9.8e	7.2e	5.5e	4.4e	3.5e	2.9e	2.5e	2.1e	1.8e	1.6e
	L/360		109	46.1	23.6	13.7	8.59	5.76	4.04	2.95	2.21	1.71	1.34	1.07	0.87
800S200-54	Strength	345	39.1e	29.3e	23.5e	17.5e	12.9e	9.9e	7.8e	6.3e	5.2e	4.4e	3.7e	3.2e	2.8e
	L/360		135.4	57.1	29.2	16.92	10.65	7.14	5.01	3.65	2.75	2.11	1.66	1.33	1.08
800S200-68	Strength	345	78.9e	54.0e	34.6e	24.0e	17.6e	13.5e	10.7e	8.6e	7.1e	6.0e	5.1e	4.4e	3.8e
	L/360		167.6	70.7	36.2	20.95	13.20	8.84	6.21	4.53	3.40	2.62	2.06	1.65	1.34
800S200-97	Strength	345	153e	85.9e	54.9e	38.2e	28.0e	21.5e	17.0e	13.7e	11.4e	9.5e	8.1e	7.00	6.10
	L/360		230.7	97.3	49.8	28.84	18.16	12.17	8.54	6.23	4.68	3.60	2.84	2.27	1.85
800S250-43	Strength	230	19.7e	14.7e	11.8e	9.8e	7.6e	5.8e	4.6e	3.7e	3.1e	2.6e	2.2e	1.9e	1.7e
	L/360		122.9	51.9	26.6	15.4	9.68	6.48	4.55	3.32	2.49	1.92	1.51	1.21	0.98
800S250-54	Strength	345	39.1e	29.3e	23.5e	18.4e	13.5e	10.3e	8.2e	6.6e	5.5e	4.6e	3.9e	3.4e	2.9e
	L/360		147	62.1	31.8	18.4	11.6	7.77	5.45	3.98	2.99	2.30	1.81	1.45	1.18
800S250-68	Strength	345	78.9e	56.8e	36.3e	25.2e	18.5e	14.2e	11.2e	9.1e	7.5e	6.3e	5.4e	4.6e	4.0e
	L/360		188.0	79.3	40.6	23.50	14.80	9.92	6.96	5.08	3.81	2.94	2.31	1.85	1.50
800S250-97	Strength	345	162e	91.3e	58.4e	40.6e	29.8e	22.8e	18.0e	14.6e	12.1e	10.1e	8.6e	7.5e	6.50
	L/360		263.4	111.1	56.9	32.92	20.73	13.89	9.75	7.11	5.34	4.12	3.24	2.59	2.11
800S300-43	Strength	230	19.7e	14.7e	11.8e	9.8e	7.8e	6.0e	4.7e	3.8e	3.2e	2.7e	2.3e	2.0e	1.7e
	L/360		131.5	55.5	28.4	16.4	10.35	6.93	4.87	3.55	2.67	2.05	1.62	1.29	1.05
800S300-54	Strength	345	39.1e	29.3e	23.5e	18.9e	13.9e	10.6e	8.4e	6.8e	5.6e	4.7e	4.0e	3.5e	3.0e
	L/360		158	66.5	34.0	19.7	12.40	8.31	5.84	4.25	3.20	2.46	1.94	1.55	1.26
800S300-68	Strength	345	78.9e	58.6e	37.5e	26.0e	19.1e	14.6e	11.6e	9.4e	7.7e	6.5e	5.5e	4.8e	4.2e
	L/360		202	85.3	43.7	25.3	15.9	10.66	7.49	5.46	4.10	3.16	2.48	1.99	1.62
800S300-97	Strength	345	169e	95.0e	60.8e	42.2e	31.0e	23.8e	18.8e	15.2e	12.6e	10.6e	9.0e	7.8e	6.8e
	L/360		290.6	122.6	62.8	36.3	22.87	15.32	10.76	7.85	5.89	4.54	3.57	2.86	2.32
800S350-54	Strength	345	39.1e	29.3e	23.5e	19.5e	16.8e	13.1e	10.4e	8.4e	6.9e	5.8e	5.0e	4.3e	3.7e
	L/360		186	78.3	40.1	23.2	14.61	9.79	6.87	5.01	3.77	2.90	2.28	1.83	1.48
800S350-68	Strength	345	78.9e	59.2e	46.0e	31.9e	23.5e	18.0e	14.2e	11.5e	9.5e	8.0e	6.8e	5.9e	5.1e
	L/360		242	102	52.2	30.2	19.0	12.7	8.95	6.52	4.90	3.78	2.97	2.38	1.93
800S350-97	Strength	345	204e	114.8e	73.5e	51.0e	37.5e	28.7e	22.7e	18.4e	15.2e	12.8e	10.9e	9.4e	8.2e
	L/360		345	145	74.5	43.1	27.1	18.2	12.8	9.31	6.99	5.39	4.24	3.39	2.76

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (kN/m) - 1000S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (MPa)	Span (m)												
			1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0
1000S162-43	Strength	230	15.6e	11.7e	9.4e	7.8e	6.7e	5.9e	4.7e	3.8e	3.1e	2.6e	2.2e	1.9e	1.7e
	L/360		154.0	64.9	33.23	19.23	12.11	8.11	5.70	4.15	3.12	2.40	1.89	1.51	1.23
1000S162-54	Strength	345	31.0e	23.3e	18.6e	15.5e	13.3e	10.7e	8.4e	6.8e	5.6e	4.7e	4.0e	3.5e	3.0e
	L/360		191.5	80.8	41.4	23.94	15.08	10.10	7.09	5.17	3.89	2.99	2.35	1.88	1.53
1000S162-68	Strength	345	62.5e	46.9e	37.5e	26.5e	19.4e	14.9e	11.8e	9.5e	7.9e	6.6e	5.6e	4.9e	4.2e
	L/360		245.2	103.5	53.0	30.65	19.30	12.93	9.08	6.62	4.97	3.83	3.01	2.41	1.96
1000S162-97	Strength	345	174e	97.9e	62.7e	43.5e	32.0e	24.5e	19.3e	15.7e	12.9e	10.9e	9.3e	8.0e	7.0e
	L/360		349.4	147.4	75.5	43.67	27.50	18.43	12.94	9.43	7.09	5.46	4.29	3.44	2.80
1000S200-43	Strength	230	15.6e	11.7e	9.4e	7.8e	6.7e	5.9e	5.2e	4.4e	3.7e	3.1e	2.6e	2.3e	2.0e
	L/360		175.9	74.2	38.0	22.0	13.85	9.28	6.52	4.75	3.57	2.75	2.16	1.73	1.41
1000S200-54	Strength	345	31.0e	23.3e	18.6e	15.5e	13.3e	11.6e	9.7e	7.9e	6.5e	5.5e	4.7e	4.0e	3.5e
	L/360		219.1	92.5	47.33	27.39	17.25	11.56	8.12	5.92	4.45	3.42	2.69	2.16	1.75
1000S200-68	Strength	345	62.5e	46.9e	37.5e	30.3e	22.3e	17.0e	13.5e	10.9e	9.0e	7.6e	6.5e	5.6e	4.8e
	L/360		279.7	118.0	60.4	34.97	22.02	14.75	10.36	7.55	5.67	4.37	3.44	2.75	2.24
1000S200-97	Strength	345	184e	111e	70.9e	49.2e	36.2e	27.7e	21.9e	17.7e	14.6e	12.3e	10.5e	9.0e	7.9e
	L/360		398.2	168.0	86.0	49.77	31.34	21.00	14.75	10.75	8.08	6.22	4.89	3.92	3.19
1000S250-43	Strength	230	15.6e	11.7e	9.4e	7.8e	6.7e	5.9e	5.2e	4.7e	3.9e	3.2e	2.8e	2.4e	2.1e
	L/360		208.6	88.0	45.1	26.1	16.42	11.00	7.73	5.63	4.23	3.26	2.56	2.05	1.67
1000S250-54	Strength	345	31.0e	23.3e	18.6e	15.5e	13.3e	11.6e	10.3e	8.3e	6.9e	5.8e	4.9e	4.2e	3.7e
	L/360		251	105.8	54.1	31.3	19.73	13.22	9.28	6.77	5.08	3.92	3.08	2.47	2.01
1000S250-68	Strength	345	62.5e	46.9e	37.5e	31.3e	23.5e	18.0e	14.2e	11.5e	9.5e	8.0e	6.8e	5.9e	5.1e
	L/360		319.9	135.0	69.1	39.99	25.18	16.87	11.85	8.64	6.49	5.00	3.93	3.15	2.56
1000S250-97	Strength	345	184e	118e	75.3e	52.3e	38.4e	29.4e	23.2e	18.8e	15.6e	13.1e	11.1e	9.6e	8.4e
	L/360		449.5	189.6	97.1	56.19	35.38	23.70	16.65	12.14	9.12	7.02	5.52	4.42	3.60
1000S300-54	Strength	345	31.0e	23.3e	18.6e	15.5e	13.3e	11.6e	10.3e	8.6e	7.1e	5.9e	5.1e	4.4e	3.8e
	L/360		263.0	110.9	56.8	32.87	20.70	13.87	9.74	7.10	5.33	4.11	3.23	2.59	2.10
1000S300-68	Strength	345	62.5e	46.9e	37.5e	31.3e	24.3e	18.6e	14.7e	11.9e	9.8e	8.3e	7.0e	6.1e	5.3e
	L/360		342.0	144.3	73.9	42.8	26.92	18.03	12.67	9.23	6.94	5.34	4.20	3.36	2.74
1000S300-97	Strength	345	184e	122e	78.2e	54.3e	39.9e	30.6e	24.1e	19.6e	16.2e	13.6e	11.6e	10.0e	8.7e
	L/360		492	207.5	106.2	61.5	38.7	25.93	18.21	13.28	9.98	7.68	6.04	4.84	3.93
1000S350-54	Strength	345	31.0e	23.3e	18.6e	15.5e	13.3e	11.6e	10.3e	9.3e	8.5e	7.4e	6.3e	5.4e	4.7e
	L/360		309.8	130.7	66.9	38.72	24.39	16.34	11.47	8.36	6.28	4.84	3.81	3.05	2.48
1000S350-68	Strength	345	62.5e	46.9e	37.5e	31.3e	26.8e	22.9e	18.1e	14.6e	12.1e	10.2e	8.7e	7.5e	6.5e
	L/360		405.9	171.3	87.7	50.74	31.95	21.41	15.03	10.96	8.23	6.34	4.99	3.99	3.25
1000S350-97	Strength	345	184e	138e	94.5e	65.6e	48.2e	36.9e	29.2e	23.6e	19.5e	16.4e	14.0e	12.1e	10.5e
	L/360		579.7	244.5	125.2	72.5	45.63	30.57	21.47	15.65	11.76	9.06	7.12	5.70	4.64

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (kN/m) - 1200S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (MPa)	Span (m)												
			1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0
1200S162-54	Strength	345	25.7e	19.3e	15.4e	12.9e	11.0e	9.7e	8.6e	7.7e	6.5e	5.5e	4.7e	4.0e	3.5e
	L/360		291.0	123.0	62.81	36.35	22.89	15.34	10.77	7.85	5.90	4.54	3.57	2.86	2.33
1200S162-68	Strength	345	51.8e	38.8e	31.1e	25.9e	22.2e	17.5e	13.8e	11.2e	9.2e	7.8e	6.6e	5.7e	5.0e
	L/360		375.5	158.4	81.1	46.94	29.56	19.80	13.91	10.14	7.62	5.87	4.62	3.70	3.00
1200S162-97	Strength	345	152e	114e	75.3e	52.3e	38.4e	29.4e	23.2e	18.8e	15.6e	13.1e	11.1e	9.6e	8.4e
	L/360		547.5	231.0	118.3	68.44	43.10	28.87	20.28	14.78	11.11	8.56	6.73	5.39	4.38
1200S200-54	Strength	345	25.7e	19.3e	15.4e	12.9e	11.0e	9.7e	8.6e	7.7e	7.0e	6.4e	5.5e	4.7e	4.1e
	L/360		331.3	139.8	71.6	41.41	26.08	17.47	12.27	8.94	6.72	5.18	4.07	3.26	2.65
1200S200-68	Strength	345	51.8e	38.8e	31.1e	25.9e	22.2e	19.4e	16.0e	12.9e	10.7e	9.0e	7.7e	6.6e	5.8e
	L/360		426.0	179.7	92.0	53.3	33.54	22.47	15.78	11.50	8.64	6.66	5.24	4.19	3.41
1200S200-97	Strength	345	152e	114e	85.8e	59.6e	43.8e	33.5e	26.5e	21.5e	17.7e	14.9e	12.7e	10.9e	9.5e
	L/360		618.7	261.0	133.64	77.34	48.70	32.63	22.91	16.70	12.55	9.67	7.60	6.09	4.95
1200S250-54	Strength	345	25.7e	19.3e	15.4e	12.9e	11.0e	9.7e	8.6e	7.7e	7.0e	6.4e	5.8e	5.0e	4.4e
	L/360		353.9	149.3	76.5	44.24	27.86	18.66	13.11	9.56	7.18	5.53	4.35	3.48	2.83
1200S250-68	Strength	345	51.8e	38.8e	31.1e	25.9e	22.2e	19.4e	17.0e	13.8e	11.4e	9.6e	8.2e	7.0e	6.1e
	L/360		471.0	199.0	102.0	58.83	37.04	24.82	17.43	12.71	9.55	7.35	5.78	4.63	3.76
1200S250-97	Strength	345	152e	114e	91.4e	63.6e	46.7e	35.8e	28.3e	22.9e	18.9e	15.9e	13.5e	11.7e	10.2e
	L/360		692.9	292.3	149.7	86.6	54.54	36.54	25.66	18.71	14.06	10.83	8.52	6.82	5.54
1200S300-54	Strength	345	25.7e	19.3e	15.4e	12.9e	11.0e	9.7e	8.6e	7.7e	7.0e	6.4e	5.9e	5.2e	4.6e
	L/360		386	163.0	83.5	48.3	30.42	20.38	14.31	10.43	7.84	6.04	4.75	3.80	3.09
1200S300-68	Strength	345	51.8e	38.8e	31.1e	25.9e	22.2e	19.4e	17.3e	14.3e	11.8e	10.0e	8.5e	7.3e	6.4e
	L/360		529.2	223.3	114.3	66.15	41.66	27.91	19.60	14.29	10.74	8.27	6.50	5.21	4.23
1200S300-97	Strength	345	152e	114e	91.4e	66.3e	48.7e	37.3e	29.4e	23.9e	19.7e	16.6e	14.1e	12.2e	10.6e
	L/360		761.1	321.1	164.4	95.14	59.91	40.14	28.19	20.55	15.44	11.89	9.35	7.49	6.09
1200S350-54	Strength	345	25.7e	19.3e	15.4e	12.9e	11.0e	9.7e	8.6e	7.7e	7.0e	6.4e	5.9e	5.5e	5.1e
	L/360		456.2	192.5	98.6	57.03	35.91	24.06	16.90	12.32	9.25	7.13	5.61	4.49	3.65
1200S350-68	Strength	345	51.8e	38.8e	31.1e	25.9e	22.2e	19.4e	17.3e	15.5e	14.1e	12.3e	10.5e	9.0e	7.9e
	L/360		623.6	263.1	134.7	78.0	49.09	32.89	23.10	16.84	12.65	9.74	7.66	6.14	4.99
1200S350-97	Strength	345	152e	114e	91.4e	76.2e	58.9e	45.1e	35.7e	28.9e	23.9e	20.1e	17.1e	14.7e	12.8e
	L/360		891	375.9	192.5	111.4	70.1	46.99	33.00	24.06	18.08	13.92	10.95	8.77	7.13

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (kN/m) - 1400S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (MPa)	Span (m)												
			1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0
1400S162-54	Strength	345	22.0e	16.5e	13.2e	11.0e	9.4e	8.2e	7.3e	6.6e	6.0e	5.5e	5.1e	4.5e	3.9e
	L/360		413.0	174.0	89.24	51.64	32.52	21.79	15.30	11.16	8.38	6.46	5.08	4.07	3.31
1400S162-68	Strength	345	44.2e	33.2e	26.5e	22.1e	18.9e	16.6e	14.7e	12.6e	10.4e	8.8e	7.5e	6.4e	5.6e
	L/360		537.3	226.7	116.1	67.16	42.29	28.33	19.90	14.51	10.90	8.39	6.60	5.29	4.30
1400S162-97	Strength	345	130e	97.3e	77.8e	60.1e	44.2e	33.8e	26.7e	21.6e	17.9e	15.0e	12.8e	11.0e	9.6e
	L/360		794.3	335.1	171.6	99.28	62.52	41.89	29.42	21.45	16.11	12.41	9.76	7.82	6.35
1400S200-54	Strength	345	22.0e	16.5e	13.2e	11.0e	9.4e	8.2e	7.3e	6.6e	6.0e	5.5e	5.1e	4.7e	4.4e
	L/360		469.2	198.0	101.4	58.65	36.94	24.74	17.38	12.67	9.52	7.33	5.77	4.62	3.75
1400S200-68	Strength	345	44.2e	33.2e	26.5e	22.1e	18.9e	16.6e	14.7e	13.3e	12.1e	10.2e	8.7e	7.5e	6.5e
	L/360		607.1	256.1	131.1	75.9	47.78	32.01	22.48	16.39	12.31	9.49	7.46	5.97	4.86
1400S200-97	Strength	345	130e	97.3e	77.8e	64.9e	50.7e	38.8e	30.7e	24.9e	20.5e	17.3e	14.7e	12.7e	11.0e
	L/360		892.2	376.4	192.72	111.53	70.23	47.05	33.05	24.09	18.10	13.94	10.97	8.78	7.14
1400S250-54	Strength	345	22.0e	16.5e	13.2e	11.0e	9.4e	8.2e	7.3e	6.6e	6.0e	5.5e	5.1e	4.7e	4.4e
	L/360		498.8	210.4	107.7	62.35	39.26	26.30	18.47	13.47	10.12	7.79	6.13	4.91	3.99
1400S250-68	Strength	345	44.2e	33.2e	26.5e	22.1e	18.9e	16.6e	14.7e	13.3e	12.1e	11.0e	9.4e	8.1e	7.0e
	L/360		667.4	281.5	144.2	83.42	52.53	35.19	24.72	18.02	13.54	10.43	8.20	6.57	5.34
1400S250-97	Strength	345	130e	97.3e	77.8e	64.9e	54.5e	41.7e	33.0e	26.7e	22.1e	18.5e	15.8e	13.6e	11.9e
	L/360		993.7	419.2	214.7	124.2	78.22	52.40	36.81	26.83	20.16	15.53	12.21	9.78	7.95
1400S300-54	Strength	345	22.0e	16.5e	13.2e	11.0e	9.4e	8.2e	7.3e	6.6e	6.0e	5.5e	5.1e	4.7e	4.4e
	L/360		524	221.2	113.3	65.5	41.27	27.65	19.42	14.16	10.64	8.19	6.44	5.16	4.19
1400S300-68	Strength	345	44.2e	33.2e	26.5e	22.1e	18.9e	16.6e	14.7e	13.3e	12.1e	11.1e	9.8e	8.5e	7.4e
	L/360		704.3	297.1	152.1	88.03	55.44	37.14	26.08	19.02	14.29	11.00	8.66	6.93	5.63
1400S300-97	Strength	345	130e	97.3e	77.8e	64.9e	55.6e	43.7e	34.5e	28.0e	23.1e	19.4e	16.6e	14.3e	12.4e
	L/360		1073.7	453.0	231.9	134.21	84.52	56.62	39.77	28.99	21.78	16.78	13.19	10.56	8.59
1400S350-54	Strength	345	22.0e	16.5e	13.2e	11.0e	9.4e	8.2e	7.3e	6.6e	6.0e	5.5e	5.1e	4.7e	4.4e
	L/360		634.4	267.7	137.0	79.30	49.94	33.46	23.50	17.13	12.87	9.91	7.80	6.24	5.08
1400S350-68	Strength	345	44.2e	33.2e	26.5e	22.1e	18.9e	16.6e	14.7e	13.3e	12.1e	11.1e	10.2e	9.5e	8.8e
	L/360		880.7	371.6	190.2	110.1	69.33	46.44	32.62	23.78	17.87	13.76	10.82	8.67	7.05
1400S350-97	Strength	345	130e	97.3e	77.8e	64.9e	55.6e	48.6e	42.0e	34.0e	28.1e	23.6e	20.1e	17.4e	15.1e
	L/360		1287	543.1	278.0	160.9	101.3	67.88	47.68	34.76	26.11	20.11	15.82	12.67	10.30

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (kN/m) - 1600S

Strength - Factored Loads **L/360 - Specified Loads**

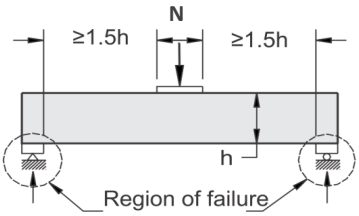
Section	Design Criteria	F_y (MPa)	Span (m)												
			1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0
1600S162-68	Strength	345	38.6e	28.9e	23.1e	19.3e	16.5e	14.5e	12.9e	11.6e	10.5e	9.6e	8.2e	7.1e	6.1e
	L/360		731.5	308.6	158.00	91.43	57.58	38.57	27.09	19.75	14.84	11.43	8.99	7.20	5.85
1600S162-97	Strength	345	113e	84.7e	67.8e	56.5e	48.4e	37.7e	29.8e	24.1e	20.0e	16.8e	14.3e	12.3e	10.7e
	L/360		1093.9	461.5	236.3	136.74	86.11	57.69	40.52	29.54	22.19	17.09	13.44	10.76	8.75
1600S200-68	Strength	345	38.6e	28.9e	23.1e	19.3e	16.5e	14.5e	12.9e	11.6e	10.5e	9.6e	8.9e	8.3e	7.2e
	L/360		823.9	347.6	178.0	102.98	64.85	43.45	30.51	22.24	16.71	12.87	10.12	8.11	6.59
1600S200-97	Strength	345	113e	84.7e	67.8e	56.5e	48.4e	42.4e	34.4e	27.9e	23.1e	19.4e	16.5e	14.2e	12.4e
	L/360		1223.3	516.1	264.2	152.91	96.29	64.51	45.31	33.03	24.82	19.11	15.03	12.04	9.79
1600S250-68	Strength	345	38.6e	28.9e	23.1e	19.3e	16.5e	14.5e	12.9e	11.6e	10.5e	9.6e	8.9e	8.3e	7.7e
	L/360		902.4	380.7	194.9	112.8	71.03	47.59	33.42	24.36	18.30	14.10	11.09	8.88	7.22
1600S250-97	Strength	345	113e	84.7e	67.8e	56.5e	48.4e	42.4e	37.3e	30.2e	25.0e	21.0e	17.9e	15.4e	13.4e
	L/360		1356.6	572.3	293.03	169.58	106.79	71.54	50.25	36.63	27.52	21.20	16.67	13.35	10.85
1600S300-68	Strength	345	38.6e	28.9e	23.1e	19.3e	16.5e	14.5e	12.9e	11.6e	10.5e	9.6e	8.9e	8.3e	7.7e
	L/360		949.0	400.4	205.0	118.63	74.70	50.05	35.15	25.62	19.25	14.83	11.66	9.34	7.59
1600S300-97	Strength	345	113e	84.7e	67.8e	56.5e	48.4e	42.4e	37.7e	31.8e	26.3e	22.1e	18.8e	16.2e	14.1e
	L/360		1459.8	615.9	315.3	182.48	114.91	76.98	54.07	39.42	29.61	22.81	17.94	14.36	11.68
1600S350-68	Strength	345	38.6e	28.9e	23.1e	19.3e	16.5e	14.5e	12.9e	11.6e	10.5e	9.6e	8.9e	8.3e	7.7e
	L/360		1133.0	478.0	244.7	141.6	89.19	59.75	41.96	30.59	22.98	17.70	13.92	11.15	9.06
1600S350-97	Strength	345	113e	84.7e	67.8e	56.5e	48.4e	42.4e	37.7e	33.9e	30.8e	27.0e	23.0e	19.9e	17.3e
	L/360		1705	719.2	368.2	213.1	134.19	89.90	63.14	46.03	34.58	26.64	20.95	16.77	13.64

NOTE: "e" web stiffeners required at ends.

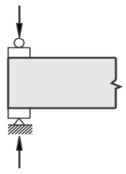
Web Crippling Tables

Table Notes

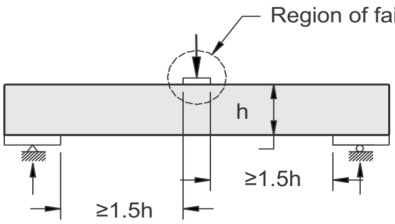
1. The factored web cripping data is based on Section G5 of S136-16.
2. For single web members, the coefficients and resistance factors are based on Table G5-2. N is the bearing length. If N/h > 2, then N can not be greater than 2h. If N/t > 210, then N can not be greater than 210t.
3. For back-to-back members, the cofficients and resistance factors are based on Table G5-1. If N/h > 1, then N can not be greater than h. If N/t > 210, then N can not be greater than 210t.
4. Coefficients and resistance factors are based on members "Fastened to Support", except for back-to-back members under two-flange loading, the coefficients and resistance factors "Unfastened to Support" are used.
5. For back-to-back members, the distance between web connectors and flange shall be kept to a minimun.
6. Calculations are based on unperforated webs. Resistance reductions for end and interior one flange loading near punchouts can be calculated based on Section G6 of S136-16.



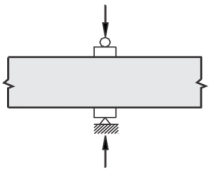
End-One-Flange (EOF)



End-Two-Flange (ETF)



Interior-One-Flange (IOF)



Interior-Two-Flange (ITF)

FACTORED WEB CRIPPLING DATA FOR *SINGLE* WEB MEMBERS

Section Depth (mm)	Designation Thickness (Mils)	Base Design Thickness (mm)	F_y (MPa)	h/t	Factored Web Crippling Data (kN)							
					EOF		IOF		ETF		ITF	
					P_{eo1}	P_{eo2}	P_{io1}	P_{io2}	P_{et1}	P_{et2}	P_{it1}	P_{it2}
92	33	0.879	230	98.3	0.33	0.12	1.09	0.15	0.46	0.05	1.55	0.12
	43	1.15	230	75.2	0.61	0.21	2.02	0.28	0.88	0.11	2.86	0.23
	54	1.44	345	59.0	1.50	0.52	4.92	0.69	2.28	0.27	7.14	0.57
	68	1.81	345	45.8	2.43	0.85	7.87	1.10	3.87	0.46	11.8	0.94
	97	2.58	345	30.6	5.08	1.78	16.2	2.27	8.57	1.03	25.1	2.01
102	33	0.879	228	109	0.33	0.12	1.08	0.15	0.43	0.05	1.52	0.12
	43	1.15	228	83.5	0.60	0.21	2.01	0.28	0.85	0.10	2.81	0.22
	54	1.44	345	65.7	1.48	0.52	4.89	0.68	2.21	0.27	7.02	0.56
	68	1.81	345	51.1	2.41	0.84	7.84	1.10	3.77	0.45	11.6	0.93
	97	2.58	345	34.3	5.05	1.77	16.2	2.27	8.39	1.01	24.8	1.98
152	33	0.879	228	167	0.31	0.11	1.05	0.15	0.33	0.04	1.34	0.11
	43	1.15	228	128	0.57	0.20	1.96	0.27	0.69	0.08	2.54	0.20
	54	1.44	345	101	1.41	0.50	4.79	0.67	1.87	0.22	6.46	0.52
	68	1.81	345	79.2	2.31	0.81	7.70	1.08	3.29	0.39	10.8	0.86
	97	2.58	345	54.0	4.88	1.71	15.9	2.23	7.55	0.91	23.4	1.87
203	33	0.879	230	225	0.29	0.10	1.02	0.14	0.24	0.03	1.20	0.10
	43	1.15	230	172	0.54	0.19	1.92	0.27	0.56	0.07	2.32	0.19
	54	1.44	345	136	1.36	0.48	4.70	0.66	1.59	0.19	5.98	0.48
	68	1.81	345	107	2.23	0.78	7.57	1.06	2.89	0.35	10.1	0.81
	97	2.58	345	73.7	4.74	1.66	15.7	2.20	6.86	0.82	22.2	1.78
254	43	1.15	230	217	0.52	0.18	1.88	0.26	0.44	0.05	2.13	0.17
	54	1.44	345	172	1.31	0.46	4.63	0.65	1.34	0.16	5.57	0.45
	68	1.81	345	135	2.16	0.75	7.46	1.04	2.53	0.30	9.52	0.76
	97	2.58	345	93.3	4.61	1.61	15.5	2.17	6.26	0.75	21.2	1.70
305	54	1.44	345	207	1.26	0.44	4.55	0.64	1.12	0.13	5.20	0.42
	68	1.81	345	163	2.09	0.73	7.37	1.03	2.22	0.27	8.99	0.72
	97	2.58	345	113	4.50	1.58	15.4	2.15	5.72	0.69	20.3	1.62
356	54	1.44	345	242	1.22	0.43	4.49	0.63	0.91	0.11	4.85	0.39
	68	1.81	345	191	2.03	0.71	7.28	1.02	1.93	0.23	8.50	0.68
	97	2.58	345	133	4.40	1.54	15.2	2.13	5.22	0.63	19.5	1.56
406	68	1.81	345	219	1.98	0.69	7.20	1.01	1.66	0.20	8.05	0.64
	97	2.58	345	152	4.31	1.51	15.1	2.11	4.76	0.57	18.7	1.50

NOTES:

1. Based on Eq. G5-1 of S136-16.
2. Factored end one flange web crippling resistance (EOF), $P_{reo} = P_{eo1} + P_{eo2}[N/t]^{1/2}$
3. Factored interior one flange web crippling resistance (IOF), $P_{rio} = P_{io1} + P_{io2}[N/t]^{1/2}$
4. Factored end two flange web crippling resistance (ETF), $P_{ret} = P_{et1} + P_{et2}[N/t]^{1/2}$
5. Factored interior two flange web crippling resistance (ITF), $P_{rit} = P_{it1} + P_{it2}[N/t]^{1/2}$

FACTORED WEB CRIPPLING DATA FOR *BACK-TO-BACK* WEB MEMBERS

Section Depth (mm)	Designation Thickness (Mils)	Base Design Thickness (mm)	F_y (MPa)	h/t	Factored Web Crippling Data (kN)							
					EOF		IOF		ETF		ITF	
					P_{eo1}	P_{eo2}	P_{io1}	P_{io2}	P_{et1}	P_{et2}	P_{it1}	P_{it2}
92	33	0.879	230	98.3	1.65	0.46	4.00	0.44	1.85	0.15	3.93	0.31
	43	1.15	230	75.2	2.93	0.82	7.16	0.79	3.48	0.28	7.52	0.60
	54	1.44	345	59.0	7.03	1.97	17.21	1.89	8.85	0.71	19.14	1.53
	68	1.81	345	45.8	11.17	3.13	27.34	3.01	14.78	1.18	32.0	2.56
	97	2.58	345	30.6	22.74	6.37	55.7	6.13	32.11	2.57	69.4	5.56
102	33	0.879	230	109	1.65	0.46	3.99	0.44	1.79	0.14	3.79	0.30
	43	1.15	230	83.5	2.93	0.82	7.15	0.79	3.39	0.27	7.30	0.58
	54	1.44	345	65.7	7.03	1.97	17.21	1.89	8.63	0.69	18.67	1.49
	68	1.81	345	51.1	11.16	3.13	27.33	3.01	14.48	1.16	31.3	2.50
	97	2.58	345	34.3	22.74	6.37	55.7	6.12	31.58	2.53	68.3	5.46
152	33	0.879	230	167	1.65	0.46	3.99	0.44	1.48	0.12	3.14	0.25
	43	1.15	230	128	2.92	0.82	7.14	0.79	2.92	0.23	6.31	0.50
	54	1.44	345	101	7.01	1.96	17.17	1.89	7.64	0.61	16.52	1.32
	68	1.81	345	79.2	11.14	3.12	27.29	3.00	13.06	1.04	28.2	2.26
	97	2.58	345	54.0	22.70	6.36	55.6	6.12	29.12	2.33	63.0	5.04
203	33	0.879	230	225	1.64	0.46	3.98	0.44	1.23	0.10	2.61	0.21
	43	1.15	230	172	2.91	0.82	7.13	0.78	2.54	0.20	5.47	0.44
	54	1.44	345	136	7.00	1.96	17.14	1.89	6.81	0.54	14.72	1.18
	68	1.81	345	107	11.12	3.12	27.25	3.00	11.88	0.95	25.7	2.05
	97	2.58	345	73.7	22.67	6.35	55.5	6.11	27.08	2.17	58.6	4.69
254	43	1.15	230	217	2.91	0.81	7.11	0.78	2.19	0.18	4.74	0.38
	54	1.44	345	172	6.99	1.96	17.12	1.88	6.08	0.49	13.15	1.05
	68	1.81	345	135	11.11	3.11	27.21	2.99	10.84	0.87	23.45	1.88
	97	2.58	345	93.3	22.65	6.34	55.5	6.10	25.31	2.02	54.7	4.38
305	54	1.44	345	207	6.98	1.95	17.10	1.88	5.42	0.43	11.73	0.94
	68	1.81	345	163	11.10	3.11	27.18	2.99	9.91	0.79	21.43	1.71
	97	2.58	345	113	22.63	6.34	55.4	6.10	23.71	1.90	51.3	4.10
356	54	1.44	345	242	6.97	1.95	17.08	1.88	4.82	0.39	10.42	0.83
	68	1.81	345	191	11.09	3.10	27.15	2.99	9.05	0.72	19.59	1.57
	97	2.58	345	133	22.61	6.33	55.4	6.09	22.24	1.78	48.1	3.85
406	68	1.81	345	219	11.08	3.10	27.12	2.98	8.26	0.66	17.86	1.43
	97	2.58	345	152	22.59	6.32	55.3	6.08	20.88	1.67	45.2	3.61

NOTES:

1. Based on Eq. G5-1 of S136-16.
2. Factored end one flange web crippling resistance (EOF), $P_{reo} = P_{eo1} + P_{eo2}[N/t]^{1/2}$
3. Factored interior one flange web crippling resistance (IOF), $P_{rio} = P_{io1} + P_{io2}[N/t]^{1/2}$
4. Factored end two flange web crippling resistance (ETF), $P_{ret} = P_{et1} + P_{et2}[N/t]^{1/2}$
5. Factored interior two flange web crippling resistance (ITF), $P_{rit} = P_{it1} + P_{it2}[N/t]^{1/2}$

FACTORED WEB CRIPPLING RESISTANCES FOR *SINGLE* WEB MEMBERS

Section Depth (mm)	Designation Thickness (Mils)	Base Design Thickness (mm)	F_y (MPa)	h/t	Factored Web Crippling Resistances (kN)							
					EOF		IOF		ETF		ITF	
					N = 25 mm	N = 75 mm	N = 25 mm	N = 75 mm	N = 25 mm	N = 75 mm	N = 25 mm	N = 75 mm
92	n	0.879	230	98.3	0.97	1.42	1.90	2.50	0.75	0.97	2.22	2.71
	43	1.15	230	75.2	1.61	2.35	3.35	4.32	1.38	1.74	3.94	4.73
	54	1.44	345	59.0	3.71	5.32	7.81	9.92	3.43	4.27	9.55	11.3
	68	1.81	345	45.8	5.61	7.94	12.0	15.0	5.61	6.89	15.3	17.9
	97	2.58	345	30.6	10.7	14.8	23.4	28.6	11.8	14.2	31.4	36.0
102	33	0.879	230	109	0.95	1.41	1.89	2.48	0.72	0.92	2.17	2.65
	43	1.15	230	83.5	1.60	2.33	3.33	4.30	1.33	1.68	3.87	4.64
	54	1.44	345	65.7	3.67	5.27	7.77	9.88	3.32	4.14	9.39	11.1
	68	1.81	345	51.1	5.56	7.88	12.0	15.0	5.46	6.70	15.1	17.6
	97	2.58	345	34.3	10.6	14.6	23.3	28.5	11.5	13.9	31.0	35.5
152	33	0.879	230	167	0.89	1.32	1.84	2.41	0.54	0.70	1.92	2.35
	43	1.15	230	128	1.51	2.20	3.25	4.19	1.08	1.37	3.50	4.20
	54	1.44	345	101	3.50	5.02	7.61	9.67	2.82	3.51	8.63	10.2
	68	1.81	345	79.2	5.34	7.56	11.7	14.7	4.76	5.84	14.0	16.4
	97	2.58	345	54.0	10.2	14.1	22.9	28.0	10.4	12.5	29.2	33.5
203	33	0.879	230	225	0.84	1.25	1.79	2.36	0.40	0.52	1.72	2.10
	43	1.15	230	172	1.44	2.10	3.18	4.11	0.88	1.11	3.20	3.84
	54	1.44	345	136	3.35	4.82	7.47	9.49	2.39	2.98	8.00	9.47
	68	1.81	345	107	5.15	7.29	11.5	14.4	4.18	5.13	13.1	15.4
	97	2.58	345	73.7	9.93	13.7	22.6	27.7	9.45	11.3	27.8	31.9
254	43	1.15	230	217	1.38	2.01	3.12	4.03	0.69	0.88	2.93	3.52
	54	1.44	345	172	3.23	4.64	7.35	9.34	2.02	2.51	7.44	8.81
	68	1.81	345	135	4.98	7.05	11.4	14.2	3.67	4.51	12.4	14.5
	97	2.58	345	93.3	9.67	13.4	22.3	27.3	8.62	10.3	26.5	30.4
305	54	1.44	345	207	3.12	4.47	7.24	9.20	1.68	2.10	6.94	8.22
	68	1.81	345	163	4.84	6.84	11.2	14.1	3.22	3.95	11.7	13.7
	97	2.58	345	113	9.44	13.1	22.1	27.0	7.87	9.44	25.4	29.1
356	54	1.44	345	242	3.02	4.33	7.14	9.07	1.37	1.71	6.49	7.68
	68	1.81	345	191	4.70	6.65	11.1	13.9	2.79	3.43	11.0	12.9
	97	2.58	345	133	9.23	12.8	21.9	26.8	7.18	8.62	24.4	27.9
406	68	1.81	345	219	4.57	6.47	11.0	13.7	2.40	2.95	10.5	12.2
	97	2.58	345	152	9.03	12.5	21.7	26.5	6.55	7.86	23.4	26.8

NOTE:

1. Based on Eq. G5-1 of S136-16; N = Bearing length (mm)

FACTORED WEB CRIPPLING LOADS FOR *BACK-TO-BACK* WEB MEMBERS

Section Depth (mm)	Designation Thickness (Mils)	Base Design Thickness (mm)	F_y (MPa)	h/t	Factored Web Crippling Resistances (kN)							
					EOF		IOF		ETF		ITF	
					N = 25 mm	N = 75 mm	N = 25 mm	N = 75 mm	N = 25 mm	N = 75 mm	N = 25 mm	N = 75 mm
92	33	0.879	230	98.3	4.14	5.97	6.36	8.09	2.65	3.23	5.62	6.85
	43	1.15	230	75.2	6.79	9.61	10.87	13.58	4.80	5.76	10.36	12.43
	54	1.44	345	59.0	15.30	21.36	25.17	31.00	11.82	14.00	25.57	30.3
	68	1.81	345	45.8	22.87	31.44	38.6	46.9	19.21	22.45	41.5	48.6
	97	2.58	345	30.6	42.7	57.3	74.9	89.0	40.2	46.1	86.9	99.6
102	33	0.879	230	109	4.14	5.96	6.36	8.09	2.55	3.11	5.42	6.61
	43	1.15	230	83.5	6.78	9.61	10.86	13.57	4.66	5.60	10.06	12.07
	54	1.44	345	65.7	15.30	21.35	25.16	30.99	11.54	13.66	24.95	29.5
	68	1.81	345	51.1	22.86	31.43	38.6	46.8	18.81	21.99	40.7	47.6
	97	2.58	345	34.3	42.7	57.3	74.9	88.9	39.5	45.3	85.4	98.0
152	33	0.879	230	167	4.13	5.95	6.34	8.07	2.12	2.58	4.50	5.49
	43	1.15	230	128	6.77	9.59	10.84	13.54	4.02	4.83	8.68	10.42
	54	1.44	345	101	15.27	21.31	25.11	30.93	10.21	12.09	22.08	26.1
	68	1.81	345	79.2	22.82	31.38	38.5	46.8	16.97	19.83	36.7	42.9
	97	2.58	345	54.0	42.6	57.2	74.8	88.8	36.4	41.8	78.8	90.3
203	33	0.879	230	225	4.12	5.93	6.33	8.05	1.76	2.14	3.73	4.55
	43	1.15	230	172	6.76	9.57	10.82	13.52	3.49	4.19	7.53	9.04
	54	1.44	345	136	15.24	21.27	25.07	30.88	9.10	10.77	19.67	23.30
	68	1.81	345	107	22.79	31.33	38.5	46.7	15.44	18.04	33.4	39.0
	97	2.58	345	73.7	42.58	57.2	74.7	88.7	33.88	38.9	73.3	84.0
254	43	1.15	230	217	6.74	9.55	10.80	13.50	3.02	3.63	6.52	7.83
	54	1.44	345	172	15.22	21.24	25.03	30.83	8.12	9.62	17.57	20.80
	68	1.81	345	135	22.76	31.29	38.4	46.6	14.09	16.47	30.5	35.6
	97	2.58	345	93.3	42.54	57.1	74.6	88.6	31.65	36.3	68.5	78.5
305	54	1.44	345	207	15.20	21.21	25.00	30.79	7.25	8.58	15.67	18.56
	68	1.81	345	163	22.73	31.25	38.4	46.6	12.88	15.05	27.9	32.6
	97	2.58	345	113	42.49	57.0	74.5	88.5	29.65	34.01	64.1	73.5
356	54	1.44	345	242	15.18	21.19	24.97	30.75	6.44	7.63	13.93	16.49
	68	1.81	345	191	22.71	31.22	38.3	46.5	11.77	13.75	25.5	29.7
	97	2.58	345	133	42.46	57.0	74.5	88.4	27.82	31.91	60.2	69.0
406	68	1.81	345	219	22.69	31.19	38.3	46.5	10.74	12.55	23.2	27.1
	97	2.58	345	152	42.42	56.9	74.4	88.4	26.12	29.95	56.5	64.8

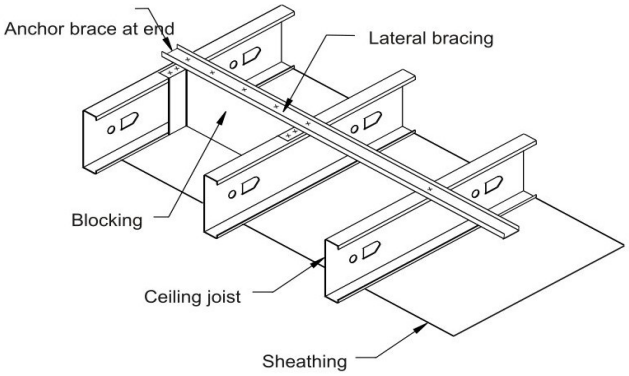
NOTE:

1. Based on Eq. G5-1 of S136-16; N = Bearing length (mm)

S-SECTION CEILING SPAN TABLES

Table Notes

1. Values are for simple span conditions.
2. For "Unbraced" case, the factored moment resistance is based on Sections F2 and F3 of S136-16 with the unbraced length assumed to be the listed span.
3. For "Midspan" braced case, the factored moment resistance is based on Sections F2 and F3 of S136-16 with the unbraced length assumed to be half of the listed span.
4. Web crippling check is based on 25 mm of bearing at end supports.
5. Web crippling and shear have not been reduced for ounchouts. If web punchouts occur near supports, members must be checked for reduced shear and web crippling in accordance with S136-16.



INTERIOR LIMITING CEILING/SOFFIT SPANS (S-SECTIONS) (m) - L/360

Specified Dead Load		0.2 kPa						0.3 kPa						0.6 kPa					
		Lateral Support of Compression Flange						Lateral Support of Compression Flange						Lateral Support of Compression Flange					
		Unsupported			Midspan			Unsupported			Midspan			Unsupported			Midspan		
Stud	F_y	Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.		
Designation	(MPa)	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
162S125-18	230	2.16	1.96	1.70	2.23	2.02	1.76	1.88	1.70	1.48	1.94	1.76	1.52	1.48	1.35	1.18	1.52	1.38	1.19
162S125-33	230	2.71	2.46	2.15	2.73	2.48	2.17	2.36	2.15	1.88	2.36	2.16	1.89	1.88	1.71	1.49	1.89	1.73	1.52
250S125-18	230	2.70	2.50	2.25	3.03	2.74	2.38	2.43	2.25	2.03	2.63	2.38	2.07	2.03	1.88	1.67e	2.07	1.88	1.67e
250S125-33	230	3.33	3.06	2.73	3.75	3.40	2.97	2.96	2.73	2.44	3.27	2.97	2.59	2.44	2.25	2.02	2.59	2.35	2.05
250S125-43	230	3.75	3.44	3.05	4.07	3.70	3.23	3.32	3.05	2.70	3.55	3.23	2.82	2.70	2.48	2.21	2.82	2.56	2.24
362S125-18	230	3.01	2.80	2.52	4.02	3.68	3.18	2.71	2.52	2.27	3.52	3.18	2.76e	2.27	2.11e	1.90e	2.76e	2.45e	2.05e
362S125-33	230	3.65	3.37	3.01	4.99	4.54	3.96	3.26	3.01	2.70	4.36	3.96	3.46	2.70	2.50	2.24	3.46	3.14	2.74
362S125-43	230	4.06	3.73	3.32	5.43	4.93	4.31	3.61	3.32	2.96	4.74	4.31	3.76	2.96	2.73	2.44	3.76	3.42	2.99
362S162-33	230	4.67	4.32	3.87	5.46	4.96	4.34	4.18	3.87	3.48	4.77	4.34	3.79	3.48	3.23	2.90	3.79	3.44	3.01
362S162-43	230	5.15	4.74	4.23	5.94	5.40	4.72	4.59	4.23	3.79	5.19	4.72	4.12	3.79	3.50	3.14	4.12	3.74	3.27
400S125-18	230	3.10	2.88	2.60	4.15	3.80	3.34	2.80	2.60	2.34	3.67	3.34	2.87e	2.34	2.18e	1.96e	2.87e	2.56e	2.15e
400S125-33	230	3.74	3.46	3.09	5.25	4.85	4.28	3.34	3.09	2.77	4.69	4.28	3.74	2.77	2.57	2.31	3.74	3.39	2.96
400S125-43	230	4.16	3.82	3.40	5.77	5.32	4.65	3.69	3.40	3.03	5.12	4.65	4.07	3.03	2.80	2.50	4.07	3.69	3.23
400S162-33	230	4.79	4.43	3.98	5.89	5.35	4.68	4.29	3.98	3.57	5.15	4.68	4.09	3.57	3.31	2.98	4.09	3.71	3.24
400S162-43	230	5.27	4.86	4.34	6.41	5.83	5.09	4.70	4.34	3.88	5.60	5.09	4.45	3.88	3.59	3.22	4.45	4.04	3.53
600S125-33	230	4.18	3.87	3.47	5.98	5.55	5.00	3.75	3.47	3.12	5.38	5.00	4.48	3.12	2.89	2.60	4.48	4.13	3.70
600S125-43	230	4.58	4.23	3.78	6.48	5.99	5.38	4.09	3.78	3.38	5.81	5.38	4.83	3.38	3.13	2.80	4.83	4.48	4.03
600S162-33	230	5.35	4.95	4.46	7.70	7.15	6.42	4.80	4.46	4.01	6.94	6.42	5.61	4.01	3.72	3.35	5.61	5.10	4.45e
600S162-43	230	5.83	5.39	4.83	8.31	7.70	6.92	5.22	4.83	4.33	7.46	6.92	6.11	4.33	4.01	3.61	6.11	5.55	4.85

INTERIOR LIMITING CEILING/SOFFIT SPANS (S-SECTIONS) (m) - L/240

Specified Dead Load		0.2 kPa						0.3 kPa						0.6 kPa					
		Lateral Support of Compression Flange						Lateral Support of Compression Flange						Lateral Support of Compression Flange					
		Unsupported			Midspan			Unsupported			Midspan			Unsupported			Midspan		
Stud	F_y	Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.			Joist Spacing (mm) o.c.		
Designation	(MPa)	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600	300	400	600
162S125-18	230	2.39	2.21	1.99	2.48	2.24	2.02	2.14	1.99	1.74	2.15	2.04	1.77	1.70	1.54	1.35	1.74	1.57	1.37
162S125-33	230	3.03	2.78	2.46	3.10	2.81	2.48	2.69	2.46	2.15	2.70	2.48	2.18	2.14	1.94	1.70	2.17	1.96	1.74
250S125-18	230	2.70	2.50	2.25	3.47	3.14	2.72	2.43	2.25	2.03	3.01	2.72	2.37	2.03	1.88	1.69e	2.37	2.14e	1.85e
250S125-33	230	3.33	3.06	2.73	4.29	3.90	3.40	2.96	2.73	2.44	3.75	3.40	2.96	2.44	2.25	2.02	2.96	2.69	2.35
250S125-43	230	3.75	3.44	3.05	4.66	4.23	3.70	3.32	3.05	2.70	4.07	3.70	3.23	2.70	2.48	2.21	3.23	2.93	2.56
362S125-18	230	3.01	2.80	2.52	4.02	3.69	3.22	2.71	2.52	2.27	3.56	3.22	2.76e	2.27	2.11e	1.90e	2.76e	2.45e	2.05e
362S125-33	230	3.65	3.37	3.01	5.12	4.72	4.21	3.26	3.01	2.70	4.56	4.21	3.77	2.70	2.50	2.24	3.77	3.46	2.99
362S125-43	230	4.06	3.73	3.32	5.62	5.19	4.63	3.61	3.32	2.96	5.02	4.63	4.14	2.96	2.73	2.44	4.14	3.81	3.35
362S162-33	230	4.67	4.32	3.87	6.25	5.68	4.96	4.18	3.87	3.48	5.46	4.96	4.34	3.48	3.23	2.90	4.34	3.94	3.44
362S162-43	230	5.15	4.74	4.23	6.80	6.18	5.40	4.59	4.23	3.79	5.94	5.40	4.72	3.79	3.50	3.14	4.72	4.29	3.74
400S125-18	230	3.10	2.88	2.60	4.15	3.80	3.34	2.80	2.60	2.34	3.67	3.34	2.87e	2.34	2.18e	1.96e	2.87e	2.56e	2.15e
400S125-33	230	3.74	3.46	3.09	5.25	4.85	4.32	3.34	3.09	2.77	4.69	4.32	3.87	2.77	2.57	2.31	3.87	3.57	3.11
400S125-43	230	4.16	3.82	3.40	5.77	5.32	4.75	3.69	3.40	3.03	5.15	4.75	4.25	3.03	2.80	2.50	4.25	3.92	3.47
400S162-33	230	4.79	4.43	3.98	6.75	6.13	5.35	4.29	3.98	3.57	5.89	5.35	4.68	3.57	3.31	2.98	4.68	4.25	3.71
400S162-43	230	5.27	4.86	4.34	7.34	6.67	5.83	4.70	4.34	3.88	6.41	5.83	5.09	3.88	3.59	3.22	5.09	4.62	4.04
600S125-33	230	4.18	3.87	3.47	5.98	5.55	5.00	3.75	3.47	3.12	5.38	5.00	4.48	3.12	2.89	2.60	4.48	4.13	3.70
600S125-43	230	4.58	4.23	3.78	6.48	5.99	5.38	4.09	3.78	3.38	5.81	5.38	4.83	3.38	3.13	2.80	4.83	4.48	4.03
600S162-33	230	5.35	4.95	4.46	7.70	7.15	6.45	4.80	4.46	4.01	6.94	6.45	5.81	4.01	3.72	3.35	5.81	5.40	4.83e
600S162-43	230	5.83	5.39	4.83	8.31	7.70	6.92	5.22	4.83	4.33	7.46	6.92	6.23	4.33	4.01	3.61	6.23	5.78	5.20

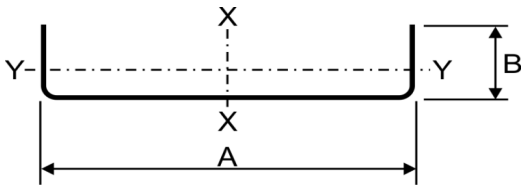
NOTE: "e" indicates that web stiffeners are required at ends.

U-CHANNEL CEILING TABLES

Section Properties

Section Designation	Base Design Thickness (mm)	Depth A (mm)	Flange B (mm)	F_y (MPa)	Gross							Effective		
					Weight (kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	V_{rg} (kN)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_{rx} (kN-m)
75U50-43	1.146	19.1	12.7	230	0.360	0.0459	0.00257	7.49	0.000737	4.01	1.65	0.00257	0.270	0.064
75U50-54	1.438	19.1	12.7	345	0.440	0.0562	0.00302	7.34	0.000878	3.96	2.82	0.00302	0.318	0.115
150U50-43	1.146	38.1	12.7	230	0.531	0.0677	0.0135	14.1	0.000941	3.73	4.03	0.0135	0.706	0.168
150U50-54	1.438	38.1	12.7	345	0.656	0.0836	0.0162	13.9	0.00113	3.68	7.35	0.0162	0.852	0.309
200U50-54	1.438	50.8	12.7	345	0.799	0.102	0.0331	18.0	0.00122	3.47	10.4	0.0331	1.30	0.473
250U50-54	1.438	63.5	12.7	345	0.943	0.120	0.0583	22.0	0.00129	3.28	13.4	0.0583	1.84	0.665

NOTE: When applicable, cold work of forming was considered as per Section A3.3.2 of S136-16.



Note: Inside bend radius taken as 2.38 mm.

Table Notes

1. Multiple span indicates two or more equal spans continuous over interior supports.
2. Compression flanges assumed unbraced.
3. Web crippling based on 19 mm bearing at end and interior supports.
4. When applicable, cold work of forming was considered as per Section A3.3.2 of S136-16.

LIMITING U- CHANNEL CEILING SPANS (m) - L/360

Specified Dead Loads			0.20 kPa					0.30 kPa					0.60 kPa					0.70 kPa				
Section Designation	F_y (MPa)	Span Type	Spacing (m) o.c.																			
			0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80
75U050-43	230	Single	0.98	0.82	0.77	0.72	0.68	0.85	0.72	0.68	0.63	0.59	0.68	0.57	0.54	0.50	0.47	0.64	0.54	0.51	0.47	0.45
	230	Multiple	1.21	1.02	0.96	0.89	0.84	1.05	0.89	0.84	0.78	0.73	0.84	0.71	0.66	0.62	0.58	0.79	0.67	0.63	0.59	0.55
75U050-54	345	Single	1.03	0.87	0.82	0.76	0.71	0.90	0.76	0.71	0.66	0.62	0.71	0.60	0.57	0.53	0.50	0.68	0.57	0.54	0.50	0.47
	345	Multiple	1.27	1.07	1.01	0.94	0.88	1.11	0.94	0.88	0.82	0.77	0.88	0.74	0.70	0.65	0.61	0.84	0.71	0.67	0.62	0.58
150U050-43	230	Single	1.56	1.32	1.25	1.16	1.10	1.37	1.16	1.10	1.02	0.96	1.10	0.93	0.88	0.82	0.77	1.04	0.89	0.84	0.78	0.74
	230	Multiple	1.99	1.69	1.59	1.48	1.39	1.75	1.48	1.39	1.30	1.22	1.39	1.18	1.11	1.04	0.98	1.32	1.12	1.06	0.99	0.93
150U050-54	345	Single	1.79	1.51	1.42	1.32	1.25	1.56	1.32	1.25	1.16	1.09	1.25	1.05	0.99	0.92	0.87	1.18	1.00	0.94	0.88	0.82
	345	Multiple	2.23	1.88	1.77	1.64	1.55	1.95	1.64	1.55	1.43	1.35	1.55	1.30	1.23	1.14	1.07	1.47	1.24	1.17	1.08	1.02
200U050-54	345	Single	1.88	1.59	1.50	1.39	1.31	1.64	1.39	1.31	1.22	1.15	1.31	1.11	1.05	0.98	0.92	1.25	1.06	1.00	0.93	0.88
	345	Multiple	2.40	2.02	1.91	1.77	1.67	2.10	1.77	1.67	1.55	1.46	1.67	1.41	1.33	1.24	1.17	1.59	1.35	1.27	1.18	1.11
250U050-54	345	Single	1.95	1.65	1.56	1.45	1.37	1.71	1.45	1.37	1.27	1.20	1.37	1.16	1.10	1.02	0.97	1.30	1.11	1.05	0.98	0.92
	345	Multiple	2.49	2.10	1.98	1.84	1.74	2.18	1.84	1.74	1.62	1.52	1.74	1.47	1.39	1.29	1.22	1.65	1.40	1.32	1.23	1.16

LIMITING U- CHANNEL CEILING SPANS (m) - L/240

Specified Dead Loads			0.20 kPa					0.30 kPa					0.60 kPa					0.70 kPa				
Section Designation	F_y (MPa)	Span Type	Spacing (m) o.c.																			
			0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80
75U050-43	230	Single	1.12	0.94	0.89	0.82	0.77	0.98	0.82	0.77	0.72	0.68	0.77	0.65	0.61	0.57	0.54	0.74	0.62	0.58	0.54	0.51
	230	Multiple	1.38	1.16	1.10	1.02	0.96	1.21	1.02	0.96	0.89	0.84	0.96	0.81	0.76	0.68	0.62	0.91	0.77	0.70	0.63	0.57
75U050-54	345	Single	1.18	0.99	0.94	0.87	0.82	1.03	0.87	0.82	0.76	0.71	0.82	0.69	0.65	0.60	0.57	0.78	0.66	0.62	0.57	0.54
	345	Multiple	1.46	1.23	1.16	1.07	1.01	1.27	1.07	1.01	0.94	0.88	1.01	0.85	0.80	0.74	0.70	0.96	0.81	0.76	0.71	0.67
150U050-43	230	Single	1.56	1.32	1.25	1.16	1.10	1.37	1.16	1.10	1.02	0.96	1.10	0.93	0.88	0.82	0.77	1.04	0.89	0.84	0.78	0.74
	230	Multiple	1.99	1.69	1.59	1.48	1.39	1.75	1.48	1.39	1.30	1.22	1.39	1.18	1.11	1.04	0.98	1.32	1.12	1.06	0.99	0.93
150U050-54	345	Single	1.79	1.51	1.42	1.32	1.25	1.56	1.32	1.25	1.16	1.09	1.25	1.06	0.99	0.93	0.87	1.18	1.00	0.95	0.88	0.83
	345	Multiple	2.29	1.93	1.82	1.69	1.59	2.00	1.69	1.59	1.48	1.39	1.59	1.34	1.27	1.18	1.11	1.51	1.28	1.20	1.12	1.06
200U050-54	345	Single	1.88	1.59	1.50	1.39	1.31	1.64	1.39	1.31	1.22	1.15	1.31	1.11	1.05	0.98	0.92	1.25	1.06	1.00	0.93	0.88
	345	Multiple	2.40	2.02	1.91	1.77	1.67	2.10	1.77	1.67	1.55	1.46	1.67	1.41	1.33	1.24	1.17	1.59	1.35	1.27	1.18	1.11
250U050-54	345	Single	1.95	1.65	1.56	1.45	1.37	1.71	1.45	1.37	1.27	1.20	1.37	1.16	1.10	1.02	0.97	1.30	1.11	1.05	0.98	0.92
	345	Multiple	2.49	2.10	1.98	1.84	1.74	2.18	1.84	1.74	1.62	1.52	1.74	1.47	1.39	1.29	1.22	1.65	1.40	1.32	1.23	1.16

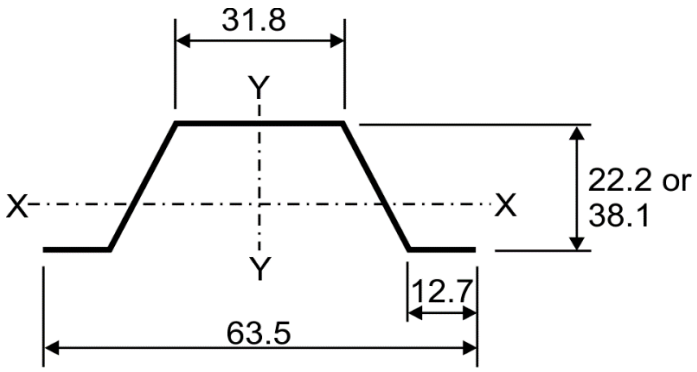
LIMITING U- CHANNEL CEILING SPANS (m) - L/120

Specified Dead Loads			0.20 kPa					0.30 kPa					0.60 kPa					0.70 kPa				
Section Designation	F_y (MPa)	Span Type	Spacing (m) o.c.																			
			0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80	0.60	1.00	1.20	1.50	1.80
75U050-43	230	Single	1.40	1.17	1.09	1.00	0.93	1.21	1.00	0.93	0.85	0.79	0.93	0.76	0.70	0.64	0.59	0.88	0.71	0.66	0.59	0.55
	230	Multiple	1.74	1.44	1.31	1.17	1.07	1.51	1.17	1.07	0.96	0.87	1.07	0.83	0.76	0.68	0.62	0.99	0.77	0.70	0.63	0.57
75U050-54	345	Single	1.49	1.25	1.18	1.09	1.03	1.30	1.09	1.03	0.96	0.90	1.03	0.87	0.82	0.76	0.71	0.98	0.83	0.78	0.72	0.68
	345	Multiple	1.84	1.55	1.46	1.35	1.27	1.60	1.35	1.27	1.18	1.11	1.27	1.07	1.01	0.90	0.83	1.21	1.02	0.94	0.84	0.76
150U050-43	230	Single	1.56	1.32	1.25	1.16	1.10	1.37	1.16	1.10	1.02	0.96	1.10	0.93	0.88	0.82	0.77	1.04	0.89	0.84	0.78	0.74
	230	Multiple	1.99	1.69	1.59	1.48	1.39	1.75	1.48	1.39	1.30	1.22	1.39	1.18	1.11	1.04	0.98	1.32	1.12	1.06	0.99	0.93
150U050-54	345	Single	1.79	1.51	1.42	1.32	1.25	1.56	1.32	1.25	1.16	1.09	1.25	1.06	0.99	0.93	0.87	1.18	1.00	0.95	0.88	0.83
	345	Multiple	2.29	1.93	1.82	1.69	1.59	2.00	1.69	1.59	1.48	1.39	1.59	1.34	1.27	1.18	1.11	1.51	1.28	1.20	1.12	1.06
200U050-54	345	Single	1.88	1.59	1.50	1.39	1.31	1.64	1.39	1.31	1.22	1.15	1.31	1.11	1.05	0.98	0.92	1.25	1.06	1.00	0.93	0.88
	345	Multiple	2.40	2.02	1.91	1.77	1.67	2.10	1.77	1.67	1.55	1.46	1.67	1.41	1.33	1.24	1.17	1.59	1.35	1.27	1.18	1.11
250U050-54	345	Single	1.95	1.65	1.56	1.45	1.37	1.71	1.45	1.37	1.27	1.20	1.37	1.16	1.10	1.02	0.97	1.30	1.11	1.05	0.98	0.92
	345	Multiple	2.49	2.10	1.98	1.84	1.74	2.18	1.84	1.74	1.62	1.52	1.74	1.47	1.39	1.29	1.22	1.65	1.40	1.32	1.23	1.16

Hat (Furring) Ceiling Channel Span Tables

Notes

1. If present, hems and offsets in flanges are ignored.
2. Effective properties are the minimum for positive and negative bending.



All dimensions in mm

Section Properties

Section Designation	F_y (MPa)	Base Design Thickness (mm)	Gross						Effective		
			Weight (kg/m)	Area (E+03) (mm^2)	I_x (E+06) (mm^4)	r_x (mm)	I_y (E+06) (mm^4)	r_y (mm)	I_{xd} (E+06) (mm^4)	S_{xe} (E+03) (mm^3)	M_r (kN-m)
087F125-18	230	0.478	0.365	0.0465	0.00380	9.04	0.0150	18.0	0.00370	0.265	0.0545
087F125-27	230	0.719	0.545	0.0694	0.00555	8.94	0.0223	17.9	0.00555	0.451	0.0922
087F125-30	230	0.792	0.598	0.0762	0.00606	8.92	0.0244	17.9	0.00606	0.508	0.104
087F125-33	230	0.879	0.661	0.0843	0.00664	8.89	0.0270	17.9	0.00664	0.562	0.115
087F125-43	230	1.146	0.853	0.109	0.00836	8.76	0.0346	17.9	0.00836	0.708	0.145
087F125-54	345	1.438	1.05	0.134	0.00997	8.64	0.0425	17.8	0.00997	0.844	0.262
150F125-18	230	0.478	0.481	0.0613	0.0131	14.6	0.0194	17.8	0.0128	0.567	0.116
150F125-27	230	0.719	0.719	0.0916	0.0193	14.5	0.0288	17.7	0.0193	0.939	0.192
150F125-30	230	0.792	0.792	0.101	0.0212	14.5	0.0316	17.7	0.0212	1.06	0.216
150F125-33	230	0.879	0.875	0.111	0.0233	14.5	0.0349	17.7	0.0233	1.17	0.238
150F125-43	230	1.146	1.13	0.144	0.0297	14.4	0.0448	17.6	0.0297	1.49	0.304
150F125-54	345	1.438	1.40	0.178	0.0359	14.2	0.0550	17.6	0.0359	1.80	0.558

Table Notes

1. Single spans are the minimum span based on moment, shear, web crippling, or deflection.
2. Multiple spans are for two or more equal continuous spans with span length measured from support to support.
3. Web crippling check is based on 25 mm of bearing at end and interior.
4. Multiple spans are the minimum span based on moment, shear, web crippling, combined bending and shear, combined bending and web crippling, or deflection.

LIMITING CEILING SPANS OF FURRING (HAT) CHANNELS (m) - L/360

Specified Dead Loads			0.20 kPa			0.30 kPa			0.60 kPa		
Section Designation	F_y (MPa)	Span Type	Spacing (mm) o.c.			Spacing (mm) o.c.			Spacing (mm) o.c.		
			300	400	600	300	400	600	300	400	600
087F125-18	230	Single	1.38	1.25	1.09	1.21	1.09	0.96	0.96	0.87	0.76
	230	Multiple	1.70	1.55	1.35	1.49	1.35	1.18	1.18	1.07	0.94
087F125-27	230	Single	1.58	1.44	1.25	1.38	1.25	1.10	1.10	1.00	0.87
	230	Multiple	1.95	1.77	1.55	1.71	1.55	1.35	1.35	1.23	1.07
087F125-30	230	Single	1.63	1.48	1.29	1.42	1.29	1.13	1.13	1.02	0.90
	230	Multiple	2.01	1.83	1.60	1.76	1.60	1.39	1.39	1.27	1.11
087F125-33	230	Single	1.68	1.52	1.33	1.47	1.33	1.16	1.16	1.06	0.92
	230	Multiple	2.07	1.88	1.65	1.81	1.65	1.44	1.44	1.31	1.14
087F125-43	230	Single	1.81	1.65	1.44	1.58	1.44	1.26	1.26	1.14	1.00
	230	Multiple	2.24	2.03	1.78	1.95	1.78	1.55	1.55	1.41	1.23
087F125-54	345	Single	1.93	1.75	1.53	1.69	1.53	1.34	1.34	1.22	1.06
	345	Multiple	2.39	2.17	1.89	2.08	1.89	1.65	1.65	1.50	1.31
150F125-18	230	Single	2.09	1.90	1.66	1.82	1.66	1.45	1.45	1.32	1.15
	230	Multiple	2.58	2.34	2.05	2.25	2.05	1.79	1.79	1.63	1.42
150F125-27	230	Single	2.39	2.18	1.90	2.09	1.90	1.66	1.66	1.51	1.32
	230	Multiple	2.96	2.69	2.35	2.58	2.35	2.05	2.05	1.86	1.63
150F125-30	230	Single	2.47	2.24	1.96	2.16	1.96	1.71	1.71	1.56	1.36
	230	Multiple	3.05	2.77	2.42	2.66	2.42	2.12	2.12	1.92	1.68
150F125-33	230	Single	2.55	2.32	2.02	2.23	2.02	1.77	1.77	1.61	1.40
	230	Multiple	3.15	2.86	2.50	2.75	2.50	2.18	2.18	1.98	1.73
150F125-43	230	Single	2.76	2.51	2.19	2.41	2.19	1.92	1.92	1.74	1.52
	230	Multiple	3.41	3.10	2.71	2.98	2.71	2.37	2.37	2.15	1.88
150F125-54	345	Single	2.96	2.69	2.35	2.59	2.35	2.05	2.05	1.86	1.63
	345	Multiple	3.66	3.32	2.90	3.20	2.90	2.54	2.54	2.30	2.01

LIMITING CEILING SPANS OF FURRING (HAT) CHANNELS (m) - L/240

Specified Dead Loads			0.20 kPa			0.30 kPa			0.60 kPa		
Section Designation	F_y (MPa)	Span Type	Spacing (mm) o.c.			Spacing (mm) o.c.			Spacing (mm) o.c.		
			300	400	600	300	400	600	300	400	600
087F125-18	230	Single	1.58	1.43	1.25	1.38	1.25	1.09	1.09	0.99	0.87
	230	Multiple	1.95	1.77	1.55	1.70	1.55	1.35	1.35	1.20	0.98
087F125-27	230	Single	1.81	1.64	1.44	1.58	1.44	1.25	1.25	1.14	1.00
	230	Multiple	2.23	2.03	1.77	1.95	1.77	1.55	1.55	1.41	1.23
087F125-30	230	Single	1.86	1.69	1.48	1.63	1.48	1.29	1.29	1.17	1.02
	230	Multiple	2.30	2.09	1.83	2.01	1.83	1.60	1.60	1.45	1.27
087F125-33	230	Single	1.92	1.74	1.52	1.68	1.52	1.33	1.33	1.21	1.06
	230	Multiple	2.37	2.16	1.88	2.07	1.88	1.65	1.65	1.49	1.31
087F125-43	230	Single	2.07	1.88	1.65	1.81	1.65	1.44	1.44	1.31	1.14
	230	Multiple	2.56	2.33	2.03	2.24	2.03	1.78	1.78	1.61	1.41
087F125-54	345	Single	2.21	2.01	1.75	1.93	1.75	1.53	1.53	1.39	1.22
	345	Multiple	2.73	2.48	2.17	2.39	2.17	1.89	1.89	1.72	1.50
150F125-18	230	Single	2.39	2.17	1.90	2.09	1.90	1.66	1.66	1.51	1.32
	230	Multiple	2.95	2.68	2.34	2.58	2.34	2.02	2.02	1.75	1.43
150F125-27	230	Single	2.74	2.49	2.18	2.39	2.18	1.90	1.90	1.73	1.51
	230	Multiple	3.39	3.08	2.69	2.96	2.69	2.35	2.35	2.13	1.83
150F125-30	230	Single	2.83	2.57	2.24	2.47	2.24	1.96	1.96	1.78	1.56
	230	Multiple	3.49	3.17	2.77	3.05	2.77	2.42	2.42	2.20	1.92
150F125-33	230	Single	2.92	2.65	2.32	2.55	2.32	2.02	2.02	1.84	1.61
	230	Multiple	3.61	3.28	2.86	3.15	2.86	2.50	2.50	2.27	1.98
150F125-43	230	Single	3.16	2.87	2.51	2.76	2.51	2.19	2.19	1.99	1.74
	230	Multiple	3.91	3.55	3.10	3.41	3.10	2.71	2.71	2.46	2.15
150F125-54	345	Single	3.39	3.08	2.69	2.96	2.69	2.35	2.35	2.13	1.86
	345	Multiple	4.19	3.80	3.32	3.66	3.32	2.90	2.90	2.64	2.30

LIMITING CEILING SPANS OF FURRING (HAT) CHANNELS (m) - L/120

Specified Dead Loads			0.20 kPa			0.30 kPa			0.60 kPa		
Section Designation	F_y (MPa)	Span Type	Spacing (mm) o.c.			Spacing (mm) o.c.			Spacing (mm) o.c.		
			300	400	600	300	400	600	300	400	600
087F125-18	230	Single	2.00	1.82	1.59	1.75	1.59	1.39	1.39	1.21	0.98
	230	Multiple	2.40	2.09	1.70	1.97	1.70	1.39	1.39	1.21	0.98
087F125-27	230	Single	2.29	2.08	1.82	2.00	1.82	1.59	1.59	1.44	1.26
	230	Multiple	2.83	2.57	2.17	2.47	2.17	1.80	1.80	1.57	1.28
087F125-30	230	Single	2.36	2.14	1.87	2.06	1.87	1.64	1.64	1.49	1.30
	230	Multiple	2.91	2.65	2.29	2.55	2.29	1.89	1.89	1.65	1.36
087F125-33	230	Single	2.43	2.21	1.93	2.12	1.93	1.69	1.69	1.53	1.34
	230	Multiple	3.01	2.73	2.39	2.63	2.39	1.97	1.97	1.72	1.42
087F125-43	230	Single	2.63	2.39	2.08	2.29	2.08	1.82	1.82	1.65	1.44
	230	Multiple	3.24	2.95	2.58	2.83	2.58	2.18	2.18	1.90	1.56
087F125-54	345	Single	2.78	2.53	2.21	2.43	2.21	1.93	1.93	1.75	1.53
	345	Multiple	3.44	3.13	2.73	3.01	2.73	2.39	2.39	2.17	1.89
150F125-18	230	Single	3.03	2.75	2.40	2.64	2.40	2.03	2.03	1.76	1.44
	230	Multiple	3.52	3.05	2.49	2.87	2.49	2.03	2.03	1.76	1.44
150F125-27	230	Single	3.47	3.15	2.76	3.03	2.76	2.41	2.41	2.19	1.85
	230	Multiple	4.29	3.90	3.20	3.70	3.20	2.61	2.61	2.26	1.85
150F125-30	230	Single	3.58	3.25	2.84	3.13	2.84	2.48	2.48	2.25	1.96
	230	Multiple	4.42	4.02	3.39	3.86	3.39	2.77	2.77	2.40	1.96
150F125-33	230	Single	3.70	3.36	2.93	3.23	2.93	2.56	2.56	2.33	2.03
	230	Multiple	4.57	4.15	3.53	3.99	3.53	2.91	2.91	2.52	2.06
150F125-43	230	Single	4.01	3.64	3.18	3.50	3.18	2.78	2.78	2.52	2.20
	230	Multiple	4.95	4.50	3.90	4.32	3.90	3.21	3.21	2.80	2.32
150F125-54	345	Single	4.27	3.88	3.39	3.73	3.39	2.96	2.96	2.69	2.35
	345	Multiple	5.28	4.79	4.19	4.61	4.19	3.66	3.66	3.32	2.90

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(Imperial Version)

General Notes

Section Properties

GENERAL NOTES

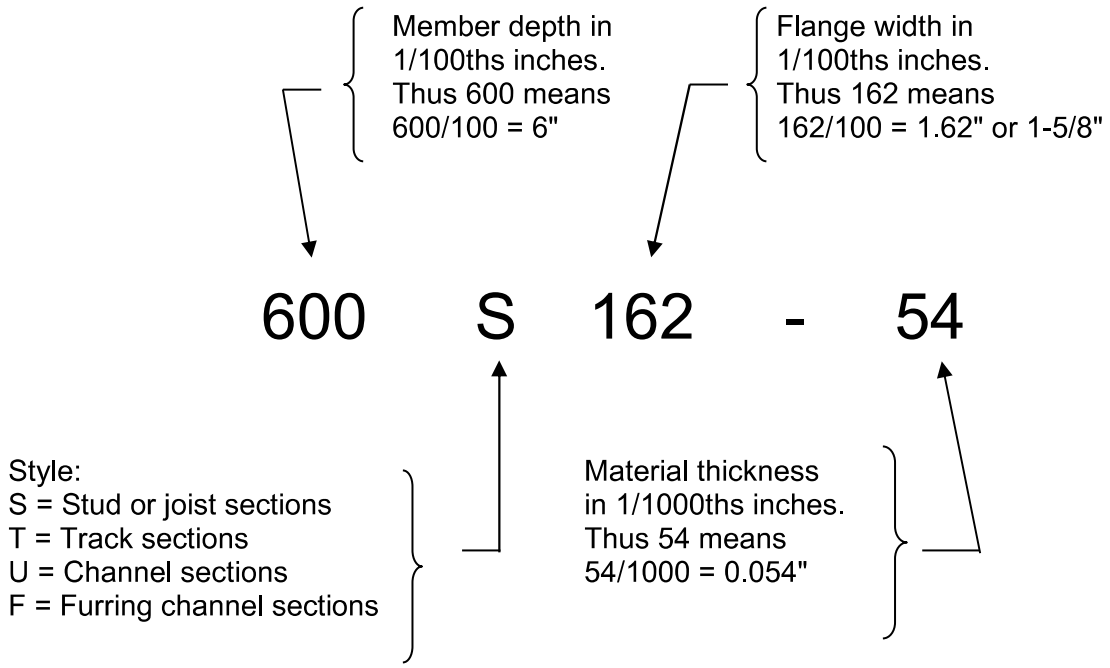
1. INTRODUCTION

The technical data in these reports is intended as an aid to the design professional and should not be used to replace the judgement of a qualified Engineer or Architect.

2. PRODUCT DESIGNATOR

Cold formed steel framing manufacturers use a common designator method for their products. The designator is a four-part code which identifies depth, flange width, member type and material thickness. This designator (based on Imperial units) is used for both SI metric and Imperial units.

Example: 600S162-54



3. MANUFACTURER CERTIFICATION AND PRODUCT MARKING

3.1 **Cold formed steel framing manufacturers who are members of the CSSBI and adhere to the *CSSBI 61:24 Certification of manufacturers of cold-formed steel framing members,* are the only companies that have authorization from the CSSBI to utilize these tables.**

Under the *CSSBI Manufacturer Certification Program*, a participating manufacturer certifies that the designated structural and non-structural cold formed steel (CFS) framing members it produces meet or exceed the relevant ASTM International (ASTM), Canadian Standards Association (CSA) and American Iron and Steel Institute (AISI) standard requirements. The manufacturer's products are validated through an independent 3rd party review of the products and production practices, by appropriate testing and inspection.

3.2 **Marking:**
Refer to Appendix A, Section A10.

4. SECTION GEOMETRIES

4.1 Section geometries are identified by the product designator method described in Section 2.

4.2 Stud, joist, track and bridging channel members shall be cold formed to shape from sheet steel with a minimum base steel thickness and inside bend radius as follows:

Designation Thickness (Mils)	Minimum Base Steel Thickness (in.)	Base Design Thickness (in.)	Inside Bend Radius, R (in.)
18	0.0179	0.0188	0.0843
33	0.0329	0.0346	0.0764
43	0.0428	0.0451	0.0712
54	0.0538	0.0566	0.0849
68	0.0677	0.0713	0.1069
97	0.0966	0.1017	0.1525

4.3 Stud and joist lip lengths are as follows:

Section	Flange Width, B (in.)	Lip Length, C (in.)
S125	1.250	0.1875
S162	1.625	0.5000
S200	2.000	0.6250
S250	2.500	0.6250
S300	3.000	0.6250
S350	3.500	1.000

5. SECTION PROPERTIES

5.1 Structural properties are based on Limit States Design (LSD) of the CSA Standard S136-16, *North American Specification for the Design of Cold-Formed Steel Structural Members*, 2016 edition which is the Canadian version of AISI S100-16, North American Specification for the Design of Cold-Formed Steel Structural Members. These two standards are identical.

5.2 Steel shall conform to the requirements of CSA S136-16, AISI S220-20 *North American Standard for Cold-Formed Steel Framing – Non-structural Members* and AISI S240-20 *North American Standard for Cold-Formed Steel Structural Framing.*

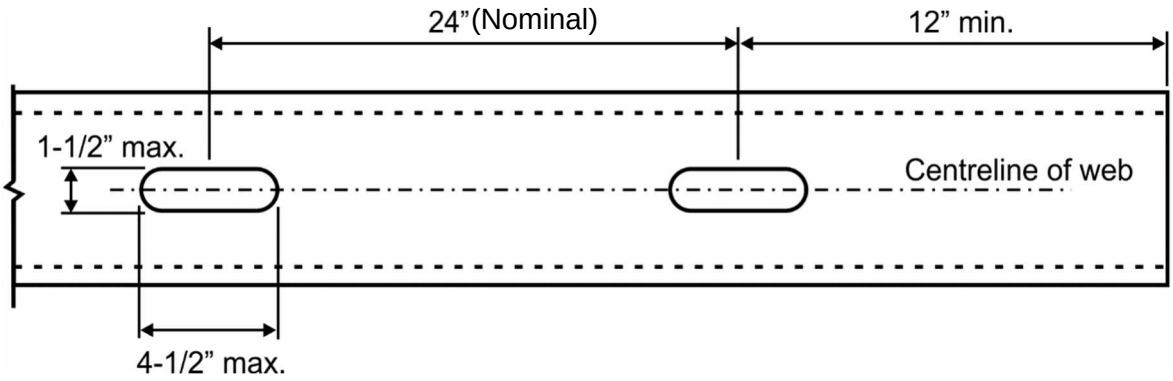
5.3 Products with a thickness designation less up to 43 Mils, shall have a minimum yield stress of 33 ksi and products with a thickness designation equal to or greater than 54 Mils, shall have a minimum yield stress of 50 ksi.

5.4 Section properties are computed for the base design thicknesses (exclusive of coating) shown in the tables.

5.5 When provided, factory punch-outs shall be located along the centreline of the webs of the members and shall have a centre-to-centre spacing of 24". Punchouts shall have a width not greater than half the member depth or 2-1/2", whichever is less. Punchouts may not be within 12" of stud end. Any configuration or combination of holes that fit within the punch-out width and length limitations stated above shall be permitted; other punch-out configurations and locations not in compliance with the stated limitations must be approved by a design professional.

5.6 Increase in yield stress from cold work of forming has been included whenever applicable.

5.7 The effective moment of inertia for deflection, I_{xd}, is based on local buckling at an assumed specified live load stress of $0.6F_y$. This moment of inertia is only appropriate for checking serviceability limit states.



6. SYMBOLS

Gross Section Properties

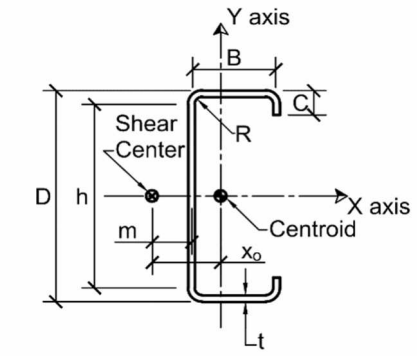
I_x Moment of inertia about x-axis
S_x Section modulus about x-axis
r_x Radius of gyration about x-axis
I_y Moment of inertia about y-axis
r_y Radius of gyration about y-axis

Effective Section Properties

I_{xd} Moment of inertia about x-axis for deflection calculations
S_{xe} Section modulus about x-axis
M_{rxLB} Factored moment resistance about x-axis based on local buckling
M_{rxDB} Factored moment resistance about x-axis based on distortional buckling, assuming $K_\phi = 0$
M_{ryLB} Factored moment resistance about y-axis based on local buckling with web/lip in compression
M_{ryDB} Factored moment resistance about y-axis based on distortional buckling with lip in compression
M_{rxUL} Factored moment resistance based on an unsupported length of 48 in.
V_{rg} Factored shear resistance along y-axis of un-perforated section based on Section G2 of S136-16
V_{rn} Factored shear resistance along y-axis of perforated section based on Section G3 of S136-16

Torsional and other Properties

J Saint-Venant torsion constant. The values shown in the tables have been multiplied by 1,000. To obtain the actual values, divide table values by 1,000
C_w Torsional warping constant
x_o Distance from shear center to centroid along principal x-axis
m Distance from shear center to mid-plane of web
r_o Polar radius of gyration about shear center
β $1 - (x_o/r_o)^2$
L_u Limiting un-braced length below which lateral-torsional buckling is not considered
$K_\phi = 0$ Rotational stiffness
h Flat depth of web
N Bearing length
F_y Yield stress
F_u Ultimate tensile strength



Web Depth to Thickness Ratios, h/t

Designation Thickness (Mils)	18		33		43		54		68		97	
Base Design Thickness (in.)	0.0188		0.0346		0.0451		0.0566		0.0713		0.1017	
Inside Bend Radius, R (in.)	0.0843		0.0764		0.0712		0.0849		0.1069		0.1525	
Section Depth, D (in.)	h (in.)	h/t	h (in.)	h/t	h (in.)	h/t	h (in.)	h/t	h (in.)	h/t	h (in.)	h/t
1.625	1.42	75.5										
2.50	2.29	122										
3.625	3.42	182	3.40	98.3	3.39	75.2	3.34	59.0	3.27	45.8	3.12	30.6
4	3.79	202 [1]	3.78	109	3.77	83.5	3.72	65.7	3.64	51.1	3.49	34.3
6	5.79	308 [2]	5.78	167	5.77	128	5.72	101	5.64	79.2	5.49	54.0
8			7.78	225 [1]	7.77	172	7.72	136	7.64	107	7.49	73.7
10			9.79	283 [2]	9.77	217 [1]	9.72	172	9.64	135	9.49	93.3
12							11.7	207 [1]	11.6	163	11.5	113
14							13.7	242 [1]	13.6	191	13.5	133
16									15.6	219 [1]	15.5	152

[1] h/t exceeds 200; [2] h/t exceeds 260

7. DESIGN EXAMPLES

7.1 LOAD BEARING WALL STUDS – Concentric load only

Given:

Specified (unfactored) Loads: Axial live load (L) = 4.8 kips/stud
Axial dead load (D) = 2.0 kips/stud

Stud height = 14'-0"
Stud spacing = 16" o.c.
Assume studs are braced by bridging only
Select a stud section

Solution:

Factored load combination = 1.25D + 1.5L
C_f = 1.25(2.0) + 1.5(4.8) = *9.70 kips/stud*

Try 600S162-68 studs at 16" o.c.

From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 0 psf factored lateral load
C_r = *10.4 kips/stud*
Since C_r = *10.4 kips/stud* > C_f = *9.70 kips/stud* **∴OK**

Conclusion:

Use ***600S162-68*** section spaced at 16" o.c. with 3 bridging lines arranged so that the maximum spacing does not exceed 48" o.c.

7.2 LOAD BEARING WALL STUDS – Combined loading

Given:

Specified (unfactored) Loads: Axial live load (L) = 3.6 kips/stud
Axial dead load (D) = 1.8 kips/stud
Wind load (W) = 25 psf

Stud height = 10'-0"
Stud spacing = 16" o.c.
Deflection limit = L/600
Assume studs are braced by bridging only
Select a stud section

Solution:

Try 600S162-54 studs at 16" o.c.

1) Dead load only

Factored load combination = 1.4D
C_f (factored axial load) = 1.4D = 1.4(1.8) = *2.52 kips/stud*
From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 0 psf factored lateral load
C_r = *8.24 kips/stud*
Since C_r = 8.24 kips/stud > C_f = *2.52 kips/stud* **∴OK**

2) Dead + Wind + Live Load

a) Factored load combination # 1 = 1.25D + 1.5L + 0.4W
W_f (factored wind load) = 0.4W
= 0.4(25) = *10.0 psf*
C_f (factored axial load) = 1.25D + 1.5L
= 1.25(1.8) + 1.5(3.6)
= *7.65 kips/stud*

From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 10 psf factored lateral load

C_r = *7.67 kips/stud*
Since C_r = *7.67 kips/stud* > C_f = *7.65 kips/stud* **∴OK**

b) Factored load combination # 2 = 1.25D + 0.5L + 1.4W
W_f (factored wind load) = 1.4W
= 1.4(25) = *35.0 psf*
C_f (factored axial load) = 1.25D + 0.5L
= 1.25(1.8) + 0.5(3.6)
= *4.05 kips/stud*

From Combined Axial and Lateral Load table, the limiting factored compressive resistance for 30 and 40 psf factored lateral load
C_r = *6.57 kips/stud* (for 30 psf)
C_r = *6.04 kips/stud* (for 40 psf)

By interpolation for 35 psf, C_r = *6.31* kips/stud > *4.05* kips/stud **∴OK**

3) Web crippling check

From Single Span Curtain Wall Limiting Heights table for a 25 psf specified wind load, web crippling does not control.

4) Deflection check (L/600)

From Single Span Curtain Wall Limiting Heights table, the limiting stud height for a specified wind load of 25 psf and a deflection limit of L/600 is 14'-4".
Since 14'-4" > 10'-0" **∴OK**

Conclusion:

Use ***600S162-54*** section spaced at 16" o.c. with 2 bridging lines arranged so that the maximum spacing does not exceed 48" o.c.

7.3 FLOOR JOIST – Single span

Given:

Specified (unfactored) Loads: Live load (L) = 40 psf
Dead load (D) = 15 psf

Single span length = 16'-0"
Joist spacing = 16" o.c.
Deflection limit = L/360
Select a joist section

Solution:

Strength

Factored load combination = 1.25D + 1.5L
P_f = 1.25(15) + 1.5(40) = 78.8 psf

Try 800S162-54 joists at 16" o.c.

From Floor Joist Load table, the factored uniformly distributed single span Strength Resistance = 91 psf
Since 91 psf > 78.8 psf **∴OK**

Deflection

From Floor Joist Load table, the specified uniformly distributed single span L/360 deflection load is 44 psf
Since 44 psf > 40 psf **∴OK**

Conclusion:

Use ***800S162-54*** section spaced at 16" o.c.
Web stiffeners are not required based on an end bearing length of 3.5". If end bearing length is less than 3.5", web crippling must be checked.

7.4 CURTAIN WALL – Single span

Given:

Specified (unfactored) wind load = 30 psf
Stud height = 12'-0"
Stud spacing = 24" o.c.
Deflection limit = L/360
Select a stud section

Solution:

Try 600S162-43 studs at 24" o.c.

From Single Span Curtain Wall Limiting Heights table under 30 psf specified wind load, the limiting stud height is 12'-4".
Since 12'-4" > 12'-0" **∴OK**

Conclusion:
Use ***600S162-43*** section spaced at 24" o.c. Web stiffeners are not required.

7.5 CURTAIN WALL – Double span

Given:
Specified (unfactored) wind load = 50 psf
Stud height = 10'-0"
Stud spacing = 24" o.c.
Deflection limit = L/360
Select a stud section

Solution:
Try 800S162-43 studs at 24" o.c.

From Double Span Curtain Wall Limiting Heights table under 50 psf specified wind load, the limiting stud height is 10'-3"a
Since 10'-3" > 10'-0" **∴OK**

Conclusion:
Use ***800S162-43*** section spaced at 24" o.c. Web stiffeners are required at end and interior supports.

7.6 USE OF WEB CRIPPLING DATA TABLE – Single web member

Given:
Single web C-section
Depth = 8 in.
Designation thickness = 54 mil; Base Design Thickness, t = 0.0566 in.
Bearing length, N = 3 in.

Determine the factored end one flange (EOF) web crippling resistance.

Solution:

From the Factored Web Crippling Data table for Single Web Members

P_{eo1} = 305 lb; P_{eo2} = 107 lb

$$P_{rEOF} = P_{eo1} + P_{eo2}\sqrt{\frac{N}{t}} = 305 + 107\sqrt{\frac{3}{0.0566}} = 1{,}083\,\text{lb}$$

Conclusion:
The factored end one flange (EOF) web crippling resistance, P_{rEOF} = ***1,083 lb***
This value can also be obtained directly from the factored web crippling resistance load table.

C-Section Properties

Table Notes

1. Inside bend radius values are given in the General Notes.
2. Gross section properties are based on the full-unreduced cross section, away from the punch-outs.
3. The factored moment resistance for design is based on the lesser of local and distortional buckling.
4. Distortional buckling is based on an assumed rotational stiffness of $K_\phi = 0$.

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Weight	Area	I_x	r_x	I_y	r_y	V_{rg}	I_{xd}	S_{xe}	M_{rxLB}^*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	Jx1000	C_w	x_o	m	r_o	ß	L_u	M_{rxUL}
	(in.)	(in.)	(ksi)	(lb/ft)	(in^2)	(in^4)	(in.)	(in^4)	(in.)	(kip)	(in^4)	(in^3)	(k-in)	(k-in)	(kip)	(k-in)	(k-in)	(k-in)	(in^4)	(in^6)	(in.)	(in.)	(in.)		(in.)	(k-in)
162S125-18	0.188	0.0188	33	0.273	0.0802	0.0378	0.686	0.0160	0.447	0.387	0.0330	0.0307	0.912	0.865	0.127	0.523	0.532	0.443	0.00944	0.00918	1.03	0.594	1.32	0.388	29.0	0.789
162S125-33	0.188	0.0346	33	0.495	0.145	0.0671	0.679	0.0281	0.440	0.769	0.0660	0.0692	2.06	1.92	0.134	0.931	0.931	0.988	0.0580	0.0157	1.01	0.583	1.29	0.391	29.2	1.82
250S125-18	0.188	0.0188	33	0.329	0.097	0.0993	1.01	0.0186	0.439	0.329	0.0880	0.0594	1.77	1.38	0.250	0.538	0.597	0.457	0.0114	0.0233	0.904	0.543	1.43	0.599	28.9	1.38
250S125-33	0.188	0.0346	33	0.598	0.176	0.178	1.01	0.0327	0.431	1.25	0.175	0.125	3.72	3.16	0.510	1.02	1.05	1.03	0.0701	0.0404	0.885	0.532	1.41	0.605	28.8	3.16
250S125-43	0.188	0.0451	33	0.772	0.227	0.228	1.00	0.0413	0.426	1.62	0.225	0.177	5.24	4.48	0.505	1.32	1.32	1.39	0.154	0.0504	0.873	0.525	1.40	0.608	28.8	4.35
250S125-54	0.188	0.0566	50	0.954	0.280	0.277	0.994	0.0492	0.419	3.01	0.274	0.209	9.39	7.86	0.723	2.38	2.38	2.51	0.299	0.0604	0.859	0.518	1.38	0.612	23.2	6.83
250S162-33	0.500	0.0346	33	0.759	0.223	0.235	1.03	0.0870	0.624	1.25	0.235	0.180	5.34	5.10	0.510	2.36	2.46	2.55	0.0891	0.146	1.47	0.859	1.90	0.401	44.1	5.10
250S162-43	0.500	0.0451	33	0.983	0.289	0.302	1.02	0.111	0.620	1.62	0.302	0.240	7.85	7.07	0.505	3.10	3.14	3.31	0.196	0.184	1.46	0.852	1.89	0.402	42.0	7.04
250S162-54	0.500	0.0566	50	1.22	0.358	0.370	1.02	0.135	0.613	3.01	0.370	0.284	14.1	12.4	0.723	5.71	5.76	6.08	0.383	0.223	1.44	0.845	1.87	0.404	33.9	12.0
250S162-68	0.500	0.0713	50	1.51	0.444	0.450	1.01	0.162	0.605	3.67	0.450	0.357	18.2	16.1	0.664	6.91	6.91	7.30	0.751	0.268	1.42	0.835	1.85	0.405	33.7	14.9
362S125-18	0.188	0.0188	33	0.401	0.118	0.234	1.41	0.0209	0.421	0.221	0.210	0.0747	2.22	2.07	0.209	0.540	0.614	0.475	0.0139	0.0539	0.786	0.490	1.67	0.778	28.8	1.91
362S125-33	0.188	0.0346	33	0.730	0.215	0.421	1.40	0.0366	0.413	1.31	0.414	0.182	5.40	4.89	0.667	1.03	1.08	1.08	0.0856	0.0939	0.769	0.480	1.65	0.783	28.5	4.67
362S125-43	0.188	0.0451	33	0.945	0.278	0.541	1.40	0.0463	0.408	2.22	0.535	0.269	7.98	7.05	0.864	1.35	1.36	1.46	0.188	0.118	0.758	0.473	1.64	0.786	28.4	6.55
362S125-54	0.188	0.0566	50	1.17	0.344	0.661	1.39	0.0552	0.400	4.31	0.655	0.321	14.4	12.5	1.30	2.44	2.45	2.63	0.367	0.142	0.744	0.466	1.62	0.790	22.8	10.1
362S162-33	0.500	0.0346	33	0.892	0.262	0.551	1.45	0.0993	0.616	1.31	0.551	0.268	7.95	7.79	0.667	2.38	2.53	2.64	0.105	0.297	1.31	0.789	2.05	0.592	42.6	7.78
362S162-43	0.500	0.0451	33	1.16	0.340	0.710	1.45	0.127	0.611	2.22	0.710	0.372	11.0	10.9	0.864	3.13	3.23	3.46	0.230	0.376	1.30	0.782	2.04	0.594	42.5	10.7
362S162-54	0.500	0.0566	50	1.44	0.422	0.873	1.44	0.154	0.604	4.31	0.873	0.443	20.0	19.3	1.30	5.78	5.94	6.37	0.451	0.457	1.28	0.774	2.02	0.597	34.4	18.4
362S162-68	0.500	0.0713	50	1.78	0.524	1.07	1.43	0.186	0.596	5.59	1.07	0.574	25.8	25.4	1.29	7.12	7.13	7.67	0.887	0.552	1.26	0.765	2.00	0.600	34.4	23.3
362S162-97	0.500	0.1017	50	2.46	0.724	1.44	1.41	0.241	0.577	7.61	1.44	0.776	41.4	41.4	1.12	9.17	9.17	9.93	2.50	0.723	1.23	0.745	1.95	0.606	31.5	31.7
362S200-33	0.625	0.0346	33	1.01	0.297	0.648	1.48	0.177	0.772	1.31	0.637	0.294	8.73	8.96	0.667	3.58	3.69	3.79	0.118	0.577	1.74	1.03	2.41	0.478	53.5	8.73
362S200-43	0.625	0.0451	33	1.31	0.385	0.836	1.47	0.227	0.767	2.22	0.836	0.427	12.7	12.6	0.864	4.74	4.92	5.28	0.261	0.734	1.73	1.02	2.40	0.480	53.5	12.6
362S200-54	0.625	0.0566	50	1.63	0.479	1.03	1.47	0.277	0.761	4.31	1.03	0.489	22.0	22.2	1.30	8.80	9.10	9.39	0.511	0.896	1.72	1.02	2.38	0.482	43.3	21.7
362S200-68	0.625	0.0713	50	2.03	0.595	1.27	1.46	0.337	0.753	5.59	1.27	0.666	30.0	29.5	1.29	11.0	11.0	11.9	1.01	1.09	1.70	1.01	2.36	0.484	43.3	29.4
362S200-97	0.625	0.1017	50	2.81	0.826	1.71	1.44	0.446	0.735	7.61	1.71	0.929	48.1	48.2	1.12	14.5	14.5	15.7	2.85	1.44	1.66	0.986	2.32	0.487	40.4	40.9
362S250-33	0.625	0.0346	33	1.13	0.331	0.760	1.51	0.299	0.951	1.31	0.715	0.315	9.36	9.56	0.667	4.93	5.10	4.68	0.132	0.965	2.21	1.28	2.84	0.395	64.1	9.36
362S250-43	0.625	0.0451	33	1.46	0.430	0.980	1.51	0.385	0.946	2.22	0.973	0.449	13.3	13.6	0.864	6.53	6.80	6.63	0.292	1.23	2.20	1.28	2.83	0.396	64.1	13.3
362S250-54	0.625	0.0566	50	1.82	0.535	1.21	1.50	0.473	0.940	4.31	1.16	0.514	23.1	23.8	1.30	12.2	12.6	11.7	0.571	1.51	2.18	1.27	2.81	0.397	51.9	23.1
362S250-68	0.625	0.0713	50	2.27	0.666	1.49	1.50	0.578	0.931	5.59	1.47	0.689	31.0	31.8	1.29	15.3	15.4	15.6	1.13	1.84	2.17	1.26	2.79	0.398	52.0	31.0
362S250-97	0.625	0.1017	50	3.16	0.927	2.03	1.48	0.773	0.913	7.61	2.03	1.05	52.9	48.7	1.12	20.4	20.4	22.3	3.20	2.45	2.13	1.24	2.75	0.401	49.3	47.5
362S300-33[3]	0.625	0.0346	33	1.25	0.366	0.871	1.54	0.463	1.13	1.31	0.781	0.328	9.74	9.98	0.667	6.45	6.69	5.54	0.146	1.48	2.69	1.54	3.30	0.336	74.2	9.74
362S300-43[3]	0.625	0.0451	33	1.62	0.475	1.12	1.54	0.596	1.12	2.22	1.06	0.459	13.6	14.3	0.864	8.55	8.91	7.91	0.322	1.89	2.67	1.53	3.28	0.336	74.3	13.6
362S300-54	0.625	0.0566	50	2.01	0.592	1.39	1.53	0.734	1.11	4.31	1.26	0.528	23.8	25.0	1.30	16.0	16.6	13.9	0.632	2.32	2.66	1.52	3.27	0.337	60.2	23.8
362S300-68	0.625	0.0713	50	2.51	0.738	1.72	1.53	0.900	1.11	5.59	1.62	0.716	32.2	33.7	1.29	20.1	20.3	18.8	1.25	2.83	2.64	1.51	3.24	0.337	60.3	32.2
362S300-97	0.625	0.1017	50	3.50	1.03	2.34	1.51	1.21	1.09	7.61	2.31	1.15	51.7	52.3	1.12	27.1	27.1	28.9	3.55	3.80	2.60	1.49	3.20	0.338	60.8	51.7
400S125-18[1]	0.188	0.0188	33	0.425	0.125	0.294	1.54	0.0214	0.414	0.199	0.264	0.083	2.46	2.31	0.199	0.542	0.628	0.481	0.0147	0.0676	0.754	0.475	1.76	0.817	28.7	2.12
400S125-33	0.188	0.0346	33	0.774	0.228	0.531	1.53	0.0377	0.407	1.25	0.523	0.203	6.02	5.48	0.760	1.04	1.10	1.09	0.0908	0.118	0.738	0.465	1.74	0.821	28.4	5.21
400S125-43	0.188	0.0451	33	1.00	0.295	0.682	1.52	0.0476	0.402	2.22	0.675	0.301	8.95	7.94	1.04	1.36	1.39	1.47	0.200	0.148	0.727	0.459	1.73	0.824	28.2	7.31
400S125-54	0.188	0.0566	50	1.24	0.365	0.836	1.51	0.0567	0.394	4.31	0.828	0.361	16.2	14.1	1.56	2.46	2.51	2.66	0.390	0.178	0.713	0.451	1.72	0.828	22.7	11.3
400S162-33	0.500	0.0346	33	0.936	0.275	0.692	1.59	0.103	0.611	1.25	0.692	0.299	8.87	8.71	0.760	2.39	2.59	2.67	0.110	0.363	1.26	0.768	2.12	0.644	42.3	8.67
400S162-43	0.500	0.0451	33	1.21	0.357	0.892	1.58	0.131	0.606	2.22	0.892	0.417	12.4	12.3	1.04	3.15	3.31	3.50	0.242	0.460	1.25	0.761	2.11	0.647	42.1	12.0
400S162-54	0.500	0.0566	50	1.51	0.443	1.10	1.57	0.159	0.600	4.31	1.10	0.497	22.4	21.7	1.56	5.83	6.08	6.44	0.473	0.560	1.24	0.754	2.09	0.649	34.0	20.6

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Weight	Area	I_x	r_x	I_y	r_y	V_{rg}	I_{xd}	S_{xe}	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	Jx1000	C_w	x_o	m	r_o	ß	L_u	M_{rxUL}
	(in.)	(in.)	(ksi)	(lb/ft)	(in^2)	(in^4)	(in.)	(in^4)	(in.)	(kip)	(in^4)	(in^3)	(k-in)	(k-in)	(kip)	(k-in)	(k-in)	(k-in)	(in^4)	(in^6)	(in.)	(in.)	(in.)		(in.)	(k-in)
400S162-68	0.500	0.0713	50	1.87	0.550	1.35	1.56	0.192	0.591	6.24	1.35	0.648	29.2	28.7	1.74	7.21	7.31	7.76	0.933	0.677	1.22	0.745	2.07	0.653	34.0	26.2
400S162-97	0.500	0.1017	50	2.59	0.762	1.81	1.54	0.250	0.572	8.52	1.81	0.892	47.6	47.6	1.55	9.42	9.42	10.1	2.63	0.889	1.18	0.725	2.03	0.660	31.1	36.2
400S200-33	0.625	0.0346	33	1.05	0.310	0.812	1.62	0.183	0.769	1.25	0.798	0.328	9.75	10.0	0.760	3.60	3.77	3.82	0.124	0.697	1.69	1.01	2.46	0.530	53.1	9.75
400S200-43	0.625	0.0451	33	1.37	0.402	1.05	1.62	0.235	0.764	2.22	1.05	0.478	14.2	14.1	1.04	4.77	5.04	5.32	0.272	0.886	1.68	1.00	2.45	0.532	53.0	14.1
400S200-54	0.625	0.0566	50	1.70	0.500	1.29	1.61	0.287	0.758	4.31	1.29	0.548	24.7	24.9	1.56	8.87	9.32	9.47	0.534	1.08	1.66	0.993	2.43	0.534	42.9	24.3
400S200-68	0.625	0.0713	50	2.12	0.622	1.59	1.60	0.349	0.750	6.24	1.59	0.750	33.8	33.1	1.74	11.1	11.3	12.1	1.05	1.32	1.64	0.983	2.41	0.536	42.9	33.1
400S200-97	0.625	0.1017	50	2.94	0.864	2.16	1.58	0.463	0.732	8.52	2.16	1.06	55.1	55.1	1.55	14.9	14.9	15.9	2.98	1.75	1.61	0.963	2.37	0.541	39.9	46.6
400S250-33[3]	0.625	0.0346	33	1.17	0.344	0.948	1.66	0.310	0.949	1.25	0.894	0.352	10.4	10.6	0.760	4.95	5.23	4.71	0.137	1.17	2.15	1.26	2.88	0.441	63.7	10.4
400S250-43	0.625	0.0451	33	1.52	0.447	1.22	1.66	0.399	0.945	2.22	1.22	0.502	14.9	15.1	1.04	6.57	6.97	6.66	0.303	1.49	2.14	1.25	2.87	0.443	63.6	14.9
400S250-54	0.625	0.0566	50	1.89	0.556	1.51	1.65	0.490	0.938	4.31	1.45	0.575	25.9	26.5	1.56	12.3	12.9	11.8	0.594	1.82	2.12	1.24	2.85	0.444	51.5	25.9
400S250-68	0.625	0.0713	50	2.36	0.693	1.86	1.64	0.599	0.929	6.24	1.84	0.774	34.8	35.6	1.74	15.4	15.8	15.7	1.17	2.23	2.11	1.24	2.83	0.445	51.6	34.8
400S250-97	0.625	0.1017	50	3.29	0.966	2.54	1.62	0.801	0.911	8.52	2.54	1.19	60.2	54.8	1.55	21.0	21.0	22.6	3.33	2.98	2.07	1.21	2.78	0.448	48.8	54.1
400S300-33[3]	0.625	0.0346	33	1.29	0.379	1.08	1.69	0.479	1.13	1.25	0.974	0.366	10.9	11.0	0.760	6.47	6.86	5.56	0.151	1.79	2.62	1.51	3.32	0.375	73.9	10.9
400S300-43[3]	0.625	0.0451	33	1.67	0.492	1.40	1.69	0.617	1.12	2.22	1.32	0.513	15.2	15.8	1.04	8.60	9.13	7.95	0.334	2.28	2.61	1.50	3.30	0.376	73.9	15.2
400S300-54	0.625	0.0566	50	2.09	0.613	1.73	1.68	0.760	1.11	4.31	1.57	0.591	26.6	27.8	1.56	16.1	17.0	14.0	0.655	2.80	2.59	1.50	3.29	0.377	59.8	26.6
400S300-68	0.625	0.0713	50	2.60	0.764	2.14	1.67	0.933	1.11	6.24	2.02	0.804	36.2	37.5	1.74	20.3	20.8	18.9	1.30	3.43	2.57	1.49	3.26	0.378	59.9	36.2
400S300-97	0.625	0.1017	50	3.63	1.07	2.93	1.66	1.26	1.09	8.52	2.88	1.31	58.8	58.5	1.55	27.9	27.9	29.1	3.68	4.62	2.53	1.47	3.22	0.379	60.3	58.5

* Cold work of forming was applied when applicable as per Section A3.3.2.

[1] Web depth to thickness ratio, h/t, exceeds 200. Web stiffeners are required at all support points and concentrated load.

[2] h/t exceeds 260; [3] Flange width-to-thickness ratio exceeds 60.

M_{rxUL} = Factored moment resistance based on an unsupported length of 48 in.

C-Section Properties

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip	Base Design Thickness	F_y	Weight	Area	I_x	r_x	I_y	r_y	V_{rg}	I_{xd}	S_{xe}	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	Jx1000	C_w	x_o	m	r_o	ß	L_u	M_{rxUL}
	(in.)	(in.)	(ksi)	(lb/ft)	(in^2)	(in^4)	(in.)	(in^4)	(in.)	(kip)	(in^4)	(in^3)	(k-in)	(k-in)	(kip)	(k-in)	(k-in)	(k-in)	(in^4)	(in^6)	(in.)	(in.)	(in.)		(in.)	(k-in)
600S125-18[2]	0.188	0.0188	33	0.55	0.162	0.78	2.19	0.0237	0.382	0.130	0.61	0.145	4.30	3.45	0.130	0.545	0.670	0.501	0.0191	0.172	0.623	0.408	2.31	0.927	27.9	3.45
600S125-33	0.188	0.0346	33	1.01	0.297	1.41	2.18	0.0416	0.375	0.815	1.34	0.369	11.0	8.60	0.815	1.06	1.18	1.13	0.118	0.300	0.608	0.399	2.29	0.930	27.5	8.60
600S125-43	0.188	0.0451	33	1.31	0.385	1.82	2.17	0.0526	0.370	1.81	1.79	0.554	16.5	12.7	1.58	1.39	1.49	1.53	0.261	0.378	0.598	0.393	2.28	0.931	27.3	12.7
600S125-54	0.188	0.0566	50	1.63	0.479	2.24	2.16	0.0626	0.362	3.61	2.22	0.672	30.3	22.9	2.49	2.52	2.69	2.76	0.511	0.457	0.586	0.386	2.27	0.933	21.9	19.7
600S162-33	0.500	0.0346	33	1.17	0.344	1.79	2.28	0.116	0.581	0.815	1.79	0.577	17.1	13.7	0.815	2.41	2.77	2.85	0.137	0.861	1.07	0.677	2.59	0.828	41.1	13.7
600S162-43	0.500	0.0451	33	1.52	0.447	2.32	2.28	0.148	0.576	1.81	2.32	0.767	25.1	19.5	1.58	3.21	3.54	3.64	0.303	1.10	1.06	0.670	2.58	0.830	38.9	19.5
600S162-54	0.500	0.0566	50	1.89	0.556	2.86	2.27	0.181	0.570	3.61	2.86	0.915	45.6	34.6	2.49	5.93	6.53	6.70	0.594	1.34	1.05	0.663	2.56	0.833	31.3	34.6
600S162-68	0.500	0.0713	50	2.36	0.693	3.53	2.26	0.218	0.561	6.84	3.52	1.16	59.3	46.7	3.68	7.40	7.86	8.09	1.17	1.63	1.03	0.655	2.54	0.835	30.8	46.4
600S162-97	0.500	0.1017	50	3.29	0.966	4.80	2.23	0.283	0.542	13.4	4.80	1.60	85.3	71.4	4.87	10.0	10.2	10.5	3.33	2.15	1.00	0.636	2.50	0.841	29.7	63.1
600S200-33	0.625	0.0346	33	1.29	0.379	2.08	2.34	0.209	0.743	0.815	2.04	0.621	18.4	15.7	0.815	3.63	4.06	3.97	0.151	1.59	1.46	0.901	2.86	0.740	51.6	15.7
600S200-43	0.625	0.0451	33	1.67	0.492	2.68	2.34	0.268	0.739	1.81	2.68	0.872	25.9	22.3	1.58	4.84	5.43	5.54	0.334	2.03	1.45	0.894	2.84	0.742	51.4	22.3
600S200-54	0.625	0.0566	50	2.09	0.613	3.32	2.33	0.329	0.732	3.61	3.32	1.01	45.7	39.5	2.49	9.01	10.1	9.87	0.655	2.49	1.43	0.887	2.83	0.744	41.5	39.5
600S200-68	0.625	0.0713	50	2.60	0.764	4.10	2.32	0.400	0.723	6.84	4.10	1.32	65.7	53.3	3.68	11.4	12.2	12.6	1.30	3.05	1.42	0.878	2.81	0.746	39.3	53.3
600S200-97	0.625	0.1017	50	3.63	1.07	5.61	2.29	0.530	0.705	13.4	5.61	1.87	97.0	82.6	4.87	15.7	16.2	16.7	3.68	4.08	1.38	0.859	2.77	0.752	38.3	80.9
600S250-33[3]	0.625	0.0346	33	1.41	0.414	2.38	2.40	0.356	0.928	0.815	2.26	0.649	19.3	16.4	0.815	5.00	5.67	4.84	0.165	2.67	1.89	1.14	3.19	0.651	62.5	16.4
600S250-43	0.625	0.0451	33	1.83	0.537	3.08	2.40	0.458	0.923	1.81	3.06	0.918	27.3	23.6	1.58	6.67	7.56	6.87	0.364	3.41	1.87	1.14	3.18	0.652	62.3	23.6
600S250-54	0.625	0.0566	50	2.28	0.670	3.82	2.39	0.562	0.917	3.61	3.66	1.07	48.1	41.5	2.49	12.5	14.1	12.2	0.715	4.19	1.86	1.13	3.16	0.654	50.4	41.5
600S250-68	0.625	0.0713	50	2.84	0.836	4.73	2.38	0.688	0.908	6.84	4.67	1.39	62.3	56.3	3.68	15.8	17.2	16.3	1.42	5.15	1.84	1.12	3.14	0.657	50.3	56.3
600S250-97	0.625	0.1017	50	3.98	1.17	6.50	2.36	0.923	0.889	13.4	6.50	2.06	104	88.7	4.87	22.2	23.0	23.8	4.03	6.95	1.80	1.10	3.10	0.661	47.2	88.7
600S300-33[3]	0.625	0.0346	33	1.53	0.448	2.69	2.45	0.552	1.11	0.815	2.45	0.663	19.7	16.8	0.815	6.53	7.48	5.67	0.179	4.09	2.33	1.39	3.56	0.572	73.0	16.8
600S300-43[3]	0.625	0.0451	33	1.98	0.582	3.48	2.45	0.711	1.11	1.81	3.30	0.944	28.0	24.4	1.58	8.73	10.0	8.13	0.395	5.24	2.31	1.38	3.54	0.574	72.8	24.4
600S300-54	0.625	0.0566	50	2.47	0.726	4.32	2.44	0.875	1.10	3.61	3.94	1.11	49.8	42.9	2.49	16.4	18.6	14.3	0.775	6.45	2.30	1.37	3.53	0.575	59.0	42.9
600S300-68	0.625	0.0713	50	3.09	0.907	5.35	2.43	1.08	1.09	6.84	5.06	1.45	65.0	58.5	3.68	20.8	22.8	19.4	1.54	7.94	2.28	1.36	3.51	0.577	58.9	58.5
600S300-97	0.625	0.1017	50	4.32	1.27	7.38	2.41	1.45	1.07	13.4	7.25	2.25	101	93.2	4.87	29.6	30.7	30.3	4.38	10.8	2.24	1.34	3.46	0.581	58.8	93.2
600S350-54	1.00	0.0566	50	2.81	0.825	5.02	2.47	1.49	1.34	3.61	4.66	1.33	60.1	53.0	2.49	24.8	26.3	23.1	0.881	12.9	3.04	1.79	4.14	0.461	74.3	53.0
600S350-68	1.00	0.0713	50	3.51	1.03	6.24	2.46	1.84	1.34	6.84	6.07	1.77	79.6	72.2	3.68	32.5	34.8	30.9	1.75	16.0	3.02	1.78	4.12	0.462	74.3	72.2
600S350-97	1.00	0.1017	50	4.93	1.45	8.63	2.44	2.52	1.32	13.4	8.63	2.59	117	114	4.87	46.6	48.9	48.6	4.99	21.8	2.98	1.76	4.07	0.464	74.3	114
800S125-33[1]	0.188	0.0346	33	1.25	0.366	2.88	2.81	0.0441	0.347	0.605	2.61	0.507	15.1	11.3	0.605	1.07	1.22	1.14	0.146	0.582	0.519	0.349	2.88	0.967	26.6	11.3
800S125-43	0.188	0.0451	33	1.62	0.475	3.72	2.80	0.0556	0.342	1.34	3.53	0.772	22.9	17.1	1.34	1.40	1.55	1.56	0.322	0.735	0.510	0.344	2.87	0.968	26.3	17.1
800S125-54	0.188	0.0566	50	2.01	0.592	4.59	2.79	0.0663	0.335	2.67	4.38	0.941	42.4	31.0	2.67	2.55	2.80	2.81	0.632	0.889	0.499	0.338	2.85	0.969	21.1	26.3
800S162-33[1]	0.500	0.0346	33	1.41	0.414	3.58	2.94	0.125	0.550	0.605	3.36	0.709	21.1	18.3	0.605	2.42	2.87	2.85	0.165	1.63	0.936	0.607	3.14	0.911	40.0	18.3
800S162-43	0.500	0.0451	33	1.83	0.537	4.63	2.94	0.160	0.546	1.34	4.48	1.02	30.3	26.5	1.34	3.23	3.66	3.72	0.364	2.08	0.926	0.601	3.13	0.912	39.8	26.5
800S162-54	0.500	0.0566	50	2.28	0.670	5.74	2.93	0.194	0.539	2.67	5.57	1.23	55.3	47.1	2.67	5.97	6.75	6.85	0.715	2.54	0.914	0.594	3.11	0.914	32.1	47.1
800S162-68	0.500	0.0713	50	2.84	0.836	7.09	2.91	0.235	0.530	5.39	7.05	1.66	74.8	64.5	4.30	7.47	8.14	8.27	1.42	3.09	0.898	0.586	3.09	0.916	31.8	64.5
800S162-97	0.500	0.1017	50	3.98	1.17	9.72	2.88	0.305	0.511	13.9	9.71	2.43	109	103	7.60	10.2	10.6	10.8	4.03	4.11	0.866	0.568	3.05	0.920	31.3	93.6
800S200-33[1]	0.625	0.0346	33	1.53	0.448	4.10	3.02	0.227	0.712	0.605	4.02	0.815	24.2	21.1	0.605	3.65	4.22	4.10	0.179	2.97	1.29	0.817	3.36	0.853	50.5	21.1
800S200-43	0.625	0.0451	33	1.98	0.582	5.30	3.02	0.292	0.708	1.34	5.30	1.29	38.4	30.5	1.34	4.87	5.63	5.72	0.395	3.80	1.28	0.811	3.35	0.855	50.3	30.5
800S200-54	0.625	0.0566	50	2.47	0.726	6.57	3.01	0.357	0.701	2.67	6.57	1.50	67.4	54.1	2.67	9.06	10.4	10.2	0.775	4.66	1.27	0.804	3.34	0.856	40.6	54.1
800S200-68	0.625	0.0713	50	3.09	0.907	8.14	3.00	0.435	0.692	5.39	8.14	1.96	98.0	73.8	4.30	11.4	12.7	12.9	1.54	5.71	1.25	0.796	3.32	0.859	38.4	73.8
800S200-97	0.625	0.1017	50	4.32	1.27	11.2	2.97	0.576	0.674	13.9	11.2	2.80	145	117	7.60	16.0	16.8	17.1	4.38	7.68	1.21	0.777	3.28	0.863	37.2	117
800S250-43	0.625	0.0451	33	2.13	0.627	6.02	3.10	0.500	0.893	1.34	5.98	1.31	39.0	32.1	1.34	6.71	7.88	7.09	0.425	6.37	1.68	1.04	3.63	0.787	61.5	32.1
800S250-54	0.625	0.0566	50	2.66	0.783	7.47	3.09	0.614	0.886	2.67	7.17	1.52	68.6	56.7	2.67	12.5	14.7	12.6	0.836	7.85	1.66	1.04	3.62	0.789	49.7	56.7
800S250-68	0.625	0.0713	50	3.33	0.978	9.26	3.08	0.752	0.877	5.39	9.14	2.06	92.6	77.7	4.30	15.9	17.9	16.8	1.66	9.65	1.64	1.03	3.60	0.791	49.5	77.7
800S250-97	0.625	0.1017	50	4.67	1.37	12.8	3.05	1.01	0.857	13.9	12.8	3.05	154	125	7.60	22.6	24.0	24.5	4.73	13.1	1.61	1.01	3.56	0.796	46.3	125
800S300-43[3]	0.625	0.0451	33	2.29	0.672	6.73	3.16	0.779	1.08	1.34	6.40	1.31	39.0	33.0	1.34	8.77	10.4	8.33	0.456	9.79	2.09	1.28	3.94	0.719	72.3	33.0

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Stud Designation	Lip (in.)	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rxLB}* (k-in)	M_{rxDB} (k-in)	V_{rn} (kip)	M_{ryLB} web comp. (k-in)	M_{ryLB} lip comp. (k-in)	M_{ryDB} lip comp. (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)	M_{rxUL} (k-in)
800S300-54	0.625	0.0566	50	2.86	0.839	8.36	3.16	0.959	1.07	2.67	7.66	1.53	69.0	58.3	2.67	16.5	19.4	14.7	0.896	12.1	2.07	1.27	3.92	0.721	58.5	58.3
800S300-68	0.625	0.0713	50	3.57	1.05	10.4	3.15	1.18	1.06	5.39	9.84	2.14	96.5	80.3	4.30	21.0	23.9	20.0	1.78	14.9	2.06	1.26	3.90	0.723	58.3	80.3
800S300-97	0.625	0.1017	50	5.02	1.47	14.4	3.12	1.60	1.04	13.9	14.1	3.30	149	130	7.60	30.0	32.2	31.3	5.08	20.3	2.02	1.24	3.86	0.727	58.0	130
800S350-54	1.00	0.0566	50	3.19	0.938	9.68	3.21	1.65	1.32	2.67	9.03	1.87	84.1	72.1	2.67	25.1	27.6	23.5	1.00	22.9	2.77	1.67	4.44	0.612	73.0	72.1
800S350-68	1.00	0.0713	50	4.00	1.17	12.0	3.20	2.03	1.32	5.39	11.8	2.60	117	98.8	4.30	32.7	36.6	31.9	1.99	28.3	2.75	1.66	4.42	0.614	72.9	98.8
800S350-97	1.00	0.1017	50	5.62	1.65	16.7	3.18	2.78	1.30	13.9	16.7	3.78	170	158	7.60	47.2	51.4	49.9	5.70	38.8	2.71	1.64	4.38	0.617	72.6	158

* Cold work of forming was applied when applicable as per Section A3.3.2.

[1] Web depth to thickness ratio, h/t, exceeds 200. Web stiffeners are required at all support points and concentrated load.

[2] h/t exceeds 260; [3] Flange width-to-thickness ratio exceeds 60.

M_{rxUL} = Factored moment resistance based on an unsupported length of 48 in.

C-Section Properties

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Joist Designation	Lip	Base Design Thickness	F_y	Weight	Area	I_x	r_x	I_y	r_y	V_{rg}	I_{xd}	S_{xe}	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	Jx1000	C_w	x_o	m	r_o	ß	L_u	M_{rxUL}
	(in.)	(in.)	(ksi)	(lb/ft)	(in^2)	(in^4)	(in.)	(in^4)	(in.)	(kip)	(in^4)	(in^3)	(in-k)	(in-k)	(kip)	(k-in)	(k-in)	(k-in)	(in^4)	(in^6)	(in.)	(in.)	(in.)		(in.)	(k-in)
1000S162-33[2]	0.500	0.0346	33	1.64	0.483	6.20	3.58	0.132	0.522	0.482	5.56	0.900	26.7	22.2	0.482	2.43	2.92	2.88	0.193	2.69	0.832	0.550	3.72	0.950	39.0	22.2
1000S162-43[1]	0.500	0.0451	33	2.13	0.627	8.03	3.58	0.168	0.518	1.07	7.48	1.30	38.7	32.6	1.07	3.24	3.73	3.77	0.425	3.43	0.823	0.545	3.71	0.951	38.8	32.6
1000S162-54	0.500	0.0566	50	2.66	0.783	9.95	3.57	0.204	0.511	2.12	9.31	1.57	70.7	58.2	2.12	5.99	6.88	6.95	0.836	4.20	0.812	0.538	3.69	0.952	31.3	58.2
1000S162-68	0.500	0.0713	50	3.33	0.978	12.3	3.55	0.247	0.502	4.27	11.9	2.15	96.9	80.9	4.27	7.50	8.31	8.39	1.66	5.12	0.798	0.531	3.67	0.953	31.0	80.9
1000S162-97	0.500	0.1017	50	4.67	1.37	17.0	3.52	0.320	0.483	12.6	17.0	3.27	147	132	9.17	10.2	10.8	10.9	4.73	6.83	0.768	0.514	3.63	0.955	30.4	126
1000S200-43[1]	0.625	0.0451	33	2.29	0.672	9.09	3.68	0.309	0.677	1.07	8.55	1.47	43.6	38.2	1.07	4.88	5.8	5.81	0.456	6.24	1.15	0.743	3.91	0.914	49.3	38.2
1000S200-54	0.625	0.0566	50	2.86	0.839	11.3	3.67	0.378	0.671	2.12	10.6	1.70	76.7	67.7	2.12	9.09	10.7	10.4	0.896	7.67	1.14	0.737	3.90	0.915	39.8	67.7
1000S200-68	0.625	0.0713	50	3.57	1.05	14.0	3.65	0.460	0.662	4.27	13.6	2.42	109	93.5	4.27	11.5	13.0	13.2	1.78	9.40	1.12	0.729	3.88	0.917	39.6	93.5
1000S200-97	0.625	0.1017	50	5.02	1.47	19.3	3.62	0.610	0.643	12.6	19.3	3.74	168	151	9.17	16.1	17.2	17.4	5.08	12.7	1.09	0.711	3.84	0.920	39.0	151
1000S250-43[1]	0.625	0.0451	33	2.44	0.718	10.2	3.77	0.531	0.860	1.07	10.1	1.62	48.0	40.3	1.07	6.73	8.09	7.27	0.486	10.5	1.52	0.965	4.16	0.867	60.6	40.3
1000S250-54	0.625	0.0566	50	3.05	0.896	12.7	3.76	0.653	0.854	2.12	12.2	1.88	84.5	71.5	2.12	12.6	15.1	12.9	0.957	12.9	1.51	0.958	4.14	0.868	49.1	71.5
1000S250-68	0.625	0.0713	50	3.81	1.12	15.8	3.75	0.799	0.844	4.27	15.6	2.77	124	98.8	4.27	16.0	18.4	17.2	1.90	15.9	1.49	0.950	4.12	0.870	48.8	98.8
1000S250-97	0.625	0.1017	50	5.36	1.58	21.8	3.72	1.07	0.825	12.6	21.8	4.18	211	161	9.17	22.7	24.7	25.0	5.43	21.6	1.45	0.932	4.08	0.873	45.6	161
1000S300-54	0.625	0.0566	50	3.24	0.953	14.1	3.85	1.02	1.04	2.12	12.8	1.90	85.5	73.6	2.12	16.5	20.0	15.1	1.02	19.9	1.89	1.19	4.41	0.816	58.0	73.6
1000S300-68	0.625	0.0713	50	4.06	1.19	17.5	3.83	1.26	1.03	4.27	16.6	2.80	126	102	4.27	21.1	24.6	20.5	2.02	24.6	1.87	1.18	4.39	0.818	57.8	102
1000S300-97	0.625	0.1017	50	5.71	1.68	24.3	3.81	1.70	1.01	12.6	23.9	4.50	202	167	9.17	30.2	33.2	32.1	5.78	33.6	1.84	1.16	4.35	0.821	57.4	167
1000S350-54	1.00	0.0566	50	3.58	1.05	16.2	3.93	1.77	1.30	2.12	15.1	2.33	105	91.3	2.12	25.3	28.5	24.0	1.12	36.6	2.55	1.57	4.86	0.725	72.1	91.3
1000S350-68	1.00	0.0713	50	4.48	1.32	20.2	3.92	2.18	1.29	4.27	19.7	3.41	154	126	4.27	32.8	37.7	32.6	2.23	45.3	2.53	1.56	4.84	0.727	71.9	126
1000S350-97	1.00	0.1017	50	6.31	1.86	28.2	3.90	2.99	1.27	12.6	28.1	5.12	230	204	9.17	47.5	53.1	51.1	6.40	62.3	2.49	1.54	4.80	0.730	71.6	204
1200S162-54[1]	0.500	0.0566	50	3.05	0.896	15.7	4.19	0.212	0.486	1.76	14.1	1.91	86.1	67.6	1.76	6.00	6.97	7.02	0.957	6.34	0.732	0.493	4.28	0.971	30.4	67.6
1200S162-68	0.500	0.0713	50	3.81	1.12	19.5	4.17	0.255	0.477	3.54	18.3	2.64	119	95.2	3.54	7.52	8.42	8.48	1.90	7.74	0.719	0.485	4.26	0.972	30.2	95.2
1200S162-97	0.500	0.1017	50	5.36	1.58	27.0	4.14	0.332	0.459	10.4	26.6	4.09	184	159	9.47	10.3	11.0	11.0	5.43	10.3	0.691	0.470	4.22	0.973	29.5	155
1200S200-54[1]	0.625	0.0566	50	3.24	0.953	17.7	4.31	0.394	0.643	1.76	16.1	2.07	93.2	79.8	1.76	9.11	10.8	10.4	1.02	11.6	1.03	0.681	4.48	0.947	39.0	79.8
1200S200-68	0.625	0.0713	50	4.06	1.19	22.0	4.29	0.479	0.634	3.54	20.7	2.96	133	111	3.54	11.5	13.2	13.3	2.02	14.2	1.02	0.673	4.46	0.948	38.7	111
1200S200-97	0.625	0.1017	50	5.71	1.68	30.4	4.26	0.635	0.615	10.4	30.1	4.66	210	184	9.47	16.1	17.5	17.7	5.78	19.1	0.987	0.656	4.42	0.950	38.1	184
1200S250-54[1]	0.625	0.0566	50	3.43	1.01	19.7	4.42	0.683	0.823	1.76	17.3	2.15	96.6	85.1	1.76	12.6	15.3	13.1	1.08	19.5	1.38	0.892	4.70	0.914	48.3	85.1
1200S250-68	0.625	0.0713	50	4.30	1.26	24.5	4.40	0.836	0.813	3.54	22.9	3.01	135	119	3.54	16.0	18.8	17.5	2.14	24.0	1.36	0.884	4.68	0.915	48.1	119
1200S250-97	0.625	0.1017	50	6.05	1.78	34.0	4.37	1.12	0.794	10.4	33.7	5.04	227	196	9.47	22.8	25.2	25.4	6.13	32.7	1.33	0.867	4.64	0.918	47.5	196
1200S300-54[1]	0.625	0.0566	50	3.63	1.07	21.7	4.51	1.07	1.00	1.76	18.8	2.27	102	88.2	1.76	16.5	20.4	15.4	1.14	30.1	1.74	1.11	4.94	0.876	57.4	88.2
1200S300-68	0.625	0.0713	50	4.54	1.33	27.0	4.50	1.32	0.994	3.54	25.7	3.32	149	123	3.54	21.1	25.1	20.9	2.26	37.1	1.73	1.10	4.92	0.877	57.2	123
1200S300-97	0.625	0.1017	50	6.40	1.88	37.6	4.47	1.79	0.975	10.4	37.0	5.83	262	205	9.47	30.3	33.9	32.7	6.48	50.9	1.69	1.09	4.88	0.880	56.7	205
1200S350-54[1]	1.00	0.0566	50	3.96	1.16	24.9	4.62	1.87	1.27	1.76	22.2	2.79	125	110	1.76	25.4	29.1	24.5	1.24	54.3	2.36	1.48	5.34	0.804	71.4	110
1200S350-68	1.00	0.0713	50	4.97	1.46	31.0	4.61	2.31	1.26	3.54	30.3	4.06	183	152	3.54	32.9	38.5	33.3	2.47	67.3	2.35	1.47	5.32	0.806	71.1	152
1200S350-97	1.00	0.1017	50	7.01	2.06	43.3	4.59	3.16	1.24	10.4	43.3	6.59	296	249	9.47	47.6	54.2	52.2	7.10	92.7	2.31	1.45	5.28	0.809	70.7	249
1400S162-54[1]	0.500	0.0566	50	3.43	1.01	23.3	4.81	0.218	0.464	1.50	20.1	2.25	101	75.5	1.50	6.01	7.04	7.07	1.08	8.98	0.667	0.454	4.87	0.981	29.7	75.5
1400S162-68	0.500	0.0713	50	4.30	1.26	29.0	4.79	0.262	0.456	3.02	26.1	3.13	141	107	3.02	7.53	8.49	8.54	2.14	11.0	0.654	0.447	4.85	0.982	29.4	107
1400S162-97	0.500	0.1017	50	6.05	1.78	40.1	4.75	0.341	0.438	8.86	38.6	4.91	221	183	8.86	10.3	11.1	11.1	6.13	14.7	0.628	0.433	4.81	0.983	28.7	183
1400S200-54[1]	0.625	0.0566	50	3.63	1.07	26.0	4.94	0.406	0.617	1.50	22.8	2.44	110	90.1	1.50	9.12	11.0	10.4	1.14	16.4	0.946	0.633	5.06	0.965	38.2	90.1
1400S200-68	0.625	0.0713	50	4.54	1.33	32.3	4.92	0.494	0.608	3.02	29.5	3.50	158	127	3.02	11.5	13.3	13.4	2.26	20.1	0.932	0.625	5.04	0.966	37.9	127
1400S200-97	0.625	0.1017	50	6.40	1.88	44.9	4.88	0.655	0.590	8.86	43.4	5.58	251	213	8.86	16.2	17.7	17.8	6.48	27.2	0.904	0.609	5.00	0.967	37.3	213
1400S250-54[1]	0.625	0.0566	50	3.82	1.12	28.7	5.06	0.707	0.794	1.50	24.3	2.52	114	97.2	1.50	12.6	15.5	13.2	1.20	27.7	1.27	0.835	5.28	0.942	47.5	97.2
1400S250-68	0.625	0.0713	50	4.78	1.41	35.8	5.04	0.865	0.784	3.02	32.5	3.55	160	137	3.02	16.1	19.0	17.6	2.38	34.1	1.26	0.827	5.26	0.943	47.3	137
1400S250-97	0.625	0.1017	50	6.75	1.98	49.8	5.01	1.16	0.765	8.86	48.3	6.01	270	229	8.86	22.9	25.5	25.7	6.83	46.5	1.23	0.811	5.22	0.945	46.7	229
1400S300-54[1]	0.625	0.0566	50	4.01	1.18	31.5	5.17	1.11	0.972	1.50	25.5	2.58	116	102	1.50	16.5	20.7	15.5	1.26	42.7	1.62	1.05	5.50	0.914	56.7	102

				GROSS							PERFORATED EFFECTIVE								TORSIONAL							
Joist Designation	Lip	Base Design Thickness	F_y	Weight	Area	I_x	r_x	I_y	r_y	V_{rg}	I_{xd}	S_{xe}	M_{rxLB}*	M_{rxDB}	V_{rn}	M_{ryLB} web comp.	M_{ryLB} lip comp.	M_{ryDB} lip comp.	Jx1000	C_w	x_o	m	r_o	ß	L_u	M_{rxUL}
	(in.)	(in.)	(ksi)	(lb/ft)	(in^2)	(in^4)	(in.)	(in^4)	(in.)	(kip)	(in^4)	(in^3)	(in-k)	(in-k)	(kip)	(k-in)	(k-in)	(k-in)	(in^4)	(in^6)	(in.)	(in.)	(in.)		(in.)	(k-in)
1400S300-68	0.625	0.0713	50	5.03	1.48	39.2	5.15	1.37	0.963	3.02	34.3	3.65	164	143	3.02	21.2	25.5	21.2	2.50	52.8	1.60	1.04	5.48	0.915	56.5	143
1400S300-97	0.625	0.1017	50	7.09	2.08	54.7	5.12	1.85	0.943	8.86	52.2	6.37	287	240	8.86	30.4	34.4	33.1	7.19	72.4	1.57	1.02	5.44	0.917	55.9	240
1400S350-54[1]	1.00	0.0566	50	4.35	1.28	35.8	5.30	1.95	1.23	1.50	30.9	3.25	146	128	1.50	25.4	29.5	25.0	1.36	76.3	2.21	1.40	5.87	0.859	70.6	128
1400S350-68	1.00	0.0713	50	5.45	1.60	44.7	5.28	2.41	1.23	3.02	42.9	4.71	212	178	3.02	32.9	39.2	33.6	2.71	94.5	2.19	1.39	5.85	0.860	70.4	178
1400S350-97	1.00	0.1017	50	7.70	2.26	62.5	5.26	3.30	1.21	8.86	62.5	8.18	368	294	8.86	47.8	55.1	52.7	7.80	130	2.16	1.37	5.81	0.862	69.9	294
1600S162-68[1]	0.500	0.0713	50	4.78	1.41	40.9	5.40	0.268	0.436	2.63	35.6	3.62	163	118	2.63	7.54	8.55	8.59	2.38	14.8	0.601	0.415	5.45	0.988	28.6	118
1600S162-97	0.500	0.1017	50	6.75	1.98	56.8	5.36	0.348	0.419	7.72	53.2	5.74	258	204	7.72	10.3	11.1	11.2	6.83	19.8	0.577	0.401	5.40	0.989	27.9	204
1600S200-68[1]	0.625	0.0713	50	5.03	1.48	45.3	5.54	0.506	0.585	2.63	40.1	4.04	182	140	2.63	11.6	13.4	13.5	2.50	27.2	0.862	0.584	5.64	0.977	37.1	140
1600S200-97	0.625	0.1017	50	7.09	2.08	63.1	5.50	0.671	0.567	7.72	59.5	6.50	292	239	7.72	16.2	17.8	17.9	7.19	36.7	0.835	0.569	5.59	0.978	36.4	239
1600S250-68[1]	0.625	0.0713	50	5.27	1.55	49.8	5.67	0.889	0.758	2.63	43.9	4.09	184	153	2.63	16.1	19.2	17.6	2.62	46.2	1.17	0.778	5.84	0.960	46.5	153
1600S250-97	0.625	0.1017	50	7.44	2.19	69.5	5.64	1.19	0.739	7.72	65.9	6.98	314	260	7.72	22.9	25.7	25.9	7.54	63.1	1.14	0.762	5.80	0.962	45.8	260
1600S300-68[1]	0.625	0.0713	50	5.51	1.62	54.4	5.79	1.41	0.933	2.63	46.2	4.21	189	161	2.63	21.2	25.7	21.3	2.75	71.6	1.49	0.981	6.06	0.939	55.7	161
1600S300-97	0.625	0.1017	50	7.78	2.29	75.9	5.76	1.91	0.914	7.72	71.0	7.39	332	274	7.72	30.5	34.8	33.3	7.89	98.3	1.46	0.964	6.01	0.941	55.1	274
1600S350-68[1]	1.00	0.0713	50	5.94	1.74	61.6	5.94	2.49	1.20	2.63	55.2	5.18	233	202	2.63	32.9	39.6	34.0	2.96	127	2.06	1.32	6.40	0.897	69.6	202
1600S350-97	1.00	0.1017	50	8.39	2.47	86.3	5.92	3.41	1.18	7.72	82.8	8.37	377	336	7.72	47.8	55.8	53.6	8.50	176	2.02	1.30	6.36	0.899	69.1	336

* Cold work of forming was applied when applicable as per Section A3.3.2.

[1] Web depth to thickness ratio, h/t, exceeds 200. Web stiffeners are required at all support points and concentrated load.

[2] h/t exceeds 260; [3] Flange width-to-thickness ratio exceeds 60.

M_{rxUL} = Factored moment resistance based on an unsupported length of 48 in.

Track Section Properties

Table Notes

1. Track web depths are equal to the nominal stud depth plus two times the design thickness plus the inside bend radius.
2. If present, hemms are ignored.

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)
162T125-18	0.0188	33	0.264	0.0776	0.0417	0.733	0.0131	0.411	0.386	0.0292	0.0252	0.747	0.00915	0.00699	0.876	0.503	1.21	0.479	25.4
162T125-33	0.0346	33	0.485	0.143	0.0772	0.736	0.0238	0.408	0.849	0.0643	0.0583	1.73	0.0569	0.0128	0.868	0.499	1.21	0.484	25.9
162T200-18	0.0188	33	0.360	0.106	0.0628	0.770	0.0464	0.662	0.386	0.0349	0.0270	0.801	0.0125	0.0255	1.57	0.869	1.87	0.294	39.2
162T200-33	0.0346	33	0.662	0.195	0.116	0.773	0.0846	0.660	0.849	0.0791	0.0633	1.88	0.0776	0.0468	1.57	0.865	1.87	0.297	39.9
250T125-18	0.0188	33	0.320	0.0941	0.104	1.05	0.0150	0.400	0.313	0.0766	0.0443	1.32	0.0111	0.0180	0.767	0.460	1.36	0.682	25.7
250T125-33	0.0346	33	0.588	0.173	0.1919	1.05	0.0272	0.397	1.31	0.163	0.103	3.06	0.0690	0.0328	0.760	0.456	1.36	0.687	25.9
250T125-43	0.0451	33	0.766	0.225	0.250	1.06	0.0351	0.395	1.74	0.228	0.147	4.37	0.153	0.0425	0.755	0.453	1.36	0.690	26.1
250T125-54	0.0566	50	0.961	0.282	0.3183	1.06	0.0435	0.392	3.28	0.293	0.188	8.48	0.301	0.0539	0.749	0.449	1.36	0.696	21.2
250T125-68	0.0713	50	1.21	0.355	0.4085	1.07	0.0539	0.389	4.10	0.398	0.262	11.8	0.602	0.0689	0.740	0.444	1.36	0.704	21.5
250T125-97	0.1017	50	1.72	0.506	0.6044	1.09	0.0744	0.383	5.73	0.604	0.423	19.0	1.75	0.101	0.724	0.434	1.37	0.719	22.3
250T200-18	0.0188	33	0.416	0.122	0.1518	1.11	0.0534	0.661	0.313	0.0913	0.0432	1.28	0.0144	0.0644	1.43	0.817	1.93	0.452	40.2
250T200-33	0.0346	33	0.765	0.225	0.280	1.12	0.0974	0.658	1.31	0.199	0.112	3.34	0.0897	0.118	1.42	0.813	1.92	0.455	40.5
250T200-43	0.0451	33	0.996	0.293	0.3662	1.12	0.126	0.657	1.74	0.282	0.163	4.83	0.198	0.153	1.41	0.810	1.92	0.457	40.8
250T200-54	0.0566	50	1.25	0.367	0.4664	1.13	0.157	0.654	3.28	0.364	0.209	9.39	0.392	0.195	1.41	0.806	1.92	0.462	33.2
250T200-68	0.0713	50	1.57	0.462	0.600	1.14	0.196	0.652	4.10	0.506	0.296	13.3	0.783	0.251	1.40	0.800	1.92	0.469	33.7
250T200-97	0.1017	50	2.24	0.659	0.8937	1.17	0.275	0.646	5.73	0.842	0.510	23.0	2.27	0.374	1.38	0.789	1.92	0.484	34.9
362T125-18	0.0188	33	0.392	0.115	0.238	1.44	0.0167	0.380	0.213	0.176	0.0636	1.89	0.0136	0.0416	0.665	0.413	1.63	0.833	25.7
362T125-33	0.0346	33	0.721	0.212	0.438	1.44	0.0301	0.377	1.31	0.381	0.174	5.17	0.0845	0.0756	0.658	0.409	1.63	0.836	25.7
362T125-43	0.0451	33	0.939	0.276	0.571	1.44	0.0388	0.375	2.22	0.525	0.245	7.27	0.187	0.0978	0.654	0.407	1.62	0.838	25.7
362T125-54	0.0566	50	1.18	0.346	0.723	1.45	0.0481	0.373	4.31	0.671	0.312	14.0	0.369	0.123	0.648	0.404	1.63	0.841	20.9
362T125-68	0.0713	50	1.48	0.436	0.921	1.45	0.0597	0.370	6.02	0.901	0.427	19.2	0.738	0.156	0.641	0.399	1.63	0.846	21.0
362T125-97	0.1017	50	2.11	0.621	1.34	1.47	0.0822	0.364	8.48	1.34	0.675	30.4	2.14	0.226	0.626	0.390	1.64	0.854	21.4
362T150-33	0.0346	33	0.780	0.229	0.499	1.48	0.0499	0.467	1.31	0.409	0.180	5.36	0.0914	0.124	0.854	0.522	1.77	0.766	30.9
362T150-43	0.0451	33	1.02	0.298	0.650	1.48	0.0644	0.465	2.23	0.568	0.255	7.58	0.202	0.160	0.850	0.519	1.77	0.768	31.0
362T150-54	0.0566	50	1.27	0.374	0.823	1.48	0.0801	0.463	4.32	0.726	0.325	14.7	0.400	0.202	0.844	0.516	1.77	0.772	25.2
362T150-68	0.0713	50	1.60	0.471	1.05	1.49	0.100	0.460	6.02	0.982	0.449	20.2	0.799	0.257	0.836	0.511	1.77	0.777	25.3
362T150-97	0.1017	50	2.29	0.672	1.54	1.51	0.138	0.453	8.48	1.54	0.733	33.0	2.32	0.374	0.820	0.501	1.78	0.787	25.8

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)
362T200-18	0.0188	33	0.488	0.143	0.336	1.53	0.0601	0.648	0.213	0.195	0.0635	1.89	0.0169	0.147	1.28	0.759	2.10	0.628	40.9
362T200-33	0.0346	33	0.897	0.264	0.619	1.53	0.110	0.645	1.31	0.458	0.190	5.65	0.105	0.269	1.27	0.754	2.09	0.631	41.0
362T200-43	0.0451	33	1.17	0.343	0.808	1.53	0.142	0.643	2.23	0.640	0.270	8.03	0.233	0.350	1.27	0.752	2.09	0.633	41.1
362T200-54	0.0566	50	1.47	0.431	1.02	1.54	0.177	0.641	4.32	0.820	0.345	15.5	0.460	0.442	1.26	0.748	2.09	0.638	33.4
362T200-68	0.0713	50	1.85	0.543	1.31	1.55	0.221	0.638	6.02	1.12	0.480	21.6	0.919	0.564	1.25	0.743	2.09	0.643	33.6
362T200-97	0.1017	50	2.63	0.773	1.92	1.58	0.308	0.632	8.48	1.82	0.804	36.2	2.67	0.825	1.23	0.732	2.10	0.655	34.3
362T300-33	0.0346	33	1.13	0.333	0.861	1.61	0.327	0.992	1.31	0.534	0.197	5.85	0.133	0.811	2.16	1.23	2.87	0.434	60.1
362T300-43	0.0451	33	1.48	0.434	1.12	1.61	0.425	0.990	2.22	0.753	0.290	8.61	0.294	1.05	2.15	1.23	2.86	0.435	60.4
362T300-54	0.0566	50	1.85	0.544	1.43	1.62	0.531	0.988	4.31	0.966	0.371	16.7	0.581	1.34	2.15	1.23	2.86	0.439	49.1
362T300-68	0.0713	50	2.33	0.685	1.82	1.63	0.665	0.985	6.02	1.34	0.519	23.4	1.16	1.71	2.14	1.22	2.86	0.443	49.5
362T300-97	0.1017	50	3.32	0.977	2.68	1.66	0.937	0.979	8.48	2.22	0.886	39.9	3.37	2.52	2.12	1.21	2.86	0.453	50.4
400T125-18[1]	0.0188	33	0.416	0.122	0.298	1.56	0.0171	0.374	0.193	0.216	0.0701	2.08	0.0144	0.0520	0.637	0.400	1.73	0.864	25.6
400T125-33	0.0346	33	0.765	0.225	0.549	1.56	0.0309	0.371	1.20	0.480	0.201	5.97	0.0897	0.0946	0.630	0.396	1.73	0.867	25.6
400T125-43	0.0451	33	1.00	0.293	0.716	1.56	0.0398	0.369	2.22	0.660	0.282	8.37	0.198	0.122	0.626	0.394	1.72	0.868	25.6
400T125-54	0.0566	50	1.25	0.367	0.904	1.57	0.0493	0.367	4.31	0.842	0.359	16.1	0.392	0.154	0.621	0.390	1.73	0.871	20.8
400T125-68	0.0713	50	1.57	0.462	1.15	1.58	0.0611	0.364	6.66	1.13	0.488	22.0	0.783	0.194	0.614	0.386	1.73	0.874	20.9
400T125-97	0.1017	50	2.24	0.659	1.67	1.59	0.0842	0.358	9.39	1.67	0.768	34.6	2.27	0.280	0.600	0.377	1.74	0.881	21.1
400T150-33	0.0346	33	0.824	0.242	0.622	1.60	0.0513	0.460	1.20	0.514	0.208	6.19	0.0966	0.155	0.821	0.507	1.86	0.805	30.8
400T150-43	0.0451	33	1.07	0.315	0.811	1.60	0.0662	0.458	2.23	0.711	0.293	8.71	0.214	0.200	0.817	0.504	1.86	0.807	30.9
400T150-54	0.0566	50	1.35	0.396	1.03	1.61	0.0822	0.456	4.32	0.909	0.374	16.8	0.422	0.252	0.811	0.501	1.86	0.810	25.1
400T150-68	0.0713	50	1.70	0.498	1.31	1.62	0.102	0.453	6.66	1.23	0.513	23.1	0.844	0.320	0.804	0.496	1.86	0.814	25.2
400T150-97	0.1017	50	2.42	0.710	1.90	1.64	0.142	0.447	9.39	1.90	0.832	37.5	2.45	0.463	0.788	0.487	1.87	0.823	25.6

[1] Web depth to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated load.

Track Section Properties

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)
400T200-33	0.0346	33	0.941	0.277	0.768	1.67	0.113	0.639	1.20	0.574	0.220	6.53	0.110	0.336	1.23	0.737	2.17	0.678	41.0
400T200-43	0.0451	33	1.23	0.360	1.00	1.67	0.146	0.637	2.23	0.800	0.311	9.23	0.244	0.437	1.22	0.734	2.16	0.680	41.1
400T200-54	0.0566	50	1.54	0.452	1.27	1.68	0.182	0.635	4.32	1.02	0.397	17.9	0.483	0.551	1.22	0.730	2.17	0.684	33.4
400T200-68	0.0713	50	1.94	0.569	1.62	1.69	0.227	0.632	6.66	1.39	0.549	24.7	0.965	0.702	1.21	0.725	2.17	0.689	33.6
400T200-97	0.1017	50	2.76	0.811	2.36	1.71	0.318	0.626	9.39	2.24	0.911	41.0	2.80	1.02	1.19	0.715	2.17	0.699	34.1
400T300-33	0.0346	33	1.18	0.346	1.06	1.75	0.338	0.989	1.20	0.670	0.218	6.48	0.138	1.01	2.10	1.21	2.91	0.478	60.4
400T300-43	0.0451	33	1.53	0.451	1.38	1.75	0.439	0.987	2.22	0.939	0.334	9.91	0.306	1.31	2.10	1.21	2.91	0.479	60.6
400T300-54	0.0566	50	1.92	0.565	1.75	1.76	0.548	0.985	4.31	1.20	0.426	19.2	0.604	1.66	2.09	1.21	2.91	0.482	49.3
400T300-68	0.0713	50	2.42	0.712	2.24	1.77	0.686	0.982	6.66	1.66	0.594	26.7	1.21	2.12	2.08	1.20	2.90	0.487	49.6
400T300-97	0.1017	50	3.45	1.01	3.28	1.80	0.967	0.976	9.39	2.73	1.00	45.2	3.50	3.11	2.06	1.19	2.90	0.497	50.4
600T125-18[1]	0.0188	33	0.544	0.160	0.776	2.20	0.0187	0.342	0.128	0.493	0.103	3.06	0.0188	0.131	0.522	0.341	2.29	0.948	24.9
600T125-33	0.0346	33	1.00	0.294	1.43	2.20	0.0338	0.339	0.795	1.20	0.297	8.82	0.117	0.238	0.516	0.337	2.29	0.949	24.8
600T125-43	0.0451	33	1.30	0.383	1.86	2.21	0.0435	0.337	1.76	1.72	0.461	13.7	0.260	0.307	0.513	0.335	2.29	0.950	24.7
600T125-54	0.0566	50	1.64	0.480	2.34	2.21	0.0539	0.335	3.49	2.19	0.592	26.6	0.513	0.384	0.508	0.332	2.29	0.951	20.1
600T125-68	0.0713	50	2.06	0.605	2.97	2.22	0.0668	0.332	6.84	2.92	0.858	38.6	1.03	0.483	0.503	0.329	2.30	0.952	20.0
600T125-97	0.1017	50	2.93	0.862	4.28	2.23	0.0919	0.327	13.9	4.28	1.35	60.6	2.97	0.685	0.491	0.321	2.31	0.955	20.1
600T150-33	0.0346	33	1.06	0.311	1.59	2.26	0.0566	0.426	0.800	1.27	0.303	9.00	0.124	0.390	0.684	0.439	2.40	0.919	30.2
600T150-43	0.0451	33	1.38	0.405	2.07	2.26	0.0730	0.424	1.76	1.83	0.474	14.1	0.275	0.504	0.680	0.437	2.40	0.920	30.2
600T150-54	0.0566	50	1.73	0.509	2.61	2.27	0.0907	0.422	3.49	2.33	0.609	27.4	0.543	0.633	0.675	0.434	2.40	0.921	24.5
600T150-68	0.0713	50	2.18	0.641	3.31	2.27	0.113	0.419	6.85	3.13	0.891	40.1	1.09	0.797	0.669	0.430	2.41	0.923	24.5
600T150-97	0.1017	50	3.11	0.913	4.78	2.29	0.156	0.414	13.9	4.78	1.44	65.0	3.15	1.14	0.656	0.421	2.42	0.926	24.6
600T200-18[1]	0.0188	33	0.640	0.188	1.04	2.35	0.0693	0.607	0.128	0.553	0.106	3.16	0.0222	0.464	1.06	0.659	2.65	0.841	40.9
600T200-33	0.0346	33	1.18	0.346	1.91	2.35	0.126	0.604	0.800	1.50	0.333	9.90	0.138	0.847	1.05	0.655	2.64	0.843	40.9
600T200-43	0.0451	33	1.53	0.451	2.49	2.35	0.163	0.602	1.76	2.06	0.565	16.8	0.306	1.10	1.04	0.652	2.64	0.844	40.9
600T200-54	0.0566	50	1.92	0.565	3.15	2.36	0.204	0.600	3.49	2.62	0.717	32.3	0.604	1.38	1.04	0.649	2.65	0.846	33.2
600T200-68	0.0713	50	2.42	0.712	3.99	2.37	0.254	0.597	6.85	3.51	0.973	43.8	1.21	1.75	1.03	0.644	2.65	0.849	33.3
600T200-97	0.1017	50	3.45	1.02	5.77	2.39	0.355	0.591	13.9	5.51	1.57	70.6	3.50	2.51	1.02	0.635	2.66	0.854	33.4
600T300-33	0.0346	33	1.41	0.415	2.56	2.48	0.384	0.962	0.795	1.63	0.331	9.82	0.166	2.52	1.85	1.11	3.24	0.674	61.3
600T300-43	0.0451	33	1.84	0.541	3.34	2.48	0.498	0.960	1.76	2.39	0.555	16.5	0.367	3.28	1.85	1.11	3.24	0.675	61.4
600T300-54	0.0566	50	2.31	0.679	4.21	2.49	0.622	0.957	3.49	3.05	0.721	32.5	0.725	4.13	1.84	1.11	3.24	0.677	49.9
600T300-68	0.0713	50	2.91	0.855	5.35	2.50	0.779	0.954	6.84	4.11	1.05	47.4	1.45	5.24	1.83	1.10	3.25	0.681	50.0
600T300-97	0.1017	50	4.15	1.22	7.76	2.52	1.10	0.949	13.9	6.59	1.72	77.6	4.20	7.58	1.82	1.09	3.25	0.688	50.4
800T125-33[1]	0.0346	33	1.24	0.363	2.90	2.82	0.0356	0.313	0.594	2.30	0.406	12.1	0.145	0.456	0.439	0.294	2.87	0.977	23.9

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)
800T125-43	0.0451	33	1.61	0.473	3.77	2.82	0.0458	0.311	1.32	3.34	0.640	19.0	0.321	0.589	0.436	0.292	2.87	0.977	23.8
800T125-54	0.0566	50	2.02	0.594	4.75	2.83	0.0568	0.309	2.61	4.26	0.824	37.1	0.634	0.735	0.432	0.289	2.88	0.977	19.3
800T125-68	0.0713	50	2.54	0.748	6.00	2.83	0.0703	0.307	5.23	5.83	1.22	54.7	1.27	0.920	0.427	0.286	2.88	0.978	19.2
800T125-97	0.1017	50	3.63	1.07	8.61	2.84	0.0967	0.301	13.9	8.61	2.06	92.8	3.67	1.30	0.417	0.279	2.89	0.979	19.1

[1] Web depth to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated load.

Track Section Properties

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)
800T150-43	0.0451	33	1.69	0.496	4.14	2.89	0.0774	0.395	1.32	3.52	0.655	19.5	0.336	0.972	0.584	0.386	2.98	0.961	29.3
800T150-54	0.0566	50	2.12	0.622	5.21	2.90	0.0961	0.393	2.61	4.49	0.844	38.0	0.664	1.22	0.580	0.383	2.98	0.962	23.8
800T150-68	0.0713	50	2.67	0.783	6.59	2.90	0.119	0.390	5.23	6.20	1.26	56.5	1.33	1.53	0.575	0.379	2.98	0.963	23.7
800T150-97	0.1017	50	3.80	1.12	9.48	2.91	0.165	0.385	13.9	9.48	2.19	98.6	3.85	2.16	0.564	0.372	2.99	0.965	23.7
800T200-33[1]	0.0346	33	1.41	0.415	3.75	3.01	0.135	0.571	0.594	2.59	0.423	12.6	0.166	1.64	0.917	0.589	3.19	0.918	40.3
800T200-43	0.0451	33	1.84	0.541	4.89	3.01	0.175	0.569	1.32	3.82	0.676	20.1	0.367	2.12	0.913	0.587	3.19	0.918	40.3
800T200-54	0.0566	50	2.31	0.679	6.15	3.01	0.218	0.567	2.61	4.89	0.872	39.2	0.725	2.66	0.908	0.584	3.20	0.919	32.7
800T200-68	0.0713	50	2.91	0.854	7.79	3.02	0.272	0.564	5.23	6.81	1.31	59.0	1.45	3.36	0.902	0.580	3.20	0.921	32.7
800T200-97	0.1017	50	4.15	1.22	11.2	3.03	0.379	0.558	13.9	10.8	2.35	106	4.20	4.79	0.889	0.571	3.21	0.923	32.7
800T300-33[1]	0.0346	33	1.65	0.484	4.89	3.18	0.416	0.927	0.594	2.95	0.443	13.2	0.193	4.87	1.66	1.03	3.70	0.799	61.4
800T300-43	0.0451	33	2.15	0.631	6.37	3.18	0.540	0.925	1.32	4.60	0.736	21.9	0.428	6.33	1.66	1.02	3.70	0.800	61.4
800T300-54	0.0566	50	2.69	0.792	8.03	3.18	0.675	0.923	2.60	5.92	0.955	43.0	0.845	7.96	1.65	1.02	3.70	0.801	49.9
800T300-68	0.0713	50	3.39	1.00	10.2	3.19	0.844	0.920	5.22	8.05	1.55	69.6	1.69	10.1	1.64	1.02	3.71	0.803	49.9
800T300-97	0.1017	50	4.84	1.42	14.7	3.21	1.19	0.914	13.9	12.7	2.59	116	4.90	14.5	1.63	1.01	3.72	0.808	50.1
1000T125-43[1]	0.0451	33	1.92	0.563	6.63	3.43	0.0474	0.290	1.05	5.59	0.819	24.3	0.382	0.973	0.379	0.259	3.46	0.988	22.9
1000T125-54	0.0566	50	2.41	0.707	8.33	3.43	0.0587	0.288	2.08	7.13	1.06	47.5	0.755	1.21	0.376	0.256	3.47	0.988	18.5
1000T125-68	0.0713	50	3.03	0.890	10.5	3.44	0.0727	0.286	4.17	9.86	1.58	70.9	1.51	1.51	0.372	0.253	3.47	0.989	18.4
1000T125-97	0.1017	50	4.32	1.27	15.1	3.45	0.100	0.281	12.2	15.1	2.75	124	4.38	2.12	0.363	0.247	3.48	0.989	18.3
1000T150-54	0.0566	50	2.50	0.735	9.06	3.51	0.100	0.368	2.08	7.47	1.08	48.5	0.785	2.01	0.509	0.342	3.57	0.980	23.0
1000T150-68	0.0713	50	3.15	0.926	11.4	3.52	0.124	0.366	4.17	10.4	1.62	73.0	1.57	2.52	0.505	0.339	3.57	0.980	23.0
1000T150-97	0.1017	50	4.49	1.32	16.4	3.53	0.172	0.361	12.2	16.4	2.90	131	4.55	3.56	0.495	0.332	3.58	0.981	22.9
1000T200-43[1]	0.0451	33	2.15	0.631	8.36	3.64	0.183	0.539	1.05	6.28	0.860	25.5	0.428	3.54	0.813	0.534	3.77	0.953	39.5
1000T200-54	0.0566	50	2.69	0.792	10.5	3.65	0.228	0.537	2.08	8.04	1.11	50.0	0.845	4.43	0.809	0.531	3.77	0.954	32.0
1000T200-68	0.0713	50	3.39	1.00	13.3	3.65	0.284	0.534	4.17	11.3	1.68	75.8	1.69	5.58	0.803	0.527	3.78	0.955	32.0
1000T200-97	0.1017	50	4.84	1.42	19.1	3.66	0.397	0.528	12.2	18.4	3.08	139	4.90	7.92	0.791	0.519	3.79	0.956	31.9
1000T300-43[1]	0.0451	33	2.45	0.721	10.7	3.85	0.572	0.891	1.05	7.28	0.918	27.3	0.489	10.6	1.51	0.950	4.23	0.873	61.0
1000T300-54	0.0566	50	3.08	0.905	13.4	3.85	0.714	0.888	2.08	9.36	1.19	53.6	0.966	13.3	1.50	0.947	4.23	0.874	49.6
1000T300-68	0.0713	50	3.88	1.14	17.0	3.86	0.894	0.885	4.17	13.7	1.90	85.6	1.93	16.8	1.49	0.943	4.23	0.876	49.6
1000T300-97	0.1017	50	5.53	1.63	24.4	3.88	1.26	0.880	12.1	21.4	3.59	161	5.60	24.0	1.48	0.934	4.24	0.879	49.6
1200T125-54[1]	0.0566	50	2.79	0.820	13.3	4.03	0.0601	0.271	1.73	10.8	1.29	57.8	0.876	1.82	0.333	0.230	4.06	0.993	17.8
1200T125-68	0.0713	50	3.51	1.03	16.8	4.04	0.0744	0.268	3.47	15.1	1.93	87.0	1.75	2.27	0.329	0.227	4.06	0.993	17.7

			GROSS							EFFECTIVE			TORSIONAL						
Track Designation	Base Design Thickness (in.)	F_y (ksi)	Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)	Jx1000 (in^4)	C_w (in^6)	x_o (in.)	m (in.)	r_o (in.)	ß	L_u (in.)
1200T125-97	0.1017	50	5.01	1.47	24.1	4.04	0.102	0.264	10.1	23.6	3.44	155	5.08	3.17	0.322	0.222	4.07	0.994	17.6
1200T150-68	0.0713	50	3.64	1.07	18.1	4.12	0.127	0.345	3.47	15.9	1.99	89.4	1.81	3.79	0.450	0.307	4.16	0.988	22.2
1200T150-97	0.1017	50	5.18	1.52	26.0	4.13	0.176	0.340	10.1	25.5	3.62	163	5.25	5.33	0.441	0.301	4.17	0.989	22.1
1200T200-54[1]	0.0566	50	3.08	0.905	16.5	4.27	0.236	0.510	1.73	12.1	1.35	60.7	0.966	6.71	0.730	0.487	4.36	0.972	31.3
1200T200-68	0.0713	50	3.88	1.14	20.8	4.27	0.294	0.508	3.47	17.1	2.06	92.6	1.93	8.43	0.725	0.483	4.36	0.972	31.2
1200T200-97	0.1017	50	5.53	1.63	29.8	4.28	0.410	0.502	10.1	28.2	3.82	172	5.60	11.9	0.714	0.476	4.37	0.973	31.1
1200T300-54[1]	0.0566	50	3.46	1.02	20.6	4.50	0.745	0.855	1.73	13.3	1.39	62.6	1.09	20.2	1.38	0.884	4.78	0.917	49.0
1200T300-68	0.0713	50	4.36	1.28	26.1	4.51	0.932	0.852	3.47	19.0	2.14	96.2	2.17	25.5	1.37	0.880	4.79	0.918	49.0
1200T300-97	0.1017	50	6.22	1.83	37.4	4.53	1.31	0.847	10.1	32.1	4.05	182	6.30	36.4	1.36	0.871	4.80	0.920	49.0
1400T125-54[1]	0.0566	50	3.18	0.933	20.0	4.63	0.0611	0.256	1.48	15.4	1.52	68.2	1.00	2.56	0.299	0.209	4.64	0.996	17.2
1400T125-68	0.0713	50	4.00	1.18	25.2	4.63	0.0757	0.254	2.97	21.6	2.29	103	1.99	3.19	0.296	0.206	4.65	0.996	17.1
1400T125-97	0.1017	50	5.70	1.68	36.0	4.64	0.104	0.249	8.65	34.2	4.13	186	5.78	4.44	0.289	0.201	4.65	0.996	16.9
1400T150-68	0.0713	50	4.12	1.21	27.0	4.72	0.130	0.328	2.97	22.6	2.35	106	2.05	5.35	0.407	0.280	4.75	0.993	21.5
1400T150-97	0.1017	50	5.88	1.73	38.6	4.73	0.180	0.323	8.65	36.8	4.33	195	5.95	7.50	0.399	0.275	4.76	0.993	21.3
1400T200-54[1]	0.0566	50	3.46	1.02	24.2	4.88	0.242	0.487	1.481	17.0	1.59	71.4	1.09	9.52	0.665	0.449	4.95	0.982	30.5
1400T200-68	0.0713	50	4.36	1.28	30.6	4.88	0.301	0.485	2.97	24.2	2.43	109	2.17	11.9	0.661	0.446	4.95	0.982	30.5
1400T200-97	0.1017	50	6.22	1.83	43.8	4.89	0.420	0.479	8.65	40.4	4.56	205	6.30	16.9	0.651	0.439	4.96	0.983	30.3
1400T300-54[1]	0.0566	50	3.85	1.13	29.9	5.14	0.769	0.825	1.481	18.5	1.63	73.5	1.21	28.8	1.27	0.829	5.36	0.944	48.4
1400T300-68	0.0713	50	4.85	1.42	37.7	5.15	0.963	0.822	2.97	26.7	2.52	113	2.41	36.3	1.27	0.825	5.36	0.944	48.4
1400T300-97	0.1017	50	6.91	2.03	54.1	5.16	1.35	0.816	8.64	45.5	4.81	217	7.00	51.6	1.25	0.817	5.37	0.946	48.3
1600T125-54[1]	0.0566	50	3.56	1.05	28.5	5.217	0.0620	0.243	1.30	20.8	1.75	78.6	1.12	3.43	0.272	0.191	5.23	0.997	16.6
1600T125-68[1]	0.0713	50	4.49	1.32	35.9	5.22	0.0767	0.241	2.593	29.5	2.65	119	2.23	4.27	0.268	0.189	5.23	0.997	16.5
1600T125-97	0.1017	50	6.40	1.88	51.3	5.226	0.1055	0.237	7.546	47.1	4.82	217	6.48	5.94	0.262	0.184	5.24	0.997	16.3
1600T200-54[1]	0.0566	50	3.85	1.13	34.0	5.483	0.2464	0.467	1.30	22.802	1.83	82.2	1.21	12.86	0.612	0.417	5.54	0.988	29.8
1600T200-68[1]	0.0713	50	4.85	1.42	42.9	5.488	0.3071	0.464	2.593	32.704	2.80	126	2.41	16.12	0.607	0.414	5.54	0.988	29.7
1600T200-97	0.1017	50	6.91	2.03	61.399	5.50	0.4284	0.459	7.546	55.1	5.30	238	7.00	22.75	0.598	0.408	5.55	0.988	29.6
1600T300-54[1]	0.0566	50	4.24	1.24	41.4	5.767	0.7894	0.796	1.30	24.7	1.88	84.5	1.33	39.11	1.18	0.780	5.94	0.960	47.7
1600T300-68[1]	0.0713	50	5.33	1.57	52.2	5.773	0.9876	0.794	2.593	35.8	2.90	131	2.66	49.2	1.18	0.776	5.95	0.961	47.7
1600T300-97	0.1017	50	7.61	2.24	74.8	5.786	1.39	0.788	7.546	61.5	5.58	251	7.71	70.0	1.17	0.769	5.95	0.962	47.6

[1] Web depth to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated load.

Curtain Wall Limiting Height Tables - Single and Double Spans

Table Notes

1. For wind load deflection calculations, the SLS importance factor, Iw = 0.75 is incorporated in the load tables.
2. Studs must be braced against rotation and lateral displacement at all supports.
3. Studs are assumed to be adequately braced at a maximum spacing of L_u to develop the full factored moment resistance.
4. Web crippling check is based on 1 in. of bearing at end supports and 3 in. of bearing at interior supports.
5. Shear and web crippling resistance at end supports have **not** been reduced for punchouts. At interior supports, the shear and web crippling resistance has been reduced for the presence of punchout adjacent to the support.
6. Combined bending and shear check at interior support is based on unreinforced web as per S136-16 (Eq. H2-1).
   Shear resistance and combined bending and shear checks at interior supports have been reduced for the presence of punchouts adjacent to the support.
7. In the "Double Span" tables, the listed span is the distance from either end to the centre of the interior support with the stud continuous past the interior support.
8. It is the responsibility of the engineer on record (EOR) to structurally check for parts exceeding limiting heights included in the following load tables.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
250S125-33	33	12	17' 3"	14' 6"	12' 8"	11' 6"	10' 1"	8' 6"	10' 0"	8' 9"	7' 4"	8' 8"	8' 0"	6' 8"	7' 9"	7' 4"	6' 3"	7' 1"	7' 0"	5' 10"
	33	16	15' 0"	13' 2"	11' 6"	10' 6"	9' 1"	7' 8"	8' 8"	8' 0"	6' 8"	7' 6"	7' 3"	6' 1"	6' 8"	6' 8"	5' 8"	6' 1"	6' 1"	5' 3"
	33	24	12' 3"	11' 6"	10' 1"	8' 8"	8' 0"	6' 8"	7' 1"	7' 0"	5' 10"	6' 1"	6' 1"	5' 3"	5' 6"	5' 6"	5' 0"	5' 0"	5' 0"	4' 8"
250S125-43	33	12	19' 10"	15' 9"	13' 9"	12' 6"	10' 10"	9' 2"	10' 10"	9' 7"	8' 1"	9' 10"	8' 8"	7' 3"	9' 2"	8' 1"	6' 9"	8' 4"	7' 7"	6' 4"
	33	16	17' 10"	14' 3"	12' 6"	11' 4"	9' 10"	8' 4"	9' 10"	8' 8"	7' 3"	8' 10"	7' 10"	6' 8"	8' 0"	7' 3"	6' 2"	7' 3"	6' 10"	5' 9"
	33	24	14' 7"	12' 6"	10' 10"	9' 10"	8' 8"	7' 3"	8' 4"	7' 7"	6' 4"	7' 3"	6' 10"	5' 9"	6' 6"	6' 4"	5' 4"	6' 0"	6' 0"	5' 1"
250S125-54	50	12	21' 2"	16' 10"	14' 8"	13' 4"	11' 8"	9' 10"	11' 8"	10' 2"	8' 7"	10' 7"	9' 3"	7' 9"	9' 10"	8' 7"	7' 3"	9' 3"	8' 1"	6' 9"
	50	16	19' 3"	15' 3"	13' 4"	12' 2"	10' 7"	9' 0"	10' 7"	9' 3"	7' 9"	9' 7"	8' 4"	7' 1"	9' 0"	7' 9"	6' 7"	8' 4"	7' 4"	6' 2"
	50	24	16' 10"	13' 4"	11' 8"	10' 7"	9' 3"	7' 9"	9' 3"	8' 1"	6' 9"	8' 4"	7' 4"	6' 2"	7' 9"	6' 9"	5' 9"	7' 4"	6' 4"	5' 4"
250S162-33	33	12	20' 2"	16' 0"	14' 0"	12' 8"	11' 1"	9' 4"	11' 1"	9' 8"	8' 2"	10' 1"	8' 9"	7' 4"	9' 4"	8' 2"	6' 10"	8' 9"	7' 8"	6' 6"
	33	16	18' 3"	14' 6"	12' 8"	11' 6"	10' 1"	8' 6"	10' 1"	8' 9"	7' 4"	9' 2"	8' 0"	6' 9"	8' 6"	7' 4"	6' 3"	7' 9"	7' 0"	5' 10"
	33	24	15' 7"	12' 8"	11' 1"	10' 1"	8' 9"	7' 4"	8' 9"	7' 8"	6' 6"	7' 9"	7' 0"	5' 10"	7' 0"e	6' 6"e	5' 6"	6' 4"e	6' 1"e	5' 2"
250S162-43	33	12	21' 10"	17' 4"	15' 2"	13' 9"	12' 1"	10' 2"	12' 1"	10' 6"	8' 10"	11' 0"	9' 7"	8' 1"	10' 2"	8' 10"	7' 6"	9' 7"	8' 4"	7' 1"
	33	16	19' 10"	15' 9"	13' 9"	12' 6"	11' 0"	9' 2"	11' 0"	9' 7"	8' 1"	10' 0"	8' 8"	7' 3"	9' 2"	8' 1"	6' 9"	8' 8"	7' 7"	6' 4"
	33	24	17' 4"	13' 9"	12' 1"	11' 0"	9' 7"	8' 1"	9' 7"	8' 4"	7' 1"	8' 8"	7' 7"	6' 4"	8' 1"	7' 1"	6' 0"	7' 6"	6' 7"	5' 7"
250S162-54	50	12	23' 6"	18' 7"	16' 3"	14' 9"	12' 10"	10' 10"	12' 10"	11' 3"	9' 6"	11' 8"	10' 2"	8' 7"	10' 10"	9' 6"	8' 0"	10' 2"	8' 10"	7' 6"
	50	16	21' 3"	16' 10"	14' 9"	13' 4"	11' 8"	9' 10"	11' 8"	10' 2"	8' 7"	10' 8"	9' 3"	7' 10"	9' 10"	8' 7"	7' 3"	9' 3"	8' 1"	6' 10"
	50	24	18' 7"	14' 9"	12' 10"	11' 8"	10' 2"	8' 7"	10' 2"	8' 10"	7' 6"	9' 3"	8' 1"	6' 10"	8' 7"	7' 6"	6' 4"	8' 1"	7' 1"	6' 0"
250S162-68	50	12	25' 0"	19' 10"	17' 4"	15' 9"	13' 9"	11' 7"	13' 9"	12' 0"	10' 2"	12' 6"	10' 10"	9' 2"	11' 7"	10' 2"	8' 7"	10' 10"	9' 7"	8' 1"
	50	16	22' 9"	18' 1"	15' 9"	14' 3"	12' 6"	10' 7"	12' 6"	10' 10"	9' 2"	11' 4"	9' 10"	8' 4"	10' 7"	9' 2"	7' 9"	9' 10"	8' 8"	7' 3"
	50	24	19' 10"	15' 9"	13' 9"	12' 6"	10' 10"	9' 2"	10' 10"	9' 7"	8' 1"	9' 10"	8' 8"	7' 3"	9' 2"	8' 1"	6' 9"	8' 8"	7' 7"	6' 4"
362S125-33	33	12	21' 7"	19' 3"	16' 10"	15' 3"	13' 4"	11' 3"	12' 6"	11' 8"	9' 10"	10' 9"	10' 7"	9' 0"	9' 7"	9' 7"	8' 3"	8' 9"	8' 9"	7' 9"
	33	16	18' 8"	17' 7"	15' 3"	13' 2"	12' 2"	10' 3"	10' 9"	10' 7"	9' 0"	9' 3"	9' 3"	8' 2"	8' 4"	8' 4"	7' 7"	7' 7"	7' 7"	7' 1"
	33	24	15' 3"	15' 3"	13' 4"	10' 9"	10' 7"	9' 0"	8' 9"	8' 9"	7' 9"	7' 7"	7' 7"	7' 1"	6' 9"e	6' 9"e	6' 7"e	6' 2"e	6' 2"e	6' 2"e
362S125-43	33	12	25' 10"	21' 1"	18' 4"	16' 8"	14' 7"	12' 3"	14' 7"	12' 9"	10' 9"	13' 0"	11' 7"	9' 9"	11' 7"	10' 9"	9' 1"	10' 7"	10' 1"	8' 6"
	33	16	22' 4"	19' 1"	16' 8"	15' 2"	13' 3"	11' 2"	13' 0"	11' 7"	9' 9"	11' 2"	10' 6"	8' 10"	10' 0"	9' 9"	8' 2"	9' 2"	9' 2"	7' 9"
	33	24	18' 3"	16' 8"	14' 7"	13' 0"	11' 7"	9' 9"	10' 7"	10' 1"	8' 6"	9' 2"	9' 2"	7' 9"	8' 2"	8' 2"	7' 2"	7' 6"	7' 6"	6' 9"
362S125-54	50	12	28' 4"	22' 6"	19' 8"	17' 10"	15' 7"	13' 2"	15' 7"	13' 7"	11' 6"	14' 2"	12' 4"	10' 6"	13' 2"	11' 6"	9' 8"	12' 4"	10' 9"	9' 1"
	50	16	25' 9"	20' 6"	17' 10"	16' 2"	14' 2"	12' 0"	14' 2"	12' 4"	10' 6"	12' 10"	11' 3"	9' 6"	12' 0"	10' 6"	8' 9"	11' 3"	9' 9"	8' 3"
	50	24	22' 6"	17' 10"	15' 7"	14' 2"	12' 4"	10' 6"	12' 4"	10' 9"	9' 1"	11' 3"	9' 9"	8' 3"	10' 6"	9' 1"	7' 8"	9' 9"	8' 7"	7' 2"
362S162-33	33	12	26' 9"	21' 3"	18' 7"	16' 10"	14' 8"	12' 4"	14' 8"	12' 10"	10' 10"	13' 4"	11' 8"	9' 10"	12' 2"	10' 10"	9' 2"	11' 1"e	10' 2"	8' 7"
	33	16	23' 7"	19' 3"	16' 10"	15' 3"	13' 4"	11' 3"	13' 4"	11' 8"	9' 10"	11' 9"e	10' 7"	9' 0"	10' 6"e	9' 10"e	8' 3"	9' 7"e	9' 3"e	7' 9"e
	33	24	19' 3"	16' 10"	14' 8"	13' 4"	11' 8"	9' 10"	11' 1"e	10' 2"	8' 7"	9' 7"e	9' 3"e	7' 9"e	8' 7"e	8' 7"e	7' 3"e	7' 10"e	7' 10"e	6' 9"e
362S162-43	33	12	29' 1"	23' 1"	20' 2"	18' 4"	16' 0"	13' 6"	16' 0"	14' 0"	11' 9"	14' 7"	12' 8"	10' 8"	13' 6"	11' 9"	10' 0"	12' 8"	11' 1"	9' 4"
	33	16	26' 6"	21' 0"	18' 4"	16' 8"	14' 7"	12' 3"	14' 7"	12' 8"	10' 8"	13' 2"	11' 7"	9' 9"	12' 3"	10' 8"	9' 1"	11' 4"	10' 1"	8' 6"
	33	24	22' 9"	18' 4"	16' 0"	14' 7"	12' 8"	10' 8"	12' 8"	11' 1"	9' 4"	11' 4"	10' 1"	8' 6"	10' 2"	9' 4"	7' 10"	9' 3"e	8' 9"e	7' 4"
362S162-54	50	12	31' 2"	24' 9"	21' 8"	19' 8"	17' 2"	14' 6"	17' 2"	15' 0"	12' 8"	15' 7"	13' 7"	11' 6"	14' 6"	12' 8"	10' 8"	13' 7"	11' 10"	10' 1"
	50	16	28' 4"	22' 6"	19' 8"	17' 10"	15' 7"	13' 2"	15' 7"	13' 7"	11' 6"	14' 2"	12' 4"	10' 6"	13' 2"	11' 6"	9' 8"	12' 4"	10' 9"	9' 1"
	50	24	24' 9"	19' 8"	17' 2"	15' 7"	13' 7"	11' 6"	13' 7"	11' 10"	10' 1"	12' 4"	10' 9"	9' 1"	11' 6"	10' 1"	8' 6"	10' 9"	9' 6"	8' 0"
362S162-68	50	12	33' 4"	26' 6"	23' 2"	21' 0"	18' 4"	15' 6"	18' 4"	16' 1"	13' 6"	16' 8"	14' 7"	12' 3"	15' 6"	13' 6"	11' 4"	14' 7"	12' 8"	10' 9"
	50	16	30' 4"	24' 1"	21' 0"	19' 1"	16' 8"	14' 1"	16' 8"	14' 7"	12' 3"	15' 2"	13' 3"	11' 2"	14' 1"	12' 3"	10' 4"	13' 3"	11' 7"	9' 9"
	50	24	26' 6"	21' 0"	18' 4"	16' 8"	14' 7"	12' 3"	14' 7"	12' 8"	10' 9"	13' 3"	11' 7"	9' 9"	12' 3"	10' 9"	9' 1"	11' 7"	10' 1"	8' 6"
362S162-97	50	12	36' 10"	29' 3"	25' 7"	23' 2"	20' 3"	17' 1"	20' 3"	17' 8"	14' 10"	18' 4"	16' 1"	13' 7"	17' 1"	14' 10"	12' 7"	16' 1"	14' 1"	11' 10"
	50	16	33' 6"	26' 7"	23' 2"	21' 1"	18' 4"	15' 6"	18' 4"	16' 1"	13' 7"	16' 8"	14' 7"	12' 3"	15' 6"	13' 7"	11' 6"	14' 7"	12' 9"	10' 9"
	50	24	29' 3"	23' 2"	20' 3"	18' 4"	16' 1"	13' 7"	16' 1"	14' 1"	11' 10"	14' 7"	12' 9"	10' 9"	13' 7"	11' 10"	10' 0"	12' 9"	11' 2"	9' 4"
362S200-33	33	12	28' 1"	22' 3"	19' 6"	17' 8"	15' 6"	13' 0"	15' 6"	13' 6"	11' 4"	14' 1"	12' 3"	10' 4"	12' 10"e	11' 4"	9' 7"	11' 9"e	10' 8"e	9' 0"
	33	16	25' 0"	20' 3"	17' 8"	16' 1"	14' 1"	11' 10"	14' 1"	12' 3"	10' 4"	12' 6"e	11' 2"	9' 4"	11' 2"e	10' 4"e	8' 8"	10' 2"e	9' 8"e	8' 2"e
	33	24	20' 4"	17' 8"	15' 6"	14' 1"	12' 3"	10' 4"	11' 9"e	10' 8"e	9' 0"	10' 2"e	9' 8"e	8' 2"e	9' 1"e	9' 0"e	7' 7"e	8' 3"e	8' 3"e	7' 2"e
362S200-43	33	12	30' 9"	24' 4"	21' 3"	19' 4"	16' 10"	14' 3"	16' 10"	14' 9"	12' 6"	15' 4"	13' 4"	11' 3"	14' 3"	12' 6"	10' 6"	13' 4"	11' 8"	9' 10"
	33	16	28' 0"	22' 2"	19' 4"	17' 7"	15' 4"	13' 0"	15' 4"	13' 4"	11' 3"	14' 0"	12' 2"	10' 3"	13' 0"	11' 3"	9' 7"	12' 2"	10' 8"	9' 0"
	33	24	24' 4"	19' 4"	16' 10"	15' 4"	13' 4"	11' 3"	13' 4"	11' 8"	9' 10"	12' 2"	10' 8"	9' 0"	11' 0"e	9' 10"	8' 4"	10' 0"e	9' 3"e	7' 10"
362S200-54	50	12	33' 0"	26' 2"	22' 10"	20' 9"	18' 2"	15' 3"	18' 2"	15' 10"	13' 4"	16' 6"	14' 4"	12' 2"	15' 3"	13' 4"	11' 3"	14' 4"	12' 7"	10' 7"
	50	16	30' 0"	23' 9"	20' 9"	18' 10"	16' 6"	13' 10"	16' 6"	14' 4"	12' 2"	15' 0"	13' 1"	11' 0"	13' 10"	12' 2"	10' 3"	13' 1"	11' 4"	9' 7"
	50	24	26' 2"	20' 9"	18' 2"	16' 6"	14' 4"	12' 2"	14' 4"	12' 7"	10' 7"	13' 1"	11' 4"	9' 7"	12' 2"	10' 7"	9' 0"	11' 4"	10' 0"	8' 4"
362S200-68	50	12	35' 3"	28' 1"	24' 6"	22' 3"	19' 6"	16' 4"	19' 6"	17' 0"	14' 3"	17' 8"	15' 4"	13' 0"	16' 4"	14' 3"	12' 1"	15' 4"	13' 6"	11' 4"
	50	16	32' 1"	25' 6"	22' 3"	20' 2"	17' 8"	14' 10"	17' 8"	15' 4"	13' 0"	16' 1"	14' 0"	11' 9"	14' 10"	13' 0"	11' 0"	14' 0"	12' 3"	10' 3"
	50	24	28' 1"	22' 3"	19' 6"	17' 8"	15' 4"	13' 0"	15' 4"	13' 6"	11' 4"	14' 0"	12' 3"	10' 3"	13' 0"	11' 4"	9' 7"	12' 3"	10' 8"	9' 0"
362S200-97	50	12	39' 1"	31' 0"	27' 1"	24' 7"	21' 6"	18' 1"	21' 6"	18' 9"	15' 9"	19' 6"	17' 1"	14' 4"	18' 1"	15' 9"	13' 4"	17' 1"	14' 10"	12' 7"
	50	16	35' 6"	28' 2"	24' 7"	22' 4"	19' 6"	16' 6"	19' 6"	17' 1"	14' 4"	17' 9"	15' 6"	13' 1"	16' 6"	14' 4"	12' 1"	15' 6"	13' 7"	11' 4"
	50	24	31' 0"	24' 7"	21' 6"	19' 6"	17' 1"	14' 4"	17' 1"	14' 10"	12' 7"	15' 6"	13' 7"	11' 4"	14' 4"	12' 7"	10' 7"	13' 7"	11' 9"	10' 0"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
   The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
362S250-33	33	12	29' 2"	23' 2"	20' 3"	18' 4"	16' 1"	13' 7"	16' 1"	14' 1"	11' 10"	14' 7"	12' 9"	10' 9"	13' 4"e	11' 10"	10' 0"	12' 2"e	11' 2"e	9' 4"
	33	16	25' 10"	21' 1"	18' 4"	16' 8"	14' 7"	12' 3"	14' 7"	12' 9"	10' 9"	12' 10"e	11' 7"	9' 9"	11' 7"e	10' 9"e	9' 1"	10' 7"e	10' 1"e	8' 6"e
	33	24	21' 1"	18' 4"	16' 1"	14' 7"	12' 9"	10' 9"	12' 2"e	11' 2"e	9' 4"	10' 7"e	10' 1"e	8' 6"e	9' 4"e	9' 4"e	7' 10"e	8' 7"e	8' 7"e	7' 6"e
362S250-43	33	12	32' 4"	25' 8"	22' 6"	20' 4"	17' 9"	15' 0"	17' 9"	15' 7"	13' 1"	16' 2"	14' 1"	11' 10"	15' 0"	13' 1"	11' 1"	14' 1"	12' 4"	10' 4"
	33	16	29' 4"	23' 4"	20' 4"	18' 6"	16' 2"	13' 8"	16' 2"	14' 1"	11' 10"	14' 8"	12' 10"	10' 9"	13' 8"	11' 10"	10' 1"	12' 7"	11' 2"	9' 6"
	33	24	25' 2"	20' 4"	17' 9"	16' 2"	14' 1"	11' 10"	14' 1"	12' 4"	10' 4"	12' 7"	11' 2"	9' 6"	11' 3"e	10' 4"e	8' 9"	10' 3"e	9' 9"e	8' 3"
362S250-54	50	12	34' 3"	27' 3"	23' 9"	21' 7"	18' 10"	15' 10"	18' 10"	16' 6"	13' 10"	17' 2"	15' 0"	12' 8"	15' 10"	13' 10"	11' 8"	15' 0"	13' 1"	11' 1"
	50	16	31' 2"	24' 9"	21' 7"	19' 8"	17' 2"	14' 6"	17' 2"	15' 0"	12' 8"	15' 7"	13' 7"	11' 6"	14' 6"	12' 8"	10' 8"	13' 7"	11' 10"	10' 0"
	50	24	27' 3"	21' 7"	18' 10"	17' 2"	15' 0"	12' 8"	15' 0"	13' 1"	11' 1"	13' 7"	11' 10"	10' 0"	12' 8"	11' 1"	9' 3"	11' 10"	10' 4"	8' 9"
362S250-68	50	12	37' 2"	29' 6"	25' 9"	23' 4"	20' 6"	17' 3"	20' 6"	17' 10"	15' 1"	18' 7"	16' 2"	13' 8"	17' 3"	15' 1"	12' 8"	16' 2"	14' 2"	12' 0"
	50	16	33' 9"	26' 9"	23' 4"	21' 3"	18' 7"	15' 8"	18' 7"	16' 2"	13' 8"	16' 10"	14' 9"	12' 4"	15' 8"	13' 8"	11' 7"	14' 9"	12' 10"	10' 10"
	50	24	29' 6"	23' 4"	20' 6"	18' 7"	16' 2"	13' 8"	16' 2"	14' 2"	12' 0"	14' 9"	12' 10"	10' 10"	13' 8"	12' 0"	10' 1"	12' 10"	11' 3"	9' 6"
362S250-97	50	12	41' 4"	32' 9"	28' 8"	26' 1"	22' 9"	19' 2"	22' 9"	19' 10"	16' 9"	20' 8"	18' 1"	15' 2"	19' 2"	16' 9"	14' 1"	18' 1"	15' 9"	13' 3"
	50	16	37' 7"	29' 9"	26' 1"	23' 8"	20' 8"	17' 4"	20' 8"	18' 1"	15' 2"	18' 9"	16' 4"	13' 9"	17' 4"	15' 2"	12' 10"	16' 4"	14' 3"	12' 1"
	50	24	32' 9"	26' 1"	22' 9"	20' 8"	18' 1"	15' 2"	18' 1"	15' 9"	13' 3"	16' 4"	14' 3"	12' 1"	15' 2"	13' 3"	11' 2"	14' 3"	12' 6"	10' 7"
362S300-33	33	12	30' 1"	23' 10"	20' 10"	19' 0"	16' 7"	14' 0"	16' 7"	14' 6"	12' 2"	15' 0"	13' 1"	11' 1"	13' 7"e	12' 2"	10' 3"	12' 4"e	11' 6"e	9' 8"
	33	16	26' 4"	21' 8"	19' 0"	17' 2"	15' 0"	12' 8"	15' 0"	13' 1"	11' 1"	13' 2"e	11' 10"e	10' 1"	11' 9"e	11' 1"e	9' 4"e	10' 9"e	10' 4"e	8' 9"e
	33	24	21' 6"	19' 0"	16' 7"	15' 0"	13' 1"	11' 1"	12' 4"e	11' 6"e	9' 8"	10' 9"e	10' 4"e	8' 9"e	9' 7"e	9' 7"e	8' 2"e	8' 9"e	8' 9"e	7' 8"e
362S300-43	33	12	33' 3"	26' 4"	23' 1"	21' 0"	18' 3"	15' 6"	18' 3"	16' 0"	13' 6"	16' 8"	14' 7"	12' 3"	15' 6"	13' 6"	11' 4"	14' 7"	12' 8"	10' 8"
	33	16	30' 3"	24' 0"	21' 0"	19' 1"	16' 8"	14' 1"	16' 8"	14' 7"	12' 3"	15' 1"	13' 2"	11' 2"	14' 0"	12' 3"	10' 4"	12' 8"	11' 7"	9' 8"
	33	24	25' 6"	21' 0"	18' 3"	16' 8"	14' 7"	12' 3"	14' 7"	12' 8"	10' 8"	12' 8"	11' 7"	9' 8"	11' 4"e	10' 8"e	9' 0"	10' 4"e	10' 1"e	8' 6"
362S300-54	50	12	35' 3"	28' 0"	24' 6"	22' 2"	19' 4"	16' 4"	19' 4"	17' 0"	14' 3"	17' 7"	15' 4"	13' 0"	16' 4"	14' 3"	12' 1"	15' 4"	13' 6"	11' 4"
	50	16	32' 1"	25' 6"	22' 2"	20' 2"	17' 7"	14' 10"	17' 7"	15' 4"	13' 0"	16' 0"	14' 0"	11' 9"	14' 10"	13' 0"	11' 0"	14' 0"	12' 2"	10' 3"
	50	24	28' 0"	22' 2"	19' 4"	17' 7"	15' 4"	13' 0"	15' 4"	13' 6"	11' 4"	14' 0"	12' 2"	10' 3"	13' 0"	11' 4"	9' 7"	12' 2"	10' 8"	9' 0"
362S300-68	50	12	38' 4"	30' 6"	26' 7"	24' 2"	21' 1"	17' 9"	21' 1"	18' 6"	15' 7"	19' 2"	16' 9"	14' 1"	17' 9"	15' 7"	13' 1"	16' 9"	14' 8"	12' 4"
	50	16	34' 10"	27' 8"	24' 2"	22' 0"	19' 2"	16' 2"	19' 2"	16' 9"	14' 1"	17' 4"	15' 2"	12' 10"	16' 2"	14' 1"	11' 10"	15' 2"	13' 3"	11' 2"
	50	24	30' 6"	24' 2"	21' 1"	19' 2"	16' 9"	14' 1"	16' 9"	14' 8"	12' 4"	15' 2"	13' 3"	11' 2"	14' 1"	12' 4"	10' 4"	13' 3"	11' 7"	9' 9"
362S300-97	50	12	43' 2"	34' 3"	29' 10"	27' 2"	23' 9"	20' 0"	23' 9"	20' 9"	17' 6"	21' 7"	18' 10"	15' 10"	20' 0"	17' 6"	14' 9"	18' 10"	16' 6"	13' 10"
	50	16	39' 2"	31' 1"	27' 2"	24' 8"	21' 7"	18' 2"	21' 7"	18' 10"	15' 10"	19' 7"	17' 1"	14' 6"	18' 2"	15' 10"	13' 4"	17' 1"	15' 0"	12' 7"
	50	24	34' 3"	27' 2"	23' 9"	21' 7"	18' 10"	15' 10"	18' 10"	16' 6"	13' 10"	17' 1"	15' 0"	12' 7"	15' 10"	13' 10"	11' 8"	15' 0"	13' 1"	11' 0"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
250S125-33	33	12	6' 7"	6' 7"	5' 7"	6' 1"	6' 1"	5' 3"	5' 9"	5' 9"	5' 1"	5' 6"	5' 6"	5' 0"	5' 2"	5' 2"	4' 9"	5' 0"	5' 0"	4' 8"
	33	16	5' 8"	5' 8"	5' 1"	5' 3"	5' 3"	4' 10"	5' 0"	5' 0"	4' 8"	4' 8"	4' 8"	4' 6"	4' 6"e	4' 6"e	4' 4"	4' 3"e	4' 3"e	4' 2"e
	33	24	4' 7"e	4' 7"e	4' 4"	4' 3"e	4' 3"e	4' 2"e	4' 1"e	4' 1"e	4' 1"e	3' 10"e	3' 10"e	3' 10"e	3' 8"e	3' 8"e	3' 8"e	3' 6"e	3' 6"e	3' 6"e
250S125-43	33	12	7' 9"	7' 2"	6' 1"	7' 3"	6' 10"	5' 9"	6' 10"	6' 7"	5' 7"	6' 6"	6' 4"	5' 4"	6' 2"	6' 2"	5' 2"	6' 0"	6' 0"	5' 1"
	33	16	6' 9"	6' 6"	5' 6"	6' 3"	6' 3"	5' 3"	6' 0"	6' 0"	5' 1"	5' 8"	5' 8"	4' 10"	5' 4"	5' 4"	4' 9"	5' 2"	5' 2"	4' 7"
	33	24	5' 6"	5' 6"	4' 9"	5' 2"	5' 2"	4' 7"	4' 10"	4' 10"	4' 4"	4' 7"	4' 7"	4' 3"	4' 4"	4' 4"	4' 1"	4' 2"	4' 2"	4' 0"
250S125-54	50	12	8' 9"	7' 8"	6' 6"	8' 4"	7' 4"	6' 2"	8' 1"	7' 1"	6' 0"	7' 9"	6' 9"	5' 9"	7' 7"	6' 7"	5' 7"	7' 4"	6' 4"	5' 4"
	50	16	8' 0"	7' 0"	5' 10"	7' 8"	6' 8"	5' 7"	7' 4"	6' 4"	5' 4"	7' 1"	6' 2"	5' 2"	6' 10"	6' 0"	5' 1"	6' 8"	5' 9"	4' 10"
	50	24	7' 0"	6' 1"	5' 2"	6' 8"	5' 9"	4' 10"	6' 4"	5' 7"	4' 8"	6' 1"	5' 4"	4' 7"	5' 9"	5' 3"	4' 4"	5' 7"	5' 1"	4' 3"
250S162-33	33	12	8' 3"	7' 3"	6' 2"	7' 9"	7' 0"	5' 10"	7' 3"e	6' 8"	5' 8"	7' 0"e	6' 6"e	5' 6"	6' 7"e	6' 3"e	5' 3"	6' 4"e	6' 1"e	5' 2"
	33	16	7' 2"e	6' 7"	5' 7"	6' 8"e	6' 4"e	5' 4"	6' 4"e	6' 1"e	5' 2"	6' 0"e	5' 10"e	5' 0"e	5' 9"e	5' 8"e	4' 9"e	5' 6"e	5' 6"e	4' 8"e
	33	24	5' 10"e	5' 9"e	4' 10"e	5' 6"e	5' 6"e	4' 8"e	5' 2"e	5' 2"e	4' 6"e	4' 10"e	4' 10"e	4' 3"e	4' 8"e	4' 8"e	4' 2"e	4' 6"e	4' 6"e	4' 1"e
250S162-43	33	12	9' 1"	7' 10"	6' 8"	8' 8"	7' 7"	6' 4"	8' 4"	7' 3"	6' 2"	8' 1"	7' 1"	6' 0"	7' 9"	6' 9"	5' 9"	7' 6"	6' 7"	5' 7"
	33	16	8' 3"	7' 2"	6' 1"	7' 10"	6' 10"	5' 9"	7' 6"	6' 7"	5' 7"	7' 1"	6' 4"	5' 4"	6' 9"	6' 2"	5' 2"	6' 6"	6' 0"	5' 1"
	33	24	6' 10"	6' 3"	5' 3"	6' 6"	6' 0"	5' 1"	6' 1"e	5' 9"	4' 10"	5' 9"e	5' 7"e	4' 8"	5' 6"e	5' 4"e	4' 7"	5' 3"e	5' 3"e	4' 4"
250S162-54	50	12	9' 8"	8' 6"	7' 2"	9' 3"	8' 1"	6' 10"	8' 10"	7' 9"	6' 7"	8' 7"	7' 6"	6' 4"	8' 4"	7' 3"	6' 2"	8' 1"	7' 1"	6' 0"
	50	16	8' 9"	7' 8"	6' 6"	8' 6"	7' 4"	6' 2"	8' 1"	7' 1"	6' 0"	7' 10"	6' 10"	5' 9"	7' 7"	6' 7"	5' 7"	7' 4"	6' 6"	5' 4"
	50	24	7' 8"	6' 8"	5' 8"	7' 4"	6' 6"	5' 4"	7' 1"	6' 2"	5' 2"	6' 10"	6' 0"	5' 1"	6' 7"	5' 9"	4' 10"	6' 6"	5' 7"	4' 9"
250S162-68	50	12	10' 4"	9' 1"	7' 8"	9' 10"	8' 8"	7' 3"	9' 7"	8' 3"	7' 0"	9' 2"	8' 1"	6' 9"	8' 10"	7' 9"	6' 7"	8' 8"	7' 7"	6' 4"
	50	16	9' 4"	8' 2"	7' 0"	9' 0"	7' 10"	6' 8"	8' 8"	7' 7"	6' 4"	8' 4"	7' 3"	6' 2"	8' 1"	7' 1"	6' 0"	7' 10"	6' 10"	5' 9"
	50	24	8' 2"	7' 2"	6' 1"	7' 10"	6' 10"	5' 9"	7' 7"	6' 7"	5' 7"	7' 3"	6' 4"	5' 4"	7' 1"	6' 2"	5' 2"	6' 10"	6' 0"	5' 1"
362S125-33	33	12	8' 2"	8' 2"	7' 4"	7' 7"	7' 7"	7' 1"	7' 2"e	7' 2"e	6' 9"	6' 9"e	6' 9"e	6' 7"e	6' 6"e	6' 6"e	6' 4"e	6' 2"e	6' 2"e	6' 2"e
	33	16	7' 1"e	7' 1"e	6' 9"e	6' 7"e	6' 7"e	6' 6"e	6' 2"e	6' 2"e	6' 2"e	5' 10"e	5' 10"e	5' 10"e	5' 7"e	5' 7"e	5' 7"e	5' 4"e	5' 4"e	5' 4"e
	33	24	5' 9"e	5' 9"e	5' 9"e	5' 4"e	5' 4"e	5' 4"e	5' 1"e	5' 1"e	5' 1"e	4' 9"e	4' 9"e	4' 9"e	4' 7"e	4' 7"e	4' 7"e	4' 4"e	4' 4"e	4' 4"e
362S125-43	33	12	9' 9"	9' 7"	8' 1"	9' 2"	9' 2"	7' 9"	8' 7"	8' 7"	7' 6"	8' 2"	8' 2"	7' 2"	7' 9"	7' 9"	7' 0"	7' 6"	7' 6"	6' 9"
	33	16	8' 6"	8' 6"	7' 4"	7' 10"	7' 10"	7' 0"	7' 6"	7' 6"	6' 9"	7' 1"	7' 1"	6' 6"	6' 9"	6' 9"	6' 3"	6' 6"	6' 6"	6' 2"
	33	24	6' 10"	6' 10"	6' 4"	6' 6"	6' 6"	6' 2"	6' 1"e	6' 1"e	5' 10"e	5' 9"e	5' 9"e	5' 8"e	5' 6"e	5' 6"e	5' 6"e	5' 3"e	5' 3"e	5' 3"e
362S125-54	50	12	11' 9"	10' 3"	8' 8"	11' 3"	9' 9"	8' 3"	10' 9"	9' 6"	8' 0"	10' 6"	9' 1"	7' 8"	10' 1"	8' 9"	7' 6"	9' 9"	8' 7"	7' 2"
	50	16	10' 8"	9' 3"	7' 10"	10' 2"	8' 10"	7' 6"	9' 9"	8' 7"	7' 2"	9' 4"	8' 3"	7' 0"	9' 0"	8' 0"	6' 9"	8' 7"	7' 9"	6' 7"
	50	24	9' 2"	8' 2"	6' 10"	8' 7"	7' 9"	6' 7"	8' 1"	7' 6"	6' 3"	7' 8"	7' 2"	6' 1"	7' 4"	7' 0"	5' 10"	7' 0"	6' 9"	5' 9"
362S162-33	33	12	10' 3"e	9' 8"e	8' 2"	9' 7"e	9' 3"e	7' 9"e	9' 1"e	8' 10"e	7' 6"e	8' 7"e	8' 7"e	7' 3"e	8' 2"e	8' 2"e	7' 0"e	7' 10"e	7' 10"e	6' 9"e
	33	16	8' 10"e	8' 9"e	7' 4"e	8' 3"e	8' 3"e	7' 1"e	7' 10"e	7' 10"e	6' 9"e	7' 6"e	7' 6"e	6' 7"e	7' 1"e	7' 1"e	6' 4"e	6' 9"e	6' 9"e	6' 2"e
	33	24	7' 3"e	7' 3"e	6' 6"e	6' 9"e	6' 9"e	6' 2"e	6' 4"e	6' 4"e	6' 0"e	6' 1"e	6' 1"e	5' 9"e	5' 9"e	5' 9"e	5' 7"e	5' 7"e	5' 7"e	5' 4"e
362S162-43	33	12	12' 1"	10' 7"	8' 10"	11' 4"	10' 1"	8' 6"	10' 9"	9' 8"	8' 2"	10' 2"	9' 4"	7' 10"	9' 8"e	9' 1"	7' 8"	9' 3"e	8' 9"e	7' 4"
	33	16	10' 7"	9' 7"	8' 1"	9' 10"e	9' 2"	7' 8"	9' 3"e	8' 9"e	7' 4"	8' 9"e	8' 6"e	7' 2"	8' 4"e	8' 3"e	7' 0"	8' 1"e	8' 0"e	6' 9"e
	33	24	8' 7"e	8' 4"e	7' 1"	8' 1"e	8' 0"e	6' 9"e	7' 7"e	7' 7"e	6' 6"e	7' 2"e	7' 2"e	6' 3"e	6' 10"e	6' 10"e	6' 1"e	6' 7"e	6' 7"e	5' 10"e
362S162-54	50	12	13' 0"	11' 3"	9' 6"	12' 4"	10' 9"	9' 1"	11' 10"	10' 4"	8' 9"	11' 6"	10' 1"	8' 6"	11' 1"	9' 8"	8' 2"	10' 9"	9' 6"	8' 0"
	50	16	11' 9"	10' 3"	8' 8"	11' 3"	9' 9"	8' 3"	10' 9"	9' 6"	8' 0"	10' 6"	9' 1"	7' 8"	10' 1"	8' 9"	7' 6"	9' 9"	8' 7"	7' 2"
	50	24	10' 3"	9' 0"	7' 7"	9' 9"	8' 7"	7' 2"	9' 6"	8' 3"	7' 0"	9' 1"	8' 0"	6' 8"	8' 9"	7' 8"	6' 6"	8' 7"	7' 6"	6' 3"
362S162-68	50	12	13' 10"	12' 1"	10' 2"	13' 3"	11' 7"	9' 9"	12' 8"	11' 1"	9' 4"	12' 3"	10' 9"	9' 1"	11' 10"	10' 4"	8' 9"	11' 7"	10' 1"	8' 6"
	50	16	12' 7"	11' 0"	9' 3"	12' 0"	10' 6"	8' 10"	11' 7"	10' 1"	8' 6"	11' 2"	9' 9"	8' 2"	10' 9"	9' 6"	8' 0"	10' 6"	9' 2"	7' 9"
	50	24	11' 0"	9' 7"	8' 1"	10' 6"	9' 2"	7' 9"	10' 1"	8' 9"	7' 6"	9' 9"	8' 6"	7' 2"	9' 6"	8' 3"	7' 0"	9' 2"	8' 0"	6' 9"
362S162-97	50	12	15' 3"	13' 4"	11' 3"	14' 7"	12' 9"	10' 9"	14' 1"	12' 3"	10' 4"	13' 7"	11' 10"	10' 0"	13' 2"	11' 6"	9' 8"	12' 9"	11' 2"	9' 4"
	50	16	13' 10"	12' 1"	10' 2"	13' 3"	11' 7"	9' 9"	12' 9"	11' 2"	9' 4"	12' 3"	10' 9"	9' 1"	12' 0"	10' 4"	8' 9"	11' 7"	10' 1"	8' 7"
	50	24	12' 1"	10' 7"	8' 10"	11' 7"	10' 1"	8' 7"	11' 2"	9' 9"	8' 2"	10' 9"	9' 4"	7' 10"	10' 4"	9' 1"	7' 8"	10' 1"	8' 10"	7' 6"
362S200-33	33	12	10' 10"e	10' 2"e	8' 7"	10' 2"e	9' 8"e	8' 2"e	9' 7"e	9' 4"e	7' 10"e	9' 1"e	9' 0"e	7' 7"e	8' 8"e	8' 8"e	7' 4"e	8' 3"e	8' 3"e	7' 2"e
	33	16	9' 4"e	9' 3"e	7' 9"e	8' 9"e	8' 9"e	7' 6"e	8' 3"e	8' 3"e	7' 2"e	7' 10"e	7' 10"e	6' 10"e	7' 6"e	7' 6"e	6' 8"e	7' 2"e	7' 2"e	6' 6"e
	33	24	7' 8"e	7' 8"e	6' 9"e	7' 2"e	7' 2"e	6' 6"e	6' 9"e	6' 9"e	6' 3"e	6' 4"e	6' 4"e	6' 1"e	6' 1"e	6' 1"e	5' 10"e	5' 10"e	5' 10"e	5' 8"e
362S200-43	33	12	12' 9"	11' 2"	9' 4"	12' 2"	10' 8"	9' 0"	11' 6"e	10' 3"	8' 8"	11' 0"e	9' 10"	8' 4"	10' 4"e	9' 7"e	8' 1"	10' 0"e	9' 3"e	7' 10"
	33	16	11' 3"e	10' 1"	8' 6"	10' 7"e	9' 8"	8' 2"	10' 0"e	9' 3"e	7' 10"	9' 6"e	9' 0"e	7' 7"	9' 0"e	8' 8"e	7' 4"e	8' 8"e	8' 6"e	7' 1"e
	33	24	9' 3"e	8' 10"e	7' 6"e	8' 8"e	8' 6"e	7' 1"e	8' 2"e	8' 1"e	6' 10"e	7' 8"e	7' 8"e	6' 7"e	7' 4"e	7' 4"e	6' 4"e	7' 1"e	7' 1"e	6' 2"e
362S200-54	50	12	13' 8"	12' 0"	10' 1"	13' 1"	11' 4"	9' 7"	12' 7"	11' 0"	9' 3"	12' 2"	10' 7"	9' 0"	11' 9"	10' 3"	8' 8"	11' 4"	10' 0"	8' 4"
	50	16	12' 4"	10' 10"	9' 2"	11' 10"	10' 4"	8' 9"	11' 4"	10' 0"	8' 4"	11' 0"	9' 7"	8' 1"	10' 8"	9' 3"	7' 10"	10' 4"	9' 1"	7' 8"
	50	24	10' 10"	9' 6"	8' 0"	10' 4"	9' 1"	7' 8"	10' 0"	8' 8"	7' 4"	9' 7"	8' 4"	7' 1"	9' 3"	8' 2"	6' 10"	9' 1"	7' 10"	6' 8"
362S200-68	50	12	14' 8"	12' 9"	10' 9"	14' 0"	12' 3"	10' 3"	13' 6"	11' 9"	9' 10"	13' 0"	11' 4"	9' 7"	12' 7"	11' 0"	9' 3"	12' 3"	10' 8"	9' 0"
	50	16	13' 3"	11' 7"	9' 9"	12' 8"	11' 1"	9' 4"	12' 3"	10' 8"	9' 0"	11' 9"	10' 3"	8' 8"	11' 6"	10' 0"	8' 4"	11' 1"	9' 8"	8' 2"
	50	24	11' 7"	10' 2"	8' 7"	11' 1"	9' 8"	8' 2"	10' 8"	9' 4"	7' 10"	10' 3"	9' 0"	7' 7"	10' 0"	8' 8"	7' 4"	9' 8"	8' 6"	7' 2"
362S200-97	50	12	16' 2"	14' 2"	11' 10"	15' 6"	13' 7"	11' 4"	14' 10"	13' 0"	11' 0"	14' 4"	12' 7"	10' 7"	14' 0"	12' 2"	10' 3"	13' 7"	11' 9"	10' 0"
	50	16	14' 8"	12' 10"	10' 10"	14' 1"	12' 3"	10' 4"	13' 7"	11' 9"	10' 0"	13' 1"	11' 4"	9' 7"	12' 8"	11' 1"	9' 3"	12' 3"	10' 9"	9' 1"
	50	24	12' 10"	11' 2"	9' 6"	12' 3"	10' 9"	9' 1"	11' 9"	10' 3"	8' 8"	11' 4"	10' 0"	8' 4"	11' 1"	9' 8"	8' 2"	10' 9"	9' 4"	7' 10"
362S250-33	33	12	11' 3"e	10' 7"e	8' 10"e	10' 7"e	10' 1"e	8' 6"e	10' 0"e	9' 8"e	8' 2"e	9' 4"e	9' 4"e	7' 10"e	9' 0"e	9' 0"e	7' 8"e	8' 7"e	8' 7"e	7' 6"e
	33	16	9' 9"e	9' 7"e	8' 1"e	9' 1"e	9' 1"e	7' 9"e	8' 7"e	8' 7"e	7' 6"e	8' 2"e	8' 2"e	7' 2"e	7' 9"e	7' 9"e	7' 0"e	7' 6"e	7' 6"e	6' 9"e
	33	24	8' 0"e	8' 0"e	7' 1"e	7' 6"e	7' 6"e	6' 9"e	7' 0"e	7' 0"e	6' 6"e	6' 8"e	6' 8"e	6' 3"e	6' 4"e	6' 4"e	6' 1"e	6' 1"e	6' 1"e	5' 10"e

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
362S250-43	33	12	13' 4"	11' 8"	9' 10"	12' 7"	11' 2"	9' 6"	11' 10"e	10' 9"	9' 1"	11' 3"e	10' 4"e	8' 9"	10' 8"e	10' 1"e	8' 6"	10' 3"e	9' 9"e	8' 3"
	33	16	11' 8"e	10' 8"	9' 0"	10' 10"e	10' 2"e	8' 7"	10' 3"e	9' 9"e	8' 3"	9' 9"e	9' 6"e	8' 0"e	9' 3"e	9' 2"e	7' 8"e	8' 10"e	8' 10"e	7' 6"e
	33	24	9' 6"e	9' 3"e	7' 10"e	8' 10"e	8' 10"e	7' 6"e	8' 4"e	8' 4"e	7' 2"e	8' 0"e	8' 0"e	7' 0"e	7' 7"e	7' 7"e	6' 9"e	7' 3"e	7' 3"e	6' 7"e
362S250-54	50	12	14' 2"	12' 4"	10' 6"	13' 7"	11' 10"	10' 0"	13' 1"	11' 4"	9' 8"	12' 8"	11' 1"	9' 3"	12' 3"	10' 8"	9' 0"	11' 10"	10' 4"	8' 9"
	50	16	12' 10"	11' 3"	9' 6"	12' 4"	10' 9"	9' 1"	11' 10"	10' 4"	8' 9"	11' 6"	10' 0"	8' 6"	11' 1"	9' 8"	8' 2"	10' 9"	9' 4"	8' 0"
	50	24	11' 3"	9' 10"	8' 3"	10' 9"	9' 4"	8' 0"	10' 4"	9' 1"	7' 8"	10' 0"	8' 9"	7' 4"	9' 8"	8' 6"	7' 2"	9' 4"	8' 3"	7' 0"
362S250-68	50	12	15' 4"	13' 6"	11' 4"	14' 9"	12' 10"	10' 10"	14' 2"	12' 4"	10' 6"	13' 8"	12' 0"	10' 1"	13' 3"	11' 7"	9' 9"	12' 10"	11' 3"	9' 6"
	50	16	14' 0"	12' 2"	10' 3"	13' 4"	11' 8"	9' 10"	12' 10"	11' 3"	9' 6"	12' 4"	10' 10"	9' 2"	12' 1"	10' 6"	8' 10"	11' 8"	10' 2"	8' 7"
	50	24	12' 2"	10' 8"	9' 0"	11' 8"	10' 2"	8' 7"	11' 3"	9' 9"	8' 3"	10' 10"	9' 6"	8' 0"	10' 6"	9' 2"	7' 9"	10' 2"	8' 10"	7' 6"
362S250-97	50	12	17' 2"	15' 0"	12' 7"	16' 4"	14' 3"	12' 1"	15' 9"	13' 9"	11' 7"	15' 2"	13' 3"	11' 2"	14' 9"	12' 10"	10' 10"	14' 3"	12' 6"	10' 7"
	50	16	15' 7"	13' 7"	11' 6"	14' 10"	13' 0"	11' 0"	14' 3"	12' 6"	10' 7"	13' 9"	12' 1"	10' 2"	13' 4"	11' 8"	9' 10"	13' 0"	11' 4"	9' 7"
	50	24	13' 7"	11' 10"	10' 0"	13' 0"	11' 4"	9' 7"	12' 6"	10' 10"	9' 2"	12' 1"	10' 7"	8' 10"	11' 8"	10' 2"	8' 7"	11' 4"	9' 10"	8' 4"
362S300-33	33	12	11' 6"e	10' 10"e	9' 2"e	10' 9"e	10' 4"e	8' 9"e	10' 2"e	10' 0"e	8' 6"e	9' 7"e	9' 7"e	8' 2"e	9' 2"e	9' 2"e	7' 10"e	8' 9"e	8' 9"e	7' 8"e
	33	16	10' 0"e	9' 10"e	8' 4"e	9' 3"e	9' 3"e	8' 0"e	8' 9"e	8' 9"e	7' 8"e	8' 3"e	8' 3"e	7' 4"e	8' 0"e	8' 0"e	7' 2"e	7' 7"e	7' 7"e	7' 0"e
	33	24	8' 1"e	8' 1"e	7' 3"e	7' 7"e	7' 7"e	7' 0"e	7' 2"e	7' 2"e	6' 8"e	6' 9"e	6' 9"e	6' 6"e	6' 6"e	6' 6"e	6' 3"e	6' 2"e	6' 2"e	6' 1"e
362S300-43	33	12	13' 7"	12' 1"	10' 2"	12' 8"	11' 7"	9' 8"	12' 0"e	11' 1"	9' 4"	11' 4"e	10' 8"e	9' 0"	10' 10"e	10' 4"e	8' 9"	10' 4"e	10' 1"e	8' 6"
	33	16	11' 9"e	11' 0"	9' 3"	11' 0"e	10' 6"e	8' 10"	10' 4"e	10' 1"e	8' 6"	9' 10"e	9' 8"e	8' 2"e	9' 4"e	9' 4"e	8' 0"e	9' 0"e	9' 0"e	7' 8"e
	33	24	9' 7"e	9' 7"e	8' 1"e	9' 0"e	9' 0"e	7' 8"e	8' 6"e	8' 6"e	7' 4"e	8' 1"e	8' 1"e	7' 2"e	7' 8"e	7' 8"e	7' 0"e	7' 4"e	7' 4"e	6' 9"e
362S300-54	50	12	14' 7"	12' 9"	10' 9"	14' 0"	12' 2"	10' 3"	13' 6"	11' 9"	9' 10"	13' 0"	11' 4"	9' 7"	12' 7"	11' 0"	9' 3"	12' 2"	10' 8"	9' 0"
	50	16	13' 3"	11' 7"	9' 9"	12' 8"	11' 1"	9' 4"	12' 2"	10' 8"	9' 0"	11' 9"	10' 3"	8' 8"	11' 4"	10' 0"	8' 4"	11' 1"	9' 8"	8' 2"
	50	24	11' 7"	10' 2"	8' 7"	11' 1"	9' 8"	8' 2"	10' 8"	9' 3"	7' 10"	10' 3"	9' 0"	7' 7"	10' 0"	8' 8"	7' 4"	9' 8"	8' 6"	7' 2"
362S300-68	50	12	15' 10"	13' 10"	11' 8"	15' 2"	13' 3"	11' 2"	14' 8"	12' 9"	10' 9"	14' 1"	12' 4"	10' 4"	13' 8"	12' 0"	10' 1"	13' 3"	11' 7"	9' 9"
	50	16	14' 6"	12' 7"	10' 8"	13' 9"	12' 1"	10' 2"	13' 3"	11' 7"	9' 9"	12' 10"	11' 2"	9' 6"	12' 6"	10' 10"	9' 2"	12' 1"	10' 7"	8' 10"
	50	24	12' 7"	11' 0"	9' 3"	12' 1"	10' 7"	8' 10"	11' 7"	10' 2"	8' 7"	11' 2"	9' 9"	8' 3"	10' 10"	9' 6"	8' 0"	10' 7"	9' 2"	7' 9"
362S300-97	50	12	17' 10"	15' 8"	13' 2"	17' 1"	15' 0"	12' 7"	16' 6"	14' 4"	12' 1"	15' 10"	13' 10"	11' 8"	15' 4"	13' 6"	11' 4"	15' 0"	13' 1"	11' 0"
	50	16	16' 3"	14' 2"	12' 0"	15' 7"	13' 7"	11' 6"	15' 0"	13' 1"	11' 0"	14' 6"	12' 7"	10' 7"	14' 0"	12' 2"	10' 3"	13' 7"	11' 10"	10' 0"
	50	24	14' 2"	12' 4"	10' 6"	13' 7"	11' 10"	10' 0"	13' 1"	11' 4"	9' 7"	12' 7"	11' 0"	9' 3"	12' 2"	10' 8"	9' 0"	11' 10"	10' 4"	8' 9"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
400S125-33	33	12	22' 9"	20' 10"	18' 2"	16' 2"	14' 6"	12' 2"	13' 2"	12' 8"	10' 8"	11' 4"	11' 4"	9' 8"	10' 2"	10' 2"	9' 0"	9' 3"	9' 3"	8' 6"
	33	16	19' 9"	19' 0"	16' 7"	14' 0"	13' 2"	11' 1"	11' 4"	11' 4"	9' 8"	9' 10"	9' 10"	8' 9"	8' 9"	8' 9"	8' 2"	8' 1"e	8' 1"e	7' 8"e
	33	24	16' 2"	16' 2"	14' 6"	11' 4"	11' 4"	9' 8"	9' 3"	9' 3"	8' 6"	8' 1"e	8' 1"e	7' 8"e	7' 2"e	7' 2"e	7' 1"e	6' 7"e	6' 7"e	6' 7"e
400S125-43	33	12	27' 6"	22' 9"	19' 10"	18' 1"	15' 9"	13' 3"	15' 9"	13' 9"	11' 7"	13' 9"	12' 6"	10' 7"	12' 3"	11' 7"	9' 9"	11' 2"	10' 10"	9' 2"
	33	16	23' 9"	20' 8"	18' 1"	16' 4"	14' 3"	12' 1"	13' 9"	12' 6"	10' 7"	11' 10"	11' 4"	9' 7"	10' 8"	10' 7"	8' 10"	9' 8"	9' 8"	8' 4"
	33	24	19' 4"	18' 1"	15' 9"	13' 9"	12' 6"	10' 7"	11' 2"	10' 10"	9' 2"	9' 8"	9' 8"	8' 4"	8' 8"	8' 8"	7' 9"	7' 10"	7' 10"	7' 3"
400S125-54	50	12	30' 8"	24' 4"	21' 3"	19' 3"	16' 10"	14' 2"	16' 10"	14' 8"	12' 4"	15' 3"	13' 4"	11' 3"	14' 2"	12' 4"	10' 6"	13' 4"	11' 8"	9' 10"
	50	16	27' 10"	22' 1"	19' 3"	17' 7"	15' 3"	12' 10"	15' 3"	13' 4"	11' 3"	13' 10"	12' 2"	10' 3"	12' 10"	11' 3"	9' 6"	12' 2"	10' 7"	9' 0"
	50	24	24' 4"	19' 3"	16' 10"	15' 3"	13' 4"	11' 3"	13' 4"	11' 8"	9' 10"	12' 2"	10' 7"	9' 0"	11' 3"	9' 10"	8' 3"	10' 7"	9' 3"	7' 9"
400S162-33	33	12	28' 9"	22' 10"	20' 0"	18' 2"	15' 10"	13' 4"	15' 10"	13' 10"	11' 8"	14' 4"	12' 7"	10' 7"	12' 10"e	11' 8"	9' 10"	11' 9"e	11' 0"e	9' 3"
	33	16	24' 10"	20' 9"	18' 2"	16' 6"	14' 6"	12' 2"	14' 4"	12' 7"	10' 7"	12' 6"e	11' 6"e	9' 8"	11' 2"e	10' 7"e	9' 0"	10' 2"e	10' 0"e	8' 6"e
	33	24	20' 4"	18' 2"	15' 10"	14' 4"	12' 7"	10' 7"	11' 9"e	11' 0"e	9' 3"	10' 2"e	10' 0"e	8' 6"e	9' 1"e	9' 1"e	7' 9"e	8' 3"e	8' 3"e	7' 4"e
400S162-43	33	12	31' 6"	25' 0"	21' 9"	19' 9"	17' 3"	14' 7"	17' 3"	15' 1"	12' 9"	15' 8"	13' 8"	11' 7"	14' 7"	12' 9"	10' 9"	13' 8"	12' 0"	10' 1"
	33	16	28' 7"	22' 8"	19' 9"	18' 0"	15' 8"	13' 3"	15' 8"	13' 8"	11' 7"	14' 3"	12' 6"	10' 6"	13' 2"	11' 7"	9' 9"	12' 1"	10' 10"	9' 2"
	33	24	24' 2"	19' 9"	17' 3"	15' 8"	13' 8"	11' 7"	13' 8"	12' 0"	10' 1"	12' 1"	10' 10"	9' 2"	10' 9"e	10' 1"	8' 6"	9' 10"e	9' 6"e	8' 0"
400S162-54	50	12	33' 8"	26' 9"	23' 4"	21' 2"	18' 7"	15' 7"	18' 7"	16' 2"	13' 8"	16' 10"	14' 8"	12' 4"	15' 7"	13' 8"	11' 6"	14' 8"	12' 10"	10' 9"
	50	16	30' 7"	24' 3"	21' 2"	19' 3"	16' 10"	14' 2"	16' 10"	14' 8"	12' 4"	15' 3"	13' 4"	11' 3"	14' 2"	12' 4"	10' 6"	13' 4"	11' 8"	9' 10"
	50	24	26' 9"	21' 2"	18' 7"	16' 10"	14' 8"	12' 4"	14' 8"	12' 10"	10' 9"	13' 4"	11' 8"	9' 10"	12' 4"	10' 9"	9' 2"	11' 8"	10' 2"	8' 7"
400S162-68	50	12	36' 1"	28' 7"	25' 0"	22' 8"	19' 10"	16' 8"	19' 10"	17' 3"	14' 7"	18' 0"	15' 9"	13' 3"	16' 8"	14' 7"	12' 3"	15' 9"	13' 9"	11' 7"
	50	16	32' 9"	26' 0"	22' 8"	20' 8"	18' 0"	15' 2"	18' 0"	15' 9"	13' 3"	16' 4"	14' 3"	12' 1"	15' 2"	13' 3"	11' 2"	14' 3"	12' 6"	10' 6"
	50	24	28' 7"	22' 8"	19' 10"	18' 0"	15' 9"	13' 3"	15' 9"	13' 9"	11' 7"	14' 3"	12' 6"	10' 6"	13' 3"	11' 7"	9' 9"	12' 6"	10' 10"	9' 2"
400S162-97	50	12	39' 9"	31' 7"	27' 7"	25' 1"	21' 10"	18' 6"	21' 10"	19' 2"	16' 2"	19' 10"	17' 4"	14' 8"	18' 6"	16' 2"	13' 7"	17' 4"	15' 2"	12' 9"
	50	16	36' 2"	28' 8"	25' 1"	22' 9"	19' 10"	16' 9"	19' 10"	17' 4"	14' 8"	18' 1"	15' 9"	13' 3"	16' 9"	14' 8"	12' 4"	15' 9"	13' 9"	11' 8"
	50	24	31' 7"	25' 1"	21' 10"	19' 10"	17' 4"	14' 8"	17' 4"	15' 2"	12' 9"	15' 9"	13' 9"	11' 8"	14' 8"	12' 9"	10' 9"	13' 9"	12' 1"	10' 2"
400S200-33	33	12	30' 3"	24' 1"	21' 0"	19' 1"	16' 8"	14' 1"	16' 8"	14' 7"	12' 3"	15' 2"	13' 2"	11' 2"	13' 7"e	12' 3"e	10' 4"	12' 4"e	11' 7"e	9' 9"
	33	16	26' 4"	21' 10"	19' 1"	17' 3"	15' 2"	12' 9"	15' 2"	13' 2"	11' 2"	13' 2"e	12' 0"e	10' 1"	11' 9"e	11' 2"e	9' 4"e	10' 9"e	10' 6"e	8' 10"e
	33	24	21' 6"	19' 1"	16' 8"	15' 2"	13' 2"	11' 2"	12' 4"e	11' 7"e	9' 9"	10' 9"e	10' 6"e	8' 10"e	9' 7"e	9' 7"e	8' 2"e	8' 9"e	8' 9"e	7' 8"e
400S200-43	33	12	33' 2"	26' 3"	23' 0"	20' 10"	18' 3"	15' 4"	18' 3"	16' 0"	13' 6"	16' 7"	14' 6"	12' 2"	15' 4"	13' 6"	11' 3"	14' 6"	12' 8"	10' 8"
	33	16	30' 2"	23' 10"	20' 10"	19' 0"	16' 7"	14' 0"	16' 7"	14' 6"	12' 2"	15' 1"	13' 2"	11' 1"	14' 0"	12' 2"	10' 3"	13' 0"e	11' 6"	9' 8"
	33	24	25' 10"	20' 10"	18' 3"	16' 7"	14' 6"	12' 2"	14' 6"	12' 8"	10' 8"	13' 0"e	11' 6"	9' 8"	11' 7"e	10' 8"e	9' 0"	10' 7"e	10' 1"e	8' 6"
400S200-54	50	12	35' 7"	28' 2"	24' 8"	22' 4"	19' 7"	16' 6"	19' 7"	17' 1"	14' 4"	17' 9"	15' 6"	13' 1"	16' 6"	14' 4"	12' 2"	15' 6"	13' 7"	11' 6"
	50	16	32' 3"	25' 8"	22' 4"	20' 4"	17' 9"	15' 0"	17' 9"	15' 6"	13' 1"	16' 2"	14' 1"	11' 10"	15' 0"	13' 1"	11' 1"	14' 1"	12' 3"	10' 4"
	50	24	28' 2"	22' 4"	19' 7"	17' 9"	15' 6"	13' 1"	15' 6"	13' 7"	11' 6"	14' 1"	12' 3"	10' 4"	13' 1"	11' 6"	9' 8"	12' 3"	10' 9"	9' 1"
400S200-68	50	12	38' 1"	30' 3"	26' 4"	24' 0"	21' 0"	17' 8"	21' 0"	18' 3"	15' 6"	19' 1"	16' 8"	14' 0"	17' 8"	15' 6"	13' 0"	16' 8"	14' 7"	12' 3"
	50	16	34' 7"	27' 6"	24' 0"	21' 9"	19' 1"	16' 1"	19' 1"	16' 8"	14' 0"	17' 3"	15' 1"	12' 9"	16' 1"	14' 0"	11' 9"	15' 1"	13' 2"	11' 2"
	50	24	30' 3"	24' 0"	21' 0"	19' 1"	16' 8"	14' 0"	16' 8"	14' 7"	12' 3"	15' 1"	13' 2"	11' 2"	14' 0"	12' 3"	10' 4"	13' 2"	11' 6"	9' 8"
400S200-97	50	12	42' 2"	33' 6"	29' 3"	26' 7"	23' 2"	19' 7"	23' 2"	20' 3"	17' 1"	21' 1"	18' 4"	15' 7"	19' 7"	17' 1"	14' 4"	18' 4"	16' 1"	13' 7"
	50	16	38' 4"	30' 4"	26' 7"	24' 2"	21' 1"	17' 9"	21' 1"	18' 4"	15' 7"	19' 2"	16' 9"	14' 1"	17' 9"	15' 7"	13' 1"	16' 9"	14' 7"	12' 3"
	50	24	33' 6"	26' 7"	23' 2"	21' 1"	18' 4"	15' 7"	18' 4"	16' 1"	13' 7"	16' 9"	14' 7"	12' 3"	15' 7"	13' 7"	11' 6"	14' 7"	12' 9"	10' 9"
400S250-33	33	12	31' 6"	25' 0"	21' 9"	19' 9"	17' 3"	14' 7"	17' 3"	15' 1"	12' 9"	15' 8"e	13' 8"	11' 7"	14' 1"e	12' 9"e	10' 9"	12' 10"e	12' 0"e	10' 1"
	33	16	27' 3"	22' 8"	19' 9"	18' 0"	15' 8"	13' 3"	15' 8"e	13' 8"	11' 7"	13' 8"e	12' 6"e	10' 6"	12' 2"e	11' 7"e	9' 9"e	11' 2"e	10' 10"e	9' 2"e
	33	24	22' 3"	19' 9"	17' 3"	15' 8"e	13' 8"	11' 7"	12' 10"e	12' 0"e	10' 1"	11' 2"e	10' 10"e	9' 2"e	10' 0"e	10' 0"e	8' 6"e	9' 1"e	9' 1"e	8' 0"e
400S250-43	33	12	34' 10"	27' 8"	24' 2"	22' 0"	19' 2"	16' 2"	19' 2"	16' 9"	14' 1"	17' 4"	15' 2"	12' 9"	16' 2"	14' 1"	11' 10"	15' 2"	13' 3"	11' 2"
	33	16	31' 8"	25' 1"	22' 0"	20' 0"	17' 4"	14' 8"	17' 4"	15' 2"	12' 9"	15' 9"	13' 9"	11' 8"	14' 7"	12' 9"	10' 9"	13' 3"e	12' 1"	10' 2"
	33	24	26' 8"	22' 0"	19' 2"	17' 4"	15' 2"	12' 9"	15' 2"	13' 3"	11' 2"	13' 3"e	12' 1"	10' 2"	11' 10"e	11' 2"e	9' 6"	10' 10"e	10' 7"e	8' 10"e
400S250-54	50	12	37' 0"	29' 4"	25' 7"	23' 3"	20' 4"	17' 2"	20' 4"	17' 9"	15' 0"	18' 6"	16' 2"	13' 7"	17' 2"	15' 0"	12' 7"	16' 2"	14' 1"	11' 10"
	50	16	33' 7"	26' 8"	23' 3"	21' 2"	18' 6"	15' 7"	18' 6"	16' 2"	13' 7"	16' 9"	14' 8"	12' 4"	15' 7"	13' 7"	11' 6"	14' 8"	12' 9"	10' 9"
	50	24	29' 4"	23' 3"	20' 4"	18' 6"	16' 2"	13' 7"	16' 2"	14' 1"	11' 10"	14' 8"	12' 9"	10' 9"	13' 7"	11' 10"	10' 0"	12' 9"	11' 2"	9' 4"
400S250-68	50	12	40' 1"	31' 9"	27' 9"	25' 2"	22' 0"	18' 7"	22' 0"	19' 3"	16' 2"	20' 0"	17' 6"	14' 9"	18' 7"	16' 2"	13' 8"	17' 6"	15' 3"	12' 10"
	50	16	36' 4"	28' 10"	25' 2"	22' 10"	20' 0"	16' 10"	20' 0"	17' 6"	14' 9"	18' 2"	15' 10"	13' 4"	16' 10"	14' 9"	12' 4"	15' 10"	13' 10"	11' 8"
	50	24	31' 9"	25' 2"	22' 0"	20' 0"	17' 6"	14' 9"	17' 6"	15' 3"	12' 10"	15' 10"	13' 10"	11' 8"	14' 9"	12' 10"	10' 10"	13' 10"	12' 1"	10' 2"
400S250-97	50	12	44' 7"	35' 4"	30' 10"	28' 1"	24' 6"	20' 8"	24' 6"	21' 4"	18' 1"	22' 3"	19' 6"	16' 4"	20' 8"	18' 1"	15' 3"	19' 6"	17' 0"	14' 4"
	50	16	40' 6"	32' 2"	28' 1"	25' 6"	22' 3"	18' 9"	22' 3"	19' 6"	16' 4"	20' 3"	17' 8"	14' 10"	18' 9"	16' 4"	13' 10"	17' 8"	15' 6"	13' 0"
	50	24	35' 4"	28' 1"	24' 6"	22' 3"	19' 6"	16' 4"	19' 6"	17' 0"	14' 4"	17' 8"	15' 6"	13' 0"	16' 4"	14' 4"	12' 1"	15' 6"	13' 6"	11' 4"
400S300-33	33	12	32' 2"	25' 8"	22' 6"	20' 4"	17' 9"	15' 0"	17' 9"	15' 7"	13' 1"	16' 1"e	14' 2"	11' 10"	14' 4"e	13' 1"e	11' 1"	13' 1"e	12' 4"e	10' 4"e
	33	16	27' 10"	23' 4"	20' 4"	18' 6"	16' 2"	13' 8"	16' 1"e	14' 2"	11' 10"	13' 10"e	12' 10"e	10' 9"	12' 6"e	11' 10"e	10' 1"e	11' 4"e	11' 2"e	9' 6"e
	33	24	22' 8"	20' 4"	17' 9"	16' 1"e	14' 2"	11' 10"	13' 1"e	12' 4"e	10' 4"e	11' 4"e	11' 2"e	9' 6"e	10' 2"e	10' 2"e	8' 9"e	9' 3"e	9' 3"e	8' 3"e
400S300-43	33	12	35' 10"	28' 6"	24' 10"	22' 7"	19' 8"	16' 7"	19' 8"	17' 2"	14' 6"	17' 10"	15' 8"	13' 2"	16' 7"	14' 6"	12' 3"	15' 7"	13' 8"	11' 6"
	33	16	32' 7"	25' 10"	22' 7"	20' 6"	17' 10"	15' 1"	17' 10"	15' 8"	13' 2"	16' 3"	14' 2"	12' 0"	14' 9"	13' 2"	11' 1"	13' 6"e	12' 4"	10' 6"
	33	24	26' 10"	22' 7"	19' 8"	17' 10"	15' 8"	13' 2"	15' 7"	13' 8"	11' 6"	13' 6"e	12' 4"	10' 6"	12' 0"e	11' 6"e	9' 8"	11' 0"e	10' 10"e	9' 2"e
400S300-54	50	12	38' 0"	30' 2"	26' 3"	23' 10"	20' 10"	17' 7"	20' 10"	18' 3"	15' 4"	19' 0"	16' 7"	14' 0"	17' 7"	15' 4"	13' 0"	16' 7"	14' 6"	12' 2"
	50	16	34' 6"	27' 4"	23' 10"	21' 8"	19' 0"	16' 0"	19' 0"	16' 7"	14' 0"	17' 3"	15' 1"	12' 8"	16' 0"	14' 0"	11' 9"	15' 1"	13' 2"	11' 1"
	50	24	30' 2"	23' 10"	20' 10"	19' 0"	16' 7"	14' 0"	16' 7"	14' 6"	12' 2"	15' 1"	13' 2"	11' 1"	14' 0"	12' 2"	10' 3"	13' 2"	11' 6"	9' 8"
400S300-68	50	12	41' 3"	32' 9"	28' 8"	26' 0"	22' 8"	19' 2"	22' 8"	19' 10"	16' 9"	20' 8"	18' 0"	15' 2"	19' 2"	16' 9"	14' 1"	18' 0"	15' 9"	13' 3"
	50	16	37' 6"	29' 9"	26' 0"	23' 8"	20' 8"	17' 4"	20' 8"	18' 0"	15' 2"	18' 9"	16' 4"	13' 9"	17' 4"	15' 2"	12' 9"	16' 4"	14' 3"	12' 1"
	50	24	32' 9"	26' 0"	22' 8"	20' 8"	18' 0"	15' 2"	18' 0"	15' 9"	13' 3"	16' 4"	14' 3"	12' 1"	15' 2"	13' 3"	11' 2"	14' 3"	12' 6"	10' 7"
400S300-97	50	12	46' 6"	36' 10"	32' 2"	29' 3"	25' 7"	21' 7"	25' 7"	22' 4"	18' 10"	23' 2"	20' 3"	17' 1"	21' 7"	18' 10"	15' 10"	20' 3"	17' 8"	15' 0"
	50	16	42' 2"	33' 6"	29' 3"	26' 7"	23' 2"	19' 7"	23' 2"	20' 3"	17' 1"	21' 1"	18' 6"	15' 7"	19' 7"	17' 1"	14' 4"	18' 6"	16' 1"	13' 7"
	50	24	36' 10"	29' 3"	25' 7"	23' 2"	20' 3"	17' 1"	20' 3"	17' 8"	15' 0"	18' 6"	16' 1"	13' 7"	17' 1"	15' 0"	12' 7"	16' 1"	14' 1"	11' 10"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
400S125-33	33	12	8' 7"	8' 7"	8' 0"	8' 1"e	8' 1"e	7' 8"e	7' 7"e	7' 7"e	7' 4"e	7' 2"e	7' 2"e	7' 1"e	6' 10"e	6' 10"e	6' 10"e	6' 7"e	6' 7"e	6' 7"e
	33	16	7' 6"e	7' 6"e	7' 3"e	7' 0"e	7' 0"e	7' 0"e	6' 7"e	6' 7"e	6' 7"e	6' 3"e	6' 3"e	6' 3"e	6' 0"e	6' 0"e	6' 0"e	5' 8"e	5' 8"e	5' 8"e
	33	24	6' 1"e	6' 1"e	6' 1"e	5' 8"e	5' 8"e	5' 8"e	5' 4"e	5' 4"e	5' 4"e	5' 1"e	5' 1"e	5' 1"e	4' 10"e	4' 10"e	4' 10"e	4' 8"e	4' 8"e	4' 8"e
400S125-43	33	12	10' 4"	10' 4"	8' 9"	9' 8"	9' 8"	8' 4"	9' 2"	9' 2"	8' 1"	8' 8"	8' 8"	7' 9"	8' 3"	8' 3"	7' 6"	7' 10"	7' 10"	7' 3"
	33	16	9' 0"	9' 0"	8' 0"	8' 4"	8' 4"	7' 7"	7' 10"	7' 10"	7' 3"	7' 6"	7' 6"	7' 1"	7' 2"e	7' 2"e	6' 9"	6' 10"e	6' 10"e	6' 8"e
	33	24	7' 4"e	7' 4"e	7' 0"	6' 10"e	6' 10"e	6' 8"e	6' 6"e	6' 6"e	6' 4"e	6' 2"e	6' 2"e	6' 2"e	5' 10"e	5' 10"e	5' 10"e	5' 7"e	5' 7"e	5' 7"e
400S125-54	50	12	12' 8"	11' 1"	9' 4"	12' 2"	10' 7"	9' 0"	11' 8"	10' 2"	8' 7"	11' 3"	9' 10"	8' 3"	10' 10"	9' 7"	8' 1"	10' 7"	9' 3"	7' 9"
	50	16	11' 7"	10' 1"	8' 6"	11' 1"	9' 8"	8' 2"	10' 7"	9' 3"	7' 9"	10' 0"	9' 0"	7' 7"	9' 7"	8' 8"	7' 3"	9' 2"	8' 4"	7' 1"
	50	24	9' 9"	8' 9"	7' 4"	9' 2"	8' 4"	7' 1"	8' 7"	8' 1"	6' 9"	8' 2"	7' 9"	6' 7"	7' 9"	7' 7"	6' 4"	7' 6"	7' 4"	6' 2"
400S162-33	33	12	10' 10"e	10' 6"e	8' 9"e	10' 2"e	10' 0"e	8' 6"e	9' 7"e	9' 7"e	8' 1"e	9' 1"e	9' 1"e	7' 9"e	8' 8"e	8' 8"e	7' 7"e	8' 3"e	8' 3"e	7' 4"e
	33	16	9' 4"e	9' 4"e	8' 0"e	8' 9"e	8' 9"e	7' 8"e	8' 3"e	8' 3"e	7' 4"e	7' 10"e	7' 10"e	7' 1"e	7' 6"e	7' 6"e	6' 10"e	7' 2"e	7' 2"e	6' 8"e
	33	24	7' 8"e	7' 8"e	7' 0"e	7' 2"e	7' 2"e	6' 8"e	6' 9"e	6' 9"e	6' 6"e	6' 4"e	6' 4"e	6' 2"e	6' 1"e	6' 1"e	6' 0"e	5' 10"e	5' 10"e	5' 10"e
400S162-43	33	12	12' 10"	11' 4"	9' 7"	12' 1"	10' 10"	9' 2"	11' 4"	10' 6"	8' 9"	10' 9"e	10' 1"	8' 6"	10' 3"e	9' 9"e	8' 3"	9' 10"e	9' 6"e	8' 0"
	33	16	11' 2"e	10' 4"	8' 8"	10' 6"e	9' 10"e	8' 4"	9' 10"e	9' 6"e	8' 0"	9' 4"e	9' 2"e	7' 9"e	8' 10"e	8' 10"e	7' 6"e	8' 6"e	8' 6"e	7' 3"e
	33	24	9' 1"e	9' 0"e	7' 7"e	8' 6"e	8' 6"e	7' 3"e	8' 1"e	8' 1"e	7' 0"e	7' 7"e	7' 7"e	6' 9"e	7' 3"e	7' 3"e	6' 7"e	7' 0"e	7' 0"e	6' 4"e
400S162-54	50	12	14' 0"	12' 2"	10' 3"	13' 4"	11' 8"	9' 10"	12' 10"	11' 2"	9' 6"	12' 4"	10' 9"	9' 2"	12' 0"	10' 6"	8' 10"	11' 8"	10' 2"	8' 7"
	50	16	12' 8"	11' 1"	9' 4"	12' 2"	10' 7"	9' 0"	11' 8"	10' 2"	8' 7"	11' 3"	9' 10"	8' 3"	10' 10"	9' 6"	8' 1"	10' 7"	9' 3"	7' 9"
	50	24	11' 1"	9' 8"	8' 2"	10' 7"	9' 3"	7' 9"	10' 2"	8' 10"	7' 6"	9' 10"	8' 7"	7' 3"	9' 6"	8' 3"	7' 0"	9' 3"	8' 1"	6' 9"
400S162-68	50	12	15' 0"	13' 1"	11' 0"	14' 3"	12' 6"	10' 6"	13' 9"	12' 0"	10' 1"	13' 3"	11' 7"	9' 9"	12' 10"	11' 2"	9' 6"	12' 6"	10' 10"	9' 2"
	50	16	13' 7"	11' 10"	10' 0"	13' 0"	11' 4"	9' 7"	12' 6"	10' 10"	9' 2"	12' 1"	10' 6"	8' 10"	11' 8"	10' 2"	8' 7"	11' 4"	9' 10"	8' 4"
	50	24	11' 10"	10' 4"	8' 9"	11' 4"	9' 10"	8' 4"	10' 10"	9' 6"	8' 1"	10' 6"	9' 2"	7' 9"	10' 2"	8' 10"	7' 6"	9' 10"	8' 8"	7' 3"
400S162-97	50	12	16' 6"	14' 4"	12' 2"	15' 9"	13' 9"	11' 8"	15' 2"	13' 3"	11' 2"	14' 8"	12' 9"	10' 9"	14' 2"	12' 4"	10' 6"	13' 9"	12' 1"	10' 2"
	50	16	15' 0"	13' 1"	11' 1"	14' 4"	12' 7"	10' 7"	13' 9"	12' 1"	10' 2"	13' 3"	11' 8"	9' 9"	12' 10"	11' 3"	9' 6"	12' 7"	11' 0"	9' 2"
	50	24	13' 1"	11' 6"	9' 8"	12' 7"	11' 0"	9' 2"	12' 1"	10' 6"	8' 10"	11' 8"	10' 2"	8' 7"	11' 3"	9' 10"	8' 3"	11' 0"	9' 7"	8' 1"
400S200-33	33	12	11' 6"e	11' 0"e	9' 3"e	10' 9"e	10' 6"e	8' 10"e	10' 2"e	10' 1"e	8' 6"e	9' 7"e	9' 7"e	8' 2"e	9' 2"e	9' 2"e	8' 0"e	8' 9"e	8' 9"e	7' 8"e
	33	16	10' 0"e	10' 0"e	8' 4"e	9' 3"e	9' 3"e	8' 1"e	8' 9"e	8' 9"e	7' 8"e	8' 3"e	8' 3"e	7' 6"e	8' 0"e	8' 0"e	7' 2"e	7' 7"e	7' 7"e	7' 0"e
	33	24	8' 1"e	8' 1"e	7' 4"e	7' 7"e	7' 7"e	7' 0"e	7' 2"e	7' 2"e	6' 9"e	6' 9"e	6' 9"e	6' 6"e	6' 6"e	6' 6"e	6' 3"e	6' 2"e	6' 2"e	6' 1"e
400S200-43	33	12	13' 9"	12' 0"	10' 1"	13' 0"e	11' 6"	9' 8"	12' 2"e	11' 1"	9' 3"	11' 7"e	10' 8"e	9' 0"	11' 0"e	10' 3"e	8' 8"	10' 7"e	10' 1"e	8' 6"
	33	16	12' 0"e	10' 10"	9' 2"	11' 2"e	10' 6"e	8' 9"	10' 7"e	10' 1"e	8' 6"	10' 0"e	9' 8"e	8' 2"e	9' 7"e	9' 4"e	7' 10"e	9' 2"e	9' 1"e	7' 8"e
	33	24	9' 9"e	9' 6"e	8' 1"e	9' 2"e	9' 1"e	7' 8"e	8' 7"e	8' 7"e	7' 4"e	8' 2"e	8' 2"e	7' 1"e	7' 9"e	7' 9"e	6' 10"e	7' 6"e	7' 6"e	6' 8"e
400S200-54	50	12	14' 9"	12' 10"	10' 10"	14' 1"	12' 3"	10' 4"	13' 7"	11' 10"	10' 0"	13' 1"	11' 6"	9' 8"	12' 8"	11' 1"	9' 4"	12' 3"	10' 9"	9' 1"
	50	16	13' 4"	11' 8"	9' 10"	12' 9"	11' 2"	9' 6"	12' 3"	10' 9"	9' 1"	11' 10"	10' 4"	8' 9"	11' 6"	10' 1"	8' 6"	11' 2"	9' 9"	8' 3"
	50	24	11' 8"	10' 2"	8' 7"	11' 2"	9' 9"	8' 3"	10' 9"	9' 4"	7' 10"	10' 4"	9' 1"	7' 8"	10' 1"	8' 9"	7' 4"	9' 9"	8' 7"	7' 2"
400S200-68	50	12	15' 9"	13' 9"	11' 8"	15' 1"	13' 2"	11' 2"	14' 7"	12' 8"	10' 8"	14' 0"	12' 3"	10' 4"	13' 7"	11' 10"	10' 0"	13' 2"	11' 6"	9' 8"
	50	16	14' 4"	12' 7"	10' 7"	13' 8"	12' 0"	10' 1"	13' 2"	11' 6"	9' 8"	12' 9"	11' 2"	9' 4"	12' 4"	10' 9"	9' 1"	12' 0"	10' 6"	8' 10"
	50	24	12' 7"	11' 0"	9' 3"	12' 0"	10' 6"	8' 10"	11' 6"	10' 1"	8' 6"	11' 2"	9' 8"	8' 2"	10' 9"	9' 4"	8' 0"	10' 6"	9' 2"	7' 8"
400S200-97	50	12	17' 6"	15' 3"	12' 10"	16' 9"	14' 7"	12' 3"	16' 1"	14' 1"	11' 10"	15' 7"	13' 7"	11' 6"	15' 1"	13' 2"	11' 1"	14' 7"	12' 9"	10' 9"
	50	16	15' 10"	13' 10"	11' 8"	15' 2"	13' 3"	11' 2"	14' 7"	12' 9"	10' 9"	14' 1"	12' 3"	10' 4"	13' 8"	12' 0"	10' 1"	13' 3"	11' 7"	9' 9"
	50	24	13' 10"	12' 1"	10' 2"	13' 3"	11' 7"	9' 9"	12' 9"	11' 2"	9' 4"	12' 3"	10' 9"	9' 1"	12' 0"	10' 4"	8' 9"	11' 7"	10' 1"	8' 7"
400S250-33	33	12	11' 10"e	11' 4"e	9' 7"e	11' 2"e	10' 10"e	9' 2"e	10' 6"e	10' 6"e	8' 10"e	10' 0"e	10' 0"e	8' 6"e	9' 6"e	9' 6"e	8' 3"e	9' 1"e	9' 1"e	8' 0"e
	33	16	10' 3"e	10' 3"e	8' 8"e	9' 8"e	9' 8"e	8' 4"e	9' 1"e	9' 1"e	8' 0"e	8' 7"e	8' 7"e	7' 9"e	8' 2"e	8' 2"e	7' 6"e	7' 10"e	7' 10"e	7' 3"e
	33	24	8' 4"e	8' 4"e	7' 7"e	7' 10"e	7' 10"e	7' 3"e	7' 4"e	7' 4"e	7' 0"e	7' 1"e	7' 1"e	6' 9"e	6' 8"e	6' 8"e	6' 7"e	6' 4"e	6' 4"e	6' 4"e
400S250-43	33	12	14' 2"	12' 7"	10' 8"	13' 3"e	12' 1"	10' 2"	12' 7"e	11' 7"e	9' 9"	11' 10"e	11' 2"e	9' 6"	11' 4"e	10' 10"e	9' 2"	10' 10"e	10' 7"e	8' 10"e
	33	16	12' 3"e	11' 6"e	9' 8"	11' 6"e	11' 0"e	9' 3"	10' 10"e	10' 7"e	8' 10"e	10' 3"e	10' 2"e	8' 7"e	9' 9"e	9' 9"e	8' 3"e	9' 4"e	9' 4"e	8' 1"e
	33	24	10' 1"e	10' 0"e	8' 6"e	9' 4"e	9' 4"e	8' 1"e	8' 10"e	8' 10"e	7' 9"e	8' 4"e	8' 4"e	7' 6"e	8' 0"e	8' 0"e	7' 3"e	7' 8"e	7' 8"e	7' 1"e
400S250-54	50	12	15' 3"	13' 4"	11' 3"	14' 8"	12' 9"	10' 9"	14' 1"	12' 3"	10' 4"	13' 7"	11' 10"	10' 0"	13' 2"	11' 6"	9' 8"	12' 9"	11' 2"	9' 4"
	50	16	13' 10"	12' 2"	10' 3"	13' 3"	11' 7"	9' 9"	12' 9"	11' 2"	9' 4"	12' 4"	10' 9"	9' 1"	12' 0"	10' 6"	8' 9"	11' 7"	10' 2"	8' 7"
	50	24	12' 2"	10' 7"	9' 0"	11' 7"	10' 2"	8' 7"	11' 2"	9' 9"	8' 3"	10' 9"	9' 4"	8' 0"	10' 6"	9' 2"	7' 8"	10' 1"e	8' 10"	7' 6"
400S250-68	50	12	16' 7"	14' 6"	12' 2"	15' 10"	13' 10"	11' 8"	15' 3"	13' 4"	11' 3"	14' 9"	12' 10"	10' 10"	14' 3"	12' 6"	10' 6"	13' 10"	12' 1"	10' 2"
	50	16	15' 1"	13' 2"	11' 1"	14' 4"	12' 7"	10' 7"	13' 10"	12' 1"	10' 2"	13' 4"	11' 8"	9' 10"	13' 0"	11' 3"	9' 7"	12' 7"	11' 0"	9' 3"
	50	24	13' 2"	11' 6"	9' 8"	12' 7"	11' 0"	9' 3"	12' 1"	10' 7"	8' 10"	11' 8"	10' 2"	8' 7"	11' 3"	9' 10"	8' 4"	11' 0"	9' 7"	8' 1"
400S250-97	50	12	18' 6"	16' 2"	13' 7"	17' 8"	15' 6"	13' 0"	17' 0"	14' 10"	12' 6"	16' 4"	14' 4"	12' 1"	15' 10"	13' 10"	11' 8"	15' 6"	13' 6"	11' 4"
	50	16	16' 9"	14' 8"	12' 4"	16' 1"	14' 0"	11' 9"	15' 6"	13' 6"	11' 4"	14' 10"	13' 0"	11' 0"	14' 6"	12' 7"	10' 8"	14' 0"	12' 3"	10' 3"
	50	24	14' 8"	12' 9"	10' 9"	14' 0"	12' 3"	10' 3"	13' 6"	11' 9"	10' 0"	13' 0"	11' 4"	9' 7"	12' 7"	11' 0"	9' 3"	12' 3"	10' 8"	9' 0"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
   The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

400S300-33	33	12	12' 2"e	11' 8"e	9' 10"e	11' 4"e	11' 2"e	9' 6"e	10' 8"e	10' 8"e	9' 1"e	10' 2"e	10' 2"e	8' 9"e	9' 8"e	9' 8"e	8' 6"e	9' 3"e	9' 3"e	8' 3"e
	33	16	10' 6"e	10' 6"e	9' 0"e	9' 9"e	9' 9"e	8' 7"e	9' 3"e	9' 3"e	8' 3"e	8' 9"e	8' 9"e	8' 0"e	8' 4"e	8' 4"e	7' 8"e	8' 0"e	8' 0"e	7' 6"e
	33	24	8' 7"e	8' 7"e	7' 10"e	8' 0"e	8' 0"e	7' 6"e	7' 7"e	7' 7"e	7' 2"e	7' 2"e	7' 2"e	7' 0"e	6' 10"e	6' 10"e	6' 9"e	6' 7"e	6' 7"e	6' 7"e
400S300-43	33	12	14' 4"	13' 0"	11' 0"	13' 6"e	12' 4"	10' 6"	12' 8"e	12' 0"e	10' 1"	12' 0"e	11' 6"e	9' 8"	11' 6"e	11' 2"e	9' 4"e	11' 0"e	10' 10"e	9' 2"e
	33	16	12' 6"e	11' 9"e	10' 0"	11' 8"e	11' 3"e	9' 6"	11' 0"e	10' 10"e	9' 2"e	10' 4"e	10' 4"e	8' 9"e	9' 10"e	9' 10"e	8' 7"e	9' 6"e	9' 6"e	8' 3"e
	33	24	10' 2"e	10' 2"e	8' 8"e	9' 6"e	9' 6"e	8' 3"e	9' 0"e	9' 0"e	8' 0"e	8' 6"e	8' 6"e	7' 8"e	8' 1"e	8' 1"e	7' 6"e	7' 9"e	7' 9"e	7' 3"e
400S300-54	50	12	15' 9"	13' 9"	11' 7"	15' 1"	13' 2"	11' 1"	14' 6"	12' 8"	10' 8"	14' 0"	12' 2"	10' 3"	13' 7"	11' 9"	10' 0"	13' 2"	11' 6"	9' 8"
	50	16	14' 3"	12' 6"	10' 7"	13' 8"	12' 0"	10' 1"	13' 2"	11' 6"	9' 8"	12' 8"	11' 1"	9' 4"	12' 3"	10' 9"	9' 1"	12' 0"	10' 6"	8' 9"
	50	24	12' 6"	10' 10"	9' 2"	12' 0"	10' 6"	8' 9"	11' 6"	10' 1"	8' 6"	11' 1"	9' 8"	8' 2"	10' 8"e	9' 4"	7' 10"	10' 3"e	9' 1"	7' 8"
400S300-68	50	12	17' 1"	15' 0"	12' 7"	16' 4"	14' 3"	12' 1"	15' 9"	13' 9"	11' 7"	15' 2"	13' 3"	11' 2"	14' 8"	12' 10"	10' 10"	14' 3"	12' 6"	10' 7"
	50	16	15' 7"	13' 7"	11' 6"	14' 10"	13' 0"	11' 0"	14' 3"	12' 6"	10' 7"	13' 9"	12' 1"	10' 2"	13' 4"	11' 8"	9' 10"	13' 0"	11' 4"	9' 7"
	50	24	13' 7"	11' 10"	10' 0"	13' 0"	11' 4"	9' 7"	12' 6"	10' 10"	9' 2"	12' 1"	10' 7"	8' 10"	11' 8"	10' 2"	8' 7"	11' 4"	9' 10"	8' 4"
400S300-97	50	12	19' 3"	16' 10"	14' 2"	18' 6"	16' 1"	13' 7"	17' 8"	15' 6"	13' 1"	17' 1"	15' 0"	12' 7"	16' 7"	14' 6"	12' 2"	16' 1"	14' 1"	11' 10"
	50	16	17' 6"	15' 3"	12' 10"	16' 9"	14' 7"	12' 4"	16' 1"	14' 1"	11' 10"	15' 7"	13' 7"	11' 6"	15' 1"	13' 2"	11' 1"	14' 7"	12' 9"	10' 9"
	50	24	15' 3"	13' 4"	11' 3"	14' 7"	12' 9"	10' 9"	14' 1"	12' 3"	10' 4"	13' 7"	11' 10"	10' 0"	13' 2"	11' 6"	9' 8"	12' 9"	11' 2"	9' 4"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
600S125-33	33	12	28' 7"	28' 7"	25' 0"	20' 2"	19' 9"	16' 8"	16' 6"	16' 6"	14' 7"	14' 3"	14' 3"	13' 3"	12' 9"e	12' 9"e	12' 3"e	11' 8"e	11' 8"e	11' 7"e
	33	16	24' 9"	24' 9"	22' 8"	17' 6"	17' 6"	15' 2"	14' 3"	14' 3"	13' 3"	12' 4"e	12' 4"e	12' 1"e	11' 1"e	11' 1"e	11' 1"e	10' 1"e	10' 1"e	10' 1"e
	33	24	20' 2"	20' 2"	19' 9"	14' 3"	14' 3"	13' 3"	11' 8"e	11' 8"e	11' 7"e	10' 1"e	10' 1"e	10' 1"e	9' 0"e	9' 0"e	9' 0"e	8' 3"e	8' 3"e	8' 3"e
600S125-43	33	12	34' 9"	31' 6"	27' 6"	24' 7"	21' 10"	18' 4"	20' 1"	19' 1"	16' 1"	17' 4"	17' 3"	14' 7"	15' 7"	15' 7"	13' 7"	14' 2"	14' 2"	12' 9"
	33	16	30' 2"	28' 7"	25' 0"	21' 3"	19' 10"	16' 8"	17' 4"	17' 3"	14' 7"	15' 1"	15' 1"	13' 3"	13' 6"	13' 6"	12' 3"	12' 3"e	12' 3"e	11' 7"
	33	24	24' 7"	24' 7"	21' 10"	17' 4"	17' 3"	14' 7"	14' 2"	14' 2"	12' 9"	12' 3"e	12' 3"e	11' 7"	11' 0"e	11' 0"e	10' 9"e	10' 1"e	10' 1"e	10' 1"e
600S125-54	50	12	42' 7"	33' 9"	29' 6"	26' 9"	23' 4"	19' 9"	23' 4"	20' 6"	17' 3"	21' 3"	18' 7"	15' 8"	19' 9"	17' 3"	14' 7"	18' 7"	16' 3"	13' 8"
	50	16	38' 8"	30' 8"	26' 9"	24' 4"	21' 3"	18' 0"	21' 3"	18' 7"	15' 8"	19' 4"	16' 10"	14' 3"	18' 0"	15' 8"	13' 2"	16' 6"	14' 9"	12' 6"
	50	24	33' 1"	26' 9"	23' 4"	21' 3"	18' 7"	15' 8"	18' 7"	16' 3"	13' 8"	16' 6"	14' 9"	12' 6"	14' 9"	13' 8"	11' 7"	13' 6"	12' 10"	10' 10"
600S162-33	33	12	36' 1"	31' 6"	27' 6"	25' 0"	21' 9"	18' 4"	20' 9"e	19' 1"	16' 1"	18' 0"e	17' 3"e	14' 7"e	16' 1"e	16' 1"e	13' 7"e	14' 8"e	14' 8"e	12' 9"e
	33	16	31' 2"	28' 7"	25' 0"	22' 1"e	19' 9"	16' 8"	18' 0"e	17' 3"e	14' 7"e	15' 7"e	15' 7"e	13' 3"e	14' 0"e	14' 0"e	12' 3"e	12' 8"e	12' 8"e	11' 7"e
	33	24	25' 6"	25' 0"	21' 9"	18' 0"e	17' 3"e	14' 7"e	14' 8"e	14' 8"e	12' 9"e	12' 8"e	12' 8"e	11' 7"e	11' 4"e	11' 4"e	10' 9"e	10' 4"e	10' 4"e	10' 1"e
600S162-43	33	12	43' 1"	34' 3"	30' 0"	27' 2"	23' 9"	20' 1"	23' 9"	20' 9"	17' 6"	21' 7"	18' 10"	15' 10"	19' 3"	17' 6"	14' 9"	17' 7"e	16' 6"e	13' 10"
	33	16	37' 3"	31' 2"	27' 2"	24' 8"	21' 7"	18' 2"	21' 7"	18' 10"	15' 10"	18' 8"e	17' 2"	14' 6"	16' 8"e	15' 10"e	13' 4"	15' 2"e	15' 0"e	12' 7"e
	33	24	30' 6"	27' 2"	23' 9"	21' 7"	18' 10"	15' 10"	17' 7"e	16' 6"e	13' 10"	15' 2"e	15' 0"e	12' 7"e	13' 7"e	13' 7"e	11' 8"e	12' 4"e	12' 4"e	11' 0"e
600S162-54	50	12	46' 4"	36' 9"	32' 2"	29' 2"	25' 6"	21' 6"	25' 6"	22' 3"	18' 9"	23' 2"	20' 3"	17' 1"	21' 6"	18' 9"	15' 10"	20' 3"	17' 8"	14' 10"
	50	16	42' 1"	33' 6"	29' 2"	26' 6"	23' 2"	19' 7"	23' 2"	20' 3"	17' 1"	21' 1"	18' 4"	15' 6"	19' 7"	17' 1"	14' 4"	18' 4"	16' 1"	13' 7"
	50	24	36' 9"	29' 2"	25' 6"	23' 2"	20' 3"	17' 1"	20' 3"	17' 8"	14' 10"	18' 4"	16' 1"	13' 7"	17' 1"	14' 10"	12' 7"	16' 1"	14' 0"	11' 9"
600S162-68	50	12	49' 8"	39' 6"	34' 6"	31' 3"	27' 4"	23' 1"	27' 4"	23' 10"	20' 2"	24' 10"	21' 8"	18' 3"	23' 1"	20' 2"	17' 0"	21' 8"	19' 0"	16' 0"
	50	16	45' 2"	35' 10"	31' 3"	28' 6"	24' 10"	21' 0"	24' 10"	21' 8"	18' 3"	22' 7"	19' 8"	16' 7"	21' 0"	18' 3"	15' 6"	19' 8"	17' 2"	14' 6"
	50	24	39' 6"	31' 3"	27' 4"	24' 10"	21' 8"	18' 3"	21' 8"	19' 0"	16' 0"	19' 8"	17' 2"	14' 6"	18' 3"	16' 0"	13' 6"	17' 2"	15' 1"	12' 8"
600S162-97	50	12	55' 1"	43' 8"	38' 2"	34' 8"	30' 3"	25' 7"	30' 3"	26' 6"	22' 3"	27' 7"	24' 1"	20' 3"	25' 7"	22' 3"	18' 9"	24' 1"	21' 0"	17' 8"
	50	16	50' 1"	39' 8"	34' 8"	31' 6"	27' 7"	23' 2"	27' 7"	24' 1"	20' 3"	25' 0"	21' 10"	18' 4"	23' 2"	20' 3"	17' 1"	21' 10"	19' 1"	16' 1"
	50	24	43' 8"	34' 8"	30' 3"	27' 7"	24' 1"	20' 3"	24' 1"	21' 0"	17' 8"	21' 10"	19' 1"	16' 1"	20' 3"	17' 8"	15' 0"	19' 1"	16' 8"	14' 1"
600S200-33	33	12	38' 7"	32' 10"	28' 9"	26' 1"	22' 9"	19' 2"	22' 3"e	19' 10"e	16' 9"	19' 3"e	18' 1"e	15' 3"e	17' 3"e	16' 9"e	14' 2"e	15' 9"e	15' 9"e	13' 3"e
	33	16	33' 4"	29' 10"	26' 1"	23' 7"e	20' 8"	17' 6"	19' 3"e	18' 1"e	15' 3"e	16' 8"e	16' 6"e	13' 10"e	15' 0"e	15' 0"e	12' 10"e	13' 7"e	13' 7"e	12' 1"e
	33	24	27' 3"	26' 1"	22' 9"	19' 3"e	18' 1"e	15' 3"e	15' 9"e	15' 9"e	13' 3"e	13' 7"e	13' 7"e	12' 1"e	12' 2"e	12' 2"e	11' 3"e	11' 1"e	11' 1"e	10' 7"e
600S200-43	33	12	45' 4"	36' 0"	31' 6"	28' 7"	25' 0"	21' 1"	25' 0"	21' 9"	18' 4"	22' 8"	19' 9"	16' 8"	20' 7"e	18' 4"	15' 6"	18' 9"e	17' 3"e	14' 7"
	33	16	39' 10"	32' 8"	28' 7"	26' 0"	22' 8"	19' 1"	22' 8"	19' 9"	16' 8"	20' 0"e	18' 0"	15' 2"	17' 10"e	16' 8"e	14' 1"	16' 3"e	15' 8"e	13' 3"e
	33	24	32' 7"	28' 7"	25' 0"	22' 8"	19' 9"	16' 8"	18' 9"e	17' 3"e	14' 7"	16' 3"e	15' 8"e	13' 3"e	14' 7"e	14' 7"e	12' 3"e	13' 3"e	13' 3"e	11' 7"e
600S200-54	50	12	48' 8"	38' 8"	33' 9"	30' 8"	26' 9"	22' 7"	26' 9"	23' 4"	19' 9"	24' 4"	21' 3"	18' 0"	22' 7"	19' 9"	16' 8"	21' 3"	18' 7"	15' 8"
	50	16	44' 3"	35' 2"	30' 8"	27' 10"	24' 4"	20' 7"	24' 4"	21' 3"	18' 0"	22' 1"	19' 3"	16' 3"	20' 7"	18' 0"	15' 1"	19' 3"	16' 10"	14' 3"
	50	24	38' 8"	30' 8"	26' 9"	24' 4"	21' 3"	18' 0"	21' 3"	18' 7"	15' 8"	19' 3"	16' 10"	14' 3"	18' 0"	15' 8"	13' 2"	16' 10"	14' 9"	12' 6"
600S200-68	50	12	52' 3"	41' 6"	36' 3"	32' 10"	28' 9"	24' 3"	28' 9"	25' 1"	21' 2"	26' 2"	22' 9"	19' 3"	24' 3"	21' 2"	17' 10"	22' 9"	20' 0"	16' 9"
	50	16	47' 6"	37' 8"	32' 10"	29' 10"	26' 2"	22' 1"	26' 2"	22' 9"	19' 3"	23' 9"	20' 9"	17' 6"	22' 1"	19' 3"	16' 3"	20' 9"	18' 1"	15' 3"
	50	24	41' 6"	32' 10"	28' 9"	26' 2"	22' 9"	19' 3"	22' 9"	20' 0"	16' 9"	20' 9"	18' 1"	15' 3"	19' 3"	16' 9"	14' 2"	18' 1"	15' 9"	13' 4"
600S200-97	50	12	58' 1"	46' 1"	40' 3"	36' 7"	32' 0"	27' 0"	32' 0"	27' 10"	23' 6"	29' 0"	25' 4"	21' 4"	27' 0"	23' 6"	19' 10"	25' 4"	22' 2"	18' 8"
	50	16	52' 9"	41' 10"	36' 7"	33' 2"	29' 0"	24' 6"	29' 0"	25' 4"	21' 4"	26' 4"	23' 0"	19' 4"	24' 6"	21' 4"	18' 0"	23' 0"	20' 1"	17' 0"
	50	24	46' 1"	36' 7"	32' 0"	29' 0"	25' 4"	21' 4"	25' 4"	22' 2"	18' 8"	23' 0"	20' 1"	17' 0"	21' 4"	18' 8"	15' 9"	20' 1"	17' 7"	14' 9"
600S250-33	33	12	39' 6"	34' 0"	29' 8"	27' 0"	23' 7"	19' 10"	22' 9"e	20' 7"e	17' 4"	19' 8"e	18' 8"e	15' 9"e	17' 7"e	17' 4"e	14' 8"e	16' 1"e	16' 1"e	13' 9"e
	33	16	34' 2"	30' 10"	27' 0"	24' 2"e	21' 4"	18' 1"	19' 8"e	18' 8"e	15' 9"e	17' 1"e	17' 0"e	14' 4"e	15' 3"e	15' 3"e	13' 3"e	14' 0"e	14' 0"e	12' 6"e
	33	24	27' 10"	27' 0"	23' 7"	19' 8"e	18' 8"e	15' 9"e	16' 1"e	16' 1"e	13' 9"e	14' 0"e	14' 0"e	12' 6"e	12' 6"e	12' 6"e	11' 7"e	11' 4"e	11' 4"e	11' 0"e
600S250-43	33	12	47' 4"	37' 8"	32' 10"	29' 10"	26' 1"	22' 0"	26' 1"	22' 9"	19' 2"	23' 8"	20' 8"	17' 6"	21' 2"e	19' 2"	16' 2"	19' 3"e	18' 1"e	15' 3"
	33	16	41' 0"	34' 2"	29' 10"	27' 2"	23' 8"	20' 0"	23' 8"	20' 8"	17' 6"	20' 6"e	18' 9"e	15' 10"	18' 3"e	17' 6"e	14' 8"e	16' 8"e	16' 6"e	13' 10"e
	33	24	33' 6"	29' 10"	26' 1"	23' 8"	20' 8"	17' 6"	19' 3"e	18' 1"e	15' 3"	16' 8"e	16' 6"e	13' 10"e	15' 0"e	15' 0"e	12' 10"e	13' 8"e	13' 8"e	12' 1"e
600S250-54	50	12	50' 4"	40' 0"	34' 10"	31' 8"	27' 8"	23' 4"	27' 8"	24' 2"	20' 4"	25' 2"	22' 0"	18' 7"	23' 4"	20' 4"	17' 2"	22' 0"	19' 2"	16' 2"
	50	16	45' 9"	36' 3"	31' 8"	28' 9"	25' 2"	21' 2"	25' 2"	22' 0"	18' 7"	22' 10"	20' 0"	16' 10"	21' 2"	18' 7"	15' 7"	20' 0"	17' 6"	14' 8"
	50	24	40' 0"	31' 8"	27' 8"	25' 2"	22' 0"	18' 7"	22' 0"	19' 2"	16' 2"	20' 0"	17' 6"	14' 8"	18' 7"	16' 2"	13' 8"	17' 6"	15' 3"	12' 10"
600S250-68	50	12	54' 7"	43' 3"	37' 10"	34' 4"	30' 1"	25' 3"	30' 1"	26' 3"	22' 1"	27' 3"	23' 10"	20' 1"	25' 3"	22' 1"	18' 8"	23' 10"	20' 9"	17' 7"
	50	16	49' 7"	39' 4"	34' 4"	31' 3"	27' 3"	23' 0"	27' 3"	23' 10"	20' 1"	24' 9"	21' 8"	18' 3"	23' 0"	20' 1"	17' 0"	21' 8"	18' 10"	16' 0"
	50	24	43' 3"	34' 4"	30' 1"	27' 3"	23' 10"	20' 1"	23' 10"	20' 9"	17' 7"	21' 8"	18' 10"	16' 0"	20' 1"	17' 7"	14' 9"	18' 10"	16' 6"	13' 10"
600S250-97	50	12	61' 0"	48' 4"	42' 3"	38' 4"	33' 7"	28' 3"	33' 7"	29' 3"	24' 8"	30' 6"	26' 7"	22' 6"	28' 3"	24' 8"	20' 10"	26' 7"	23' 3"	19' 7"
	50	16	55' 4"	44' 0"	38' 4"	34' 10"	30' 6"	25' 8"	30' 6"	26' 7"	22' 6"	27' 8"	24' 2"	20' 4"	25' 8"	22' 6"	18' 10"	24' 2"	21' 1"	17' 9"
	50	24	48' 4"	38' 4"	33' 7"	30' 6"	26' 7"	22' 6"	26' 7"	23' 3"	19' 7"	24' 2"	21' 1"	17' 9"	22' 6"	19' 7"	16' 7"	21' 1"	18' 6"	15' 7"
600S300-33	33	12	40' 0"	34' 10"	30' 6"	27' 8"	24' 2"	20' 4"	23' 1"e	21' 2"e	17' 10"	20' 0"e	19' 2"e	16' 2"e	17' 10"e	17' 10"e	15' 1"e	16' 3"e	16' 3"e	14' 2"e
	33	16	34' 8"	31' 8"	27' 8"	24' 6"e	22' 0"e	18' 7"	20' 0"e	19' 2"e	16' 2"e	17' 3"e	17' 3"e	14' 8"e	15' 6"e	15' 6"e	13' 8"e	14' 1"e	14' 1"e	12' 10"e
	33	24	28' 3"	27' 8"	24' 2"	20' 0"e	19' 2"e	16' 2"e	16' 3"e	16' 3"e	14' 2"e	14' 1"e	14' 1"e	12' 10"e	12' 8"e	12' 8"e	12' 0"e	11' 7"e	11' 7"e	11' 2"e
600S300-43	33	12	48' 2"	38' 7"	33' 8"	30' 7"	26' 9"	22' 7"	26' 9"	23' 4"	19' 8"	24' 1"	21' 2"	17' 10"	21' 6"e	19' 8"e	16' 7"	19' 8"e	18' 7"e	15' 8"
	33	16	41' 8"	35' 1"	30' 7"	27' 9"	24' 3"	20' 6"	24' 1"	21' 2"	17' 10"	20' 10"e	19' 3"e	16' 3"	18' 8"e	17' 10"e	15' 1"e	17' 0"e	16' 10"e	14' 2"e
	33	24	34' 1"	30' 7"	26' 9"	24' 1"	21' 2"	17' 10"	19' 8"e	18' 7"e	15' 8"	17' 0"e	16' 10"e	14' 2"e	15' 2"e	15' 2"e	13' 2"e	13' 10"e	13' 10"e	12' 4"e
600S300-54	50	12	51' 7"	41' 0"	35' 9"	32' 6"	28' 4"	24' 0"	28' 4"	24' 9"	20' 10"	25' 9"	22' 6"	19' 0"	24' 0"	20' 10"	17' 7"	22' 6"	19' 8"	16' 7"
	50	16	46' 10"	37' 2"	32' 6"	29' 6"	25' 9"	21' 9"	25' 9"	22' 6"	19' 0"	23' 4"	20' 6"	17' 3"	21' 9"	19' 0"	16' 0"	20' 6"	17' 10"	15' 1"
	50	24	41' 0"	32' 6"	28' 4"	25' 9"	22' 6"	19' 0"	22' 6"	19' 8"	16' 7"	20' 6"	17' 10"	15' 1"	19' 0"	16' 7"	14' 0"	17' 10"	15' 7"	13' 2"
600S300-68	50	12	56' 1"	44' 6"	38' 10"	35' 3"	30' 10"	26' 0"	30' 10"	27' 0"	22' 9"	28' 1"	24' 6"	20' 8"	26' 0"	22' 9"	19' 2"	24' 6"	21' 4"	18' 1"
	50	16	51' 0"	40' 6"	35' 3"	32' 1"	28' 1"	23' 8"	28' 1"	24' 6"	20' 8"	25' 6"	22' 3"	18' 9"	23' 8"	20' 8"	17' 4"	22' 3"	19' 6"	16' 4"
	50	24	44' 6"	35' 3"	30' 10"	28' 1"	24' 6"	20' 8"	24' 6"	21' 4"	18' 1"	22' 3"	19' 6"	16' 4"	20' 8"	18' 1"	15' 2"	19' 6"	17' 0"	14' 3"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
600S300-97	50	12	63' 2"	50' 2"	43' 10"	39' 9"	34' 9"	29' 4"	34' 9"	30' 4"	25' 7"	31' 7"	27' 7"	23' 3"	29' 4"	25' 7"	21' 7"	27' 7"	24' 1"	20' 4"
	50	16	57' 6"	45' 7"	39' 9"	36' 2"	31' 7"	26' 8"	31' 7"	27' 7"	23' 3"	28' 8"	25' 1"	21' 2"	26' 8"	23' 3"	19' 8"	25' 1"	21' 10"	18' 6"
	50	24	50' 2"	39' 9"	34' 9"	31' 7"	27' 7"	23' 3"	27' 7"	24' 1"	20' 4"	25' 1"	21' 10"	18' 6"	23' 3"	20' 4"	17' 2"	21' 10"	19' 2"	16' 2"
600S350-54	50	12	54' 7"	43' 3"	37' 9"	34' 4"	30' 0"	25' 3"	30' 0"	26' 2"	22' 1"	27' 3"	23' 9"	20' 1"	25' 3"	22' 1"	18' 8"	23' 9"	20' 9"	17' 7"
	50	16	49' 7"	39' 4"	34' 4"	31' 2"	27' 3"	23' 0"	27' 3"	23' 9"	20' 1"	24' 9"	21' 8"	18' 3"	23' 0"	20' 1"	17' 0"	21' 8"	18' 10"	16' 0"
	50	24	43' 3"	34' 4"	30' 0"	27' 3"	23' 9"	20' 1"	23' 9"	20' 9"	17' 7"	21' 8"	18' 10"	16' 0"	20' 1"	17' 7"	14' 9"	18' 10"e	16' 6"	13' 10"
600S350-68	50	12	59' 7"	47' 3"	41' 3"	37' 7"	32' 9"	27' 8"	32' 9"	28' 8"	24' 2"	29' 9"	26' 0"	22' 0"	27' 8"	24' 2"	20' 4"	26' 0"	22' 9"	19' 2"
	50	16	54' 2"	43' 0"	37' 7"	34' 1"	29' 9"	25' 1"	29' 9"	26' 0"	22' 0"	27' 1"	23' 8"	20' 0"	25' 1"	22' 0"	18' 6"	23' 8"	20' 8"	17' 4"
	50	24	47' 3"	37' 7"	32' 9"	29' 9"	26' 0"	22' 0"	26' 0"	22' 9"	19' 2"	23' 8"	20' 8"	17' 4"	22' 0"	19' 2"	16' 2"	20' 8"	18' 1"	15' 2"
600S350-97	50	12	67' 0"	53' 2"	46' 6"	42' 2"	36' 10"	31' 1"	36' 10"	32' 2"	27' 2"	33' 6"	29' 3"	24' 8"	31' 1"	27' 2"	22' 10"	29' 3"	25' 7"	21' 7"
	50	16	60' 10"	48' 3"	42' 2"	38' 4"	33' 6"	28' 3"	33' 6"	29' 3"	24' 8"	30' 6"	26' 7"	22' 4"	28' 3"	24' 8"	20' 9"	26' 7"	23' 2"	19' 7"
	50	24	53' 2"	42' 2"	36' 10"	33' 6"	29' 3"	24' 8"	29' 3"	25' 7"	21' 7"	26' 7"	23' 2"	19' 7"	24' 8"	21' 7"	18' 2"	23' 2"	20' 3"	17' 1"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
600S125-33	33	12	10' 9"e	10' 9"e	10' 9"e	10' 1"e	10' 1"e	10' 1"e	9' 6"e	9' 6"e	9' 6"e	9' 0"e	9' 0"e	9' 0"e	8' 7"e	8' 7"e	8' 7"e	8' 3"e	8' 3"e	8' 3"e
	33	16	9' 4"e	9' 4"e	9' 4"e	8' 9"e	8' 9"e	8' 9"e	8' 3"e	8' 3"e	8' 3"e	7' 9"e	7' 9"e	7' 9"e	7' 6"e	7' 6"e	7' 6"e	7' 2"e	7' 2"e	7' 2"e
	33	24	7' 7"e	7' 7"e	7' 7"e	7' 2"e	7' 2"e	7' 2"e	6' 8"e	6' 8"e	6' 8"e	6' 4"e	6' 4"e	6' 4"e	6' 1"e	6' 1"e	6' 1"e	5' 9"e	5' 9"e	5' 9"e
600S125-43	33	12	13' 2"	13' 2"	12' 1"	12' 3"e	12' 3"e	11' 7"	11' 7"e	11' 7"e	11' 2"e	11' 0"e	11' 0"e	10' 9"e	10' 6"e	10' 6"e	10' 4"e	10' 1"e	10' 1"e	10' 1"e
	33	16	11' 4"e	11' 4"e	11' 0"e	10' 8"e	10' 8"e	10' 6"e	10' 1"e	10' 1"e	10' 1"e	9' 6"e	9' 6"e	9' 6"e	9' 1"e	9' 1"e	9' 1"e	8' 8"e	8' 8"e	8' 8"e
	33	24	9' 3"e	9' 3"e	9' 3"e	8' 8"e	8' 8"e	8' 8"e	8' 2"e	8' 2"e	8' 2"e	7' 9"e	7' 9"e	7' 9"e	7' 4"e	7' 4"e	7' 4"e	7' 1"e	7' 1"e	7' 1"e
600S125-54	50	12	17' 8"	15' 4"	13' 0"	16' 6"	14' 9"	12' 6"	15' 7"	14' 2"	12' 0"	14' 9"	13' 8"	11' 7"	14' 1"	13' 3"	11' 2"	13' 6"	12' 10"	10' 10"
	50	16	15' 3"	14' 0"	11' 9"	14' 3"	13' 4"	11' 3"	13' 6"	12' 10"	10' 10"	12' 9"	12' 6"	10' 6"	12' 2"	12' 1"	10' 2"	11' 8"	11' 8"	9' 10"
	50	24	12' 6"	12' 3"	10' 3"	11' 8"	11' 8"	9' 10"	11' 0"	11' 0"	9' 6"	10' 6"	10' 6"	9' 2"	10' 0"	10' 0"	8' 10"	9' 6"e	9' 6"e	8' 7"
600S162-33	33	12	13' 7"e	13' 7"e	12' 1"e	12' 8"e	12' 8"e	11' 7"e	12' 0"e	12' 0"e	11' 2"e	11' 4"e	11' 4"e	10' 9"e	10' 10"e	10' 10"e	10' 4"e	10' 4"e	10' 4"e	10' 1"e
	33	16	11' 9"e	11' 9"e	11' 0"e	11' 0"e	11' 0"e	10' 6"e	10' 4"e	10' 4"e	10' 1"e	9' 10"e	9' 10"e	9' 9"e	9' 4"e	9' 4"e	9' 4"e	9' 0"e	9' 0"e	9' 0"e
	33	24	9' 7"e	9' 7"e	9' 7"e	9' 0"e	9' 0"e	9' 0"e	8' 6"e	8' 6"e	8' 6"e	8' 1"e	8' 1"e	8' 1"e	7' 8"e	7' 8"e	7' 8"e	7' 4"e	7' 4"e	7' 4"e
600S162-43	33	12	16' 3"e	15' 8"e	13' 2"	15' 2"e	15' 0"e	12' 7"e	14' 4"e	14' 4"e	12' 2"e	13' 7"e	13' 7"e	11' 8"e	13' 0"e	13' 0"e	11' 4"e	12' 4"e	12' 4"e	11' 0"e
	33	16	14' 1"e	14' 1"e	12' 0"e	13' 2"e	13' 2"e	11' 6"e	12' 4"e	12' 4"e	11' 0"e	11' 9"e	11' 9"e	10' 8"e	11' 3"e	11' 3"e	10' 3"e	10' 9"e	10' 9"e	10' 0"e
	33	24	11' 6"e	11' 6"e	10' 6"e	10' 9"e	10' 9"e	10' 0"e	10' 2"e	10' 2"e	9' 7"e	9' 7"e	9' 7"e	9' 3"e	9' 2"e	9' 2"e	9' 0"e	8' 9"e	8' 9"e	8' 9"e
600S162-54	50	12	19' 2"	16' 9"	14' 2"	18' 4"	16' 1"	13' 7"	17' 8"	15' 6"	13' 0"	17' 1"	14' 10"	12' 7"	16' 7"	14' 6"	12' 2"	16' 1"	14' 0"	11' 9"
	50	16	17' 6"	15' 3"	12' 10"	16' 8"	14' 7"	12' 3"	16' 1"	14' 0"	11' 9"	15' 6"	13' 7"	11' 4"	15' 0"	13' 1"	11' 1"	14' 3"e	12' 9"	10' 9"
	50	24	15' 3"	13' 3"	11' 3"	14' 3"e	12' 9"	10' 9"	13' 6"e	12' 3"	10' 4"	12' 9"e	11' 9"e	10' 0"	12' 2"e	11' 6"e	9' 8"	11' 8"e	11' 2"e	9' 4"e
600S162-68	50	12	20' 7"	18' 0"	15' 2"	19' 8"	17' 2"	14' 6"	19' 0"	16' 7"	14' 0"	18' 3"	16' 0"	13' 6"	17' 8"	15' 6"	13' 1"	17' 2"	15' 1"	12' 8"
	50	16	18' 8"	16' 4"	13' 9"	17' 10"	15' 8"	13' 2"	17' 2"	15' 1"	12' 8"	16' 7"	14' 6"	12' 3"	16' 1"	14' 1"	11' 10"	15' 8"	13' 8"	11' 6"
	50	24	16' 4"	14' 3"	12' 1"	15' 8"	13' 8"	11' 6"	15' 1"	13' 2"	11' 1"	14' 6"	12' 8"	10' 8"	14' 1"	12' 3"	10' 4"	13' 7"	12' 0"	10' 1"
600S162-97	50	12	22' 10"	20' 0"	16' 9"	21' 10"	19' 1"	16' 1"	21' 0"	18' 4"	15' 6"	20' 3"	17' 8"	15' 0"	19' 8"	17' 2"	14' 6"	19' 1"	16' 8"	14' 1"
	50	16	20' 9"	18' 1"	15' 3"	19' 10"	17' 4"	14' 7"	19' 1"	16' 8"	14' 1"	18' 4"	16' 1"	13' 7"	17' 10"	15' 7"	13' 2"	17' 4"	15' 2"	12' 9"
	50	24	18' 1"	15' 10"	13' 4"	17' 4"	15' 2"	12' 9"	16' 8"	14' 7"	12' 3"	16' 1"	14' 1"	11' 10"	15' 7"	13' 7"	11' 6"	15' 2"	13' 2"	11' 2"
600S200-33	33	12	14' 7"e	14' 7"e	12' 8"e	13' 7"e	13' 7"e	12' 1"e	12' 10"e	12' 10"e	11' 8"e	12' 2"e	12' 2"e	11' 3"e	11' 7"e	11' 7"e	10' 10"e	11' 1"e	11' 1"e	10' 7"e
	33	16	12' 7"e	12' 7"e	11' 6"e	11' 9"e	11' 9"e	11' 0"e	11' 1"e	11' 1"e	10' 7"e	10' 7"e	10' 7"e	10' 2"e	10' 1"e	10' 1"e	9' 10"e	9' 8"e	9' 8"e	9' 7"e
	33	24	10' 3"e	10' 3"e	10' 1"e	9' 8"e	9' 8"e	9' 7"e	9' 1"e	9' 1"e	9' 1"e	8' 7"e	8' 7"e	8' 7"e	8' 2"e	8' 2"e	8' 2"e	7' 10"e	7' 10"e	7' 10"e
600S200-43	33	12	17' 4"e	16' 6"e	13' 10"e	16' 3"e	15' 8"e	13' 3"e	15' 4"e	15' 1"e	12' 9"e	14' 7"e	14' 7"e	12' 3"e	13' 10"e	13' 10"e	11' 10"e	13' 3"e	13' 3"e	11' 7"e
	33	16	15' 1"e	15' 0"e	12' 7"e	14' 1"e	14' 1"e	12' 1"e	13' 3"e	13' 3"e	11' 7"e	12' 7"e	12' 7"e	11' 2"e	12' 0"e	12' 0"e	10' 9"e	11' 6"e	11' 6"e	10' 6"e
	33	24	12' 3"e	12' 3"e	11' 0"e	11' 6"e	11' 6"e	10' 6"e	10' 10"e	10' 10"e	10' 1"e	10' 3"e	10' 3"e	9' 9"e	9' 9"e	9' 9"e	9' 6"e	9' 4"e	9' 4"e	9' 2"e
600S200-54	50	12	20' 2"	17' 8"	14' 10"	19' 3"	16' 10"	14' 3"	18' 7"	16' 2"	13' 8"	18' 0"	15' 8"	13' 2"	17' 4"	15' 2"	12' 9"	16' 10"	14' 9"	12' 6"
	50	16	18' 4"	16' 1"	13' 6"	17' 7"	15' 4"	12' 10"	16' 10"	14' 9"	12' 6"	16' 3"	14' 3"	12' 0"	15' 9"e	13' 9"	11' 7"	15' 3"e	13' 4"	11' 3"
	50	24	16' 1"e	14' 0"	11' 9"	15' 3"e	13' 4"	11' 3"	14' 6"e	12' 10"e	10' 10"	13' 8"e	12' 6"e	10' 6"	13' 1"e	12' 1"e	10' 2"	12' 6"e	11' 8"e	9' 10"e
600S200-68	50	12	21' 8"	19' 0"	16' 0"	20' 9"	18' 1"	15' 3"	20' 0"	17' 4"	14' 8"	19' 3"	16' 9"	14' 2"	18' 8"	16' 3"	13' 9"	18' 1"	15' 9"	13' 4"
	50	16	19' 8"	17' 2"	14' 6"	18' 10"	16' 6"	13' 10"	18' 1"	15' 9"	13' 4"	17' 6"	15' 3"	12' 10"	17' 0"	14' 9"	12' 6"	16' 6"	14' 4"	12' 1"
	50	24	17' 2"	15' 0"	12' 8"	16' 6"	14' 4"	12' 1"	15' 9"	13' 9"	11' 8"	15' 3"	13' 4"	11' 3"	14' 9"	12' 10"	10' 10"	14' 4"e	12' 7"	10' 7"
600S200-97	50	12	24' 1"	21' 0"	17' 9"	23' 0"	20' 1"	17' 0"	22' 2"	19' 4"	16' 3"	21' 4"	18' 8"	15' 9"	20' 8"	18' 1"	15' 3"	20' 1"	17' 7"	14' 9"
	50	16	21' 10"	19' 1"	16' 1"	20' 10"	18' 3"	15' 4"	20' 1"	17' 7"	14' 9"	19' 4"	17' 0"	14' 3"	18' 9"	16' 4"	13' 10"	18' 3"	16' 0"	13' 6"
	50	24	19' 1"	16' 8"	14' 1"	18' 3"	16' 0"	13' 6"	17' 7"	15' 4"	13' 0"	17' 0"	14' 9"	12' 6"	16' 4"	14' 4"	12' 1"	16' 0"	14' 0"	11' 9"
600S250-33	33	12	14' 10"e	14' 10"e	13' 1"e	14' 0"e	14' 0"e	12' 6"e	13' 2"e	13' 2"e	12' 1"e	12' 6"e	12' 6"e	11' 7"e	11' 10"e	11' 10"e	11' 3"e	11' 4"e	11' 4"e	11' 0"e
	33	16	12' 10"e	12' 10"e	11' 10"e	12' 1"e	12' 1"e	11' 4"e	11' 4"e	11' 4"e	11' 0"e	10' 9"e	10' 9"e	10' 7"e	10' 3"e	10' 3"e	10' 2"e	9' 10"e	9' 10"e	9' 10"e
	33	24	10' 6"e	10' 6"e	10' 4"e	9' 10"e	9' 10"e	9' 10"e	9' 3"e	9' 3"e	9' 3"e	8' 9"e	8' 9"e	8' 9"e	8' 4"e	8' 4"e	8' 4"e	8' 1"e	8' 1"e	8' 1"e
600S250-43	33	12	17' 10"e	17' 2"e	14' 6"e	16' 8"e	16' 6"e	13' 10"e	15' 9"e	15' 9"e	13' 3"e	15' 0"e	15' 0"e	12' 10"e	14' 3"e	14' 3"e	12' 6"e	13' 8"e	13' 8"e	12' 1"e
	33	16	15' 6"e	15' 6"e	13' 2"e	14' 6"e	14' 6"e	12' 7"e	13' 8"e	13' 8"e	12' 1"e	13' 0"e	13' 0"e	11' 8"e	12' 4"e	12' 4"e	11' 3"e	11' 9"e	11' 9"e	11' 0"e
	33	24	12' 8"e	12' 8"e	11' 6"e	11' 9"e	11' 9"e	11' 0"e	11' 2"e	11' 2"e	10' 7"e	10' 7"e	10' 7"e	10' 2"e	10' 1"e	10' 1"e	9' 10"e	9' 8"e	9' 8"e	9' 7"e
600S250-54	50	12	20' 10"	18' 3"	15' 4"	20' 0"	17' 6"	14' 8"	19' 2"	16' 9"	14' 2"	18' 7"	16' 2"	13' 8"	18' 0"	15' 8"	13' 2"	17' 6"	15' 3"	12' 10"
	50	16	19' 0"	16' 7"	14' 0"	18' 2"	15' 10"	13' 4"	17' 6"	15' 3"	12' 10"	16' 10"e	14' 8"	12' 4"	16' 3"e	14' 3"	12' 0"	15' 8"e	13' 10"	11' 8"
	50	24	16' 7"e	14' 6"	12' 2"	15' 8"e	13' 10"	11' 8"	14' 9"e	13' 3"e	11' 2"	14' 1"e	12' 10"e	10' 10"	13' 4"e	12' 6"e	10' 6"e	12' 9"e	12' 1"e	10' 2"e
600S250-68	50	12	22' 8"	19' 9"	16' 8"	21' 8"	18' 10"	16' 0"	20' 9"	18' 2"	15' 4"	20' 1"	17' 7"	14' 9"	19' 6"	17' 0"	14' 4"	18' 10"	16' 6"	13' 10"
	50	16	20' 7"	18' 0"	15' 2"	19' 8"	17' 2"	14' 6"	18' 10"	16' 6"	13' 10"	18' 3"	16' 0"	13' 6"	17' 8"	15' 6"	13' 0"	17' 2"	15' 0"	12' 8"
	50	24	18' 0"	15' 8"	13' 2"	17' 2"	15' 0"	12' 8"	16' 6"	14' 4"	12' 2"	16' 0"	13' 10"	11' 9"	15' 6"	13' 6"	11' 4"	15' 0"e	13' 1"	11' 1"
600S250-97	50	12	25' 3"	22' 1"	18' 7"	24' 2"	21' 1"	17' 9"	23' 3"	20' 3"	17' 1"	22' 6"	19' 7"	16' 7"	21' 9"	19' 0"	16' 0"	21' 1"	18' 6"	15' 7"
	50	16	23' 0"	20' 1"	16' 10"	22' 0"	19' 2"	16' 2"	21' 1"	18' 6"	15' 7"	20' 4"	17' 9"	15' 0"	19' 9"	17' 3"	14' 7"	19' 2"	16' 9"	14' 2"
	50	24	20' 1"	17' 6"	14' 9"	19' 2"	16' 9"	14' 2"	18' 6"	16' 1"	13' 7"	17' 9"	15' 7"	13' 1"	17' 3"	15' 1"	12' 8"	16' 9"	14' 8"	12' 4"
600S300-33	33	12	15' 1"e	15' 1"e	13' 6"e	14' 1"e	14' 1"e	12' 10"e	13' 3"e	13' 3"e	12' 4"e	12' 8"e	12' 8"e	12' 0"e	12' 1"e	12' 1"e	11' 7"e	11' 7"e	11' 7"e	11' 2"e
	33	16	13' 1"e	13' 1"e	12' 2"e	12' 3"e	12' 3"e	11' 8"e	11' 7"e	11' 7"e	11' 2"e	11' 0"e	11' 0"e	10' 10"e	10' 6"e	10' 6"e	10' 6"e	10' 0"e	10' 0"e	10' 0"e
	33	24	10' 8"e	10' 8"e	10' 8"e	10' 0"e	10' 0"e	10' 0"e	9' 4"e	9' 4"e	9' 4"e	8' 10"e	8' 10"e	8' 10"e	8' 6"e	8' 6"e	8' 6"e	8' 2"e	8' 2"e	8' 2"e
600S300-43	33	12	18' 2"e	17' 7"e	14' 10"e	17' 0"e	16' 10"e	14' 2"e	16' 1"e	16' 1"e	13' 8"e	15' 2"e	15' 2"e	13' 2"e	14' 6"e	14' 6"e	12' 9"e	13' 10"e	13' 10"e	12' 4"e
	33	16	15' 9"e	15' 9"e	13' 6"e	14' 8"e	14' 8"e	12' 10"e	13' 10"e	13' 10"e	12' 4"e	13' 2"e	13' 2"e	12' 0"e	12' 7"e	12' 7"e	11' 7"e	12' 0"e	12' 0"e	11' 3"e
	33	24	12' 10"e	12' 10"e	11' 9"e	12' 0"e	12' 0"e	11' 3"e	11' 4"e	11' 4"e	10' 10"e	10' 9"e	10' 9"e	10' 6"e	10' 3"e	10' 3"e	10' 2"e	9' 9"e	9' 9"e	9' 9"e
600S300-54	50	12	21' 4"	18' 8"	15' 9"	20' 6"	17' 10"	15' 1"	19' 8"	17' 2"	14' 6"	19' 0"	16' 7"	14' 0"	18' 4"	16' 1"	13' 7"	17' 10"	15' 7"	13' 2"
	50	16	19' 6"	17' 0"	14' 3"	18' 7"	16' 3"	13' 8"	17' 10"	15' 7"	13' 2"	17' 3"e	15' 1"	12' 8"	16' 8"e	14' 7"	12' 3"	16' 0"e	14' 2"e	12' 0"
	50	24	17' 0"e	14' 9"	12' 6"	16' 0"e	14' 2"e	12' 0"	15' 1"e	13' 8"e	11' 6"	14' 3"e	13' 2"e	11' 1"	13' 7"e	12' 9"e	10' 9"e	13' 0"e	12' 4"e	10' 6"e
600S300-68	50	12	23' 3"	20' 3"	17' 2"	22' 3"	19' 6"	16' 4"	21' 4"	18' 8"	15' 9"	20' 8"	18' 1"	15' 2"	20' 0"	17' 6"	14' 9"	19' 6"	17' 0"	14' 3"
	50	16	21' 2"	18' 6"	15' 7"	20' 2"	17' 8"	14' 10"	19' 6"	17' 0"	14' 3"	18' 9"	16' 4"	13' 9"	18' 2"	15' 10"	13' 4"	17' 8"	15' 4"	13' 0"
	50	24	18' 6"	16' 1"	13' 7"	17' 8"	15' 4"	13' 0"	17' 0"	14' 9"	12' 6"	16' 4"	14' 3"	12' 1"	15' 10"e	13' 10"	11' 8"	15' 2"e	13' 6"	11' 4"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
   The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
600S300-97	50	12	26' 2"	22' 10"	19' 3"	25' 1"	21' 10"	18' 6"	24' 1"	21' 1"	17' 9"	23' 3"	20' 4"	17' 2"	22' 7"	19' 8"	16' 7"	21' 10"	19' 2"	16' 2"
	50	16	23' 9"	20' 9"	17' 7"	22' 9"	19' 10"	16' 9"	21' 10"	19' 2"	16' 2"	21' 2"	18' 6"	15' 7"	20' 6"	17' 10"	15' 1"	19' 10"	17' 4"	14' 8"
	50	24	20' 9"	18' 2"	15' 3"	19' 10"	17' 4"	14' 8"	19' 2"	16' 8"	14' 1"	18' 6"	16' 2"	13' 7"	17' 10"	15' 8"	13' 2"	17' 4"	15' 2"	12' 9"
600S350-54	50	12	22' 7"	19' 9"	16' 8"	21' 8"	18' 10"	16' 0"	20' 9"	18' 2"	15' 3"	20' 1"	17' 7"	14' 9"	19' 6"	17' 0"	14' 4"	18' 10"e	16' 6"	13' 10"
	50	16	20' 7"	18' 0"	15' 2"	19' 8"	17' 2"	14' 6"	18' 10"e	16' 6"	13' 10"	18' 3"e	16' 0"	13' 6"	17' 8"e	15' 6"e	13' 0"	17' 2"e	15' 0"e	12' 8"
	50	24	18' 0"e	15' 8"	13' 2"	17' 2"e	15' 0"e	12' 8"	16' 6"e	14' 4"e	12' 2"	15' 10"e	13' 10"e	11' 9"e	15' 1"e	13' 6"e	11' 4"e	14' 6"e	13' 1"e	11' 1"e
600S350-68	50	12	24' 8"	21' 7"	18' 2"	23' 8"	20' 8"	17' 4"	22' 9"	19' 10"	16' 9"	22' 0"	19' 2"	16' 2"	21' 3"	18' 7"	15' 8"	20' 8"	18' 1"	15' 2"
	50	16	22' 6"	19' 7"	16' 7"	21' 6"	18' 9"	15' 9"	20' 8"	18' 1"	15' 2"	20' 0"	17' 4"	14' 8"	19' 3"	16' 10"	14' 2"	18' 9"	16' 4"	13' 9"
	50	24	19' 7"	17' 2"	14' 6"	18' 9"	16' 4"	13' 9"	18' 1"	15' 9"	13' 3"	17' 4"e	15' 2"	12' 9"	16' 10"e	14' 9"	12' 4"	16' 4"e	14' 3"e	12' 1"
600S350-97	50	12	27' 9"	24' 3"	20' 6"	26' 7"	23' 2"	19' 7"	25' 7"	22' 3"	18' 9"	24' 8"	21' 7"	18' 2"	23' 10"	20' 10"	17' 7"	23' 2"	20' 3"	17' 1"
	50	16	25' 3"	22' 1"	18' 7"	24' 2"	21' 1"	17' 9"	23' 2"	20' 3"	17' 1"	22' 4"	19' 7"	16' 6"	21' 8"	19' 0"	16' 0"	21' 1"	18' 4"	15' 7"
	50	24	22' 1"	19' 3"	16' 3"	21' 1"	18' 4"	15' 7"	20' 3"	17' 8"	15' 0"	19' 7"	17' 1"	14' 4"	19' 0"	16' 7"	14' 0"	18' 4"	16' 1"	13' 7"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
800S125-33	33	12	32' 9"e	32' 9"e	31' 2"e	23' 2"e	23' 2"e	20' 10"e	18' 10"e	18' 10"e	18' 2"e	16' 4"e	16' 4"e	16' 4"e	14' 8"e	14' 8"e	14' 8"e	13' 4"e	13' 4"e	13' 4"e
	33	16	28' 4"e	28' 4"e	28' 3"e	20' 1"e	20' 1"e	19' 0"e	16' 4"e	16' 4"e	16' 4"e	14' 2"e	14' 2"e	14' 2"e	12' 8"e	12' 8"e	12' 8"e	11' 7"e	11' 7"e	11' 7"e
	33	24	23' 2"e	23' 2"e	23' 2"e	16' 4"e	16' 4"e	16' 4"e	13' 4"e	13' 4"e	13' 4"e	11' 7"e	11' 7"e	11' 7"e	10' 4"e	10' 4"e	10' 4"e	9' 6"e	9' 6"e	9' 6"e
800S125-43	33	12	40' 3"	39' 6"	34' 6"	28' 6"	27' 4"	23' 1"	23' 3"	23' 3"	20' 2"	20' 2"	20' 2"	18' 3"	18' 0"	18' 0"	17' 0"	16' 6"e	16' 6"e	16' 0"e
	33	16	34' 10"	34' 10"	31' 3"	24' 8"	24' 8"	21' 0"	20' 2"	20' 2"	18' 3"	17' 6"e	17' 6"e	16' 8"	15' 7"e	15' 7"e	15' 6"e	14' 3"e	14' 3"e	14' 3"e
	33	24	28' 6"	28' 6"	27' 4"	20' 2"	20' 2"	18' 3"	16' 6"e	16' 6"e	16' 0"e	14' 3"e	14' 3"e	14' 3"e	12' 9"e	12' 9"e	12' 9"e	11' 7"e	11' 7"e	11' 7"e
800S125-54	50	12	53' 6"	42' 4"	37' 1"	33' 8"	29' 4"	24' 9"	29' 4"	25' 8"	21' 8"	26' 8"	23' 4"	19' 8"	24' 3"	21' 8"	18' 3"	22' 2"	20' 4"	17' 2"
	50	16	47' 0"	38' 7"	33' 8"	30' 7"	26' 8"	22' 6"	26' 8"	23' 4"	19' 8"	23' 6"	21' 2"	17' 10"	21' 0"	19' 8"	16' 7"	19' 2"	18' 6"	15' 7"
	50	24	38' 4"	33' 8"	29' 4"	26' 8"	23' 4"	19' 8"	22' 2"	20' 4"	17' 2"	19' 2"	18' 6"	15' 7"	17' 2"	17' 2"	14' 6"	15' 8"	15' 8"	13' 8"
800S162-33	33	12	41' 8"e	38' 9"e	33' 10"e	29' 6"e	26' 10"e	22' 8"e	24' 1"e	23' 6"e	19' 9"e	20' 10"e	20' 10"e	18' 0"e	18' 8"e	18' 8"e	16' 8"e	17' 0"e	17' 0"e	15' 9"e
	33	16	36' 1"e	35' 3"e	30' 9"e	25' 6"e	24' 6"e	20' 7"e	20' 10"e	20' 10"e	18' 0"e	18' 1"e	18' 1"e	16' 4"e	16' 2"e	16' 2"e	15' 2"e	14' 8"e	14' 8"e	14' 3"e
	33	24	29' 6"e	29' 6"e	26' 10"e	20' 10"e	20' 10"e	18' 0"e	17' 0"e	17' 0"e	15' 9"e	14' 8"e	14' 8"e	14' 3"e	13' 2"e	13' 2"e	13' 2"e	12' 0"e	12' 0"e	12' 0"e
800S162-43	33	12	50' 2"	42' 9"	37' 4"	33' 10"	29' 8"	25' 0"	29' 0"	25' 10"	21' 9"	25' 1"e	23' 6"e	19' 9"	22' 6"e	21' 9"e	18' 4"	20' 6"e	20' 6"e	17' 3"e
	33	16	43' 6"	38' 10"	33' 10"	30' 9"	26' 10"	22' 8"	25' 1"e	23' 6"e	19' 9"	21' 8"e	21' 4"e	18' 0"e	19' 6"e	19' 6"e	16' 8"e	17' 9"e	17' 9"e	15' 9"e
	33	24	35' 6"	33' 10"	29' 8"	25' 1"e	23' 6"e	19' 9"	20' 6"e	20' 6"e	17' 3"e	17' 9"e	17' 9"e	15' 9"e	15' 10"e	15' 10"e	14' 7"e	14' 6"e	14' 6"e	13' 9"e
800S162-54	50	12	57' 10"	46' 0"	40' 2"	36' 6"	31' 10"	26' 10"	31' 10"	27' 9"	23' 6"	29' 0"	25' 3"	21' 3"	26' 10"	23' 6"	19' 9"	25' 3"	22' 1"	18' 7"
	50	16	52' 7"	41' 9"	36' 6"	33' 1"	29' 0"	24' 4"	29' 0"	25' 3"	21' 3"	26' 3"	23' 0"	19' 4"	24' 4"	21' 3"	18' 0"	23' 0"	20' 1"	16' 10"
	50	24	46' 0"	36' 6"	31' 10"	29' 0"	25' 3"	21' 3"	25' 3"	22' 1"	18' 7"	23' 0"	20' 1"	16' 10"	21' 2"	18' 7"	15' 8"	19' 3"e	17' 6"	14' 9"
800S162-68	50	12	62' 8"	49' 8"	43' 4"	39' 6"	34' 6"	29' 1"	34' 6"	30' 1"	25' 4"	31' 3"	27' 4"	23' 1"	29' 1"	25' 4"	21' 4"	27' 4"	23' 10"	20' 2"
	50	16	56' 10"	45' 2"	39' 6"	35' 10"	31' 3"	26' 4"	31' 3"	27' 4"	23' 1"	28' 6"	24' 10"	21' 0"	26' 4"	23' 1"	19' 6"	24' 10"	21' 8"	18' 3"
	50	24	49' 8"	39' 6"	34' 6"	31' 3"	27' 4"	23' 1"	27' 4"	23' 10"	20' 2"	24' 10"	21' 8"	18' 3"	23' 1"	20' 2"	17' 0"	21' 8"	19' 0"	16' 0"
800S162-97	50	12	69' 8"	55' 3"	48' 3"	43' 10"	38' 4"	32' 4"	38' 4"	33' 6"	28' 3"	34' 10"	30' 6"	25' 8"	32' 4"	28' 3"	23' 9"	30' 6"	26' 7"	22' 4"
	50	16	63' 3"	50' 3"	43' 10"	39' 10"	34' 10"	29' 4"	34' 10"	30' 6"	25' 8"	31' 8"	27' 8"	23' 3"	29' 4"	25' 8"	21' 8"	27' 8"	24' 2"	20' 4"
	50	24	55' 3"	43' 10"	38' 4"	34' 10"	30' 6"	25' 8"	30' 6"	26' 7"	22' 4"	27' 8"	24' 2"	20' 4"	25' 8"	22' 4"	18' 10"	24' 2"	21' 1"	17' 9"
800S200-33	33	12	44' 10"e	41' 2"e	36' 0"e	31' 8"e	28' 7"e	24' 1"e	25' 10"e	25' 0"e	21' 1"e	22' 4"e	22' 4"e	19' 1"e	20' 1"e	20' 1"e	17' 9"e	18' 3"e	18' 3"e	16' 8"e
	33	16	38' 10"e	37' 6"e	32' 8"e	27' 6"e	26' 0"e	21' 10"e	22' 4"e	22' 4"e	19' 1"e	19' 4"e	19' 4"e	17' 4"e	17' 4"e	17' 4"e	16' 1"e	15' 10"e	15' 10"e	15' 2"e
	33	24	31' 8"e	31' 8"e	28' 7"e	22' 4"e	22' 4"e	19' 1"e	18' 3"e	18' 3"e	16' 8"e	15' 10"e	15' 10"e	15' 2"e	14' 2"e	14' 2"e	14' 1"e	13' 0"e	13' 0"e	13' 0"e
800S200-43	33	12	53' 10"	45' 2"	39' 6"	35' 10"	31' 4"	26' 4"	31' 1"e	27' 4"	23' 1"	27' 0"e	24' 10"e	21' 0"	24' 1"e	23' 1"e	19' 6"e	22' 0"e	21' 8"e	18' 3"e
	33	16	46' 8"	41' 1"	35' 10"	32' 7"	28' 6"	24' 0"	27' 0"e	24' 10"e	21' 0"	23' 4"e	22' 7"e	19' 1"e	20' 10"e	20' 10"e	17' 8"e	19' 1"e	19' 1"e	16' 8"e
	33	24	38' 1"	35' 10"	31' 4"	27' 0"e	24' 10"e	21' 0"	22' 0"e	21' 8"e	18' 3"e	19' 1"e	19' 1"e	16' 8"e	17' 1"e	17' 1"e	15' 6"e	15' 7"e	15' 7"e	14' 7"e
800S200-54	50	12	61' 2"	48' 7"	42' 4"	38' 7"	33' 8"	28' 4"	33' 8"	29' 4"	24' 9"	30' 7"	26' 8"	22' 7"	28' 4"	24' 9"	20' 10"	26' 8"	23' 4"	19' 8"
	50	16	55' 7"	44' 1"	38' 7"	35' 0"	30' 7"	25' 9"	30' 7"	26' 8"	22' 7"	27' 9"	24' 3"	20' 6"	25' 9"	22' 7"	19' 0"	24' 3"	21' 2"	17' 10"
	50	24	48' 7"	38' 7"	33' 8"	30' 7"	26' 8"	22' 7"	26' 8"	23' 4"	19' 8"	24' 3"	21' 2"	17' 10"	22' 7"e	19' 8"	16' 7"	20' 8"e	18' 6"e	15' 7"
800S200-68	50	12	65' 8"	52' 2"	45' 7"	41' 4"	36' 2"	30' 6"	36' 2"	31' 7"	26' 8"	32' 10"	28' 8"	24' 2"	30' 6"	26' 8"	22' 6"	28' 8"	25' 1"	21' 2"
	50	16	59' 8"	47' 4"	41' 4"	37' 7"	32' 10"	27' 8"	32' 10"	28' 8"	24' 2"	29' 10"	26' 1"	22' 0"	27' 8"	24' 2"	20' 4"	26' 1"	22' 9"	19' 2"
	50	24	52' 2"	41' 4"	36' 2"	32' 10"	28' 8"	24' 2"	28' 8"	25' 1"	21' 2"	26' 1"	22' 9"	19' 2"	24' 2"	21' 2"	17' 9"	22' 9"	19' 10"	16' 9"
800S200-97	50	12	73' 1"	58' 0"	50' 8"	46' 1"	40' 2"	33' 10"	40' 2"	35' 2"	29' 7"	36' 7"	31' 10"	26' 10"	33' 10"	29' 7"	25' 0"	31' 10"	27' 10"	23' 6"
	50	16	66' 4"	52' 8"	46' 1"	41' 10"	36' 7"	30' 9"	36' 7"	31' 10"	26' 10"	33' 2"	29' 0"	24' 6"	30' 9"	26' 10"	22' 8"	29' 0"	25' 3"	21' 4"
	50	24	58' 0"	46' 1"	40' 2"	36' 7"	31' 10"	26' 10"	31' 10"	27' 10"	23' 6"	29' 0"	25' 3"	21' 4"	26' 10"	23' 6"	19' 9"	25' 3"	22' 1"	18' 8"
800S250-43	33	12	55' 3"	47' 1"	41' 1"	37' 4"	32' 7"	27' 6"	31' 10"e	28' 6"	24' 0"	27' 7"e	25' 10"e	21' 9"	24' 8"e	24' 0"e	20' 3"e	22' 7"e	22' 7"e	19' 1"e
	33	16	47' 10"	42' 9"	37' 4"	33' 10"	29' 8"	25' 0"	27' 7"e	25' 10"e	21' 9"	23' 10"e	23' 6"e	19' 10"e	21' 4"e	21' 4"e	18' 4"e	19' 6"e	19' 6"e	17' 3"e
	33	24	39' 1"	37' 4"	32' 7"	27' 7"e	25' 10"e	21' 9"	22' 7"e	22' 7"e	19' 1"e	19' 6"e	19' 6"e	17' 3"e	17' 6"e	17' 6"e	16' 1"e	16' 0"e	16' 0"e	15' 1"e
800S250-54	50	12	63' 0"	50' 0"	43' 8"	39' 8"	34' 8"	29' 2"	34' 8"	30' 3"	25' 6"	31' 6"	27' 6"	23' 2"	29' 2"	25' 6"	21' 6"	27' 6"	24' 0"	20' 3"
	50	16	57' 2"	45' 4"	39' 8"	36' 1"	31' 6"	26' 7"	31' 6"	27' 6"	23' 2"	28' 7"	25' 0"	21' 1"	26' 7"	23' 2"	19' 7"	25' 0"	21' 9"	18' 4"
	50	24	50' 0"	39' 8"	34' 8"	31' 6"	27' 6"	23' 2"	27' 6"	24' 0"	20' 3"	25' 0"	21' 9"	18' 4"	23' 2"e	20' 3"	17' 1"	21' 2"e	19' 1"e	16' 1"
800S250-68	50	12	68' 3"	54' 2"	47' 4"	43' 0"	37' 7"	31' 8"	37' 7"	32' 9"	27' 8"	34' 2"	29' 9"	25' 2"	31' 8"	27' 8"	23' 4"	29' 9"	26' 1"	22' 0"
	50	16	62' 1"	49' 3"	43' 0"	39' 1"	34' 2"	28' 9"	34' 2"	29' 9"	25' 2"	31' 0"	27' 1"	22' 10"	28' 9"	25' 2"	21' 2"	27' 1"	23' 8"	20' 0"
	50	24	54' 2"	43' 0"	37' 7"	34' 2"	29' 9"	25' 2"	29' 9"	26' 1"	22' 0"	27' 1"	23' 8"	20' 0"	25' 2"	22' 0"	18' 6"	23' 8"	20' 8"	17' 6"
800S250-97	50	12	76' 4"	60' 8"	53' 0"	48' 1"	42' 1"	35' 6"	42' 1"	36' 8"	31' 0"	38' 2"	33' 4"	28' 2"	35' 6"	31' 0"	26' 1"	33' 4"	29' 2"	24' 7"
	50	16	69' 4"	55' 1"	48' 1"	43' 8"	38' 2"	32' 2"	38' 2"	33' 4"	28' 2"	34' 8"	30' 3"	25' 7"	32' 2"	28' 2"	23' 8"	30' 3"	26' 6"	22' 3"
	50	24	60' 8"	48' 1"	42' 1"	38' 2"	33' 4"	28' 2"	33' 4"	29' 2"	24' 7"	30' 3"	26' 6"	22' 3"	28' 2"	24' 7"	20' 8"	26' 6"	23' 1"	19' 6"
800S300-43	33	12	56' 1"	48' 1"	42' 1"	38' 2"	33' 4"	28' 2"	32' 4"e	29' 2"	24' 7"	28' 0"e	26' 6"e	22' 3"	25' 1"e	24' 7"e	20' 8"e	22' 10"e	22' 10"e	19' 6"e
	33	16	48' 7"	43' 8"	38' 2"	34' 3"	30' 3"	25' 7"	28' 0"e	26' 6"e	22' 3"	24' 3"e	24' 1"e	20' 3"e	21' 8"e	21' 8"e	18' 9"e	19' 9"e	19' 9"e	17' 8"e
	33	24	39' 7"	38' 2"	33' 4"	28' 0"e	26' 6"e	22' 3"	22' 10"e	22' 10"e	19' 6"e	19' 9"e	19' 9"e	17' 8"e	17' 8"e	17' 8"e	16' 6"e	16' 2"e	16' 2"e	15' 6"e
800S300-54	50	12	64' 4"	51' 1"	44' 8"	40' 7"	35' 6"	29' 10"	35' 6"	31' 0"	26' 1"	32' 2"	28' 1"	23' 8"	29' 10"	26' 1"	22' 0"	28' 1"	24' 7"	20' 8"
	50	16	58' 6"	46' 6"	40' 7"	36' 10"	32' 2"	27' 2"	32' 2"	28' 1"	23' 8"	29' 3"	25' 7"	21' 7"	27' 2"	23' 8"	20' 0"	25' 7"	22' 3"	18' 9"
	50	24	51' 1"	40' 7"	35' 6"	32' 2"	28' 1"	23' 8"	28' 1"	24' 7"	20' 8"	25' 7"	22' 3"	18' 9"	23' 7"e	20' 8"	17' 6"	21' 6"e	19' 6"e	16' 6"
800S300-68	50	12	70' 0"	55' 7"	48' 7"	44' 1"	38' 6"	32' 6"	38' 6"	33' 8"	28' 4"	35' 0"	30' 7"	25' 9"	32' 6"	28' 4"	23' 10"	30' 7"	26' 8"	22' 6"
	50	16	63' 7"	50' 6"	44' 1"	40' 1"	35' 0"	29' 6"	35' 0"	30' 7"	25' 9"	31' 9"	27' 9"	23' 4"	29' 6"	25' 9"	21' 9"	27' 9"	24' 3"	20' 6"
	50	24	55' 7"	44' 1"	38' 6"	35' 0"	30' 7"	25' 9"	30' 7"	26' 8"	22' 6"	27' 9"	24' 3"	20' 6"	25' 9"	22' 6"	19' 0"	24' 3"	21' 2"	17' 10"
800S300-97	50	12	79' 0"	62' 8"	54' 9"	49' 9"	43' 6"	36' 8"	43' 6"	38' 0"	32' 0"	39' 6"	34' 6"	29' 1"	36' 8"	32' 0"	27' 0"	34' 6"	30' 1"	25' 4"
	50	16	71' 9"	57' 0"	49' 9"	45' 2"	39' 6"	33' 3"	39' 6"	34' 6"	29' 1"	35' 10"	31' 3"	26' 4"	33' 3"	29' 1"	24' 6"	31' 3"	27' 4"	23' 1"
	50	24	62' 8"	49' 9"	43' 6"	39' 6"	34' 6"	29' 1"	34' 6"	30' 1"	25' 4"	31' 3"	27' 4"	23' 1"	29' 1"	25' 4"	21' 4"	27' 4"	23' 10"	20' 2"
800S350-54	50	12	68' 0"	54' 0"	47' 2"	42' 10"	37' 4"	31' 7"	37' 4"	32' 8"	27' 7"	34' 0"	29' 8"	25' 1"	31' 7"	27' 7"	23' 3"	29' 8"	26' 0"	21' 10"
	50	16	61' 9"	49' 1"	42' 10"	38' 10"	34' 0"	28' 8"	34' 0"	29' 8"	25' 1"	30' 10"	27' 0"	22' 9"	28' 8"	25' 1"	21' 1"	27' 0"e	23' 7"	19' 10"
	50	24	54' 0"	42' 10"	37' 4"	34' 0"	29' 8"	25' 1"	29' 8"	26' 0"	21' 10"	27' 0"e	23' 7"	19' 10"	25' 1"e	21' 10"e	18' 6"	23' 7"e	20' 7"e	17' 4"
800S350-68	50	12	74' 3"	59' 0"	51' 6"	46' 9"	40' 10"	34' 6"	40' 10"	35' 8"	30' 1"	37' 1"	32' 6"	27' 4"	34' 6"	30' 1"	25' 4"	32' 6"	28' 3"	23' 10"
	50	16	67' 6"	53' 7"	46' 9"	42' 6"	37' 1"	31' 3"	37' 1"	32' 6"	27' 4"	33' 9"	29' 6"	24' 10"	31' 3"	27' 4"	23' 1"	29' 6"	25' 9"	21' 8"
	50	24	59' 0"	46' 9"	40' 10"	37' 1"	32' 6"	27' 4"	32' 6"	28' 3"	23' 10"	29' 6"	25' 9"	21' 8"	27' 4"	23' 10"	20' 2"	25' 9"	22' 6"	19' 0"
800S350-97	50	12	83' 7"	66' 3"	58' 0"	52' 8"	46' 0"	38' 9"	46' 0"	40' 2"	33' 10"	41' 9"	36' 6"	30' 9"	38' 9"	33' 10"	28' 7"	36' 6"	31' 10"	26' 10"
	50	16	75' 10"	60' 3"	52' 8"	47' 9"	41' 9"	35' 3"	41' 9"	36' 6"	30' 9"	38' 0"	33' 2"	28' 0"	35' 3"	30' 9"	26' 0"	33' 2"	29' 0"	24' 4"
	50	24	66' 3"	52' 8"	46' 0"	41' 9"	36' 6"	30' 9"	36' 6"	31' 10"	26' 10"	33' 2"	29' 0"	24' 4"	30' 9"	26' 10"	22' 8"	29' 0"	25' 3"	21' 4"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

SINGLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
800S125-33	33	12	12' 4"e	12' 4"e	12' 4"e	11' 7"e	11' 7"e	11' 7"e	10' 10"e	10' 10"e	10' 10"e	10' 4"e	10' 4"e	10' 4"e	9' 10"e	9' 10"e	9' 10"e	9' 6"e	9' 6"e	9' 6"e
	33	16	10' 8"e	10' 8"e	10' 8"e	10' 0"e	10' 0"e	10' 0"e	9' 6"e	9' 6"e	9' 6"e	9' 0"e	9' 0"e	9' 0"e	8' 7"e	8' 7"e	8' 7"e	8' 2"e	8' 2"e	8' 2"e
	33	24	8' 9"e	8' 9"e	8' 9"e	8' 2"e	8' 2"e	8' 2"e	7' 8"e	7' 8"e	7' 8"e	7' 3"e	7' 3"e	7' 3"e	7' 0"e	7' 0"e	7' 0"e	6' 8"e	6' 8"e	6' 8"e
800S125-43	33	12	15' 2"e	15' 2"e	15' 2"e	14' 3"e	14' 3"e	14' 3"e	13' 4"e	13' 4"e	13' 4"e	12' 9"e	12' 9"e	12' 9"e	12' 2"e	12' 2"e	12' 2"e	11' 7"e	11' 7"e	11' 7"e
	33	16	13' 2"e	13' 2"e	13' 2"e	12' 3"e	12' 3"e	12' 3"e	11' 7"e	11' 7"e	11' 7"e	11' 0"e	11' 0"e	11' 0"e	10' 6"e	10' 6"e	10' 6"e	10' 1"e	10' 1"e	10' 1"e
	33	24	10' 9"e	10' 9"e	10' 9"e	10' 1"e	10' 1"e	10' 1"e	9' 6"e	9' 6"e	9' 6"e	9' 0"e	9' 0"e	9' 0"e	8' 7"e	8' 7"e	8' 7"e	8' 2"e	8' 2"e	8' 2"e
800S125-54	50	12	20' 6"	19' 4"	16' 3"	19' 2"	18' 6"	15' 7"	18' 1"	17' 9"	15' 0"	17' 2"	17' 2"	14' 6"	16' 4"	16' 4"	14' 1"	15' 8"	15' 8"	13' 8"
	50	16	17' 9"	17' 7"	14' 10"	16' 7"	16' 7"	14' 2"	15' 8"	15' 8"	13' 8"	14' 10"	14' 10"	13' 2"	14' 2"	14' 2"	12' 9"	13' 7"e	13' 7"e	12' 4"
	50	24	14' 6"	14' 6"	13' 0"	13' 7"e	13' 7"e	12' 4"	12' 9"e	12' 9"e	11' 10"	12' 1"e	12' 1"e	11' 6"e	11' 7"e	11' 7"e	11' 2"e	11' 1"e	11' 1"e	10' 9"e
800S162-33	33	12	15' 9"e	15' 9"e	15' 0"e	14' 8"e	14' 8"e	14' 3"e	13' 10"e	13' 10"e	13' 9"e	13' 2"e	13' 2"e	13' 2"e	12' 7"e	12' 7"e	12' 7"e	12' 0"e	12' 0"e	12' 0"e
	33	16	13' 8"e	13' 8"e	13' 7"e	12' 9"e	12' 9"e	12' 9"e	12' 0"e	12' 0"e	12' 0"e	11' 4"e	11' 4"e	11' 4"e	10' 10"e	10' 10"e	10' 10"e	10' 4"e	10' 4"e	10' 4"e
	33	24	11' 1"e	11' 1"e	11' 1"e	10' 4"e	10' 4"e	10' 4"e	9' 7"e	9' 7"e	9' 7"e	8' 7"e	8' 7"e	8' 7"e	7' 10"e	7' 10"e	7' 10"e	7' 2"e	7' 2"e	7' 2"e
800S162-43	33	12	19' 0"e	19' 0"e	16' 6"e	17' 9"e	17' 9"e	15' 9"e	16' 8"e	16' 8"e	15' 1"e	15' 10"e	15' 10"e	14' 7"e	15' 1"e	15' 1"e	14' 2"e	14' 6"e	14' 6"e	13' 9"e
	33	16	16' 4"e	16' 4"e	15' 0"e	15' 4"e	15' 4"e	14' 3"e	14' 6"e	14' 6"e	13' 9"e	13' 9"e	13' 9"e	13' 3"e	13' 1"e	13' 1"e	12' 10"e	12' 7"e	12' 7"e	12' 6"e
	33	24	13' 4"e	13' 4"e	13' 1"e	12' 7"e	12' 7"e	12' 6"e	11' 9"e	11' 9"e	11' 9"e	11' 2"e	11' 2"e	11' 2"e	10' 8"e	10' 8"e	10' 8"e	10' 3"e	10' 3"e	10' 3"e
800S162-54	50	12	24' 0"	21' 0"	17' 8"	23' 0"	20' 1"	16' 10"	22' 1"	19' 3"	16' 3"	21' 2"	18' 7"	15' 8"	20' 2"e	18' 1"	15' 2"	19' 3"e	17' 6"	14' 9"
	50	16	21' 9"	19' 1"	16' 1"	20' 6"e	18' 2"	15' 4"	19' 3"e	17' 6"	14' 9"	18' 3"e	16' 10"e	14' 3"	17' 6"e	16' 4"e	13' 9"	16' 8"e	15' 10"e	13' 4"
	50	24	17' 10"e	16' 8"e	14' 1"	16' 8"e	15' 10"e	13' 4"	15' 9"e	15' 3"e	12' 10"e	15' 0"e	14' 9"e	12' 6"e	14' 3"e	14' 3"e	12' 1"e	13' 8"e	13' 8"e	11' 8"e
800S162-68	50	12	26' 0"	22' 8"	19' 2"	24' 10"	21' 8"	18' 3"	23' 10"	20' 10"	17' 7"	23' 1"	20' 2"	17' 0"	22' 4"	19' 6"	16' 6"	21' 8"	19' 0"	16' 0"
	50	16	23' 7"	20' 7"	17' 4"	22' 7"	19' 8"	16' 7"	21' 8"	19' 0"	16' 0"	21' 0"	18' 3"	15' 6"	20' 3"	17' 8"	15' 0"	19' 7"	17' 2"	14' 6"
	50	24	20' 7"	18' 0"	15' 2"	19' 7"	17' 2"	14' 6"	18' 6"e	16' 7"	14' 0"	17' 6"e	16' 0"	13' 6"	16' 8"e	15' 6"e	13' 1"	16' 0"e	15' 1"e	12' 8"
800S162-97	50	12	28' 10"	25' 3"	21' 3"	27' 8"	24' 2"	20' 4"	26' 7"	23' 2"	19' 7"	25' 8"	22' 4"	18' 10"	24' 10"	21' 8"	18' 3"	24' 2"	21' 1"	17' 9"
	50	16	26' 3"	23' 0"	19' 4"	25' 1"	22' 0"	18' 6"	24' 2"	21' 1"	17' 9"	23' 3"	20' 4"	17' 2"	22' 7"	19' 8"	16' 8"	22' 0"	19' 2"	16' 2"
	50	24	23' 0"	20' 1"	16' 10"	22' 0"	19' 2"	16' 2"	21' 1"	18' 4"	15' 7"	20' 4"	17' 9"	15' 0"	19' 8"	17' 3"	14' 7"	19' 2"	16' 9"	14' 1"
800S200-33	33	12	17' 0"e	17' 0"e	15' 10"e	15' 10"e	15' 10"e	15' 2"e	15' 0"e	15' 0"e	14' 7"e	14' 2"e	14' 2"e	14' 1"e	13' 6"e	13' 6"e	13' 6"e	13' 0"e	13' 0"e	13' 0"e
	33	16	14' 8"e	14' 8"e	14' 4"e	13' 8"e	13' 8"e	13' 8"e	13' 0"e	13' 0"e	13' 0"e	12' 3"e	12' 3"e	12' 3"e	11' 8"e	11' 8"e	11' 8"e	10' 9"e	10' 9"e	10' 9"e
	33	24	12' 0"e	12' 0"e	12' 0"e	10' 9"e	10' 9"e	10' 9"e	9' 7"e	9' 7"e	9' 7"e	8' 7"e	8' 7"e	8' 7"e	7' 10"e	7' 10"e	7' 10"e	7' 2"e	7' 2"e	7' 2"e
800S200-43	33	12	20' 4"e	20' 4"e	17' 4"e	19' 1"e	19' 1"e	16' 8"e	18' 0"e	18' 0"e	16' 0"e	17' 1"e	17' 1"e	15' 6"e	16' 3"e	16' 3"e	15' 0"e	15' 7"e	15' 7"e	14' 7"e
	33	16	17' 8"e	17' 8"e	15' 9"e	16' 6"e	16' 6"e	15' 1"e	15' 7"e	15' 7"e	14' 7"e	14' 9"e	14' 9"e	14' 1"e	14' 1"e	14' 1"e	13' 7"e	13' 6"e	13' 6"e	13' 2"e
	33	24	14' 4"e	14' 4"e	13' 9"e	13' 6"e	13' 6"e	13' 2"e	12' 8"e	12' 8"e	12' 8"e	12' 1"e	12' 1"e	12' 1"e	11' 6"e	11' 6"e	11' 6"e	11' 0"e	11' 0"e	11' 0"e
800S200-54	50	12	25' 4"	22' 2"	18' 8"	24' 3"	21' 2"	17' 10"	23' 4"	20' 4"	17' 2"	22' 7"e	19' 8"	16' 7"	21' 7"e	19' 1"	16' 1"	20' 8"e	18' 6"e	15' 7"
	50	16	23' 1"	20' 2"	17' 0"	22' 0"e	19' 3"	16' 3"	20' 8"e	18' 6"e	15' 7"	19' 8"e	17' 10"e	15' 1"	18' 8"e	17' 3"e	14' 7"	17' 10"e	16' 9"e	14' 2"e
	50	24	19' 2"e	17' 7"e	14' 10"	17' 10"e	16' 9"e	14' 2"e	16' 10"e	16' 2"e	13' 8"e	16' 0"e	15' 7"e	13' 2"e	15' 3"e	15' 1"e	12' 9"e	14' 8"e	14' 8"e	12' 4"e
800S200-68	50	12	27' 3"	23' 9"	20' 1"	26' 1"	22' 9"	19' 2"	25' 1"	21' 10"	18' 6"	24' 2"	21' 2"	17' 9"	23' 6"	20' 6"	17' 3"	22' 9"	19' 10"	16' 9"
	50	16	24' 9"	21' 7"	18' 3"	23' 8"	20' 8"	17' 6"	22' 9"	19' 10"	16' 9"	22' 0"	19' 2"	16' 2"	21' 3"	18' 7"	15' 8"	20' 8"e	18' 1"	15' 3"
	50	24	21' 7"	18' 10"	16' 0"	20' 8"e	18' 1"	15' 3"	19' 9"e	17' 4"	14' 8"	18' 9"e	16' 9"e	14' 2"	17' 10"e	16' 3"e	13' 8"	17' 1"e	15' 9"e	13' 3"
800S200-97	50	12	30' 3"	26' 6"	22' 4"	29' 0"	25' 3"	21' 4"	27' 10"	24' 4"	20' 7"	26' 10"	23' 6"	19' 9"	26' 1"	22' 9"	19' 2"	25' 3"	22' 1"	18' 8"
	50	16	27' 7"	24' 1"	20' 3"	26' 4"	23' 0"	19' 4"	25' 3"	22' 1"	18' 8"	24' 6"	21' 4"	18' 0"	23' 8"	20' 8"	17' 6"	23' 0"	20' 1"	17' 0"
	50	24	24' 1"	21' 0"	17' 8"	23' 0"	20' 1"	17' 0"	22' 1"	19' 3"	16' 3"	21' 4"	18' 8"	15' 9"	20' 8"	18' 1"	15' 3"	20' 1"	17' 7"	14' 9"
800S250-43	33	12	20' 10"e	20' 10"e	18' 1"e	19' 6"e	19' 6"e	17' 3"e	18' 4"e	18' 4"e	16' 8"e	17' 6"e	17' 6"e	16' 1"e	16' 8"e	16' 8"e	15' 7"e	16' 0"e	16' 0"e	15' 1"e
	33	16	18' 1"e	18' 1"e	16' 6"e	16' 10"e	16' 10"e	15' 9"e	16' 0"e	16' 0"e	15' 1"e	15' 1"e	15' 1"e	14' 7"e	14' 4"e	14' 4"e	14' 2"e	13' 9"e	13' 9"e	13' 9"e
	33	24	14' 9"e	14' 9"e	14' 4"e	13' 9"e	13' 9"e	13' 9"e	13' 0"e	13' 0"e	13' 0"e	12' 4"e	12' 4"e	12' 4"e	11' 9"e	11' 9"e	11' 9"e	11' 3"e	11' 3"e	11' 3"e
800S250-54	50	12	26' 1"	22' 9"	19' 3"	25' 0"	21' 9"	18' 4"	24' 0"e	21' 0"	17' 8"	23' 2"e	20' 3"	17' 1"	22' 2"e	19' 7"e	16' 7"	21' 2"e	19' 1"e	16' 1"
	50	16	23' 9"e	20' 8"	17' 6"	22' 6"e	19' 9"	16' 8"	21' 2"e	19' 1"e	16' 1"	20' 1"e	18' 4"e	15' 6"	19' 2"e	17' 9"e	15' 1"e	18' 4"e	17' 3"e	14' 7"e
	50	24	19' 7"e	18' 1"e	15' 3"	18' 4"e	17' 3"e	14' 7"e	17' 3"e	16' 8"e	14' 1"e	16' 4"e	16' 1"e	13' 7"e	15' 8"e	15' 7"e	13' 2"e	15' 0"e	15' 0"e	12' 9"e
800S250-68	50	12	28' 3"	24' 9"	20' 10"	27' 1"	23' 8"	20' 0"	26' 1"	22' 9"	19' 2"	25' 2"	22' 0"	18' 6"	24' 4"	21' 3"	18' 0"	23' 8"	20' 8"	17' 6"
	50	16	25' 9"	22' 6"	19' 0"	24' 7"	21' 6"	18' 2"	23' 8"	20' 8"	17' 6"	22' 10"	20' 0"	16' 10"	22' 2"	19' 4"	16' 3"	21' 6"e	18' 9"	15' 10"
	50	24	22' 6"	19' 8"	16' 7"	21' 6"e	18' 9"	15' 10"	20' 3"e	18' 1"	15' 2"	19' 2"e	17' 6"e	14' 8"	18' 3"e	16' 10"e	14' 3"	17' 7"e	16' 4"e	13' 10"e
800S250-97	50	12	31' 8"	27' 8"	23' 4"	30' 3"	26' 6"	22' 3"	29' 2"	25' 6"	21' 6"	28' 2"	24' 7"	20' 8"	27' 3"	23' 9"	20' 1"	26' 6"	23' 1"	19' 6"
	50	16	28' 9"	25' 2"	21' 2"	27' 7"	24' 1"	20' 3"	26' 6"	23' 1"	19' 6"	25' 7"	22' 3"	18' 9"	24' 9"	21' 7"	18' 3"	24' 1"	21' 0"	17' 8"
	50	24	25' 2"	22' 0"	18' 6"	24' 1"	21' 0"	17' 8"	23' 1"	20' 2"	17' 1"	22' 3"	19' 6"	16' 6"	21' 7"	18' 10"	15' 10"	21' 0"	18' 4"	15' 6"
800S300-43	33	12	21' 2"e	21' 2"e	18' 6"e	19' 9"e	19' 9"e	17' 8"e	18' 8"e	18' 8"e	17' 1"e	17' 8"e	17' 8"e	16' 6"e	16' 10"e	16' 10"e	16' 0"e	16' 2"e	16' 2"e	15' 6"e
	33	16	18' 4"e	18' 4"e	16' 9"e	17' 2"e	17' 2"e	16' 1"e	16' 2"e	16' 2"e	15' 6"e	15' 4"e	15' 4"e	15' 0"e	14' 7"e	14' 7"e	14' 6"e	14' 0"e	14' 0"e	14' 0"e
	33	24	15' 0"e	15' 0"e	14' 8"e	14' 0"e	14' 0"e	14' 0"e	13' 2"e	13' 2"e	13' 2"e	12' 6"e	12' 6"e	12' 6"e	12' 0"e	12' 0"e	12' 0"e	11' 4"e	11' 4"e	11' 4"e
800S300-54	50	12	26' 8"	23' 4"	19' 8"	25' 7"	22' 3"	18' 9"	24' 7"e	21' 6"	18' 1"	23' 7"e	20' 8"	17' 6"	22' 6"e	20' 1"e	16' 10"	21' 6"e	19' 6"e	16' 6"
	50	16	24' 3"e	21' 2"	17' 10"	22' 9"e	20' 3"e	17' 1"	21' 6"e	19' 6"e	16' 6"	20' 4"e	18' 9"e	15' 10"	19' 6"e	18' 2"e	15' 4"e	18' 7"e	17' 8"e	15' 0"e
	50	24	19' 10"e	18' 6"e	15' 7"e	18' 7"e	17' 8"e	15' 0"e	17' 7"e	17' 0"e	14' 4"e	16' 8"e	16' 6"e	13' 10"e	15' 10"e	15' 10"e	13' 4"e	15' 2"e	15' 2"e	13' 1"e
800S300-68	50	12	29' 1"	25' 4"	21' 4"	27' 9"	24' 3"	20' 6"	26' 8"	23' 3"	19' 8"	25' 9"	22' 6"	19' 0"	25' 0"	21' 9"	18' 4"	24' 3"	21' 2"	17' 10"
	50	16	26' 4"	23' 1"	19' 4"	25' 2"	22' 1"	18' 7"	24' 3"	21' 2"	17' 10"	23' 4"	20' 6"	17' 3"	22' 8"e	19' 9"	16' 8"	21' 10"e	19' 3"	16' 3"
	50	24	23' 1"	20' 1"	17' 0"	21' 10"e	19' 3"	16' 3"	20' 7"e	18' 6"e	15' 7"	19' 7"e	17' 10"e	15' 1"	18' 7"e	17' 3"e	14' 7"	17' 10"e	16' 9"e	14' 2"e
800S300-97	50	12	32' 9"	28' 7"	24' 1"	31' 3"	27' 4"	23' 1"	30' 1"	26' 3"	22' 2"	29' 1"	25' 4"	21' 4"	28' 2"	24' 7"	20' 9"	27' 4"	23' 10"	20' 2"
	50	16	29' 9"	26' 0"	21' 10"	28' 6"	24' 10"	21' 0"	27' 4"	23' 10"	20' 2"	26' 4"	23' 1"	19' 6"	25' 7"	22' 4"	18' 10"	24' 10"	21' 8"	18' 3"
	50	24	26' 0"	22' 8"	19' 2"	24' 10"	21' 8"	18' 3"	23' 10"	20' 10"	17' 7"	23' 1"	20' 2"	17' 0"	22' 4"	19' 6"	16' 6"	21' 8"	19' 0"	16' 0"
800S350-54	50	12	28' 2"	24' 8"	20' 9"	27' 0"e	23' 7"	19' 10"	26' 0"e	22' 8"	19' 1"	25' 1"e	21' 10"e	18' 6"	24' 3"e	21' 2"e	17' 10"	23' 7"e	20' 7"e	17' 4"
	50	16	25' 7"e	22' 4"	18' 10"	24' 6"e	21' 4"e	18' 1"	23' 7"e	20' 7"e	17' 4"	22' 8"e	19' 10"e	16' 9"e	21' 7"e	19' 3"e	16' 3"e	20' 8"e	18' 8"e	15' 9"e
	50	24	22' 1"e	19' 7"e	16' 6"e	20' 8"e	18' 8"e	15' 9"e	19' 6"e	18' 0"e	15' 2"e	18' 6"e	17' 4"e	14' 8"e	17' 8"e	16' 9"e	14' 2"e	16' 10"e	16' 4"e	13' 9"e
800S350-68	50	12	30' 9"	26' 10"	22' 8"	29' 6"	25' 9"	21' 8"	28' 3"	24' 9"	20' 10"	27' 4"	23' 10"	20' 2"	26' 6"	23' 2"	19' 6"	25' 9"	22' 6"	19' 0"
	50	16	28' 0"	24' 6"	20' 7"	26' 9"	23' 4"	19' 8"	25' 9"	22' 6"	19' 0"	24' 10"e	21' 8"	18' 3"	24' 1"e	21' 0"	17' 8"	23' 4"e	20' 4"	17' 2"
	50	24	24' 6"e	21' 4"	18' 0"	23' 4"e	20' 4"	17' 2"	22' 6"e	19' 8"e	16' 7"	21' 8"e	19' 0"e	16' 0"	20' 8"e	18' 4"e	15' 6"e	19' 9"e	17' 10"e	15' 1"e
800S350-97	50	12	34' 8"	30' 3"	25' 7"	33' 2"	29' 0"	24' 4"	31' 10"	27' 10"	23' 6"	30' 9"	26' 10"	22' 8"	29' 9"	26' 1"	22' 0"	29' 0"	25' 3"	21' 4"
	50	16	31' 6"	27' 6"	23' 2"	30' 1"	26' 3"	22' 2"	29' 0"	25' 3"	21' 4"	28' 0"	24' 4"	20' 7"	27' 1"	23' 8"	20' 0"	26' 3"	23' 0"	19' 4"
	50	24	27' 6"	24' 0"	20' 3"	26' 3"	23' 0"	19' 4"	25' 3"	22' 1"	18' 8"	24' 4"	21' 4"	18' 0"	23' 8"	20' 8"	17' 4"	23' 0"	20' 1"	16' 10"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
250S125-33	33	12	17' 3"	17' 3"	16' 10"	12' 3"	12' 3"	11' 3"	10' 0"	10' 0"	9' 10"	8' 8"	8' 8"	8' 8"	7' 9"	7' 9"	7' 9"	7' 1"	7' 1"	7' 1"
	33	16	15' 0"	15' 0"	15' 0"	10' 7"	10' 7"	10' 3"	8' 8"	8' 8"	8' 8"	7' 6"	7' 6"	7' 6"	6' 8"	6' 8"	6' 8"	6' 1"	6' 1"	6' 1"
	33	24	12' 3"	12' 3"	12' 3"	8' 8"	8' 8"	8' 8"	7' 1"	7' 1"	7' 1"	6' 1"	6' 1"	6' 1"	5' 6"	5' 6"	5' 6"	5' 0"	5' 0"	5' 0"
250S125-43	33	12	20' 8"	20' 8"	18' 4"	14' 7"	14' 7"	12' 3"	11' 10"	11' 10"	10' 9"	10' 3"	10' 3"	9' 9"	9' 2"	9' 2"	9' 1"	8' 4"	8' 4"	8' 4"
	33	16	17' 10"	17' 10"	16' 8"	12' 8"	12' 8"	11' 2"	10' 3"	10' 3"	9' 9"	8' 10"	8' 10"	8' 10"	8' 0"	8' 0"	8' 0"	7' 3"	7' 3"	7' 3"
	33	24	14' 7"	14' 7"	14' 7"	10' 3"	10' 3"	9' 9"	8' 4"	8' 4"	8' 4"	7' 3"	7' 3"	7' 3"	6' 4"	6' 4"	6' 4"	5' 9"	5' 9"	5' 9"
250S125-54	50	12	27' 4"	22' 6"	19' 8"	17' 10"	15' 7"	13' 2"	15' 7"	13' 7"	11' 6"	13' 8"	12' 4"	10' 4"	12' 2"	11' 6"	9' 8"	11' 2"	10' 9"	9' 1"
	50	16	23' 8"	20' 4"	17' 10"	16' 2"	14' 2"	12' 0"	13' 8"	12' 4"	10' 4"	11' 9"	11' 3"	9' 6"	10' 7"	10' 4"	8' 9"	9' 8"	9' 8"	8' 3"
	50	24	19' 3"	17' 10"	15' 7"	13' 8"	12' 4"	10' 4"	11' 2"	10' 9"	9' 1"	9' 8"	9' 8"	8' 3"	8' 8"	8' 8"	7' 8"	7' 9"	7' 9"	7' 2"
250S162-33	33	12	22' 0"	21' 4"	18' 8"	15' 7"	14' 9"	12' 6"	12' 8"	12' 8"	10' 10"	10' 10"	10' 10"	9' 10"	9' 7"	9' 7"	9' 2"	8' 8"	8' 8"	8' 8"
	33	16	19' 1"	19' 1"	17' 0"	13' 6"	13' 6"	11' 4"	10' 10"	10' 10"	9' 10"	9' 3"	9' 3"	9' 0"	8' 2"	8' 2"	8' 2"	7' 4"	7' 4"	7' 4"
	33	24	15' 7"	15' 7"	14' 9"	10' 10"	10' 10"	9' 10"	8' 8"	8' 8"	8' 8"	7' 4"	7' 4"	7' 4"	6' 6"	6' 6"	6' 6"	5' 9"i	5' 9"i	5' 9"i
250S162-43	33	12	25' 10"	23' 2"	20' 3"	18' 3"	16' 1"	13' 7"	15' 0"	14' 1"	11' 10"	12' 10"	12' 9"	10' 9"	11' 4"	11' 4"	10' 0"	10' 3"	10' 3"	9' 4"
	33	16	22' 6"	21' 1"	18' 4"	15' 10"	14' 7"	12' 3"	12' 10"	12' 9"	10' 9"	11' 0"	11' 0"	9' 9"	9' 7"	9' 7"	9' 1"	8' 7"	8' 7"	8' 7"
	33	24	18' 3"	18' 3"	16' 1"	12' 10"	12' 9"	10' 9"	10' 3"	10' 3"	9' 4"	8' 7"	8' 7"	8' 7"	7' 6"	7' 6"	7' 6"	6' 8"	6' 8"	6' 8"
250S162-54	50	12	31' 3"	24' 10"	21' 8"	19' 8"	17' 2"	14' 6"	17' 2"	15' 1"	12' 8"	15' 8"	13' 8"	11' 6"	14' 6"	12' 8"	10' 8"	13' 8"	12' 0"	10' 1"
	50	16	28' 6"	22' 7"	19' 8"	17' 10"	15' 8"	13' 2"	15' 8"	13' 8"	11' 6"	14' 2"	12' 4"	10' 6"	13' 1"	11' 6"	9' 8"	11' 9"	10' 10"	9' 2"
	50	24	24' 3"	19' 8"	17' 2"	15' 8"	13' 8"	11' 6"	13' 8"	12' 0"	10' 1"	11' 9"	10' 10"	9' 2"	10' 3"	10' 1"	8' 6"	9' 2"	9' 2"	8' 0"
250S162-68	50	12	33' 4"	26' 6"	23' 2"	21' 1"	18' 4"	15' 6"	18' 4"	16' 1"	13' 7"	16' 8"	14' 7"	12' 3"	15' 6"	13' 7"	11' 4"	14' 7"	12' 9"	10' 9"
	50	16	30' 4"	24' 1"	21' 1"	19' 1"	16' 8"	14' 1"	16' 8"	14' 7"	12' 3"	15' 2"	13' 3"	11' 2"	14' 1"	12' 3"	10' 4"	12' 8"	11' 7"	9' 9"
	50	24	26' 6"	21' 1"	18' 4"	16' 8"	14' 7"	12' 3"	14' 7"	12' 9"	10' 9"	12' 8"	11' 7"	9' 9"	11' 0"	10' 9"	9' 1"	9' 8"	9' 8"	8' 6"
362S125-33	33	12	21' 7"	21' 7"	21' 7"	15' 3"	15' 3"	15' 1"	12' 6"	12' 6"	12' 6"	10' 9"	10' 9"	10' 9"	9' 7"	9' 7"	9' 7"	8' 9"	8' 9"	8' 9"
	33	16	18' 8"	18' 8"	18' 8"	13' 2"	13' 2"	13' 2"	10' 9"	10' 9"	10' 9"	9' 3"	9' 3"	9' 3"	8' 4"	8' 4"	8' 4"	7' 7"	7' 7"	7' 7"
	33	24	15' 3"	15' 3"	15' 3"	10' 9"	10' 9"	10' 9"	8' 9"	8' 9"	8' 9"	7' 7"	7' 7"	7' 7"	6' 9"i	6' 9"i	6' 9"i	6' 1"i	6' 1"i	6' 1"i
362S125-43	33	12	25' 10"	25' 10"	24' 7"	18' 3"	18' 3"	16' 4"	15' 0"	15' 0"	14' 4"	13' 0"	13' 0"	13' 0"	11' 7"	11' 7"	11' 7"	10' 7"	10' 7"	10' 7"
	33	16	22' 4"	22' 4"	22' 3"	15' 10"	15' 10"	14' 10"	13' 0"	13' 0"	13' 0"	11' 2"	11' 2"	11' 2"	10' 0"	10' 0"	10' 0"	9' 2"	9' 2"	9' 2"
	33	24	18' 3"	18' 3"	18' 3"	13' 0"	13' 0"	13' 0"	10' 7"	10' 7"	10' 7"	9' 2"	9' 2"	9' 2"	8' 2"	8' 2"	8' 2"	7' 6"	7' 6"	7' 6"
362S125-54	50	12	34' 6"	30' 1"	26' 3"	23' 10"	20' 10"	17' 7"	19' 10"	18' 2"	15' 4"	17' 2"	16' 6"	14' 0"	15' 4"	15' 4"	13' 0"	14' 1"	14' 1"	12' 2"
	50	16	29' 10"	27' 3"	23' 10"	21' 1"	18' 10"	16' 0"	17' 2"	16' 6"	14' 0"	14' 10"	14' 10"	12' 8"	13' 4"	13' 4"	11' 9"	12' 2"	12' 2"	11' 1"
	50	24	24' 4"	23' 10"	20' 10"	17' 2"	16' 6"	14' 0"	14' 1"	14' 1"	12' 2"	12' 2"	12' 2"	11' 1"	10' 10"	10' 10"	10' 3"	10' 0"	10' 0"	9' 8"
362S162-33	33	12	27' 2"	27' 2"	24' 9"	19' 1"	19' 1"	16' 7"	15' 6"	15' 6"	14' 6"	13' 3"	13' 3"	13' 2"	11' 9"	11' 9"	11' 9"	10' 8"i	10' 8"i	10' 8"i
	33	16	23' 7"	23' 7"	22' 6"	16' 6"	16' 6"	15' 1"	13' 3"	13' 3"	13' 2"	11' 4"	11' 4"	11' 4"	10' 1"i	10' 1"i	10' 1"i	9' 1"i	9' 1"i	9' 1"i
	33	24	19' 1"	19' 1"	19' 1"	13' 3"	13' 3"	13' 2"	10' 8"i	10' 8"i	10' 8"i	9' 1"i	9' 1"i	9' 1"i	8' 0"i	8' 0"i	8' 0"i	7' 2"a	7' 2"a	7' 2"a
362S162-43	33	12	32' 2"	30' 10"	27' 0"	22' 7"	21' 4"	18' 1"	18' 3"	18' 3"	15' 9"	15' 9"	15' 9"	14' 3"	14' 0"	14' 0"	13' 3"	12' 8"	12' 8"	12' 6"
	33	16	27' 9"	27' 9"	24' 6"	19' 6"	19' 6"	16' 4"	15' 9"	15' 9"	14' 3"	13' 6"	13' 6"	13' 0"	12' 0"	12' 0"	12' 0"	10' 10"	10' 10"	10' 10"
	33	24	22' 7"	22' 7"	21' 4"	15' 9"	15' 9"	14' 3"	12' 8"	12' 8"	12' 6"	10' 10"	10' 10"	10' 10"	9' 7"	9' 7"	9' 7"	8' 7"	8' 7"	8' 7"
362S162-54	50	12	41' 8"	33' 1"	28' 10"	26' 3"	22' 10"	19' 4"	22' 10"	20' 0"	16' 10"	20' 9"	18' 2"	15' 4"	19' 0"	16' 10"	14' 3"	17' 2"	15' 10"	13' 4"
	50	16	37' 1"	30' 1"	26' 3"	23' 10"	20' 9"	17' 7"	20' 9"	18' 2"	15' 4"	18' 3"	16' 6"	14' 0"	16' 3"	15' 4"	13' 0"	14' 9"	14' 6"	12' 2"
	50	24	30' 3"	26' 3"	22' 10"	20' 9"	18' 2"	15' 4"	17' 2"	15' 10"	13' 4"	14' 9"	14' 6"	12' 2"	13' 1"	13' 1"	11' 3"	11' 9"	11' 9"	10' 8"
362S162-68	50	12	44' 7"	35' 4"	30' 10"	28' 1"	24' 7"	20' 8"	24' 7"	21' 4"	18' 1"	22' 3"	19' 6"	16' 4"	20' 8"	18' 1"	15' 3"	19' 4"	17' 0"	14' 4"
	50	16	40' 6"	32' 2"	28' 1"	25' 6"	22' 3"	18' 9"	22' 3"	19' 6"	16' 4"	20' 3"	17' 8"	14' 10"	18' 3"	16' 4"	13' 10"	16' 7"	15' 6"	13' 0"
	50	24	34' 7"	28' 1"	24' 7"	22' 3"	19' 6"	16' 4"	19' 4"	17' 0"	14' 4"	16' 7"	15' 6"	13' 0"	14' 7"	14' 4"	12' 1"	13' 1"	13' 1"	11' 4"
362S162-97	50	12	49' 2"	39' 1"	34' 1"	31' 0"	27' 1"	22' 9"	27' 1"	23' 8"	20' 0"	24' 7"	21' 6"	18' 1"	22' 9"	20' 0"	16' 9"	21' 6"	18' 9"	15' 9"
	50	16	44' 8"	35' 6"	31' 0"	28' 2"	24' 7"	20' 9"	24' 7"	21' 6"	18' 1"	22' 4"	19' 6"	16' 6"	20' 9"	18' 1"	15' 3"	19' 6"	17' 1"	14' 4"
	50	24	39' 1"	31' 0"	27' 1"	24' 7"	21' 6"	18' 1"	21' 6"	18' 9"	15' 9"	19' 6"	17' 1"	14' 4"	17' 1"	15' 9"	13' 4"	15' 2"	14' 10"	12' 7"
362S200-33	33	12	28' 7"	28' 7"	26' 0"	20' 0"	20' 0"	17' 4"	16' 2"	16' 2"	15' 2"	13' 10"	13' 10"	13' 9"	12' 3"	12' 3"	12' 3"	11' 2"i	11' 2"i	11' 2"i
	33	16	24' 8"	24' 8"	23' 7"	17' 2"	17' 2"	15' 9"	13' 10"	13' 10"	13' 9"	11' 10"	11' 10"	11' 10"	10' 6"i	10' 6"i	10' 6"i	9' 6"i	9' 6"i	9' 6"i
	33	24	20' 0"	20' 0"	20' 0"	13' 10"	13' 10"	13' 9"	11' 2"i	11' 2"i	11' 2"i	9' 6"i	9' 6"i	9' 6"i	8' 3"a	8' 3"a	8' 3"a	7' 6"a	7' 6"a	7' 6"a
362S200-43	33	12	34' 6"	32' 7"	28' 6"	24' 2"	22' 7"	19' 1"	19' 7"	19' 7"	16' 8"	16' 9"	16' 9"	15' 1"	14' 10"	14' 10"	14' 1"	13' 6"	13' 6"	13' 2"
	33	16	29' 9"	29' 7"	25' 10"	20' 9"	20' 7"	17' 3"	16' 9"	16' 9"	15' 1"	14' 4"	14' 4"	13' 9"	12' 9"	12' 9"	12' 9"	11' 6"	11' 6"	11' 6"
	33	24	24' 2"	24' 2"	22' 7"	16' 9"	16' 9"	15' 1"	13' 6"	13' 6"	13' 2"	11' 6"	11' 6"	11' 6"	10' 2"	10' 2"	10' 2"	9' 1"	9' 1"	9' 1"
362S200-54	50	12	44' 1"	35' 0"	30' 7"	27' 9"	24' 3"	20' 6"	24' 3"	21' 2"	17' 10"	22' 0"	19' 2"	16' 2"	19' 10"	17' 10"	15' 1"	18' 0"	16' 9"	14' 2"
	50	16	39' 3"	31' 9"	27' 9"	25' 2"	22' 0"	18' 7"	22' 0"	19' 2"	16' 2"	19' 2"	17' 6"	14' 8"	17' 0"	16' 2"	13' 8"	15' 4"	15' 3"	12' 10"
	50	24	32' 0"	27' 9"	24' 3"	22' 0"	19' 2"	16' 2"	18' 0"	16' 9"	14' 2"	15' 4"	15' 3"	12' 10"	13' 7"	13' 7"	12' 0"	12' 3"	12' 3"	11' 3"
362S200-68	50	12	47' 2"	37' 6"	32' 8"	29' 8"	26' 0"	21' 10"	26' 0"	22' 8"	19' 1"	23' 7"	20' 7"	17' 4"	21' 10"	19' 1"	16' 1"	20' 7"	18' 0"	15' 2"
	50	16	42' 10"	34' 0"	29' 8"	27' 0"	23' 7"	19' 10"	23' 7"	20' 7"	17' 4"	21' 4"	18' 8"	15' 9"	19' 7"	17' 4"	14' 8"	17' 8"	16' 4"	13' 9"
	50	24	37' 2"	29' 8"	26' 0"	23' 7"	20' 7"	17' 4"	20' 7"	18' 0"	15' 2"	17' 8"	16' 4"	13' 9"	15' 7"	15' 2"	12' 9"	14' 0"	14' 0"	12' 1"
362S200-97	50	12	52' 2"	41' 4"	36' 2"	32' 10"	28' 8"	24' 2"	28' 8"	25' 1"	21' 2"	26' 1"	22' 9"	19' 2"	24' 2"	21' 2"	17' 10"	22' 9"	19' 10"	16' 9"
	50	16	47' 4"	37' 7"	32' 10"	29' 10"	26' 1"	22' 0"	26' 1"	22' 9"	19' 2"	23' 8"	20' 8"	17' 6"	22' 0"	19' 2"	16' 2"	20' 8"	18' 1"	15' 3"
	50	24	41' 4"	32' 10"	28' 8"	26' 1"	22' 9"	19' 2"	22' 9"	19' 10"	16' 9"	20' 8"	18' 1"	15' 3"	18' 0"	16' 9"	14' 2"	15' 10"	15' 9"	13' 3"
362S250-33	33	12	29' 7"	29' 7"	27' 1"	20' 8"	20' 8"	18' 1"	16' 8"	16' 8"	15' 9"	14' 4"	14' 4"	14' 4"	12' 8"	12' 8"	12' 8"	11' 6"i	11' 6"i	11' 6"i
	33	16	25' 6"	25' 6"	24' 7"	17' 9"	17' 9"	16' 6"	14' 4"	14' 4"	14' 4"	12' 3"i	12' 3"i	12' 3"i	10' 9"i	10' 9"i	10' 9"i	9' 9"i	9' 9"i	9' 9"i
	33	24	20' 8"	20' 8"	20' 8"	14' 4"	14' 4"	14' 4"	11' 6"i	11' 6"i	11' 6"i	9' 9"i	9' 9"i	9' 9"i	8' 7"a	8' 7"a	8' 7"a	7' 8"a	7' 8"a	7' 8"a

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
362S250-43	33	12	35' 3"	34' 3"	30' 0"	24' 9"	23' 9"	20' 1"	20' 1"	20' 1"	17' 6"	17' 2"	17' 2"	15' 10"	15' 3"	15' 3"	14' 9"	13' 10"	13' 10"	13' 10"
	33	16	30' 6"	30' 6"	27' 2"	21' 4"	21' 4"	18' 2"	17' 2"	17' 2"	15' 10"	14' 9"	14' 9"	14' 6"	13' 1"	13' 1"	13' 1"	11' 9"	11' 9"	11' 9"
	33	24	24' 9"	24' 9"	23' 9"	17' 2"	17' 2"	15' 10"	13' 10"	13' 10"	13' 10"	11' 9"	11' 9"	11' 9"	10' 4"	10' 4"	10' 4"	9' 3"i	9' 3"i	9' 3"i
362S250-54	50	12	45' 10"	36' 4"	31' 9"	28' 10"	25' 2"	21' 3"	25' 2"	22' 0"	18' 7"	22' 10"	20' 0"	16' 10"	20' 3"	18' 7"	15' 8"	18' 6"	17' 6"	14' 9"
	50	16	40' 3"	33' 1"	28' 10"	26' 2"	22' 10"	19' 3"	22' 10"	20' 0"	16' 10"	19' 8"	18' 2"	15' 3"	17' 4"	16' 10"	14' 2"	15' 9"	15' 9"	13' 4"
	50	24	32' 9"	28' 10"	25' 2"	22' 10"	20' 0"	16' 10"	18' 6"	17' 6"	14' 9"	15' 9"	15' 9"	13' 4"	13' 10"	13' 10"	12' 4"	12' 7"	12' 7"	11' 8"
362S250-68	50	12	49' 8"	39' 4"	34' 4"	31' 3"	27' 3"	23' 1"	27' 3"	23' 10"	20' 1"	24' 9"	21' 8"	18' 3"	23' 1"	20' 1"	17' 0"	21' 1"	19' 0"	16' 0"
	50	16	45' 1"	35' 9"	31' 3"	28' 4"	24' 9"	20' 10"	24' 9"	21' 8"	18' 3"	22' 6"	19' 8"	16' 7"	19' 10"	18' 3"	15' 4"	17' 10"	17' 2"	14' 6"
	50	24	37' 9"	31' 3"	27' 3"	24' 9"	21' 8"	18' 3"	21' 1"	19' 0"	16' 0"	17' 10"	17' 2"	14' 6"	15' 9"	15' 9"	13' 6"	14' 2"	14' 2"	12' 8"
362S250-97	50	12	55' 2"	43' 9"	38' 3"	34' 9"	30' 4"	25' 7"	30' 4"	26' 6"	22' 4"	27' 7"	24' 1"	20' 3"	25' 7"	22' 4"	18' 10"	24' 1"	21' 1"	17' 9"
	50	16	50' 2"	39' 9"	34' 9"	31' 7"	27' 7"	23' 3"	27' 7"	24' 1"	20' 3"	25' 1"	21' 10"	18' 6"	23' 3"	20' 3"	17' 2"	21' 7"	19' 1"	16' 1"
	50	24	43' 9"	34' 9"	30' 4"	27' 7"	24' 1"	20' 3"	24' 1"	21' 1"	17' 9"	21' 7"	19' 1"	16' 1"	18' 7"	17' 9"	15' 0"	16' 4"	16' 4"	14' 1"
362S300-33	33	12	30' 2"	30' 2"	27' 10"	21' 1"	21' 1"	18' 8"	17' 1"	17' 1"	16' 3"	14' 7"	14' 7"	14' 7"	13' 0"i	13' 0"i	13' 0"i	11' 8"i	11' 8"i	11' 8"i
	33	16	26' 0"	26' 0"	25' 3"	18' 2"	18' 2"	16' 10"	14' 7"	14' 7"	14' 7"	12' 6"i	12' 6"i	12' 6"i	11' 0"i	11' 0"i	11' 0"i	9' 10"i	9' 10"i	9' 10"i
	33	24	21' 1"	21' 1"	21' 1"	14' 7"	14' 7"	14' 7"	11' 8"i	11' 8"i	11' 8"i	9' 10"i	9' 10"i	9' 10"i	8' 8"a	8' 8"a	8' 8"a	7' 9"a	7' 9"a	7' 9"a
362S300-43	33	12	35' 8"	35' 3"	30' 10"	25' 1"	24' 6"	20' 8"	20' 3"	20' 3"	18' 0"	17' 4"	17' 4"	16' 4"	15' 6"	15' 6"	15' 2"	14' 0"	14' 0"	14' 0"
	33	16	30' 10"	30' 10"	28' 0"	21' 7"	21' 7"	18' 9"	17' 4"	17' 4"	16' 4"	14' 10"	14' 10"	14' 10"	13' 2"	13' 2"	13' 2"	11' 10"	11' 10"	11' 10"
	33	24	25' 1"	25' 1"	24' 6"	17' 4"	17' 4"	16' 4"	14' 0"	14' 0"	14' 0"	11' 10"	11' 10"	11' 10"	10' 6"	10' 6"	10' 6"	9' 4"i	9' 4"i	9' 4"i
362S300-54	50	12	47' 1"	37' 4"	32' 8"	29' 8"	25' 10"	21' 10"	25' 10"	22' 8"	19' 1"	23' 2"	20' 7"	17' 4"	20' 7"	19' 1"	16' 1"	18' 8"	18' 0"	15' 2"
	50	16	40' 10"	34' 0"	29' 8"	27' 0"	23' 7"	19' 10"	23' 2"	20' 7"	17' 4"	19' 10"	18' 8"	15' 9"	17' 8"	17' 4"	14' 7"	16' 0"	16' 0"	13' 9"
	50	24	33' 2"	29' 8"	25' 10"	23' 2"	20' 7"	17' 4"	18' 8"	18' 0"	15' 2"	16' 0"	16' 0"	13' 9"	14' 1"	14' 1"	12' 9"	12' 8"	12' 8"	12' 0"
362S300-68	50	12	51' 3"	40' 8"	35' 6"	32' 3"	28' 2"	23' 9"	28' 2"	24' 7"	20' 9"	25' 7"	22' 4"	18' 10"	23' 8"	20' 9"	17' 6"	21' 4"	19' 7"	16' 6"
	50	16	46' 7"	37' 0"	32' 3"	29' 3"	25' 7"	21' 7"	25' 7"	22' 4"	18' 10"	22' 10"	20' 3"	17' 2"	20' 2"	18' 10"	15' 10"	18' 2"	17' 9"	15' 0"
	50	24	38' 6"	32' 3"	28' 2"	25' 7"	22' 4"	18' 10"	21' 4"	19' 7"	16' 6"	18' 2"	17' 9"	15' 0"	16' 0"	16' 0"	13' 10"	14' 4"	14' 4"	13' 1"
362S300-97	50	12	57' 8"	45' 9"	40' 0"	36' 3"	31' 8"	26' 9"	31' 8"	27' 8"	23' 4"	28' 9"	25' 2"	21' 2"	26' 9"	23' 4"	19' 8"	25' 2"	22' 0"	18' 7"
	50	16	52' 4"	41' 7"	36' 3"	33' 0"	28' 9"	24' 3"	28' 9"	25' 2"	21' 2"	26' 2"	22' 10"	19' 3"	24' 0"	21' 2"	17' 10"	21' 4"	20' 0"	16' 10"
	50	24	45' 9"	36' 3"	31' 8"	28' 9"	25' 2"	21' 2"	25' 2"	22' 0"	18' 7"	21' 4"	20' 0"	16' 10"	18' 6"	18' 6"	15' 8"	16' 3"	16' 3"	14' 8"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
250S125-33	33	12	6' 7"	6' 7"	6' 7"	6' 1"	6' 1"	6' 1"	5' 9"	5' 9"	5' 9"	5' 6"	5' 6"	5' 6"	5' 2"	5' 2"	5' 2"	5' 0"	5' 0"	5' 0"
	33	16	5' 8"	5' 8"	5' 8"	5' 3"	5' 3"	5' 3"	5' 0"	5' 0"	5' 0"	4' 8"	4' 8"	4' 8"	4' 6"i	4' 6"i	4' 6"i	4' 2"i	4' 2"i	4' 2"i
	33	24	4' 7"	4' 7"	4' 7"	4' 2"i	4' 2"i	4' 2"i	4' 0"i	4' 0"i	4' 0"i	3' 8"i	3' 8"i	3' 8"i	3' 6"i	3' 6"i	3' 6"i	3' 3"i	3' 3"i	3' 3"i
250S125-43	33	12	7' 9"	7' 9"	7' 9"	7' 3"	7' 3"	7' 3"	6' 9"	6' 9"	6' 9"	6' 4"	6' 4"	6' 4"	6' 1"	6' 1"	6' 1"	5' 9"	5' 9"	5' 9"
	33	16	6' 8"	6' 8"	6' 8"	6' 2"	6' 2"	6' 2"	5' 9"	5' 9"	5' 9"	5' 4"	5' 4"	5' 4"	5' 1"	5' 1"	5' 1"	4' 9"	4' 9"	4' 9"
	33	24	5' 2"	5' 2"	5' 2"	4' 9"	4' 9"	4' 9"	4' 6"	4' 6"	4' 6"	4' 2"	4' 2"	4' 2"	3' 10"	3' 10"	3' 10"	3' 8"	3' 8"	3' 8"
250S125-54	50	12	10' 3"	10' 3"	8' 8"	9' 8"	9' 8"	8' 3"	9' 1"	9' 1"	8' 0"	8' 8"	8' 8"	7' 8"	8' 2"	8' 2"	7' 6"	7' 9"	7' 9"	7' 2"
	50	16	9' 0"	9' 0"	7' 10"	8' 4"	8' 4"	7' 6"	7' 9"	7' 9"	7' 2"	7' 3"	7' 3"	7' 0"	6' 10"	6' 10"	6' 9"	6' 7"	6' 7"	6' 7"
	50	24	7' 1"	7' 1"	6' 10"	6' 7"	6' 7"	6' 7"	6' 1"	6' 1"	6' 1"	5' 8"	5' 8"	5' 8"	5' 3"	5' 3"	5' 3"	5' 0"	5' 0"	5' 0"
250S162-33	33	12	8' 0"	8' 0"	8' 0"	7' 4"	7' 4"	7' 4"	6' 10"	6' 10"	6' 10"	6' 6"	6' 6"	6' 6"	6' 1"i	6' 1"i	6' 1"i	5' 9"i	5' 9"i	5' 9"i
	33	16	6' 9"	6' 9"	6' 9"	6' 3"i	6' 3"i	6' 3"i	5' 9"i	5' 9"i	5' 9"i	5' 6"i	5' 6"i	5' 6"i	5' 1"i	5' 1"i	5' 1"i	4' 10"i	4' 10"i	4' 10"i
	33	24	5' 3"i	5' 3"i	5' 3"i	4' 10"i	4' 10"i	4' 10"i	4' 6"i	4' 6"i	4' 6"i	4' 2"i	4' 2"i	4' 2"i	3' 10"a	3' 10"a	3' 10"a	3' 8"a	3' 8"a	3' 8"a
250S162-43	33	12	9' 4"	9' 4"	8' 10"	8' 7"	8' 7"	8' 7"	8' 0"	8' 0"	8' 0"	7' 6"	7' 6"	7' 6"	7' 1"	7' 1"	7' 1"	6' 8"	6' 8"	6' 8"
	33	16	7' 10"	7' 10"	7' 10"	7' 2"	7' 2"	7' 2"	6' 8"	6' 8"	6' 8"	6' 2"	6' 2"	6' 2"	5' 9"	5' 9"	5' 9"	5' 6"	5' 6"	5' 6"
	33	24	6' 0"	6' 0"	6' 0"	5' 6"	5' 6"	5' 6"	5' 1"	5' 1"	5' 1"	4' 8"	4' 8"	4' 8"	4' 4"	4' 4"	4' 4"	4' 1"	4' 1"	4' 1"
250S162-54	50	12	12' 8"	11' 4"	9' 7"	11' 9"	10' 10"	9' 2"	11' 0"	10' 4"	8' 9"	10' 3"	10' 1"	8' 6"	9' 8"	9' 8"	8' 2"	9' 2"	9' 2"	8' 0"
	50	16	10' 8"	10' 3"	8' 8"	9' 10"	9' 10"	8' 3"	9' 2"	9' 2"	8' 0"	8' 7"	8' 7"	7' 8"	8' 0"	8' 0"	7' 6"	7' 7"	7' 7"	7' 3"
	50	24	8' 3"	8' 3"	7' 7"	7' 7"	7' 7"	7' 3"	7' 0"	7' 0"	7' 0"	6' 6"	6' 6"	6' 6"	6' 0"	6' 0"	6' 0"	5' 8"	5' 8"	5' 8"
250S162-68	50	12	13' 9"	12' 1"	10' 2"	12' 8"	11' 7"	9' 9"	11' 8"	11' 1"	9' 4"	11' 0"	10' 9"	9' 1"	10' 3"	10' 3"	8' 9"	9' 8"	9' 8"	8' 6"
	50	16	11' 6"	11' 0"	9' 3"	10' 6"	10' 6"	8' 10"	9' 8"	9' 8"	8' 6"	9' 0"	9' 0"	8' 2"	8' 3"	8' 3"	8' 0"	7' 9"	7' 9"	7' 9"
	50	24	8' 7"	8' 7"	8' 1"	7' 9"	7' 9"	7' 9"	7' 1"	7' 1"	7' 1"	6' 7"	6' 7"	6' 7"	6' 1"	6' 1"	6' 1"	5' 8"	5' 8"	5' 8"
362S125-33	33	12	8' 2"	8' 2"	8' 2"	7' 7"	7' 7"	7' 7"	7' 2"i	7' 2"i	7' 2"i	6' 9"i	6' 9"i	6' 9"i	6' 4"i	6' 4"i	6' 4"i	6' 1"i	6' 1"i	6' 1"i
	33	16	7' 0"i	7' 0"i	7' 0"i	6' 6"i	6' 6"i	6' 6"i	6' 1"i	6' 1"i	6' 1"i	5' 9"i	5' 9"i	5' 9"i	5' 6"i	5' 6"i	5' 6"i	5' 2"a	5' 2"a	5' 2"a
	33	24	5' 7"i	5' 7"i	5' 7"i	5' 2"a	5' 2"a	5' 2"a	4' 9"a	4' 9"a	4' 9"a	4' 6"a	4' 6"a	4' 6"a	4' 3"a	4' 3"a	4' 3"a	4' 1"a	4' 1"a	4' 1"a
362S125-43	33	12	9' 9"	9' 9"	9' 9"	9' 2"	9' 2"	9' 2"	8' 7"	8' 7"	8' 7"	8' 2"	8' 2"	8' 2"	7' 9"	7' 9"	7' 9"	7' 6"	7' 6"	7' 6"
	33	16	8' 6"	8' 6"	8' 6"	7' 10"	7' 10"	7' 10"	7' 6"	7' 6"	7' 6"	7' 1"	7' 1"	7' 1"	6' 8"	6' 8"	6' 8"	6' 4"	6' 4"	6' 4"
	33	24	6' 10"	6' 10"	6' 10"	6' 4"	6' 4"	6' 4"	6' 0"	6' 0"	6' 0"	5' 7"i	5' 7"i	5' 7"i	5' 3"i	5' 3"i	5' 3"i	5' 0"i	5' 0"i	5' 0"i
362S125-54	50	12	13' 0"	13' 0"	11' 7"	12' 2"	12' 2"	11' 1"	11' 6"	11' 6"	10' 8"	10' 10"	10' 10"	10' 3"	10' 4"	10' 4"	10' 0"	10' 0"	10' 0"	9' 8"
	50	16	11' 3"	11' 3"	10' 6"	10' 7"	10' 7"	10' 1"	10' 0"	10' 0"	9' 8"	9' 4"	9' 4"	9' 3"	9' 0"	9' 0"	9' 0"	8' 7"	8' 7"	8' 7"
	50	24	9' 2"	9' 2"	9' 2"	8' 7"	8' 7"	8' 7"	8' 1"	8' 1"	8' 1"	7' 8"	7' 8"	7' 8"	7' 3"	7' 3"	7' 3"	6' 10"	6' 10"	6' 10"
362S162-33	33	12	9' 9"i	9' 9"i	9' 9"i	9' 1"i	9' 1"i	9' 1"i	8' 6"i	8' 6"i	8' 6"i	8' 0"i	8' 0"i	8' 0"i	7' 7"a	7' 7"a	7' 7"a	7' 2"a	7' 2"a	7' 2"a
	33	16	8' 3"i	8' 3"i	8' 3"i	7' 8"i	7' 8"i	7' 8"i	7' 2"a	7' 2"a	7' 2"a	6' 9"a	6' 9"a	6' 9"a	6' 4"a	6' 4"a	6' 4"a	6' 0"a	6' 0"a	6' 0"a
	33	24	6' 7"a	6' 7"a	6' 7"a	6' 0"a	6' 0"a	6' 0"a	5' 7"a	5' 7"a	5' 7"a	5' 2"a	5' 2"a	5' 2"a	4' 10"a	4' 10"a	4' 10"a	4' 7"a	4' 7"a	4' 7"a
362S162-43	33	12	11' 8"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	10' 2"	10' 2"	10' 2"	9' 7"	9' 7"	9' 7"	9' 1"	9' 1"	9' 1"	8' 7"	8' 7"	8' 7"
	33	16	10' 0"	10' 0"	10' 0"	9' 2"	9' 2"	9' 2"	8' 7"	8' 7"	8' 7"	8' 1"	8' 1"	8' 1"	7' 8"i	7' 8"i	7' 8"i	7' 3"i	7' 3"i	7' 3"i
	33	24	7' 10"	7' 10"	7' 10"	7' 3"i	7' 3"i	7' 3"i	6' 9"i	6' 9"i	6' 9"i	6' 3"i	6' 3"i	6' 3"i	6' 0"i	6' 0"i	6' 0"i	5' 7"i	5' 7"i	5' 7"i
362S162-54	50	12	15' 10"	15' 1"	12' 8"	14' 9"	14' 6"	12' 2"	13' 9"	13' 9"	11' 8"	13' 1"	13' 1"	11' 3"	12' 4"	12' 4"	11' 0"	11' 9"	11' 9"	10' 8"
	50	16	13' 7"	13' 7"	11' 7"	12' 7"	12' 7"	11' 1"	11' 9"	11' 9"	10' 8"	11' 1"	11' 1"	10' 3"	10' 6"	10' 6"	10' 0"	10' 0"	10' 0"	9' 8"
	50	24	10' 9"	10' 9"	10' 1"	10' 0"	10' 0"	9' 8"	9' 3"	9' 3"	9' 3"	8' 9"	8' 9"	8' 9"	8' 3"	8' 3"	8' 3"	7' 9"	7' 9"	7' 9"
362S162-68	50	12	17' 9"	16' 2"	13' 7"	16' 7"	15' 6"	13' 0"	15' 6"	14' 10"	12' 6"	14' 7"	14' 4"	12' 1"	13' 9"	13' 9"	11' 8"	13' 1"	13' 1"	11' 4"
	50	16	15' 2"	14' 8"	12' 4"	14' 1"	14' 1"	11' 10"	13' 1"	13' 1"	11' 4"	12' 4"	12' 4"	11' 0"	11' 8"	11' 8"	10' 8"	11' 1"	11' 1"	10' 4"
	50	24	12' 0"	12' 0"	10' 9"	11' 1"	11' 1"	10' 4"	10' 3"	10' 3"	10' 0"	9' 7"	9' 7"	9' 7"	9' 1"	9' 1"	9' 1"	8' 7"	8' 7"	8' 7"
362S162-97	50	12	20' 4"	17' 9"	15' 0"	19' 6"	17' 1"	14' 4"	18' 3"	16' 4"	13' 9"	17' 1"	15' 9"	13' 4"	16' 1"	15' 3"	12' 10"	15' 2"	14' 10"	12' 7"
	50	16	17' 10"	16' 2"	13' 8"	16' 4"	15' 6"	13' 1"	15' 2"	14' 10"	12' 7"	14' 1"	14' 1"	12' 1"	13' 2"	13' 2"	11' 9"	12' 4"	12' 4"	11' 4"
	50	24	13' 8"	13' 8"	11' 10"	12' 4"	12' 4"	11' 4"	11' 4"	11' 4"	11' 0"	10' 7"	10' 7"	10' 7"	9' 9"	9' 9"	9' 9"	9' 2"	9' 2"	9' 2"
362S200-33	33	12	10' 2"i	10' 2"i	10' 2"i	9' 6"i	9' 6"i	9' 6"i	8' 10"i	8' 10"i	8' 10"i	8' 3"a	8' 3"a	8' 3"a	7' 10"a	7' 10"a	7' 10"a	7' 6"a	7' 6"a	7' 6"a
	33	16	8' 8"i	8' 8"i	8' 8"i	8' 0"a	8' 0"a	8' 0"a	7' 6"a	7' 6"a	7' 6"a	7' 0"a	7' 0"a	7' 0"a	6' 7"a	6' 7"a	6' 7"a	6' 3"a	6' 3"a	6' 3"a
	33	24	6' 9"a	6' 9"a	6' 9"a	6' 3"a	6' 3"a	6' 3"a	5' 9"a	5' 9"a	5' 9"a	5' 4"a	5' 4"a	5' 4"a	5' 1"a	5' 1"a	5' 1"a	4' 9"a	4' 9"a	4' 9"a
362S200-43	33	12	12' 4"	12' 4"	12' 4"	11' 6"	11' 6"	11' 6"	10' 9"	10' 9"	10' 9"	10' 2"	10' 2"	10' 2"	9' 7"	9' 7"	9' 7"	9' 1"	9' 1"	9' 1"
	33	16	10' 7"	10' 7"	10' 7"	9' 9"	9' 9"	9' 9"	9' 1"	9' 1"	9' 1"	8' 7"i	8' 7"i	8' 7"i	8' 1"i	8' 1"i	8' 1"i	7' 8"i	7' 8"i	7' 8"i
	33	24	8' 3"i	8' 3"i	8' 3"i	7' 8"i	7' 8"i	7' 8"i	7' 1"i	7' 1"i	7' 1"i	6' 8"i	6' 8"i	6' 8"i	6' 3"i	6' 3"i	6' 3"i	5' 10"a	5' 10"a	5' 10"a
362S200-54	50	12	16' 7"	16' 0"	13' 6"	15' 4"	15' 3"	12' 10"	14' 6"	14' 6"	12' 4"	13' 7"	13' 7"	12' 0"	12' 10"	12' 10"	11' 7"	12' 3"	12' 3"	11' 3"
	50	16	14' 2"	14' 2"	12' 2"	13' 2"	13' 2"	11' 8"	12' 3"	12' 3"	11' 3"	11' 7"	11' 7"	10' 10"	11' 0"	11' 0"	10' 6"	10' 4"	10' 4"	10' 2"
	50	24	11' 3"	11' 3"	10' 8"	10' 4"	10' 4"	10' 2"	9' 8"	9' 8"	9' 8"	9' 1"	9' 1"	9' 1"	8' 7"	8' 7"	8' 7"	8' 1"	8' 1"	8' 1"
362S200-68	50	12	19' 1"	17' 1"	14' 4"	17' 8"	16' 4"	13' 9"	16' 6"	15' 8"	13' 3"	15' 7"	15' 2"	12' 9"	14' 8"	14' 8"	12' 4"	14' 0"	14' 0"	12' 1"
	50	16	16' 2"	15' 6"	13' 1"	15' 0"	14' 10"	12' 6"	14' 0"	14' 0"	12' 1"	13' 1"	13' 1"	11' 7"	12' 4"	12' 4"	11' 3"	11' 8"	11' 8"	11' 0"
	50	24	12' 8"	12' 8"	11' 6"	11' 8"	11' 8"	11' 0"	10' 10"	10' 10"	10' 6"	10' 2"	10' 2"	10' 2"	9' 6"	9' 6"	9' 6"	9' 0"	9' 0"	9' 0"
362S200-97	50	12	21' 8"	18' 10"	16' 0"	20' 8"	18' 1"	15' 3"	19' 3"	17' 4"	14' 8"	18' 0"	16' 9"	14' 2"	16' 10"	16' 3"	13' 8"	15' 10"	15' 9"	13' 3"
	50	16	18' 10"	17' 2"	14' 6"	17' 3"	16' 4"	13' 10"	15' 10"	15' 9"	13' 3"	14' 9"	14' 9"	12' 10"	13' 9"	13' 9"	12' 6"	13' 0"	13' 0"	12' 1"
	50	24	14' 3"	14' 3"	12' 8"	13' 0"	13' 0"	12' 1"	11' 10"	11' 10"	11' 7"	10' 10"	10' 10"	10' 10"	10' 1"	10' 1"	10' 1"	9' 4"	9' 4"	9' 4"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
362S250-33	33	12	10' 7"i	10' 7"i	10' 7"i	9' 9"i	9' 9"i	9' 9"i	9' 1"i	9' 1"i	9' 1"i	8' 7"a	8' 7"a	8' 7"a	8' 1"a	8' 1"a	8' 1"a	7' 8"a	7' 8"a	7' 8"a
	33	16	8' 10"a	8' 10"a	8' 10"a	8' 3"a	8' 3"a	8' 3"a	7' 8"a	7' 8"a	7' 8"a	7' 2"a	7' 2"a	7' 2"a	6' 9"a	6' 9"a	6' 9"a	6' 4"a	6' 4"a	6' 4"a
	33	24	7' 0"a	7' 0"a	7' 0"a	6' 4"a	6' 4"a	6' 4"a	5' 10"a	5' 10"a	5' 10"a	5' 6"a	5' 6"a	5' 6"a	5' 2"a	5' 2"a	5' 2"a	4' 10"a	4' 10"a	4' 10"a
362S250-43	33	12	12' 8"	12' 8"	12' 8"	11' 9"	11' 9"	11' 9"	11' 0"	11' 0"	11' 0"	10' 4"	10' 4"	10' 4"	9' 9"	9' 9"	9' 9"	9' 3"i	9' 3"i	9' 3"i
	33	16	10' 9"	10' 9"	10' 9"	10' 0"	10' 0"	10' 0"	9' 3"i	9' 3"i	9' 3"i	8' 9"i	8' 9"i	8' 9"i	8' 3"i	8' 3"i	8' 3"i	7' 9"i	7' 9"i	7' 9"i
	33	24	8' 6"i	8' 6"i	8' 6"i	7' 9"i	7' 9"i	7' 9"i	7' 3"i	7' 3"i	7' 3"i	6' 9"i	6' 9"i	6' 9"i	6' 4"a	6' 4"a	6' 4"a	6' 0"a	6' 0"a	6' 0"a
362S250-54	50	12	17' 0"	16' 7"	14' 0"	15' 9"	15' 9"	13' 4"	14' 9"	14' 9"	12' 10"	13' 10"	13' 10"	12' 4"	13' 2"	13' 2"	12' 1"	12' 7"	12' 7"	11' 8"
	50	16	14' 6"	14' 6"	12' 8"	13' 4"	13' 4"	12' 2"	12' 7"	12' 7"	11' 8"	11' 9"	11' 9"	11' 3"	11' 2"	11' 2"	11' 0"	10' 7"	10' 7"	10' 7"
	50	24	11' 6"	11' 6"	11' 1"	10' 7"	10' 7"	10' 7"	9' 10"	9' 10"	9' 10"	9' 3"	9' 3"	9' 3"	8' 8"	8' 8"	8' 8"	8' 3"	8' 3"	8' 3"
362S250-68	50	12	19' 3"	18' 0"	15' 2"	17' 10"	17' 2"	14' 6"	16' 9"	16' 7"	14' 0"	15' 9"	15' 9"	13' 6"	14' 10"	14' 10"	13' 1"	14' 2"	14' 2"	12' 8"
	50	16	16' 4"	16' 4"	13' 9"	15' 2"	15' 2"	13' 2"	14' 2"	14' 2"	12' 8"	13' 3"	13' 3"	12' 2"	12' 6"	12' 6"	11' 10"	11' 10"	11' 10"	11' 6"
	50	24	12' 10"	12' 10"	12' 1"	11' 10"	11' 10"	11' 6"	11' 0"	11' 0"	11' 0"	10' 3"	10' 3"	10' 3"	9' 7"	9' 7"	9' 7"	9' 1"	9' 1"	9' 1"
362S250-97	50	12	22' 10"	20' 0"	16' 10"	21' 7"	19' 1"	16' 1"	20' 0"	18' 4"	15' 6"	18' 7"	17' 9"	15' 0"	17' 4"	17' 2"	14' 6"	16' 4"	16' 4"	14' 1"
	50	16	19' 6"	18' 2"	15' 3"	17' 9"	17' 4"	14' 8"	16' 4"	16' 4"	14' 1"	15' 2"	15' 2"	13' 7"	14' 2"	14' 2"	13' 2"	13' 3"	13' 3"	12' 9"
	50	24	14' 8"	14' 8"	13' 4"	13' 3"	13' 3"	12' 9"	12' 1"	12' 1"	12' 1"	11' 1"	11' 1"	11' 1"	10' 3"	10' 3"	10' 3"	9' 7"	9' 7"	9' 7"
362S300-33	33	12	10' 8"i	10' 8"i	10' 8"i	9' 10"i	9' 10"i	9' 10"i	9' 3"a	9' 3"a	9' 3"a	8' 8"a	8' 8"a	8' 8"a	8' 2"a	8' 2"a	8' 2"a	7' 9"a	7' 9"a	7' 9"a
	33	16	9' 1"a	9' 1"a	9' 1"a	8' 4"a	8' 4"a	8' 4"a	7' 9"a	7' 9"a	7' 9"a	7' 3"a	7' 3"a	7' 3"a	6' 10"a	6' 10"a	6' 10"a	6' 6"a	6' 6"a	6' 6"a
	33	24	7' 1"a	7' 1"a	7' 1"a	6' 6"a	6' 6"a	6' 6"a	6' 0"a	6' 0"a	6' 0"a	5' 7"a	5' 7"a	5' 7"a	5' 2"a	5' 2"a	5' 2"a	4' 10"a	4' 10"a	4' 10"a
362S300-43	33	12	12' 9"	12' 9"	12' 9"	11' 10"	11' 10"	11' 10"	11' 1"	11' 1"	11' 1"	10' 6"	10' 6"	10' 6"	9' 10"	9' 10"	9' 10"	9' 4"i	9' 4"i	9' 4"i
	33	16	10' 10"	10' 10"	10' 10"	10' 1"	10' 1"	10' 1"	9' 4"i	9' 4"i	9' 4"i	8' 9"i	8' 9"i	8' 9"i	8' 3"i	8' 3"i	8' 3"i	7' 10"i	7' 10"i	7' 10"i
	33	24	8' 7"i	8' 7"i	8' 7"i	7' 10"i	7' 10"i	7' 10"i	7' 3"i	7' 3"i	7' 3"i	6' 9"i	6' 9"i	6' 9"i	6' 4"a	6' 4"a	6' 4"a	6' 1"a	6' 1"a	6' 1"a
362S300-54	50	12	17' 2"	17' 1"	14' 4"	16' 0"	16' 0"	13' 9"	15' 0"	15' 0"	13' 3"	14' 1"	14' 1"	12' 9"	13' 4"	13' 4"	12' 4"	12' 8"	12' 8"	12' 0"
	50	16	14' 8"	14' 8"	13' 1"	13' 7"	13' 7"	12' 6"	12' 8"	12' 8"	12' 0"	12' 0"	12' 0"	11' 7"	11' 3"	11' 3"	11' 3"	10' 8"	10' 8"	10' 8"
	50	24	11' 7"	11' 7"	11' 4"	10' 8"	10' 8"	10' 8"	10' 0"	10' 0"	10' 0"	9' 4"	9' 4"	9' 4"	8' 9"	8' 9"	8' 9"	8' 3"	8' 3"	8' 3"
362S300-68	50	12	19' 8"	18' 7"	15' 8"	18' 2"	17' 9"	15' 0"	17' 0"	17' 0"	14' 4"	16' 0"	16' 0"	13' 10"	15' 2"	15' 2"	13' 6"	14' 4"	14' 4"	13' 1"
	50	16	16' 8"	16' 8"	14' 2"	15' 4"	15' 4"	13' 7"	14' 4"	14' 4"	13' 1"	13' 6"	13' 6"	12' 7"	12' 8"	12' 8"	12' 2"	12' 0"	12' 0"	11' 10"
	50	24	13' 1"	13' 1"	12' 4"	12' 0"	12' 0"	11' 10"	11' 2"	11' 2"	11' 2"	10' 4"	10' 4"	10' 4"	9' 9"	9' 9"	9' 9"	9' 2"	9' 2"	9' 2"
362S300-97	50	12	23' 3"	20' 10"	17' 7"	21' 4"	20' 0"	16' 10"	19' 9"	19' 2"	16' 2"	18' 6"	18' 6"	15' 8"	17' 3"	17' 3"	15' 2"	16' 3"	16' 3"	14' 8"
	50	16	19' 3"	19' 0"	16' 0"	17' 8"	17' 8"	15' 3"	16' 3"	16' 3"	14' 8"	15' 1"	15' 1"	14' 2"	14' 1"	14' 1"	13' 9"	13' 2"	13' 2"	13' 2"
	50	24	14' 7"	14' 7"	14' 0"	13' 2"	13' 2"	13' 2"	12' 0"	12' 0"	12' 0"	11' 1"	11' 1"	11' 1"	10' 3"	10' 3"	10' 3"	9' 7"	9' 7"	9' 7"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
400S125-33	33	12	22' 9"	22' 9"	22' 9"	16' 2"	16' 2"	16' 2"	13' 2"	13' 2"	13' 2"	11' 4"	11' 4"	11' 4"	10' 2"	10' 2"	10' 2"	9' 3"	9' 3"	9' 3"
	33	16	19' 9"	19' 9"	19' 9"	14' 0"	14' 0"	14' 0"	11' 4"	11' 4"	11' 4"	9' 10"	9' 10"	9' 10"	8' 9"	8' 9"	8' 9"	8' 1"i	8' 1"i	8' 1"i
	33	24	16' 2"	16' 2"	16' 2"	11' 4"	11' 4"	11' 4"	9' 3"	9' 3"	9' 3"	8' 1"i	8' 1"i	8' 1"i	7' 2"i	7' 2"i	7' 2"i	6' 6"i	6' 6"i	6' 6"i
400S125-43	33	12	27' 6"	27' 6"	26' 6"	19' 4"	19' 4"	17' 9"	15' 10"	15' 10"	15' 6"	13' 9"	13' 9"	13' 9"	12' 3"	12' 3"	12' 3"	11' 2"	11' 2"	11' 2"
	33	16	23' 9"	23' 9"	23' 9"	16' 9"	16' 9"	16' 1"	13' 9"	13' 9"	13' 9"	11' 10"	11' 10"	11' 10"	10' 8"	10' 8"	10' 8"	9' 8"	9' 8"	9' 8"
	33	24	19' 4"	19' 4"	19' 4"	13' 9"	13' 9"	13' 9"	11' 2"	11' 2"	11' 2"	9' 8"	9' 8"	9' 8"	8' 8"	8' 8"	8' 8"	7' 10"	7' 10"	7' 10"
400S125-54	50	12	36' 8"	32' 6"	28' 4"	25' 9"	22' 6"	19' 0"	21' 2"	19' 8"	16' 7"	18' 3"	17' 10"	15' 1"	16' 4"	16' 4"	14' 0"	15' 0"	15' 0"	13' 2"
	50	16	31' 9"	29' 6"	25' 9"	22' 6"	20' 6"	17' 3"	18' 3"	17' 10"	15' 1"	15' 10"	15' 10"	13' 8"	14' 2"	14' 2"	12' 8"	13' 0"	13' 0"	12' 0"
	50	24	25' 10"	25' 9"	22' 6"	18' 3"	17' 10"	15' 1"	15' 0"	15' 0"	13' 2"	13' 0"	13' 0"	12' 0"	11' 7"	11' 7"	11' 1"	10' 7"	10' 7"	10' 6"
400S162-33	33	12	28' 9"	28' 9"	26' 9"	20' 3"	20' 3"	17' 10"	16' 4"	16' 4"	15' 8"	14' 1"	14' 1"	14' 1"	12' 7"	12' 7"	12' 7"	11' 4"i	11' 4"i	11' 4"i
	33	16	24' 10"	24' 10"	24' 3"	17' 6"	17' 6"	16' 3"	14' 1"	14' 1"	14' 1"	12' 1"i	12' 1"i	12' 1"i	10' 8"i	10' 8"i	10' 8"i	9' 8"i	9' 8"i	9' 8"i
	33	24	20' 3"	20' 3"	20' 3"	14' 1"	14' 1"	14' 1"	11' 4"i	11' 4"i	11' 4"i	9' 8"i	9' 8"i	9' 8"i	8' 7"a	8' 7"a	8' 7"a	7' 8"a	7' 8"a	7' 8"a
400S162-43	33	12	34' 1"	33' 3"	29' 1"	24' 0"	23' 1"	19' 6"	19' 6"	19' 6"	17' 0"	16' 9"	16' 9"	15' 6"	15' 0"	15' 0"	14' 4"	13' 7"	13' 7"	13' 6"
	33	16	29' 6"	29' 6"	26' 6"	20' 8"	20' 8"	17' 8"	16' 9"	16' 9"	15' 6"	14' 6"	14' 6"	14' 1"	12' 9"	12' 9"	12' 9"	11' 7"	11' 7"	11' 7"
	33	24	24' 0"	24' 0"	23' 1"	16' 9"	16' 9"	15' 6"	13' 7"	13' 7"	13' 6"	11' 7"	11' 7"	11' 7"	10' 3"	10' 3"	10' 3"	9' 3"i	9' 3"i	9' 3"i
400S162-54	50	12	45' 0"	35' 8"	31' 2"	28' 4"	24' 9"	20' 10"	24' 9"	21' 7"	18' 3"	22' 6"	19' 8"	16' 7"	20' 2"	18' 3"	15' 4"	18' 4"	17' 2"	14' 6"
	50	16	39' 3"	32' 6"	28' 4"	25' 9"	22' 6"	19' 0"	22' 6"	19' 8"	16' 7"	19' 7"	17' 10"	15' 1"	17' 4"	16' 7"	14' 0"	15' 9"	15' 7"	13' 2"
	50	24	32' 1"	28' 4"	24' 9"	22' 6"	19' 8"	16' 7"	18' 4"	17' 2"	14' 6"	15' 9"	15' 7"	13' 2"	14' 0"	14' 0"	12' 2"	12' 8"	12' 8"	11' 6"
400S162-68	50	12	48' 2"	38' 2"	33' 4"	30' 4"	26' 6"	22' 4"	26' 6"	23' 2"	19' 6"	24' 1"	21' 0"	17' 8"	22' 4"	19' 6"	16' 6"	21' 0"	18' 4"	15' 6"
	50	16	43' 9"	34' 8"	30' 4"	27' 7"	24' 1"	20' 3"	24' 1"	21' 0"	17' 8"	21' 10"	19' 1"	16' 1"	19' 9"	17' 8"	15' 0"	18' 0"	16' 8"	14' 1"
	50	24	36' 10"	30' 4"	26' 6"	24' 1"	21' 0"	17' 8"	21' 0"	18' 4"	15' 6"	18' 0"	16' 8"	14' 1"	15' 10"	15' 6"	13' 1"	14' 4"	14' 4"	12' 3"
400S162-97	50	12	53' 2"	42' 2"	36' 10"	33' 6"	29' 3"	24' 8"	29' 3"	25' 7"	21' 7"	26' 7"	23' 2"	19' 7"	24' 8"	21' 7"	18' 2"	23' 2"	20' 3"	17' 1"
	50	16	48' 3"	38' 4"	33' 6"	30' 6"	26' 7"	22' 4"	26' 7"	23' 2"	19' 7"	24' 2"	21' 1"	17' 9"	22' 4"	19' 7"	16' 6"	21' 1"	18' 4"	15' 7"
	50	24	42' 2"	33' 6"	29' 3"	26' 7"	23' 2"	19' 7"	23' 2"	20' 3"	17' 1"	21' 1"	18' 4"	15' 7"	19' 4"	17' 1"	14' 4"	17' 4"	16' 1"	13' 7"
400S200-33	33	12	30' 2"	30' 2"	28' 1"	21' 2"	21' 2"	18' 9"	17' 2"	17' 2"	16' 4"	14' 9"	14' 9"	14' 9"	13' 1"i	13' 1"i	13' 1"i	11' 10"i	11' 10"i	11' 10"i
	33	16	26' 1"	26' 1"	25' 6"	18' 3"	18' 3"	17' 1"	14' 9"	14' 9"	14' 9"	12' 8"i	12' 8"i	12' 8"i	11' 2"i	11' 2"i	11' 2"i	10' 1"i	10' 1"i	10' 1"i
	33	24	21' 2"	21' 2"	21' 2"	14' 9"	14' 9"	14' 9"	11' 10"i	11' 10"i	11' 10"i	10' 1"i	10' 1"i	10' 1"i	8' 10"a	8' 10"a	8' 10"a	8' 0"a	8' 0"a	8' 0"a
400S200-43	33	12	36' 7"	35' 2"	30' 8"	25' 8"	24' 4"	20' 7"	20' 9"	20' 9"	18' 0"	17' 10"	17' 10"	16' 3"	16' 0"	16' 0"	15' 2"	14' 6"	14' 6"	14' 3"
	33	16	31' 7"	31' 7"	27' 10"	22' 2"	22' 2"	18' 8"	17' 10"	17' 10"	16' 3"	15' 4"	15' 4"	14' 9"	13' 8"	13' 8"	13' 8"	12' 4"	12' 4"	12' 4"
	33	24	25' 8"	25' 8"	24' 4"	17' 10"	17' 10"	16' 3"	14' 6"	14' 6"	14' 3"	12' 4"	12' 4"	12' 4"	10' 10"	10' 10"	10' 10"	9' 10"i	9' 10"i	9' 10"i
400S200-54	50	12	47' 6"	37' 8"	33' 0"	29' 10"	26' 2"	22' 1"	26' 2"	22' 9"	19' 3"	23' 9"	20' 9"	17' 6"	21' 2"	19' 3"	16' 3"	19' 2"	18' 1"	15' 3"
	50	16	41' 8"	34' 3"	29' 10"	27' 2"	23' 9"	20' 0"	23' 9"	20' 9"	17' 6"	20' 6"	18' 10"	15' 10"	18' 2"	17' 6"	14' 9"	16' 6"	16' 6"	13' 10"
	50	24	34' 0"	29' 10"	26' 2"	23' 9"	20' 9"	17' 6"	19' 2"	18' 1"	15' 3"	16' 6"	16' 6"	13' 10"	14' 7"	14' 7"	12' 10"	13' 2"	13' 2"	12' 1"
400S200-68	50	12	50' 10"	40' 4"	35' 3"	32' 1"	28' 0"	23' 7"	28' 0"	24' 6"	20' 7"	25' 6"	22' 2"	18' 9"	23' 7"	20' 7"	17' 4"	22' 2"	19' 4"	16' 4"
	50	16	46' 3"	36' 8"	32' 1"	29' 1"	25' 6"	21' 6"	25' 6"	22' 2"	18' 9"	23' 1"	20' 2"	17' 0"	21' 2"	18' 9"	15' 9"	19' 2"	17' 8"	14' 10"
	50	24	39' 8"	32' 1"	28' 0"	25' 6"	22' 2"	18' 9"	22' 2"	19' 4"	16' 4"	19' 2"	17' 8"	14' 10"	17' 0"	16' 4"	13' 9"	15' 4"	15' 4"	13' 0"
400S200-97	50	12	56' 4"	44' 8"	39' 1"	35' 6"	31' 0"	26' 2"	31' 0"	27' 1"	22' 10"	28' 2"	24' 7"	20' 9"	26' 2"	22' 10"	19' 3"	24' 7"	21' 6"	18' 1"
	50	16	51' 2"	40' 7"	35' 6"	32' 3"	28' 2"	23' 9"	28' 2"	24' 7"	20' 9"	25' 7"	22' 4"	18' 10"	23' 9"	20' 9"	17' 6"	22' 4"	19' 6"	16' 6"
	50	24	44' 8"	35' 6"	31' 0"	28' 2"	24' 7"	20' 9"	24' 7"	21' 6"	18' 1"	22' 4"	19' 6"	16' 6"	20' 7"	18' 1"	15' 3"	18' 6"	17' 1"	14' 4"
400S250-33	33	12	31' 3"	31' 3"	29' 1"	21' 10"	21' 10"	19' 6"	17' 9"	17' 9"	17' 0"	15' 3"	15' 3"	15' 3"	13' 6"i	13' 6"i	13' 6"i	12' 3"i	12' 3"i	12' 3"i
	33	16	27' 0"	27' 0"	26' 6"	18' 10"	18' 10"	17' 8"	15' 3"	15' 3"	15' 3"	13' 1"i	13' 1"i	13' 1"i	11' 7"i	11' 7"i	11' 7"i	10' 4"a	10' 4"a	10' 4"a
	33	24	21' 10"	21' 10"	21' 10"	15' 3"	15' 3"	15' 3"	12' 3"i	12' 3"i	12' 3"i	10' 4"a	10' 4"a	10' 4"a	9' 2"a	9' 2"a	9' 2"a	8' 3"a	8' 3"a	8' 3"a
400S250-43	33	12	37' 6"	37' 0"	32' 3"	26' 3"	25' 7"	21' 7"	21' 4"	21' 4"	18' 10"	18' 4"	18' 4"	17' 2"	16' 3"	16' 3"	15' 10"	14' 9"	14' 9"	14' 9"
	33	16	32' 4"	32' 4"	29' 3"	22' 8"	22' 8"	19' 7"	18' 4"	18' 4"	17' 2"	15' 9"	15' 9"	15' 7"	14' 0"	14' 0"	14' 0"	12' 8"	12' 8"	12' 8"
	33	24	26' 3"	26' 3"	25' 7"	18' 4"	18' 4"	17' 2"	14' 9"	14' 9"	14' 9"	12' 8"	12' 8"	12' 8"	11' 2"i	11' 2"i	11' 2"i	10' 1"i	10' 1"i	10' 1"i
400S250-54	50	12	49' 4"	39' 2"	34' 2"	31' 1"	27' 2"	22' 10"	27' 2"	23' 8"	20' 0"	24' 4"	21' 7"	18' 2"	21' 8"	20' 0"	16' 10"	19' 8"	18' 9"	15' 10"
	50	16	42' 8"	35' 7"	31' 1"	28' 3"	24' 8"	20' 9"	24' 4"	21' 7"	18' 2"	21' 0"	19' 7"	16' 6"	18' 7"	18' 2"	15' 3"	16' 10"	16' 10"	14' 4"
	50	24	34' 9"	31' 1"	27' 2"	24' 4"	21' 7"	18' 2"	19' 8"	18' 9"	15' 10"	16' 10"	16' 10"	14' 4"	15' 0"	15' 0"	13' 4"	13' 6"	13' 6"	12' 7"
400S250-68	50	12	53' 6"	42' 6"	37' 1"	33' 8"	29' 4"	24' 9"	29' 4"	25' 8"	21' 8"	26' 8"	23' 4"	19' 8"	24' 9"	21' 8"	18' 3"	22' 9"	20' 4"	17' 2"
	50	16	48' 7"	38' 7"	33' 8"	30' 7"	26' 8"	22' 7"	26' 8"	23' 4"	19' 8"	24' 3"	21' 2"	17' 10"	21' 6"	19' 8"	16' 7"	19' 6"	18' 6"	15' 7"
	50	24	40' 3"	33' 8"	29' 4"	26' 8"	23' 4"	19' 8"	22' 9"	20' 4"	17' 2"	19' 6"	18' 6"	15' 7"	17' 3"	17' 2"	14' 6"	15' 7"	15' 7"	13' 8"
400S250-97	50	12	59' 6"	47' 3"	41' 3"	37' 6"	32' 9"	27' 7"	32' 9"	28' 7"	24' 1"	29' 9"	26' 0"	21' 10"	27' 7"	24' 1"	20' 4"	26' 0"	22' 8"	19' 2"
	50	16	54' 1"	42' 10"	37' 6"	34' 1"	29' 9"	25' 1"	29' 9"	26' 0"	21' 10"	27' 1"	23' 7"	19' 10"	25' 1"	21' 10"	18' 6"	23' 7"	20' 7"	17' 4"
	50	24	47' 3"	37' 6"	32' 9"	29' 9"	26' 0"	21' 10"	26' 0"	22' 8"	19' 2"	23' 7"	20' 7"	17' 4"	21' 4"	19' 2"	16' 2"	19' 1"	18' 0"	15' 2"
400S300-33	33	12	31' 10"	31' 10"	30' 0"	22' 4"	22' 4"	20' 1"	18' 1"	18' 1"	17' 6"	15' 6"	15' 6"	15' 6"	13' 9"i	13' 9"i	13' 9"i	12' 6"i	12' 6"i	12' 6"i
	33	16	27' 6"	27' 6"	27' 3"	19' 3"	19' 3"	18' 2"	15' 6"	15' 6"	15' 6"	13' 3"i	13' 3"i	13' 3"i	11' 9"i	11' 9"i	11' 9"i	10' 7"a	10' 7"a	10' 7"a
	33	24	22' 4"	22' 4"	22' 4"	15' 6"	15' 6"	15' 6"	12' 6"i	12' 6"i	12' 6"i	10' 7"a	10' 7"a	10' 7"a	9' 3"a	9' 3"a	9' 3"a	8' 4"a	8' 4"a	8' 4"a

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
400S300-43	33	12	37' 10"	37' 10"	33' 2"	26' 7"	26' 3"	22' 2"	21' 7"	21' 7"	19' 4"	18' 7"	18' 7"	17' 7"	16' 6"	16' 6"	16' 4"	15' 0"	15' 0"	15' 0"
	33	16	32' 8"	32' 8"	30' 2"	22' 10"	22' 10"	20' 2"	18' 7"	18' 7"	17' 7"	15' 10"	15' 10"	15' 10"	14' 1"	14' 1"	14' 1"	12' 9"	12' 9"	12' 9"
	33	24	26' 7"	26' 7"	26' 3"	18' 7"	18' 7"	17' 7"	15' 0"	15' 0"	15' 0"	12' 9"	12' 9"	12' 9"	11' 3"i	11' 3"i	11' 3"i	10' 2"i	10' 2"i	10' 2"i
400S300-54	50	12	50' 1"	40' 3"	35' 2"	32' 0"	27' 10"	23' 6"	27' 10"	24' 4"	20' 7"	24' 8"	22' 2"	18' 8"	22' 0"	20' 7"	17' 3"	20' 0"	19' 4"	16' 3"
	50	16	43' 3"	36' 7"	32' 0"	29' 0"	25' 4"	21' 4"	24' 8"	22' 2"	18' 8"	21' 2"	20' 1"	17' 0"	18' 10"	18' 8"	15' 9"	17' 1"	17' 1"	14' 9"
	50	24	35' 2"	32' 0"	27' 10"	24' 8"	22' 2"	18' 8"	20' 0"	19' 4"	16' 3"	17' 1"	17' 1"	14' 9"	15' 2"	15' 2"	13' 9"	13' 8"	13' 8"	13' 0"
400S300-68	50	12	55' 2"	43' 9"	38' 3"	34' 9"	30' 4"	25' 7"	30' 4"	26' 6"	22' 4"	27' 7"	24' 1"	20' 3"	25' 6"	22' 4"	18' 10"	23' 2"	21' 1"	17' 9"
	50	16	50' 1"	39' 9"	34' 9"	31' 7"	27' 7"	23' 3"	27' 7"	24' 1"	20' 3"	24' 8"	21' 10"	18' 6"	21' 10"	20' 3"	17' 1"	19' 10"	19' 1"	16' 1"
	50	24	41' 1"	34' 9"	30' 4"	27' 7"	24' 1"	20' 3"	23' 2"	21' 1"	17' 9"	19' 10"	19' 1"	16' 1"	17' 7"	17' 7"	15' 0"	15' 10"	15' 10"	14' 1"
400S300-97	50	12	62' 1"	49' 3"	43' 1"	39' 1"	34' 2"	28' 9"	34' 2"	29' 10"	25' 2"	31' 0"	27' 1"	22' 10"	28' 9"	25' 2"	21' 2"	27' 1"	23' 8"	20' 0"
	50	16	56' 4"	44' 9"	39' 1"	35' 6"	31' 0"	26' 2"	31' 0"	27' 1"	22' 10"	28' 2"	24' 7"	20' 9"	26' 2"	22' 10"	19' 3"	24' 2"	21' 6"	18' 2"
	50	24	49' 3"	39' 1"	34' 2"	31' 0"	27' 1"	22' 10"	27' 1"	23' 8"	20' 0"	24' 2"	21' 6"	18' 2"	21' 2"	20' 0"	16' 10"	18' 10"	18' 9"	15' 10"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
400S125-33	33	12	8' 7"	8' 7"	8' 7"	8' 1"i	8' 1"i	8' 1"i	7' 7"i	7' 7"i	7' 7"i	7' 2"i	7' 2"i	7' 2"i	6' 10"i	6' 10"i	6' 10"i	6' 6"i	6' 6"i	6' 6"i
	33	16	7' 6"i	7' 6"i	7' 6"i	7' 0"i	7' 0"i	7' 0"i	6' 6"i	6' 6"i	6' 6"i	6' 2"a	6' 2"a	6' 2"a	5' 9"a	5' 9"a	5' 9"a	5' 7"a	5' 7"a	5' 7"a
	33	24	6' 0"a	6' 0"a	6' 0"a	5' 7"a	5' 7"a	5' 7"a	5' 2"a	5' 2"a	5' 2"a	4' 10"a	4' 10"a	4' 10"a	4' 7"a	4' 7"a	4' 7"a	4' 4"a	4' 4"a	4' 4"a
400S125-43	33	12	10' 4"	10' 4"	10' 4"	9' 8"	9' 8"	9' 8"	9' 2"	9' 2"	9' 2"	8' 8"	8' 8"	8' 8"	8' 3"	8' 3"	8' 3"	7' 10"	7' 10"	7' 10"
	33	16	9' 0"	9' 0"	9' 0"	8' 4"	8' 4"	8' 4"	7' 10"	7' 10"	7' 10"	7' 6"	7' 6"	7' 6"	7' 2"	7' 2"	7' 2"	6' 10"	6' 10"	6' 10"
	33	24	7' 4"	7' 4"	7' 4"	6' 10"	6' 10"	6' 10"	6' 4"i	6' 4"i	6' 4"i	6' 1"i	6' 1"i	6' 1"i	5' 8"i	5' 8"i	5' 8"i	5' 4"i	5' 4"i	5' 4"i
400S125-54	50	12	13' 10"	13' 10"	12' 6"	13' 0"	13' 0"	12' 0"	12' 2"	12' 2"	11' 6"	11' 7"	11' 7"	11' 1"	11' 1"	11' 1"	10' 9"	10' 7"	10' 7"	10' 6"
	50	16	12' 0"	12' 0"	11' 4"	11' 2"	11' 2"	10' 10"	10' 7"	10' 7"	10' 6"	10' 0"	10' 0"	10' 0"	9' 7"	9' 7"	9' 7"	9' 2"	9' 2"	9' 2"
	50	24	9' 9"	9' 9"	9' 9"	9' 2"	9' 2"	9' 2"	8' 7"	8' 7"	8' 7"	8' 2"	8' 2"	8' 2"	7' 9"	7' 9"	7' 9"	7' 6"	7' 6"	7' 6"
400S162-33	33	12	10' 6"i	10' 6"i	10' 6"i	9' 8"i	9' 8"i	9' 8"i	9' 1"a	9' 1"a	9' 1"a	8' 7"a	8' 7"a	8' 7"a	8' 1"a	8' 1"a	8' 1"a	7' 8"a	7' 8"a	7' 8"a
	33	16	8' 10"a	8' 10"a	8' 10"a	8' 3"a	8' 3"a	8' 3"a	7' 8"a	7' 8"a	7' 8"a	7' 3"a	7' 3"a	7' 3"a	6' 10"a	6' 10"a	6' 10"a	6' 6"a	6' 6"a	6' 6"a
	33	24	7' 0"a	7' 0"a	7' 0"a	6' 6"a	6' 6"a	6' 6"a	6' 0"a	6' 0"a	6' 0"a	5' 8"a	5' 8"a	5' 8"a	5' 3"a	5' 3"a	5' 3"a	5' 0"a	5' 0"a	5' 0"a
400S162-43	33	12	12' 6"	12' 6"	12' 6"	11' 7"	11' 7"	11' 7"	10' 10"	10' 10"	10' 10"	10' 3"	10' 3"	10' 3"	9' 9"	9' 9"	9' 9"	9' 3"i	9' 3"i	9' 3"i
	33	16	10' 8"	10' 8"	10' 8"	9' 10"	9' 10"	9' 10"	9' 3"i	9' 3"i	9' 3"i	8' 9"i	8' 9"i	8' 9"i	8' 3"i	8' 3"i	8' 3"i	7' 10"i	7' 10"i	7' 10"i
	33	24	8' 6"i	8' 6"i	8' 6"i	7' 10"i	7' 10"i	7' 10"i	7' 4"i	7' 4"i	7' 4"i	6' 10"a	6' 10"a	6' 10"a	6' 6"a	6' 6"a	6' 6"a	6' 2"a	6' 2"a	6' 2"a
400S162-54	50	12	16' 10"	16' 3"	13' 9"	15' 9"	15' 7"	13' 2"	14' 9"	14' 9"	12' 8"	14' 0"	14' 0"	12' 2"	13' 3"	13' 3"	11' 9"	12' 8"	12' 8"	11' 6"
	50	16	14' 6"	14' 6"	12' 6"	13' 6"	13' 6"	12' 0"	12' 8"	12' 8"	11' 6"	12' 0"	12' 0"	11' 1"	11' 3"	11' 3"	10' 9"	10' 9"	10' 9"	10' 4"
	50	24	11' 7"	11' 7"	10' 10"	10' 9"	10' 9"	10' 4"	10' 1"	10' 1"	10' 0"	9' 6"	9' 6"	9' 6"	9' 0"	9' 0"	9' 0"	8' 6"	8' 6"	8' 6"
400S162-68	50	12	19' 3"	17' 6"	14' 8"	18' 0"	16' 8"	14' 1"	16' 10"	16' 1"	13' 6"	15' 10"	15' 6"	13' 1"	15' 1"	15' 0"	12' 8"	14' 4"	14' 4"	12' 3"
	50	16	16' 7"	15' 10"	13' 4"	15' 4"	15' 2"	12' 9"	14' 4"	14' 4"	12' 3"	13' 7"	13' 7"	11' 10"	12' 10"	12' 10"	11' 6"	12' 3"	12' 3"	11' 2"
	50	24	13' 2"	13' 2"	11' 8"	12' 3"	12' 3"	11' 2"	11' 6"	11' 6"	10' 9"	10' 9"	10' 9"	10' 4"	10' 2"	10' 2"	10' 1"	9' 8"	9' 8"	9' 8"
400S162-97	50	12	22' 1"	19' 3"	16' 3"	21' 1"	18' 4"	15' 7"	20' 3"	17' 8"	15' 0"	19' 4"	17' 1"	14' 4"	18' 4"	16' 7"	14' 0"	17' 4"	16' 1"	13' 7"
	50	16	20' 1"	17' 6"	14' 9"	18' 8"	16' 9"	14' 1"	17' 4"	16' 1"	13' 7"	16' 3"	15' 7"	13' 1"	15' 4"	15' 1"	12' 8"	14' 7"	14' 7"	12' 3"
	50	24	15' 10"	15' 3"	12' 10"	14' 7"	14' 7"	12' 3"	13' 6"	13' 6"	11' 10"	12' 7"	12' 7"	11' 6"	11' 9"	11' 9"	11' 1"	11' 1"	11' 1"	10' 9"
400S200-33	33	12	10' 10"i	10' 10"i	10' 10"i	10' 1"i	10' 1"i	10' 1"i	9' 6"a	9' 6"a	9' 6"a	8' 10"a	8' 10"a	8' 10"a	8' 4"a	8' 4"a	8' 4"a	8' 0"a	8' 0"a	8' 0"a
	33	16	9' 3"a	9' 3"a	9' 3"a	8' 7"a	8' 7"a	8' 7"a	8' 0"a	8' 0"a	8' 0"a	7' 6"a	7' 6"a	7' 6"a	7' 1"a	7' 1"a	7' 1"a	6' 8"a	6' 8"a	6' 8"a
	33	24	7' 3"a	7' 3"a	7' 3"a	6' 8"a	6' 8"a	6' 8"a	6' 3"a	6' 3"a	6' 3"a	5' 10"a	5' 10"a	5' 10"a	5' 6"a	5' 6"a	5' 6"a	5' 2"a	5' 2"a	5' 2"a
400S200-43	33	12	13' 3"	13' 3"	13' 3"	12' 4"	12' 4"	12' 4"	11' 7"	11' 7"	11' 7"	10' 10"	10' 10"	10' 10"	10' 4"i	10' 4"i	10' 4"i	9' 10"i	9' 10"i	9' 10"i
	33	16	11' 4"	11' 4"	11' 4"	10' 7"i	10' 7"i	10' 7"i	9' 10"i	9' 10"i	9' 10"i	9' 3"i	9' 3"i	9' 3"i	8' 9"i	8' 9"i	8' 9"i	8' 4"i	8' 4"i	8' 4"i
	33	24	9' 0"i	9' 0"i	9' 0"i	8' 4"i	8' 4"i	8' 4"i	7' 9"a	7' 9"a	7' 9"a	7' 3"a	7' 3"a	7' 3"a	6' 10"a	6' 10"a	6' 10"a	6' 6"a	6' 6"a	6' 6"a
400S200-54	50	12	17' 8"	17' 2"	14' 6"	16' 6"	16' 6"	13' 10"	15' 6"	15' 6"	13' 4"	14' 7"	14' 7"	12' 10"	13' 10"	13' 10"	12' 6"	13' 2"	13' 2"	12' 1"
	50	16	15' 2"	15' 2"	13' 2"	14' 1"	14' 1"	12' 7"	13' 2"	13' 2"	12' 1"	12' 6"	12' 6"	11' 8"	11' 9"	11' 9"	11' 4"	11' 3"	11' 3"	11' 0"
	50	24	12' 1"	12' 1"	11' 6"	11' 3"	11' 3"	11' 0"	10' 6"	10' 6"	10' 6"	9' 10"	9' 10"	9' 10"	9' 3"	9' 3"	9' 3"	8' 10"	8' 10"	8' 10"
400S200-68	50	12	20' 8"	18' 6"	15' 7"	19' 2"	17' 8"	14' 10"	18' 1"	17' 0"	14' 3"	17' 0"	16' 4"	13' 9"	16' 2"	15' 10"	13' 4"	15' 4"	15' 4"	13' 0"
	50	16	17' 8"	16' 9"	14' 1"	16' 4"	16' 0"	13' 6"	15' 4"	15' 4"	13' 0"	14' 6"	14' 6"	12' 7"	13' 8"	13' 8"	12' 2"	13' 1"	13' 1"	11' 9"
	50	24	14' 1"	14' 1"	12' 4"	13' 1"	13' 1"	11' 9"	12' 2"	12' 2"	11' 4"	11' 6"	11' 6"	11' 0"	10' 9"	10' 9"	10' 7"	10' 3"	10' 3"	10' 3"
400S200-97	50	12	23' 4"	20' 4"	17' 2"	22' 4"	19' 6"	16' 6"	21' 6"	18' 9"	15' 9"	20' 7"	18' 1"	15' 3"	19' 6"	17' 7"	14' 9"	18' 6"	17' 1"	14' 4"
	50	16	21' 2"	18' 7"	15' 8"	19' 9"	17' 9"	15' 0"	18' 6"	17' 1"	14' 4"	17' 3"	16' 6"	13' 10"	16' 3"	16' 0"	13' 6"	15' 4"	15' 4"	13' 1"
	50	24	16' 8"	16' 2"	13' 8"	15' 4"	15' 4"	13' 1"	14' 2"	14' 2"	12' 7"	13' 2"	13' 2"	12' 1"	12' 3"	12' 3"	11' 9"	11' 7"	11' 7"	11' 4"
400S250-33	33	12	11' 3"i	11' 3"i	11' 3"i	10' 4"a	10' 4"a	10' 4"a	9' 9"a	9' 9"a	9' 9"a	9' 2"a	9' 2"a	9' 2"a	8' 8"a	8' 8"a	8' 8"a	8' 3"a	8' 3"a	8' 3"a
	33	16	9' 7"a	9' 7"a	9' 7"a	8' 9"a	8' 9"a	8' 9"a	8' 3"a	8' 3"a	8' 3"a	7' 8"a	7' 8"a	7' 8"a	7' 3"a	7' 3"a	7' 3"a	6' 10"a	6' 10"a	6' 10"a
	33	24	7' 6"a	7' 6"a	7' 6"a	6' 10"a	6' 10"a	6' 10"a	6' 4"a	6' 4"a	6' 4"a	6' 0"a	6' 0"a	6' 0"a	5' 7"a	5' 7"a	5' 7"a	5' 3"a	5' 3"a	5' 3"a
400S250-43	33	12	13' 7"	13' 7"	13' 7"	12' 8"	12' 8"	12' 8"	11' 10"	11' 10"	11' 10"	11' 2"i	11' 2"i	11' 2"i	10' 7"i	10' 7"i	10' 7"i	10' 1"i	10' 1"i	10' 1"i
	33	16	11' 7"	11' 7"	11' 7"	10' 9"i	10' 9"i	10' 9"i	10' 1"i	10' 1"i	10' 1"i	9' 6"i	9' 6"i	9' 6"i	9' 0"i	9' 0"i	9' 0"i	8' 6"i	8' 6"i	8' 6"i
	33	24	9' 2"i	9' 2"i	9' 2"i	8' 6"i	8' 6"i	8' 6"i	7' 10"a	7' 10"a	7' 10"a	7' 4"a	7' 4"a	7' 4"a	7' 0"a	7' 0"a	7' 0"a	6' 7"a	6' 7"a	6' 7"a
400S250-54	50	12	18' 1"	17' 10"	15' 1"	16' 10"	16' 10"	14' 4"	15' 9"	15' 9"	13' 10"	15' 0"	15' 0"	13' 4"	14' 2"	14' 2"	13' 0"	13' 6"	13' 6"	12' 7"
	50	16	15' 6"	15' 6"	13' 8"	14' 4"	14' 4"	13' 1"	13' 6"	13' 6"	12' 7"	12' 9"	12' 9"	12' 2"	12' 1"	12' 1"	11' 9"	11' 6"	11' 6"	11' 6"
	50	24	12' 4"	12' 4"	12' 0"	11' 6"	11' 6"	11' 6"	10' 8"	10' 8"	10' 8"	10' 1"	10' 1"	10' 1"	9' 6"	9' 6"	9' 6"	9' 0"	9' 0"	9' 0"
400S250-68	50	12	21' 0"	19' 4"	16' 4"	19' 6"	18' 6"	15' 7"	18' 3"	17' 9"	15' 0"	17' 3"	17' 2"	14' 6"	16' 4"	16' 4"	14' 1"	15' 7"	15' 7"	13' 8"
	50	16	18' 0"	17' 7"	14' 10"	16' 8"	16' 8"	14' 2"	15' 7"	15' 7"	13' 8"	14' 8"	14' 8"	13' 2"	13' 10"	13' 10"	12' 9"	13' 2"	13' 2"	12' 4"
	50	24	14' 3"	14' 3"	13' 0"	13' 2"	13' 2"	12' 4"	12' 4"	12' 4"	11' 10"	11' 7"	11' 7"	11' 6"	10' 10"	10' 10"	10' 10"	10' 4"	10' 4"	10' 4"
400S250-97	50	12	24' 8"	21' 7"	18' 2"	23' 7"	20' 7"	17' 4"	22' 8"	19' 9"	16' 8"	21' 4"	19' 2"	16' 2"	20' 1"	18' 7"	15' 8"	19' 1"	18' 0"	15' 2"
	50	16	22' 3"	19' 7"	16' 6"	20' 6"	18' 9"	15' 9"	19' 1"	18' 0"	15' 2"	17' 9"	17' 4"	14' 8"	16' 9"	16' 9"	14' 2"	15' 9"	15' 9"	13' 9"
	50	24	17' 3"	17' 1"	14' 4"	15' 9"	15' 9"	13' 9"	14' 7"	14' 7"	13' 3"	13' 7"	13' 7"	12' 9"	12' 8"	12' 8"	12' 4"	11' 10"	11' 10"	11' 10"
400S300-33	33	12	11' 6"i	11' 6"i	11' 6"i	10' 7"a	10' 7"a	10' 7"a	9' 10"a	9' 10"a	9' 10"a	9' 3"a	9' 3"a	9' 3"a	8' 9"a	8' 9"a	8' 9"a	8' 4"a	8' 4"a	8' 4"a
	33	16	9' 8"a	9' 8"a	9' 8"a	9' 0"a	9' 0"a	9' 0"a	8' 4"a	8' 4"a	8' 4"a	7' 10"a	7' 10"a	7' 10"a	7' 4"a	7' 4"a	7' 4"a	7' 0"a	7' 0"a	7' 0"a
	33	24	7' 7"a	7' 7"a	7' 7"a	7' 0"a	7' 0"a	7' 0"a	6' 6"a	6' 6"a	6' 6"a	6' 1"a	6' 1"a	6' 1"a	5' 8"a	5' 8"a	5' 8"a	5' 4"a	5' 4"a	5' 4"a

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
400S300-43	33	12	13' 9"	13' 9"	13' 9"	12' 9"	12' 9"	12' 9"	12' 0"	12' 0"	12' 0"	11' 3"i	11' 3"i	11' 3"i	10' 8"i	10' 8"i	10' 8"i	10' 2"i	10' 2"i	10' 2"i
	33	16	11' 8"	11' 8"	11' 8"	10' 10"i	10' 10"i	10' 10"i	10' 2"i	10' 2"i	10' 2"i	9' 7"i	9' 7"i	9' 7"i	9' 1"i	9' 1"i	9' 1"i	8' 7"a	8' 7"a	8' 7"a
	33	24	9' 3"i	9' 3"i	9' 3"i	8' 7"a	8' 7"a	8' 7"a	8' 0"a	8' 0"a	8' 0"a	7' 6"a	7' 6"a	7' 6"a	7' 1"a	7' 1"a	7' 1"a	6' 8"a	6' 8"a	6' 8"a
400S300-54	50	12	18' 4"	18' 4"	15' 6"	17' 1"	17' 1"	14' 9"	16' 0"	16' 0"	14' 3"	15' 2"	15' 2"	13' 9"	14' 4"	14' 4"	13' 3"	13' 8"	13' 8"	13' 0"
	50	16	15' 8"	15' 8"	14' 1"	14' 7"	14' 7"	13' 6"	13' 8"	13' 8"	13' 0"	12' 10"	12' 10"	12' 6"	12' 2"	12' 2"	12' 1"	11' 7"	11' 7"	11' 7"
	50	24	12' 7"	12' 7"	12' 3"	11' 7"	11' 7"	11' 7"	10' 10"	10' 10"	10' 10"	10' 2"	10' 2"	10' 2"	9' 7"	9' 7"	9' 7"	9' 1"	9' 1"	9' 1"
400S300-68	50	12	21' 4"	20' 0"	16' 10"	19' 10"	19' 1"	16' 1"	18' 7"	18' 4"	15' 6"	17' 7"	17' 7"	15' 0"	16' 8"	16' 8"	14' 6"	15' 10"	15' 10"	14' 1"
	50	16	18' 3"	18' 2"	15' 3"	17' 0"	17' 0"	14' 8"	15' 10"	15' 10"	14' 1"	15' 0"	15' 0"	13' 7"	14' 2"	14' 2"	13' 2"	13' 6"	13' 6"	12' 9"
	50	24	14' 6"	14' 6"	13' 4"	13' 6"	13' 6"	12' 9"	12' 6"	12' 6"	12' 3"	11' 9"	11' 9"	11' 9"	11' 1"	11' 1"	11' 1"	10' 6"	10' 6"	10' 6"
400S300-97	50	12	25' 9"	22' 6"	19' 0"	24' 2"	21' 6"	18' 2"	22' 7"	20' 8"	17' 6"	21' 2"	20' 0"	16' 10"	20' 0"	19' 4"	16' 3"	18' 10"	18' 9"	15' 10"
	50	16	22' 1"	20' 4"	17' 2"	20' 3"	19' 7"	16' 6"	18' 10"	18' 9"	15' 10"	17' 8"	17' 8"	15' 3"	16' 7"	16' 7"	14' 9"	15' 8"	15' 8"	14' 4"
	50	24	17' 1"	17' 1"	15' 1"	15' 8"	15' 8"	14' 4"	14' 6"	14' 6"	13' 10"	13' 6"	13' 6"	13' 4"	12' 7"	12' 7"	12' 7"	11' 9"	11' 9"	11' 9"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
600S125-33	33	12	28' 7"	28' 7"	28' 7"	20' 2"	20' 2"	20' 2"	16' 6"	16' 6"	16' 6"	14' 3"	14' 3"	14' 3"	12' 9"i	12' 9"i	12' 9"i	11' 8"i	11' 8"i	11' 8"i
	33	16	24' 9"	24' 9"	24' 9"	17' 6"	17' 6"	17' 6"	14' 3"	14' 3"	14' 3"	12' 4"i	12' 4"i	12' 4"i	11' 1"i	11' 1"i	11' 1"i	10' 1"a	10' 1"a	10' 1"a
	33	24	20' 2"	20' 2"	20' 2"	14' 3"	14' 3"	14' 3"	11' 8"i	11' 8"i	11' 8"i	10' 1"a	10' 1"a	10' 1"a	9' 0"a	9' 0"a	9' 0"a	8' 3"a	8' 3"a	8' 3"a
600S125-43	33	12	34' 9"	34' 9"	34' 9"	24' 7"	24' 7"	24' 7"	20' 1"	20' 1"	20' 1"	17' 4"	17' 4"	17' 4"	15' 7"	15' 7"	15' 7"	14' 2"	14' 2"	14' 2"
	33	16	30' 2"	30' 2"	30' 2"	21' 3"	21' 3"	21' 3"	17' 4"	17' 4"	17' 4"	15' 1"	15' 1"	15' 1"	13' 6"	13' 6"	13' 6"	12' 3"	12' 3"	12' 3"
	33	24	24' 7"	24' 7"	24' 7"	17' 4"	17' 4"	17' 4"	14' 2"	14' 2"	14' 2"	12' 3"	12' 3"	12' 3"	11' 0"i	11' 0"i	11' 0"i	10' 1"i	10' 1"i	10' 1"i
600S125-54	50	12	46' 8"	45' 1"	39' 4"	33' 1"	31' 3"	26' 4"	27' 0"	27' 0"	23' 1"	23' 4"	23' 4"	21' 0"	20' 10"	20' 10"	19' 6"	19' 1"	19' 1"	18' 3"
	50	16	40' 6"	40' 6"	35' 9"	28' 7"	28' 4"	24' 0"	23' 4"	23' 4"	21' 0"	20' 2"	20' 2"	19' 0"	18' 1"	18' 1"	17' 8"	16' 6"	16' 6"	16' 6"
	50	24	33' 1"	33' 1"	31' 3"	23' 4"	23' 4"	21' 0"	19' 1"	19' 1"	18' 3"	16' 6"	16' 6"	16' 6"	14' 9"	14' 9"	14' 9"	13' 6"	13' 6"	13' 6"
600S162-33	33	12	36' 1"	36' 1"	36' 1"	25' 6"	25' 6"	24' 7"	20' 9"i	20' 9"i	20' 9"i	18' 0"i	18' 0"i	18' 0"i	16' 1"a	16' 1"a	16' 1"a	14' 8"a	14' 8"a	14' 8"a
	33	16	31' 2"	31' 2"	31' 2"	22' 1"	22' 1"	22' 1"	18' 0"i	18' 0"i	18' 0"i	15' 7"a	15' 7"a	15' 7"a	14' 0"a	14' 0"a	14' 0"a	12' 8"a	12' 8"a	12' 8"a
	33	24	25' 6"	25' 6"	25' 6"	18' 0"i	18' 0"i	18' 0"i	14' 8"a	14' 8"a	14' 8"a	12' 8"a	12' 8"a	12' 8"a	11' 4"a	11' 4"a	11' 4"a	10' 1"a	10' 1"a	10' 1"a
600S162-43	33	12	43' 1"	43' 1"	40' 0"	30' 6"	30' 6"	26' 9"	24' 10"	24' 10"	23' 4"	21' 7"	21' 7"	21' 3"	19' 3"	19' 3"	19' 3"	17' 7"	17' 7"	17' 7"
	33	16	37' 3"	37' 3"	36' 4"	26' 4"	26' 4"	24' 3"	21' 7"	21' 7"	21' 3"	18' 8"	18' 8"	18' 8"	16' 8"i	16' 8"i	16' 8"i	15' 2"i	15' 2"i	15' 2"i
	33	24	30' 6"	30' 6"	30' 6"	21' 7"	21' 7"	21' 3"	17' 7"	17' 7"	17' 7"	15' 2"i	15' 2"i	15' 2"i	13' 7"a	13' 7"a	13' 7"a	12' 4"a	12' 4"a	12' 4"a
600S162-54	50	12	57' 4"	49' 2"	42' 10"	39' 0"	34' 1"	28' 9"	33' 1"	29' 9"	25' 1"	28' 8"	27' 1"	22' 9"	25' 8"	25' 1"	21' 2"	23' 4"	23' 4"	19' 10"
	50	16	49' 8"	44' 8"	39' 0"	35' 1"	31' 0"	26' 1"	28' 8"	27' 1"	22' 9"	24' 10"	24' 7"	20' 8"	22' 2"	22' 2"	19' 2"	20' 3"	20' 3"	18' 1"
	50	24	40' 7"	39' 0"	34' 1"	28' 8"	27' 1"	22' 9"	23' 4"	23' 4"	19' 10"	20' 3"	20' 3"	18' 1"	18' 1"	18' 1"	16' 9"	16' 7"	16' 7"	15' 9"
600S162-68	50	12	66' 4"	52' 8"	46' 0"	41' 9"	36' 6"	30' 9"	36' 6"	31' 10"	26' 10"	33' 2"	29' 0"	24' 6"	29' 9"	26' 10"	22' 8"	27' 2"	25' 3"	21' 4"
	50	16	57' 8"	47' 10"	41' 9"	38' 0"	33' 2"	28' 0"	33' 2"	29' 0"	24' 6"	28' 10"	26' 4"	22' 2"	25' 9"	24' 6"	20' 7"	23' 7"	23' 0"	19' 4"
	50	24	47' 1"	41' 9"	36' 6"	33' 2"	29' 0"	24' 6"	27' 2"	25' 3"	21' 4"	23' 7"	23' 0"	19' 4"	21' 1"	21' 1"	18' 0"	19' 2"	19' 2"	17' 0"
600S162-97	50	12	73' 7"	58' 4"	51' 0"	46' 4"	40' 6"	34' 2"	40' 6"	35' 4"	29' 9"	36' 9"	32' 1"	27' 1"	34' 2"	29' 9"	25' 2"	32' 1"	28' 1"	23' 8"
	50	16	66' 10"	53' 1"	46' 4"	42' 1"	36' 9"	31' 0"	36' 9"	32' 1"	27' 1"	33' 4"	29' 2"	24' 7"	31' 0"	27' 1"	22' 10"	29' 2"	25' 6"	21' 6"
	50	24	58' 3"	46' 4"	40' 6"	36' 9"	32' 1"	27' 1"	32' 1"	28' 1"	23' 8"	29' 2"	25' 6"	21' 6"	26' 1"	23' 8"	20' 0"	23' 9"	22' 3"	18' 9"
600S200-33	33	12	38' 7"	38' 7"	38' 4"	27' 3"	27' 3"	25' 8"	22' 3"i	22' 3"i	22' 3"i	19' 3"a	19' 3"a	19' 3"a	17' 3"a	17' 3"a	17' 3"a	15' 9"a	15' 9"a	15' 9"a
	33	16	33' 4"	33' 4"	33' 4"	23' 7"i	23' 7"i	23' 3"i	19' 3"a	19' 3"a	19' 3"a	16' 8"a	16' 8"a	16' 8"a	14' 10"a	14' 10"a	14' 10"a	13' 4"a	13' 4"a	13' 4"a
	33	24	27' 3"	27' 3"	27' 3"	19' 3"a	19' 3"a	19' 3"a	15' 9"a	15' 9"a	15' 9"a	13' 4"a	13' 4"a	13' 4"a	11' 8"a	11' 8"a	11' 8"a	10' 4"a	10' 4"a	10' 4"a
600S200-43	33	12	46' 1"	46' 1"	42' 0"	32' 7"	32' 7"	28' 1"	26' 7"	26' 7"	24' 7"	23' 1"	23' 1"	22' 3"	20' 7"	20' 7"	20' 7"	18' 9"i	18' 9"i	18' 9"i
	33	16	39' 10"	39' 10"	38' 2"	28' 2"	28' 2"	25' 7"	23' 1"	23' 1"	22' 3"	20' 0"	20' 0"	20' 0"	17' 10"i	17' 10"i	17' 10"i	16' 3"a	16' 3"a	16' 3"a
	33	24	32' 7"	32' 7"	32' 7"	23' 1"	23' 1"	22' 3"	18' 9"i	18' 9"i	18' 9"i	16' 3"a	16' 3"a	16' 3"a	14' 7"a	14' 7"a	14' 7"a	13' 3"a	13' 3"a	13' 3"a
600S200-54	50	12	61' 3"	51' 8"	45' 1"	41' 0"	35' 9"	30' 2"	35' 4"	31' 3"	26' 4"	30' 8"	28' 4"	24' 0"	27' 4"	26' 4"	22' 3"	25' 0"	24' 9"	20' 10"
	50	16	53' 1"	46' 10"	41' 0"	37' 3"	32' 6"	27' 4"	30' 8"	28' 4"	24' 0"	26' 7"	25' 9"	21' 9"	23' 9"	23' 9"	20' 2"	21' 8"	21' 8"	19' 0"
	50	24	43' 4"	41' 0"	35' 9"	30' 8"	28' 4"	24' 0"	25' 0"	24' 9"	20' 10"	21' 8"	21' 8"	19' 0"	19' 4"	19' 4"	17' 8"	17' 8"	17' 8"	16' 7"
600S200-68	50	12	69' 9"	55' 4"	48' 4"	44' 0"	38' 4"	32' 4"	38' 4"	33' 7"	28' 3"	34' 10"	30' 6"	25' 8"	31' 10"	28' 3"	23' 10"	29' 1"	26' 7"	22' 6"
	50	16	61' 8"	50' 4"	44' 0"	40' 0"	34' 10"	29' 6"	34' 10"	30' 6"	25' 8"	30' 9"	27' 8"	23' 4"	27' 7"	25' 8"	21' 8"	25' 2"	24' 2"	20' 4"
	50	24	50' 4"	44' 0"	38' 4"	34' 10"	30' 6"	25' 8"	29' 1"	26' 7"	22' 6"	25' 2"	24' 2"	20' 4"	22' 6"	22' 6"	19' 0"	20' 7"	20' 7"	17' 9"
600S200-97	50	12	77' 6"	61' 6"	53' 9"	48' 9"	42' 8"	36' 0"	42' 8"	37' 3"	31' 4"	38' 9"	33' 10"	28' 7"	36' 0"	31' 4"	26' 6"	33' 10"	29' 7"	25' 0"
	50	16	70' 6"	55' 10"	48' 9"	44' 4"	38' 9"	32' 8"	38' 9"	33' 10"	28' 7"	35' 2"	30' 9"	26' 0"	32' 8"	28' 7"	24' 1"	30' 9"	26' 10"	22' 8"
	50	24	61' 6"	48' 9"	42' 8"	38' 9"	33' 10"	28' 7"	33' 10"	29' 7"	25' 0"	30' 9"	26' 10"	22' 8"	28' 0"	25' 0"	21' 0"	25' 7"	23' 6"	19' 9"
600S250-33	33	12	39' 6"	39' 6"	39' 6"	27' 10"	27' 10"	26' 7"	22' 9"i	22' 9"i	22' 9"i	19' 8"a	19' 8"a	19' 8"a	17' 7"a	17' 7"a	17' 7"a	16' 1"a	16' 1"a	16' 1"a
	33	16	34' 2"	34' 2"	34' 2"	24' 2"i	24' 2"i	24' 2"i	19' 8"a	19' 8"a	19' 8"a	17' 1"a	17' 1"a	17' 1"a	15' 2"a	15' 2"a	15' 2"a	13' 7"a	13' 7"a	13' 7"a
	33	24	27' 10"	27' 10"	27' 10"	19' 8"a	19' 8"a	19' 8"a	16' 1"a	16' 1"a	16' 1"a	13' 7"a	13' 7"a	13' 7"a	11' 10"a	11' 10"a	11' 10"a	10' 7"a	10' 7"a	10' 7"a
600S250-43	33	12	47' 4"	47' 4"	43' 10"	33' 6"	33' 6"	29' 4"	27' 3"	27' 3"	25' 8"	23' 8"	23' 8"	23' 3"	21' 2"	21' 2"	21' 2"	19' 3"i	19' 3"i	19' 3"i
	33	16	41' 0"	41' 0"	39' 10"	29' 0"	29' 0"	26' 8"	23' 8"	23' 8"	23' 3"	20' 6"i	20' 6"i	20' 6"i	18' 3"i	18' 3"i	18' 3"i	16' 8"a	16' 8"a	16' 8"a
	33	24	33' 6"	33' 6"	33' 6"	23' 8"	23' 8"	23' 3"	19' 3"i	19' 3"i	19' 3"i	16' 8"a	16' 8"a	16' 8"a	15' 0"a	15' 0"a	15' 0"a	13' 8"a	13' 8"a	13' 8"a
600S250-54	50	12	62' 10"	53' 4"	46' 7"	42' 4"	37' 0"	31' 2"	36' 3"	32' 3"	27' 3"	31' 4"	29' 4"	24' 9"	28' 1"	27' 3"	23' 0"	25' 8"	25' 8"	21' 7"
	50	16	54' 4"	48' 6"	42' 4"	38' 6"	33' 7"	28' 4"	31' 4"	29' 4"	24' 9"	27' 2"	26' 8"	22' 6"	24' 3"	24' 3"	20' 10"	22' 2"	22' 2"	19' 8"
	50	24	44' 4"	42' 4"	37' 0"	31' 4"	29' 4"	24' 9"	25' 8"	25' 8"	21' 7"	22' 2"	22' 2"	19' 8"	19' 10"	19' 10"	18' 3"	18' 1"	18' 1"	17' 2"
600S250-68	50	12	72' 10"	57' 10"	50' 7"	45' 10"	40' 1"	33' 9"	40' 1"	35' 1"	29' 7"	36' 6"	31' 9"	26' 10"	32' 9"	29' 7"	24' 10"	29' 10"	27' 9"	23' 6"
	50	16	63' 4"	52' 7"	45' 10"	41' 8"	36' 6"	30' 8"	36' 6"	31' 9"	26' 10"	31' 8"	28' 10"	24' 4"	28' 4"	26' 10"	22' 8"	25' 10"	25' 3"	21' 3"
	50	24	51' 9"	45' 10"	40' 1"	36' 6"	31' 9"	26' 10"	29' 10"	27' 9"	23' 6"	25' 10"	25' 3"	21' 3"	23' 2"	23' 2"	19' 9"	21' 1"	21' 1"	18' 7"
600S250-97	50	12	81' 4"	64' 7"	56' 6"	51' 3"	44' 9"	37' 9"	44' 9"	39' 1"	33' 0"	40' 8"	35' 7"	30' 0"	37' 9"	33' 0"	27' 9"	35' 7"	31' 1"	26' 2"
	50	16	74' 0"	58' 8"	51' 3"	46' 7"	40' 8"	34' 3"	40' 8"	35' 7"	30' 0"	37' 0"	32' 3"	27' 3"	34' 3"	30' 0"	25' 3"	32' 3"	28' 2"	23' 9"
	50	24	64' 7"	51' 3"	44' 9"	40' 8"	35' 7"	30' 0"	35' 7"	31' 1"	26' 2"	32' 3"	28' 2"	23' 9"	29' 1"	26' 2"	22' 1"	26' 6"	24' 8"	20' 9"
600S300-33	33	12	40' 0"	40' 0"	40' 0"	28' 3"	28' 3"	27' 3"	23' 1"i	23' 1"i	23' 1"i	20' 0"a	20' 0"a	20' 0"a	17' 10"a	17' 10"a	17' 10"a	16' 3"a	16' 3"a	16' 3"a
	33	16	34' 8"	34' 8"	34' 8"	24' 6"i	24' 6"i	24' 6"i	20' 0"a	20' 0"a	20' 0"a	17' 3"a	17' 3"a	17' 3"a	15' 3"a	15' 3"a	15' 3"a	13' 8"a	13' 8"a	13' 8"a
	33	24	28' 3"	28' 3"	28' 3"	20' 0"a	20' 0"a	20' 0"a	16' 3"a	16' 3"a	16' 3"a	13' 8"a	13' 8"a	13' 8"a	12' 0"a	12' 0"a	12' 0"a	10' 8"a	10' 8"a	10' 8"a
600S300-43	33	12	48' 2"	48' 2"	45' 0"	34' 1"	34' 1"	30' 1"	27' 9"	27' 9"	26' 3"	24' 1"	24' 1"	23' 10"	21' 6"	21' 6"	21' 6"	19' 8"i	19' 8"i	19' 8"i
	33	16	41' 8"	41' 8"	40' 10"	29' 6"	29' 6"	27' 4"	24' 1"	24' 1"	23' 10"	20' 10"i	20' 10"i	20' 10"i	18' 8"i	18' 8"i	18' 8"i	17' 0"a	17' 0"a	17' 0"a
	33	24	34' 1"	34' 1"	34' 1"	24' 1"	24' 1"	23' 10"	19' 8"i	19' 8"i	19' 8"i	17' 0"a	17' 0"a	17' 0"a	15' 2"a	15' 2"a	15' 2"a	13' 10"a	13' 10"a	13' 10"a
600S300-54	50	12	63' 10"	54' 8"	47' 9"	43' 4"	37' 10"	32' 0"	36' 10"	33' 1"	27' 10"	32' 0"	30' 1"	25' 4"	28' 7"	27' 10"	23' 7"	26' 1"	26' 1"	22' 2"
	50	16	55' 3"	49' 8"	43' 4"	39' 1"	34' 6"	29' 1"	32' 0"	30' 1"	25' 4"	27' 8"	27' 3"	23' 1"	24' 9"	24' 9"	21' 4"	22' 7"	22' 7"	20' 1"
	50	24	45' 2"	43' 4"	37' 10"	32' 0"	30' 1"	25' 4"	26' 1"	26' 1"	22' 2"	22' 7"	22' 7"	20' 1"	20' 2"	20' 2"	18' 8"	18' 4"	18' 4"	17' 7"
600S300-68	50	12	74' 8"	59' 6"	51' 10"	47' 2"	41' 2"	34' 9"	41' 2"	36' 0"	30' 4"	37' 3"	32' 8"	27' 7"	33' 4"	30' 4"	25' 7"	30' 6"	28' 7"	24' 1"
	50	16	64' 8"	54' 0"	47' 2"	42' 10"	37' 6"	31' 7"	37' 3"	32' 8"	27' 7"	32' 3"	29' 8"	25' 1"	28' 10"	27' 7"	23' 3"	26' 4"	26' 0"	21' 10"
	50	24	52' 9"	47' 2"	41' 2"	37' 3"	32' 8"	27' 7"	30' 6"	28' 7"	24' 1"	26' 4"	26' 0"	21' 10"	23' 7"	23' 7"	20' 3"	21' 7"	21' 7"	19' 1"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
600S300-97	50	12	84' 6"	67' 0"	58' 7"	53' 2"	46' 6"	39' 2"	46' 6"	40' 7"	34' 2"	42' 2"	36' 10"	31' 1"	39' 2"	34' 2"	28' 10"	36' 10"	32' 2"	27' 2"
	50	16	76' 8"	60' 10"	53' 2"	48' 3"	42' 2"	35' 7"	42' 2"	36' 10"	31' 1"	38' 4"	33' 6"	28' 3"	35' 7"	31' 1"	26' 2"	33' 3"	29' 3"	24' 8"
	50	24	66' 7"	53' 2"	46' 6"	42' 2"	36' 10"	31' 1"	36' 10"	32' 2"	27' 2"	33' 3"	29' 3"	24' 8"	29' 9"	27' 2"	22' 10"	27' 2"	25' 7"	21' 7"
600S350-54	50	12	71' 1"	57' 9"	50' 6"	45' 10"	40' 1"	33' 9"	40' 1"	35' 0"	29' 6"	35' 6"	31' 9"	26' 9"	31' 9"	29' 6"	24' 10"	29' 0"	27' 9"	23' 6"
	50	16	61' 6"	52' 7"	45' 10"	41' 8"	36' 4"	30' 8"	35' 6"	31' 9"	26' 9"	30' 9"	28' 10"	24' 4"	27' 6"	26' 9"	22' 7"	25' 1"	25' 1"	21' 3"
	50	24	50' 2"	45' 10"	40' 1"	35' 6"	31' 9"	26' 9"	29' 0"	27' 9"	23' 6"	25' 1"	25' 1"	21' 3"	22' 6"	22' 6"	19' 9"	20' 6"	20' 6"	18' 7"
600S350-68	50	12	79' 7"	63' 2"	55' 2"	50' 2"	43' 9"	37' 0"	43' 9"	38' 3"	32' 3"	39' 9"	34' 9"	29' 3"	37' 0"	32' 3"	27' 2"	33' 10"	30' 4"	25' 7"
	50	16	71' 9"	57' 4"	50' 2"	45' 7"	39' 9"	33' 7"	39' 9"	34' 9"	29' 3"	35' 10"	31' 7"	26' 7"	32' 1"	29' 3"	24' 8"	29' 3"	27' 7"	23' 3"
	50	24	58' 7"	50' 2"	43' 9"	39' 9"	34' 9"	29' 3"	33' 10"	30' 4"	25' 7"	29' 3"	27' 7"	23' 3"	26' 2"	25' 7"	21' 7"	23' 10"	23' 10"	20' 3"
600S350-97	50	12	89' 6"	71' 0"	62' 1"	56' 4"	49' 3"	41' 6"	49' 3"	43' 0"	36' 3"	44' 9"	39' 1"	33' 0"	41' 6"	36' 3"	30' 7"	39' 1"	34' 2"	28' 9"
	50	16	81' 3"	64' 6"	56' 4"	51' 2"	44' 9"	37' 8"	44' 9"	39' 1"	33' 0"	40' 8"	35' 6"	30' 0"	37' 8"	33' 0"	27' 9"	35' 6"	31' 0"	26' 2"
	50	24	71' 0"	56' 4"	49' 3"	44' 9"	39' 1"	33' 0"	39' 1"	34' 2"	28' 9"	35' 6"	31' 0"	26' 2"	32' 7"	28' 9"	24' 3"	29' 7"	27' 1"	22' 10"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
600S125-33	33	12	10' 9"i	10' 9"i	10' 9"i	10' 1"a	10' 1"a	10' 1"a	9' 6"a	9' 6"a	9' 6"a	9' 0"a	9' 0"a	9' 0"a	8' 7"a	8' 7"a	8' 7"a	8' 3"a	8' 3"a	8' 3"a
	33	16	9' 4"a	9' 4"a	9' 4"a	8' 9"a	8' 9"a	8' 9"a	8' 3"a	8' 3"a	8' 3"a	7' 9"a	7' 9"a	7' 9"a	7' 6"a	7' 6"a	7' 6"a	7' 2"a	7' 2"a	7' 2"a
	33	24	7' 7"a	7' 7"a	7' 7"a	7' 2"a	7' 2"a	7' 2"a	6' 8"a	6' 8"a	6' 8"a	6' 2"a	6' 2"a	6' 2"a	5' 10"a	5' 10"a	5' 10"a	5' 6"a	5' 6"a	5' 6"a
600S125-43	33	12	13' 2"	13' 2"	13' 2"	12' 3"	12' 3"	12' 3"	11' 7"	11' 7"	11' 7"	11' 0"i	11' 0"i	11' 0"i	10' 6"i	10' 6"i	10' 6"i	10' 1"i	10' 1"i	10' 1"i
	33	16	11' 4"	11' 4"	11' 4"	10' 8"i	10' 8"i	10' 8"i	10' 1"i	10' 1"i	10' 1"i	9' 6"i	9' 6"i	9' 6"i	9' 1"a	9' 1"a	9' 1"a	8' 8"a	8' 8"a	8' 8"a
	33	24	9' 3"a	9' 3"a	9' 3"a	8' 8"a	8' 8"a	8' 8"a	8' 2"a	8' 2"a	8' 2"a	7' 9"a	7' 9"a	7' 9"a	7' 4"a	7' 4"a	7' 4"a	7' 1"a	7' 1"a	7' 1"a
600S125-54	50	12	17' 8"	17' 8"	17' 4"	16' 6"	16' 6"	16' 6"	15' 7"	15' 7"	15' 7"	14' 9"	14' 9"	14' 9"	14' 1"	14' 1"	14' 1"	13' 6"	13' 6"	13' 6"
	50	16	15' 3"	15' 3"	15' 3"	14' 3"	14' 3"	14' 3"	13' 6"	13' 6"	13' 6"	12' 9"	12' 9"	12' 9"	12' 2"	12' 2"	12' 2"	11' 8"	11' 8"	11' 8"
	50	24	12' 6"	12' 6"	12' 6"	11' 8"	11' 8"	11' 8"	11' 0"	11' 0"	11' 0"	10' 6"	10' 6"	10' 6"	10' 0"	10' 0"	10' 0"	9' 6"	9' 6"	9' 6"
600S162-33	33	12	13' 7"a	13' 7"a	13' 7"a	12' 8"a	12' 8"a	12' 8"a	12' 0"a	12' 0"a	12' 0"a	11' 4"a	11' 4"a	11' 4"a	10' 8"a	10' 8"a	10' 8"a	10' 1"a	10' 1"a	10' 1"a
	33	16	11' 9"a	11' 9"a	11' 9"a	10' 10"a	10' 10"a	10' 10"a	10' 1"a	10' 1"a	10' 1"a	9' 6"a	9' 6"a	9' 6"a	8' 10"a	8' 10"a	8' 10"a	8' 4"a	8' 4"a	8' 4"a
	33	24	9' 2"a	9' 2"a	9' 2"a	8' 4"a	8' 4"a	8' 4"a	7' 9"a	7' 9"a	7' 9"a	7' 2"a	7' 2"a	7' 2"a	6' 8"a	6' 8"a	6' 8"a	6' 3"a	6' 3"a	6' 3"a
600S162-43	33	12	16' 3"i	16' 3"i	16' 3"i	15' 2"i	15' 2"i	15' 2"i	14' 4"i	14' 4"i	14' 4"i	13' 7"a	13' 7"a	13' 7"a	13' 0"a	13' 0"a	13' 0"a	12' 4"a	12' 4"a	12' 4"a
	33	16	14' 1"a	14' 1"a	14' 1"a	13' 2"a	13' 2"a	13' 2"a	12' 4"a	12' 4"a	12' 4"a	11' 9"a	11' 9"a	11' 9"a	11' 3"a	11' 3"a	11' 3"a	10' 9"a	10' 9"a	10' 9"a
	33	24	11' 6"a	11' 6"a	11' 6"a	10' 9"a	10' 9"a	10' 9"a	10' 2"a	10' 2"a	10' 2"a	9' 7"a	9' 7"a	9' 7"a	9' 2"a	9' 2"a	9' 2"a	8' 9"a	8' 9"a	8' 9"a
600S162-54	50	12	21' 8"	21' 8"	18' 10"	20' 3"	20' 3"	18' 1"	19' 1"	19' 1"	17' 4"	18' 1"	18' 1"	16' 9"	17' 3"	17' 3"	16' 3"	16' 7"	16' 7"	15' 9"
	50	16	18' 9"	18' 9"	17' 2"	17' 7"	17' 7"	16' 6"	16' 7"	16' 7"	15' 9"	15' 8"	15' 8"	15' 3"	15' 0"	15' 0"	14' 9"	14' 3"	14' 3"	14' 3"
	50	24	15' 3"	15' 3"	15' 0"	14' 3"	14' 3"	14' 3"	13' 6"	13' 6"	13' 6"	12' 9"i	12' 9"i	12' 9"i	12' 2"i	12' 2"i	12' 2"i	11' 8"i	11' 8"i	11' 8"i
600S162-68	50	12	25' 2"	24' 1"	20' 3"	23' 7"	23' 0"	19' 4"	22' 2"	22' 1"	18' 8"	21' 1"	21' 1"	18' 0"	20' 1"	20' 1"	17' 6"	19' 2"	19' 2"	17' 0"
	50	16	21' 9"	21' 9"	18' 4"	20' 4"	20' 4"	17' 7"	19' 2"	19' 2"	17' 0"	18' 3"	18' 3"	16' 4"	17' 4"	17' 4"	15' 10"	16' 8"	16' 8"	15' 4"
	50	24	17' 9"	17' 9"	16' 1"	16' 8"	16' 8"	15' 4"	15' 8"	15' 8"	14' 9"	14' 10"	14' 10"	14' 3"	14' 2"	14' 2"	13' 10"	13' 7"	13' 7"	13' 6"
600S162-97	50	12	30' 6"	26' 8"	22' 6"	29' 2"	25' 6"	21' 6"	27' 6"	24' 6"	20' 8"	26' 1"	23' 8"	20' 0"	24' 10"	22' 10"	19' 4"	23' 9"	22' 3"	18' 9"
	50	16	27' 0"	24' 2"	20' 4"	25' 2"	23' 2"	19' 7"	23' 9"	22' 3"	18' 9"	22' 7"	21' 6"	18' 1"	21' 6"	20' 9"	17' 7"	20' 7"	20' 2"	17' 1"
	50	24	22' 0"	21' 2"	17' 10"	20' 7"	20' 2"	17' 1"	19' 4"	19' 4"	16' 4"	18' 4"	18' 4"	15' 10"	17' 7"	17' 7"	15' 4"	16' 9"	16' 9"	14' 10"
600S200-33	33	12	14' 6"a	14' 6"a	14' 6"a	13' 4"a	13' 4"a	13' 4"a	12' 6"a	12' 6"a	12' 6"a	11' 8"a	11' 8"a	11' 8"a	11' 0"a	11' 0"a	11' 0"a	10' 4"a	10' 4"a	10' 4"a
	33	16	12' 2"a	12' 2"a	12' 2"a	11' 2"a	11' 2"a	11' 2"a	10' 4"a	10' 4"a	10' 4"a	9' 8"a	9' 8"a	9' 8"a	9' 1"a	9' 1"a	9' 1"a	8' 7"a	8' 7"a	8' 7"a
	33	24	9' 4"a	9' 4"a	9' 4"a	8' 7"a	8' 7"a	8' 7"a	7' 10"a	7' 10"a	7' 10"a	7' 3"a	7' 3"a	7' 3"a	6' 10"a	6' 10"a	6' 10"a	6' 4"a	6' 4"a	6' 4"a
600S200-43	33	12	17' 4"i	17' 4"i	17' 4"i	16' 3"a	16' 3"a	16' 3"a	15' 4"a	15' 4"a	15' 4"a	14' 7"a	14' 7"a	14' 7"a	13' 10"a	13' 10"a	13' 10"a	13' 3"a	13' 3"a	13' 3"a
	33	16	15' 1"a	15' 1"a	15' 1"a	14' 1"a	14' 1"a	14' 1"a	13' 3"a	13' 3"a	13' 3"a	12' 7"a	12' 7"a	12' 7"a	12' 0"a	12' 0"a	12' 0"a	11' 6"a	11' 6"a	11' 6"a
	33	24	12' 3"a	12' 3"a	12' 3"a	11' 6"a	11' 6"a	11' 6"a	10' 9"a	10' 9"a	10' 9"a	10' 1"a	10' 1"a	10' 1"a	9' 7"a	9' 7"a	9' 7"a	9' 1"a	9' 1"a	9' 1"a
600S200-54	50	12	23' 2"	23' 2"	19' 10"	21' 8"	21' 8"	19' 0"	20' 4"	20' 4"	18' 3"	19' 4"	19' 4"	17' 8"	18' 6"	18' 6"	17' 1"	17' 8"	17' 8"	16' 7"
	50	16	20' 1"	20' 1"	18' 1"	18' 9"	18' 9"	17' 3"	17' 8"	17' 8"	16' 7"	16' 9"	16' 9"	16' 1"	16' 0"	16' 0"	15' 7"	15' 3"	15' 3"	15' 1"
	50	24	16' 4"	16' 4"	15' 9"	15' 3"	15' 3"	15' 1"	14' 6"i	14' 6"i	14' 6"i	13' 8"i	13' 8"i	13' 8"i	13' 1"i	13' 1"i	13' 1"i	12' 4"i	12' 4"i	12' 4"i
600S200-68	50	12	26' 10"	25' 3"	21' 4"	25' 2"	24' 2"	20' 4"	23' 8"	23' 3"	19' 7"	22' 6"	22' 6"	19' 0"	21' 6"	21' 6"	18' 4"	20' 7"	20' 7"	17' 9"
	50	16	23' 3"	23' 0"	19' 4"	21' 9"	21' 9"	18' 7"	20' 7"	20' 7"	17' 9"	19' 6"	19' 6"	17' 2"	18' 7"	18' 7"	16' 8"	17' 9"	17' 9"	16' 2"
	50	24	19' 0"	19' 0"	16' 10"	17' 9"	17' 9"	16' 2"	16' 9"	16' 9"	15' 7"	15' 10"	15' 10"	15' 0"	15' 2"	15' 2"	14' 7"	14' 6"	14' 6"	14' 2"
600S200-97	50	12	32' 2"	28' 1"	23' 8"	30' 9"	26' 10"	22' 8"	29' 7"	25' 9"	21' 9"	28' 0"	25' 0"	21' 0"	26' 8"	24' 2"	20' 4"	25' 7"	23' 6"	19' 9"
	50	16	29' 0"	25' 6"	21' 6"	27' 2"	24' 4"	20' 7"	25' 7"	23' 6"	19' 9"	24' 3"	22' 8"	19' 1"	23' 2"	22' 0"	18' 6"	22' 2"	21' 3"	18' 0"
	50	24	23' 8"	22' 3"	18' 9"	22' 2"	21' 3"	18' 0"	20' 10"	20' 6"	17' 3"	19' 9"	19' 9"	16' 8"	18' 10"	18' 10"	16' 2"	18' 1"	18' 1"	15' 8"
600S250-33	33	12	14' 9"a	14' 9"a	14' 9"a	13' 7"a	13' 7"a	13' 7"a	12' 8"a	12' 8"a	12' 8"a	11' 10"a	11' 10"a	11' 10"a	11' 2"a	11' 2"a	11' 2"a	10' 7"a	10' 7"a	10' 7"a
	33	16	12' 4"a	12' 4"a	12' 4"a	11' 4"a	11' 4"a	11' 4"a	10' 7"a	10' 7"a	10' 7"a	9' 10"a	9' 10"a	9' 10"a	9' 3"a	9' 3"a	9' 3"a	8' 8"a	8' 8"a	8' 8"a
	33	24	9' 7"a	9' 7"a	9' 7"a	8' 8"a	8' 8"a	8' 8"a	8' 0"a	8' 0"a	8' 0"a	7' 4"a	7' 4"a	7' 4"a	6' 10"a	6' 10"a	6' 10"a	6' 6"a	6' 6"a	6' 6"a
600S250-43	33	12	17' 10"i	17' 10"i	17' 10"i	16' 8"a	16' 8"a	16' 8"a	15' 9"a	15' 9"a	15' 9"a	15' 0"a	15' 0"a	15' 0"a	14' 3"a	14' 3"a	14' 3"a	13' 8"a	13' 8"a	13' 8"a
	33	16	15' 6"a	15' 6"a	15' 6"a	14' 6"a	14' 6"a	14' 6"a	13' 8"a	13' 8"a	13' 8"a	13' 0"a	13' 0"a	13' 0"a	12' 4"a	12' 4"a	12' 4"a	11' 9"a	11' 9"a	11' 9"a
	33	24	12' 8"a	12' 8"a	12' 8"a	11' 9"a	11' 9"a	11' 9"a	11' 0"a	11' 0"a	11' 0"a	10' 3"a	10' 3"a	10' 3"a	9' 8"a	9' 8"a	9' 8"a	9' 2"a	9' 2"a	9' 2"a
600S250-54	50	12	23' 9"	23' 9"	20' 7"	22' 2"	22' 2"	19' 8"	21' 0"	21' 0"	18' 10"	19' 10"	19' 10"	18' 3"	19' 0"	19' 0"	17' 8"	18' 1"	18' 1"	17' 2"
	50	16	20' 7"	20' 7"	18' 8"	19' 2"	19' 2"	17' 10"	18' 1"	18' 1"	17' 2"	17' 2"	17' 2"	16' 7"	16' 4"	16' 4"	16' 1"	15' 8"i	15' 8"i	15' 7"i
	50	24	16' 9"	16' 9"	16' 3"	15' 8"i	15' 8"i	15' 7"i	14' 9"i	14' 9"i	14' 9"i	14' 1"i	14' 1"i	14' 1"i	13' 3"i	13' 3"i	13' 3"i	12' 8"a	12' 8"a	12' 8"a
600S250-68	50	12	27' 8"	26' 4"	22' 3"	25' 10"	25' 3"	21' 3"	24' 4"	24' 3"	20' 6"	23' 2"	23' 2"	19' 9"	22' 1"	22' 1"	19' 2"	21' 1"	21' 1"	18' 7"
	50	16	24' 0"	24' 0"	20' 3"	22' 4"	22' 4"	19' 4"	21' 1"	21' 1"	18' 7"	20' 1"	20' 1"	18' 0"	19' 1"	19' 1"	17' 4"	18' 3"	18' 3"	16' 10"
	50	24	19' 7"	19' 7"	17' 8"	18' 3"	18' 3"	16' 10"	17' 3"	17' 3"	16' 3"	16' 4"	16' 4"	15' 8"	15' 7"	15' 7"	15' 2"	15' 0"	15' 0"	14' 9"
600S250-97	50	12	33' 9"	29' 6"	24' 10"	32' 3"	28' 2"	23' 9"	30' 7"	27' 1"	22' 10"	29' 1"	26' 2"	22' 1"	27' 8"	25' 4"	21' 4"	26' 6"	24' 8"	20' 9"
	50	16	30' 1"	26' 9"	22' 7"	28' 1"	25' 7"	21' 7"	26' 6"	24' 8"	20' 9"	25' 2"	23' 9"	20' 1"	24' 0"	23' 1"	19' 6"	23' 0"	22' 4"	18' 10"
	50	24	24' 7"	23' 4"	19' 9"	23' 0"	22' 4"	18' 10"	21' 8"	21' 6"	18' 2"	20' 6"	20' 6"	17' 6"	19' 7"	19' 7"	17' 0"	18' 9"	18' 9"	16' 6"
600S300-33	33	12	14' 10"a	14' 10"a	14' 10"a	13' 8"a	13' 8"a	13' 8"a	12' 9"a	12' 9"a	12' 9"a	12' 0"a	12' 0"a	12' 0"a	11' 3"a	11' 3"a	11' 3"a	10' 8"a	10' 8"a	10' 8"a
	33	16	12' 6"a	12' 6"a	12' 6"a	11' 6"a	11' 6"a	11' 6"a	10' 8"a	10' 8"a	10' 8"a	9' 10"a	9' 10"a	9' 10"a	9' 3"a	9' 3"a	9' 3"a	8' 9"a	8' 9"a	8' 9"a
	33	24	9' 7"a	9' 7"a	9' 7"a	8' 9"a	8' 9"a	8' 9"a	8' 1"a	8' 1"a	8' 1"a	7' 6"a	7' 6"a	7' 6"a	7' 0"a	7' 0"a	7' 0"a	6' 6"a	6' 6"a	6' 6"a
600S300-43	33	12	18' 2"i	18' 2"i	18' 2"i	17' 0"a	17' 0"a	17' 0"a	16' 1"a	16' 1"a	16' 1"a	15' 2"a	15' 2"a	15' 2"a	14' 6"a	14' 6"a	14' 6"a	13' 10"a	13' 10"a	13' 10"a
	33	16	15' 9"a	15' 9"a	15' 9"a	14' 8"a	14' 8"a	14' 8"a	13' 10"a	13' 10"a	13' 10"a	13' 2"a	13' 2"a	13' 2"a	12' 6"a	12' 6"a	12' 6"a	11' 10"a	11' 10"a	11' 10"a
	33	24	12' 10"a	12' 10"a	12' 10"a	11' 10"a	11' 10"a	11' 10"a	11' 1"a	11' 1"a	11' 1"a	10' 4"a	10' 4"a	10' 4"a	9' 10"a	9' 10"a	9' 10"a	9' 3"a	9' 3"a	9' 3"a
600S300-54	50	12	24' 2"	24' 2"	21' 1"	22' 7"	22' 7"	20' 1"	21' 3"	21' 3"	19' 4"	20' 2"	20' 2"	18' 8"	19' 3"	19' 3"	18' 1"	18' 4"	18' 4"	17' 7"
	50	16	20' 10"	20' 10"	19' 1"	19' 7"	19' 7"	18' 3"	18' 4"	18' 4"	17' 7"	17' 6"	17' 6"	17' 0"	16' 8"	16' 8"	16' 6"	16' 0"i	16' 0"i	16' 0"i
	50	24	17' 1"	17' 1"	16' 8"	16' 0"i	16' 0"i	16' 0"i	15' 1"i	15' 1"i	15' 1"i	14' 3"i	14' 3"i	14' 3"i	13' 6"i	13' 6"i	13' 6"i	12' 10"a	12' 10"a	12' 10"a
600S300-68	50	12	28' 2"	27' 2"	22' 10"	26' 4"	26' 0"	21' 10"	24' 10"	24' 10"	21' 1"	23' 7"	23' 7"	20' 3"	22' 6"	22' 6"	19' 8"	21' 7"	21' 7"	19' 1"
	50	16	24' 4"	24' 4"	20' 9"	22' 10"	22' 10"	19' 10"	21' 7"	21' 7"	19' 1"	20' 4"	20' 4"	18' 6"	19' 6"	19' 6"	17' 10"	18' 8"	18' 8"	17' 4"
	50	24	20' 0"	20' 0"	18' 2"	18' 8"	18' 8"	17' 4"	17' 7"	17' 7"	16' 8"	16' 8"	16' 8"	16' 1"	15' 10"	15' 10"	15' 7"	15' 2"	15' 2"	15' 2"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
600S300-97	50	12	35' 0"	30' 7"	25' 9"	33' 3"	29' 3"	24' 8"	31' 4"	28' 2"	23' 8"	29' 9"	27' 2"	22' 10"	28' 4"	26' 3"	22' 2"	27' 2"	25' 7"	21' 7"
	50	16	30' 9"	27' 9"	23' 6"	28' 9"	26' 7"	22' 4"	27' 2"	25' 7"	21' 7"	25' 9"	24' 8"	20' 9"	24' 7"	23' 10"	20' 2"	23' 6"	23' 2"	19' 7"
	50	24	25' 2"	24' 3"	20' 6"	23' 6"	23' 2"	19' 7"	22' 2"	22' 2"	18' 9"	21' 1"	21' 1"	18' 2"	20' 0"	20' 0"	17' 7"	19' 1"	19' 1"	17' 1"
600S350-54	50	12	26' 10"	26' 4"	22' 3"	25' 1"	25' 1"	21' 3"	23' 8"	23' 8"	20' 6"	22' 6"	22' 6"	19' 9"	21' 4"	21' 4"	19' 2"	20' 6"	20' 6"	18' 7"
	50	16	23' 3"	23' 3"	20' 2"	21' 9"	21' 9"	19' 4"	20' 6"	20' 6"	18' 7"	19' 6"i	19' 6"i	18' 0"	18' 6"i	18' 6"i	17' 4"i	17' 7"i	17' 7"i	16' 10"i
	50	24	19' 0"i	19' 0"i	17' 8"	17' 7"i	17' 7"i	16' 10"i	16' 6"i	16' 6"i	16' 3"i	15' 6"a	15' 6"a	15' 6"a	14' 7"a	14' 7"a	14' 7"a	13' 10"a	13' 10"a	13' 10"a
600S350-68	50	12	31' 3"	28' 10"	24' 3"	29' 3"	27' 7"	23' 3"	27' 7"	26' 6"	22' 4"	26' 2"	25' 7"	21' 7"	25' 0"	24' 9"	20' 10"	23' 10"	23' 10"	20' 3"
	50	16	27' 1"	26' 2"	22' 1"	25' 4"	25' 1"	21' 2"	23' 10"	23' 10"	20' 3"	22' 8"	22' 8"	19' 7"	21' 8"	21' 8"	19' 0"	20' 8"	20' 8"	18' 6"
	50	24	22' 2"	22' 2"	19' 3"	20' 8"	20' 8"	18' 6"	19' 6"	19' 6"	17' 9"	18' 6"	18' 6"	17' 2"	17' 6"i	17' 6"i	16' 7"	16' 8"i	16' 8"i	16' 1"i
600S350-97	50	12	37' 1"	32' 4"	27' 4"	35' 6"	31' 0"	26' 2"	34' 2"	29' 9"	25' 2"	32' 7"	28' 9"	24' 3"	31' 0"	27' 10"	23' 6"	29' 7"	27' 1"	22' 10"
	50	16	33' 8"	29' 6"	24' 10"	31' 6"	28' 2"	23' 9"	29' 7"	27' 1"	22' 10"	28' 0"	26' 2"	22' 1"	26' 7"	25' 4"	21' 4"	25' 4"	24' 7"	20' 9"
	50	24	27' 3"	25' 9"	21' 8"	25' 4"	24' 7"	20' 9"	23' 10"	23' 8"	20' 0"	22' 6"	22' 6"	19' 3"	21' 4"	21' 4"	18' 8"	20' 4"	20' 4"	18' 1"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			5 psf			10 psf			15 psf			20 psf			25 psf			30 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	L/120	L/240	L/360	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
800S125-33	33	12	32' 9"a	32' 9"a	32' 9"a	23' 2"a	23' 2"a	23' 2"a	18' 10"a	18' 10"a	18' 10"a	16' 4"a	16' 4"a	16' 4"a	14' 8"a	14' 8"a	14' 8"a	13' 4"a	13' 4"a	13' 4"a
	33	16	28' 4"a	28' 4"a	28' 4"a	20' 1"a	20' 1"a	20' 1"a	16' 4"a	16' 4"a	16' 4"a	14' 2"a	14' 2"a	14' 2"a	12' 8"a	12' 8"a	12' 8"a	11' 6"a	11' 6"a	11' 6"a
	33	24	23' 2"a	23' 2"a	23' 2"a	16' 4"a	16' 4"a	16' 4"a	13' 4"a	13' 4"a	13' 4"a	11' 6"a	11' 6"a	11' 6"a	10' 0"a	10' 0"a	10' 0"a	8' 9"a	8' 9"a	8' 9"a
800S125-43	33	12	40' 3"	40' 3"	40' 3"	28' 6"	28' 6"	28' 6"	23' 3"	23' 3"	23' 3"	20' 2"	20' 2"	20' 2"	18' 0"	18' 0"	18' 0"	16' 6"	16' 6"	16' 6"
	33	16	34' 10"	34' 10"	34' 10"	24' 8"	24' 8"	24' 8"	20' 2"	20' 2"	20' 2"	17' 6"	17' 6"	17' 6"	15' 7"	15' 7"	15' 7"	14' 3"i	14' 3"i	14' 3"i
	33	24	28' 6"	28' 6"	28' 6"	20' 2"	20' 2"	20' 2"	16' 6"	16' 6"	16' 6"	14' 3"i	14' 3"i	14' 3"i	12' 9"a	12' 9"a	12' 9"a	11' 7"a	11' 7"a	11' 7"a
800S125-54	50	12	54' 3"	54' 3"	49' 6"	38' 4"	38' 4"	33' 1"	31' 4"	31' 4"	29' 0"	27' 2"	27' 2"	26' 3"	24' 3"	24' 3"	24' 3"	22' 2"	22' 2"	22' 2"
	50	16	47' 0"	47' 0"	45' 0"	33' 3"	33' 3"	30' 1"	27' 2"	27' 2"	26' 3"	23' 6"	23' 6"	23' 6"	21' 0"	21' 0"	21' 0"	19' 2"	19' 2"	19' 2"
	50	24	38' 4"	38' 4"	38' 4"	27' 2"	27' 2"	26' 3"	22' 2"	22' 2"	22' 2"	19' 2"	19' 2"	19' 2"	17' 2"	17' 2"	17' 2"	15' 8"	15' 8"	15' 8"
800S162-33	33	12	41' 8"a	41' 8"a	41' 8"a	29' 6"a	29' 6"a	29' 6"a	23' 10"a	23' 10"a	23' 10"a	20' 2"a	20' 2"a	20' 2"a	17' 7"a	17' 7"a	17' 7"a	15' 8"a	15' 8"a	15' 8"a
	33	16	36' 1"a	36' 1"a	36' 1"a	25' 6"a	25' 6"a	25' 6"a	20' 2"a	20' 2"a	20' 2"a	16' 10"a	16' 10"a	16' 10"a	14' 7"a	14' 7"a	14' 7"a	12' 10"a	12' 10"a	12' 10"a
	33	24	29' 6"a	29' 6"a	29' 6"a	20' 2"a	20' 2"a	20' 2"a	15' 8"a	15' 8"a	15' 8"a	12' 10"a	12' 10"a	12' 10"a	11' 0"a	11' 0"a	11' 0"a	9' 7"a	9' 7"a	9' 7"a
800S162-43	33	12	50' 2"	50' 2"	49' 10"	35' 6"	35' 6"	33' 4"	29' 0"	29' 0"	29' 0"	25' 1"	25' 1"	25' 1"	22' 6"i	22' 6"i	22' 6"i	20' 6"i	20' 6"i	20' 6"i
	33	16	43' 6"	43' 6"	43' 6"	30' 9"	30' 9"	30' 3"	25' 1"	25' 1"	25' 1"	21' 8"i	21' 8"i	21' 8"i	19' 6"a	19' 6"a	19' 6"a	17' 9"a	17' 9"a	17' 9"a
	33	24	35' 6"	35' 6"	35' 6"	25' 1"	25' 1"	25' 1"	20' 6"i	20' 6"i	20' 6"i	17' 9"a	17' 9"a	17' 9"a	15' 8"a	15' 8"a	15' 8"a	14' 1"a	14' 1"a	14' 1"a
800S162-54	50	12	67' 0"	61' 4"	53' 7"	47' 4"	42' 7"	35' 10"	38' 8"	37' 2"	31' 4"	33' 6"	33' 6"	28' 6"	29' 10"	29' 10"	26' 4"	27' 3"	27' 3"	24' 10"
	50	16	58' 0"	55' 9"	48' 8"	41' 0"	38' 8"	32' 7"	33' 6"	33' 6"	28' 6"	29' 0"	29' 0"	25' 10"	25' 10"	25' 10"	24' 0"	23' 8"	23' 8"	22' 7"
	50	24	47' 4"	47' 4"	42' 7"	33' 6"	33' 6"	28' 6"	27' 3"	27' 3"	24' 10"	23' 8"	23' 8"	22' 7"	21' 2"	21' 2"	21' 0"	19' 3"	19' 3"	19' 3"
800S162-68	50	12	78' 4"	66' 4"	58' 0"	52' 8"	46' 0"	38' 9"	45' 3"	40' 2"	33' 10"	39' 2"	36' 6"	30' 9"	35' 1"	33' 10"	28' 7"	32' 0"	31' 10"	26' 10"
	50	16	67' 10"	60' 3"	52' 8"	47' 10"	41' 9"	35' 3"	39' 2"	36' 6"	30' 9"	34' 0"	33' 2"	28' 0"	30' 4"	30' 4"	26' 0"	27' 8"	27' 8"	24' 6"
	50	24	55' 4"	52' 8"	46' 0"	39' 2"	36' 6"	30' 9"	32' 0"	31' 10"	26' 10"	27' 8"	27' 8"	24' 6"	24' 9"	24' 9"	22' 8"	22' 7"	22' 7"	21' 4"
800S162-97	50	12	93' 1"	73' 10"	64' 7"	58' 7"	51' 2"	43' 2"	51' 2"	44' 9"	37' 9"	46' 7"	40' 8"	34' 3"	43' 2"	37' 9"	31' 9"	40' 4"	35' 6"	30' 0"
	50	16	84' 7"	67' 1"	58' 7"	53' 3"	46' 7"	39' 3"	46' 7"	40' 8"	34' 3"	42' 3"	36' 10"	31' 2"	38' 3"	34' 3"	28' 10"	35' 0"	32' 3"	27' 2"
	50	24	70' 0"	58' 7"	51' 2"	46' 7"	40' 8"	34' 3"	40' 4"	35' 6"	30' 0"	35' 0"	32' 3"	27' 2"	31' 3"	30' 0"	25' 3"	28' 7"	28' 2"	23' 9"
800S200-33	33	12	44' 10"a	44' 10"a	44' 10"a	31' 8"a	31' 8"a	31' 8"a	25' 3"a	25' 3"a	25' 3"a	21' 3"a	21' 3"a	21' 3"a	18' 6"a	18' 6"a	18' 6"a	16' 4"a	16' 4"a	16' 4"a
	33	16	38' 10"a	38' 10"a	38' 10"a	27' 1"a	27' 1"a	27' 1"a	21' 3"a	21' 3"a	21' 3"a	17' 9"a	17' 9"a	17' 9"a	15' 3"a	15' 3"a	15' 3"a	13' 6"a	13' 6"a	13' 6"a
	33	24	31' 8"a	31' 8"a	31' 8"a	21' 3"a	21' 3"a	21' 3"a	16' 4"a	16' 4"a	16' 4"a	13' 6"a	13' 6"a	13' 6"a	11' 4"a	11' 4"a	11' 4"a	9' 10"a	9' 10"a	9' 10"a
800S200-43	33	12	53' 10"	53' 10"	52' 9"	38' 1"	38' 1"	35' 3"	31' 1"	31' 1"	30' 10"	27' 0"i	27' 0"i	27' 0"i	24' 1"i	24' 1"i	24' 1"i	22' 0"a	22' 0"a	22' 0"a
	33	16	46' 8"	46' 8"	46' 8"	33' 0"	33' 0"	32' 1"	27' 0"i	27' 0"i	27' 0"i	23' 4"a	23' 4"a	23' 4"a	20' 10"a	20' 10"a	20' 10"a	19' 1"a	19' 1"a	19' 1"a
	33	24	38' 1"	38' 1"	38' 1"	27' 0"i	27' 0"i	27' 0"i	22' 0"a	22' 0"a	22' 0"a	19' 1"a	19' 1"a	19' 1"a	17' 1"a	17' 1"a	17' 1"a	15' 6"a	15' 6"a	15' 6"a
800S200-54	50	12	71' 9"	64' 10"	56' 8"	50' 9"	45' 0"	37' 10"	41' 4"	39' 3"	33' 1"	35' 10"	35' 8"	30' 1"	32' 1"	32' 1"	28' 0"	29' 3"	29' 3"	26' 3"
	50	16	62' 2"	58' 10"	51' 6"	44' 0"	40' 10"	34' 6"	35' 10"	35' 8"	30' 1"	31' 1"	31' 1"	27' 4"	27' 9"	27' 9"	25' 4"	25' 4"	25' 4"	23' 10"
	50	24	50' 9"	50' 9"	45' 0"	35' 10"	35' 8"	30' 1"	29' 3"	29' 3"	26' 3"	25' 4"	25' 4"	23' 10"	22' 8"	22' 8"	22' 2"	20' 8"i	20' 8"i	20' 8"i
800S200-68	50	12	83' 10"	69' 8"	60' 10"	55' 3"	48' 3"	40' 8"	48' 3"	42' 2"	35' 7"	41' 10"	38' 3"	32' 3"	37' 6"	35' 7"	30' 0"	34' 2"	33' 6"	28' 2"
	50	16	72' 7"	63' 3"	55' 3"	50' 2"	43' 10"	37' 0"	41' 10"	38' 3"	32' 3"	36' 3"	34' 9"	29' 4"	32' 6"	32' 3"	27' 3"	29' 7"	29' 7"	25' 8"
	50	24	59' 3"	55' 3"	48' 3"	41' 10"	38' 3"	32' 3"	34' 2"	33' 6"	28' 2"	29' 7"	29' 7"	25' 8"	26' 6"	26' 6"	23' 9"	24' 2"	24' 2"	22' 4"
800S200-97	50	12	97' 7"	77' 6"	67' 8"	61' 6"	53' 8"	45' 3"	53' 8"	46' 10"	39' 7"	48' 9"	42' 7"	36' 0"	45' 3"	39' 7"	33' 4"	42' 7"	37' 3"	31' 4"
	50	16	88' 8"	70' 4"	61' 6"	55' 10"	48' 9"	41' 2"	48' 9"	42' 7"	36' 0"	44' 4"	38' 8"	32' 8"	40' 10"	36' 0"	30' 3"	37' 3"	33' 9"	28' 6"
	50	24	74' 8"	61' 6"	53' 8"	48' 9"	42' 7"	36' 0"	42' 7"	37' 3"	31' 4"	37' 3"	33' 9"	28' 6"	33' 4"	31' 4"	26' 6"	30' 6"	29' 7"	24' 10"
800S250-43	33	12	55' 3"	55' 3"	54' 10"	39' 1"	39' 1"	36' 9"	31' 10"	31' 10"	31' 10"	27' 7"i	27' 7"i	27' 7"i	24' 8"a	24' 8"a	24' 8"a	22' 7"a	22' 7"a	22' 7"a
	33	16	47' 10"	47' 10"	47' 10"	33' 10"	33' 10"	33' 4"	27' 7"i	27' 7"i	27' 7"i	23' 10"a	23' 10"a	23' 10"a	21' 4"a	21' 4"a	21' 4"a	19' 6"a	19' 6"a	19' 6"a
	33	24	39' 1"	39' 1"	39' 1"	27' 7"i	27' 7"i	27' 7"i	22' 7"a	22' 7"a	22' 7"a	19' 6"a	19' 6"a	19' 6"a	17' 6"a	17' 6"a	17' 6"a	15' 7"a	15' 7"a	15' 7"a
800S250-54	50	12	73' 6"	66' 9"	58' 3"	52' 0"	46' 3"	39' 1"	42' 4"	40' 4"	34' 1"	36' 8"	36' 8"	31' 0"	32' 10"	32' 10"	28' 9"	30' 0"	30' 0"	27' 1"
	50	16	63' 8"	60' 8"	53' 0"	45' 0"	42' 1"	35' 6"	36' 8"	36' 8"	31' 0"	31' 9"	31' 9"	28' 2"	28' 6"	28' 6"	26' 1"	26' 0"	26' 0"	24' 7"
	50	24	52' 0"	52' 0"	46' 3"	36' 8"	36' 8"	31' 0"	30' 0"	30' 0"	27' 1"	26' 0"	26' 0"	24' 7"	23' 2"	23' 2"	22' 9"	21' 2"i	21' 2"i	21' 2"i
800S250-68	50	12	86' 0"	72' 4"	63' 3"	57' 6"	50' 2"	42' 3"	49' 8"	43' 10"	37' 0"	43' 0"	39' 9"	33' 7"	38' 6"	37' 0"	31' 2"	35' 1"	34' 9"	29' 4"
	50	16	74' 6"	65' 9"	57' 6"	52' 2"	45' 7"	38' 6"	43' 0"	39' 9"	33' 7"	37' 3"	36' 2"	30' 6"	33' 3"	33' 3"	28' 3"	30' 4"	30' 4"	26' 8"
	50	24	60' 9"	57' 6"	50' 2"	43' 0"	39' 9"	33' 7"	35' 1"	34' 9"	29' 4"	30' 4"	30' 4"	26' 8"	27' 2"	27' 2"	24' 9"	24' 9"	24' 9"	23' 3"
800S250-97	50	12	102' 0"	81' 0"	70' 9"	64' 3"	56' 2"	47' 4"	56' 2"	49' 1"	41' 4"	51' 0"	44' 7"	37' 7"	47' 4"	41' 4"	34' 10"	44' 6"	38' 10"	32' 9"
	50	16	92' 8"	73' 7"	64' 3"	58' 4"	51' 0"	43' 0"	51' 0"	44' 7"	37' 7"	46' 4"	40' 6"	34' 2"	42' 2"	37' 7"	31' 8"	38' 6"	35' 4"	29' 9"
	50	24	77' 0"	64' 3"	56' 2"	51' 0"	44' 7"	37' 7"	44' 6"	38' 10"	32' 9"	38' 6"	35' 4"	29' 9"	34' 4"	32' 9"	27' 8"	31' 4"	30' 10"	26' 1"
800S300-43	33	12	56' 1"	56' 1"	56' 1"	39' 7"	39' 7"	37' 7"	32' 4"	32' 4"	32' 4"	28' 0"i	28' 0"i	28' 0"i	25' 1"a	25' 1"a	25' 1"a	22' 10"a	22' 10"a	22' 10"a
	33	16	48' 7"	48' 7"	48' 7"	34' 3"	34' 3"	34' 2"	28' 0"i	28' 0"i	28' 0"i	24' 3"a	24' 3"a	24' 3"a	21' 8"a	21' 8"a	21' 8"a	19' 9"a	19' 9"a	19' 9"a
	33	24	39' 7"	39' 7"	39' 7"	28' 0"i	28' 0"i	28' 0"i	22' 10"a	22' 10"a	22' 10"a	19' 9"a	19' 9"a	19' 9"a	17' 6"a	17' 6"a	17' 6"a	15' 7"a	15' 7"a	15' 7"a
800S300-54	50	12	74' 6"	68' 3"	59' 8"	52' 8"	47' 3"	39' 10"	43' 0"	41' 4"	34' 10"	37' 3"	37' 3"	31' 8"	33' 3"	33' 3"	29' 4"	30' 4"	30' 4"	27' 8"
	50	16	64' 7"	62' 0"	54' 2"	45' 7"	43' 0"	36' 3"	37' 3"	37' 3"	31' 8"	32' 3"	32' 3"	28' 9"	28' 10"	28' 10"	26' 8"	26' 4"	26' 4"	25' 2"
	50	24	52' 8"	52' 8"	47' 3"	37' 3"	37' 3"	31' 8"	30' 4"	30' 4"	27' 8"	26' 4"	26' 4"	25' 2"	23' 7"	23' 7"	23' 4"	21' 6"i	21' 6"i	21' 6"i
800S300-68	50	12	87' 6"	74' 2"	64' 9"	58' 10"	51' 6"	43' 4"	50' 6"	45' 0"	37' 10"	43' 8"	40' 9"	34' 4"	39' 1"	37' 10"	32' 0"	35' 8"	35' 8"	30' 1"
	50	16	75' 8"	67' 4"	58' 10"	53' 6"	46' 9"	39' 4"	43' 8"	40' 9"	34' 4"	37' 10"	37' 1"	31' 3"	33' 10"	33' 10"	29' 1"	30' 10"	30' 10"	27' 3"
	50	24	61' 9"	58' 10"	51' 6"	43' 8"	40' 9"	34' 4"	35' 8"	35' 8"	30' 1"	30' 10"	30' 10"	27' 3"	27' 8"	27' 8"	25' 4"	25' 2"	25' 2"	23' 10"
800S300-97	50	12	105' 6"	83' 8"	73' 1"	66' 4"	58' 0"	49' 0"	58' 0"	50' 8"	42' 9"	52' 8"	46' 1"	38' 10"	49' 0"	42' 9"	36' 1"	45' 4"	40' 2"	33' 10"
	50	16	95' 9"	76' 1"	66' 4"	60' 4"	52' 8"	44' 6"	52' 8"	46' 1"	38' 10"	47' 10"	41' 10"	35' 3"	43' 1"	38' 10"	32' 9"	39' 3"	36' 7"	30' 9"
	50	24	78' 7"	66' 4"	58' 0"	52' 8"	46' 1"	38' 10"	45' 4"	40' 2"	33' 10"	39' 3"	36' 7"	30' 9"	35' 2"	33' 10"	28' 7"	32' 1"	31' 10"	26' 10"
800S350-54	50	12	82' 10"	72' 1"	63' 0"	57' 2"	50' 0"	42' 2"	47' 9"	43' 8"	36' 9"	41' 4"	39' 8"	33' 6"	37' 1"	36' 9"	31' 1"	33' 9"	33' 9"	29' 2"
	50	16	71' 9"	65' 6"	57' 2"	50' 8"	45' 4"	38' 3"	41' 4"	39' 8"	33' 6"	35' 10"	35' 10"	30' 4"	32' 1"	32' 1"	28' 2"	29' 3"	29' 3"	26' 7"
	50	24	58' 7"	57' 2"	50' 0"	41' 4"	39' 8"	33' 6"	33' 9"	33' 9"	29' 2"	29' 3"	29' 3"	26' 7"	26' 2"i	26' 2"i	24' 8"i	23' 10"i	23' 10"i	23' 2"i
800S350-68	50	12	97' 0"	78' 8"	68' 9"	62' 6"	54' 7"	46' 0"	54' 7"	47' 8"	40' 2"	48' 6"	43' 3"	36' 6"	43' 4"	40' 2"	33' 10"	39' 7"	37' 10"	31' 10"
	50	16	84' 0"	71' 6"	62' 6"	56' 9"	49' 7"	41' 9"	48' 6"	43' 3"	36' 6"	42' 0"	39' 4"	33' 2"	37' 7"	36' 6"	30' 9"	34' 3"	34' 3"	29' 0"
	50	24	68' 7"	62' 6"	54' 7"	48' 6"	43' 3"	36' 6"	39' 7"	37' 10"	31' 10"	34' 3"	34' 3"	29' 0"	30' 8"	30' 8"	26' 10"	28' 0"	28' 0"	25' 3"
800S350-97	50	12	111' 7"	88' 7"	77' 4"	70' 3"	61' 4"	51' 9"	61' 4"	53' 8"	45' 3"	55' 9"	48' 9"	41' 1"	51' 9"	45' 3"	38' 2"	48' 9"	42' 7"	35' 10"
	50	16	101' 4"	80' 6"	70' 3"	63' 10"	55' 9"	47' 1"	55' 9"	48' 9"	41' 1"	50' 8"	44' 3"	37' 4"	47' 1"	41' 1"	34' 8"	43' 4"	38' 8"	32' 7"
	50	24	86' 10"	70' 3"	61' 4"	55' 9"	48' 9"	41' 1"	48' 9"	42' 7"	35' 10"	43' 4"	38' 8"	32' 7"	38' 10"	35' 10"	30' 3"	35' 6"	33' 9"	28' 6"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

DOUBLE SPAN CURTAIN WALL LIMITING HEIGHTS (ft-in.)

SPECIFIED LOADS			35 psf			40 psf			45 psf			50 psf			55 psf			60 psf		
Stud Member	F_y (ksi)	Spacing (in.) o.c.	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
800S125-33	33	12	12' 4"a	12' 4"a	12' 4"a	11' 6"a	11' 6"a	11' 6"a	10' 8"a	10' 8"a	10' 8"a	10' 0"a	10' 0"a	10' 0"a	9' 3"a	9' 3"a	9' 3"a	8' 9"a	8' 9"a	8' 9"a
	33	16	10' 4"a	10' 4"a	10' 4"a	9' 6"a	9' 6"a	9' 6"a	8' 9"a	8' 9"a	8' 9"a	8' 2"a	8' 2"a	8' 2"a	7' 7"a	7' 7"a	7' 7"a	7' 1"a	7' 1"a	7' 1"a
	33	24	7' 10"a	7' 10"a	7' 10"a	7' 1"a	7' 1"a	7' 1"a	6' 6"a	6' 6"a	6' 6"a	6' 0"a	6' 0"a	6' 0"a	5' 6"a	5' 6"a	5' 6"a	5' 2"a	5' 2"a	5' 2"a
800S125-43	33	12	15' 2"i	15' 2"i	15' 2"i	14' 3"i	14' 3"i	14' 3"i	13' 4"i	13' 4"i	13' 4"i	12' 9"a	12' 9"a	12' 9"a	12' 2"a	12' 2"a	12' 2"a	11' 7"a	11' 7"a	11' 7"a
	33	16	13' 2"i	13' 2"i	13' 2"i	12' 3"a	12' 3"a	12' 3"a	11' 7"a	11' 7"a	11' 7"a	11' 0"a	11' 0"a	11' 0"a	10' 6"a	10' 6"a	10' 6"a	10' 1"a	10' 1"a	10' 1"a
	33	24	10' 9"a	10' 9"a	10' 9"a	10' 1"a	10' 1"a	10' 1"a	9' 6"a	9' 6"a	9' 6"a	9' 0"a	9' 0"a	9' 0"a	8' 7"a	8' 7"a	8' 7"a	8' 2"a	8' 2"a	8' 2"a
800S125-54	50	12	20' 6"	20' 6"	20' 6"	19' 2"	19' 2"	19' 2"	18' 1"	18' 1"	18' 1"	17' 2"	17' 2"	17' 2"	16' 4"	16' 4"	16' 4"	15' 8"	15' 8"	15' 8"
	50	16	17' 9"	17' 9"	17' 9"	16' 7"	16' 7"	16' 7"	15' 8"	15' 8"	15' 8"	14' 10"	14' 10"	14' 10"	14' 2"	14' 2"	14' 2"	13' 7"	13' 7"	13' 7"
	50	24	14' 6"	14' 6"	14' 6"	13' 7"	13' 7"	13' 7"	12' 9"	12' 9"	12' 9"	12' 1"	12' 1"	12' 1"	11' 7"i	11' 7"i	11' 7"i	11' 1"i	11' 1"i	11' 1"i
800S162-33	33	12	14' 1"a	14' 1"a	14' 1"a	12' 10"a	12' 10"a	12' 10"a	11' 10"a	11' 10"a	11' 10"a	11' 0"a	11' 0"a	11' 0"a	10' 3"a	10' 3"a	10' 3"a	9' 7"a	9' 7"a	9' 7"a
	33	16	11' 7"a	11' 7"a	11' 7"a	10' 6"a	10' 6"a	10' 6"a	9' 7"a	9' 7"a	9' 7"a	8' 10"a	8' 10"a	8' 10"a	8' 2"a	8' 2"a	8' 2"a	7' 7"a	7' 7"a	7' 7"a
	33	24	8' 6"a	8' 6"a	8' 6"a	7' 7"a	7' 7"a	7' 7"a	6' 10"a	6' 10"a	6' 10"a	6' 3"a	6' 3"a	6' 3"a	5' 9"a	5' 9"a	5' 9"a	5' 4"a	5' 4"a	5' 4"a
800S162-43	33	12	19' 0"a	19' 0"a	19' 0"a	17' 9"a	17' 9"a	17' 9"a	16' 8"a	16' 8"a	16' 8"a	15' 8"a	15' 8"a	15' 8"a	14' 10"a	14' 10"a	14' 10"a	14' 1"a	14' 1"a	14' 1"a
	33	16	16' 4"a	16' 4"a	16' 4"a	15' 2"a	15' 2"a	15' 2"a	14' 1"a	14' 1"a	14' 1"a	13' 3"a	13' 3"a	13' 3"a	12' 6"a	12' 6"a	12' 6"a	11' 10"a	11' 10"a	11' 10"a
	33	24	12' 10"a	12' 10"a	12' 10"a	11' 10"a	11' 10"a	11' 10"a	11' 0"a	11' 0"a	11' 0"a	10' 3"a	10' 3"a	10' 3"a	9' 8"a	9' 8"a	9' 8"a	9' 2"a	9' 2"a	9' 2"a
800S162-54	50	12	25' 3"	25' 3"	23' 7"	23' 8"	23' 8"	22' 7"	22' 3"	22' 3"	21' 8"	21' 2"	21' 2"	21' 0"	20' 2"	20' 2"	20' 2"	19' 3"	19' 3"	19' 3"
	50	16	21' 10"	21' 10"	21' 6"	20' 6"	20' 6"	20' 6"	19' 3"	19' 3"	19' 3"	18' 3"i	18' 3"i	18' 3"i	17' 6"i	17' 6"i	17' 6"i	16' 8"i	16' 8"i	16' 8"i
	50	24	17' 10"i	17' 10"i	17' 10"i	16' 8"i	16' 8"i	16' 8"i	15' 9"i	15' 9"i	15' 9"i	15' 0"a	15' 0"a	15' 0"a	14' 3"a	14' 3"a	14' 3"a	13' 7"a	13' 7"a	13' 7"a
800S162-68	50	12	29' 7"	29' 7"	25' 7"	27' 8"	27' 8"	24' 6"	26' 1"	26' 1"	23' 6"	24' 9"	24' 9"	22' 8"	23' 7"	23' 7"	22' 0"	22' 7"	22' 7"	21' 4"
	50	16	25' 8"	25' 8"	23' 2"	24' 0"	24' 0"	22' 2"	22' 7"	22' 7"	21' 4"	21' 6"	21' 6"	20' 7"	20' 6"	20' 6"	20' 0"	19' 7"	19' 7"	19' 4"
	50	24	21' 0"	21' 0"	20' 3"	19' 7"	19' 7"	19' 4"	18' 6"	18' 6"	18' 6"	17' 6"	17' 6"	17' 6"	16' 8"	16' 8"	16' 8"	16' 0"i	16' 0"i	16' 0"i
800S162-97	50	12	37' 4"	33' 8"	28' 6"	35' 0"	32' 3"	27' 2"	33' 0"	31' 0"	26' 2"	31' 3"	30' 0"	25' 3"	29' 9"	29' 0"	24' 6"	28' 7"	28' 2"	23' 9"
	50	16	32' 4"	30' 8"	25' 10"	30' 3"	29' 3"	24' 8"	28' 7"	28' 2"	23' 9"	27' 1"	27' 1"	23' 0"	25' 9"	25' 9"	22' 2"	24' 8"	24' 8"	21' 7"
	50	24	26' 4"	26' 4"	22' 7"	24' 8"	24' 8"	21' 7"	23' 3"	23' 3"	20' 9"	22' 1"	22' 1"	20' 1"	21' 1"	21' 1"	19' 4"	20' 2"	20' 2"	18' 10"
800S200-33	33	12	14' 9"a	14' 9"a	14' 9"a	13' 6"a	13' 6"a	13' 6"a	12' 4"a	12' 4"a	12' 4"a	11' 4"a	11' 4"a	11' 4"a	10' 7"a	10' 7"a	10' 7"a	9' 10"a	9' 10"a	9' 10"a
	33	16	12' 0"a	12' 0"a	12' 0"a	10' 10"a	10' 10"a	10' 10"a	9' 10"a	9' 10"a	9' 10"a	9' 1"a	9' 1"a	9' 1"a	8' 4"a	8' 4"a	8' 4"a	7' 9"a	7' 9"a	7' 9"a
	33	24	8' 9"a	8' 9"a	8' 9"a	7' 9"a	7' 9"a	7' 9"a	7' 1"a	7' 1"a	7' 1"a	6' 6"a	6' 6"a	6' 6"a	5' 10"a	5' 10"a	5' 10"a	5' 6"a	5' 6"a	5' 6"a
800S200-43	33	12	20' 4"a	20' 4"a	20' 4"a	19' 1"a	19' 1"a	19' 1"a	18' 0"a	18' 0"a	18' 0"a	17' 1"a	17' 1"a	17' 1"a	16' 3"a	16' 3"a	16' 3"a	15' 6"a	15' 6"a	15' 6"a
	33	16	17' 8"a	17' 8"a	17' 8"a	16' 6"a	16' 6"a	16' 6"a	15' 6"a	15' 6"a	15' 6"a	14' 7"a	14' 7"a	14' 7"a	13' 8"a	13' 8"a	13' 8"a	13' 0"a	13' 0"a	13' 0"a
	33	24	14' 1"a	14' 1"a	14' 1"a	13' 0"a	13' 0"a	13' 0"a	12' 0"a	12' 0"a	12' 0"a	11' 2"a	11' 2"a	11' 2"a	10' 6"a	10' 6"a	10' 6"a	9' 10"a	9' 10"a	9' 10"a
800S200-54	50	12	27' 1"	27' 1"	25' 0"	25' 4"	25' 4"	23' 10"	23' 10"	23' 10"	23' 0"	22' 8"	22' 8"	22' 2"	21' 7"	21' 7"	21' 6"	20' 8"i	20' 8"i	20' 8"i
	50	16	23' 6"	23' 6"	22' 8"	22' 0"	22' 0"	21' 8"	20' 8"i	20' 8"i	20' 8"i	19' 8"i	19' 8"i	19' 8"i	18' 8"i	18' 8"i	18' 8"i	17' 10"i	17' 10"i	17' 10"i
	50	24	19' 2"i	19' 2"i	19' 2"i	17' 10"i	17' 10"i	17' 10"i	16' 10"a	16' 10"a	16' 10"a	16' 0"a	16' 0"a	16' 0"a	15' 3"a	15' 3"a	15' 3"a	14' 8"a	14' 8"a	14' 8"a
800S200-68	50	12	31' 8"	31' 8"	26' 9"	29' 7"	29' 7"	25' 8"	28' 0"	28' 0"	24' 8"	26' 6"	26' 6"	23' 9"	25' 3"	25' 3"	23' 1"	24' 2"	24' 2"	22' 4"
	50	16	27' 4"	27' 4"	24' 4"	25' 8"	25' 8"	23' 3"	24' 2"	24' 2"	22' 4"	23' 0"	23' 0"	21' 7"	21' 10"	21' 10"	21' 0"	21' 0"	21' 0"	20' 4"
	50	24	22' 4"	22' 4"	21' 3"	21' 0"	21' 0"	20' 4"	19' 9"	19' 9"	19' 7"	18' 9"i	18' 9"i	18' 9"i	17' 10"i	17' 10"i	17' 10"i	17' 1"i	17' 1"i	17' 1"i
800S200-97	50	12	39' 10"	35' 4"	29' 9"	37' 3"	33' 9"	28' 6"	35' 2"	32' 6"	27' 6"	33' 4"	31' 4"	26' 6"	31' 9"	30' 4"	25' 8"	30' 6"	29' 7"	24' 10"
	50	16	34' 7"	32' 2"	27' 1"	32' 3"	30' 9"	25' 10"	30' 6"	29' 7"	24' 10"	28' 10"	28' 6"	24' 1"	27' 7"	27' 7"	23' 3"	26' 4"	26' 4"	22' 8"
	50	24	28' 2"	28' 1"	23' 8"	26' 4"	26' 4"	22' 8"	24' 10"	24' 10"	21' 9"	23' 7"	23' 7"	21' 0"	22' 6"	22' 6"	20' 4"	21' 7"	21' 7"	19' 9"
800S250-43	33	12	20' 10"a	20' 10"a	20' 10"a	19' 6"a	19' 6"a	19' 6"a	18' 4"a	18' 4"a	18' 4"a	17' 6"a	17' 6"a	17' 6"a	16' 6"a	16' 6"a	16' 6"a	15' 7"a	15' 7"a	15' 7"a
	33	16	18' 1"a	18' 1"a	18' 1"a	16' 9"a	16' 9"a	16' 9"a	15' 7"a	15' 7"a	15' 7"a	14' 8"a	14' 8"a	14' 8"a	13' 9"a	13' 9"a	13' 9"a	13' 0"a	13' 0"a	13' 0"a
	33	24	14' 2"a	14' 2"a	14' 2"a	13' 0"a	13' 0"a	13' 0"a	12' 1"a	12' 1"a	12' 1"a	11' 2"a	11' 2"a	11' 2"a	10' 6"a	10' 6"a	10' 6"a	9' 10"a	9' 10"a	9' 10"a
800S250-54	50	12	27' 9"	27' 9"	25' 8"	26' 0"	26' 0"	24' 7"	24' 6"	24' 6"	23' 8"	23' 2"	23' 2"	22' 9"	22' 2"	22' 2"	22' 1"	21' 2"i	21' 2"i	21' 2"i
	50	16	24' 1"	24' 1"	23' 4"	22' 6"	22' 6"	22' 4"	21' 2"i	21' 2"i	21' 2"i	20' 1"i	20' 1"i	20' 1"i	19' 2"i	19' 2"i	19' 2"i	18' 4"a	18' 4"a	18' 4"a
	50	24	19' 7"i	19' 7"i	19' 7"i	18' 4"a	18' 4"a	18' 4"a	17' 3"a	17' 3"a	17' 3"a	16' 4"a	16' 4"a	16' 4"a	15' 8"a	15' 8"a	15' 8"a	14' 10"a	14' 10"a	14' 10"a
800S250-68	50	12	32' 6"	32' 6"	27' 10"	30' 4"	30' 4"	26' 8"	28' 8"	28' 8"	25' 7"	27' 2"	27' 2"	24' 9"	25' 10"	25' 10"	24' 0"	24' 9"	24' 9"	23' 3"
	50	16	28' 2"	28' 2"	25' 3"	26' 3"	26' 3"	24' 2"	24' 9"	24' 9"	23' 3"	23' 7"	23' 7"	22' 6"	22' 6"	22' 6"	21' 9"	21' 6"	21' 6"	21' 2"
	50	24	23' 0"	23' 0"	22' 1"	21' 6"	21' 6"	21' 2"	20' 3"	20' 3"	20' 3"	19' 2"i	19' 2"i	19' 2"i	18' 3"i	18' 3"i	18' 3"i	17' 7"i	17' 7"i	17' 7"i
800S250-97	50	12	41' 2"	37' 0"	31' 2"	38' 6"	35' 4"	29' 9"	36' 3"	34' 0"	28' 8"	34' 4"	32' 9"	27' 8"	32' 9"	31' 9"	26' 9"	31' 4"	30' 10"	26' 1"
	50	16	35' 7"	33' 7"	28' 3"	33' 3"	32' 1"	27' 1"	31' 4"	30' 10"	26' 1"	29' 9"	29' 9"	25' 2"	28' 4"	28' 4"	24' 4"	27' 2"	27' 2"	23' 8"
	50	24	29' 1"	29' 1"	24' 9"	27' 2"	27' 2"	23' 8"	25' 8"	25' 8"	22' 9"	24' 4"	24' 4"	22' 0"	23' 2"	23' 2"	21' 3"	22' 2"	22' 2"	20' 8"
800S300-43	33	12	21' 2"a	21' 2"a	21' 2"a	19' 9"a	19' 9"a	19' 9"a	18' 7"a	18' 7"a	18' 7"a	17' 6"a	17' 6"a	17' 6"a	16' 6"a	16' 6"a	16' 6"a	15' 7"a	15' 7"a	15' 7"a
	33	16	18' 2"a	18' 2"a	18' 2"a	16' 9"a	16' 9"a	16' 9"a	15' 7"a	15' 7"a	15' 7"a	14' 8"a	14' 8"a	14' 8"a	13' 9"a	13' 9"a	13' 9"a	13' 0"a	13' 0"a	13' 0"a
	33	24	14' 2"a	14' 2"a	14' 2"a	13' 0"a	13' 0"a	13' 0"a	12' 1"a	12' 1"a	12' 1"a	11' 2"a	11' 2"a	11' 2"a	10' 6"a	10' 6"a	10' 6"a	9' 10"a	9' 10"a	9' 10"a
800S300-54	50	12	28' 2"	28' 2"	26' 3"	26' 4"	26' 4"	25' 2"	24' 9"	24' 9"	24' 2"	23' 7"	23' 7"	23' 4"	22' 6"i	22' 6"i	22' 6"i	21' 6"i	21' 6"i	21' 6"i
	50	16	24' 4"	24' 4"	23' 10"	22' 9"	22' 9"	22' 9"	21' 6"i	21' 6"i	21' 6"i	20' 4"i	20' 4"i	20' 4"i	19' 6"i	19' 6"i	19' 6"i	18' 7"a	18' 7"a	18' 7"a
	50	24	19' 10"i	19' 10"i	19' 10"i	18' 7"a	18' 7"a	18' 7"a	17' 7"a	17' 7"a	17' 7"a	16' 7"a	16' 7"a	16' 7"a	15' 8"a	15' 8"a	15' 8"a	14' 10"a	14' 10"a	14' 10"a
800S300-68	50	12	33' 1"	33' 1"	28' 7"	30' 10"	30' 10"	27' 3"	29' 2"	29' 2"	26' 3"	27' 8"	27' 8"	25' 4"	26' 4"	26' 4"	24' 7"	25' 2"	25' 2"	23' 10"
	50	16	28' 7"	28' 7"	26' 0"	26' 9"	26' 9"	24' 9"	25' 2"	25' 2"	23' 10"	24' 0"	24' 0"	23' 1"	22' 9"	22' 9"	22' 3"	21' 10"	21' 10"	21' 8"
	50	24	23' 4"	23' 4"	22' 8"	21' 10"	21' 10"	21' 8"	20' 7"	20' 7"	20' 7"	19' 7"i	19' 7"i	19' 7"i	18' 7"i	18' 7"i	18' 7"i	17' 10"i	17' 10"i	17' 10"i
800S300-97	50	12	42' 0"	38' 2"	32' 2"	39' 3"	36' 7"	30' 9"	37' 1"	35' 2"	29' 8"	35' 2"	33' 10"	28' 7"	33' 6"	32' 10"	27' 8"	32' 1"	31' 10"	26' 10"
	50	16	36' 4"	34' 8"	29' 3"	34' 0"	33' 2"	28' 0"	32' 1"	31' 10"	26' 10"	30' 4"	30' 4"	26' 0"	29' 0"	29' 0"	25' 2"	27' 9"	27' 9"	24' 6"
	50	24	29' 8"	29' 8"	25' 7"	27' 9"	27' 9"	24' 6"	26' 2"	26' 2"	23' 6"	24' 10"	24' 10"	22' 8"	23' 8"	23' 8"	22' 0"	22' 8"	22' 8"	21' 4"
800S350-54	50	12	31' 3"	31' 3"	27' 9"	29' 3"	29' 3"	26' 7"	27' 7"i	27' 7"i	25' 6"	26' 2"i	26' 2"i	24' 8"i	25' 0"i	25' 0"i	23' 10"i	23' 10"i	23' 10"i	23' 2"i
	50	16	27' 1"i	27' 1"i	25' 2"	25' 4"i	25' 4"i	24' 1"i	23' 10"i	23' 10"i	23' 2"i	22' 8"a	22' 8"a	22' 4"a	21' 7"a	21' 7"a	21' 7"a	20' 6"a	20' 6"a	20' 6"a
	50	24	22' 1"a	22' 1"a	22' 0"a	20' 6"a	20' 6"a	20' 6"a	19' 2"a	19' 2"a	19' 2"a	18' 0"a	18' 0"a	18' 0"a	17' 0"a	17' 0"a	17' 0"a	16' 1"a	16' 1"a	16' 1"a
800S350-68	50	12	36' 8"	36' 0"	30' 3"	34' 3"	34' 3"	29' 0"	32' 3"	32' 3"	27' 10"	30' 8"	30' 8"	26' 10"	29' 3"	29' 3"	26' 1"	28' 0"	28' 0"	25' 3"
	50	16	31' 9"	31' 9"	27' 7"	29' 8"	29' 8"	26' 4"	28' 0"	28' 0"	25' 3"	26' 7"	26' 7"	24' 6"	25' 3"i	25' 3"i	23' 8"	24' 3"i	24' 3"i	23' 0"
	50	24	25' 10"	25' 10"	24' 1"	24' 3"i	24' 3"i	23' 0"	22' 10"i	22' 10"i	22' 1"i	21' 8"i	21' 8"i	21' 4"i	20' 8"a	20' 8"a	20' 8"a	19' 9"a	19' 9"a	19' 9"a
800S350-97	50	12	46' 3"	40' 6"	34' 1"	43' 4"	38' 8"	32' 7"	41' 0"	37' 2"	31' 4"	38' 10"	35' 10"	30' 3"	37' 0"	34' 9"	29' 4"	35' 6"	33' 9"	28' 6"
	50	16	40' 2"	36' 9"	31' 0"	37' 7"	35' 2"	29' 8"	35' 6"	33' 9"	28' 6"	33' 7"	32' 7"	27' 6"	32' 1"	31' 7"	26' 8"	30' 8"	30' 8"	25' 10"
	50	24	32' 9"	32' 1"	27' 1"	30' 8"	30' 8"	25' 10"	29' 0"	29' 0"	24' 10"	27' 6"	27' 6"	24' 0"	26' 2"	26' 2"	23' 3"	25' 1"	25' 1"	22' 7"

NOTES:

1) $p = I_w \{qC_eC_gC_p\}$; I_w of 0.75 has been incorpotated in the deflection values of the table.
The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.
2) "e" web stiffeners required at ends; "i" web stiffeners required at interior support; "a" web stiffeners required at ends and interior supports.

Combined Axial and Lateral Loads

Table Notes

1. Limiting factored axial resistances are based on simple span and are given in kips (1 kip = 1,000 lb).
2. Axial resistances are based on Section H1 of S136-16 with the assumption that the axial load passes through the centroid of the effective section and studs are braced at 4'-0" o.c.
3. Studs are assumed to be adequately braced at a maximum spacing of L_u to develop the full factored moment resistance, M_r.
4. For deflection calculations, the SLS importance factor for wind load is 0.75.
5. End supports have not been checked for web crippling. See web crippling tables on page 183 .

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	3.03	4.15	6.28	8.06	11.7	3.59	5.09	7.81	9.95	14.1	3.87	5.75	8.74	11.5	16.2	4.02	5.86	8.78	12.1	17.8
	16	3.03	4.15	6.28	8.06	11.7	3.59	5.09	7.81	9.95	14.1	3.87	5.75	8.74	11.5	16.2	4.02	5.86	8.78	12.1	17.8
	24	3.03	4.15	6.28	8.06	11.7	3.59	5.09	7.81	9.95	14.1	3.87	5.75	8.74	11.5	16.2	4.02	5.86	8.78	12.1	17.8
9	12	2.93	4.01	5.94	7.57	10.9	3.48	4.90	7.35	9.30	13.1	3.75	5.58	8.34	10.8	15.1	3.90	5.71	8.40	11.5	17.0
	16	2.93	4.01	5.94	7.57	10.9	3.48	4.90	7.35	9.30	13.1	3.75	5.58	8.34	10.8	15.1	3.90	5.70	8.40	11.5	17.0
	24	2.93	4.00	5.94	7.57	10.9	3.47	4.89	7.35	9.30	13.1	3.75	5.58	8.34	10.8	15.1	3.90	5.70	8.40	11.5	17.0
10	12	2.81	3.84	5.56	7.03	10.1	3.35	4.67	6.84	8.60	12.1	3.62	5.39	7.92	9.99	14.0	3.77	5.53	7.98	10.7	15.8
	16	2.81	3.84	5.56	7.03	10.1	3.35	4.67	6.84	8.60	12.1	3.62	5.39	7.92	9.99	14.0	3.77	5.53	7.98	10.7	15.8
	24	2.81	3.84	5.56	7.03	10.1	3.35	4.67	6.84	8.60	12.1	3.62	5.39	7.92	9.99	14.0	3.77	5.53	7.98	10.7	15.8
12	12	2.53	3.45	4.65	5.82	8.22	3.05	4.17	5.69	7.08	9.87	3.31	4.85	6.66	8.27	11.5	3.47	5.11	7.14	9.22	13.1
	16	2.53	3.45	4.65	5.82	8.22	3.05	4.17	5.69	7.08	9.87	3.31	4.85	6.66	8.27	11.5	3.47	5.11	7.14	9.22	13.1
	24	2.53	3.45	4.65	5.82	8.22	3.05	4.17	5.69	7.08	9.87	3.31	4.85	6.66	8.27	11.5	3.47	5.11	7.14	9.22	13.1
14	12	2.21	3.00	3.81	4.74	6.59	2.69	3.62	4.63	5.73	7.92	2.97	4.23	5.43	6.72	9.29	3.14	4.64	6.13	7.69	10.6
	16	2.21	3.00	3.81	4.74	6.59	2.68	3.62	4.63	5.73	7.92	2.97	4.23	5.43	6.72	9.29	3.14	4.64	6.13	7.69	10.6
	24	2.20	3.00	3.81	4.74	6.59	2.68	3.62	4.63	5.73	7.92	2.97	4.23	5.43	6.72	9.29	3.13	4.64	6.13	7.69	10.6
16	12	1.87	2.53	3.13	3.87	5.33	2.27	3.06	3.79	4.68	6.43	2.61	3.59	4.45	5.51	7.58	2.78	4.11	5.11	6.33	8.72
	16	1.87	2.53	3.13	3.87	5.33	2.27	3.06	3.79	4.68	6.43	2.61	3.59	4.45	5.51	7.58	2.78	4.11	5.11	6.33	8.72
	24	1.87	2.53	3.13	3.87	5.33	2.27	3.06	3.79	4.68	6.42	2.60	3.59	4.45	5.51	7.58	2.77	4.11	5.11	6.32	8.71
18	12	1.58	2.10	2.59	3.20	4.37	1.91	2.54	3.13	3.86	5.28	2.25	2.99	3.69	4.56	6.26	2.43	3.44	4.25	5.26	7.23
	16	1.58	2.10	2.59	3.20	4.37	1.91	2.54	3.13	3.86	5.28	2.25	2.99	3.69	4.56	6.26	2.43	3.43	4.25	5.26	7.23
	24	1.58	2.10	2.59	3.20	4.37	1.91	2.53	3.13	3.86	5.28	2.25	2.99	3.69	4.56	6.26	2.42	3.43	4.25	5.26	7.22
20	12	1.35	1.76	2.17	2.67	3.63	1.62	2.12	2.62	3.23	4.40	1.92	2.51	3.10	3.83	5.23	2.13	2.89	3.57	4.42	6.06
	16	1.35	1.76	2.17	2.67	3.63	1.62	2.12	2.62	3.23	4.40	1.91	2.51	3.10	3.82	5.23	2.13	2.89	3.57	4.42	6.06
	24	1.34	1.76	2.17	2.67	3.63	1.62	2.12	2.62	3.23	4.40	1.91	2.51	3.10	3.82	5.23	2.13	2.89	3.57	4.42	6.06

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	2.58	3.69	5.85	7.63	11.3	3.10	4.60	7.34	9.49	13.7	3.38	5.22	8.24	11.0	15.8	3.55	5.36	8.32	11.6	17.4
	16	2.43	3.54	5.72	7.49	11.1	2.94	4.44	7.18	9.34	13.5	3.23	5.06	8.08	10.9	15.6	3.39	5.19	8.16	11.5	17.2
	24	2.15	3.26	5.45	7.23	10.9	2.64	4.13	6.88	9.04	13.3	2.92	4.73	7.77	10.6	15.3	3.09	4.87	7.87	11.1	16.9
9	12	2.35	3.42	5.40	7.03	10.4	2.85	4.26	6.74	8.72	12.6	3.13	4.90	7.70	10.2	14.5	3.30	5.05	7.80	10.9	16.4
	16	2.18	3.24	5.23	6.86	10.2	2.66	4.06	6.55	8.53	12.4	2.94	4.69	7.49	10.0	14.4	3.11	4.84	7.61	10.7	16.2
	24	1.84	2.89	4.90	6.53	9.9	2.29	3.68	6.19	8.17	12.1	2.57	4.28	7.10	9.6	14.0	2.74	4.44	7.24	10.3	15.8
10	12	2.11	3.12	4.90	6.37	9.5	2.58	3.89	6.10	7.89	11.4	2.86	4.54	7.11	9.21	13.3	3.02	4.71	7.24	10.0	15.0
	16	1.90	2.90	4.70	6.17	9.3	2.35	3.66	5.88	7.66	11.2	2.63	4.28	6.87	8.96	13.0	2.80	4.45	7.00	9.7	14.8
	24	1.52	2.49	4.32	5.78	8.9	1.93	3.22	5.45	7.24	10.8	2.19	3.80	6.39	8.50	12.6	2.36	3.97	6.56	9.2	14.3
12	12	1.59	2.46	3.80	4.97	7.42	2.00	3.11	4.75	6.16	9.03	2.26	3.68	5.60	7.25	10.5	2.44	3.94	6.08	8.15	12.1
	16	1.34[4]	2.20	3.56	4.73	7.18	1.72	2.81	4.48	5.90	8.78	1.98	3.35	5.30	6.95	10.3	2.14	3.60	5.77	7.83	11.8
	24	0.90[3]	1.71[4]	3.12	4.28	6.74	1.22[3]	2.28[4]	3.99	5.40	8.31	1.45[4]	2.76	4.75	6.40	9.7	1.61[4]	2.99	5.19	7.24	11.2
14	12	1.11[3]	1.83	2.85	3.78	5.69	1.44[4]	2.34	3.56	4.69	6.97	1.69	2.80	4.23	5.56	8.19	1.85	3.13	4.82	6.41	9.5
	16	0.85[3]	1.54[3]	2.60[4]	3.52	5.43	1.14[3]	2.03[4]	3.28	4.41	6.69	1.37[3]	2.45	3.91	5.24	7.87	1.52[4]	2.75	4.47	6.05	9.1
	24	0.39[2]	1.04[3]	2.15[3]	3.06[3]	4.97	0.62[2]	1.47[3]	2.79[3]	3.90[4]	6.20	0.81[3]	1.82[3]	3.35[4]	4.67	7.30	0.94[3]	2.07[3]	3.85[4]	5.42	8.5
16	12	0.72[3]	1.29[3]	2.12[4]	2.86	4.37	0.96[3]	1.69[3]	2.67	3.58	5.40	1.18[3]	2.05[4]	3.19	4.26	6.39	1.32[3]	2.37	3.69	4.94	7.42
	16	0.46[2]	1.01[3]	1.87[3]	2.60[3]	4.12	0.67[2]	1.38[3]	2.39[3]	3.30[4]	5.13	0.86[3]	1.69[3]	2.87[4]	3.94	6.06	0.98[3]	1.97[3]	3.34[4]	4.58	7.06
	24		0.52[2]	1.44[2]	2.15[3]	3.67[3]	0.17[1]	0.84[2]	1.91[3]	2.80[3]	4.63[4]	0.30[2]	1.09[2]	2.33[3]	3.38[3]	5.49	0.39[2]	1.29[3]	2.72[3]	3.95[3]	6.43
18	12	0.42[2]	0.87[2]	1.57[3]	2.17[3]	3.39	0.60[2]	1.18[3]	2.00[3]	2.74[4]	4.23	0.77[2]	1.45[3]	2.40[3]	3.28	5.02	0.89[3]	1.69[3]	2.80[4]	3.82	5.86
	16	0.18[1]	0.60[2]	1.34[2]	1.92[3]	3.15[3]	0.32[2]	0.88[2]	1.74[3]	2.47[3]	3.96[4]	0.46[2]	1.11[3]	2.11[3]	2.97[3]	4.70	0.56[2]	1.31[3]	2.46[3]	3.48[4]	5.51
	24		0.15[1]	0.93[1]	1.50[2]	2.72[3]		0.38[1]	1.29[2]	2.00[2]	3.48[3]		0.54[2]	1.59[2]	2.44[3]	4.14[3]		0.66[2]	1.87[2]	2.87[3]	4.89[3]
20	12	0.21[1]	0.56[2]	1.16[2]	1.65[3]	2.66[3]	0.34[1]	0.80[2]	1.50[3]	2.11[3]	3.34[4]	0.46[2]	1.00[2]	1.82[3]	2.54[3]	3.98	0.56[2]	1.18[3]	2.12[3]	2.98[3]	4.67
	16		0.31[1]	0.94[1]	1.42[2]	2.42[3]		0.53[1]	1.26[2]	1.85[2]	3.08[3]	0.17[1]	0.69[2]	1.54[2]	2.25[3]	3.67[3]	0.24[1]	0.82[2]	1.80[2]	2.64[3]	4.33[4]
	24			0.56[1]	1.02[1]	2.02[2]			0.83[1]	1.41[1]	2.63[2]		0.16[1]	1.05[1]	1.74[2]	3.14[3]		0.22[1]	1.25[1]	2.07[2]	3.74[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	2.15	3.26	5.45	7.23	10.9	2.64	4.13	6.88	9.04	13.3	2.92	4.73	7.77	10.6	15.3	3.09	4.87	7.87	11.1	16.9
	16	1.89	2.98	5.19	6.96	10.6	2.35	3.83	6.59	8.76	13.0	2.63	4.41	7.46	10.2	15.0	2.80	4.55	7.57	10.8	16.6
	24	1.38	2.46	4.69	6.46	10.2	1.80	3.26	6.04	8.20	12.5	2.07	3.80	6.87	9.6	14.4	2.24	3.95	7.01	10.2	16.0
9	12	1.84	2.89	4.90	6.53	9.9	2.29	3.68	6.19	8.17	12.1	2.57	4.28	7.10	9.6	14.0	2.74	4.44	7.24	10.3	15.8
	16	1.52	2.56	4.59	6.21	9.6	1.95	3.32	5.84	7.82	11.8	2.22	3.89	6.72	9.2	13.6	2.38	4.05	6.88	9.9	15.4
	24	0.94[3]	1.94[4]	4.00	5.61	9.0	1.31[4]	2.65	5.18	7.16	11.2	1.56[4]	3.16	6.01	8.43	12.9	1.72	3.32	6.19	9.1	14.6
10	12	1.52	2.49	4.32	5.78	8.9	1.93	3.22	5.45	7.24	10.8	2.19	3.80	6.39	8.50	12.6	2.36	3.97	6.56	9.2	14.3
	16	1.16[4]	2.12	3.96	5.42	8.5	1.54[4]	2.80	5.05	6.84	10.5	1.79	3.34	5.95	8.05	12.1	1.95	3.52	6.13	8.8	13.9
	24	0.52[3]	1.43[3]	3.30[4]	4.74	7.86	0.83[3]	2.05[4]	4.32	6.10	9.75	1.06[3]	2.51[4]	5.13	7.23	11.3	1.20[3]	2.68	5.34	7.94	13.0
12	12	0.90[3]	1.71[4]	3.12	4.28	6.74	1.22[3]	2.28[4]	3.99	5.40	8.31	1.45[4]	2.76	4.75	6.40	9.7	1.61[4]	2.99	5.19	7.24	11.2
	16	0.51[2]	1.28[3]	2.73[3]	3.87[4]	6.33	0.78[3]	1.81[3]	3.54[4]	4.95	7.87	0.99[3]	2.23[4]	4.25	5.90	9.2	1.13[3]	2.44[4]	4.67	6.70	10.6
	24		0.53[2]	2.03[3]	3.14[3]	5.59[4]		0.98[2]	2.76[3]	4.15[3]	7.07	0.17[2]	1.29[3]	3.36[3]	4.99[4]	8.28	0.27[2]	1.45[3]	3.73[3]	5.71[4]	9.6
14	12	0.39[2]	1.04[3]	2.15[3]	3.06[3]	4.97	0.62[2]	1.47[3]	2.79[3]	3.90[4]	6.20	0.81[3]	1.82[3]	3.35[4]	4.67	7.30	0.94[3]	2.07[3]	3.85[4]	5.42	8.5
	16		0.60[2]	1.76[2]	2.65[3]	4.56[3]	0.17[2]	0.99[2]	2.35[3]	3.45[3]	5.75[4]	0.32[2]	1.28[3]	2.85[3]	4.15[3]	6.77	0.42[2]	1.47[3]	3.29[3]	4.84[4]	7.9
	24			1.08[1]	1.93[2]	3.82[3]		0.16[1]	1.59[2]	2.66[2]	4.94[3]		0.34[2]	1.98[2]	3.25[3]	5.84[3]		0.44[2]	2.33[2]	3.84[3]	6.88[4]
16	12		0.52[2]	1.44[2]	2.15[3]	3.67[3]	0.17[1]	0.84[2]	1.91[3]	2.80[3]	4.63[4]	0.30[2]	1.09[2]	2.33[3]	3.38[3]	5.49	0.39[2]	1.29[3]	2.72[3]	3.95[3]	6.43
	16		0.11[1]	1.07[1]	1.76[2]	3.27[3]		0.38[1]	1.50[2]	2.37[2]	4.19[3]		0.56[2]	1.85[2]	2.88[3]	4.97[3]		0.69[2]	2.18[2]	3.40[3]	5.86[4]
	24			0.43[1]	1.08[1]	2.57[2]			0.78[1]	1.62[1]	3.42[2]			1.03[1]	2.03[2]	4.07[3]			1.26[1]	2.43[2]	4.86[3]
18	12		0.15[1]	0.93[1]	1.50[2]	2.72[3]		0.38[1]	1.29[2]	2.00[2]	3.48[3]		0.54[2]	1.59[2]	2.44[3]	4.14[3]		0.66[2]	1.87[2]	2.87[3]	4.89[3]
	16			0.58[1]	1.13[1]	2.34[2]			0.90[1]	1.59[1]	3.06[2]			1.14[1]	1.97[2]	3.65[3]		0.11[1]	1.37[1]	2.34[2]	4.34[3]
	24				0.50[1]	1.68[1]			0.23[1]	0.89[1]	2.34[1]			0.38[1]	1.17[1]	2.80[2]			0.50[1]	1.44[1]	3.40[2]
20	12			0.56[1]	1.02[1]	2.02[2]			0.83[1]	1.41[1]	2.63[2]		0.16[1]	1.05[1]	1.74[2]	3.14[3]		0.22[1]	1.25[1]	2.07[2]	3.74[3]
	16			0.24[1]	0.68[1]	1.66[1]			0.47[1]	1.03[1]	2.24[1]			0.64[1]	1.30[1]	2.68[2]			0.78[1]	1.58[1]	3.22[2]
	24					1.06[1]				0.38[1]	1.56[1]				0.56[1]	1.88[1]				0.74[1]	2.33[1]

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	2.85	5.06	6.83	10.5	2.21	3.68	6.45	8.62	12.9	2.49	4.25	7.31	10.1	14.9	2.66	4.40	7.43	10.7	16.5
	16	1.38	2.46	4.69	6.46	10.2	1.80	3.26	6.04	8.20	12.5	2.07	3.80	6.87	9.6	14.4	2.24	3.95	7.01	10.2	16.0
	24	0.69[3]	1.73[4]	3.99	5.74	9.5	1.04[4]	2.46	5.25	7.41	11.8	1.29[4]	2.94	6.03	8.8	13.6	1.45	3.09	6.20	9.4	15.2
9	12	1.37	2.40	4.44	6.05	9.5	1.78	3.15	5.67	7.65	11.6	2.05	3.70	6.54	9.0	13.4	2.21	3.86	6.70	9.7	15.2
	16	0.94[3]	1.94[4]	4.00	5.61	9.0	1.31[4]	2.65	5.18	7.16	11.2	1.56[4]	3.16	6.01	8.4	12.9	1.72	3.32	6.19	9.1	14.6
	24	0.16[3]	1.11[3]	3.19[3]	4.77[4]	8.2	0.45[3]	1.74[3]	4.27[4]	6.24	10.3	0.67[3]	2.16[4]	5.02	7.4	11.9	0.81[3]	2.31[4]	5.23	8.1	13.6
10	12	0.99[3]	1.94[4]	3.79	5.24	8.4	1.35[4]	2.61	4.86	6.65	10.3	1.60[4]	3.13	5.74	7.84	11.9	1.76	3.30	5.93	8.6	13.7
	16	0.52[3]	1.43[3]	3.30[4]	4.74	7.9	0.83[3]	2.05[4]	4.32	6.10	9.8	1.06[3]	2.51[4]	5.13	7.23	11.3	1.20[3]	2.68	5.34	7.9	13.0
	24		0.53[2]	2.43[3]	3.83[3]	6.94[4]		1.06[3]	3.34[3]	5.10[4]	8.8	0.08[2]	1.40[3]	4.04[3]	6.10	10.2	0.20[3]	1.54[3]	4.25[4]	6.8	11.8
12	12	0.32[2]	1.08[3]	2.54[3]	3.68[4]	6.14	0.57[3]	1.59[3]	3.34[3]	4.74[4]	7.66	0.77[3]	1.98[3]	4.01[4]	5.66	9.0	0.90[3]	2.18[4]	4.42[4]	6.44	10.4
	16		0.53[2]	2.03[3]	3.14[3]	5.59[4]		0.98[2]	2.76[3]	4.15[3]	7.07	0.17[2]	1.29[3]	3.36[3]	4.99[4]	8.3	0.27[2]	1.45[3]	3.73[3]	5.71[4]	9.6
	24			1.12[2]	2.19[2]	4.61[3]			1.74[2]	3.10[2]	6.00[3]		0.10[2]	2.20[2]	3.80[3]	7.06[3]		0.19[2]	2.50[2]	4.41[3]	8.29[4]
14	12		0.40[2]	1.58[2]	2.46[3]	4.36[3]		0.77[2]	2.15[3]	3.24[3]	5.53[4]	0.10[2]	1.03[2]	2.62[3]	3.92[3]	6.53	0.19[2]	1.20[3]	3.04[3]	4.58[3]	7.6
	16			1.08[1]	1.93[2]	3.82[3]		0.16[1]	1.59[2]	2.66[2]	4.94[3]		0.34[2]	1.98[2]	3.25[3]	5.84[3]		0.44[2]	2.33[2]	3.84[3]	6.88[4]
	24			0.22[1]	1.02[1]	2.88[2]			0.62[1]	1.65[1]	3.91[2]			0.88[1]	2.11[2]	4.63[3]			1.10[1]	2.55[2]	5.54[3]
16	12			0.90[1]	1.58[2]	3.08[2]		0.17[1]	1.31[2]	2.17[2]	3.99[3]		0.32[1]	1.63[2]	2.66[2]	4.73[3]		0.42[2]	1.93[2]	3.14[3]	5.59[3]
	16			0.43[1]	1.08[1]	2.57[2]			0.78[1]	1.62[1]	3.42[2]			1.03[1]	2.03[2]	4.07[3]			1.26[1]	2.43[2]	4.86[3]
	24				0.23[1]	1.68[1]				0.68[1]	2.45[1]				0.95[1]	2.93[2]			0.10[1]	1.22[1]	3.59[2]
18	12			0.42[1]	0.96[1]	2.16[2]			0.72[1]	1.40[1]	2.87[2]			0.94[1]	1.75[2]	3.42[2]			1.13[1]	2.10[2]	4.09[3]
	16				0.50[1]	1.68[1]			0.23[1]	0.89[1]	2.34[1]			0.38[1]	1.17[1]	2.80[2]			0.50[1]	1.44[1]	3.40[2]
	24					0.87[1]					1.44[1]				0.17[1]	1.73[1]				0.32[1]	2.20[1]
20	12				0.52[1]	1.50[1]			0.31[1]	0.86[1]	2.06[1]			0.45[1]	1.10[1]	2.46[2]			0.57[1]	1.35[1]	2.98[2]
	16					1.06[1]				0.38[1]	1.56[1]				0.56[1]	1.88[1]				0.74[1]	2.33[1]
	24					0.30[1]					0.72[1]					0.89[1]					1.22[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	1.38	2.46	4.69	6.46	10.2	1.80	3.26	6.04	8.20	12.5	2.07	3.80	6.87	9.6	14.4	2.24	3.95	7.01	10.2	16.0
	16	0.91[3]	1.97	4.22	5.97	9.7	1.29[4]	2.72	5.51	7.67	12.0	1.55	3.22	6.30	9.0	13.9	1.71	3.37	6.46	9.6	15.5
	24		1.05[3]	3.33[4]	5.06	8.8	0.34[3]	1.72[3]	4.51	6.67	11.1	0.57[3]	2.13[4]	5.24	7.9	12.8	0.71[3]	2.28	5.43	8.5	14.3
9	12	0.94[3]	1.94[4]	4.00	5.61	9.0	1.31[4]	2.65	5.18	7.16	11.2	1.56[4]	3.16	6.01	8.4	12.9	1.72	3.32	6.19	9.1	14.6
	16	0.41[3]	1.38[3]	3.45[4]	5.04	8.5	0.72[3]	2.03[4]	4.57	6.54	10.6	0.95[3]	2.48	5.34	7.7	12.2	1.10[3]	2.64	5.54	8.4	13.9
	24		0.36[2]	2.46[3]	4.00[3]	7.4		0.91[3]	3.45[3]	5.40[4]	9.5		1.24[3]	4.11[3]	6.5	11.0		1.38[3]	4.33[4]	7.1	12.6
10	12	0.52[3]	1.43[3]	3.30[4]	4.74	7.9	0.83[3]	2.05[4]	4.32	6.10	9.8	1.06[3]	2.51[4]	5.13	7.23	11.3	1.20[3]	2.68	5.34	7.9	13.0
	16		0.82[3]	2.71[3]	4.12[3]	7.2	0.20[2]	1.37[3]	3.65[3]	5.42[4]	9.1	0.39[3]	1.76[3]	4.39[4]	6.46	10.6	0.52[3]	1.91[3]	4.60[4]	7.2	12.2
	24			1.65[2]	3.01[3]	6.10[3]		0.17[2]	2.46[3]	4.19[3]	7.87[4]		0.42[2]	3.05[3]	5.09[3]	9.2		0.52[3]	3.27[3]	5.70[3]	10.7
12	12		0.53[2]	2.03[3]	3.14[3]	5.59[4]		0.98[2]	2.76[3]	4.15[3]	7.07	0.17[2]	1.29[3]	3.36[3]	4.99[4]	8.3	0.27[2]	1.45[3]	3.73[3]	5.71[4]	9.6
	16			1.41[2]	2.49[2]	4.92[3]		0.25[2]	2.07[2]	3.43[3]	6.34[3]		0.48[2]	2.57[3]	4.17[3]	7.45[4]		0.59[2]	2.89[3]	4.82[3]	8.7
	24			0.34[1]	1.35[1]	3.74[2]			0.86[1]	2.17[2]	5.06[3]			1.20[2]	2.75[2]	5.96[3]			1.43[2]	3.27[2]	7.09[3]
14	12			1.08[1]	1.93[2]	3.82[3]		0.16[1]	1.59[2]	2.66[2]	4.94[3]		0.34[2]	1.98[2]	3.25[3]	5.84[3]		0.44[2]	2.33[2]	3.84[3]	6.88[4]
	16			0.49[1]	1.30[1]	3.18[2]			0.93[1]	1.97[2]	4.23[2]			1.23[1]	2.47[2]	5.01[3]			1.49[2]	2.96[2]	5.97[3]
	24				0.23[1]	2.06[1]				0.78[1]	3.00[1]				1.11[1]	3.58[2]					1.44[1]	4.38[2]
16	12			0.43[1]	1.08[1]	2.57[2]			0.78[1]	1.62[1]	3.42[2]			1.03[1]	2.03[2]	4.07[3]			1.26[1]	2.43[2]	4.86[3]
	16				0.50[1]	1.96[1]			0.17[1]	0.97[1]	2.76[1]			0.33[1]	1.29[1]	3.29[2]			0.46[1]	1.60[1]	3.99[2]
	24					0.92[1]					1.61[1]					1.94[1]				0.19[1]	2.49[1]
18	12				0.50[1]	1.68[1]			0.23[1]	0.89[1]	2.34[1]			0.38[1]	1.17[1]	2.80[2]			0.50[1]	1.44[1]	3.40[2]
	16					1.12[1]				0.30[1]	1.72[1]				0.48[1]	2.07[1]				0.67[1]	2.58[1]
	24					0.17[1]					0.66[1]					0.82[1]					1.18[1]
20	12					1.06[1]				0.38[1]	1.56[1]				0.56[1]	1.88[1]				0.74[1]	2.33[1]
	16					0.54[1]					0.99[1]					1.20[1]					1.57[1]
	24																				0.27[1]

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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[4]	2.09	4.33	6.09	9.8	1.41	2.85	5.64	7.80	12.1	1.68	3.36	6.44	9.2	14.0	1.84	3.51	6.60	9.8	15.6
	16	0.47[3]	1.50[4]	3.77	5.50	9.2	0.80[3]	2.21[4]	5.00	7.16	11.5	1.05[4]	2.66	5.76	8.5	13.3	1.20[4]	2.81	5.94	9.1	14.9
	24		0.42[3]	2.72[3]	4.41[4]	8.2		1.02[3]	3.82[3]	5.96	10.4		1.37[3]	4.49[4]	7.1	12.0		1.51[4]	4.69	7.7	13.6
9	12	0.54[3]	1.52[3]	3.59[4]	5.18	8.6	0.86[3]	2.18[4]	4.72	6.69	10.7	1.10[3]	2.65	5.50	7.9	12.4	1.25[4]	2.80	5.70	8.6	14.1
	16		0.85[3]	2.94[3]	4.51[4]	8.0	0.18[3]	1.45[3]	3.99[4]	5.95	10.0	0.39[3]	1.84[3]	4.71[4]	7.1	11.6	0.52[3]	1.99[4]	4.92	7.8	13.3
	24			1.78[2]	3.29[3]	6.72[3]		0.14[2]	2.68[3]	4.61[3]	8.68[4]		0.40[3]	3.27[3]	5.58[3]	10.1		0.51[3]	3.49[3]	6.20[4]	11.7
10	12		0.97[3]	2.85[3]	4.27[4]	7.4	0.35[3]	1.54[3]	3.82[4]	5.59	9.3	0.55[3]	1.94[3]	4.57[4]	6.65	10.8	0.69[3]	2.09[4]	4.78	7.3	12.4
	16		0.25[2]	2.16[3]	3.54[3]	6.65[4]		0.75[3]	3.04[3]	4.79[3]	8.5		1.06[3]	3.70[3]	5.75[4]	9.9		1.19[3]	3.91[3]	6.40[4]	11.4
	24			0.93[2]	2.25[2]	5.33[3]			1.66[2]	3.36[3]	7.03[3]			2.15[2]	4.15[3]	8.22[3]			2.36[3]	4.71[3]	9.65[4]
12	12			1.56[2]	2.64[3]	5.08[3]		0.43[2]	2.23[2]	3.60[3]	6.52[3]		0.67[2]	2.76[3]	4.37[3]	7.65[4]		0.79[3]	3.09[3]	5.04[3]	8.9
	16			0.85[1]	1.90[2]	4.31[3]			1.44[2]	2.78[2]	5.68[3]			1.86[2]	3.43[3]	6.68[3]			2.13[2]	4.01[3]	7.88[3]
	24				0.60[1]	2.96[2]				1.34[1]	4.20[2]			0.30[1]	1.81[2]	4.97[2]			0.46[1]	2.23[2]	6.00[3]
14	12			0.63[1]	1.45[1]	3.33[2]			1.08[1]	2.14[2]	4.40[3]			1.41[2]	2.66[2]	5.21[3]			1.69[2]	3.17[2]	6.18[3]
	16				0.74[1]	2.59[1]			0.34[1]	1.35[1]	3.59[2]			0.56[1]	1.76[1]	4.26[2]			0.73[1]	2.17[2]	5.14[3]
	24					1.32[1]					2.19[1]				0.23[1]	2.63[1]				0.44[1]	3.33[2]
16	12				0.64[1]	2.11[1]			0.32[1]	1.13[1]	2.92[2]			0.50[1]	1.47[1]	3.47[2]			0.65[1]	1.80[1]	4.20[2]
	16					1.42[1]				0.40[1]	2.16[1]				0.63[1]	2.58[1]				0.86[1]	3.21[2]
	24					0.25[1]					0.86[1]					1.06[1]					1.51[1]
18	12					1.26[1]				0.44[1]	1.87[1]				0.65[1]	2.24[1]				0.85[1]	2.77[1]
	16					0.62[1]					1.17[1]					1.41[1]					1.85[1]
	24																				0.27[1]
20	12					0.66[1]					1.13[1]					1.36[1]				0.19[1]	1.75[1]
	16										0.48[1]					0.59[1]					0.89[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	0.69[3]	1.73[4]	3.99	5.74	9.5	1.04[4]	2.46	5.25	7.41	11.8	1.29[4]	2.94	6.03	8.8	13.6	1.45	3.09	6.20	9.4	15.2
	16		1.05[3]	3.33[4]	5.06	8.8	0.34[3]	1.72[3]	4.51	6.67	11.1	0.57[3]	2.13[4]	5.24	7.9	12.8	0.71[3]	2.28	5.43	8.5	14.3
	24			2.13[3]	3.80[3]	7.56[4]		0.36[3]	3.16[3]	5.29[4]	9.7		0.65[3]	3.77[3]	6.38[4]	11.3		0.77[3]	3.98[4]	7.0	12.8
9	12	0.16[3]	1.11[3]	3.19[3]	4.77[4]	8.2	0.45[3]	1.74[3]	4.27[4]	6.24	10.3	0.67[3]	2.16[4]	5.02	7.4	11.9	0.81[3]	2.31[4]	5.23	8.1	13.6
	16		0.36[2]	2.46[3]	4.00[3]	7.4		0.91[3]	3.45[3]	5.40[4]	9.5		1.24[3]	4.11[3]	6.5	11.0		1.38[3]	4.33[4]	7.1	12.6
	24			1.14[2]	2.62[2]	6.04[3]			1.97[2]	3.86[3]	7.94[3]			2.48[3]	4.75[3]	9.25[4]			2.70[3]	5.33[3]	10.8
10	12		0.53[2]	2.43[3]	3.83[3]	6.94[4]		1.06[3]	3.34[3]	5.10[4]	8.8		1.40[3]	4.04[3]	6.10	10.2	0.20[3]	1.54[3]	4.25[4]	6.8	11.8
	16			1.65[2]	3.01[3]	6.10[3]		0.17[2]	2.46[3]	4.19[3]	7.87[4]		0.42[2]	3.05[3]	5.09[3]	9.2		0.52[3]	3.27[3]	5.70[3]	10.7
	24			0.27[1]	1.55[2]	4.60[2]			0.92[2]	2.58[2]	6.25[3]			1.31[2]	3.27[3]	7.31[3]			1.51[2]	3.79[3]	8.67[3]
12	12			1.12[2]	2.19[2]	4.61[3]			1.74[2]	3.10[2]	6.00[3]		0.10[2]	2.20[2]	3.80[3]	7.06[3]		0.19[2]	2.50[2]	4.41[3]	8.29[4]
	16			0.34[1]	1.35[1]	3.74[2]			0.86[1]	2.17[2]	5.06[3]			1.20[2]	2.75[2]	5.96[3]			1.43[2]	3.27[2]	7.09[3]
	24					2.24[1]				0.58[1]	3.41[2]				0.94[1]	4.05[2]				1.28[1]	4.99[2]
14	12			0.22[1]	1.02[1]	2.88[2]			0.62[1]	1.65[1]	3.91[2]			0.88[1]	2.11[2]	4.63[3]			1.10[1]	2.55[2]	5.54[3]
	16				0.23[1]	2.06[1]				0.78[1]	3.00[1]				1.11[1]	3.58[2]				1.44[1]	4.38[2]
	24					0.65[1]					1.45[1]					1.76[1]					2.37[1]
16	12				0.23[1]	1.68[1]				0.68[1]	2.45[1]				0.95[1]	2.93[2]			0.10[1]	1.22[1]	3.59[2]
	16					0.92[1]					1.61[1]					1.94[1]				0.19[1]	2.49[1]
	24										0.18[1]					0.26[1]					0.61[1]
18	12					0.87[1]					1.44[1]				0.17[1]	1.73[1]				0.32[1]	2.20[1]
	16					0.17[1]					0.66[1]					0.82[1]					1.18[1]
	24																				
20	12					0.30[1]					0.72[1]					0.89[1]					1.22[1]
	16																				0.27[1]
	24																				

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		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	0.36[3]	1.39[3]	3.66[4]	5.39	9.1	0.68[3]	2.08[4]	4.88	7.04	11.4	0.92[3]	2.53	5.63	8.3	13.2	1.07[4]	2.68	5.81	8.9	14.8
	16		0.63[3]	2.92[3]	4.62[4]	8.4		1.25[3]	4.04[4]	6.19	10.6	0.11[3]	1.62[3]	4.73[4]	7.4	12.3	0.24[3]	1.76[4]	4.93	8.0	13.8
	24			1.57[2]	3.21[3]	6.97[3]			2.53[3]	4.64[3]	9.09[4]			3.09[3]	5.65[4]	10.6			3.30[3]	6.21[4]	12.0
9	12		0.72[3]	2.82[3]	4.38[4]	7.8		1.31[3]	3.85[3]	5.81	9.9	0.25[3]	1.69[3]	4.56[4]	6.9	11.4	0.38[3]	1.83[4]	4.77	7.6	13.1
	16			2.00[3]	3.52[3]	6.96[4]		0.39[3]	2.93[3]	4.86[3]	8.9		0.67[3]	3.55[3]	5.87[4]	10.4		0.79[3]	3.76[3]	6.49[4]	12.0
	24			0.54[2]	1.98[2]	5.38[3]			1.29[2]	3.16[3]	7.24[3]			1.73[2]	3.96[3]	8.45[3]			1.94[3]	4.50[3]	9.88[4]
10	12		0.12[2]	2.03[3]	3.41[3]	6.51[4]		0.60[2]	2.89[3]	4.63[3]	8.31[4]		0.90[3]	3.53[3]	5.58[4]	9.7		1.02[3]	3.75[3]	6.23[4]	11.2
	16			1.16[2]	2.50[2]	5.58[3]			1.92[2]	3.63[3]	7.31[3]			2.44[3]	4.45[3]	8.53[4]			2.65[3]	5.04[3]	10.0
	24				0.90[1]	3.92[2]			0.22[1]	1.86[2]	5.50[2]			0.53[2]	2.45[2]	6.46[3]			0.70[2]	2.92[2]	7.73[3]
12	12			0.72[1]	1.76[2]	4.17[2]			1.29[2]	2.62[2]	5.52[3]			1.69[2]	3.26[2]	6.50[3]			1.95[2]	3.82[3]	7.68[3]
	16				0.85[1]	3.21[2]			0.33[1]	1.61[1]	4.48[2]			0.59[1]	2.11[2]	5.29[3]			0.77[1]	2.56[2]	6.35[3]
	24					1.56[1]					2.67[1]				0.14[1]	3.19[2]				0.39[1]	4.04[2]
14	12				0.61[1]	2.45[1]			0.20[1]	1.20[1]	3.44[2]			0.40[1]	1.59[1]	4.09[2]			0.55[1]	1.98[2]	4.94[2]
	16					1.56[1]				0.26[1]	2.46[1]				0.51[1]	2.93[1]				0.77[1]	3.67[2]
	24										0.76[1]					0.96[1]					1.47[1]
16	12					1.29[1]				0.26[1]	2.02[1]				0.48[1]	2.42[1]				0.69[1]	3.02[1]
	16					0.46[1]					1.10[1]					1.34[1]					1.82[1]
	24																				
18	12					0.50[1]					1.03[1]					1.26[1]					1.68[1]
	16										0.19[1]					0.27[1]					0.57[1]
	24																				
20	12										0.35[1]					0.45[1]					0.73[1]
	16																				
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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	3.23	4.44	6.93	9.20	13.4	3.79	5.45	8.64	11.31	16.2	4.08	6.07	9.35	12.8	18.7	4.24	6.19	9.54	13.3	20.2
	16	3.23	4.44	6.93	9.20	13.4	3.79	5.45	8.64	11.31	16.2	4.08	6.07	9.35	12.8	18.7	4.24	6.19	9.54	13.3	20.2
	24	3.23	4.44	6.93	9.20	13.4	3.79	5.45	8.64	11.31	16.2	4.08	6.07	9.35	12.8	18.7	4.24	6.19	9.53	13.3	20.2
9	12	3.15	4.33	6.66	8.82	12.7	3.69	5.29	8.25	10.78	15.3	3.98	5.93	9.12	12.4	17.7	4.14	6.05	9.21	12.9	19.3
	16	3.15	4.33	6.66	8.82	12.7	3.69	5.29	8.24	10.78	15.3	3.98	5.93	9.12	12.4	17.7	4.14	6.05	9.21	12.9	19.3
	24	3.15	4.33	6.66	8.82	12.7	3.69	5.29	8.24	10.78	15.3	3.98	5.93	9.12	12.4	17.7	4.14	6.05	9.21	12.9	19.3
10	12	3.05	4.19	6.34	8.37	12.0	3.59	5.10	7.80	10.18	14.4	3.87	5.77	8.77	11.79	16.6	4.03	5.90	8.85	12.5	18.4
	16	3.05	4.19	6.33	8.37	12.0	3.59	5.10	7.80	10.18	14.4	3.87	5.77	8.77	11.79	16.6	4.03	5.90	8.84	12.5	18.4
	24	3.05	4.19	6.33	8.37	12.0	3.59	5.10	7.80	10.18	14.4	3.87	5.77	8.77	11.79	16.6	4.03	5.90	8.84	12.5	18.4
12	12	2.81	3.86	5.57	7.24	10.22	3.33	4.66	6.79	8.77	12.23	3.61	5.39	7.92	10.20	14.2	3.77	5.55	8.01	11.03	16.1
	16	2.81	3.85	5.57	7.24	10.22	3.33	4.66	6.79	8.77	12.23	3.61	5.39	7.92	10.20	14.2	3.77	5.55	8.01	11.03	16.1
	24	2.81	3.85	5.57	7.24	10.22	3.33	4.66	6.79	8.77	12.23	3.61	5.39	7.92	10.20	14.2	3.77	5.55	8.01	11.03	16.1
14	12	2.52	3.46	4.71	5.98	8.33	3.03	4.16	5.70	7.22	9.99	3.31	4.85	6.66	8.44	11.67	3.47	5.14	7.22	9.47	13.3
	16	2.52	3.46	4.71	5.98	8.33	3.03	4.16	5.70	7.22	9.99	3.30	4.85	6.66	8.44	11.67	3.47	5.14	7.22	9.47	13.3
	24	2.52	3.45	4.71	5.98	8.33	3.03	4.16	5.70	7.21	9.99	3.30	4.85	6.66	8.44	11.67	3.47	5.14	7.22	9.47	13.3
16	12	2.21	3.02	3.96	4.91	6.78	2.68	3.63	4.75	5.91	8.13	2.98	4.25	5.56	6.93	9.55	3.15	4.68	6.29	7.93	10.94
	16	2.21	3.02	3.96	4.91	6.78	2.68	3.63	4.75	5.91	8.13	2.98	4.25	5.56	6.93	9.55	3.15	4.68	6.29	7.93	10.94
	24	2.20	3.02	3.96	4.91	6.78	2.67	3.63	4.75	5.91	8.13	2.97	4.25	5.56	6.93	9.55	3.15	4.68	6.29	7.93	10.94
18	12	1.89	2.58	3.29	4.07	5.57	2.29	3.10	3.96	4.89	6.70	2.63	3.64	4.65	5.75	7.90	2.81	4.18	5.33	6.60	9.08
	16	1.88	2.58	3.29	4.07	5.57	2.28	3.10	3.96	4.89	6.70	2.63	3.64	4.65	5.75	7.89	2.81	4.18	5.33	6.59	9.08
	24	1.88	2.58	3.29	4.07	5.57	2.28	3.10	3.96	4.89	6.70	2.63	3.64	4.65	5.75	7.89	2.80	4.17	5.33	6.59	9.08
20	12	1.61	2.20	2.76	3.40	4.64	1.95	2.64	3.31	4.09	5.58	2.30	3.10	3.90	4.82	6.61	2.48	3.56	4.48	5.54	7.62
	16	1.61	2.20	2.76	3.40	4.63	1.95	2.64	3.31	4.09	5.58	2.30	3.10	3.90	4.82	6.61	2.48	3.56	4.48	5.54	7.62
	24	1.61	2.20	2.76	3.40	4.63	1.95	2.64	3.31	4.09	5.58	2.30	3.10	3.90	4.82	6.60	2.47	3.55	4.48	5.54	7.62

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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	2.81	4.02	6.53	8.79	13.0	3.34	5.00	8.19	10.86	15.8	3.63	5.59	8.90	12.4	18.3	3.80	5.72	9.10	12.9	19.8
	16	2.67	3.88	6.40	8.65	12.9	3.19	4.85	8.05	10.72	15.7	3.49	5.44	8.75	12.2	18.1	3.66	5.57	8.96	12.7	19.6
	24	2.41	3.61	6.14	8.39	12.7	2.91	4.56	7.76	10.43	15.4	3.20	5.13	8.46	11.9	17.8	3.38	5.27	8.68	12.4	19.3
9	12	2.61	3.78	6.14	8.28	12.3	3.12	4.70	7.67	10.20	14.8	3.41	5.32	8.52	11.8	17.1	3.58	5.46	8.65	12.3	18.7
	16	2.44	3.61	5.97	8.11	12.1	2.94	4.52	7.48	10.01	14.7	3.23	5.12	8.33	11.6	16.9	3.40	5.26	8.47	12.1	18.6
	24	2.12	3.28	5.65	7.77	11.8	2.59	4.15	7.12	9.64	14.3	2.88	4.74	7.96	11.2	16.5	3.05	4.89	8.11	11.7	18.2
10	12	2.39	3.51	5.69	7.70	11.4	2.88	4.37	7.08	9.45	13.7	3.16	5.00	8.02	10.99	15.9	3.34	5.15	8.14	11.7	17.6
	16	2.19	3.30	5.49	7.49	11.2	2.66	4.14	6.86	9.22	13.5	2.95	4.76	7.78	10.74	15.6	3.12	4.91	7.92	11.4	17.4
	24	1.81	2.91	5.10	7.08	10.8	2.25	3.71	6.43	8.78	13.1	2.53	4.29	7.32	10.25	15.2	2.70	4.46	7.48	11.0	16.9
12	12	1.89	2.90	4.67	6.31	9.36	2.33	3.63	5.80	7.76	11.33	2.61	4.26	6.82	9.08	13.2	2.79	4.45	7.00	9.91	15.0
	16	1.64	2.63	4.41	6.03	9.10	2.05	3.33	5.51	7.46	11.05	2.32	3.93	6.49	8.75	12.8	2.50	4.13	6.69	9.57	14.7
	24	1.18[3]	2.13	3.94	5.52	8.61	1.54[4]	2.79	4.98	6.90	10.53	1.80	3.33	5.90	8.13	12.2	1.96	3.52	6.11	8.93	14.0
14	12	1.40	2.26	3.64	4.88	7.32	1.78	2.87	4.52	6.03	8.92	2.04	3.41	5.34	7.11	10.43	2.21	3.69	5.87	8.06	12.0
	16	1.12[3]	1.95[4]	3.35	4.59	7.04	1.46[4]	2.53	4.20	5.70	8.61	1.71[4]	3.03	4.98	6.75	10.07	1.87	3.29	5.49	7.66	11.6
	24	0.62[3]	1.41[3]	2.84[3]	4.05[4]	6.51	0.90[3]	1.93[3]	3.64[4]	5.11	8.04	1.12[3]	2.36[4]	4.34	6.08	9.40	1.26[3]	2.59[4]	4.81	6.94	10.9
16	12	0.97[3]	1.68[4]	2.79	3.74	5.69	1.27[3]	2.17	3.47	4.64	6.97	1.50[4]	2.60	4.11	5.50	8.18	1.66[4]	2.92	4.70	6.34	9.47
	16	0.68[3]	1.36[3]	2.50[3]	3.44	5.40	0.94[3]	1.82[3]	3.15[4]	4.31	6.65	1.15[3]	2.21[4]	3.75	5.13	7.81	1.30[3]	2.49[4]	4.30	5.93	9.06
	24	0.19[2]	0.81[2]	1.99[3]	2.91[3]	4.87[4]	0.38[2]	1.21[3]	2.59[3]	3.73[3]	6.08	0.55[2]	1.53[3]	3.11[3]	4.47[4]	7.14	0.66[2]	1.75[3]	3.59[3]	5.19	8.33
18	12	0.61[2]	1.19[3]	2.10[3]	2.87[4]	4.45	0.84[3]	1.57[3]	2.64[4]	3.58	5.49	1.05[3]	1.92[4]	3.15	4.27	6.47	1.18[3]	2.23[4]	3.65	4.95	7.52
	16	0.34[2]	0.88[2]	1.82[3]	2.58[3]	4.16[4]	0.53[2]	1.24[3]	2.33[3]	3.26[3]	5.18	0.70[2]	1.53[3]	2.80[3]	3.90[4]	6.10	0.82[3]	1.79[3]	3.25[3]	4.54	7.12
	24		0.36[1]	1.34[2]	2.08[2]	3.66[3]		0.66[2]	1.80[2]	2.71[3]	4.62[3]	0.10[1]	0.88[2]	2.19[3]	3.27[3]	5.44[4]	0.18[2]	1.05[2]	2.56[3]	3.83[3]	6.40
20	12	0.35[2]	0.81[2]	1.58[3]	2.21[3]	3.51[4]	0.52[2]	1.12[3]	2.01[3]	2.78[3]	4.37	0.68[2]	1.38[3]	2.41[3]	3.33[4]	5.15	0.79[2]	1.61[3]	2.80[3]	3.88	6.03
	16		0.52[2]	1.31[2]	1.93[3]	3.24[3]	0.22[1]	0.80[2]	1.71[2]	2.48[3]	4.06[3]	0.35[2]	1.01[2]	2.08[3]	2.99[3]	4.80[4]	0.43[2]	1.19[3]	2.42[3]	3.49[3]	5.63
	24			0.86[1]	1.46[2]	2.76[2]		0.25[1]	1.21[1]	1.96[2]	3.54[3]		0.39[1]	1.50[2]	2.39[2]	4.17[3]		0.49[2]	1.77[2]	2.82[3]	4.94[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33.00	43.00	54.00	68.00	97.0	33.00	43.00	54.00	68.00	97.0	33.00	43.00	54.00	68.0	97.0	33.00	43.00	54.00	68.0	97.0
	12	2.41	3.61	6.14	8.39	12.7	2.91	4.56	7.76	10.43	15.4	3.20	5.13	8.46	11.9	17.8	3.38	5.27	8.68	12.4	19.3
8	16	2.16	3.35	5.89	8.12	12.4	2.64	4.27	7.48	10.14	15.2	2.93	4.84	8.18	11.6	17.5	3.10	4.98	8.40	12.1	19.1
	24	1.67	2.85	5.41	7.62	11.9	2.11	3.73	6.93	9.59	14.7	2.40	4.26	7.62	11.0	16.9	2.57	4.41	7.86	11.5	18.5
	12	2.12	3.28	5.65	7.77	11.8	2.59	4.15	7.12	9.64	14.3	2.88	4.74	7.96	11.2	16.5	3.05	4.89	8.11	11.7	18.2
9	16	1.81	2.96	5.34	7.44	11.5	2.26	3.81	6.78	9.29	14.0	2.54	4.37	7.59	10.8	16.2	2.72	4.52	7.76	11.4	17.8
	24	1.23[4]	2.35	4.75	6.82	10.9	1.63	3.15	6.12	8.61	13.4	1.90	3.66	6.90	10.02	15.4	2.07	3.82	7.09	10.6	17.1
	12	1.81	2.91	5.10	7.08	10.8	2.25	3.71	6.43	8.78	13.1	2.53	4.29	7.32	10.25	15.2	2.70	4.46	7.48	11.0	16.9
10	16	1.45	2.53	4.74	6.69	10.4	1.86	3.30	6.02	8.35	12.7	2.13	3.85	6.88	9.79	14.7	2.30	4.02	7.07	10.5	16.5
	24	0.80[3]	1.84[4]	4.06	5.96	9.72	1.15[3]	2.55	5.26	7.56	11.98	1.40[4]	3.04	6.07	8.91	13.9	1.56[4]	3.20	6.27	9.61	15.6
	12	1.18[3]	2.13	3.94	5.52	8.61	1.54[4]	2.79	4.98	6.90	10.53	1.80	3.33	5.90	8.13	12.2	1.96	3.52	6.11	8.93	14.0
12	16	0.76[3]	1.68[3]	3.50[4]	5.06	8.15	1.08[3]	2.30[4]	4.49	6.39	10.04	1.32[3]	2.78	5.35	7.56	11.7	1.47[4]	2.97	5.58	8.34	13.4
	24		0.88[3]	2.72[3]	4.22[3]	7.32	0.27[2]	1.42[3]	3.62[3]	5.47[4]	9.15	0.46[3]	1.80[3]	4.36[4]	6.52	10.62	0.59[3]	1.96[3]	4.60[4]	7.26	12.3
	12	0.62[3]	1.41[3]	2.84[3]	4.05[4]	6.51	0.90[3]	1.93[3]	3.64[4]	5.11	8.04	1.12[3]	2.36[4]	4.34	6.08	9.40	1.26[3]	2.59[4]	4.81	6.94	10.9
14	16	0.19[2]	0.93[2]	2.39[3]	3.57[3]	6.03	0.41[2]	1.40[3]	3.13[3]	4.59[4]	7.53	0.60[2]	1.77[3]	3.77[3]	5.48	8.79	0.72[3]	1.96[3]	4.21[4]	6.29	10.2
	24		0.10[1]	1.60[2]	2.73[2]	5.18[3]		0.49[2]	2.25[2]	3.66[3]	6.60[3]		0.73[2]	2.77[3]	4.43[3]	7.71[4]		0.86[2]	3.13[3]	5.13[3]	9.04
	12	0.19[2]	0.81[2]	1.99[3]	2.91[3]	4.87[4]	0.38[2]	1.21[3]	2.59[3]	3.73[3]	6.08	0.55[2]	1.53[3]	3.11[3]	4.47[4]	7.14	0.66[2]	1.75[3]	3.59[3]	5.19	8.33
16	16		0.34[1]	1.55[2]	2.45[3]	4.41[3]		0.69[2]	2.10[2]	3.22[3]	5.57[3]		0.94[2]	2.56[3]	3.89[3]	6.53[4]	0.10[2]	1.10[2]	2.97[3]	4.55[3]	7.67
	24			0.79[1]	1.65[2]	3.59[2]			1.26[1]	2.33[2]	4.68[3]			1.60[2]	2.88[2]	5.48[3]			1.90[2]	3.42[3]	6.51[3]
	12		0.36[1]	1.34[2]	2.08[2]	3.66[3]		0.66[2]	1.80[2]	2.71[3]	4.62[3]	0.10[1]	0.88[2]	2.19[3]	3.27[3]	5.44[4]	0.18[2]	1.05[2]	2.56[3]	3.83[3]	6.40
18	16			0.92[1]	1.64[2]	3.22[2]		0.16[1]	1.34[2]	2.23[2]	4.14[3]		0.31[1]	1.66[2]	2.72[2]	4.86[3]		0.41[2]	1.97[2]	3.22[3]	5.76[3]
	24			0.22[1]	0.89[1]	2.45[1]			0.55[1]	1.40[1]	3.29[2]			0.76[1]	1.78[1]	3.86[2]			0.95[1]	2.16[2]	4.65[3]
	12			0.86[1]	1.46[2]	2.76[2]		0.25[1]	1.21[1]	1.96[2]	3.54[3]		0.39[1]	1.50[2]	2.39[2]	4.17[3]		0.49[2]	1.77[2]	2.82[3]	4.94[3]
20	16			0.48[1]	1.05[1]	2.34[2]			0.78[1]	1.51[1]	3.08[2]			1.01[1]	1.87[2]	3.62[2]			1.22[1]	2.24[2]	4.33[3]

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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
	12	2.03	3.23	5.77	8.00	12.3	2.50	4.14	7.34	10.00	15.0	2.79	4.69	8.04	11.4	17.4	2.97	4.83	8.26	12.0	18.9
8	16	1.67	2.85	5.41	7.62	11.9	2.11	3.73	6.93	9.59	14.7	2.40	4.26	7.62	11.0	16.9	2.57	4.41	7.86	11.5	18.5
	24	0.98[4]	2.14	4.71	6.89	11.3	1.37	2.95	6.15	8.79	13.9	1.64	3.44	6.82	10.1	16.1	1.81	3.59	7.07	10.7	17.6
	12	1.66	2.80	5.19	7.28	11.3	2.10	3.64	6.61	9.11	13.8	2.38	4.19	7.42	10.6	16.0	2.55	4.34	7.59	11.2	17.6
9	16	1.23[4]	2.35	4.75	6.82	10.9	1.63	3.15	6.12	8.61	13.4	1.90	3.66	6.90	10.0	15.4	2.07	3.82	7.09	10.6	17.1
	24	0.44[3]	1.52[3]	3.93	5.94	10.0	0.77[3]	2.23[4]	5.19	7.65	12.5	1.02[3]	2.68	5.92	9.0	14.4	1.17[4]	2.83	6.14	9.6	16.0
	12	1.28[4]	2.35	4.56	6.50	10.2	1.67	3.11	5.82	8.15	12.5	1.94	3.64	6.67	9.56	14.5	2.11	3.81	6.86	10.3	16.2
10	16	0.80[3]	1.84[4]	4.06	5.96	9.7	1.15[3]	2.55	5.26	7.56	12.0	1.40[4]	3.04	6.07	8.91	13.9	1.56[4]	3.20	6.27	9.6	15.6
	24		0.91[3]	3.14[3]	4.97[4]	8.8	0.20[3]	1.53[3]	4.23[4]	6.48	11.0	0.41[3]	1.92[3]	4.95[4]	7.70	12.7	0.55[3]	2.07[4]	5.18	8.4	14.3
	12	0.57[3]	1.47[3]	3.29[4]	4.84	7.94	0.87[3]	2.07[3]	4.26	6.15	9.81	1.09[3]	2.53[4]	5.09	7.29	11.4	1.24[3]	2.70	5.32	8.06	13.1
12	16		0.88[3]	2.72[3]	4.22[3]	7.32	0.27[2]	1.42[3]	3.62[3]	5.47[4]	9.15	0.46[3]	1.80[3]	4.36[4]	6.52	10.6	0.59[3]	1.96[3]	4.60[4]	7.26	12.3
	24			1.70[2]	3.12[3]	6.21[3]		0.28[2]	2.48[3]	4.26[3]	7.95[4]		0.53[2]	3.08[3]	5.16[3]	9.22[4]		0.64[3]	3.31[3]	5.82[3]	10.8
	12		0.71[2]	2.18[3]	3.35[3]	5.81[4]	0.19[2]	1.16[3]	2.90[3]	4.34[3]	7.28	0.35[2]	1.49[3]	3.51[3]	5.21[4]	8.51	0.47[2]	1.67[3]	3.92[3]	5.98	9.9
14	16		0.10[1]	1.60[2]	2.73[2]	5.18[3]		0.49[2]	2.25[2]	3.66[3]	6.60[3]		0.73[2]	2.77[3]	4.43[3]	7.71[4]		0.86[2]	3.13[3]	5.13[3]	9.0
	24			0.60[1]	1.66[1]	4.08[2]			1.14[1]	2.47[2]	5.40[3]			1.50[2]	3.09[2]	6.30[3]			1.76[2]	3.65[3]	7.50[3]
	12		0.12[1]	1.35[2]	2.24[2]	4.19[3]		0.45[2]	1.87[2]	2.98[3]	5.34[3]		0.66[2]	2.30[2]	3.62[3]	6.25[4]		0.80[2]	2.68[3]	4.25[3]	7.36[4]
16	16			0.79[1]	1.65[2]	3.59[2]			1.26[1]	2.33[2]	4.68[3]			1.60[2]	2.88[2]	5.48[3]			1.90[2]	3.42[3]	6.51[3]
	24				0.65[1]	2.55[1]			0.20[1]	1.22[1]	3.54[2]			0.40[1]	1.62[1]	4.13[2]			0.55[1]	2.00[2]	5.02[2]
	12			0.73[1]	1.44[1]	3.01[2]			1.12[1]	2.00[2]	3.91[3]			1.42[2]	2.47[2]	4.60[3]		0.12[1]	1.70[2]	2.93[2]	5.46[3]
18	16			0.22[1]	0.89[1]	2.45[1]			0.55[1]	1.40[1]	3.29[2]			0.76[1]	1.78[1]	3.86[2]			0.95[1]	2.16[2]	4.65[3]
	24					1.48[1]				0.37[1]	2.23[1]				0.60[1]	2.60[1]				0.83[1]	3.26[2]
	12			0.30[1]	0.87[1]	2.15[1]			0.59[1]	1.30[1]	2.87[2]			0.79[1]	1.64[1]	3.37[2]			0.97[1]	1.97[2]	4.05[2]
20	16				0.36[1]	1.63[1]				0.74[1]	2.29[1]			0.18[1]	0.99[1]	2.68[1]			0.28[1]	1.25[1]	3.29[2]
	24					0.74[1]					1.30[1]					1.51[1]					1.99[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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	1.67	2.85	5.41	7.62	11.9	2.11	3.73	6.93	9.59	14.7	2.40	4.26	7.62	11.0	16.9	2.57	4.41	7.86	11.5	18.5
	16	1.20	2.37	4.94	7.13	11.5	1.61	3.20	6.41	9.05	14.2	1.89	3.71	7.08	10.4	16.4	2.06	3.86	7.33	11.0	17.9
	24	0.34[3]	1.47[4]	4.05	6.19	10.6	0.68[3]	2.22	5.42	8.03	13.2	0.93[4]	2.66	6.06	9.3	15.3	1.08[4]	2.80	6.32	9.9	16.8
9	12	1.23[4]	2.35	4.75	6.82	10.9	1.63	3.15	6.12	8.61	13.4	1.90	3.66	6.90	10.0	15.4	2.07	3.82	7.09	10.6	17.1
	16	0.70[3]	1.79[4]	4.19	6.23	10.3	1.05[4]	2.53	5.49	7.96	12.8	1.30[4]	3.00	6.24	9.3	14.7	1.46	3.15	6.45	9.9	16.4
	24		0.75[3]	3.16[3]	5.13[4]	9.2		1.39[3]	4.34[4]	6.75	11.6	0.20[3]	1.77[4]	5.01	8.0	13.4	0.34[3]	1.91[4]	5.24	8.6	15.0
10	12	0.80[3]	1.84[4]	4.06	5.96	9.7	1.15[3]	2.55	5.26	7.56	12.0	1.40[4]	3.04	6.07	8.91	13.9	1.56[4]	3.20	6.27	9.6	15.6
	16	0.21[3]	1.21[3]	3.43[4]	5.29	9.1	0.50[3]	1.85[3]	4.56[4]	6.83	11.3	0.73[3]	2.28[4]	5.31	8.09	13.0	0.87[3]	2.43	5.53	8.8	14.7
	24			2.30[3]	4.07[3]	7.85[4]		0.60[3]	3.29[3]	5.48[3]	10.0		0.91[3]	3.93[3]	6.59[4]	11.5		1.04[3]	4.16[3]	7.2	13.2
12	12		0.88[3]	2.72[3]	4.22[3]	7.32	0.27[2]	1.42[3]	3.62[3]	5.47[4]	9.15	0.46[3]	1.80[3]	4.36[4]	6.52	10.6	0.59[3]	1.96[3]	4.60[4]	7.26	12.3
	16		0.17[2]	2.02[2]	3.47[3]	6.56[3]		0.64[2]	2.84[3]	4.64[3]	8.33[4]		0.93[3]	3.49[3]	5.59[3]	9.7		1.06[3]	3.72[3]	6.28[4]	11.3
	24			0.81[1]	2.16[2]	5.22[3]			1.49[2]	3.19[2]	6.87[3]			1.95[2]	3.96[3]	7.97[3]			2.16[2]	4.54[3]	9.42[4]
14	12		0.10[1]	1.60[2]	2.73[2]	5.18[3]		0.49[2]	2.25[2]	3.66[3]	6.60[3]		0.73[2]	2.77[3]	4.43[3]	7.71[4]		0.86[2]	3.13[3]	5.13[3]	9.0
	16			0.92[1]	2.00[2]	4.43[3]			1.49[2]	2.85[2]	5.78[3]			1.90[2]	3.51[3]	6.74[3]			2.19[2]	4.12[3]	7.99[3]
	24				0.73[1]	3.12[2]			0.17[1]	1.45[1]	4.35[2]			0.41[1]	1.93[2]	5.06[2]			0.57[1]	2.36[2]	6.14[3]
16	12			0.79[1]	1.65[2]	3.59[2]			1.26[1]	2.33[2]	4.68[3]			1.60[2]	2.88[2]	5.48[3]			1.90[2]	3.42[3]	6.51[3]
	16			0.14[1]	0.96[1]	2.88[2]			0.53[1]	1.57[1]	3.90[2]			0.77[1]	2.01[2]	4.56[2]			0.98[1]	2.45[2]	5.49[3]
	24					1.66[1]				0.27[1]	2.55[1]				0.53[1]	2.97[1]				0.78[1]	3.74[2]
18	12			0.22[1]	0.89[1]	2.45[1]			0.55[1]	1.40[1]	3.29[2]			0.76[1]	1.78[1]	3.86[2]			0.95[1]	2.16[2]	4.65[3]
	16				0.25[1]	1.79[1]				0.69[1]	2.56[1]				0.97[1]	3.00[1]				1.25[1]	3.69[2]
	24					0.66[1]					1.32[1]					1.52[1]					2.06[1]
20	12				0.36[1]	1.63[1]				0.74[1]	2.29[1]			0.18[1]	0.99[1]	2.68[1]			0.28[1]	1.25[1]	3.29[2]
	16					1.02[1]					1.61[1]				0.24[1]	1.88[1]				0.40[1]	2.39[1]
	24										0.45[1]					0.51[1]					0.87[1]

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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	1.32	2.49	5.05	7.25	11.6	1.73	3.33	6.54	9.18	14.3	2.01	3.84	7.22	10.6	16.5	2.18	3.99	7.46	11.1	18.1
	16	0.76[3]	1.91	4.49	6.65	11.0	1.13[4]	2.70	5.90	8.53	13.7	1.40	3.17	6.56	9.9	15.8	1.56	3.32	6.82	10.4	17.4
	24		0.83[3]	3.43[4]	5.53	9.9		1.52[4]	4.71	7.30	12.5	0.25[3]	1.91[4]	5.32	8.5	14.5	0.40[3]	2.05	5.59	9.1	16.0
9	12	0.83[3]	1.93[4]	4.33	6.37	10.5	1.19[4]	2.68	5.64	8.12	12.9	1.45[4]	3.16	6.40	9.5	14.9	1.61	3.32	6.61	10.1	16.5
	16	0.20[3]	1.25[3]	3.67[4]	5.67	9.8	0.50[3]	1.94[4]	4.90	7.34	12.2	0.74[3]	2.37	5.61	8.6	14.1	0.89[3]	2.52	5.84	9.2	15.7
	24			2.45[3]	4.36[3]	8.5		0.60[3]	3.54[3]	5.91[4]	10.8		0.92[3]	4.16[3]	7.1	12.5		1.04[3]	4.39[4]	7.6	14.0
10	12	0.35[3]	1.36[3]	3.59[4]	5.45	9.2	0.66[3]	2.02[4]	4.73	7.00	11.5	0.89[3]	2.46[4]	5.49	8.29	13.2	1.04[3]	2.62	5.71	9.0	14.9
	16		0.62[3]	2.85[3]	4.66[3]	8.4		1.21[3]	3.91[3]	6.14[4]	10.6	0.10[3]	1.57[3]	4.60[4]	7.32	12.3	0.23[3]	1.72[3]	4.83[4]	8.0	13.9
	24			1.53[2]	3.23[3]	7.01[3]			2.43[3]	4.57[3]	9.08[4]			2.98[3]	5.56[3]	10.5			3.21[3]	6.18[3]	12.1
12	12		0.34[2]	2.19[3]	3.65[3]	6.75[4]		0.83[2]	3.03[3]	4.84[3]	8.53		1.14[3]	3.70[3]	5.82[4]	9.9		1.27[3]	3.93[3]	6.51[4]	11.5
	16			1.39[2]	2.79[2]	5.87[3]			2.14[2]	3.89[3]	7.58[3]		0.14[2]	2.69[3]	4.75[3]	8.79[4]		0.23[2]	2.91[3]	5.37[3]	10.3
	24				1.29[1]	4.33[2]			0.59[1]	2.23[2]	5.89[3]			0.93[2]	2.87[2]	6.83[3]			1.11[2]	3.37[2]	8.18[3]
14	12			1.08[1]	2.17[2]	4.61[3]			1.67[2]	3.04[2]	5.98[3]			2.11[2]	3.73[3]	6.97[3]		0.13[2]	2.42[2]	4.36[3]	8.24[4]
	16			0.30[1]	1.34[1]	3.75[2]			0.80[1]	2.12[2]	5.03[2]			1.12[1]	2.69[2]	5.87[3]			1.35[2]	3.20[2]	7.03[3]
	24					2.26[1]				0.53[1]	3.40[1]				0.88[1]	3.95[2]				1.21[1]	4.91[2]
16	12			0.29[1]	1.13[1]	3.05[2]			0.70[1]	1.75[1]	4.08[2]			0.97[1]	2.22[2]	4.78[3]			1.20[1]	2.68[2]	5.73[3]
	16				0.35[1]	2.24[1]				0.89[1]	3.20[1]				1.24[1]	3.73[2]			0.15[1]	1.58[1]	4.58[2]
	24					0.86[1]					1.67[1]					1.93[1]					2.59[1]
18	12				0.40[1]	1.94[1]				0.86[1]	2.74[1]			0.18[1]	1.16[1]	3.20[2]			0.29[1]	1.46[1]	3.92[2]
	16					1.20[1]					1.91[1]				0.25[1]	2.23[1]				0.44[1]	2.84[1]
	24										0.50[1]					0.56[1]					0.99[1]
20	12					1.16[1]				0.24[1]	1.77[1]				0.42[1]	2.07[1]				0.60[1]	2.61[1]
	16					0.47[1]					1.00[1]					1.16[1]					1.60[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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	0.98[4]	2.14	4.71	6.89	11.3	1.37	2.95	6.15	8.79	13.9	1.64	3.44	6.82	10.1	16.1	1.81	3.59	7.07	10.7	17.6
	16	0.34[3]	1.47[4]	4.05	6.19	10.6	0.68[3]	2.22	5.42	8.03	13.2	0.93[4]	2.66	6.06	9.3	15.3	1.08[4]	2.80	6.32	9.9	16.8
	24		0.23[3]	2.83[3]	4.89[4]	9.3		0.85[3]	4.04[4]	6.60	11.9		1.20[3]	4.62[4]	7.8	13.7		1.33[4]	4.89	8.3	15.2
9	12	0.44[3]	1.52[3]	3.93	5.94	10.0	0.77[3]	2.23[4]	5.19	7.65	12.5	1.02[3]	2.68	5.92	9.0	14.4	1.17[4]	2.83	6.14	9.6	16.0
	16		0.75[3]	3.16[3]	5.13[4]	9.2		1.39[3]	4.34[4]	6.75	11.6	0.20[3]	1.77[4]	5.01	8.0	13.4	0.34[3]	1.91[4]	5.24	8.6	15.0
	24			1.78[3]	3.64[3]	7.77[4]			2.78[3]	5.12[3]	10.0		0.12[3]	3.34[3]	6.17[4]	11.6		0.22[3]	3.58[3]	6.74[4]	13.1
10	12		0.91[3]	3.14[3]	4.97[4]	8.8	0.20[3]	1.53[3]	4.23[4]	6.48	11.0	0.41[3]	1.92[3]	4.95[4]	7.70	12.7	0.55[3]	2.07[4]	5.18	8.4	14.3
	16			2.30[3]	4.07[3]	7.85[4]		0.60[3]	3.29[3]	5.48[3]	10.0		0.91[3]	3.93[3]	6.59[4]	11.5		1.04[3]	4.16[3]	7.2	13.2
	24			0.82[2]	2.46[2]	6.22[3]			1.63[2]	3.71[3]	8.23[3]			2.10[2]	4.60[3]	9.50[4]			2.32[3]	5.18[3]	11.0[4]
12	12			1.70[2]	3.12[3]	6.21[3]		0.28[2]	2.48[3]	4.26[3]	7.95[4]		0.53[2]	3.08[3]	5.16[3]	9.22[4]		0.64[3]	3.31[3]	5.82[3]	10.8
	16			0.81[1]	2.16[2]	5.22[3]			1.49[2]	3.19[2]	6.87[3]			1.95[2]	3.96[3]	7.97[3]			2.16[2]	4.54[3]	9.42[4]
	24				0.49[1]	3.49[2]				1.34[1]	4.99[2]				1.87[2]	5.77[2]				0.15[1]	2.30[2]	7.02[3]
14	12			0.60[1]	1.66[1]	4.08[2]			1.14[1]	2.47[2]	5.40[3]			1.50[2]	3.09[2]	6.30[3]			1.76[2]	3.65[3]	7.50[3]
	16				0.73[1]	3.12[2]			0.17[1]	1.45[1]	4.35[2]			0.41[1]	1.93[2]	5.06[2]			0.57[1]	2.36[2]	6.14[3]
	24					1.48[1]					2.53[1]					2.93[1]				0.16[1]	3.79[2]
16	12				0.65[1]	2.55[1]			0.20[1]	1.22[1]	3.54[2]			0.40[1]	1.62[1]	4.13[2]			0.55[1]	2.00[2]	5.02[2]
	16					1.66[1]				0.27[1]	2.55[1]				0.53[1]	2.97[1]				0.78[1]	3.74[2]
	24					0.13[1]					0.87[1]					0.99[1]					1.54[1]
18	12					1.48[1]				0.37[1]	2.23[1]				0.60[1]	2.60[1]				0.83[1]	3.26[2]
	16					0.66[1]					1.32[1]					1.52[1]					2.06[1]
	24																				
20	12					0.74[1]					1.30[1]					1.51[1]					1.99[1]
	16										0.45[1]					0.51[1]					0.87[1]
	24																				

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		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	0.66[3]	1.80	4.38	6.54	10.9	1.02[4]	2.58	5.78	8.41	13.6	1.28	3.04	6.43	9.7	15.7	1.44	3.19	6.69	10.3	17.2
	16		1.04[3]	3.63[4]	5.75	10.2	0.24[3]	1.75[4]	4.94	7.54	12.8	0.47[3]	2.16	5.56	8.8	14.7	0.62[3]	2.30	5.83	9.3	16.3
	24			2.25[3]	4.27[3]	8.7		0.22[3]	3.39[3]	5.92[4]	11.2		0.52[3]	3.94[3]	7.0	13.0		0.64[3]	4.21[4]	7.6	14.5
9	12		1.13[3]	3.54[4]	5.53	9.6	0.37[3]	1.80[4]	4.76	7.19	12.1	0.60[3]	2.22[4]	5.46	8.5	13.9	0.75[3]	2.37	5.69	9.1	15.5
	16		0.27[3]	2.68[3]	4.61[3]	8.7		0.86[3]	3.80[3]	6.19[4]	11.1		1.20[3]	4.44[4]	7.4	12.8		1.33[3]	4.67[4]	8.0	14.4
	24			1.14[2]	2.95[3]	7.08[3]			2.06[3]	4.35[3]	9.30[4]			2.57[3]	5.33[3]	10.7			2.80[3]	5.88[3]	12.2
10	12		0.48[3]	2.71[3]	4.51[3]	8.3		1.05[3]	3.75[3]	5.97[4]	10.5		1.41[3]	4.43[4]	7.14	12.1		1.54[3]	4.66[4]	7.8	13.7
	16			1.78[2]	3.51[3]	7.29[3]			2.71[3]	4.86[3]	9.38[4]		0.28[3]	3.29[3]	5.90[3]	10.8		0.39[3]	3.52[3]	6.53[4]	12.4
	24			0.14[1]	1.72[2]	5.47[3]			0.87[2]	2.90[2]	7.41[3]			1.27[2]	3.69[3]	8.55[3]			1.48[2]	4.23[3]	10.0[4]
12	12			1.24[2]	2.63[2]	5.70[3]			1.97[2]	3.71[3]	7.40[3]			2.50[2]	4.54[3]	8.58[4]			2.72[3]	5.16[3]	10.1[4]
	16			0.27[1]	1.57[2]	4.62[2]			0.88[1]	2.54[2]	6.21[3]			1.26[2]	3.22[2]	7.20[3]			1.45[2]	3.75[3]	8.58[3]
	24					2.72[1]				0.52[1]	4.14[2]				0.93[1]	4.77[2]				1.29[2]	5.94[2]
14	12			0.16[1]	1.18[1]	3.59[2]			0.64[1]	1.94[2]	4.86[2]			0.94[1]	2.49[2]	5.66[3]			1.15[1]	2.99[2]	6.80[3]
	16				0.17[1]	2.54[1]				0.83[1]	3.71[2]				1.22[1]	4.31[2]				1.58[1]	5.31[2]
	24					0.74[1]					1.73[1]					1.98[1]					2.75[1]
16	12				0.20[1]	2.09[1]				0.73[1]	3.03[1]				1.06[1]	3.53[2]				1.37[1]	4.36[2]
	16					1.12[1]					1.96[1]					2.27[1]					2.96[1]
	24										0.13[1]					0.11[1]					0.57[1]
18	12					1.06[1]					1.76[1]					2.05[1]				0.25[1]	2.64[1]
	16					0.16[1]					0.77[1]					0.87[1]					1.33[1]
	24																				
20	12					0.34[1]					0.86[1]					0.99[1]					1.41[1]
	16																				0.20[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	3.68	5.07	8.24	10.88	16.6	4.28	6.42	10.96	14.55	22.7	4.63	6.92	11.21	16.1	26.5	4.82	7.06	11.63	16.3	28.3	15.0	21.5	34.8
	16	3.68	5.07	8.24	10.88	16.6	4.28	6.42	10.96	14.55	22.7	4.63	6.92	11.21	16.1	26.5	4.82	7.06	11.63	16.3	28.3	15.0	21.5	34.8
	24	3.68	5.07	8.24	10.88	16.6	4.28	6.42	10.96	14.55	22.7	4.63	6.92	11.21	16.1	26.5	4.82	7.06	11.63	16.3	28.3	15.0	21.5	34.8
9	12	3.68	5.07	8.24	10.88	16.6	4.25	6.36	10.81	14.36	22.4	4.59	6.87	11.07	15.9	26.1	4.78	7.00	11.49	16.1	27.8	14.7	21.2	34.2
	16	3.68	5.07	8.24	10.88	16.6	4.25	6.36	10.81	14.36	22.4	4.59	6.87	11.07	15.9	26.1	4.78	7.00	11.49	16.1	27.8	14.7	21.2	34.2
	24	3.68	5.07	8.24	10.88	16.6	4.25	6.36	10.81	14.36	22.4	4.59	6.87	11.07	15.9	26.1	4.78	7.00	11.49	16.1	27.8	14.7	21.2	34.2
10	12	3.68	5.07	8.24	10.88	16.6	4.21	6.29	10.63	14.11	22.0	4.55	6.81	10.91	15.63	25.5	4.73	6.93	11.31	15.9	27.3	14.5	20.8	33.6
	16	3.68	5.07	8.24	10.88	16.6	4.21	6.29	10.63	14.11	22.0	4.55	6.81	10.91	15.63	25.5	4.73	6.93	11.31	15.9	27.3	14.5	20.8	33.6
	24	3.68	5.07	8.24	10.88	16.6	4.21	6.29	10.63	14.11	22.0	4.55	6.81	10.91	15.63	25.5	4.73	6.93	11.31	15.9	27.3	14.5	20.8	33.6
12	12	3.60	4.98	8.14	10.88	16.56	4.12	6.10	10.14	13.46	20.97	4.43	6.64	10.49	14.95	24.2	4.61	6.76	10.89	15.27	25.9	13.9	20.0	32.2
	16	3.60	4.98	8.14	10.88	16.56	4.12	6.10	10.14	13.46	20.97	4.43	6.64	10.49	14.95	24.2	4.61	6.76	10.89	15.27	25.9	13.9	20.0	32.2
	24	3.59	4.98	8.14	10.88	16.56	4.12	6.10	10.14	13.46	20.97	4.43	6.64	10.49	14.95	24.2	4.61	6.76	10.89	15.27	25.9	13.9	20.0	32.2
14	12	3.47	4.82	7.72	10.38	16.47	3.98	5.84	9.48	12.59	19.57	4.29	6.42	10.01	14.12	22.51	4.46	6.55	10.36	14.60	24.2	13.1	18.9	30.4
	16	3.47	4.82	7.72	10.38	16.47	3.98	5.84	9.48	12.59	19.57	4.28	6.42	10.01	14.12	22.51	4.46	6.55	10.36	14.60	24.2	13.1	18.9	30.4
	24	3.47	4.82	7.72	10.38	16.47	3.98	5.84	9.48	12.59	19.57	4.28	6.42	10.01	14.12	22.50	4.46	6.55	10.36	14.60	24.2	13.1	18.9	30.4
16	12	3.30	4.59	7.16	9.62	15.19	3.81	5.52	8.70	11.55	17.91	4.11	6.16	9.55	13.23	20.59	4.28	6.30	9.75	13.84	22.46	12.3	17.8	27.7
	16	3.30	4.58	7.16	9.62	15.19	3.81	5.52	8.70	11.55	17.91	4.11	6.16	9.55	13.23	20.59	4.28	6.30	9.75	13.84	22.46	12.3	17.8	27.7
	24	3.30	4.58	7.16	9.62	15.18	3.81	5.52	8.70	11.55	17.91	4.11	6.16	9.55	13.23	20.59	4.28	6.30	9.75	13.84	22.45	12.3	17.8	27.7
18	12	3.10	4.30	6.50	8.71	13.68	3.60	5.15	7.85	10.42	16.10	3.90	5.87	8.92	12.11	18.54	4.08	6.02	9.07	12.98	20.69	11.4	16.3	25.0
	16	3.10	4.30	6.50	8.71	13.68	3.60	5.15	7.85	10.41	16.10	3.90	5.87	8.92	12.11	18.54	4.08	6.02	9.07	12.98	20.69	11.4	16.3	25.0
	24	3.10	4.30	6.49	8.71	13.68	3.60	5.15	7.84	10.41	16.10	3.90	5.86	8.92	12.11	18.53	4.07	6.02	9.07	12.98	20.69	11.4	16.3	25.0
20	12	2.86	3.98	5.78	7.74	12.09	3.37	4.76	6.96	9.24	14.23	3.67	5.52	8.17	10.77	16.44	3.85	5.71	8.35	11.73	18.61	10.5	14.8	22.2
	16	2.86	3.98	5.78	7.74	12.08	3.37	4.76	6.96	9.24	14.23	3.66	5.52	8.17	10.77	16.44	3.85	5.71	8.35	11.73	18.61	10.5	14.8	22.2
	24	2.86	3.98	5.77	7.74	12.08	3.37	4.76	6.96	9.24	14.23	3.66	5.52	8.17	10.77	16.43	3.85	5.71	8.35	11.73	18.61	10.5	14.8	22.2

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	3.40	4.80	7.98	10.62	16.3	4.00	6.12	10.65	14.25	22.4	4.34	6.62	10.91	15.8	26.2	4.53	6.76	11.34	16.0	28.0	14.6	21.2	34.5
	16	3.31	4.71	7.90	10.54	16.2	3.90	6.02	10.55	14.15	22.3	4.24	6.51	10.82	15.7	26.1	4.43	6.66	11.24	15.9	27.9	14.5	21.1	34.3
	24	3.13	4.53	7.73	10.37	16.0	3.72	5.82	10.35	13.95	22.1	4.05	6.31	10.62	15.5	25.8	4.24	6.46	11.05	15.7	27.6	14.3	20.8	34.1
9	12	3.32	4.72	7.90	10.54	16.2	3.89	5.97	10.41	13.96	22.0	4.22	6.48	10.69	15.5	25.6	4.40	6.61	11.11	15.7	27.4	14.3	20.8	33.8
	16	3.20	4.60	7.79	10.43	16.1	3.77	5.85	10.28	13.83	21.9	4.10	6.35	10.57	15.4	25.5	4.28	6.49	10.99	15.6	27.2	14.2	20.6	33.6
	24	2.97	4.37	7.57	10.21	15.9	3.53	5.59	10.03	13.57	21.6	3.85	6.09	10.32	15.1	25.2	4.04	6.23	10.74	15.3	26.9	13.9	20.3	33.3
10	12	3.22	4.62	7.81	10.45	16.1	3.76	5.80	10.13	13.61	21.5	4.08	6.31	10.44	15.11	25.0	4.26	6.45	10.85	15.4	26.7	14.0	20.3	33.0
	16	3.08	4.48	7.67	10.31	16.0	3.61	5.64	9.96	13.45	21.3	3.93	6.15	10.28	14.94	24.8	4.11	6.29	10.69	15.2	26.5	13.8	20.1	32.8
	24	2.79	4.19	7.39	10.03	15.7	3.32	5.33	9.64	13.12	21.0	3.63	5.83	9.97	14.60	24.4	3.81	5.98	10.38	14.9	26.1	13.5	19.7	32.5
12	12	2.93	4.32	7.47	10.20	15.85	3.45	5.38	9.40	12.71	20.16	3.76	5.91	9.79	14.17	23.3	3.93	6.06	10.19	14.53	25.0	13.1	19.1	31.3
	16	2.72	4.11	7.26	9.98	15.62	3.24	5.15	9.16	12.46	19.90	3.54	5.67	9.56	13.91	23.0	3.71	5.83	9.97	14.28	24.7	12.9	18.9	31.0
	24	2.32	3.70	6.84	9.55	15.16	2.83	4.70	8.69	11.99	19.38	3.11	5.21	9.11	13.41	22.5	3.29	5.37	9.52	13.81	24.2	12.4	18.3	30.4
14	12	2.57	3.91	6.80	9.41	15.36	3.07	4.86	8.46	11.54	18.42	3.36	5.41	9.01	13.02	21.27	3.54	5.57	9.40	13.54	23.0	12.1	17.8	29.0
	16	2.30	3.62	6.51	9.11	15.01	2.80	4.55	8.14	11.21	18.05	3.07	5.09	8.70	12.67	20.88	3.25	5.26	9.09	13.21	22.6	11.8	17.4	28.6
	24	1.78	3.09	5.96	8.53	14.34	2.27	3.97	7.53	10.57	17.34	2.53	4.48	8.10	11.99	20.12	2.69	4.67	8.50	12.55	21.8	11.1	16.6	27.8
16	12	2.16	3.41	5.97	8.35	13.69	2.65	4.25	7.40	10.18	16.37	2.92	4.83	8.21	11.74	18.93	3.09	5.02	8.48	12.41	20.78	10.9	16.2	25.9
	16	1.83	3.06	5.62	7.97	13.25	2.31	3.88	7.01	9.77	15.90	2.56	4.43	7.81	11.30	18.43	2.74	4.63	8.09	11.97	20.27	10.5	15.7	25.4
	24	1.23[4]	2.42	4.97	7.27	12.42	1.68	3.18	6.28	9.00	15.02	1.91	3.69	7.05	10.45	17.48	2.06	3.89	7.36	11.13	19.29	9.7	14.7	24.4
18	12	1.74	2.88	5.08	7.18	11.84	2.19	3.62	6.29	8.75	14.18	2.45	4.20	7.24	10.26	16.47	2.62	4.41	7.50	11.13	18.52	9.7	14.3	22.7
	16	1.37[4]	2.48	4.68	6.75	11.33	1.80	3.19	5.85	8.29	13.64	2.04	3.74	6.76	9.74	15.88	2.20	3.95	7.04	10.60	17.89	9.2	13.7	22.1
	24	0.71[3]	1.77[3]	3.97[4]	5.96	10.39	1.11[3]	2.42[4]	5.06	7.43	12.64	1.31[3]	2.89	5.90	8.78	14.79	1.45[4]	3.10	6.19	9.61	16.73	8.3	12.6	20.9
20	12	1.33[4]	2.35	4.20	6.02	9.99	1.75	3.00	5.23	7.36	12.03	1.98	3.56	6.20	8.67	14.04	2.15	3.79	6.49	9.58	16.02	8.4	12.4	19.6
	16	0.95[3]	1.93[4]	3.79	5.56	9.44	1.33[3]	2.54	4.77	6.87	11.45	1.54[4]	3.04	5.68	8.11	13.40	1.69[4]	3.27	5.98	8.99	15.32	7.9	11.7	18.8
	24	0.26[2]	1.18[3]	3.05[3]	4.75[4]	8.47	0.60[3]	1.72[3]	3.96[4]	5.98	10.41	0.76[3]	2.13[3]	4.75[4]	7.11	12.26	0.87[3]	2.34[4]	5.06	7.93	14.07	6.9	10.6	17.5

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	3.13	4.53	7.73	10.37	16.0	3.72	5.82	10.35	13.95	22.1	4.05	6.31	10.62	15.5	25.8	4.24	6.46	11.05	15.7	27.6	14.3	20.8	34.1
	16	2.95	4.35	7.56	10.20	15.9	3.53	5.62	10.15	13.75	21.9	3.86	6.11	10.43	15.3	25.6	4.04	6.26	10.86	15.5	27.4	14.1	20.6	33.9
	24	2.59	4.00	7.22	9.87	15.5	3.17	5.23	9.75	13.35	21.5	3.48	5.71	10.05	14.9	25.2	3.66	5.86	10.48	15.1	27.0	13.7	20.2	33.4
9	12	2.97	4.37	7.57	10.21	15.9	3.53	5.59	10.03	13.57	21.6	3.85	6.09	10.32	15.1	25.2	4.04	6.23	10.74	15.3	26.9	13.9	20.3	33.3
	16	2.74	4.14	7.35	10.00	15.7	3.30	5.34	9.77	13.31	21.3	3.61	5.83	10.08	14.8	24.9	3.79	5.98	10.50	15.1	26.6	13.7	20.1	33.0
	24	2.29	3.70	6.92	9.57	15.2	2.84	4.84	9.26	12.80	20.8	3.14	5.32	9.59	14.3	24.3	3.31	5.48	10.01	14.6	26.1	13.2	19.5	32.5
10	12	2.79	4.19	7.39	10.03	15.7	3.32	5.33	9.64	13.12	21.0	3.63	5.83	9.97	14.60	24.4	3.81	5.98	10.38	14.9	26.1	13.5	19.7	32.5
	16	2.50	3.91	7.11	9.75	15.4	3.04	5.02	9.32	12.80	20.6	3.33	5.51	9.66	14.26	24.1	3.51	5.67	10.08	14.5	25.8	13.2	19.4	32.1
	24	1.95	3.36	6.57	9.21	14.8	2.48	4.41	8.70	12.17	20.0	2.76	4.89	9.06	13.60	23.3	2.93	5.06	9.48	13.9	25.0	12.5	18.7	31.3
12	12	2.32	3.70	6.84	9.55	15.16	2.83	4.70	8.69	11.99	19.38	3.11	5.21	9.11	13.41	22.5	3.29	5.37	9.52	13.81	24.2	12.4	18.3	30.4
	16	1.93	3.30	6.44	9.13	14.72	2.43	4.27	8.24	11.52	18.88	2.70	4.76	8.67	12.93	21.9	2.87	4.93	9.09	13.34	23.6	11.9	17.8	29.8
	24	1.19	2.54	5.67	8.32	13.86	1.68	3.44	7.37	10.62	17.90	1.92	3.90	7.82	11.99	20.9	2.08	4.09	8.24	12.43	22.6	11.0	16.8	28.7
14	12	1.78	3.09	5.96	8.53	14.34	2.27	3.97	7.53	10.57	17.34	2.53	4.48	8.10	11.99	20.12	2.69	4.67	8.50	12.55	21.8	11.1	16.6	27.8
	16	1.30	2.58	5.44	7.97	13.70	1.77	3.42	6.96	9.96	16.67	2.01	3.90	7.52	11.35	19.39	2.16	4.09	7.92	11.92	21.1	10.5	15.9	27.0
	24	0.41[3]	1.64[4]	4.48	6.94	12.50	0.85[3]	2.39[4]	5.88	8.83	15.39	1.04[4]	2.82	6.44	10.14	18.01	1.18[4]	3.02	6.84	10.73	19.7	9.4	14.6	25.5
16	12	1.23[4]	2.42	4.97	7.27	12.42	1.68	3.18	6.28	9.00	15.02	1.91	3.69	7.05	10.45	17.48	2.06	3.89	7.36	11.13	19.29	9.7	14.7	24.4
	16	0.68[3]	1.84[4]	4.36	6.61	11.64	1.10[3]	2.54	5.62	8.29	14.20	1.30[4]	3.00	6.35	9.67	16.59	1.44[4]	3.20	6.67	10.35	18.38	9.0	13.9	23.4
	24		0.78[3]	3.27[3]	5.43[4]	10.25		1.39[3]	4.41[3]	6.99	12.71	0.21[3]	1.75[3]	5.07[4]	8.24	14.97	0.31[3]	1.94[3]	5.40[4]	8.91	16.68	7.6	12.3	21.6
18	12	0.71[3]	1.77[3]	3.97[4]	5.96	10.39	1.11[3]	2.42[4]	5.06	7.43	12.64	1.31[3]	2.89	5.90	8.78	14.79	1.45[4]	3.10	6.19	9.61	16.73	8.3	12.6	20.9
	16	0.13[2]	1.14[3]	3.32[3]	5.26[4]	9.55	0.49[3]	1.72[3]	4.35[4]	6.66	11.75	0.64[3]	2.12[3]	5.11[4]	7.92	13.81	0.76[3]	2.32[4]	5.41	8.71	15.67	7.4	11.7	19.8
	24			2.18[2]	4.01[3]	8.06[4]		0.50[2]	3.09[3]	5.29[3]	10.2[4]		0.77[3]	3.72[3]	6.38[3]	12.06		0.94[3]	4.02[3]	7.10[4]	13.78	5.93[3]	9.9	17.8
20	12	0.26[2]	1.18[3]	3.05[3]	4.75[4]	8.47	0.60[3]	1.72[3]	3.96[4]	5.98	10.41	0.76[3]	2.13[3]	4.75[4]	7.11	12.26	0.87[3]	2.34[4]	5.06	7.93	14.07	6.9	10.6	17.5
	16		0.52[2]	2.40[3]	4.03[3]	7.62[4]		1.00[3]	3.24[3]	5.19[3]	9.49		1.33[3]	3.94[3]	6.23[4]	11.25	0.15[2]	1.51[3]	4.23[3]	6.99[4]	12.96	5.98[4]	9.5	16.4
	24			1.27[2]	2.79[2]	6.14[3]			1.99[2]	3.82[3]	7.89[3]			2.52[2]	4.69[3]	9.47[3]			2.79[3]	5.34[3]	11.0[4]	4.41[3]	7.71[3]	14.3

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	2.86	4.26	7.47	10.12	15.8	3.44	5.52	10.05	13.65	21.8	3.76	6.01	10.33	15.2	25.5	3.95	6.16	10.76	15.4	27.3	14.0	20.5	33.8
	16	2.59	4.00	7.22	9.87	15.5	3.17	5.23	9.75	13.35	21.5	3.48	5.71	10.05	14.9	25.2	3.66	5.86	10.48	15.1	27.0	13.7	20.2	33.4
	24	2.06	3.48	6.72	9.38	15.0	2.63	4.64	9.16	12.76	20.9	2.92	5.11	9.48	14.3	24.5	3.10	5.28	9.91	14.5	26.3	13.1	19.5	32.7
9	12	2.63	4.03	7.24	9.89	15.6	3.18	5.21	9.64	13.19	21.2	3.49	5.70	9.95	14.7	24.8	3.67	5.86	10.38	14.9	26.5	13.6	19.9	32.9
	16	2.29	3.70	6.92	9.57	15.2	2.84	4.84	9.26	12.80	20.8	3.14	5.32	9.59	14.3	24.3	3.31	5.48	10.01	14.6	26.1	13.2	19.5	32.5
	24	1.63	3.04	6.29	8.93	14.6	2.17	4.11	8.52	12.05	20.0	2.44	4.58	8.87	13.5	23.5	2.61	4.75	9.30	13.8	25.2	12.4	18.7	31.6
10	12	2.36	3.77	6.98	9.61	15.3	2.89	4.87	9.16	12.64	20.5	3.19	5.35	9.51	14.10	23.9	3.36	5.51	9.93	14.4	25.6	13.0	19.2	31.9
	16	1.95	3.36	6.57	9.21	14.8	2.48	4.41	8.70	12.17	20.0	2.76	4.89	9.06	13.60	23.3	2.93	5.06	9.48	13.9	25.0	12.5	18.7	31.3
	24	1.16	2.56	5.79	8.41	14.0	1.67	3.53	7.79	11.24	19.0	1.92	3.98	8.18	12.64	22.3	2.08	4.17	8.61	13.0	24.0	11.6	17.7	30.2
12	12	1.74	3.11	6.24	8.93	14.50	2.24	4.06	8.02	11.29	18.63	2.50	4.54	8.45	12.69	21.7	2.67	4.72	8.87	13.11	23.4	11.7	17.6	29.6
	16	1.19	2.54	5.67	8.32	13.86	1.68	3.44	7.37	10.62	17.90	1.92	3.90	7.82	11.99	20.9	2.08	4.09	8.24	12.43	22.6	11.0	16.8	28.7
	24	0.17[3]	1.48[4]	4.58	7.18	12.63	0.63[3]	2.27	6.15	9.35	16.51	0.82[4]	2.68	6.62	10.64	19.4	0.95[4]	2.88	7.04	11.12	21.0	9.8	15.4	27.1
14	12	1.07[4]	2.34	5.19	7.71	13.39	1.53	3.15	6.68	9.67	16.34	1.76	3.62	7.24	11.04	19.03	1.91	3.82	7.65	11.62	20.8	10.2	15.6	26.6
	16	0.41[3]	1.64[4]	4.48	6.94	12.50	0.85[3]	2.39[4]	5.88	8.83	15.39	1.04[4]	2.82	6.44	10.14	18.01	1.18[4]	3.02	6.84	10.73	19.7	9.4	14.6	25.5
	24		0.38[3]	3.17[3]	5.53[4]	10.86		1.01[3]	4.43[3]	7.28	13.64		1.35[3]	4.96[4]	8.47	16.10		1.54[3]	5.35[4]	9.06	17.8	7.8	12.8	23.4
16	12	0.42[3]	1.56[3]	4.08[4]	6.30	11.28	0.83[3]	2.24[4]	5.30	7.95	13.82	1.02[3]	2.67	6.02	9.30	16.17	1.15[3]	2.88	6.34	9.97	17.94	8.6	13.5	22.9
	16		0.78[3]	3.27[3]	5.43[4]	10.25		1.39[3]	4.41[3]	6.99	12.71	0.21[3]	1.75[3]	5.07[4]	8.24	14.97	0.31[3]	1.94[3]	5.40[4]	8.91	16.68	7.6	12.3	21.6
	24			1.84[2]	3.87[3]	8.40[3]			2.83[3]	5.28[3]	10.7[4]		0.11[3]	3.38[3]	6.35[3]	12.81		0.27[3]	3.69[3]	6.97[4]	14.41	5.76[3]	10.1	19.1
18	12		0.84[3]	3.02[3]	4.93[3]	9.16	0.20[2]	1.40[3]	4.02[3]	6.30[4]	11.32	0.34[3]	1.77[3]	4.75[4]	7.51	13.35	0.44[3]	1.96[3]	5.04[4]	8.29	15.18	7.0	11.2	19.2
	16			2.18[2]	4.01[3]	8.06[4]		0.50[2]	3.09[3]	5.29[3]	10.2[4]		0.77[3]	3.72[3]	6.38[3]	12.06		0.94[3]	4.02[3]	7.10[4]	13.78	5.93[3]	9.9	17.8
	24			0.72[1]	2.40[2]	6.16[3]			1.48[2]	3.52[2]	8.10[3]			1.94[2]	4.40[3]	9.79[3]			2.20[2]	5.01[3]	11.3[4]	3.95[3]	7.60[3]	15.2
20	12		0.22[2]	2.10[2]	3.70[3]	7.22[3]		0.67[2]	2.91[3]	4.83[3]	9.06[4]		0.95[3]	3.56[3]	5.82[3]	10.77		1.13[3]	3.85[3]	6.55[4]	12.44	5.57[3]	9.1	15.8
	16			1.27[2]	2.79[2]	6.14[3]			1.99[2]	3.82[3]	7.89[3]			2.52[2]	4.69[3]	9.47[3]			2.79[3]	5.34[3]	11.0[4]	4.41[3]	7.71[3]	14.3
	24				1.21[1]	4.27[2]			0.41[1]	2.09[2]	5.86[2]			0.73[1]	2.73[2]	7.22[3]			0.94[2]	3.24[2]	8.53[3]	2.40[2]	5.41[3]	11.7[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	2.59	4.00	7.22	9.87	15.5	3.17	5.23	9.75	13.35	21.5	3.48	5.71	10.05	14.9	25.2	3.66	5.86	10.48	15.1	27.0	13.7	20.2	33.4
	16	2.24	3.65	6.89	9.54	15.2	2.81	4.84	9.36	12.95	21.1	3.11	5.31	9.67	14.5	24.7	3.28	5.48	10.10	14.7	26.5	13.3	19.8	33.0
	24	1.55	2.97	6.23	8.89	14.5	2.10	4.07	8.58	12.17	20.3	2.37	4.53	8.92	13.7	23.8	2.54	4.71	9.35	13.9	25.6	12.5	18.9	32.1
9	12	2.29	3.70	6.92	9.57	15.2	2.84	4.84	9.26	12.80	20.8	3.14	5.32	9.59	14.3	24.3	3.31	5.48	10.01	14.6	26.1	13.2	19.5	32.5
	16	1.85	3.26	6.50	9.14	14.8	2.39	4.36	8.76	12.30	20.3	2.67	4.82	9.11	13.8	23.8	2.84	4.99	9.53	14.1	25.5	12.7	18.9	31.9
	24	1.00	2.41	5.67	8.31	13.9	1.52	3.41	7.79	11.32	19.2	1.77	3.85	8.17	12.7	22.6	1.92	4.04	8.59	13.1	24.4	11.7	17.9	30.7
10	12	1.95	3.36	6.57	9.21	14.8	2.48	4.41	8.70	12.17	20.0	2.76	4.89	9.06	13.60	23.3	2.93	5.06	9.48	13.9	25.0	12.5	18.7	31.3
	16	1.42	2.82	6.04	8.68	14.3	1.94	3.82	8.09	11.55	19.3	2.20	4.28	8.47	12.96	22.6	2.36	4.46	8.89	13.3	24.3	11.9	18.0	30.6
	24	0.41[4]	1.80	5.03	7.64	13.2	0.91	2.69	6.92	10.34	18.0	1.12	3.11	7.33	11.70	21.2	1.27	3.31	7.75	12.1	22.9	10.7	16.7	29.2
12	12	1.19	2.54	5.67	8.32	13.86	1.68	3.44	7.37	10.62	17.90	1.92	3.90	7.82	11.99	20.9	2.08	4.09	8.24	12.43	22.6	11.0	16.8	28.7
	16	0.50[3]	1.82	4.93	7.56	13.03	0.97[4]	2.65	6.55	9.77	16.96	1.18[4]	3.08	7.01	11.08	19.9	1.32	3.27	7.43	11.55	21.5	10.2	15.8	27.6
	24		0.49[3]	3.56[4]	6.11	11.46		1.19[3]	5.01[4]	8.15	15.18		1.54[4]	5.48	9.38	17.9		1.74[4]	5.89	9.87	19.6	8.5	14.0	25.6
14	12	0.41[3]	1.64[4]	4.48	6.94	12.50	0.85[3]	2.39[4]	5.88	8.83	15.39	1.04[4]	2.82	6.44	10.14	18.01	1.18[4]	3.02	6.84	10.73	19.7	9.4	14.6	25.5
	16		0.78[3]	3.59[3]	5.98[4]	11.39		1.45[3]	4.90[4]	7.78	14.21	0.16[3]	1.82[4]	5.43	9.01	16.72	0.27[3]	2.02[4]	5.83	9.60	18.4	8.3	13.4	24.1
	24			1.98[3]	4.25[3]	9.36[4]			3.11[3]	5.86[3]	12.04			3.60[3]	6.95[4]	14.35		0.19[3]	3.97[3]	7.53[4]	15.9	6.26[4]	11.1	21.4
16	12		0.78[3]	3.27[3]	5.43[4]	10.25		1.39[3]	4.41[3]	6.99	12.71	0.21[3]	1.75[3]	5.07[4]	8.24	14.97	0.31[3]	1.94[3]	5.40[4]	8.91	16.68	7.6	12.3	21.6
	16			2.30[3]	4.36[3]	8.99[4]		0.35[3]	3.33[3]	5.82[3]	11.37		0.63[3]	3.92[3]	6.96[4]	13.50		0.80[3]	4.24[3]	7.59[4]	15.14	6.36[4]	10.8	19.9
	24			0.58[2]	2.49[2]	6.77[3]			1.43[2]	3.76[3]	8.98[3]			1.88[2]	4.67[3]	10.9[3]			2.16[2]	5.24[3]	12.4[4]	4.11[3]	8.21[3]	16.9
18	12			2.18[2]	4.01[3]	8.06[4]		0.50[2]	3.09[3]	5.29[3]	10.2[4]		0.77[3]	3.72[3]	6.38[3]	12.06		0.94[3]	4.02[3]	7.10[4]	13.78	5.93[3]	9.9	17.8
	16			1.18[2]	2.91[2]	6.76[3]			1.99[2]	4.08[3]	8.75[3]			2.50[2]	5.03[3]	10.5[4]			2.78[3]	5.68[3]	12.1[4]	4.58[3]	8.33[3]	16.0
	24				1.01[1]	4.50[2]				1.99[2]	6.31[2]			0.39[1]	2.68[2]	7.82[3]			0.61[2]	3.19[2]	9.18[3]	2.22[2]	5.61[3]	12.9[3]
20	12			1.27[2]	2.79[2]	6.14[3]			1.99[2]	3.82[3]	7.89[3]			2.52[2]	4.69[3]	9.47[3]			2.79[3]	5.34[3]	11.0[4]	4.41[3]	7.71[3]	14.3
	16			0.29[1]	1.71[2]	4.85[2]			0.91[1]	2.64[2]	6.50[3]			1.29[2]	3.35[2]	7.93[3]			1.52[2]	3.90[2]	9.31[3]	3.03[2]	6.13[3]	12.5[3]
	24					2.66[1]				0.60[1]	4.12[2]				1.05[1]	5.29[2]				1.43[1]	6.40[2]	0.67[1]	3.42[2]	9.43[3]

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	2.32	3.74	6.97	9.62	15.3	2.90	4.93	9.45	13.05	21.2	3.20	5.41	9.76	14.6	24.8	3.38	5.57	10.19	14.8	26.6	13.4	19.9	33.1
	16	1.89	3.31	6.56	9.21	14.9	2.45	4.45	8.97	12.56	20.7	2.74	4.92	9.29	14.1	24.3	2.91	5.09	9.73	14.3	26.1	12.9	19.3	32.5
	24	1.04	2.47	5.75	8.40	14.0	1.58	3.51	8.01	11.60	19.7	1.84	3.95	8.37	13.0	23.2	1.99	4.14	8.80	13.4	25.0	12.0	18.3	31.4
9	12	1.96	3.37	6.60	9.25	14.9	2.50	4.48	8.89	12.43	20.4	2.79	4.95	9.23	13.9	23.9	2.96	5.12	9.65	14.2	25.6	12.8	19.1	32.0
	16	1.42	2.83	6.08	8.72	14.4	1.95	3.88	8.27	11.80	19.7	2.22	4.33	8.63	13.2	23.2	2.38	4.51	9.06	13.6	24.9	12.2	18.4	31.3
	24	0.39	1.79	5.06	7.70	13.3	0.89	2.72	7.08	10.59	18.5	1.11	3.14	7.48	12.0	21.8	1.26	3.33	7.90	12.3	23.5	10.9	17.1	29.8
10	12	1.55	2.96	6.17	8.81	14.4	2.07	3.97	8.24	11.70	19.5	2.34	4.43	8.62	13.12	22.8	2.50	4.61	9.04	13.4	24.5	12.1	18.2	30.8
	16	0.91	2.30	5.53	8.16	13.7	1.42	3.25	7.50	10.94	18.7	1.65	3.69	7.89	12.32	21.9	1.81	3.88	8.32	12.7	23.6	11.3	17.3	29.9
	24		1.06[4]	4.30	6.90	12.4	0.17[4]	1.88	6.07	9.47	17.1	0.35[4]	2.27	6.50	10.78	20.2	0.48[4]	2.47	6.92	11.2	21.9	9.8	15.7	28.1
12	12	0.67[4]	2.00	5.11	7.74	13.23	1.14[4]	2.85	6.75	9.98	17.19	1.36	3.28	7.21	11.31	20.1	1.51	3.47	7.63	11.76	21.8	10.4	16.1	27.9
	16		1.14[3]	4.23	6.82	12.23	0.30[3]	1.90[4]	5.76	8.94	16.06	0.47[3]	2.29	6.23	10.21	18.9	0.60[4]	2.49	6.65	10.70	20.6	9.3	14.9	26.6
	24			2.60[3]	5.09[3]	10.35		0.17[3]	3.94[3]	7.02[4]	13.92		0.47[3]	4.40[4]	8.17	16.6		0.66[3]	4.80[4]	8.68	18.2	7.4	12.7	24.1
14	12		0.99[3]	3.81[4]	6.22	11.66	0.21[3]	1.68[3]	5.14[4]	8.03	14.50	0.37[3]	2.06[4]	5.68	9.28	17.03	0.49[3]	2.26[4]	6.08	9.88	18.7	8.5	13.7	24.4
	16			2.76[3]	5.09[3]	10.34		0.58[3]	3.97[3]	6.79[4]	13.09		0.89[3]	4.49[3]	7.95	15.50		1.08[3]	4.87[4]	8.54	17.1	7.2	12.2	22.7
	24			0.89[2]	3.06[3]	7.97[3]			1.90[2]	4.56[3]	10.6[3]			2.34[3]	5.53[3]	12.7[4]			2.68[3]	6.09[3]	14.2	4.87[3]	9.48[4]	19.6
16	12			2.53[3]	4.62[3]	9.29[4]		0.60[3]	3.59[3]	6.10[3]	11.69		0.90[3]	4.20[3]	7.27[4]	13.85		1.08[3]	4.52[3]	7.91	15.51	6.66[4]	11.2	20.3
	16			1.41[2]	3.39[3]	7.84[3]			2.35[2]	4.75[3]	10.1[4]			2.86[3]	5.77[3]	12.1[4]			3.16[3]	6.38[3]	13.71	5.19[3]	9.47[4]	18.4
	24				1.23[2]	5.29[2]			0.17[1]	2.38[2]	7.39[3]			0.52[2]	3.15[2]	9.12[3]			0.77[2]	3.66[3]	10.5[3]	2.59[2]	6.46[3]	14.9[4]
18	12			1.42[2]	3.17[2]	7.07[3]			2.25[2]	4.37[3]	9.08[3]			2.80[3]	5.35[3]	10.9[4]			3.07[3]	6.02[3]	12.51	4.90[3]	8.70[4]	16.4
	16			0.28[1]	1.92[2]	5.58[3]			1.00[2]	2.99[2]	7.48[3]			1.40[2]	3.80[2]	9.11[3]			1.65[2]	4.38[3]	10.6[3]	3.36[2]	6.91[3]	14.4[4]
	24					3.02[2]				0.62[1]	4.71[2]				1.13[1]	6.04[2]				1.54[2]	7.25[3]	0.66[1]	3.81[2]	10.8[3]
20	12			0.52[1]	1.96[2]	5.16[2]			1.17[2]	2.92[2]	6.83[3]			1.58[2]	3.67[2]	8.30[3]			1.83[2]	4.25[3]	9.72[3]	3.36[2]	6.51[3]	12.9[4]
	16				0.74[1]	3.71[2]				1.57[1]	5.26[2]			0.19[1]	2.15[2]	6.55[2]			0.38[1]	2.61[2]	7.79[3]	1.80[2]	4.72[2]	10.9[3]
	24					1.23[1]					2.57[1]					3.56[1]					4.49[2]		1.64[1]	7.41[2]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	2.06	3.48	6.72	9.38	15.0	2.63	4.64	9.16	12.76	20.9	2.92	5.11	9.48	14.3	24.5	3.10	5.28	9.91	14.5	26.3	13.1	19.5	32.7
	16	1.55	2.97	6.23	8.89	14.5	2.10	4.07	8.58	12.17	20.3	2.37	4.53	8.92	13.7	23.8	2.54	4.71	9.35	13.9	25.6	12.5	18.9	32.1
	24	0.55	1.97	5.28	7.93	13.6	1.08	2.96	7.45	11.03	19.1	1.31	3.39	7.82	12.5	22.5	1.46	3.58	8.25	12.8	24.3	11.4	17.6	30.7
9	12	1.63	3.04	6.29	8.93	14.6	2.17	4.11	8.52	12.05	20.0	2.44	4.58	8.87	13.5	23.5	2.61	4.75	9.30	13.8	25.2	12.4	18.7	31.6
	16	1.00	2.41	5.67	8.31	13.9	1.52	3.41	7.79	11.32	19.2	1.77	3.85	8.17	12.7	22.6	1.92	4.04	8.59	13.1	24.4	11.7	17.9	30.7
	24		1.18	4.47	7.10	12.7	0.28[4]	2.05	6.39	9.89	17.7	0.47	2.44	6.80	11.2	21.0	0.60	2.65	7.22	11.6	22.7	10.2	16.3	29.0
10	12	1.16	2.56	5.79	8.41	14.0	1.67	3.53	7.79	11.24	19.0	1.92	3.98	8.18	12.64	22.3	2.08	4.17	8.61	13.0	24.0	11.6	17.7	30.2
	16	0.41[4]	1.80	5.03	7.64	13.2	0.91	2.69	6.92	10.34	18.0	1.12	3.11	7.33	11.70	21.2	1.27	3.31	7.75	12.1	22.9	10.7	16.7	29.2
	24		0.35[3]	3.59[4]	6.17	11.6		1.09[4]	5.25	8.63	16.2		1.45	5.69	9.89	19.2		1.66	6.11	10.3	20.9	8.9	14.7	27.0
12	12	0.17[3]	1.48[4]	4.58	7.18	12.63	0.63[3]	2.27	6.15	9.35	16.51	0.82[4]	2.68	6.62	10.64	19.4	0.95[4]	2.88	7.04	11.12	21.0	9.8	15.4	27.1
	16		0.49[3]	3.56[4]	6.11	11.46		1.19[3]	5.01[4]	8.15	15.18		1.54[4]	5.48	9.38	17.9		1.74[4]	5.89	9.87	19.6	8.5	14.0	25.6
	24			1.69[3]	4.13[3]	9.29[4]			2.92[3]	5.94[3]	12.72			3.38[3]	7.02[4]	15.2			3.75[3]	7.54[4]	16.8	6.23[4]	11.4	22.7
14	12		0.38[3]	3.17[3]	5.53[4]	10.86		1.01[3]	4.43[3]	7.28	13.64		1.35[3]	4.96[4]	8.47	16.10		1.54[3]	5.35[4]	9.06	17.8	7.8	12.8	23.4
	16			1.98[3]	4.25[3]	9.36[4]			3.11[3]	5.86[3]	12.04			3.60[3]	6.95[4]	14.35		0.19[3]	3.97[3]	7.53[4]	15.9	6.26[4]	11.1	21.4
	24				1.96[2]	6.67[3]			0.76[2]	3.34[3]	9.15[3]			1.17[2]	4.21[3]	11.2[3]			1.47[2]	4.74[3]	12.6[4]	3.56[3]	7.98[3]	17.9
16	12			1.84[2]	3.87[3]	8.40[3]			2.83[3]	5.28[3]	10.7[4]		0.11[3]	3.38[3]	6.35[3]	12.81		0.27[3]	3.69[3]	6.97[4]	14.41	5.76[3]	10.1	19.1
	16			0.58[2]	2.49[2]	6.77[3]			1.43[2]	3.76[3]	8.98[3]			1.88[2]	4.67[3]	10.9[3]			2.16[2]	5.24[3]	12.4[4]	4.11[3]	8.21[3]	16.9
	24					3.92[2]				1.11[2]	5.91[2]				1.74[2]	7.49[3]				2.19[2]	8.77[3]	1.19[2]	4.84[3]	13.0[3]
18	12			0.72[1]	2.40[2]	6.16[3]			1.48[2]	3.52[2]	8.10[3]			1.94[2]	4.40[3]	9.79[3]			2.20[2]	5.01[3]	11.3[4]	3.95[3]	7.60[3]	15.2
	16				1.01[1]	4.50[2]				1.99[2]	6.31[2]			0.39[1]	2.68[2]	7.82[3]			0.61[2]	3.19[2]	9.18[3]	2.22[2]	5.61[3]	12.9[3]
	24					1.66[1]					3.24[1]					4.42[2]					5.47[2]		2.16[2]	8.91[3]
20	12				1.21[1]	4.27[2]			0.41[1]	2.09[2]	5.86[2]			0.73[1]	2.73[2]	7.22[3]			0.94[2]	3.24[2]	8.53[3]	2.40[2]	5.41[3]	11.7[3]
	16					2.66[1]				0.60[1]	4.12[2]				1.05[1]	5.29[2]				1.43[1]	6.40[2]	0.67[1]	3.42[2]	9.43[3]
	24										1.16[1]					1.99[1]					2.76[1]			5.57[2]

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300					600S350		
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	54	68	97
8	12	1.80	3.22	6.48	9.13	14.8	2.36	4.36	8.87	12.46	20.6	2.65	4.82	9.20	14.0	24.2	2.82	4.99	9.63	14.2	25.9	12.8	19.2	32.4
	16	1.21	2.63	5.91	8.57	14.2	1.76	3.70	8.20	11.79	19.9	2.01	4.14	8.55	13.2	23.4	2.18	4.33	8.98	13.5	25.2	12.2	18.5	31.6
	24		1.49	4.81	7.46	13.1	0.58	2.42	6.89	10.47	18.5	0.79	2.83	7.28	11.9	21.9	0.93	3.03	7.71	12.2	23.6	10.8	17.0	30.1
9	12	1.31	2.72	5.97	8.62	14.2	1.84	3.76	8.15	11.68	19.6	2.10	4.21	8.52	13.1	23.0	2.26	4.39	8.94	13.4	24.8	12.0	18.3	31.1
	16	0.59	1.99	5.26	7.90	13.5	1.10	2.95	7.32	10.83	18.7	1.33	3.37	7.70	12.2	22.1	1.48	3.57	8.13	12.6	23.8	11.2	17.3	30.1
	24		0.60[4]	3.89	6.51	12.0		1.39	5.71	9.19	17.0		1.77	6.13	10.5	20.2		1.97	6.55	10.9	21.9	9.5	15.5	28.2
10	12	0.78	2.17	5.40	8.03	13.6	1.29	3.11	7.35	10.79	18.5	1.52	3.54	7.75	12.16	21.7	1.67	3.73	8.18	12.5	23.4	11.1	17.2	29.7
	16		1.30	4.54	7.14	12.7	0.41[4]	2.15	6.35	9.76	17.4	0.61[4]	2.55	6.77	11.08	20.5	0.74	2.75	7.20	11.5	22.2	10.1	16.0	28.4
	24			2.90[3]	5.46	10.9		0.33[3]	4.46[4]	7.80	15.3		0.66[4]	4.91	9.02	18.2		0.86[4]	5.32	9.5	19.9	8.1	13.8	26.0
12	12		0.97[3]	4.06[4]	6.64	12.04	0.13[3]	1.72[4]	5.57	8.74	15.84	0.30[3]	2.10	6.04	10.00	18.6	0.42[3]	2.30	6.46	10.49	20.3	9.1	14.7	26.3
	16			2.92[3]	5.43[4]	10.72		0.50[3]	4.29[4]	7.39	14.34		0.82[3]	4.76[4]	8.57	17.0		1.02[4]	5.16[4]	9.07	18.6	7.7	13.1	24.6
	24			0.83[2]	3.20[3]	8.27[3]			1.94[3]	4.91[3]	11.6[4]			2.39[3]	5.91[3]	14.0			2.75[3]	6.43[4]	15.5	5.15[3]	10.2	21.3
14	12			2.56[3]	4.88[3]	10.09		0.37[3]	3.75[3]	6.56[4]	12.82		0.66[3]	4.26[3]	7.69[4]	15.21		0.85[3]	4.64[4]	8.28	16.8	6.99[4]	11.9	22.4
	16			1.25[2]	3.45[3]	8.42[3]			2.29[3]	4.98[3]	11.0[4]			2.75[3]	5.99[3]	13.25			3.10[3]	6.56[3]	14.8	5.33[3]	10.0[4]	20.2
	24				0.92[2]	5.45[3]				2.19[2]	7.83[3]				2.96[2]	9.73[3]			0.32[2]	3.46[3]	11.1[3]	2.33[2]	6.56[3]	16.2[4]
16	12			1.20[2]	3.16[3]	7.56[3]			2.11[2]	4.50[3]	9.84[3]			2.61[3]	5.49[3]	11.8[4]			2.91[3]	6.09[3]	13.37	4.92[3]	9.14[4]	18.0
	16				1.64[2]	5.76[3]			0.58[2]	2.83[2]	7.90[3]			0.96[2]	3.64[2]	9.69[3]			1.22[2]	4.17[3]	11.1[3]	3.09[2]	7.03[3]	15.6[4]
	24					2.65[2]					4.54[2]				0.42[1]	5.97[2]				0.81[2]	7.14[3]		3.32[2]	11.3[3]
18	12				1.68[2]	5.30[2]			0.76[1]	2.73[2]	7.18[3]			1.14[2]	3.51[2]	8.78[3]			1.38[2]	4.07[3]	10.2[3]	3.06[2]	6.57[3]	14.0[4]
	16				0.16[1]	3.50[2]				1.06[1]	5.23[2]				1.63[2]	6.62[2]				2.07[2]	7.87[3]	1.17[2]	4.39[2]	11.5[3]
	24					0.41[1]					1.88[1]					2.91[1]					3.82[2]		0.63[1]	7.16[2]
20	12				0.51[1]	3.44[2]				1.32[1]	4.96[2]				1.87[2]	6.23[2]			0.12[1]	2.31[2]	7.43[3]	1.51[2]	4.38[2]	10.5[3]
	16					1.69[1]					3.07[1]					4.12[2]				0.33[1]	5.11[2]		2.22[1]	8.06[2]
	24															0.54[1]					1.15[1]			3.86[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.22	11.9	17.1	28.6	7.37	12.4	17.5	31.2	15.8	22.9	37.5
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.22	11.9	17.1	28.6	7.37	12.4	17.5	31.2	15.8	22.9	37.5
	24	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.22	11.9	17.1	28.6	7.37	12.4	17.5	31.2	15.8	22.9	37.5
9	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.20	11.9	17.1	28.5	7.34	12.3	17.4	31.0	15.8	22.7	37.3
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.20	11.9	17.1	28.5	7.34	12.3	17.4	31.0	15.8	22.7	37.3
	24	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.20	11.9	17.1	28.5	7.34	12.3	17.4	31.0	15.8	22.7	37.3
10	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.17	11.8	17.0	28.3	7.31	12.3	17.3	30.7	15.7	22.5	37.1
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.17	11.8	17.0	28.3	7.31	12.3	17.3	30.7	15.7	22.5	37.1
	24	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.17	11.8	17.0	28.3	7.31	12.3	17.3	30.7	15.7	22.5	37.1
12	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.10	11.6	16.8	27.9	7.23	12.0	17.0	29.9	15.3	22.1	36.2
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.10	11.6	16.8	27.9	7.23	12.0	17.0	29.9	15.3	22.1	36.2
	24	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.37	6.59	11.3	14.9	23.1	7.10	11.6	16.8	27.9	7.23	12.0	17.0	29.9	15.3	22.1	36.2
14	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.32	6.51	11.1	14.8	23.1	6.99	11.3	16.4	27.1	7.11	11.7	16.5	28.9	14.9	21.5	35.0
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.32	6.51	11.1	14.8	23.1	6.99	11.3	16.4	27.1	7.11	11.7	16.5	28.9	14.9	21.5	35.0
	24	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.32	6.51	11.1	14.8	23.1	6.99	11.3	16.4	27.1	7.11	11.7	16.5	28.9	14.9	21.5	35.0
16	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.24	6.34	10.7	14.3	22.5	6.84	11.0	15.8	25.9	6.96	11.4	16.0	27.7	14.4	20.7	33.8
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.24	6.34	10.7	14.3	22.5	6.84	11.0	15.8	25.9	6.96	11.4	16.0	27.7	14.4	20.7	33.8
	24	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.24	6.34	10.7	14.3	22.5	6.84	11.0	15.8	25.9	6.96	11.4	16.0	27.7	14.4	20.7	33.8
18	12	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.13	6.13	10.2	13.6	21.3	6.66	10.5	15.0	24.5	6.79	10.9	15.4	26.3	13.8	19.9	32.4
	16	1.71	2.43	3.23	3.59	4.96	7.94	10.5	16.3	4.13	6.13	10.2	13.6	21.3	6.66	10.5	15.0	24.5	6.79	10.9	15.4	26.3	13.8	19.9	32.4
	24	1.71	2.43	3.23	3.58	4.96	7.93	10.5	16.3	4.13	6.13	10.2	13.6	21.3	6.66	10.5	15.0	24.5	6.79	10.9	15.4	26.3	13.8	19.9	32.4
20	12	1.71	2.43	3.23	3.51	4.88	7.84	10.5	16.3	3.99	5.87	9.52	12.7	20.0	6.46	10.1	14.3	22.9	6.59	10.4	14.8	24.8	13.1	19.0	30.7
	16	1.71	2.43	3.23	3.51	4.88	7.84	10.5	16.3	3.99	5.87	9.52	12.7	20.0	6.46	10.1	14.3	22.9	6.59	10.4	14.8	24.8	13.1	19.0	30.7
	24	1.71	2.43	3.23	3.51	4.88	7.84	10.5	16.3	3.99	5.87	9.52	12.7	20.0	6.46	10.1	14.3	22.9	6.59	10.4	14.8	24.8	13.1	19.0	30.7

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	1.56	2.29	3.12	3.39	4.77	7.77	10.4	16.2	4.17	6.38	11.1	14.7	22.9	6.99	11.7	16.9	28.4	7.14	12.2	17.3	30.9	15.6	22.6	37.2
	16	1.51	2.24	3.09	3.33	4.71	7.71	10.3	16.1	4.10	6.30	11.0	14.7	22.9	6.92	11.6	16.8	28.3	7.07	12.1	17.2	30.9	15.5	22.5	37.2
	24	1.41	2.14	3.02	3.2	4.59	7.59	10.2	16.0	3.96	6.16	10.9	14.5	22.7	6.76	11.5	16.7	28.1	6.92	12.0	17.1	30.7	15.3	22.4	37.0
9	12	1.52	2.25	3.09	3.34	4.72	7.72	10.3	16.1	4.11	6.32	11.0	14.7	22.9	6.91	11.6	16.8	28.2	7.06	12.1	17.1	30.6	15.5	22.4	37.0
	16	1.46	2.19	3.05	3.25	4.64	7.64	10.3	16.0	4.02	6.22	10.9	14.6	22.8	6.81	11.5	16.7	28.1	6.96	12.0	17.0	30.5	15.4	22.3	36.9
	24	1.33	2.06	2.96	3.09	4.48	7.50	10.1	15.9	3.85	6.04	10.8	14.4	22.6	6.62	11.3	16.5	27.9	6.77	11.8	16.9	30.3	15.2	22.1	36.7
10	12	1.47	2.2	3.06	3.28	4.66	7.66	10.3	16.1	4.04	6.24	11.0	14.6	22.8	6.81	11.5	16.6	27.9	6.96	11.9	16.9	30.3	15.3	22.1	36.6
	16	1.39	2.13	3	3.17	4.56	7.57	10.2	16.0	3.94	6.13	10.8	14.5	22.7	6.69	11.3	16.5	27.8	6.84	11.8	16.8	30.1	15.2	22.0	36.5
	24	1.24	1.98	2.89	2.97	4.36	7.39	10.0	15.8	3.72	5.90	10.6	14.3	22.5	6.45	11.1	16.3	27.5	6.60	11.6	16.6	29.9	15.0	21.8	36.2
12	12	1.36	2.1	2.98	3.13	4.52	7.52	10.1	15.9	3.89	6.07	10.8	14.4	22.6	6.57	11.1	16.2	27.3	6.71	11.5	16.4	29.3	14.8	21.5	35.6
	16	1.25	1.99	2.9	2.98	4.37	7.39	10.0	15.8	3.73	5.90	10.6	14.3	22.4	6.39	10.9	16.0	27.1	6.54	11.4	16.3	29.1	14.6	21.3	35.4
	24	1.02	1.77	2.73	2.68	4.08	7.12	9.7	15.5	3.41	5.57	10.3	13.9	22.1	6.05	10.6	15.7	26.7	6.20	11.0	15.9	28.7	14.3	20.9	35.0
14	12	1.23	1.97	2.88	2.95	4.34	7.35	10.0	15.7	3.65	5.79	10.4	14.1	22.4	6.26	10.6	15.6	26.3	6.40	11.0	15.8	28.1	14.2	20.7	34.2
	16	1.08	1.82	2.77	2.74	4.14	7.16	9.8	15.5	3.43	5.55	10.1	13.8	22.1	6.02	10.4	15.3	26.0	6.16	10.8	15.5	27.8	13.9	20.4	33.9
	24	0.77	1.52	2.54	2.34	3.74	6.78	9.4	15.2	3.01	5.09	9.7	13.4	21.6	5.55	9.9	14.8	25.5	5.70	10.3	15.1	27.2	13.4	19.9	33.3
16	12	1.08	1.82	2.77	2.73	4.12	7.13	9.7	15.5	3.36	5.39	9.7	13.3	21.4	5.88	10.0	14.7	24.8	6.02	10.4	15.0	26.5	13.4	19.7	32.6
	16	0.88	1.62	2.62	2.46	3.85	6.87	9.5	15.2	3.08	5.09	9.4	13.0	21.1	5.57	9.7	14.4	24.4	5.72	10.1	14.7	26.1	13.1	19.3	32.2
	24	0.49	1.24	2.32	1.94	3.34	6.36	9.0	14.7	2.54	4.50	8.8	12.3	20.4	4.96	9.1	13.7	23.7	5.12	9.5	14.0	25.4	12.4	18.6	31.5
18	12	0.91	1.65	2.63	2.48	3.87	6.86	9.5	15.2	3.02	4.93	8.9	12.3	20.0	5.43	9.3	13.7	23.0	5.59	9.7	14.1	24.8	12.5	18.5	30.9
	16	0.66	1.4	2.44	2.15	3.53	6.52	9.1	14.8	2.68	4.56	8.5	11.9	19.5	5.05	8.9	13.3	22.6	5.21	9.4	13.7	24.3	12.1	18.1	30.4
	24	0.19[4]	0.92	2.06	1.51	2.88	5.87	8.5	14.1	2.03	3.85	7.8	11.1	18.7	4.31	8.2	12.5	21.6	4.48	8.6	12.9	23.3	11.4	17.2	29.4
20	12	0.72	1.45	2.47	2.16	3.52	6.46	9.1	14.8	2.65	4.42	8.01	11.1	18.3	4.94	8.6	12.6	21.1	5.12	9.0	13.2	22.9	11.6	17.2	28.7
	16	0.43[4]	1.16	2.24	1.77	3.11	6.04	8.7	14.3	2.25	3.98	7.55	10.7	17.8	4.49	8.1	12.1	20.5	4.67	8.5	12.7	22.3	11.1	16.7	28.1
	24		0.59[4]	1.78	1.04[4]	2.35	5.25	7.8	13.4	1.51	3.17	6.70	9.8	16.7	3.62	7.3	11.1	19.4	3.81	7.7	11.7	21.2	10.2	15.6	26.8

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	1.41	2.14	3.02	3.2	4.59	7.59	10.2	16.0	3.96	6.16	10.9	14.5	22.7	6.76	11.5	16.7	28.1	6.92	12.0	17.1	30.7	15.3	22.4	37.0
	16	1.31	2.05	2.94	3.07	4.46	7.48	10.1	15.9	3.83	6.02	10.7	14.4	22.6	6.61	11.3	16.5	28.0	6.77	11.8	16.9	30.5	15.2	22.2	36.8
	24	1.11	1.85	2.8	2.81	4.21	7.25	9.9	15.7	3.55	5.73	10.4	14.1	22.3	6.32	11.1	16.2	27.6	6.48	11.5	16.6	30.2	14.9	21.9	36.5
9	12	1.33	2.06	2.96	3.09	4.48	7.50	10.1	15.9	3.85	6.04	10.8	14.4	22.6	6.62	11.3	16.5	27.9	6.77	11.8	16.9	30.3	15.2	22.1	36.7
	16	1.2	1.94	2.87	2.93	4.32	7.35	10.0	15.8	3.67	5.85	10.6	14.2	22.4	6.43	11.1	16.3	27.6	6.59	11.6	16.7	30.1	15.0	21.9	36.4
	24	0.95	1.7	2.68	2.6	4.01	7.06	9.7	15.5	3.33	5.49	10.2	13.9	22.1	6.05	10.8	15.9	27.2	6.21	11.2	16.3	29.7	14.6	21.5	36.0
10	12	1.24	1.98	2.89	2.97	4.36	7.39	10.0	15.8	3.72	5.90	10.6	14.3	22.5	6.45	11.1	16.3	27.5	6.60	11.6	16.6	29.9	15.0	21.8	36.2
	16	1.08	1.82	2.78	2.77	4.17	7.20	9.8	15.6	3.50	5.67	10.4	14.0	22.2	6.22	10.9	16.0	27.3	6.37	11.3	16.4	29.6	14.7	21.5	36.0
	24	0.77	1.53	2.55	2.36	3.78	6.84	9.5	15.3	3.08	5.22	9.9	13.6	21.8	5.75	10.4	15.5	26.8	5.91	10.9	15.9	29.1	14.2	21.0	35.4
12	12	1.02	1.77	2.73	2.68	4.08	7.12	9.7	15.5	3.41	5.57	10.3	13.9	22.1	6.05	10.6	15.7	26.7	6.20	11.0	15.9	28.7	14.3	20.9	35.0
	16	0.8	1.55	2.57	2.39	3.80	6.85	9.5	15.3	3.10	5.23	9.9	13.6	21.8	5.71	10.3	15.3	26.3	5.86	10.7	15.6	28.3	13.9	20.6	34.6
	24	0.36	1.12	2.24	1.82	3.23	6.32	9.0	14.7	2.49	4.57	9.2	12.9	21.1	5.03	9.6	14.6	25.5	5.20	10.0	14.9	27.5	13.2	19.8	33.8
14	12	0.77	1.52	2.54	2.34	3.74	6.78	9.4	15.2	3.01	5.09	9.7	13.4	21.6	5.55	9.9	14.8	25.5	5.70	10.3	15.1	27.2	13.4	19.9	33.3
	16	0.48	1.23	2.32	1.95	3.35	6.40	9.0	14.8	2.59	4.64	9.2	12.9	21.1	5.09	9.5	14.3	24.9	5.25	9.9	14.6	26.7	13.0	19.4	32.8
	24		0.66	1.88	1.19	2.60	5.68	8.3	14.0	1.79	3.77	8.3	12.0	20.2	4.19	8.6	13.4	23.8	4.36	9.0	13.7	25.6	12.0	18.3	31.7
16	12	0.49	1.24	2.32	1.94	3.34	6.36	9.0	14.7	2.54	4.50	8.8	12.3	20.4	4.96	9.1	13.7	23.7	5.12	9.5	14.0	25.4	12.4	18.6	31.5
	16	0.12[4]	0.87	2.03	1.45	2.84	5.87	8.5	14.2	2.02	3.94	8.2	11.7	19.8	4.38	8.6	13.1	23.0	4.55	9.0	13.4	24.7	11.8	17.9	30.7
	24		0.15[4]	1.46	0.51[4]	1.88	4.93	7.5	13.2	1.04[4]	2.86	7.1	10.5	18.5	3.26	7.4	11.9	21.6	3.44	7.9	12.2	23.3	10.7	16.6	29.3
18	12	0.19[4]	0.92	2.06	1.51	2.88	5.87	8.5	14.1	2.03	3.85	7.8	11.1	18.7	4.31	8.2	12.5	21.6	4.48	8.6	12.9	23.3	11.4	17.2	29.4
	16		0.47[4]	1.7	0.92[4]	2.27	5.25	7.8	13.5	1.42	3.17	7.1	10.4	17.9	3.61	7.5	11.7	20.7	3.79	7.9	12.2	22.4	10.6	16.3	28.4
	24			1.01[3]		1.13[3]	4.10[4]	6.6	12.2	0.29[3]	1.92[4]	5.7	9.0	16.3	2.30	6.2	10.2	19.1	2.48	6.6	10.7	20.7	9.2	14.7	26.6
20	12		0.59[4]	1.78	1.04[4]	2.35	5.25	7.8	13.4	1.51	3.17	6.70	9.8	16.7	3.62	7.3	11.1	19.4	3.81	7.7	11.7	21.2	10.2	15.6	26.8
	16			1.35[4]	0.37[3]	1.65[4]	4.52	7.1	12.6	0.83[3]	2.41	5.90	8.9	15.8	2.82	6.5	10.2	18.4	3.00	6.8	10.8	20.1	9.3	14.6	25.7
	24			0.53[3]		0.37[3]	3.20[3]	5.64[4]	11.0		1.03[3]	4.44[4]	7.4	14.0	1.35[3]	4.97[4]	8.6	16.5	1.52[3]	5.33[4]	9.1	18.1	7.7	12.8	23.6

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	1.26	2	2.91	3	4.40	7.42	10.0	15.8	3.76	5.94	10.7	14.3	22.5	6.54	11.3	16.5	27.9	6.70	11.8	16.9	30.4	15.1	22.1	36.8
	16	1.11	1.85	2.8	2.81	4.21	7.25	9.9	15.7	3.55	5.73	10.4	14.1	22.3	6.32	11.1	16.2	27.6	6.48	11.5	16.6	30.2	14.9	21.9	36.5
	24	0.81	1.57	2.59	2.43	3.84	6.91	9.6	15.3	3.15	5.30	10.0	13.7	21.9	5.87	10.6	15.8	27.2	6.04	11.1	16.2	29.7	14.5	21.4	36.0
9	12	1.14	1.88	2.82	2.84	4.24	7.28	9.9	15.7	3.59	5.76	10.5	14.1	22.3	6.33	11.0	16.2	27.5	6.49	11.5	16.6	30.0	14.9	21.8	36.3
	16	0.95	1.7	2.68	2.6	4.01	7.06	9.7	15.5	3.33	5.49	10.2	13.9	22.1	6.05	10.8	15.9	27.2	6.21	11.2	16.3	29.7	14.6	21.5	36.0
	24	0.57	1.34	2.41	2.12	3.54	6.63	9.3	15.1	2.82	4.94	9.7	13.3	21.5	5.48	10.2	15.3	26.6	5.65	10.7	15.7	29.0	14.1	20.9	35.4
10	12	1	1.75	2.72	2.66	4.07	7.11	9.7	15.5	3.40	5.56	10.3	13.9	22.1	6.10	10.8	15.9	27.1	6.25	11.2	16.2	29.5	14.6	21.4	35.8
	16	0.77	1.53	2.55	2.36	3.78	6.84	9.5	15.3	3.08	5.22	9.9	13.6	21.8	5.75	10.4	15.5	26.8	5.91	10.9	15.9	29.1	14.2	21.0	35.4
	24	0.31	1.08	2.22	1.77	3.20	6.31	8.9	14.7	2.45	4.54	9.2	12.9	21.1	5.05	9.8	14.8	26.0	5.22	10.2	15.2	28.3	13.5	20.2	34.6
12	12	0.69	1.44	2.49	2.24	3.65	6.71	9.3	15.1	2.95	5.07	9.7	13.4	21.6	5.54	10.1	15.1	26.1	5.69	10.5	15.4	28.1	13.8	20.4	34.4
	16	0.36	1.12	2.24	1.82	3.23	6.32	9.0	14.7	2.49	4.57	9.2	12.9	21.1	5.03	9.6	14.6	25.5	5.20	10.0	14.9	27.5	13.2	19.8	33.8
	24		0.5	1.76	0.99	2.41	5.54	8.2	14.0	1.61	3.62	8.3	11.9	20.1	4.05	8.7	13.6	24.4	4.22	9.1	13.9	26.4	12.2	18.7	32.6
14	12	0.33	1.08	2.21	1.75	3.16	6.22	8.8	14.6	2.39	4.42	9.0	12.7	20.9	4.86	9.3	14.1	24.6	5.02	9.7	14.4	26.4	12.7	19.1	32.5
	16		0.66	1.88	1.19	2.60	5.68	8.3	14.0	1.79	3.77	8.3	12.0	20.2	4.19	8.6	13.4	23.8	4.36	9.0	13.7	25.6	12.0	18.3	31.7
	24			1.24	0.12[4]	1.52	4.63	7.2	13.0	0.66[4]	2.52	7.0	10.6	18.8	2.91	7.3	12.0	22.3	3.09	7.7	12.3	24.0	10.7	16.9	30.1
16	12		0.68	1.88	1.21	2.59	5.63	8.2	13.9	1.77	3.66	7.9	11.4	19.4	4.09	8.3	12.8	22.6	4.26	8.7	13.1	24.3	11.5	17.6	30.3
	16		0.15[4]	1.46	0.51[4]	1.88	4.93	7.5	13.2	1.04[4]	2.86	7.1	10.5	18.5	3.26	7.4	11.9	21.6	3.44	7.9	12.2	23.3	10.7	16.6	29.3
	24			0.66[3]		0.56[3]	3.61[4]	6.2	11.8		1.36[4]	5.5	8.9	16.7	1.70[4]	5.9	10.1	19.6	1.88	6.3	10.5	21.3	9.0	14.7	27.2
18	12		0.25[3]	1.52	0.63[3]	1.97	4.96	7.5	13.1	1.13[4]	2.85	6.7	10.0	17.5	3.27	7.2	11.3	20.3	3.45	7.6	11.8	22.0	10.2	15.9	28.0
	16			1.01[3]		1.13[3]	4.10[4]	6.6	12.2	0.29[3]	1.92[4]	5.7	9.0	16.3	2.30	6.2	10.2	19.1	2.48	6.6	10.7	20.7	9.2	14.7	26.6
	24						2.53[3]	4.98[3]	10.4		0.23[3]	3.93[3]	7.07[4]	14.2	0.51[3]	4.39[4]	8.2	16.7	0.67[3]	4.76[4]	8.7	18.3	7.2	12.5	24.1
20	12			1.14[3]		1.31[3]	4.18[4]	6.7	12.2	0.50[3]	2.05[4]	5.52	8.5	15.3	2.43	6.1	9.8	17.9	2.62	6.5	10.4	19.6	8.9	14.1	25.1
	16			0.53[3]		0.37[3]	3.20[3]	5.64[4]	11.0		1.03[3]	4.44[4]	7.4	14.0	1.35[3]	4.97[4]	8.6	16.5	1.52[3]	5.33[4]	9.1	18.1	7.7	12.8	23.6
	24						1.44[2]	3.75[3]	8.89[3]			2.52[3]	5.31[3]	11.7[4]		2.98[3]	6.31[3]	13.9		3.30[3]	6.85[4]	15.4	5.50[3]	10.2[4]	20.7

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	1.11	1.85	2.8	2.81	4.21	7.25	9.9	15.7	3.55	5.73	10.4	14.1	22.3	6.32	11.1	16.2	27.6	6.48	11.5	16.6	30.2	14.9	21.9	36.5
	16	0.91	1.66	2.66	2.56	3.97	7.03	9.7	15.4	3.28	5.44	10.2	13.8	22.0	6.02	10.8	15.9	27.3	6.18	11.3	16.3	29.9	14.6	21.6	36.2
	24	0.52	1.28	2.37	2.05	3.48	6.58	9.2	15.0	2.75	4.87	9.6	13.3	21.5	5.43	10.2	15.3	26.7	5.60	10.7	15.7	29.2	14.0	21.0	35.5
9	12	0.95	1.7	2.68	2.6	4.01	7.06	9.7	15.5	3.33	5.49	10.2	13.9	22.1	6.05	10.8	15.9	27.2	6.21	11.2	16.3	29.7	14.6	21.5	36.0
	16	0.7	1.46	2.5	2.28	3.70	6.77	9.4	15.2	2.99	5.12	9.8	13.5	21.7	5.67	10.4	15.5	26.8	5.84	10.9	15.9	29.2	14.3	21.1	35.6
	24	0.21	0.98	2.14	1.64	3.08	6.20	8.8	14.6	2.31	4.40	9.1	12.8	21.0	4.92	9.7	14.8	26.0	5.10	10.2	15.2	28.4	13.5	20.3	34.7
10	12	0.77	1.53	2.55	2.36	3.78	6.84	9.5	15.3	3.08	5.22	9.9	13.6	21.8	5.75	10.4	15.5	26.8	5.91	10.9	15.9	29.1	14.2	21.0	35.4
	16	0.46	1.23	2.33	1.97	3.39	6.48	9.1	14.9	2.66	4.77	9.5	13.1	21.3	5.28	10.0	15.1	26.2	5.45	10.4	15.4	28.5	13.8	20.5	34.9
	24		0.64	1.89	1.19	2.63	5.77	8.4	14.2	1.83	3.88	8.6	12.3	20.5	4.36	9.1	14.1	25.2	4.54	9.5	14.5	27.5	12.8	19.5	33.8
12	12	0.36	1.12	2.24	1.82	3.23	6.32	9.0	14.7	2.49	4.57	9.2	12.9	21.1	5.03	9.6	14.6	25.5	5.20	10.0	14.9	27.5	13.2	19.8	33.8
	16		0.71	1.92	1.26	2.68	5.80	8.4	14.2	1.90	3.93	8.6	12.3	20.4	4.37	9.0	13.9	24.8	4.54	9.4	14.2	26.7	12.6	19.1	33.0
	24			1.29	0.19[4]	1.62	4.78	7.4	13.2	0.75	2.69	7.3	11.0	19.1	3.09	7.7	12.5	23.3	3.27	8.1	12.9	25.2	11.2	17.6	31.4
14	12		0.66	1.88	1.19	2.60	5.68	8.3	14.0	1.79	3.77	8.3	12.0	20.2	4.19	8.6	13.4	23.8	4.36	9.0	13.7	25.6	12.0	18.3	31.7
	16		0.11[4]	1.45	0.47[4]	1.87	4.98	7.6	13.3	1.03	2.93	7.4	11.1	19.2	3.33	7.8	12.4	22.8	3.51	8.2	12.7	24.5	11.1	17.4	30.6
	24			0.62[3]		0.49[3]	3.63	6.2	11.9		1.34[4]	5.7	9.3	17.4	1.69	6.1	10.6	20.8	1.87	6.5	11.0	22.4	9.4	15.4	28.5
16	12		0.15[4]	1.46	0.51[4]	1.88	4.93	7.5	13.2	1.04[4]	2.86	7.1	10.5	18.5	3.26	7.4	11.9	21.6	3.44	7.9	12.2	23.3	10.7	16.6	29.3
	16			0.92[3]		0.99[4]	4.04	6.6	12.2	0.13[3]	1.84[4]	6.0	9.4	17.3	2.21	6.4	10.7	20.3	2.39	6.8	11.1	21.9	9.5	15.4	27.9
	24						2.38[3]	4.89[4]	10.4			3.98[3]	7.3	15.0	0.25[3]	4.41[4]	8.5	17.7	0.42[3]	4.78[4]	8.9	19.3	7.4	13.0	25.2
18	12			1.01[3]		1.13[3]	4.10[4]	6.6	12.2	0.29[3]	1.92[4]	5.7	9.0	16.3	2.30	6.2	10.2	19.1	2.48	6.6	10.7	20.7	9.2	14.7	26.6
	16			0.35[3]			3.04[3]	5.51[4]	11.0		0.77[3]	4.51[4]	7.7	14.9	1.08[3]	4.97[4]	8.8	17.5	1.25[4]	5.4	9.3	19.1	7.9	13.2	24.9
	24						1.10[2]	3.48[3]	8.75[4]			2.30[3]	5.33[3]	12.3[4]		2.73[3]	6.32[3]	14.6		3.06[3]	6.81[4]	16.1	5.41[3]	10.4	21.7
20	12			0.53[3]		0.37[3]	3.20[3]	5.64[4]	11.0		1.03[3]	4.44[4]	7.4	14.0	1.35[3]	4.97[4]	8.6	16.5	1.52[3]	5.33[4]	9.1	18.1	7.7	12.8	23.6
	16						2.00[3]	4.36[3]	9.57[4]			3.13[3]	5.97[3]	12.5		3.61[3]	7.03[4]	14.7	0.17[3]	3.95[3]	7.59[4]	16.3	6.20[4]	11.0	21.6
	24							2.07[2]	7.00[3]			0.80[2]	3.46[3]	9.58[3]		1.19[2]	4.30[3]	11.6[3]		1.46[2]	4.80[3]	13.0[4]	3.52[3]	7.96[3]	18.0

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	0.96	1.71	2.69	2.62	4.03	7.08	9.7	15.5	3.35	5.51	10.2	13.9	22.1	6.09	10.8	16.0	27.4	6.26	11.3	16.4	29.9	14.7	21.7	36.3
	16	0.71	1.47	2.52	2.3	3.72	6.80	9.4	15.2	3.02	5.16	9.9	13.6	21.8	5.72	10.5	15.6	27.0	5.89	11.0	16.0	29.5	14.3	21.3	35.8
	24	0.22	1	2.16	1.67	3.11	6.24	8.9	14.7	2.35	4.45	9.2	12.9	21.1	4.99	9.8	14.9	26.2	5.16	10.3	15.3	28.7	13.6	20.5	35.0
9	12	0.76	1.52	2.55	2.36	3.77	6.85	9.5	15.3	3.07	5.21	9.9	13.6	21.8	5.77	10.5	15.6	26.9	5.93	11.0	16.0	29.4	14.4	21.2	35.7
	16	0.45	1.22	2.32	1.96	3.38	6.49	9.1	14.9	2.65	4.76	9.5	13.2	21.4	5.30	10.0	15.1	26.4	5.47	10.5	15.5	28.8	13.9	20.7	35.2
	24		0.63	1.88	1.17	2.62	5.77	8.4	14.2	1.81	3.87	8.6	12.3	20.5	4.37	9.2	14.2	25.4	4.55	9.6	14.6	27.8	12.9	19.7	34.1
10	12	0.54	1.3	2.38	2.07	3.49	6.57	9.2	15.0	2.76	4.88	9.6	13.3	21.5	5.40	10.1	15.2	26.4	5.56	10.6	15.5	28.7	13.9	20.6	35.0
	16	0.16	0.94	2.11	1.58	3.01	6.13	8.8	14.6	2.24	4.32	9.0	12.7	20.9	4.82	9.5	14.6	25.7	4.99	10.0	14.9	28.0	13.3	20.0	34.4
	24		0.21	1.56	0.62	2.07	5.25	7.9	13.7	1.22	3.23	7.9	11.6	19.8	3.69	8.4	13.4	24.5	3.87	8.9	13.8	26.7	12.1	18.8	33.1
12	12		0.81	2	1.4	2.82	5.93	8.6	14.3	2.04	4.09	8.7	12.4	20.6	4.54	9.1	14.1	25.0	4.71	9.6	14.4	26.9	12.7	19.3	33.2
	16		0.3	1.61	0.72	2.15	5.29	7.9	13.7	1.32	3.30	7.9	11.6	19.8	3.73	8.3	13.2	24.0	3.90	8.8	13.5	26.0	11.9	18.4	32.2
	24			0.83		0.85	4.04	6.7	12.4		1.79	6.4	10.0	18.1	2.16	6.8	11.5	22.2	2.35	7.2	11.9	24.1	10.3	16.6	30.3
14	12		0.25	1.56	0.65	2.05	5.15	7.8	13.5	1.22	3.13	7.6	11.3	19.4	3.54	8.0	12.7	23.0	3.72	8.4	13.0	24.8	11.4	17.6	30.9
	16			1.03[4]		1.17[4]	4.29	6.9	12.6	0.30[4]	2.12	6.5	10.2	18.3	2.50	6.9	11.5	21.8	2.68	7.3	11.9	23.5	10.2	16.4	29.5
	24						2.67[3]	5.3	10.9		0.21[3]	4.53[4]	8.1	16.1	0.52[4]	4.9	9.3	19.3	0.70[4]	5.3	9.7	21.0	8.1	14.0	27.0
16	12			1.05[4]		1.21[4]	4.26	6.8	12.5	0.35[3]	2.09	6.2	9.7	17.6	2.47	6.6	11.0	20.6	2.65	7.1	11.4	22.2	9.8	15.7	28.2
	16			0.39[3]		0.14[3]	3.19[3]	5.7	11.3		0.88[3]	4.95[4]	8.4	16.1	1.21[4]	5.4	9.6	19.0	1.38[4]	5.8	10.0	20.6	8.5	14.1	26.5
	24						1.22[3]	3.68[3]	9.12[4]			2.59[3]	5.89[3]	13.4		3.03[3]	6.92[4]	16.0		3.37[3]	7.37[4]	17.5	5.90[4]	11.3	23.3
18	12			0.51[3]		0.34[3]	3.30[3]	5.78[4]	11.3		1.05[3]	4.81[4]	8.0	15.2	1.38[4]	5.3	9.2	17.9	1.55[4]	5.7	9.7	19.5	8.2	13.6	25.3
	16						2.04[3]	4.47[3]	9.8			3.37[3]	6.47[4]	13.5		3.82[3]	7.54[4]	16.0	0.11[3]	4.18[3]	8.0	17.6	6.60[4]	11.8	23.3
	24							2.08[2]	7.21[3]			0.80[2]	3.72[3]	10.4[3]		1.20[3]	4.59[3]	12.6[4]		1.49[3]	5.07[3]	14.0[4]	3.71[3]	8.50[3]	19.5
20	12						2.29[3]	4.67[3]	9.91[4]			3.45[3]	6.31[3]	12.8	0.34[3]	3.94[3]	7.39[4]	15.1	0.49[3]	4.29[3]	8.0	16.7	6.56[4]	11.5	22.1
	16						0.90[2]	3.17[3]	8.24[3]			1.92[3]	4.67[3]	11.0[4]		2.36[3]	5.62[3]	13.1[4]		2.66[3]	6.15[3]	14.6	4.82[3]	9.45[4]	19.8
	24							0.53[2]	5.26[2]				1.78[2]	7.65[3]			2.47[2]	9.42[3]			2.91[3]	10.7[3]	1.70[2]	5.88[3]	15.6[4]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	0.81	1.57	2.59	2.43	3.84	6.91	9.6	15.3	3.15	5.30	10.0	13.7	21.9	5.87	10.6	15.8	27.2	6.04	11.1	16.2	29.7	14.5	21.4	36.0
	16	0.52	1.28	2.37	2.05	3.48	6.58	9.2	15.0	2.75	4.87	9.6	13.3	21.5	5.43	10.2	15.3	26.7	5.60	10.7	15.7	29.2	14.0	21.0	35.5
	24		0.72	1.95	1.3	2.75	5.91	8.6	14.4	1.95	4.03	8.8	12.5	20.7	4.55	9.4	14.4	25.7	4.72	9.8	14.9	28.2	13.1	20.0	34.5
9	12	0.57	1.34	2.41	2.12	3.54	6.63	9.3	15.1	2.82	4.94	9.7	13.3	21.5	5.48	10.2	15.3	26.6	5.65	10.7	15.7	29.0	14.1	20.9	35.4
	16	0.21	0.98	2.14	1.64	3.08	6.20	8.8	14.6	2.31	4.40	9.1	12.8	21.0	4.92	9.7	14.8	26.0	5.10	10.2	15.2	28.4	13.5	20.3	34.7
	24		0.28	1.61	0.71	2.16	5.35	8.0	13.8	1.32	3.34	8.1	11.8	20.0	3.82	8.6	13.6	24.8	4.00	9.1	14.0	27.1	12.4	19.1	33.5
10	12	0.31	1.08	2.22	1.77	3.20	6.31	8.9	14.7	2.45	4.54	9.2	12.9	21.1	5.05	9.8	14.8	26.0	5.22	10.2	15.2	28.3	13.5	20.2	34.6
	16		0.64	1.89	1.19	2.63	5.77	8.4	14.2	1.83	3.88	8.6	12.3	20.5	4.36	9.1	14.1	25.2	4.54	9.5	14.5	27.5	12.8	19.5	33.8
	24			1.23		1.52	4.73	7.4	13.2	0.63	2.59	7.3	11.0	19.2	3.02	7.8	12.7	23.7	3.21	8.2	13.1	25.9	11.5	18.0	32.3
12	12		0.5	1.76	0.99	2.41	5.54	8.2	14.0	1.61	3.62	8.3	11.9	20.1	4.05	8.7	13.6	24.4	4.22	9.1	13.9	26.4	12.2	18.7	32.6
	16			1.29	0.19[4]	1.62	4.78	7.4	13.2	0.75	2.69	7.3	11.0	19.1	3.09	7.7	12.5	23.3	3.27	8.1	12.9	25.2	11.2	17.6	31.4
	24			0.38[4]			3.32	6.0	11.7		0.91	5.5	9.1	17.2	1.26	5.9	10.6	21.1	1.44	6.3	10.9	23.0	9.3	15.5	29.2
14	12			1.24	0.12[4]	1.52	4.63	7.2	13.0	0.66[4]	2.52	7.0	10.6	18.8	2.91	7.3	12.0	22.3	3.09	7.7	12.3	24.0	10.7	16.9	30.1
	16			0.62[3]		0.49[3]	3.63	6.2	11.9		1.34[4]	5.7	9.3	17.4	1.69	6.1	10.6	20.8	1.87	6.5	11.0	22.4	9.4	15.4	28.5
	24						1.75[3]	4.30[4]	9.9			3.38[3]	6.9	14.8		3.82[4]	8.1	17.9		4.18[4]	8.5	19.5	6.9	12.7	25.5
16	12			0.66[3]		0.56[3]	3.61[4]	6.2	11.8		1.36[4]	5.5	8.9	16.7	1.70[4]	5.9	10.1	19.6	1.88	6.3	10.5	21.3	9.0	14.7	27.2
	16						2.38[3]	4.89[4]	10.4			3.98[3]	7.3	15.0	0.25[3]	4.41[4]	8.5	17.7	0.42[3]	4.78[4]	8.9	19.3	7.4	13.0	25.2
	24						0.12[2]	2.54[3]	7.88[3]			1.29[3]	4.50[3]	11.9[4]		1.72[3]	5.45[3]	14.3		2.03[3]	5.90[3]	15.8	4.46[3]	9.66[4]	21.5
18	12						2.53[3]	4.98[3]	10.4		0.23[3]	3.93[3]	7.07[4]	14.2	0.51[3]	4.39[4]	8.2	16.7	0.67[3]	4.76[4]	8.7	18.3	7.2	12.5	24.1
	16						1.10[2]	3.48[3]	8.75[4]			2.30[3]	5.33[3]	12.3[4]		2.73[3]	6.32[3]	14.6		3.06[3]	6.81[4]	16.1	5.41[3]	10.4	21.7
	24							0.77[2]	5.76[3]				2.22[2]	8.73[3]			2.97[3]	10.7[3]			3.42[3]	12.1[3]	2.12[3]	6.69[3]	17.4[4]
20	12						1.44[2]	3.75[3]	8.89[3]			2.52[3]	5.31[3]	11.7[4]		2.98[3]	6.31[3]	13.9		3.30[3]	6.85[4]	15.4	5.50[3]	10.2[4]	20.7
	16							2.07[2]	7.00[3]			0.80[2]	3.46[3]	9.58[3]		1.19[2]	4.30[3]	11.6[3]		1.46[2]	4.80[3]	13.0[4]	3.52[3]	7.96[3]	18.0
	24								3.65[2]				0.22[2]	5.85[2]			0.77[2]	7.44[3]			1.15[2]	8.62[3]		3.94[2]	13.3[3]

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S125			800S162					800S200					800S250				800S300				800S350		
		33 ksi		50 ksi	33 ksi		50 ksi			33 ksi		50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			50 ksi		
		33	43	54	33	43	54	68	97	33	43	54	68	97	43	54	68	97	43	54	68	97	54	68	97
8	12	0.66	1.43	2.48	2.24	3.66	6.75	9.4	15.2	2.95	5.09	9.8	13.5	21.7	5.65	10.4	15.6	26.9	5.82	10.9	16.0	29.4	14.2	21.2	35.8
	16	0.32	1.1	2.23	1.8	3.23	6.35	9.0	14.8	2.48	4.59	9.3	13.0	21.2	5.13	9.9	15.0	26.4	5.30	10.4	15.4	28.9	13.7	20.6	35.2
	24		0.44	1.74	0.93	2.39	5.58	8.2	14.0	1.56	3.61	8.3	12.1	20.3	4.11	9.0	14.0	25.3	4.29	9.4	14.4	27.7	12.7	19.5	34.0
9	12	0.39	1.16	2.28	1.88	3.31	6.41	9.1	14.9	2.56	4.67	9.4	13.1	21.3	5.20	10.0	15.0	26.3	5.37	10.4	15.4	28.7	13.8	20.6	35.1
	16		0.74	1.96	1.33	2.77	5.92	8.6	14.4	1.98	4.05	8.8	12.5	20.7	4.55	9.3	14.4	25.6	4.73	9.8	14.8	28.0	13.1	19.9	34.3
	24			1.34	0.25	1.71	4.93	7.6	13.4	0.83	2.82	7.5	11.2	19.4	3.28	8.1	13.1	24.2	3.46	8.5	13.5	26.5	11.8	18.5	32.9
10	12		0.86	2.05	1.48	2.91	6.04	8.7	14.5	2.14	4.21	8.9	12.6	20.8	4.71	9.4	14.5	25.6	4.88	9.9	14.8	27.9	13.2	19.9	34.2
	16		0.36	1.67	0.81	2.26	5.42	8.1	13.9	1.43	3.45	8.1	11.8	20.0	3.91	8.7	13.6	24.7	4.09	9.1	14.0	26.9	12.4	19.0	33.3
	24			0.91		0.97	4.22	6.9	12.7		1.96	6.6	10.3	18.5	2.36	7.2	12.0	23.0	2.55	7.6	12.4	25.1	10.8	17.3	31.5
12	12		0.19	1.53	0.59	2.01	5.16	7.8	13.6	1.18	3.15	7.8	11.4	19.6	3.57	8.2	13.0	23.8	3.75	8.6	13.4	25.8	11.7	18.2	32.0
	16			0.99		1.10	4.29	6.9	12.7	0.20	2.08	6.7	10.3	18.5	2.47	7.1	11.9	22.5	2.65	7.5	12.2	24.4	10.6	16.9	30.7
	24						2.61[4]	5.2	11.0			4.6	8.2	16.3	0.38	5.0	9.6	20.0	0.56	5.4	10.0	21.9	8.4	14.5	28.1
14	12			0.93[4]		1.00[4]	4.13	6.7	12.4	0.12[4]	1.92	6.3	10.0	18.1	2.29	6.7	11.3	21.5	2.47	7.1	11.6	23.2	10.0	16.1	29.3
	16			0.22[3]			2.99[4]	5.6	11.2		0.58[4]	4.9	8.5	16.5	0.90[4]	5.3	9.7	19.8	1.09	5.7	10.1	21.4	8.5	14.5	27.5
	24						0.85[3]	3.38[3]	8.9			2.28[3]	5.78[4]	13.6		2.72[3]	6.84[4]	16.5		3.07[3]	7.3	18.1	5.73[4]	11.4	24.0
16	12			0.27[3]			2.99[3]	5.5	11.1		0.65[3]	4.71[4]	8.1	15.8	0.96[4]	5.1	9.3	18.7	1.14[4]	5.5	9.7	20.3	8.2	13.9	26.2
	16						1.60[3]	4.08[3]	9.6			3.05[3]	6.36[4]	13.9		3.48[3]	7.43[4]	16.6		3.83[3]	7.9	18.1	6.39[4]	11.8	23.9
	24							1.44[3]	6.69[3]				3.19[3]	10.4[3]		0.47[3]	4.04[3]	12.7[4]		0.74[3]	4.49[3]	14.1	3.08[3]	8.11[4]	19.7
18	12						1.80[3]	4.21[3]	9.56[4]			3.10[3]	6.18[3]	13.2		3.54[3]	7.23[4]	15.6		3.90[3]	7.73[4]	17.2	6.30[4]	11.4	22.9
	16						0.21[2]	2.54[3]	7.71[3]			1.29[2]	4.25[3]	11.0[4]		1.70[3]	5.15[3]	13.2[4]		2.00[3]	5.64[3]	14.7	4.27[3]	9.13[4]	20.2
	24								4.38[2]				0.80[2]	7.11[3]			1.44[2]	8.93[3]			1.86[2]	10.2[3]	0.61[2]	4.97[3]	15.4[4]
20	12						0.63[2]	2.89[3]	7.92[3]			1.64[2]	4.36[3]	10.6[3]		2.06[3]	5.28[3]	12.7[4]		2.36[3]	5.80[3]	14.2	4.49[3]	9.07[4]	19.3
	16							1.03[2]	5.83[3]				2.33[2]	8.28[3]			3.06[2]	10.1[3]		0.32[2]	3.52[3]	11.4[3]	2.29[2]	6.56[3]	16.4[4]
	24								2.14[2]					4.17[2]				5.58[2]				6.65[3]		2.12[2]	11.2[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

Floor Joist Load Tables

Table Notes

1. Load values are based on continuous support of the compression flange over the full length of the joist, and the tension flange is laterally braced at a maximum spacing of 8'-0".
2. Joists must be braced against rotation at all supports.
3. End shear and web crippling resistances are not reduced for punchouts.
4. End web crippling check is based on a 3.5" bearing length. Where load values are followed by (*), web stiffeners are required at end supports.

Bridging Recommendations

Bracing components shall be designed based on Section C2 of S136-16 with the minimum required number of rows as shown below. Additional bridging rows may be required by design.

Span(ft)	Minimum Number of Rows
Up to 16	1 at mid-span
16 to 24	2 at 1/3 point
24 to 32	3 at 1/4 point
32 to 40	4 at 1/5 point

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		600S162-43			600S162-54			600S162-68			600S162-97			600S200-43			600S200-54			600S200-68			600S200-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength	203*	152*	101*	360*	270*	180*	486*	364*	243*			371	232*	174*	116*	411*	308*	205*		416*	277*			430*
	L/360	197	147	98	243	182	121	300	225	150			204	228	171	114	282	212	141		262	174			239
9	Strength	160	120	80	284*	213*	142*	384	288	192		440	293	183*	137*	91*	325*	243*	162*	438*	329*	219*			339
	L/360	138	103	69	171	128	85	210	158	105		215	143	160	120	80	198	148	99	245	184	122			167
10	Strength	130	97	65	230	173	115	311	233	155	476	357	238	148	111	74	263*	197*	131*	355	266	177		413	275
	L/360	101	75	50	124	93	62	153	115	76	209	156	104	117	87	58	144	108	72	178	134	89		183	122
11	Strength	107	80	53	190	142	95	257	192	128	393	295	196	122	92	61	217	163*	108	293	220	146	455	341	227
	L/360	75	56	37	93	70	46	115	86	57	157	117	78	87	65	43	108	81	54	134	100	67	183	137	91
12	Strength	90	67	45	160	120	80	216	162	108	330	247	165	103	77	51	182	137	91	246	185	123	382	286	191
	L/360	58	43	29	72	54	36	88	66	44	121	90	60	67	50	33	83	62	41	103	77	51	141	106	70
13	Strength	76	57	38	136	102	68	184	138	92	281	211	140	87	65	43	155	116	77	210	157	105	325	244	162
	L/360	45	34	22	56	42	28	69	52	34	95	71	47	53	39	26	65	49	32	81	61	40	111	83	55
14	Strength	66	49	33	117	88	58	158	119	79	242	182	121	75	56	37	134	100	67	181	135	90	280	210	140
	L/360	36	27	18	45	34	22	56	42	28	76	57	38	42	31	21	52	39	26	65	48	32	89	66	44
15	Strength	57	43	28	102	76	51	138	103	69	211	158	105	66	49	33	117	87	58	157	118	78	244	183	122
	L/360	29	22	14	36	27	18	45	34	22	62	46	31	34	26	17	42	32	21	52	39	26	72	54	36
16	Strength	50	38	25	90	67	45	121	91	60	185	139	92	58	43	29	102	77	51	138	104	69	215	161	107
	L/360	24	18	12	30	22	15	37	28	18	51	38	25	28	21	14	35	26	17	43	32	21	59	44	29
17	Strength	44	33	22	79	59	39	107	80	53	164	123	82	51	38	25	91	68	45	122	92	61	190	142	95
	L/360	20	15	10	25	19	12	31	23	15	42	31	21	23	17	11	29	22	14	36	27	18	49	37	24
18	Strength	40	30		71	53	35	96	72	48	146	110	73	45	34	22	81	60	40	109	82	54	169	127	84
	L/360	17	12		21	16	10	26	19	13	35	26	17	20	15	10	24	18	12	30	23	15	41	31	20
19	Strength	36	27		63	47		86	64	43	131	98	65	41	30		72	54	36	98	73	49	152	114	76
	L/360	14	11		18	13		22	16	11	30	22	15	17	12		21	15	10	26	19	13	35	26	17
20	Strength	32			57	43		77	58		119	89	59	37	27		65	49		88	66	44	137	103	68
	L/360	12			15	11		19	14		26	19	13	14	10		18	13		22	16	11	30	22	15
21	Strength	29			52	39		70	52		107	80	53	33			59	44		80	60		124	93	62
	L/360	10			13	10		16	12		22	16	11	12			15	11		19	14		26	19	13
22	Strength				47			64	48		98	73		30			54	40		73	55		113	85	56
	L/360				11			14	10		19	14		10			13	10		16	12		22	17	11
23	Strength				43			58			89	67					49			67	50		104	78	52
	L/360				10			12			17	12					11			14	11		20	15	10
24	Strength							54			82	61					45			61			95	71	
	L/360							11			15	11					10			12			17	13	
25	Strength										76	57								56			88	66	
	L/360										13	10								11			15	11	
26	Strength										70									52			81	61	
	L/360										11									10			13	10	
27	Strength										65												75		
	L/360										10												12		
28	Strength																						70		
	L/360																						11		
29	Strength																						65		
	L/360																						10		
30	Strength																								
	L/360																								

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		600S250-43			600S250-54			600S250-68			600S250-97			600S300-43			600S300-54			600S300-68			600S300-97			600S350-54			600S350-68			600S350-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength	245*	184*	122*	432*	324*	216*		439*	293*			461*	254*	190*	127*	446*	335*	223*		457*	304*			485*		414*	276*			376*			
	L/360	260	195	130	311	233	155		298	198			276	280	210	140	335	251	167		323	215			308		297	198			258			
9	Strength	194*	145*	97*	341*	256*	170*	463*	347*	231*			365	200*	150*	100*	353*	264*	176*	481*	361*	240*			383*	436*	327*	218*		445*	297*			469*
	L/360	183	137	91	219	164	109	279	209	139			194	197	147	98	235	176	117	302	227	151			216	278	209	139		272	181			258
10	Strength	157	117	78	276*	207*	138*	375*	281*	187*		443	295	162*	122*	81*	286*	214*	143*	390*	292*	195*		465	310	353*	265*	176*	481*	360*	240*			380*
	L/360	133	100	66	159	119	79	203	152	101		212	141	143	107	71	171	128	85	220	165	110		237	158	203	152	101	264	198	132			188
11	Strength	130	97	65	228*	171*	114*	310	232	155	488	366	244	134	100	67	236*	177*	118*	322	241	161		385	256	292*	219*	146*	397*	298*	198*		471*	314*
	L/360	100	75	50	119	89	59	152	114	76	212	159	106	108	81	54	129	96	64	165	124	82		178	118	152	114	76	199	149	99		212	141
12	Strength	109	81	54	192	144	96	260	195	130	410	307	205	112	84	56	198	148	99	270	203	135	431	323	215	245*	184*	122*	334*	250*	167*		395	263
	L/360	77	57	38	92	69	46	117	88	58	163	122	81	83	62	41	99	74	49	127	95	63	183	137	91	117	88	58	153	114	76		163	108
13	Strength	93	69	46	163	122	81	222	166	111	349	262	174	96	72	48	169	126	84	230	173	115	367	275	183	209*	156*	104*	284*	213*	142*	449	337	224
	L/360	60	45	30	72	54	36	92	69	46	128	96	64	65	49	32	78	58	39	100	75	50	143	107	71	92	69	46	120	90	60	171	128	85
14	Strength	80	60	40	141	105	70	191	143	95	301	226	150	82	62	41	145	109	72	198	149	99	317	237	158	180*	135*	90*	245	184	122	387	290	193
	L/360	48	36	24	58	43	29	74	55	37	103	77	51	52	39	26	62	46	31	80	60	40	115	86	57	74	55	37	96	72	48	137	102	68
15	Strength	69	52	34	122	92	61	166	125	83	262	197	131	72	54	36	127	95	63	173	129	86	276	207	138	157	117	78	213	160	106	337	253	168
	L/360	39	29	19	47	35	23	60	45	30	83	62	41	42	31	21	50	38	25	65	49	32	93	70	46	60	45	30	78	58	39	111	83	55
16	Strength	61	46	30	108	81	54	146	109	73	230	173	115	63	47	31	111	83	55	152	114	76	242	182	121	138	103	69	188	141	94	296	222	148
	L/360	32	24	16	38	29	19	49	37	24	69	51	34	35	26	17	41	31	20	53	40	26	77	57	38	49	37	24	64	48	32	91	68	45
17	Strength	54	40	27	95	71	47	129	97	64	204	153	102	56	42	28	98	74	49	134	101	67	214	161	107	122	91	61	166	124	83	262	197	131
	L/360	27	20	13	32	24	16	41	31	20	57	43	28	29	21	14	34	26	17	44	33	22	64	48	32	41	31	20	53	40	26	76	57	38
18	Strength	48	36	24	85	64	42	115	86	57	182	136	91	50	37	25	88	66	44	120	90	60	191	143	95	109	81	54	148	111	74	234	175	117
	L/360	22	17	11	27	20	13	34	26	17	48	36	24	24	18	12	29	22	14	37	28	18	54	40	27	34	26	17	45	34	22	64	48	32
19	Strength	43	32		76	57	38	103	77	51	163	122	81	45	33	22	79	59	39	108	81	54	172	129	86	97	73	48	133	99	66	210	157	105
	L/360	19	14		23	17	11	29	22	14	41	30	20	20	15	10	25	18	12	32	24	16	46	34	23	29	22	14	38	28	19	54	41	27
20	Strength	39	29		69	51		93	70	46	147	110	73	40	30		71	53	35	97	73	48	155	116	77	88	66	44	120	90	60	190	142	95
	L/360	16	12		19	14		25	19	12	35	26	17	17	13		21	16	10	27	20	13	39	29	19	25	19	12	33	24	16	47	35	23
21	Strength	35	26		62	47		85	63	42	134	100	67	36	27		64	48		88	66	44	140	105	70	80	60	40	109	81	54	172	129	86
	L/360	14	10		17	12		21	16	10	30	22	15	15	11		18	13		23	17	11	34	25	17	21	16	10	28	21	14	40	30	20
22	Strength	32			57	42		77	58		122	91	61	33	25		59	44		80	60	40	128	96	64	73	54		99	74	49	157	117	78
	L/360	12			14	11		19	14		26	19	13	13	10		16	12		20	15	10	29	22	14	19	14		24	18	12	35	26	17
23	Strength	29			52			70	53		111	83	55	30			54	40		73	55		117	88	58	66	50		90	68	45	143	107	71
	L/360	10			13			16	12		23	17	11	11			14	10		18	13		25	19	12	16	12		21	16	10	30	23	15
24	Strength				48			65	48		102	76	51	28			49			67	50		107	80	53	61	46		83	62		131	98	65
	L/360				11			14	11		20	15	10	10			12			15	11		22	17	11	14	11		19	14		27	20	13
25	Strength				44			60			94	70					45			62	46		99	74	49	56			77	57		121	91	60
	L/360				10			13			18	13					10			14	10		20	15	10	13			16	12		24	18	12
26	Strength							55			87	65								57			91	68		52			71	53		112	84	56
	L/360							11			16	12								12			17	13		11			15	11		21	16	10
27	Strength							51			81	60								53			85	63		48			66	49		104	78	
	L/360							10			14	10								11			16	12		10			13	10		19	14	
28	Strength										75									49			79	59					61			96	72	
	L/360										12									10			14	10					12			17	12	
29	Strength										70												73						57			90	67	
	L/360										11												12						10			15	11	
30	Strength										65												69									84	63	
	L/360										10												11									13	10	

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		800S162-33			800S162-43			800S162-54			800S162-68			800S162-97			800S200-33			800S200-43			800S200-54			800S200-68			800S200-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength	151*	113*	75*	276*	207*	138*	490*	367*	245*			335*				151*	113*	75*	317*	238*	158*		422*	281*			384*			
	L/360	286	214	143	381	286	190	474	355	237			300				342	256	171	451	338	225		419	279			346			
9	Strength	134*	100*	67*	218*	163*	109*	387*	290*	193*		398*	265*			423*	134*	100*	67*	251*	188*	125*	445*	333*	222*		455*	303*			481*
	L/360	201	150	100	268	201	134	333	249	166		316	210			290	240	180	120	317	237	158	393	294	196		365	243			335
10	Strength	121*	90*	60*	176*	132*	88*	314*	235*	157*	430*	322*	215*			343*	121*	90*	60*	203*	152*	101*	360*	270*	180*	492*	369*	246*			390*
	L/360	146	109	73	195	146	97	242	182	121	307	230	153			211	175	131	87	231	173	115	286	215	143	355	266	177			244
11	Strength	100*	75*	50*	146*	109*	73*	259*	194*	129*	355*	266*	177*		425	283	110*	82*	55*	168*	126*	84*	298*	223*	149*	406*	304*	203*		483*	322*
	L/360	110	82	55	146	110	73	182	136	91	231	173	115		238	159	131	98	65	173	130	86	215	161	107	266	200	133		275	183
12	Strength	84*	63*	42*	122	92	61	218*	163*	109*	298*	223*	149*	476	357	238	97*	73*	48*	141*	105*	70*	250*	187*	125*	341*	256*	170*		406	270
	L/360	84	63	42	113	84	56	140	105	70	177	133	88	245	183	122	101	76	50	133	100	66	165	124	82	205	154	102		212	141
13	Strength	72*	54*	36*	104	78	52	185*	139*	92*	254	190	127	406	304	203	83*	62*	41*	120*	90*	60*	213*	160*	106*	291*	218*	145*	461	346	230
	L/360	66	50	33	88	66	44	110	82	55	139	104	69	192	144	96	79	59	39	105	78	52	130	97	65	161	121	80	222	166	111
14	Strength	62	46	31	90	67	45	160	120	80	219	164	109	350	262	175	71*	53*	35*	103	77	51	184*	138*	92*	251*	188*	125*	397	298	198
	L/360	53	40	26	71	53	35	88	66	44	112	84	56	154	115	77	63	47	31	84	63	42	104	78	52	129	97	64	178	133	89
15	Strength	54	40	27	78	58	39	139	104	69	191	143	95	305	228	152	62*	46*	31*	90	67	45	160*	120*	80*	218	164	109	346	259	173
	L/360	43	32	21	57	43	28	71	53	35	91	68	45	125	94	62	51	38	25	68	51	34	84	63	42	105	78	52	144	108	72
16	Strength	47	35	23	69	51	34	122	91	61	167	125	83	268	201	134	54	41	27	79	59	39	140	105	70	192	144	96	304	228	152
	L/360	35	26	17	47	35	23	59	44	29	75	56	37	103	77	51	42	32	21	56	42	28	69	52	34	86	65	43	119	89	59
17	Strength	42	31	21	61	45	30	108	81	54	148	111	74	237	178	118	48	36	24	70	52	35	124	93	62	170	127	85	269	202	134
	L/360	29	22	14	39	29	19	49	37	24	62	46	31	86	64	43	35	26	17	47	35	23	58	43	29	72	54	36	99	74	49
18	Strength	37	28	18	54	40	27	96	72	48	132	99	66	211	158	105	43	32	21	62	47	31	111	83	55	151	113	75	240	180	120
	L/360	25	18	12	33	25	16	41	31	20	52	39	26	72	54	36	30	22	15	39	29	19	49	36	24	60	45	30	83	62	41
19	Strength	33	25	16	48	36	24	86	65	43	119	89	59	190	142	95	38	29	19	56	42	28	99	74	49	136	102	68	216	162	108
	L/360	21	16	10	28	21	14	35	26	17	44	33	22	61	46	30	25	19	12	33	25	16	41	31	20	51	38	25	71	53	35
20	Strength	30	22		44	33	22	78	58	39	107	80	53	171	128	85	35	26	17	50	38	25	90	67	45	123	92	61	195	146	97
	L/360	18	13		24	18	12	30	22	15	38	28	19	52	39	26	21	16	10	28	21	14	35	26	17	44	33	22	61	45	30
21	Strength	27	20		40	30	20	71	53	35	97	73	48	155	116	77	31	23		46	34	23	81	61	40	111	83	55	176	132	88
	L/360	15	11		21	15	10	26	19	13	33	24	16	45	34	22	18	14		24	18	12	30	23	15	38	28	19	52	39	26
22	Strength	25	18		36	27		64	48	32	88	66	44	141	106	70	29	21		42	31	21	74	55	37	101	76	50	161	120	80
	L/360	13	10		18	13		22	17	11	28	21	14	39	29	19	16	12		21	16	10	26	20	13	33	25	16	45	34	22
23	Strength	23			33	25		59	44		81	60	40	129	97	64	26	19		38	28		68	51	34	93	69	46	147	110	73
	L/360	12			16	12		19	14		25	18	12	34	26	17	14	10		19	14		23	17	11	29	21	14	40	30	20
24	Strength	21			30	23		54	40		74	55	37	119	89	59	24			35	26		62	46	31	85	64	42	135	101	67
	L/360	10			14	10		17	13		22	16	11	30	22	15	12			16	12		20	15	10	25	19	12	35	26	17
25	Strength				28			50	37		68	51		109	82	54	22			32	24		57	43		78	59	39	124	93	62
	L/360				12			15	11		19	14		27	20	13	11			14	11		18	13		22	17	11	31	23	15
26	Strength				26			46	34		63	47		101	76	50				30			53	40		72	54	36	115	86	57
	L/360				11			13	10		17	13		24	18	12				13			16	12		20	15	10	27	20	13
27	Strength							43			58	44		94	70	47				27			49	37		67	50		106	80	53
	L/360							12			15	11		21	16	10				11			14	10		18	13		24	18	12
28	Strength							40			54	41		87	65					25			46			62	47		99	74	49
	L/360							11			14	10		19	14					10			13			16	12		22	16	11
29	Strength										51			81	61								42			58	43		92	69	46
	L/360										12			17	13								11			14	10		20	15	10
30	Strength										47			76	57								40			54			86	64	
	L/360										11			15	11								10			13			18	13	

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		800S250-43			800S250-54			800S250-68			800S250-97			800S300-43			800S300-54			800S300-68			800S300-97			800S350-54			800S350-68			800S350-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength		250*	167*		442*	295*			404*					251*	167*		455*	303*			418*					333*							
	L/360		381	254		458	305			389					408	272		489	326			419					384							
9	Strength	264*	198*	132*	466*	349*	233*		479*	319*				271*	203*	135*	479*	359*	239*		495*	330*					445*	296*			406*			
	L/360	357	268	178	428	321	214		410	273				382	287	191	458	343	229		441	294					405	270			351			
10	Strength	213*	160*	106*	378*	283*	189*		388*	258*			416*	220*	165*	110*	388*	291*	194*		401*	267*			433*	480*	360*	240*		494*	329*			
	L/360	260	195	130	312	234	156		299	199			278	278	209	139	334	250	167		321	214			307	393	295	196		384	256			
11	Strength	176*	132*	88*	312*	234*	156*	428*	321*	214*			344*	181*	136*	90*	321*	240*	160*	442*	331*	221*			358*	397*	297*	198*		408*	272*			435*
	L/360	195	146	97	234	176	117	299	224	149			209	209	157	104	251	188	125	322	241	161			231	295	221	147		288	192			274
12	Strength	148*	111*	74*	262*	196*	131*	359*	269*	179*		434*	289*	152*	114*	76*	269*	202*	134*	371*	278*	185*		451*	300*	333*	250*	166*	457*	343*	228*			365*
	L/360	150	113	75	180	135	90	230	173	115		242	161	161	121	80	193	145	96	248	186	124		267	178	227	170	113	296	222	148			211
13	Strength	126*	94*	63*	223*	167*	111*	306*	229*	153*	493	369	246	130*	97*	65*	229*	172*	114*	316*	237*	158*		384*	256*	284*	213*	142*	389*	292*	194*		467*	311*
	L/360	118	89	59	142	106	71	181	136	90	253	190	126	126	95	63	152	114	76	195	146	97		210	140	179	134	89	233	174	116		249	166
14	Strength	109*	81	54	192*	144*	96*	264*	198*	132*	425	318	212	112*	84*	56*	198*	148*	99*	273*	204*	136*	442	331	221	245*	183*	122*	336*	252*	168*		403*	268*
	L/360	95	71	47	113	85	56	145	108	72	203	152	101	101	76	50	121	91	60	156	117	78	224	168	112	143	107	71	186	140	93		199	133
15	Strength	95	71	47	168*	126*	84*	230	172	115	370	277	185	97	73	48	172*	129*	86*	237*	178*	118*	385	288	192	213*	160*	106*	292*	219*	146*	468*	351*	234*
	L/360	77	57	38	92	69	46	118	88	59	165	123	82	82	61	41	99	74	49	127	95	63	182	136	91	116	87	58	151	113	75	216	162	108
16	Strength	83	62	41	147*	110*	73*	202	151	101	325	244	162	85	64	42	151*	113*	75*	209	156	104	338	253	169	187*	140*	93*	257*	192*	128*	411*	308*	205*
	L/360	63	47	31	76	57	38	97	73	48	136	102	68	68	51	34	81	61	40	104	78	52	150	112	75	96	72	48	125	93	62	178	133	89
17	Strength	74	55	37	130	98	65	179	134	89	288	216	144	76	57	38	134	100	67	185	138	92	299	224	149	166*	124*	83*	227*	170*	113*	364	273	182
	L/360	53	39	26	63	47	31	81	60	40	113	85	56	56	42	28	68	51	34	87	65	43	125	94	62	80	60	40	104	78	52	148	111	74
18	Strength	66	49	33	116	87	58	159	119	79	257	192	128	67	50	33	119	89	59	165	123	82	267	200	133	148*	111*	74*	203*	152*	101*	325	243	162
	L/360	44	33	22	53	40	26	68	51	34	95	71	47	47	35	23	57	42	28	73	55	36	105	79	52	67	50	33	87	65	43	125	93	62
19	Strength	59	44	29	104	78	52	143	107	71	230	173	115	60	45	30	107	80	53	148	111	74	240	180	120	133*	99*	66*	182	136	91	291	218	145
	L/360	38	28	19	45	34	22	58	43	29	81	61	40	40	30	20	48	36	24	62	46	31	89	67	44	57	43	28	74	56	37	106	79	53
20	Strength	53	40	26	94	70	47	129	97	64	208	156	104	55	41	27	97	72	48	133	100	66	216	162	108	120*	90*	60*	164	123	82	263	197	131
	L/360	32	24	16	39	29	19	49	37	24	69	52	34	34	26	17	41	31	20	53	40	26	76	57	38	49	36	24	64	48	32	91	68	45
21	Strength	48	36	24	85	64	42	117	88	58	188	141	94	49	37	24	88	66	44	121	91	60	196	147	98	108	81	54	149	112	74	238	179	119
	L/360	28	21	14	33	25	16	43	32	21	60	45	30	30	22	15	36	27	18	46	34	23	66	49	33	42	31	21	55	41	27	78	59	39
22	Strength	44	33	22	78	58	39	107	80	53	172	129	86	45	34	22	80	60	40	110	82	55	179	134	89	99	74	49	136	102	68	217	163	108
	L/360	24	18	12	29	22	14	37	28	18	52	39	26	26	19	13	31	23	15	40	30	20	57	43	28	36	27	18	48	36	24	68	51	34
23	Strength	40	30	20	71	53	35	97	73	48	157	118	78	41	31	20	73	55	36	101	75	50	163	122	81	90	68	45	124	93	62	199	149	99
	L/360	21	16	10	25	19	12	32	24	16	45	34	22	22	17	11	27	20	13	35	26	17	50	37	25	32	24	16	42	31	21	60	45	30
24	Strength	37	27		65	49	32	89	67	44	144	108	72	38	28	19	67	50	33	92	69	46	150	112	75	83	62	41	114	85	57	182	137	91
	L/360	18	14		22	16	11	28	21	14	40	30	20	20	15	10	24	18	12	31	23	15	44	33	22	28	21	14	37	27	18	52	39	26
25	Strength	34	25		60	45	30	82	62	41	133	99	66	35	26		62	46	31	85	64	42	138	104	69	76	57	38	105	79	52	168	126	84
	L/360	16	12		20	15	10	25	19	12	35	26	17	17	13		21	16	10	27	20	13	39	29	19	25	18	12	32	24	16	46	35	23
26	Strength	31	23		55	41		76	57	38	123	92	61	32	24		57	43		79	59	39	128	96	64	71	53	35	97	73	48	155	116	77
	L/360	14	11		17	13		22	17	11	31	23	15	15	11		19	14		24	18	12	35	26	17	22	16	11	29	21	14	41	31	20
27	Strength	29			51	38		71	53	35	114	85	57	30	22		53	39		73	55	36	118	89	59	65	49	32	90	67	45	144	108	72
	L/360	13			15	11		20	15	10	28	21	14	14	10		16	12		21	16	10	31	23	15	20	15	10	26	19	13	37	27	18
28	Strength	27			48	36		66	49		106	79	53	28			49	37		68	51		110	82	55	61	45		84	63	42	134	100	67
	L/360	11			14	10		18	13		25	19	12	12			15	11		19	14		28	21	14	17	13		23	17	11	33	24	16
29	Strength	25			44			61	46		99	74	49	26			46	34		63	47		103	77	51	57	42		78	58	39	125	93	62
	L/360	10			12			16	12		22	17	11	11			13	10		17	13		25	18	12	16	12		21	15	10	29	22	14
30	Strength				42			57	43		92	69	46	24			43			59	44		96	72	48	53	40		73	54		117	87	58
	L/360				11			14	11		20	15	10	10			12			15	11		22	17	11	14	10		18	14		27	20	13

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		1000S162-54			1000S162-68			1000S162-97			1000S200-54			1000S200-68			1000S200-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
10	Strength	388*	291*	194*		404*	269*			440*	424*	318*	212*		467*	311*			
	L/360	406	304	203		389	259			370	464	348	232		444	296			
11	Strength	320*	240*	160*	445*	334*	222*			363*	373*	279*	186*		386*	257*			415*
	L/360	305	228	152	390	292	195			278	349	261	174		334	222			316
12	Strength	269*	202*	134*	374*	280*	187*		458*	305*	313*	235*	156*	432*	324*	216*			349*
	L/360	234	176	117	300	225	150		321	214	268	201	134	343	257	171			244
13	Strength	229*	172*	114*	319*	239*	159*		390*	260*	267*	200*	133*	368*	276*	184*		446*	297*
	L/360	184	138	92	236	177	118		252	168	211	158	105	269	202	134		287	191
14	Strength	197*	148*	98*	275*	206*	137*	448	336	224	230*	172*	115*	318*	238*	159*		385*	256*
	L/360	147	110	73	189	142	94	269	202	134	169	126	84	216	162	108		230	153
15	Strength	172*	129*	86*	239*	179*	119*	391	293	195	200*	150*	100*	277*	207*	138*	447*	335*	223*
	L/360	120	90	60	154	115	77	219	164	109	137	103	68	175	131	87	249	187	124
16	Strength	151*	113*	75*	210*	158*	105*	343	257	171	176*	132*	88*	243*	182*	121*	393	294	196
	L/360	99	74	49	126	95	63	180	135	90	113	85	56	144	108	72	205	154	102
17	Strength	134*	100*	67*	186	139	93	304	228	152	156*	117*	78*	215*	161*	107*	348	261	174
	L/360	82	61	41	105	79	52	150	112	75	94	70	47	120	90	60	171	128	85
18	Strength	119	89	59	166	124	83	271	203	135	139*	104*	69*	192*	144*	96*	310	233	155
	L/360	69	52	34	89	66	44	126	95	63	79	59	39	101	76	50	144	108	72
19	Strength	107	80	53	149	112	74	243	182	121	125*	93*	62*	172	129	86	278	209	139
	L/360	59	44	29	75	56	37	107	80	53	67	50	33	86	64	43	122	92	61
20	Strength	97	72	48	134	101	67	220	165	110	112*	84*	56*	155	116	77	251	188	125
	L/360	50	38	25	64	48	32	92	69	46	58	43	29	74	55	37	105	79	52
21	Strength	87	65	43	122	91	61	199	149	99	102	76	51	141	106	70	228	171	114
	L/360	43	32	21	56	42	28	79	59	39	50	37	25	64	48	32	91	68	45
22	Strength	80	60	40	111	83	55	181	136	90	93	69	46	128	96	64	207	155	103
	L/360	38	28	19	48	36	24	69	52	34	43	32	21	55	41	27	79	59	39
23	Strength	73	55	36	101	76	50	166	124	83	85	63	42	117	88	58	190	142	95
	L/360	33	25	16	42	32	21	60	45	30	38	28	19	48	36	24	69	51	34
24	Strength	67	50	33	93	70	46	152	114	76	78	58	39	108	81	54	174	131	87
	L/360	29	22	14	37	28	18	53	40	26	33	25	16	42	32	21	61	45	30
25	Strength	62	46	31	86	64	43	140	105	70	72	54	36	99	74	49	161	120	80
	L/360	25	19	12	33	24	16	47	35	23	29	22	14	37	28	18	53	40	26
26	Strength	57	43	28	79	59	39	130	97	65	66	50	33	92	69	46	148	111	74
	L/360	23	17	11	29	22	14	42	31	21	26	19	13	33	25	16	47	35	23
27	Strength	53	39	26	73	55	36	120	90	60	61	46	30	85	64	42	138	103	69
	L/360	20	15	10	26	19	13	37	28	18	23	17	11	30	22	15	42	32	21
28	Strength	49	37		68	51	34	112	84	56	57	43	28	79	59	39	128	96	64
	L/360	18	13		23	17	11	33	25	16	21	15	10	27	20	13	38	28	19
29	Strength	46	34		64	48	32	104	78	52	53	40		74	55	37	119	89	59
	L/360	16	12		21	15	10	30	22	15	19	14		24	18	12	34	25	17
30	Strength	43	32		59	44		97	73	48	50	37		69	51	34	111	83	55
	L/360	15	11		19	14		27	20	13	17	12		21	16	10	31	23	15
31	Strength	40	30		56	42		91	68	45	46	35		64	48		104	78	52
	L/360	13	10		17	13		24	18	12	15	11		19	14		28	21	14
32	Strength	37			52	39		85	64	42	44	33		60	45		98	73	49
	L/360	12			15	11		22	16	11	14	10		18	13		25	19	12

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		1000S250-54			1000S250-68			1000S250-97			1000S300-54			1000S300-68			1000S300-97			1000S350-54			1000S350-68			1000S350-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
10	Strength		318*	212*			329*					318*	212*			340*					318*	212*			420*			
	L/360		399	266			339					419	279			362					493	329			430			
11	Strength	385*	289*	192*		408*	272*			443*	385*	289*	192*		421*	280*			460*	385*	289*	192*			347*			
	L/360	399	299	199		382	254			357	420	315	210		408	272			391	494	370	247			323			
12	Strength	331*	248*	165*	457*	343*	228*			372*	340*	255*	170*	472*	354*	236*			386*	353*	265*	176*		437*	291*			472*
	L/360	307	230	153	392	294	196			275	323	242	161	420	315	210			301	380	285	190		373	249			355
13	Strength	282*	211*	141*	389*	292*	194*		476*	317*	290*	217*	145*	402*	301*	201*		494*	329*	326*	244*	163*	497*	372*	248*			402*
	L/360	242	181	121	308	231	154		325	216	254	190	127	330	247	165		355	237	299	224	149	391	293	195			279
14	Strength	243*	182*	121*	336*	252*	168*		410*	273*	250*	187*	125*	346*	260*	173*		426*	284*	303*	227*	151*	428*	321*	214*			346*
	L/360	193	145	96	247	185	123		260	173	203	152	101	264	198	132		284	189	239	179	119	313	235	156			223
15	Strength	211*	158*	105*	292*	219*	146*	477*	357*	238*	218*	163*	109*	302*	226*	151*	494*	371*	247*	270*	202*	135*	373*	280*	186*		453*	302*
	L/360	157	118	78	200	150	100	282	211	141	165	124	82	215	161	107	308	231	154	195	146	97	255	191	127		272	181
16	Strength	186*	139*	93*	257*	192*	128*	419*	314*	209*	191*	143*	95*	265*	199*	132*	434*	326*	217*	237*	178*	118*	328*	246*	164*		398*	265*
	L/360	129	97	64	165	124	82	232	174	116	136	102	68	177	132	88	254	190	127	160	120	80	210	157	105		224	149
17	Strength	164*	123*	82*	227*	170*	113*	371	278	185	169*	127*	84*	235*	176*	117*	385*	288*	192*	210*	157*	105*	290*	217*	145*	470*	352*	235*
	L/360	108	81	54	138	103	69	193	145	96	113	85	56	147	110	73	212	159	106	133	100	66	175	131	87	249	187	124
18	Strength	147*	110*	73*	203*	152*	101*	331	248	165	151*	113*	75*	209*	157*	104*	343	257	171	187*	140*	93*	259*	194*	129*	419*	314*	209*
	L/360	91	68	45	116	87	58	163	122	81	95	71	47	124	93	62	178	134	89	112	84	56	147	110	73	210	157	105
19	Strength	132*	99*	66*	182*	136*	91*	297	222	148	135*	101*	67*	188*	141*	94*	308	231	154	168*	126*	84*	232*	174*	116*	376*	282*	188*
	L/360	77	58	38	98	74	49	138	104	69	81	61	40	105	79	52	151	113	75	95	71	47	125	94	62	179	134	89
20	Strength	119*	89*	59*	164	123	82	268	201	134	122*	91*	61*	170*	127*	85*	278	208	139	152*	114*	76*	210*	157*	105*	340*	255*	170*
	L/360	66	49	33	84	63	42	119	89	59	69	52	34	90	68	45	130	97	65	82	61	41	107	80	53	153	115	76
21	Strength	108*	81*	54*	149	112	74	243	182	121	111*	83*	55*	154	115	77	252	189	126	138*	103*	69*	190*	142*	95*	308*	231*	154*
	L/360	57	43	28	73	54	36	102	77	51	60	45	30	78	58	39	112	84	56	71	53	35	92	69	46	132	99	66
22	Strength	98	73	49	136	102	68	221	166	110	101*	76*	50	140	105	70	230	172	115	125*	94*	62*	173*	130*	86*	280	210	140
	L/360	49	37	24	63	47	31	89	67	44	52	39	26	68	51	34	97	73	48	61	46	30	80	60	40	115	86	57
23	Strength	90	67	45	124	93	62	202	152	101	92	69	46	128	96	64	210	157	105	115*	86*	57*	158*	119*	79*	257	192	128
	L/360	43	32	21	55	41	27	78	58	39	45	34	22	59	44	29	85	64	42	54	40	27	70	53	35	100	75	50
24	Strength	82	62	41	114	85	57	186	139	93	85	63	42	118	88	59	193	144	96	105*	79*	52*	145*	109*	72*	236	177	118
	L/360	38	28	19	49	36	24	68	51	34	40	30	20	52	39	26	75	56	37	47	35	23	62	46	31	88	66	44
25	Strength	76	57	38	105	79	52	171	128	85	78	58	39	108	81	54	178	133	89	97*	73*	48*	134*	100	67*	217	163	108
	L/360	34	25	17	43	32	21	60	45	30	35	26	17	46	34	23	66	50	33	42	31	21	55	41	27	78	58	39
26	Strength	70	52	35	97	73	48	158	119	79	72	54	36	100	75	50	164	123	82	90*	67*	45*	124	93	62	201	150	100
	L/360	30	22	15	38	28	19	54	40	27	31	23	15	41	30	20	59	44	29	37	28	18	48	36	24	69	52	34
27	Strength	65	49	32	90	67	45	147	110	73	67	50	33	93	69	46	152	114	76	83*	62*	41*	115	86	57	186	139	93
	L/360	27	20	13	34	25	17	48	36	24	28	21	14	36	27	18	52	39	26	33	25	16	43	32	21	62	46	31
28	Strength	60	45	30	84	63	42	136	102	68	62	46	31	86	65	43	142	106	71	77	58	38	107	80	53	173	130	86
	L/360	24	18	12	30	23	15	43	32	21	25	19	12	33	24	16	47	35	23	29	22	14	39	29	19	55	41	27
29	Strength	56	42	28	78	58	39	127	95	63	58	43	29	80	60	40	132	99	66	72	54	36	99	74	49	161	121	80
	L/360	21	16	10	27	20	13	39	29	19	22	17	11	29	22	14	42	32	21	26	20	13	35	26	17	50	37	25
30	Strength	52	39		73	54	36	119	89	59	54	40	27	75	56	37	123	92	61	67	50	33	93	70	46	151	113	75
	L/360	19	14		25	18	12	35	26	17	20	15	10	26	20	13	38	28	19	24	18	12	31	23	15	45	34	22
31	Strength	49	37		68	51	34	111	83	55	51	38		70	53	35	115	86	57	63	47	31	87	65	43	141	106	70
	L/360	17	13		22	17	11	31	23	15	18	14		24	18	12	34	26	17	22	16	11	28	21	14	41	30	20
32	Strength	46	34		64	48	32	104	78	52	47	35		66	49	33	108	81	54	59	44	29	82	61	41	132	99	66
	L/360	16	12		20	15	10	29	21	14	17	12		22	16	11	31	23	15	20	15	10	26	19	13	37	28	18

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		1200S162-68			1200S162-97			1200S200-68			1200S200-97			1200S250-68			1200S250-97			1200S300-68			1200S300-97			1200S350-54			1200S350-68			1200S350-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
12	Strength	440*	330*	220*			368*		385*	256*			425*		413*	275*			453*		427*	284*			474*		219*	146*			294*			
	L/360	460	345	230			335		392	261			379		433	289			424		487	324			466		420	280			382			
13	Strength	375*	281*	187*		470*	313*	437*	328*	218*			362*	469*	352*	234*			386*		363*	242*			404*	270*	202*	135*		408*	272*			491*
	L/360	362	271	181		396	264	411	308	205			298	454	340	227			334		383	255			367	441	330	220		451	301			429
14	Strength	323*	242*	161*		405*	270*	377*	283*	188*		469*	312*	404*	303*	202*		500*	333*	418*	313*	209*			348*	251*	188*	125*		379*	252*			423*
	L/360	290	217	145		317	211	329	246	164		358	238	363	272	181		401	267	409	306	204			293	353	264	176		361	241			343
15	Strength	282*	211*	141*	471*	353*	235*	328*	246*	164*		408*	272*	352*	264*	176*		435*	290*	364*	273*	182*		455*	303*	234*	175*	117*	450*	337*	225*			368*
	L/360	235	176	117	343	257	171	267	200	133		291	194	295	221	147		326	217	332	249	166		358	238	287	215	143	391	293	195			279
16	Strength	247*	185*	123*	414*	310*	207*	289*	216*	144*	479*	359*	239*	309*	232*	154*		382*	255*	320*	240*	160*		400*	266*	219*	164*	109*	395*	296*	197*		486*	324*
	L/360	194	145	97	283	212	141	220	165	110	320	240	160	243	182	121		268	179	274	205	137		295	196	236	177	118	322	242	161		345	230
17	Strength	219*	164*	109*	366*	275*	183*	256*	192*	128*	424*	318*	212*	274*	205*	137*	452*	339*	226*	283*	212*	141*	472*	354*	236*	206*	155*	103*	350*	262*	175*		430*	287*
	L/360	162	121	81	236	177	118	183	137	91	266	200	133	203	152	101	298	224	149	228	171	114	328	246	164	197	147	98	269	201	134		288	192
18	Strength	195*	146*	97*	327	245	163	228*	171*	114*	378*	283*	189*	244*	183*	122*	403*	302*	201*	253*	189*	126*	421*	316*	210*	195*	146*	97*	312*	234*	156*		384*	256*
	L/360	136	102	68	199	149	99	154	116	77	224	168	112	171	128	85	251	188	125	192	144	96	276	207	138	166	124	83	226	170	113		242	161
19	Strength	175*	131*	87*	293	220	146	204*	153*	102*	339*	254*	169*	219*	164*	109*	361*	271*	180*	227*	170*	113*	378*	283*	189*	185*	138*	92*	280*	210*	140*	459*	344*	229*
	L/360	116	87	58	169	126	84	131	98	65	191	143	95	145	109	72	214	160	107	163	122	81	235	176	117	141	105	70	192	144	96	275	206	137
20	Strength	158	118	79	265	198	132	185*	138*	92*	306	229	153	198*	148*	99*	326*	244*	163*	205*	153*	102*	341*	256*	170*	175*	131*	87*	253*	189*	126*	415*	311*	207*
	L/360	99	74	49	145	108	72	112	84	56	163	122	81	124	93	62	183	137	91	140	105	70	201	151	100	121	90	60	165	124	82	235	176	117
21	Strength	143	107	71	240	180	120	167*	125*	83*	278	208	139	179*	134*	89*	296*	222*	148*	185*	139*	92*	309*	232*	154*	166*	124*	83*	229*	172*	114*	376*	282*	188*
	L/360	85	64	42	125	93	62	97	73	48	141	106	70	107	80	53	158	118	79	121	90	60	174	130	87	104	78	52	142	107	71	203	152	101
22	Strength	131	98	65	219	164	109	152*	114*	76*	253	190	126	163*	122*	81*	269	202	134	169*	127*	84*	282*	211*	141*	151*	113*	75*	209*	157*	104*	342*	257*	171*
	L/360	74	56	37	109	81	54	84	63	42	123	92	61	93	70	46	137	103	68	105	79	52	151	113	75	91	68	45	124	93	62	177	132	88
23	Strength	119	89	59	200	150	100	139	104	69	231	173	115	149*	112*	74*	247	185	123	155*	116*	77*	258	193	129	138*	103*	69*	191*	143*	95*	313*	235*	156*
	L/360	65	49	32	95	71	47	74	55	37	107	80	53	82	61	41	120	90	60	92	69	46	132	99	66	79	59	39	108	81	54	155	116	77
24	Strength	110	82	55	184	138	92	128	96	64	212	159	106	137*	103*	68*	226	170	113	142*	106*	71*	237	177	118	127*	95*	63*	175*	131*	87*	288*	216*	144*
	L/360	57	43	28	83	62	41	65	49	32	94	71	47	72	54	36	106	79	53	81	60	40	116	87	58	70	52	35	95	71	47	136	102	68
25	Strength	101	76	50	169	127	84	118	88	59	196	147	98	126	95	63	209	156	104	131*	98*	65*	218	164	109	117*	88*	58*	162*	121*	81*	265*	199*	132*
	L/360	50	38	25	74	55	37	57	43	28	83	62	41	63	47	31	93	70	46	71	53	35	103	77	51	62	46	31	84	63	42	120	90	60
26	Strength	93	70	46	156	117	78	109	82	54	181	136	90	117	88	58	193	144	96	121	90	60	202	151	101	108*	81*	54*	149*	112*	74*	245*	184*	122*
	L/360	45	33	22	66	49	33	51	38	25	74	55	37	56	42	28	83	62	41	63	47	31	91	68	45	55	41	27	75	56	37	107	80	53
27	Strength	87	65	43	145	109	72	101	76	50	168	126	84	108	81	54	179	134	89	112	84	56	187	140	93	100*	75*	50*	139*	104*	69*	227	170	113
	L/360	40	30	20	58	44	29	45	34	22	66	49	33	50	38	25	74	55	37	57	42	28	81	61	40	49	36	24	67	50	33	95	71	47
28	Strength	80	60	40	135	101	67	94	70	47	156	117	78	101	75	50	166	125	83	104	78	52	174	130	87	93*	70*	46*	129*	96*	64*	211	158	105
	L/360	36	27	18	52	39	26	41	30	20	59	44	29	45	34	22	66	50	33	51	38	25	73	55	36	44	33	22	60	45	30	85	64	42
29	Strength	75	56	37	126	94	63	87	65	43	145	109	72	94	70	47	155	116	77	97	73	48	162	121	81	87*	65*	43*	120*	90*	60*	197	148	98
	L/360	32	24	16	47	35	23	37	27	18	53	40	26	40	30	20	60	45	30	46	34	23	66	49	33	39	29	19	54	40	27	77	58	38
30	Strength	70	52	35	117	88	58	82	61	41	136	102	68	88	66	44	145	108	72	91	68	45	151	113	75	81*	61*	40*	112*	84*	56*	184	138	92
	L/360	29	22	14	42	32	21	33	25	16	48	36	24	36	27	18	54	40	27	41	31	20	59	44	29	35	26	17	48	36	24	69	52	34
31	Strength	66	49	33	110	82	55	77	57	38	127	95	63	82	61	41	135	101	67	85	63	42	142	106	71	76*	57*	38*	105*	79*	52	172	129	86
	L/360	26	20	13	38	29	19	30	22	15	44	33	22	33	25	16	49	36	24	37	28	18	54	40	27	32	24	16	44	33	22	63	47	31
32	Strength	61	46	30	103	77	51	72	54	36	119	89	59	77	58	38	127	95	63	80	60	40	133	100	66	71*	53*	35*	98	74	49	162	121	81
	L/360	24	18	12	35	26	17	27	20	13	40	30	20	30	22	15	44	33	22	34	25	17	49	36	24	29	22	14	40	30	20	57	43	28
33	Strength	58	43	29	97	73	48	67	50	33	112	84	56	72	54	36	119	89	59	75	56	37	125	94	62	67*	50*	33*	93	69	46	152	114	76
	L/360	22	16	11	32	24	16	25	18	12	36	27	18	27	20	13	40	30	20	31	23	15	44	33	22	26	20	13	36	27	18	52	39	26
34	Strength	54	41	27	91	68	45	64	48	32	106	79	53	68	51	34	113	84	56	70	53	35	118	88	59	63*	47*	31	87	65	43	143	107	71
	L/360	20	15	10	29	22	14	22	17	11	33	25	16	25	19	12	37	28	18	28	21	14	41	30	20	24	18	12	33	25	16	48	36	24
35	Strength	51	38		86	64	43	60	45	30	100	75	50	64	48	32	106	79	53	66	50	33	111	83	55	59	44	29	82	62	41	135	101	67
	L/360	18	13		27	20	13	21	15	10	30	22	15	23	17	11	34	25	17	26	19	13	37	28	18	22	16	11	30	23	15	44	33	22
36	Strength	48	36		81	61	40	57	42		94	70	47	61	45	30	100	75	50	63	47	31	105	79	52	56	42	28	78	58	39	128	96	64
	L/360	17	12		24	18	12	19	14		28	21	14	21	16	10	31	23	15	24	18	12	34	25	17	20	15	10	28	21	14	40	30	20
37	Strength	46	34		77	58	38	54	40		89	67	44	57	43		95	71	47	59	44	29	99	74	49	53	40		74	55	37	121	90	60
	L/360	15	11		22	17	11	17	13		25	19	12	19	14		28	21	14	22	16	11	31	23	15	19	14		26	19	13	37	27	18
38	Strength	43	32		73	55	36	51	38		84	63	42	54	41		90	67	45	56	42	28	94	70	47	50	38		70	52	35	114	86	57
	L/360	14	10		21	15	10	16	12		23	17	11	18	13		26	20	13	20	15	10	29	22	14	17	13		24	18	12	34	25	17

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		1400S162-68			1400S162-97			1400S200-68			1400S200-97			1400S250-68			1400S250-97			1400S300-68			1400S300-97			1400S350-54			1400S350-68			1400S350-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
14	Strength	363*	272*	181*		466*	311*	431*	323*	215*			362*		323*	215*			389*		323*	215*			408*		250*	166*			215*			500*
	L/360	415	311	207		460	306	469	351	234			344		387	258			383		409	272			414		454	303			341			496
15	Strength	317*	237*	158*		406*	271*	376*	282*	188*		473*	315*	402*	302*	201*			339*	402*	302*	201*			355*	311*	233*	155*		302*	201*			435*
	L/360	337	253	168		374	249	381	286	190		420	280	419	314	209			312	443	332	221			337	493	369	246		415	277			403
16	Strength	278*	208*	139*	476*	357*	238*	330*	248*	165*		416*	277*	356*	267*	178*		447*	298*	372*	279*	186*		468*	312*	292*	219*	146*	377*	283*	188*			382*
	L/360	278	208	139	411	308	205	314	235	157		346	230	345	259	172		385	257	365	274	182		416	277	406	304	203	457	342	228			332
17	Strength	246*	185*	123*	422*	316*	211*	292*	219*	146*	491*	368*	245*	316*	237*	158*		396*	264*	329*	247*	164*		415*	276*	274*	206*	137*	355*	266*	177*			339*
	L/360	231	173	115	342	257	171	261	196	130	385	288	192	288	216	144		321	214	304	228	152		347	231	338	254	169	381	285	190			277
18	Strength	220*	165*	110*	376*	282*	188*	261*	195*	130*	438*	328*	219*	281*	211*	140*	471*	353*	235*	294*	220*	147*	493*	370*	246*	259*	194*	129*	335*	251*	167*		453*	302*
	L/360	195	146	97	288	216	144	220	165	110	324	243	162	242	182	121	361	270	180	256	192	128	390	292	195	285	214	142	320	240	160		350	233
19	Strength	197*	148*	98*	337*	253*	168*	234*	175*	117*	393*	295*	196*	253*	189*	126*	422*	317*	211*	264*	198*	132*	443*	332*	221*	236*	177*	118*	317*	238*	158*		407*	271*
	L/360	166	124	83	245	184	122	187	140	93	275	206	137	206	154	103	307	230	153	218	163	109	332	249	166	242	181	121	272	204	136		298	198
20	Strength	178*	133*	89*	305*	228*	152*	211*	158*	105*	355*	266*	177*	228*	171*	114*	381*	286*	190*	238*	178*	119*	400*	300*	200*	213*	159*	106*	296*	222*	148*	490*	367*	245*
	L/360	142	106	71	210	157	105	160	120	80	236	177	118	177	132	88	263	197	131	187	140	93	284	213	142	208	156	104	233	175	116	340	255	170
21	Strength	161*	121*	80*	276	207	138	191*	143*	95*	321*	241*	160*	207*	155*	103*	346*	259*	173*	216*	162*	108*	362*	272*	181*	193*	145*	96*	269*	201*	134*	444*	333*	222*
	L/360	123	92	61	181	136	90	138	104	69	204	153	102	152	114	76	227	170	113	161	121	80	245	184	122	179	134	89	202	151	101	294	220	147
22	Strength	147*	110*	73*	252	189	126	174*	131*	87*	293*	220*	146*	188*	141*	94*	315*	236*	157*	196*	147*	98*	330*	247*	165*	176*	132*	88*	245*	183*	122*	404*	303*	202*
	L/360	107	80	53	158	118	79	120	90	60	177	133	88	133	99	66	197	148	98	140	105	70	213	160	106	156	117	78	175	131	87	256	192	128
23	Strength	134	101	67	230	172	115	160*	120*	80*	268*	201*	134*	172*	129*	86*	288*	216*	144*	180*	135*	90*	302*	226*	151*	161*	120*	80*	224*	168*	112*	370*	277*	185*
	L/360	93	70	46	138	103	69	105	79	52	155	116	77	116	87	58	173	129	86	123	92	61	187	140	93	136	102	68	153	115	76	224	168	112
24	Strength	123	92	61	211	158	105	146*	110*	73*	246	184	123	158*	118*	79*	265*	198*	132*	165*	124*	82*	277*	208*	138*	148*	111*	74*	206*	154*	103*	340*	255*	170*
	L/360	82	61	41	121	91	60	93	69	46	136	102	68	102	76	51	152	114	76	108	81	54	164	123	82	120	90	60	135	101	67	197	147	98
25	Strength	114	85	57	195	146	97	135*	101*	67*	227	170	113	146*	109*	73*	244*	183*	122*	152*	114*	76*	256*	192*	128*	136*	102*	68*	189*	142*	94*	313*	235*	156*
	L/360	72	54	36	107	80	53	82	61	41	121	90	60	90	67	45	134	101	67	95	71	47	145	109	72	106	79	53	119	89	59	174	130	87
26	Strength	105	79	52	180	135	90	125*	93*	62*	210	157	105	135*	101*	67*	225	169	112	141*	105*	70*	236*	177*	118*	126*	94*	63*	175*	131*	87*	289*	217*	144*
	L/360	64	48	32	95	71	47	73	54	36	107	80	53	80	60	40	119	89	59	85	63	42	129	97	64	94	71	47	106	79	53	155	116	77
27	Strength	97	73	48	167	125	83	116	87	58	194	146	97	125*	93*	62*	209	157	104	130*	98*	65*	219	164	109	117*	87*	58*	162*	122*	81*	268*	201*	134*
	L/360	57	43	28	85	64	42	65	49	32	96	72	48	71	53	35	107	80	53	76	57	38	115	86	57	84	63	42	95	71	47	138	103	69
28	Strength	90	68	45	155	116	77	107	80	53	181	135	90	116*	87*	58*	194	146	97	121*	91*	60*	204	153	102	108*	81*	54*	151*	113*	75*	250*	187*	125*
	L/360	51	38	25	76	57	38	58	43	29	86	64	43	64	48	32	95	71	47	68	51	34	103	77	51	75	56	37	85	63	42	124	93	62
29	Strength	84	63	42	145	108	72	100	75	50	168	126	84	108	81	54	181	136	90	113*	85*	56*	190	142	95	101*	76*	50*	141*	105*	70*	233*	174*	116*
	L/360	46	35	23	69	51	34	52	39	26	77	58	38	58	43	29	86	64	43	61	46	30	93	70	46	68	51	34	76	57	38	111	83	55
30	Strength	79	59	39	135	101	67	94	70	47	157	118	78	101	76	50	169	127	84	105	79*	52	177	133	88	94*	71*	47*	131*	98*	65*	217*	163*	108*
	L/360	42	31	21	62	46	31	47	35	23	70	52	35	52	39	26	78	58	39	55	41	27	84	63	42	61	46	30	69	51	34	100	75	50
31	Strength	74	55	37	126	95	63	88	66	44	147	110	73	95	71	47	158	119	79	99	74	49	166	124	83	88*	66*	44*	123*	92*	61*	203*	152*	101*
	L/360	38	28	19	56	42	28	43	32	21	63	47	31	47	35	23	70	53	35	50	37	25	76	57	38	55	41	27	62	47	31	91	68	45
32	Strength	69	52	34	119	89	59	82	62	41	138	104	69	89	66	44	149	111	74	93	69	46	156	117	78	83	62	41	115*	86*	57*	191*	143*	95*
	L/360	34	26	17	51	38	25	39	29	19	57	43	28	43	32	21	64	48	32	45	34	22	69	52	34	50	38	25	57	42	28	83	62	41
33	Strength	65	49	32	112	84	56	77	58	38	130	97	65	83	62	41	140	105	70	87	65	43	146	110	73	78	58	39	108*	81*	54*	179	134	89
	L/360	31	23	15	46	35	23	35	26	17	52	39	26	39	29	19	58	43	29	41	31	20	63	47	31	46	34	23	52	39	26	75	56	37
34	Strength	61	46	30	105	79	52	73	54	36	122	92	61	79	59	39	132	99	66	82	61	41	138	103	69	73	55	36	102*	76*	51*	169	127	84
	L/360	28	21	14	42	32	21	32	24	16	48	36	24	36	27	18	53	40	26	38	28	19	57	43	28	42	31	21	47	35	23	69	52	34
35	Strength	58	43	29	99	74	49	69	51	34	115	86	57	74	55	37	124	93	62	77	58	38	130	97	65	69	52	34	96*	72*	48*	160	120	80
	L/360	26	19	13	39	29	19	30	22	15	44	33	22	33	24	16	49	36	24	34	26	17	53	39	26	38	29	19	43	32	21	63	47	31
36	Strength	55	41	27	94	70	47	65	48	32	109	82	54	70	52	35	117	88	58	73	55	36	123	92	61	65	49	32	91*	68*	45*	151	113	75
	L/360	24	18	12	36	27	18	27	20	13	40	30	20	30	22	15	45	33	22	32	24	16	48	36	24	35	26	17	40	30	20	58	43	29
37	Strength	52	39	26	89	66	44	61	46	30	103	77	51	66	50	33	111	83	55	69	52	34	116	87	58	62	46	31	86*	65*	43*	143	107	71
	L/360	22	16	11	33	24	16	25	19	12	37	28	18	27	20	13	41	31	20	29	22	14	44	33	22	32	24	16	36	27	18	53	40	26
38	Strength	49	37	24	84	63	42	58	43	29	98	73	49	63	47	31	105	79	52	66	49	33	110	83	55	59	44	29	82	61	41	135	101	67
	L/360	20	15	10	30	23	15	23	17	11	34	25	17	25	19	12	38	28	19	27	20	13	41	31	20	30	22	15	34	25	17	49	37	24
39	Strength	46	35		80	60	40	55	41	27	93	70	46	60	45	30	100	75	50	62	47	31	105	78	52	56	42	28	78	58	39	128	96	64
	L/360	19	14		28	21	14	21	16	10	31	23	15	23	17	11	35	26	17	25	18	12	38	28	19	28	21	14	31	23	15	45	34	22
40	Strength	44	33		76	57	38	52	39	26	88	66	44	57	42	28	95	71	47	59	44	29	100	75	50	53	39	26	74	55	37	122	91	61
	L/360	17	13		26	19	13	20	15	10	29	22	14	22	16	11	32	24	16							26	19	13	29	21	14	42	31	21

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Factored Loads (psf) with $k_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

Section		1600S162-68			1600S162-97			1600S200-68			1600S200-97			1600S250-68			1600S250-97			1600S300-68			1600S300-97			1600S350-68			1600S350-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
14	Strength		282*	188*			346*		282*	188*			406*			188*						188*					188*				
	L/360		424	282			422		477	318			472			349						367					438				
15	Strength	349*	262*	174*			302*		263*	175*			354*		263*	175*			385*		263*	175*			402*			175*				
	L/360	459	344	229			343		388	258			384		425	283			426		448	298			458			356				
16	Strength	307*	230*	153*		398*	265*	329*	246*	164*		466*	311*	329*	246*	164*			338*	329*	246*	164*			354*		246*	164*			437*	
	L/360	378	284	189		424	283	426	319	213		474	316	467	350	233			351	492	369	246			378		440	293			441	
17	Strength	272*	204*	136*	470*	352*	235*	309*	232*	154*		413*	275*	309*	232*	154*		449*	299*	309*	232*	154*		470*	313*	309*	232*	154*			387*	
	L/360	315	236	157	472	354	236	355	266	177		395	263	389	292	194		439	292	410	307	205		472	315	489	367	244			367	
18	Strength	242*	182*	121*	419*	314*	209*	288*	216*	144*	491*	368*	245*	292*	219*	146*		401*	267*	292*	219*	146*		419*	279*	292*	219*	146*			345*	
	L/360	266	199	133	397	298	198	299	224	149	444	333	222	328	246	164		369	246	345	259	172		398	265	412	309	206			309	
19	Strength	217*	163*	108*	376*	282*	188*	258*	193*	129*	441*	331*	220*	277*	207*	138*	480*	360*	240*	277*	207*	138*		376*	251*	277*	207*	138*		465*	310*	
	L/360	226	169	113	338	253	169	254	191	127	378	283	189	279	209	139	419	314	209	294	220	147		338	225	350	263	175		395	263	
20	Strength	196*	147*	98*	340*	255*	170*	233*	174*	116*	398*	298*	199*	255*	191*	127*	433*	325*	216*	263*	197*	131*	453*	340*	226*	263*	197*	131*		420*	280*	
	L/360	193	145	96	289	217	144	218	163	109	324	243	162	239	179	119	359	269	179	252	189	126	387	290	193	300	225	150		338	225	
21	Strength	178*	133*	89*	308*	231*	154*	211*	158*	105*	361*	270*	180*	231*	173*	115*	393*	294*	196*	243*	182*	121*	411*	308*	205*	250*	188*	125*		380*	253*	
	L/360	167	125	83	250	187	125	188	141	94	280	210	140	206	155	103	310	232	155	217	163	108	334	250	167	259	194	129		292	195	
22	Strength	162*	121*	81*	280*	210*	140*	192*	144*	96*	329*	246*	164*	210*	158*	105*	358*	268*	179*	221*	166*	110*	374*	280*	187*	239*	179*	119*	462*	347*	231*	
	L/360	145	109	72	217	163	108	164	123	82	243	182	121	179	134	89	270	202	135	189	142	94	290	218	145	225	169	112	339	254	169	
23	Strength	148*	111*	74*	257	192	128	176*	132*	88*	301*	225*	150*	192*	144*	96*	327*	245*	163*	202*	152*	101*	342*	257*	171*	229*	171*	114*	423*	317*	211*	
	L/360	127	95	63	190	143	95	143	107	71	213	159	106	157	118	78	236	177	118	165	124	82	254	190	127	197	148	98	296	222	148	
24	Strength	136*	102*	68*	236	177	118	162*	121*	81*	276*	207*	138*	177*	132*	88*	300*	225*	150*	186*	139*	93*	314*	236*	157*	219*	164*	109*	388*	291*	194*	
	L/360	112	84	56	167	125	83	126	94	63	187	140	93	138	103	69	208	156	104	145	109	72	224	168	112	174	130	87	261	196	130	
25	Strength	125*	94*	62*	217	163	108	149*	111*	74*	254*	191*	127*	163*	122*	81*	277*	208*	138*	171*	128*	85*	290*	217*	145*	210*	158*	105*	358*	268*	179*	
	L/360	99	74	49	148	111	74	111	83	55	166	124	83	122	91	61	184	138	92	129	96	64	198	148	99	153	115	76	231	173	115	
26	Strength	116	87	58	201	150	100	138*	103*	69*	235*	176*	117*	150*	113*	75*	256*	192*	128*	158*	119*	79*	268*	201*	134*	199*	149*	99*	331*	248*	165*	
	L/360	88	66	44	131	98	65	99	74	49	147	110	73	109	81	54	163	122	81	114	86	57	176	132	88	136	102	68	205	154	102	
27	Strength	107	80	53	186	139	93	128*	96*	64*	218	163	109	139*	104*	69*	237*	178*	118*	147*	110*	73*	248*	186*	124*	184*	138*	92*	307*	230*	153*	
	L/360	78	59	39	117	88	58	88	66	44	131	98	65	97	73	48	146	109	73	102	76	51	157	118	78	122	91	61	183	137	91	
28	Strength	100	75	50	173	130	86	119*	89*	59*	203	152	101	130*	97*	65*	221*	165*	110*	136*	102*	68*	231*	173*	115*	171*	128*	85*	285*	214*	142*	
	L/360	70	53	35	105	79	52	79	59	39	118	88	59	87	65	43	131	98	65	91	68	45	141	105	70	109	82	54	164	123	82	
29	Strength	93	70	46	161	121	80	110*	83*	55*	189	142	94	121*	90*	60*	206*	154*	103*	127*	95*	63*	215*	161*	107*	160*	120*	80*	266*	199*	133*	
	L/360	63	47	31	95	71	47	71	53	35	106	79	53	78	58	39	117	88	58	82	62	41	126	95	63	98	73	49	148	111	74	
30	Strength	87	65	43	151	113	75	103*	77*	51	177	132	88	113*	85*	56*	192	144	96	119*	89*	59*	201*	151*	100*	149*	112*	74*	248*	186*	124*	
	L/360	57	43	28	85	64	42	64	48	32	96	72	48	70	53	35	106	79	53	74	56	37	114	86	57	89	66	44	133	100	66	
31	Strength	81	61	40	141	106	70	97	72	48	165	124	82	106*	79*	53*	180	135	90	111*	83*	55*	188	141	94	140*	105*	70*	233*	174*	116*	
	L/360	52	39	26	77	58	38	58	43	29	87	65	43	64	48	32	96	72	48	67	50	33	103	77	51	80	60	40	121	90	60	
32	Strength	76	57	38	132	99	66	91	68	45	155	116	77	99*	74*	49*	169	126	84	104*	78*	52*	177	132	88	131*	98*	65*	218*	164*	109*	
	L/360	47	35	23	70	53	35	53	39	26	79	59	39	58	43	29	87	65	43	61	46	30	94	70	47	73	55	36	110	82	55	
33	Strength	72	54	36	124	93	62	85	64	42	146	109	73	93	70*	46	159	119	79	98*	73*	49*	166	124	83	123*	92*	61*	205*	154*	102*	
	L/360	43	32	21	64	48	32	48	36	24	72	54	36	53	39	26	80	60	40	56	42	28	86	64	43	66	50	33	100	75	50	
34	Strength	68	51	34	117	88	58	80	60	40	137	103	68	88	66	44	149	112	74	92*	69*	46*	156	117	78	116*	87*	58*	193*	145*	96*	
	L/360	39	29	19	59	44	29	44	33	22	65	49	32	48	36	24	73	54	36	51	38	25	78	59	39	61	45	30	91	68	45	
35	Strength	64	48	32	111	83	55	76	57	38	130	97	65	83	62	41	141	106	70	87	65	43	148	111	74	109*	82*	54*	182*	137*	91*	
	L/360	36	27	18	54	40	27	40	30	20	60	45	30	44	33	22	67	50	33	47	35	23	72	54	36	56	42	28	84	63	42	
36	Strength	60	45	30	104	78	52	72	54	36	122	92	61	78	59	39	133	100	66	82	62	41	139	104	69	103*	77*	51*	172*	129*	86*	
	L/360	33	24	16	49	37	24	37	28	18	55	41	27	41	30	20	61	46	30	43	32	21	66	49	33	51	38	25	77	58	38	
37	Strength	57	43	28	99	74	49	68	51	34	116	87	58	74	55	37	126	94	63	78	58	39	132	99	66	98*	73*	49*	163*	122*	81*	
	L/360	30	22	15	45	34	22	34	25	17	51	38	25	37	28	18	56	42	28	39	29	19	61	45	30	47	35	23	71	53	35	
38	Strength	54	40	27	94	70	47	64	48	32	110	82	55	70	52	35	120	90	60	74	55	37	125	94	62	93*	69*	46*	155	116	77	
	L/360	28	21	14	42	31	21	31	23	15	47	35	23	34	26	17	52	39	26	36	27	18	56	42	28	43	32	21	65	49	32	
39	Strength	51	38	25	89	67	44	61	46	30	104	78	52	67	50	33	113	85	56	70	52	35	119	89	59	88*	66*	44*	147	110	73	
	L/360	26	19	13	39	29	19	29	22	14	43	32	21	32	24	16	48	36	24	34	25	17	52	39	26	40	30	20	60	45	30	
40	Strength	49	36	24	85	63	42	58	43	29	99	74	49	63	47	31	108	81	54	67	50	33	113	85	56	84*	63*	42*	140	105	70	
	L/360	24	18	12	36	27	18	27	20	13	40	30	20	29	22	14	44	33	22	31	23	15	48	36	24	37	28	18	56	42	28	

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

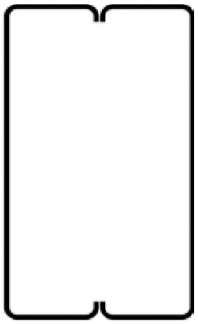
Deflection limit	Factor
L/480	360/480 = 0.75

Header Load Tables

Table Notes

1. Values are for unpunched members and are given in pounds per linear foot.
2. Headers are made from two "boxed" or back-to-back members.
3. Factored moment, shear and web crippling resistances are based on twice the resistance of a single member. The moment of inertia for deflection is based on twice the value of a single member.
4. Web crippling check is based on 1" of bearing at end supports.
5. Members are assumed to be adequately braced for bending.
6. Header loads are for simply supported members subjected to uniform bending loads only.

Back-to-Back Header



Boxed Header

UNIFORM DISTRIBUTED HEADER LOADS (PLF) - 600S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (ksi)	Span (ft)																
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
600S162-33	Strength	33	804e	643e	524e	385e	295e	233e	188e	156e	131e	111e	96e	83e	73e	65e	58e	52e	47e
	L/360		2412	1235	714	450	301	211	154	115	89	70	56	45	37	31	26	22	19
600S162-43	Strength	33	1691e	1082e	751e	552e	422e	334e	270e	223e	187e	160e	138e	120e	105e	93e	83e	74e	67
	L/360		3115	1595	923	581	389	273	199	149	115	90	72	59	48	40	34	29	24
600S162-54	Strength	50	3022e	1934e	1343e	986e	755e	596e	483e	399e	335e	286e	246e	214e	188	167	149	133	120
	L/360		3848	1970	1140	718	481	337	246	185	142	112	89	72	60	50	42	35	30
600S162-68	Strength	50	4086e	2615e	1816e	1334e	1021e	807e	653e	540e	454e	386e	333	290	255	226	201	181	163
	L/360		4742	2428	1405	884	592	416	303	228	175	138	110	89	74	61	52	44	37
600S162-97	Strength	50	7104e	4546e	3157e	2319e	1776e	1403e	1136e	939e	789e	672	579	505	444	393	350	314	284
	L/360		6454	3304	1912	1204	806	566	413	310	239	188	150	122	100	84	70	60	51
600S200-33	Strength	33	804e	643e	536e	438e	335e	265e	214e	177e	149e	127e	109e	95e	83e	74e	66e	59e	53e
	L/360		2746	1406	813	512	343	241	175	132	101	80	64	52	42	35	30	25	21
600S200-43	Strength	33	1784e	1228e	852e	626e	479e	379e	307e	253e	213e	181e	156e	136e	119e	106e	94e	85e	76e
	L/360		3609	1848	1069	673	451	316	231	173	133	105	84	68	56	47	39	33	28
600S200-54	Strength	50	3414e	2185e	1517e	1114e	853e	674e	546e	451e	379e	323e	278e	242e	213e	189e	168	151	136
	L/360		4466	2286	1323	833	558	392	285	214	165	130	104	84	69	58	49	41	35
600S200-68	Strength	50	4615e	2953e	2051e	1506e	1153e	911e	738e	610e	512e	436e	376e	328e	288	255	227	204	184
	L/360		5517	2824	1634	1029	689	484	353	265	204	160	128	104	86	71	60	51	44
600S200-97	Strength	50	8082e	5172e	3592e	2639e	2020e	1596e	1293e	1068e	898e	765e	659e	574	505	447	399	358	323
	L/360		7550	3866	2237	1408	943	662	483	363	279	219	176	143	117	98	82	70	60
600S250-33	Strength	33	804e	643e	536e	458e	351e	277e	224e	185e	156e	132e	114e	99e	87e	77e	69e	62e	56e
	L/360		3038	1555	900	566	379	266	194	146	112	88	70	57	47	39	33	28	24
600S250-43	Strength	33	1784e	1293e	898e	659e	505e	399e	323e	267e	224e	191e	164e	143e	126e	111e	99e	89e	80e
	L/360		4113	2106	1218	767	514	361	263	197	152	119	95	78	64	53	45	38	32
600S250-54	Strength	50	3559e	2290e	1590e	1168e	894e	706e	572e	473e	397e	338e	292e	254e	223e	198e	176e	158	143
	L/360		4913	2515	1455	916	614	431	314	236	181	143	114	93	76	64	53	45	39
600S250-68	Strength	50	4872e	3118e	2165e	1590e	1218e	962e	779e	644e	541e	461e	397e	346e	304e	269	240	215	194
	L/360		6271	3211	1858	1170	783	550	401	301	232	182	146	118	97	81	68	58	50
600S250-97	Strength	50	7684e	4918e	3415e	2509e	1921e	1517e	1229e	1016e	853e	727e	627	546	480	425	379	340	307
	L/360		8740	4475	2589	1630	1092	767	559	420	323	254	203	165	136	113	95	81	69
600S300-33	Strength	33	804e	643e	536e	459e	361e	285e	231e	191e	160e	136e	118e	102e	90e	80e	71e	64e	57e
	L/360		3285	1682	973	613	410	288	210	157	121	95	76	62	51	42	36	30	26
600S300-43	Strength	33	1784e	1338e	929e	682e	522e	413e	334e	276e	232e	197e	170e	148e	130e	115e	103e	92e	83e
	L/360		4429	2267	1312	826	553	388	283	212	164	129	103	83	69	57	48	41	35
600S300-54	Strength	50	3559e	2362e	1640e	1205e	922e	729e	590e	488e	410e	349e	301e	262e	230e	204e	182e	163	147
	L/360		5288	2707	1567	986	661	464	338	254	195	154	123	100	82	68	58	49	42
600S300-68	Strength	50	5052e	3233e	2245e	1649e	1263e	997e	808e	668e	561e	478e	412e	359e	315e	279	249	223	202
	L/360		6795	3479	2013	1267	849	596	434	326	251	197	158	128	106	88	74	63	54
600S300-97	Strength	50	8068e	5163e	3585e	2634e	2017e	1593e	1290e	1066e	896e	763e	658e	573	504	446	398	357	322
	L/360		9749	4991	2888	1819	1218	855	623	468	361	284	227	184	152	126	106	90	77
600S350-54	Strength	50	3559e	2847e	2024e	1487e	1138e	899e	728e	602e	506e	431e	371e	323e	284e	252e	224e	201e	182e
	L/360		6257	3203	1854	1167	782	549	400	300	231	182	145	118	97	81	68	58	50
600S350-68	Strength	50	6194e	3964e	2753e	2022e	1548e	1223e	991e	819e	688e	586e	505e	440e	387e	342e	305e	274e	247e
	L/360		8158	4177	2417	1522	1019	716	522	392	302	237	190	154	127	106	89	76	65
600S350-97	Strength	50	9675e	6192e	4300e	3159e	2418e	1911e	1548e	1279e	1075e	915e	789e	688e	604e	535	477	428	387
	L/360		11613	5946	3441	2166	1451	1019	743	558	430	338	270	220	181	151	127	108	92

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (PLF) - 800S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (ksi)	Span (ft)																
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
800S125-33	Strength	33	597e	478e	398e	334e	256e	202e	163e	135e	113e	96e	83e	72e	64e	56e	50e	45e	40e
	L/360		3503	1793	1037	653	437	307	224	168	129	102	81	66	54	45	38	32	28
800S125-43	Strength	33	1325e	1002e	696e	511e	391e	309e	250e	207e	174e	148e	127e	111e	97e	86e	77e	69e	62
	L/360		4745	2429	1406	885	593	416	303	228	175	138	110	89	74	61	52	44	37
800S125-54	Strength	50	2636e	1850e	1285e	944e	722e	571e	462e	382e	321e	273e	236e	205e	180	160	142	128	115
	L/360		5888	3014	1744	1098	736	516	376	283	218	171	137	111	92	76	64	54	47
800S162-33	Strength	33	597e	478e	398e	341e	298e	265e	239e	207e	174e	148e	128e	111e	98e	87e	77e	69e	62e
	L/360		4517	2313	1338	842	564	396	289	217	167	131	105	85	70	58	49	42	36
800S162-43	Strength	33	1325e	1060e	883e	746e	571e	451e	365e	302e	253e	216e	186e	162e	142e	126e	112e	101e	91e
	L/360		6026	3085	1785	1124	753	529	385	289	223	175	140	114	94	78	66	56	48
800S162-54	Strength	50	2636e	2109e	1757e	1336e	1022e	808e	654e	541e	454e	387e	334e	290e	255e	226e	202e	181e	163e
	L/360		7485	3832	2218	1396	935	657	479	359	277	218	174	141	116	97	82	69	59
800S162-68	Strength	50	5321e	3601e	2501e	1837e	1406e	1111e	900e	744e	625e	532e	459e	400e	351e	311e	277e	249e	225
	L/360		9481	4854	2809	1769	1185	832	606	455	351	276	221	179	148	123	104	88	75
800S162-97	Strength	50	8984e	5749e	3992e	2933e	2246e	1774e	1437e	1187e	998e	850e	733e	638e	561e	497	443	398	359
	L/360		13068	6691	3872	2438	1633	1147	836	628	484	380	304	247	204	170	143	121	104
800S200-33	Strength	33	597e	478e	398e	341e	298e	265e	239e	217e	199e	171e	147e	128e	113e	100e	89e	80e	72e
	L/360		5391	2760	1597	1005	673	473	345	259	199	157	125	102	84	70	59	50	43
800S200-43	Strength	33	1325e	1060e	883e	757e	654e	516e	418e	345e	290e	247e	213e	186e	163e	144e	129e	115e	104e
	L/360		7133	3652	2113	1331	891	626	456	343	264	207	166	135	111	92	78	66	57
800S200-54	Strength	50	2636e	2109e	1757e	1506e	1164e	920e	745e	616e	517e	441e	380e	331e	291e	257e	230e	206e	186e
	L/360		8843	4527	2620	1650	1105	776	565	425	327	257	206	167	138	115	97	82	70
800S200-68	Strength	50	5321e	4080e	2833e	2081e	1593e	1259e	1020e	843e	708e	603e	520e	453e	398e	352e	314e	282e	255e
	L/360		10952	5607	3245	2043	1369	961	700	526	405	319	255	207	171	142	120	102	87
800S200-97	Strength	50	10131e	6484e	4503e	3308e	2532e	2001e	1621e	1339e	1125e	959e	827e	720e	633e	560e	500e	449	405
	L/360		15073	7717	4466	2812	1884	1323	964	724	558	439	351	285	235	196	165	140	120
800S250-43	Strength	33	1325e	1060e	883e	757e	662e	543e	439e	363e	305e	260e	224e	195e	171e	152e	135e	121e	109e
	L/360		8032	4112	2379	1498	1004	705	514	386	297	233	187	152	125	104	88	74	64
800S250-54	Strength	50	2636e	2109e	1757e	1506e	1219e	963e	780e	644e	541e	461e	398e	346e	304e	270e	240e	216e	195e
	L/360		9622	4926	2851	1795	1202	844	615	462	356	280	224	182	150	125	105	89	76
800S250-68	Strength	50	5321e	4257e	2978e	2188e	1675e	1323e	1072e	886e	744e	634e	547e	476e	418e	371e	330e	297e	268e
	L/360		12285	6290	3640	2292	1535	1078	786	590	455	357	286	232	191	160	134	114	98
800S250-97	Strength	50	10770e	6893e	4787e	3517e	2692e	2127e	1723e	1424e	1196e	1019e	879e	765e	673e	596e	531e	477e	430
	L/360		17207	8810	5098	3210	2150	1510	1101	827	637	501	401	326	268	224	188	160	137
800S300-43	Strength	33	1325e	1060e	883e	757e	662e	559e	453e	374e	314e	268e	231e	201e	177e	156e	139e	125e	113e
	L/360		8591	4398	2545	1603	1073	754	549	413	318	250	200	162	134	111	94	80	68
800S300-54	Strength	50	2636e	2109e	1757e	1506e	1253e	990e	801e	662e	556e	474e	409e	356e	313e	277e	247e	222e	200e
	L/360		10295	5271	3050	1920	1286	903	658	495	381	299	240	195	160	134	112	96	82
800S300-68	Strength	50	5321e	4257e	3072e	2257e	1728e	1365e	1106e	914e	768e	654e	564e	491e	432e	382e	341e	306e	276e
	L/360		13210	6763	3914	2464	1651	1159	845	635	489	384	308	250	206	172	144	123	105
800S300-97	Strength	50	11212e	7175e	4983e	3661e	2803e	2214e	1793e	1482e	1245e	1061e	915e	797e	700e	620e	553e	496e	448e
	L/360		18984	9720	5625	3542	2373	1666	1215	912	703	553	442	360	296	247	208	177	151
800S350-54	Strength	50	2636e	2109e	1757e	1506e	1318e	1171e	991e	819e	688e	586e	505e	440e	387e	343e	306e	274e	247e
	L/360		12126	6208	3593	2262	1515	1064	776	583	449	353	282	229	189	157	133	113	97
800S350-68	Strength	50	5321e	4257e	3547e	2769e	2120e	1675e	1356e	1121e	942e	802e	692e	603e	530e	469e	418e	375e	339e
	L/360		15787	8083	4677	2945	1973	1386	1010	759	584	459	368	299	246	205	173	147	126
800S350-97	Strength	50	13553e	8674e	6023e	4425e	3388e	2677e	2168e	1792e	1505e	1283e	1106e	963e	847e	750e	669e	600e	542e
	L/360		22519	11530	6672	4201	2814	1977	1441	1082	834	656	525	427	351	293	247	210	180

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (PLF) - 1000S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (ksi)	Span (ft)																
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1000S162-43	Strength	33	1053e	843e	702e	602e	526e	468e	421e	370e	311e	265e	228e	199e	175e	155e	138e	124e	112e
	L/360		10052	5146	2978	1875	1256	882	643	483	372	292	234	190	157	130	110	93	80
1000S162-54	Strength	50	2093e	1675e	1395e	1196e	1046e	930e	805e	665e	559e	476e	410e	357e	314e	278e	248e	223e	201e
	L/360		12514	6407	3707	2335	1564	1098	800	601	463	364	291	237	195	163	137	116	100
1000S162-68	Strength	50	4217e	3374e	2811e	2295e	1757e	1388e	1124e	929e	780e	665e	573e	499e	439e	389e	347e	311e	281e
	L/360		16022	8203	4747	2989	2002	1406	1025	770	593	466	373	303	250	208	175	149	128
1000S162-97	Strength	50	11553e	7394e	5135e	3772e	2888e	2282e	1848e	1527e	1283e	1093e	943e	821e	722e	639e	570e	512e	462e
	L/360		22828	11687	6763	4259	2853	2004	1460	1097	845	664	532	432	356	297	250	213	182
1000S200-43	Strength	33	1053e	843e	702e	602e	526e	468e	421e	383e	351e	308e	266e	231e	203e	180e	160e	144e	130e
	L/360		11493	5884	3405	2144	1436	1008	735	552	425	334	268	217	179	149	126	107	91
1000S200-54	Strength	50	2093e	1675e	1395e	1196e	1046e	930e	837e	761e	645e	550e	474e	413e	363e	321e	286e	257e	232e
	L/360		14317	7330	4242	2671	1789	1256	916	688	530	417	333	271	223	186	157	133	114
1000S200-68	Strength	50	4217e	3374e	2811e	2410e	2010e	1588e	1286e	1063e	893e	761e	656e	571e	502e	445e	397e	356e	321e
	L/360		18276	9357	5415	3410	2284	1604	1169	878	676	532	426	346	285	238	200	170	146
1000S200-97	Strength	50	12436e	8365e	5809e	4268e	3267e	2581e	2091e	1728e	1452e	1237e	1067e	929e	816e	723e	645e	579e	522e
	L/360		26015	13320	7708	4854	3251	2283	1665	1250	963	757	606	493	406	338	285	242	208
1000S250-43	Strength	33	1053e	843e	702e	602e	526e	468e	421e	383e	351e	324e	281e	245e	215e	190e	170e	152e	137e
	L/360		13630	6978	4038	2543	1703	1196	872	655	504	397	317	258	212	177	149	127	109
1000S250-54	Strength	50	2093e	1675e	1395e	1196e	1046e	930e	837e	761e	680e	580e	500e	435e	382e	339e	302e	271e	245e
	L/360		16377	8385	4852	3055	2047	1437	1048	787	606	477	381	310	255	213	179	152	131
1000S250-68	Strength	50	4217e	3374e	2811e	2410e	2108e	1677e	1359e	1123e	943e	804e	693e	604e	530e	470e	419e	376e	339e
	L/360		20902	10702	6193	3900	2612	1835	1337	1005	774	608	487	396	326	272	229	195	167
1000S250-97	Strength	50	12436e	8883e	6169e	4532e	3470e	2741e	2220e	1835e	1542e	1314e	1133e	987e	867e	768e	685e	615e	555e
	L/360		29367	15036	8701	5479	3670	2578	1879	1412	1087	855	684	556	458	382	322	274	234
1000S300-54	Strength	50	2093e	1675e	1395e	1196e	1046e	930e	837e	761e	697e	597e	515e	449e	394e	349e	311e	279e	252e
	L/360		17180	8796	5090	3205	2147	1508	1099	826	636	500	400	325	268	223	188	160	137
1000S300-68	Strength	50	4217e	3374e	2811e	2410e	2108e	1733e	1403e	1160e	974e	830e	716e	623e	548e	485e	433e	388e	350e
	L/360		22342	11439	6620	4168	2792	1961	1429	1074	827	650	521	423	349	291	245	208	178
1000S300-97	Strength	50	12436e	9229e	6409e	4709e	3605e	2848e	2307e	1906e	1602e	1365e	1177e	1025e	901e	798e	712e	639e	576e
	L/360		32128	16449	9519	5994	4016	2820	2056	1544	1189	935	749	609	502	418	352	299	257
1000S350-54	Strength	50	2093e	1675e	1395e	1196e	1046e	930e	837e	761e	697e	644e	598e	557e	490e	434e	387e	347e	313e
	L/360		20239	10362	5996	3776	2529	1776	1295	973	749	589	472	383	316	263	222	188	161
1000S350-68	Strength	50	4217e	3374e	2811e	2410e	2108e	1874e	1687e	1427e	1199e	1021e	880e	767e	674e	597e	532e	478e	431e
	L/360		26521	13579	7858	4948	3315	2328	1697	1275	982	772	618	502	414	345	291	247	212
1000S350-97	Strength	50	12436e	9948e	7744e	5689e	4356e	3442e	2788e	2304e	1936e	1649e	1422e	1239e	1089e	964e	860e	772e	697e
	L/360		37871	19390	11221	7066	4733	3324	2423	1821	1402	1103	883	718	591	493	415	353	302

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (PLF) - 1200S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (ksi)	Span (ft)																
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1200S162-54	Strength	50	1736e	1389e	1157e	992e	868e	771e	694e	631e	578e	534e	475e	414e	364e	322e	287e	258e	233e
	L/360		18999	9727	5629	3545	2374	1667	1215	913	703	553	443	360	296	247	208	177	151
1200S162-68	Strength	50	3493e	2794e	2328e	1996e	1746e	1552e	1319e	1090e	916e	780e	673e	586e	515e	456e	407e	365e	329e
	L/360		24535	12561	7269	4577	3066	2153	1570	1179	908	714	572	465	383	319	269	228	196
1200S162-97	Strength	50	10271e	8217e	6172e	4535e	3472e	2743e	2222e	1836e	1543e	1314e	1133e	987e	868e	768e	685e	615e	555e
	L/360		35772	18315	10599	6674	4471	3140	2289	1720	1324	1042	834	678	558	465	392	333	286
1200S200-54	Strength	50	1736e	1389e	1157e	992e	868e	771e	694e	631e	578e	534e	496e	463e	426e	377e	336e	302e	272e
	L/360		21645	11082	6413	4038	2705	1900	1385	1040	801	630	504	410	338	281	237	201	173
1200S200-68	Strength	50	3493e	2794e	2328e	1996e	1746e	1552e	1397e	1262e	1060e	903e	779e	678e	596e	528e	471e	423e	381e
	L/360		27834	14251	8247	5193	3479	2443	1781	1338	1030	810	649	527	434	362	305	259	222
1200S200-97	Strength	50	10271e	8217e	6847e	5168e	3957e	3126e	2532e	2093e	1758e	1498e	1292e	1125e	989e	876e	781e	701e	633e
	L/360		40422	20696	11976	7542	5052	3548	2587	1943	1497	1177	942	766	631	526	443	377	323
1200S250-54	Strength	50	1736e	1389e	1157e	992e	868e	771e	694e	631e	578e	534e	496e	463e	434e	402e	359e	322e	291e
	L/360		23123	11839	6851	4314	2890	2030	1479	1111	856	673	539	438	361	301	253	215	184
1200S250-68	Strength	50	3493e	2794e	2328e	1996e	1746e	1552e	1397e	1270e	1130e	962e	830e	723e	635e	563e	502e	450e	406e
	L/360		30747	15742	9110	5737	3843	2699	1967	1478	1138	895	717	583	480	400	337	286	245
1200S250-97	Strength	50	10271e	8217e	6847e	5514e	4221e	3335e	2701e	2233e	1876e	1598e	1378e	1200e	1055e	934e	833e	748e	675e
	L/360		45269	23177	13413	8446	5658	3974	2897	2176	1676	1318	1055	858	707	589	496	422	362
1200S300-68	Strength	50	3493e	2794e	2328e	1996e	1746e	1552e	1397e	1270e	1164e	1000e	862e	751e	660e	585e	521e	468e	422e
	L/360		34576	17703	10244	6451	4322	3035	2212	1662	1280	1007	806	655	540	450	379	322	276
1200S300-97	Strength	50	10271e	8217e	6847e	5744e	4397e	3474e	2814e	2326e	1954e	1665e	1436e	1250e	1099e	973e	868e	779e	703e
	L/360		49728	25460	14734	9278	6216	4365	3182	2391	1841	1448	1159	942	777	647	545	464	397
1200S350-54	Strength	50	1736e	1389e	1157e	992e	868e	771e	694e	631e	578e	534e	496e	463e	434e	408e	385e	365e	347e
	L/360		29807	15261	8831	5561	3725	2616	1907	1433	1103	868	695	565	465	388	327	278	238
1200S350-68	Strength	50	3493e	2794e	2328e	1996e	1746e	1552e	1397e	1270e	1164e	1074e	998e	929e	816e	723e	645e	579e	522e
	L/360		40744	20861	12072	7602	5093	3576	2607	1959	1509	1186	950	772	636	530	447	380	325
1200S350-97	Strength	50	10271e	8217e	6847e	5869e	5135e	4207e	3408e	2816e	2366e	2016e	1738e	1514e	1331e	1179e	1051e	944e	852e
	L/360		58216	29806	17249	10862	7277	5110	3725	2799	2156	1695	1357	1103	909	758	638	543	465

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (PLF) - 1400S

Strength - Factored Loads **L/360 - Specified Loads**

Section	Design Criteria	F_y (ksi)	Span (ft)																
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1400S162-54	Strength	50	1483e	1186e	988e	847e	741e	659e	593e	539e	494e	456e	423e	395e	370e	349e	320e	287e	259e
	L/360		26993	13820	7998	5036	3374	2369	1727	1297	999	786	629	511	421	351	296	251	215
1400S162-68	Strength	50	2981e	2384e	1987e	1703e	1490e	1324e	1192e	1084e	993e	879e	758e	660e	580e	514e	459e	411e	371e
	L/360		35103	17972	10400	6549	4387	3081	2246	1687	1300	1022	818	665	548	457	385	327	280
1400S162-97	Strength	50	8748e	6999e	5832e	4999e	3990e	3153e	2554e	2110e	1773e	1511e	1303e	1135e	997e	883e	788e	707e	638e
	L/360		51894	26569	15376	9682	6486	4555	3321	2495	1922	1511	1210	984	810	676	569	484	415
1400S200-54	Strength	50	1483e	1186e	988e	847e	741e	659e	593e	539e	494e	456e	423e	395e	370e	349e	329e	312e	296e
	L/360		30656	15695	9083	5720	3832	2691	1961	1474	1135	893	715	581	479	399	336	286	245
1400S200-68	Strength	50	2981e	2384e	1987e	1703e	1490e	1324e	1192e	1084e	993e	917e	851e	772e	678e	601e	536e	481e	434e
	L/360		39661	20306	11751	7400	4957	3481	2538	1907	1468	1155	925	752	619	516	435	370	317
1400S200-97	Strength	50	8748e	6999e	5832e	4999e	4374e	3621e	2933e	2424e	2037e	1735e	1496e	1303e	1145e	1015e	905e	812e	733e
	L/360		58294	29846	17272	10877	7286	5117	3730	2803	2159	1698	1359	1105	910	759	639	543	466
1400S250-54	Strength	50	1483e	1186e	988e	847e	741e	659e	593e	539e	494e	456e	423e	395e	370e	349e	329e	312e	296e
	L/360		32587	16684	9655	6080	4073	2860	2085	1566	1206	949	760	617	509	424	357	304	260
1400S250-68	Strength	50	2981e	2384e	1987e	1703e	1490e	1324e	1192e	1084e	993e	917e	851e	794e	730e	647e	577e	518e	467e
	L/360		43602	22324	12919	8135	5450	3827	2790	2096	1614	1270	1016	826	681	567	478	406	348
1400S250-97	Strength	50	8748e	6999e	5832e	4999e	4374e	3888e	3151e	2604e	2188e	1864e	1608e	1400e	1231e	1090e	972e	873e	787e
	L/360		64926	33242	19237	12114	8115	5699	4155	3121	2404	1891	1514	1231	1014	845	712	605	519
1400S300-54	Strength	50	1483e	1186e	988e	847e	741e	659e	593e	539e	494e	456e	423e	395e	370e	349e	329e	312e	296e
	L/360		34257	17539	10150	6392	4282	3007	2192	1647	1268	997	799	649	535	446	375	319	274
1400S300-68	Strength	50	2981e	2384e	1987e	1703e	1490e	1324e	1192e	1084e	993e	917e	851e	794e	745e	677e	604e	542e	489e
	L/360		46013	23558	13633	8585	5751	4039	2944	2212	1704	1340	1073	872	718	599	504	429	368
1400S300-97	Strength	50	8748e	6999e	5832e	4999e	4374e	3888e	3301e	2728e	2292e	1953e	1684e	1467e	1289e	1142e	1018e	914e	825e
	L/360		70147	35915	20784	13088	8768	6158	4489	3372	2598	2043	1636	1330	1096	913	769	654	561
1400S350-54	Strength	50	1483e	1186e	988e	847e	741e	659e	593e	539e	494e	456e	423e	395e	370e	349e	329e	312e	296e
	L/360		41449	21222	12281	7734	5181	3638	2652	1993	1535	1207	966	786	647	539	454	386	331
1400S350-68	Strength	50	2981e	2384e	1987e	1703e	1490e	1324e	1192e	1084e	993e	917e	851e	794e	745e	701e	662e	627e	596e
	L/360		57543	29462	17049	10736	7192	5051	3682	2766	2131	1676	1342	1091	899	749	631	536	460
1400S350-97	Strength	50	8748e	6999e	5832e	4999e	4374e	3888e	3499e	3181e	2787e	2375e	2048e	1784e	1568e	1389e	1239e	1112e	1003e
	L/360		84101	43059	24918	15692	10512	7383	5382	4043	3114	2449	1961	1594	1314	1095	922	784	672

NOTE: "e" web stiffeners required at ends.

UNIFORM DISTRIBUTED HEADER LOADS (PLF) - 1600S

Strength - Factored Loads **L/360 - Specified Loads**

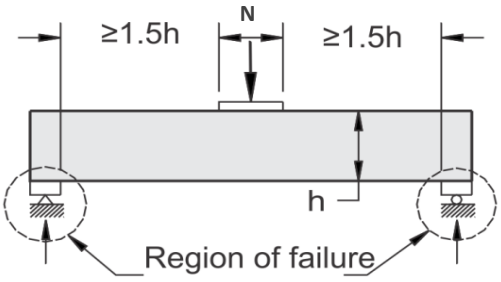
Section	Design Criteria	F_y (ksi)	Span (ft)																
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1600S162-68	Strength	50	2600e	2080e	1733e	1485e	1300e	1155e	1040e	945e	866e	800e	742e	693e	637e	565e	503e	452e	408e
	L/360		47790	24468	14160	8917	5973	4195	3058	2297	1770	1392	1114	906	746	622	524	445	382
1600S162-97	Strength	50	7619e	6095e	5079e	4353e	3809e	3386e	2849e	2355e	1978e	1686e	1453e	1266e	1113e	986e	879e	789e	712e
	L/360		71472	36594	21177	13336	8934	6274	4574	3436	2647	2082	1667	1355	1116	931	784	666	571
1600S200-68	Strength	50	2600e	2080e	1733e	1485e	1300e	1155e	1040e	945e	866e	800e	742e	693e	650e	611e	577e	531e	479e
	L/360		53827	27559	15948	10043	6728	4725	3444	2588	1993	1568	1255	1020	841	701	590	502	430
1600S200-97	Strength	50	7619e	6095e	5079e	4353e	3809e	3386e	3047e	2720e	2286e	1948e	1679e	1463e	1286e	1139e	1016e	911e	823e
	L/360		79924	40921	23681	14912	9990	7016	5115	3843	2960	2328	1864	1515	1248	1041	877	745	639
1600S250-68	Strength	50	2600e	2080e	1733e	1485e	1300e	1155e	1040e	945e	866e	800e	742e	693e	650e	611e	577e	547e	520e
	L/360		58956	30185	17468	11000	7369	5175	3773	2834	2183	1717	1375	1117	921	768	646	550	471
1400S250-97	Strength	50	7619e	6095e	5079e	4353e	3809e	3386e	3047e	2770e	2474e	2108e	1818e	1583e	1392e	1233e	1099e	987e	890e
	L/360		88635	45381	26262	16538	11079	7781	5672	4261	3282	2582	2067	1680	1384	1154	972	827	709
1600S300-68	Strength	50	2600e	2080e	1733e	1485e	1300e	1155e	1040e	945e	866e	800e	742e	693e	650e	611e	577e	547e	520e
	L/360		62003	31745	18371	11569	7750	5443	3968	2981	2296	1806	1446	1175	968	807	680	578	496
1600S300-97	Strength	50	7619e	6095e	5079e	4353e	3809e	3386e	3047e	2770e	2539e	2223e	1916e	1669e	1467e	1300e	1159e	1040e	939e
	L/360		95379	48834	28260	17796	11922	8373	6104	4586	3532	2778	2224	1808	1490	1242	1046	889	763
1600S350-68	Strength	50	2600e	2080e	1733e	1485e	1300e	1155e	1040e	945e	866e	800e	742e	693e	650e	611e	577e	547e	520e
	L/360		74023	37900	21932	13812	9252	6498	4737	3559	2741	2156	1726	1403	1156	964	812	690	592
1600S350-97	Strength	50	7619e	6095e	5079e	4353e	3809e	3386e	3047e	2770e	2539e	2344e	2176e	2031e	1794e	1589e	1417e	1272e	1148e
	L/360		111375	57024	33000	20781	13921	9777	7128	5355	4125	3244	2597	2112	1740	1450	1222	1039	891

NOTE: "e" web stiffeners required at ends.

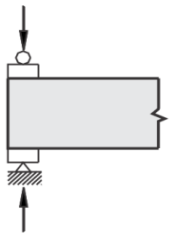
Web Crippling Tables

Table Notes

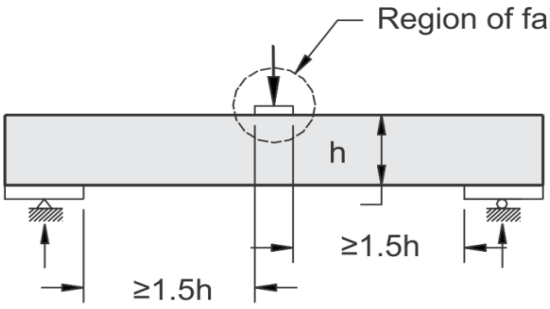
1. The factored web cripping data is based on Section G5 of S136-16.
2. For single web members, the coefficients and resistance factors are based on Table G5-2. N is the bearing length. If N/h > 2, then N can not be greater than 2h. If N/t > 210, then N can not be greater than 210t.
3. For back-to-back members, the cofficients and resistance factors are based on Table G5-1. If N/h > 1, then N can not be greater than h. If N/t > 210, then N can not be greater than 210t.
4. Coefficients and resistance factors are based on members "Fastened to Support", except for back-to-back members under two-flange loading, the coefficients and resistance factors "Unfastened to Support" are used.
5. For back-to-back members, the distance between web connectors and flange shall be kept to a minimun.
6. Calculations are based on unperforated webs. Resistance reductions for end and interior one flange loading near punchouts can be calculated based on Section G6 of S136-16.



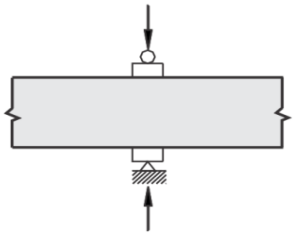
End-One-Flange (EOF)



End-Two-Flange (ETF)



Interior-One-Flange (IOF)



Interior-Two-Flange (ITF)

FACTORED WEB CRIPPLING DATA FOR *SINGLE* WEB MEMBERS

Section Depth (in.)	Designation Thickness (Mils)	Base Design Thickness (in.)	F_y (ksi)	h/t	Factored Web Crippling Data (lb)							
					EOF		IOF		ETF		ITF	
					P_{eo1}	P_{eo2}	P_{io1}	P_{io2}	P_{et1}	P_{et2}	P_{it1}	P_{it2}
3.625	33	0.0346	33	98.3	75.2	26.3	244	34.1	103	12.3	349	28.0
	43	0.0451	33	75.2	137	48.0	453	63.5	198	23.8	644	51.5
	54	0.0566	50	59.0	337	118	1105	155	513	61.6	1606	129
	68	0.0713	50	45.8	546	191	1770	248	871	105	2644	212
	97	0.1017	50	30.6	1143	400	3649	511	1927	231	5639	451
4.00	33	0.0346	33	109	74.2	26.0	242	33.9	97.6	11.7	341	27.3
	43	0.0451	33	83.5	136	47.5	451	63.1	191	22.9	631	50.5
	54	0.0566	50	65.7	334	117	1100	154	497	59.6	1579	126
	68	0.0713	50	51.1	542	190	1763	247	847	102	2604	208
	97	0.1017	50	34.3	1135	397	3637	509	1886	226	5571	446
6.00	33	0.0346	33	167	69.6	24.4	235	33.0	74.3	8.90	302	24.2
	43	0.0451	33	128	128	44.9	440	61.6	155	18.6	572	45.7
	54	0.0566	50	101	318	111	1076	151	421	50.5	1452	116
	68	0.0713	50	79.2	519	182	1730	242	739	88.7	2423	194
	97	0.1017	50	54.0	1097	384	3579	501	1698	204	5256	421
8.00	33	0.0346	33	225	65.7	23.0	230	32.2	54.9	6.60	270	21.6
	43	0.0451	33	172	122	42.8	431	60.4	126	15.1	522	41.8
	54	0.0566	50	136	305	107	1057	148	357	42.9	1345	108
	68	0.0713	50	107	501	175	1702	238	649	77.8	2272	182
	97	0.1017	50	73.7	1065	373	3532	494	1543	185	4996	400
10.0	43	0.0451	33	217	117	41.0	423	59.3	99.7	12.0	479	38.3
	54	0.0566	50	172	294	103	1040	146	302	36.2	1252	100
	68	0.0713	50	135	485	170	1678	235	570	68.4	2140	171
	97	0.1017	50	93.3	1037	363	3490	489	1407	169	4769	382
12.0	54	0.0566	50	207	284	99.2	1024	143	251	30.2	1168	93.4
	68	0.0713	50	163	470	165	1656	232	499	59.8	2020	162
	97	0.1017	50	113	1012	354	3453	483	1285	154	4564	365
14.0	54	0.0566	50	242	274	96.0	1010	141	205	24.7	1091	87.3
	68	0.0713	50	191	457	160	1636	229	433	52.0	1911	153
	97	0.1017	50	133	989	346	3418	479	1173	141	4377	350
16.0	68	0.0713	50	219	445	156	1618	227	373	45	1809	145
	97	0.1017	50	152	968	339	3386	474	1070	128	4203	336

NOTES:

1. Based on Eq. G5-1 of S136-16.
2. Factored end one flange web crippling resistance (EOF), $P_{reo} = P_{eo1} + P_{eo2}[N/t]^{1/2}$
3. Factored interior one flange web crippling resistance (IOF), $P_{rio} = P_{io1} + P_{io2}[N/t]^{1/2}$
4. Factored end two flange web crippling resistance (ETF), $P_{ret} = P_{et1} + P_{et2}[N/t]^{1/2}$
5. Factored interior two flange web crippling resistance (ITF), $P_{rit} = P_{it1} + P_{it2}[N/t]^{1/2}$

FACTORED WEB CRIPPLING DATA FOR *BACK-TO-BACK* WEB MEMBERS

Section Depth (in.)	Designation Thickness (Mils)	Base Design Thickness (in.)	F_y (ksi)	h/t	Factored Web Crippling Data (lb)							
					EOF		IOF		ETF		ITF	
					P_{eo1}	P_{eo2}	P_{io1}	P_{io2}	P_{et1}	P_{et2}	P_{it1}	P_{it2}
3.625	33	0.0346	33	98.3	372	104	899	98.9	416	33.3	883	70.7
	43	0.0451	33	75.2	658	184	1609	177	783	62.7	1691	135
	54	0.0566	50	59.0	1580	443	3870	426	1989	159	4302	344
	68	0.0713	50	45.8	2510	703	6147	676	3323	266	7187	575
	97	0.1017	50	30.6	5113	1432	12522	1377	7219	578	15612	1249
4.00	33	0.0346	33	109	372	104	898	98.8	401	32.1	852	68.2
	43	0.0451	33	83.5	658	184	1608	177	761	60.9	1642	131
	54	0.0566	50	65.7	1580	442	3868	426	1941	155	4198	336
	68	0.0713	50	51.1	2509	703	6145	676	3254	260	7038	563
	97	0.1017	50	34.3	5112	1431	12517	1377	7099	568	15353	1228
6.00	33	0.0346	33	167	371	104	896	98.6	333	26.6	707	56.6
	43	0.0451	33	128	656	184	1605	177	657	52.6	1418	113
	54	0.0566	50	101	1577	441	3861	425	1717	137	3714	297
	68	0.0713	50	79.2	2505	701	6134	675	2936	235	6349	508
	97	0.1017	50	54.0	5104	1429	12499	1375	6547	524	14158	1133
8.00	33	0.0346	33	225	370	104	894	98.4	276	22.1	586	46.9
	43	0.0451	33	172	655	183	1602	176	570	45.6	1230	98.4
	54	0.0566	50	136	1574	441	3854	424	1531	122	3310	265
	68	0.0713	50	107	2501	700	6125	674	2670	214	5774	462
	97	0.1017	50	73.7	5098	1427	12483	1373	6089	487	13168	1054
10.0	43	0.0451	33	217	654	183	1599	176	493	39.5	1065	85.2
	54	0.0566	50	172	1572	440	3849	423	1367	109	2956	237
	68	0.0713	50	135	2498	699	6117	673	2437	195	5271	422
	97	0.1017	50	93.3	5092	1426	12470	1372	5689	455	12304	984
12.0	54	0.0566	50	207	1570	440	3844	423	1219	97.5	2636	211
	68	0.0713	50	163	2495	699	6110	672	2228	178	4818	385
	97	0.1017	50	113	5087	1424	12457	1370	5330	426	11526	922
14.0	54	0.0566	50	242	1568	439	3839	422	1084	86.7	2343	188
	68	0.0713	50	191	2492	698	6103	671	2036	163	4403	352
	97	0.1017	50	133	5083	1423	12446	1369	5000	400	10814	865
16.0	68	0.0713	50	219	2490	697	6097	671	1857	149	4016	321
	97	0.1017	50	152	5078	1422	12436	1368	4695	376	10153	812

NOTES:

1. Based on Eq. G5-1 of S136-16.
2. Factored end one flange web crippling resistance (EOF), $P_{reo} = P_{eo1} + P_{eo2}[N/t]^{1/2}$
3. Factored interior one flange web crippling resistance (IOF), $P_{rio} = P_{io1} + P_{io2}[N/t]^{1/2}$
4. Factored end two flange web crippling resistance (ETF), $P_{ret} = P_{et1} + P_{et2}[N/t]^{1/2}$
5. Factored interior two flange web crippling resistance (ITF), $P_{rit} = P_{it1} + P_{it2}[N/t]^{1/2}$

FACTORED WEB CRIPPLING RESISTANCES FOR *SINGLE* WEB MEMBERS

Section Depth (in.)	Designation Thickness (Mils)	Base Design Thickness (in.)	F_y (ksi)	h/t	Factored Web Crippling Resistances (lb)							
					EOF		IOF		ETF		ITF	
					N = 1"	N = 3"	N = 1"	N = 3"	N = 1"	N = 3"	N = 1"	N = 3"
3.625	33	0.0346	33	98.3	217	320	427	561	169	217	500	610
	43	0.0451	33	75.2	363	529	752	971	310	392	886	1064
	54	0.0566	50	59.0	833	1196	1755	2231	772	961	2146	2542
	68	0.0713	50	45.8	1262	1786	2698	3378	1262	1548	3436	4015
	97	0.1017	50	30.6	2398	3316	5252	6424	2652	3182	7054	8089
4.00	33	0.0346	33	109	214	316	424	558	161	207	488	595
	43	0.0451	33	83.5	359	523	748	966	298	377	869	1043
	54	0.0566	50	65.7	824	1184	1747	2220	747	930	2110	2498
	68	0.0713	50	51.1	1251	1771	2688	3364	1228	1507	3385	3956
	97	0.1017	50	34.3	2380	3292	5234	6402	2596	3115	6968	7991
6.00	33	0.0346	33	167	201	296	413	542	122	157	432	528
	43	0.0451	33	128	340	495	730	943	243	307	787	945
	54	0.0566	50	101	786	1129	1710	2173	633	788	1940	2297
	68	0.0713	50	79.2	1200	1699	2637	3301	1071	1314	3149	3680
	97	0.1017	50	54.0	2300	3181	5151	6301	2338	2805	6575	7540
8.00	33	0.0346	33	225	189	280	403	530	90	116	386	471
	43	0.0451	33	172	324	472	715	924	197	249	719	863
	54	0.0566	50	136	754	1083	1679	2134	537	669	1798	2129
	68	0.0713	50	107	1158	1638	2595	3248	940	1154	2953	3451
	97	0.1017	50	73.7	2233	3089	5082	6217	2124	2549	6249	7167
10.0	43	0.0451	33	217	310	451	702	907	156	197	659	791
	54	0.0566	50	172	726	1042	1652	2100	454	565	1673	1981
	68	0.0713	50	135	1120	1586	2558	3202	826	1013	2781	3250
	97	0.1017	50	93.3	2175	3008	5022	6144	1937	2324	5965	6840
12.0	54	0.0566	50	207	701	1006	1627	2069	378	471	1561	1848
	68	0.0713	50	163	1087	1538	2525	3160	723	887	2626	3069
	97	0.1017	50	113	2123	2936	4968	6078	1769	2123	5709	6547
14.0	54	0.0566	50	242	678	973	1605	2040	309	385	1458	1726
	68	0.0713	50	191	1056	1495	2494	3122	628	771	2484	2903
	97	0.1017	50	133	2075	2870	4919	6018	1615	1938	5475	6278
16.0	68	0.0713	50	219	1027	1454	2466	3087	540	663	2352	2748
	97	0.1017	50	152	2031	2808	4873	5961	1472	1766	5257	6029

NOTE:

1. Based on Eq. G5-1 of S136-16; N = Bearing length (in.)

FACTORED WEB CRIPPLING RESISTANCES FOR *BACK-TO-BACK* WEB MEMBERS

Section Depth (in.)	Designation Thickness (Mils)	Base Design Thickness (in.)	F_y (ksi)	h/t	Factored Web Crippling Resistances (lb)							
					EOF		IOF		ETF		ITF	
					N = 1"	N = 3"	N = 1"	N = 3"	N = 1"	N = 3"	N = 1"	N = 3"
3.625	33	0.0346	33	98.3	931	1341	1430	1819	595	726	1263	1541
	43	0.0451	33	75.2	1526	2161	2443	3053	1079	1295	2328	2794
	54	0.0566	50	59.0	3440	4802	5659	6969	2658	3148	5749	6808
	68	0.0713	50	45.8	5142	7069	8679	10533	4319	5047	9340	10916
	97	0.1017	50	30.6	9603	12889	16841	20002	9030	10355	19529	22396
4.00	33	0.0346	33	109	931	1340	1430	1819	574	700	1219	1487
	43	0.0451	33	83.5	1525	2160	2441	3051	1048	1258	2261	2714
	54	0.0566	50	65.7	3439	4800	5657	6966	2594	3071	5609	6643
	68	0.0713	50	51.1	5140	7066	8676	10529	4229	4943	9146	10690
	97	0.1017	50	34.3	9600	12885	16835	19996	8880	10183	19204	22024
6.00	33	0.0346	33	167	928	1337	1426	1814	476	581	1012	1234
	43	0.0451	33	128	1522	2155	2436	3045	904	1086	1952	2343
	54	0.0566	50	101	3432	4790	5646	6953	2295	2718	4963	5877
	68	0.0713	50	79.2	5131	7054	8661	10510	3815	4459	8251	9643
	97	0.1017	50	54.0	9585	12866	16810	19966	8189	9391	17710	20310
8.00	33	0.0346	33	225	926	1334	1423	1810	395	482	838	1023
	43	0.0451	33	172	1519	2151	2432	3039	785	942	1693	2032
	54	0.0566	50	136	3426	4782	5637	6941	2045	2422	4423	5238
	68	0.0713	50	107	5124	7044	8648	10495	3470	4055	7504	8771
	97	0.1017	50	73.7	9573	12850	16789	19941	7616	8734	16472	18890
10.0	43	0.0451	33	217	1516	2148	2428	3034	679	815	1466	1760
	54	0.0566	50	172	3421	4776	5628	6931	1826	2163	3950	4677
	68	0.0713	50	135	5117	7034	8637	10481	3167	3702	6850	8006
	97	0.1017	50	93.3	9563	12836	16771	19919	7116	8161	15390	17650
12.0	54	0.0566	50	207	3417	4769	5621	6922	1629	1929	3523	4172
	68	0.0713	50	163	5111	7026	8627	10469	2895	3384	6262	7318
	97	0.1017	50	113	9553	12823	16754	19900	6666	7645	14418	16534
14.0	54	0.0566	50	242	3413	4764	5614	6914	1448	1715	3131	3708
	68	0.0713	50	191	5106	7019	8617	10458	2646	3092	5722	6687
	97	0.1017	50	133	9545	12812	16739	19882	6255	7173	13527	15513
16.0	68	0.0713	50	219	5101	7012	8609	10448	2414	2821	5220	6101
	97	0.1017	50	152	9537	12801	16725	19866	5872	6734	12700	14564

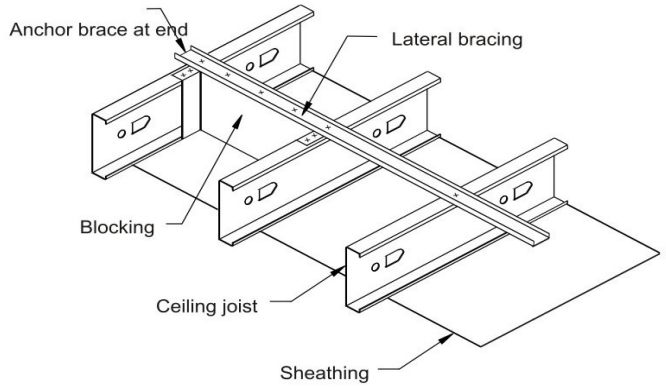
NOTE:

1. Based on Eq. G5-1 of S136-16; N = Bearing length (in.)

S-Section Ceiling Span Tables

Table Notes

1. Values are for simple span conditions.
2. For "Unbraced" case, the factored moment resistance is based on Sections F2 and F3 of S136-16 with the unbraced length assumed to be the listed span.
3. For "Midspan" braced case, the factored moment resistance is based on Sections F2 and F3 of S136-16 with the unbraced length assumed to be half of the listed span.
4. Web crippling check is based on 1" of bearing at end supports.
5. Web crippling and shear have not been reduced for ounchouts. If web punchouts occur near supports, members must be checked for reduced shear and web crippling in accordance with S136-16.



INTERIOR LIMITING CEILING/SOFFIT SPANS (S-SECTIONS) (ft-in) - L/360

Specified Dead Load		4 psf						6 psf						13 psf					
		Lateral Support of Compression Flange						Lateral Support of Compression Flange						Lateral Support of Compression Flange					
		Unsupported			Midspan			Unsupported			Midspan			Unsupported			Midspan		
Stud Designation	F_y (ksi)	Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.		
		12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
162S125-18	33	7' 2"	6' 6"	5' 8"	7' 5"	6' 8"	5' 10"	6' 3"	5' 8"	4' 11"	6' 5"	5' 10"	5' 0"	4' 9"	4' 4"	3' 9"	4' 11"	4' 5"	3' 10"
162S125-33	33	9' 0"	8' 1"	7' 1"	9' 0"	8' 1"	7' 1"	7' 10"	7' 1"	6' 3"	7' 10"	7' 1"	6' 3"	6' 0"	5' 6"	4' 9"	6' 0"	5' 6"	4' 9"
250S125-18	33	8' 11"	8' 3"	7' 5"	10' 1"	9' 1"	7' 10"	8' 0"	7' 5"	6' 8"	8' 9"	7' 10"	6' 10"	6' 6"	6' 1"	5' 4"e	6' 8"	6' 0"	5' 3"e
250S125-33	33	11' 0"	10' 2"	9' 0"	12' 5"	11' 3"	9' 10"	9' 10"	9' 0"	8' 1"	10' 10"	9' 10"	8' 7"	7' 10"	7' 3"	6' 6"	8' 4"	7' 7"	6' 7"
250S125-43	33	12' 5"	11' 5"	10' 1"	13' 6"	12' 3"	10' 9"	11' 0"	10' 1"	8' 11"	11' 9"	10' 9"	9' 4"	8' 9"	8' 0"	7' 2"	9' 1"	8' 3"	7' 3"
362S125-18	33	10' 0"	9' 3"	8' 4"	13' 4"	12' 3"	10' 7"	9' 0"	8' 4"	7' 6"	11' 8"	10' 7"	9' 2"e	7' 4"	6' 10"e	6' 2"e	8' 11"e	7' 11"e	6' 7"e
362S125-33	33	12' 1"	11' 2"	10' 0"	16' 7"	15' 1"	13' 2"	10' 9"	10' 0"	8' 11"	14' 6"	13' 2"	11' 6"	8' 9"	8' 1"	7' 3"	11' 2"	10' 1"	8' 10"
362S125-43	33	13' 6"	12' 4"	11' 0"	18' 0"	16' 4"	14' 4"	11' 11"	11' 0"	9' 9"	15' 9"	14' 4"	12' 6"	9' 7"	8' 10"	7' 10"	12' 2"	11' 0"	9' 8"
362S162-33	33	15' 6"	14' 4"	12' 10"	18' 2"	16' 6"	14' 5"	13' 10"	12' 10"	11' 6"	15' 10"	14' 5"	12' 7"	11' 3"	10' 5"	9' 5"	12' 3"	11' 1"	9' 8"
362S162-43	33	17' 1"	15' 9"	14' 0"	19' 9"	17' 11"	15' 8"	15' 2"	14' 0"	12' 6"	17' 3"	15' 8"	13' 8"	12' 3"	11' 4"	10' 2"	13' 4"	12' 1"	10' 7"
400S125-18	33	10' 3"	9' 6"	8' 7"	13' 9"	12' 7"	11' 1"	9' 3"	8' 7"	7' 9"	12' 2"	11' 1"	9' 7"e	7' 7"	7' 0"e	6' 4"e	9' 3"e	8' 3"e	6' 11"e
400S125-33	33	12' 5"	11' 5"	10' 3"	17' 5"	16' 1"	14' 3"	11' 1"	10' 3"	9' 2"	15' 6"	14' 3"	12' 5"	9' 0"	8' 4"	7' 5"	12' 1"	10' 11"	9' 6"
400S125-43	33	13' 9"	12' 8"	11' 3"	19' 2"	17' 8"	15' 5"	12' 3"	11' 3"	10' 0"	17' 0"	15' 5"	13' 6"	9' 10"	9' 1"	8' 1"	13' 2"	11' 11"	10' 5"
400S162-33	33	15' 10"	14' 8"	13' 2"	19' 7"	17' 9"	15' 6"	14' 3"	13' 2"	11' 10"	17' 1"	15' 6"	13' 7"	11' 7"	10' 9"	9' 8"	13' 2"	12' 0"	10' 6"
400S162-43	33	17' 6"	16' 1"	14' 4"	21' 4"	19' 4"	16' 11"	15' 7"	14' 4"	12' 10"	18' 7"	16' 11"	14' 9"	12' 7"	11' 7"	10' 5"	14' 4"	13' 1"	11' 5"
600S125-33	33	13' 10"	12' 9"	11' 6"	19' 10"	18' 5"	16' 6"	12' 5"	11' 6"	10' 4"	17' 10"	16' 6"	14' 10"	10' 1"	9' 4"	8' 5"	14' 6"	13' 5"	12' 0"
600S125-43	33	15' 2"	14' 0"	12' 6"	21' 6"	19' 10"	17' 10"	13' 6"	12' 6"	11' 2"	19' 3"	17' 10"	16' 0"	10' 11"	10' 1"	9' 1"	15' 8"	14' 6"	13' 1"
600S162-33	33	17' 8"	16' 5"	14' 9"	25' 6"	23' 8"	21' 4"	15' 11"	14' 9"	13' 3"	23' 0"	21' 4"	18' 8"	13' 0"	12' 1"	10' 10"	18' 2"	16' 6"	14' 5"e
600S162-43	33	19' 4"	17' 10"	16' 0"	27' 6"	25' 6"	22' 11"	17' 3"	16' 0"	14' 4"	24' 9"	22' 11"	20' 4"	14' 0"	13' 0"	11' 8"	19' 9"	18' 0"	15' 8"

INTERIOR LIMITING CEILING/SOFFIT SPANS (S-SECTIONS) (ft-in) - L/240

Specified Dead Load		4 psf						6 psf						13 psf					
		Lateral Support of Compression Flange						Lateral Support of Compression Flange						Lateral Support of Compression Flange					
		Unsupported			Midspan			Unsupported			Midspan			Unsupported			Midspan		
Stud Designation	F_y (ksi)	Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.			Joist Spacing (in.) o.c.		
		12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
162S125-18	33	7' 11"	7' 4"	6' 7"	8' 3"	7' 5"	6' 8"	7' 1"	6' 7"	5' 9"	7' 2"	6' 8"	5' 10"	5' 7"	5' 1"	4' 5"	5' 8"	5' 2"	4' 6"
162S125-33	33	10' 0"	9' 2"	8' 2"	10' 3"	9' 4"	8' 3"	8' 11"	8' 2"	7' 1"	9' 0"	8' 3"	7' 2"	6' 11"	6' 3"	5' 6"	6' 11"	6' 3"	5' 6"
250S125-18	33	8' 11"	8' 3"	7' 5"	11' 6"	10' 5"	9' 0"	8' 0"	7' 5"	6' 8"	10' 0"	9' 0"	7' 10"	6' 6"	6' 1"	5' 5"e	7' 7"	6' 11"e	5' 11"e
250S125-33	33	11' 0"	10' 2"	9' 0"	14' 3"	12' 11"	11' 3"	9' 10"	9' 0"	8' 1"	12' 5"	11' 3"	9' 10"	7' 10"	7' 3"	6' 6"	9' 7"	8' 8"	7' 7"
250S125-43	33	12' 5"	11' 5"	10' 1"	15' 6"	14' 0"	12' 3"	11' 0"	10' 1"	8' 11"	13' 6"	12' 3"	10' 9"	8' 9"	8' 0"	7' 2"	10' 5"	9' 6"	8' 3"
362S125-18	33	10' 0"	9' 3"	8' 4"	13' 4"	12' 3"	10' 8"	9' 0"	8' 4"	7' 6"	11' 9"	10' 8"	9' 2"e	7' 4"	6' 10"e	6' 2"e	8' 11"e	7' 11"e	6' 7"e
362S125-33	33	12' 1"	11' 2"	10' 0"	16' 11"	15' 7"	13' 11"	10' 9"	10' 0"	8' 11"	15' 1"	13' 11"	12' 6"	8' 9"	8' 1"	7' 3"	12' 2"	11' 2"	9' 7"
362S125-43	33	13' 6"	12' 4"	11' 0"	18' 8"	17' 2"	15' 4"	11' 11"	11' 0"	9' 9"	16' 8"	15' 4"	13' 9"	9' 7"	8' 10"	7' 10"	13' 5"	12' 4"	10' 10"
362S162-33	33	15' 6"	14' 4"	12' 10"	20' 9"	18' 10"	16' 6"	13' 10"	12' 10"	11' 6"	18' 2"	16' 6"	14' 5"	11' 3"	10' 5"	9' 5"	14' 0"	12' 9"	11' 1"
362S162-43	33	17' 1"	15' 9"	14' 0"	22' 7"	20' 6"	17' 11"	15' 2"	14' 0"	12' 6"	19' 9"	17' 11"	15' 8"	12' 3"	11' 4"	10' 2"	15' 3"	13' 10"	12' 1"
400S125-18	33	10' 3"	9' 6"	8' 7"	13' 9"	12' 7"	11' 1"	9' 3"	8' 7"	7' 9"	12' 2"	11' 1"	9' 7"e	7' 7"	7' 0"e	6' 4"e	9' 3"e	8' 3"e	6' 11"e
400S125-33	33	12' 5"	11' 5"	10' 3"	17' 5"	16' 1"	14' 4"	11' 1"	10' 3"	9' 2"	15' 6"	14' 4"	12' 10"	9' 0"	8' 4"	7' 5"	12' 6"	11' 6"	10' 0"
400S125-43	33	13' 9"	12' 8"	11' 3"	19' 2"	17' 8"	15' 9"	12' 3"	11' 3"	10' 0"	17' 1"	15' 9"	14' 1"	9' 10"	9' 1"	8' 1"	13' 9"	12' 8"	11' 2"
400S162-33	33	15' 10"	14' 8"	13' 2"	22' 5"	20' 4"	17' 9"	14' 3"	13' 2"	11' 10"	19' 7"	17' 9"	15' 6"	11' 7"	10' 9"	9' 8"	15' 1"	13' 9"	12' 0"
400S162-43	33	17' 6"	16' 1"	14' 4"	24' 5"	22' 2"	19' 4"	15' 7"	14' 4"	12' 10"	21' 4"	19' 4"	16' 11"	12' 7"	11' 7"	10' 5"	16' 6"	14' 11"	13' 1"
600S125-33	33	13' 10"	12' 9"	11' 6"	19' 10"	18' 5"	16' 6"	12' 5"	11' 6"	10' 4"	17' 10"	16' 6"	14' 10"	10' 1"	9' 4"	8' 5"	14' 6"	13' 5"	12' 0"
600S125-43	33	15' 2"	14' 0"	12' 6"	21' 6"	19' 10"	17' 10"	13' 6"	12' 6"	11' 2"	19' 3"	17' 10"	16' 0"	10' 11"	10' 1"	9' 1"	15' 8"	14' 6"	13' 1"
600S162-33	33	17' 8"	16' 5"	14' 9"	25' 6"	23' 8"	21' 4"	15' 11"	14' 9"	13' 3"	23' 0"	21' 4"	19' 3"	13' 0"	12' 1"	10' 10"	18' 10"	17' 6"	15' 7"e
600S162-43	33	19' 4"	17' 10"	16' 0"	27' 6"	25' 6"	22' 11"	17' 3"	16' 0"	14' 4"	24' 9"	22' 11"	20' 8"	14' 0"	13' 0"	11' 8"	20' 3"	18' 9"	16' 10"

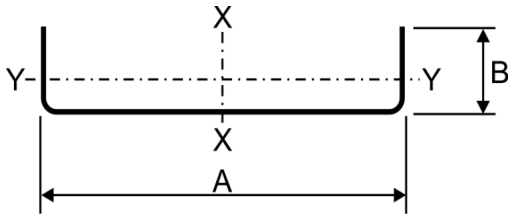
NOTE: "e" indicates that web stiffeners are required at ends.

U-Channel Ceiling Tables

Section Properties

Section Designation	Base Design Thickness (in.)	Depth A (in.)	Flange B (in.)	F_y (ksi)	Gross							Effective		
					Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	V_{rg} (kip)	I_{xd} (in^4)	S_{xe} (in^3)	M_{rx} (k-in)
75U50-43	0.0451	0.75	0.50	33	0.242	0.0712	0.00618	0.295	0.00177	0.158	0.370	0.00618	0.0165	0.57
75U50-54	0.0566	0.75	0.50	50	0.296	0.0871	0.00726	0.289	0.00211	0.156	0.634	0.00726	0.0194	1.02
150U50-43	0.0451	1.50	0.50	33	0.357	0.105	0.0324	0.555	0.00226	0.147	0.905	0.0324	0.0431	1.49
150U50-54	0.0566	1.50	0.50	50	0.441	0.130	0.0390	0.549	0.00272	0.145	1.65	0.0390	0.0520	2.73
200U50-54	0.0566	2.00	0.50	50	0.537	0.158	0.0796	0.710	0.00294	0.137	2.33	0.0796	0.0796	4.19
250U50-54	0.0566	2.50	0.50	50	0.634	0.186	0.140	0.867	0.00310	0.129	3.01	0.140	0.112	5.89

NOTE: When applicable, cold work of forming was considered as per Section A3.3.2 of S136-16.



Note: Inside bend radius taken as 3/32"

Table Notes

1. Multiple span indicates two or more equal spans continuous over interior supports.
2. Compression flanges assumed unbraced.
3. Web crippling based on 3/4" bearing at end and interior supports.

LIMITING U-CHANNEL CEILING SPANS (ft-in) - L/360

Specified Dead Loads			4 psf					6 psf					13 psf					15 psf				
Section Designation	F_y (ksi)	Span Type	Spacing (in.) o.c.					Spacing (in.) o.c.					Spacing (in.) o.c.					Spacing (in.) o.c.				
			24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
75U050-43	33	Single	3' 2"	2' 9"	2' 6"	2' 4"	2' 2"	2' 9"	2' 5"	2' 2"	2' 0"	1' 11"	2' 2"	1' 10"	1' 8"	1' 7"	1' 6"	2' 0"	1' 9"	1' 7"	1' 6"	1' 5"
	33	Multiple	3' 11"	3' 5"	3' 2"	2' 11"	2' 9"	3' 5"	3' 0"	2' 9"	2' 6"	2' 5"	2' 8"	2' 4"	2' 1"	1' 11"	1' 10"	2' 6"	2' 3"	2' 0"	1' 10"	1' 9"
75U050-54	50	Single	3' 4"	2' 11"	2' 8"	2' 6"	2' 4"	2' 11"	2' 7"	2' 4"	2' 2"	2' 0"	2' 3"	2' 0"	1' 9"	1' 8"	1' 7"	2' 2"	1' 11"	1' 8"	1' 7"	1' 6"
	50	Multiple	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	3' 8"	3' 2"	2' 11"	2' 8"	2' 6"	2' 10"	2' 5"	2' 3"	2' 1"	1' 11"	2' 8"	2' 4"	2' 1"	2' 0"	1' 10"
150U050-43	33	Single	5' 2"	4' 6"	4' 1"	3' 10"	3' 7"	4' 6"	3' 11"	3' 7"	3' 4"	3' 2"	3' 6"	3' 1"	2' 10"	2' 7"	2' 6"	3' 4"	2' 11"	2' 8"	2' 6"	2' 4"
	33	Multiple	6' 7"	5' 9"	5' 3"	4' 10"	4' 7"	5' 9"	5' 0"	4' 7"	4' 3"	4' 0"	4' 5"	3' 11"	3' 7"	3' 4"	3' 1"	4' 3"	3' 9"	3' 5"	3' 2"	2' 11"
150U050-54	50	Single	5' 11"	5' 2"	4' 8"	4' 4"	4' 1"	5' 2"	4' 6"	4' 1"	3' 9"	3' 7"	4' 0"	3' 6"	3' 2"	2' 11"	2' 9"	3' 9"	3' 4"	3' 0"	2' 9"	2' 8"
	50	Multiple	7' 4"	6' 5"	5' 10"	5' 5"	5' 1"	6' 5"	5' 7"	5' 1"	4' 9"	4' 5"	4' 11"	4' 4"	3' 11"	3' 8"	3' 5"	4' 9"	4' 1"	3' 9"	3' 6"	3' 3"
200U050-54	50	Single	6' 2"	5' 5"	4' 11"	4' 7"	4' 4"	5' 5"	4' 9"	4' 4"	4' 0"	3' 9"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"
	50	Multiple	7' 11"	6' 11"	6' 3"	5' 10"	5' 6"	6' 11"	6' 0"	5' 6"	5' 1"	4' 10"	5' 4"	4' 8"	4' 3"	4' 0"	3' 9"	5' 1"	4' 6"	4' 1"	3' 9"	3' 7"
250U050-54	50	Single	6' 5"	5' 7"	5' 1"	4' 9"	4' 6"	5' 7"	4' 11"	4' 6"	4' 2"	3' 11"	4' 4"	3' 10"	3' 6"	3' 3"	3' 1"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"
	50	Multiple	8' 2"	7' 2"	6' 6"	6' 1"	5' 9"	7' 2"	6' 3"	5' 9"	5' 4"	5' 0"	5' 7"	4' 10"	4' 5"	4' 2"	3' 11"	5' 4"	4' 8"	4' 3"	3' 11"	3' 9"

LIMITING U-CHANNEL CEILING SPANS (ft-in) - L/240

Specified Dead Loads			4 psf					6 psf					13 psf					15 psf				
Section Designation	F_y (ksi)	Span Type	Spacing (in.) o.c.					Spacing (in.) o.c.					Spacing (in.) o.c.					Spacing (in.) o.c.				
			24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
75U050-43	33	Single	3' 8"	3' 2"	2' 11"	2' 8"	2' 6"	3' 2"	2' 9"	2' 6"	2' 4"	2' 2"	2' 6"	2' 2"	1' 11"	1' 10"	1' 8"	2' 4"	2' 0"	1' 10"	1' 9"	1' 7"
	33	Multiple	4' 6"	3' 11"	3' 7"	3' 4"	3' 2"	3' 11"	3' 5"	3' 2"	2' 11"	2' 9"	3' 1"	2' 8"	2' 4"	2' 1"	1' 11"	2' 11"	2' 6"	2' 2"	2' 0"	1' 9"
75U050-54	50	Single	3' 10"	3' 4"	3' 1"	2' 10"	2' 8"	3' 4"	2' 11"	2' 8"	2' 6"	2' 4"	2' 7"	2' 3"	2' 1"	1' 11"	1' 9"	2' 6"	2' 2"	1' 11"	1' 10"	1' 8"
	50	Multiple	4' 9"	4' 2"	3' 9"	3' 6"	3' 4"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	3' 3"	2' 10"	2' 6"	2' 4"	2' 3"	3' 1"	2' 8"	2' 5"	2' 3"	2' 1"
150U050-43	33	Single	5' 2"	4' 6"	4' 1"	3' 10"	3' 7"	4' 6"	3' 11"	3' 7"	3' 4"	3' 2"	3' 6"	3' 1"	2' 10"	2' 7"	2' 6"	3' 4"	2' 11"	2' 8"	2' 6"	2' 4"
	33	Multiple	6' 7"	5' 9"	5' 3"	4' 10"	4' 7"	5' 9"	5' 0"	4' 7"	4' 3"	4' 0"	4' 5"	3' 11"	3' 7"	3' 4"	3' 1"	4' 3"	3' 9"	3' 5"	3' 2"	2' 11"
150U050-54	50	Single	5' 11"	5' 2"	4' 8"	4' 4"	4' 1"	5' 2"	4' 6"	4' 1"	3' 9"	3' 7"	4' 0"	3' 6"	3' 2"	2' 11"	2' 9"	3' 9"	3' 4"	3' 0"	2' 10"	2' 8"
	50	Multiple	7' 6"	6' 7"	6' 0"	5' 7"	5' 3"	6' 7"	5' 9"	5' 3"	4' 10"	4' 7"	5' 1"	4' 5"	4' 0"	3' 9"	3' 6"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"
200U050-54	50	Single	6' 2"	5' 5"	4' 11"	4' 7"	4' 4"	5' 5"	4' 9"	4' 4"	4' 0"	3' 9"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"
	50	Multiple	7' 11"	6' 11"	6' 3"	5' 10"	5' 6"	6' 11"	6' 0"	5' 6"	5' 1"	4' 10"	5' 4"	4' 8"	4' 3"	4' 0"	3' 9"	5' 1"	4' 6"	4' 1"	3' 9"	3' 7"
250U050-54	50	Single	6' 5"	5' 7"	5' 1"	4' 9"	4' 6"	5' 7"	4' 11"	4' 6"	4' 2"	3' 11"	4' 4"	3' 10"	3' 6"	3' 3"	3' 1"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"
	50	Multiple	8' 2"	7' 2"	6' 6"	6' 1"	5' 9"	7' 2"	6' 3"	5' 9"	5' 4"	5' 0"	5' 7"	4' 10"	4' 5"	4' 2"	3' 11"	5' 4"	4' 8"	4' 3"	3' 11"	3' 9"

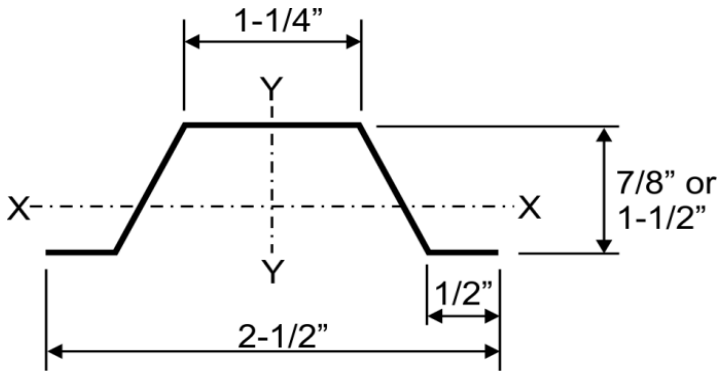
LIMITING U-CHANNEL CEILING SPANS (ft-in) - L/120

Specified Dead Loads			4 psf					6 psf					13 psf					15 psf				
Section Designation	F_y (ksi)	Span Type	Spacing (in.) o.c.					Spacing (in.) o.c.					Spacing (in.) o.c.					Spacing (in.) o.c.				
			24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
75U050-43	33	Single	4' 7"	4' 0"	3' 7"	3' 3"	3' 1"	4' 0"	3' 5"	3' 1"	2' 9"	2' 7"	2' 11"	2' 6"	2' 2"	2' 0"	1' 10"	2' 9"	2' 4"	2' 1"	1' 10"	1' 9"
	33	Multiple	5' 9"	5' 0"	4' 4"	3' 10"	3' 6"	5' 0"	4' 1"	3' 6"	3' 2"	2' 10"	3' 4"	2' 9"	2' 4"	2' 1"	1' 11"	3' 2"	2' 7"	2' 2"	2' 0"	1' 9"
75U050-54	50	Single	4' 11"	4' 3"	3' 10"	3' 7"	3' 4"	4' 3"	3' 9"	3' 4"	3' 2"	2' 11"	3' 3"	2' 10"	2' 7"	2' 5"	2' 3"	3' 2"	2' 9"	2' 6"	2' 3"	2' 2"
	50	Multiple	6' 0"	5' 3"	4' 9"	4' 5"	4' 2"	5' 3"	4' 7"	4' 2"	3' 10"	3' 8"	4' 1"	3' 6"	3' 2"	2' 10"	2' 7"	3' 10"	3' 5"	3' 0"	2' 8"	2' 5"
150U050-43	33	Single	5' 2"	4' 6"	4' 1"	3' 10"	3' 7"	4' 6"	3' 11"	3' 7"	3' 4"	3' 2"	3' 6"	3' 1"	2' 10"	2' 7"	2' 6"	3' 4"	2' 11"	2' 8"	2' 6"	2' 4"
	33	Multiple	6' 7"	5' 9"	5' 3"	4' 10"	4' 7"	5' 9"	5' 0"	4' 7"	4' 3"	4' 0"	4' 5"	3' 11"	3' 7"	3' 4"	3' 1"	4' 3"	3' 9"	3' 5"	3' 2"	2' 11"
150U050-54	50	Single	5' 11"	5' 2"	4' 8"	4' 4"	4' 1"	5' 2"	4' 6"	4' 1"	3' 9"	3' 7"	4' 0"	3' 6"	3' 2"	2' 11"	2' 9"	3' 9"	3' 4"	3' 0"	2' 10"	2' 8"
	50	Multiple	7' 6"	6' 7"	6' 0"	5' 7"	5' 3"	6' 7"	5' 9"	5' 3"	4' 10"	4' 7"	5' 1"	4' 5"	4' 0"	3' 9"	3' 6"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"
200U050-54	50	Single	6' 2"	5' 5"	4' 11"	4' 7"	4' 4"	5' 5"	4' 9"	4' 4"	4' 0"	3' 9"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"
	50	Multiple	7' 11"	6' 11"	6' 3"	5' 10"	5' 6"	6' 11"	6' 0"	5' 6"	5' 1"	4' 10"	5' 4"	4' 8"	4' 3"	4' 0"	3' 9"	5' 1"	4' 6"	4' 1"	3' 9"	3' 7"
250U050-54	50	Single	6' 5"	5' 7"	5' 1"	4' 9"	4' 6"	5' 7"	4' 11"	4' 6"	4' 2"	3' 11"	4' 4"	3' 10"	3' 6"	3' 3"	3' 1"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"
	50	Multiple	8' 2"	7' 2"	6' 6"	6' 1"	5' 9"	7' 2"	6' 3"	5' 9"	5' 4"	5' 0"	5' 7"	4' 10"	4' 5"	4' 2"	3' 11"	5' 4"	4' 8"	4' 3"	3' 11"	3' 9"

Hat (Furring) Ceiling Channel Span Tables

Notes

1. If present, hems and offsets in flanges are ignored.
2. Effective properties are the minimum for positive and negative bending.



Section Properties

Section Designation	F_y (ksi)	Base Design Thickness (in.)	Gross						Effective		
			Weight (lb/ft)	Area (in^2)	I_x (in^4)	r_x (in.)	I_y (in^4)	r_y (in.)	I_{xd} (in^4)	S_{xe} (in^3)	M_r (k-in)
087F125-18	33	0.0188	0.245	0.0721	0.00913	0.356	0.0360	0.707	0.00888	0.0162	0.482
087F125-27	33	0.0283	0.366	0.108	0.0133	0.352	0.0535	0.705	0.0133	0.0275	0.816
087F125-30	33	0.0312	0.402	0.118	0.0146	0.351	0.0587	0.705	0.0146	0.0310	0.919
087F125-33	33	0.0346	0.444	0.131	0.0160	0.350	0.0648	0.704	0.0160	0.0343	1.02
087F125-43	33	0.0451	0.573	0.168	0.0201	0.345	0.0832	0.703	0.0201	0.0432	1.28
087F125-54	50	0.0566	0.706	0.208	0.0240	0.340	0.102	0.702	0.0240	0.0515	2.32
150F125-18	33	0.0188	0.323	0.0950	0.0315	0.576	0.0466	0.700	0.0308	0.0346	1.03
150F125-27	33	0.0283	0.483	0.142	0.0464	0.572	0.0692	0.698	0.0464	0.0573	1.70
150F125-30	33	0.0312	0.532	0.156	0.0509	0.571	0.0760	0.697	0.0509	0.0644	1.91
150F125-33	33	0.0346	0.588	0.173	0.0560	0.569	0.0838	0.696	0.0560	0.0712	2.11
150F125-43	33	0.0451	0.760	0.224	0.0713	0.565	0.108	0.694	0.0713	0.0907	2.69
150F125-54	50	0.0566	0.940	0.276	0.0863	0.559	0.132	0.692	0.0863	0.110	4.94

Table Notes

1. Single spans are the minimum span based on moment, shear, web crippling, or deflection.
2. Multiple spans are for two or more equal continuous spans with span length measured from support to support.
3. Web crippling check is based on 1 in. of bearing at end and interior.
4. Multiple spans are the minimum span based on moment, shear, web crippling, combined bending and shear, combined bending and web crippling, or deflection.

LIMITING CEILING SPANS OF FURRING (HAT) CHANNELS (ft-in) - L/360

Specified Dead Loads			4 psf			6 psf			13 psf		
Section Designation	F_y (ksi)	Span Type	Spacing (in.) o.c.			Spacing (in.) o.c.			Spacing (in.) o.c.		
			12	16	24	12	16	24	12	16	24
087F125-18	33	Single	4' 7"	4' 2"	3' 7"	4' 0"	3' 7"	3' 2"	3' 1"	2' 9"	2' 5"
	33	Multiple	5' 8"	5' 1"	4' 6"	4' 11"	4' 6"	3' 11"	3' 9"	3' 5"	3' 0"
087F125-27	33	Single	5' 3"	4' 9"	4' 2"	4' 7"	4' 2"	3' 7"	3' 6"	3' 2"	2' 9"
	33	Multiple	6' 6"	5' 10"	5' 1"	5' 8"	5' 1"	4' 6"	4' 4"	3' 11"	3' 5"
087F125-30	33	Single	5' 4"	4' 11"	4' 3"	4' 8"	4' 3"	3' 9"	3' 7"	3' 3"	2' 10"
	33	Multiple	6' 8"	6' 0"	5' 3"	5' 10"	5' 3"	4' 7"	4' 6"	4' 1"	3' 6"
087F125-33	33	Single	5' 6"	5' 0"	4' 5"	4' 10"	4' 5"	3' 10"	3' 9"	3' 5"	2' 11"
	33	Multiple	6' 10"	6' 3"	5' 5"	6' 0"	5' 5"	4' 9"	4' 7"	4' 2"	3' 8"
087F125-43	33	Single	6' 0"	5' 5"	4' 9"	5' 3"	4' 9"	4' 2"	4' 0"	3' 8"	3' 2"
	33	Multiple	7' 5"	6' 9"	5' 10"	6' 6"	5' 10"	5' 1"	5' 0"	4' 6"	3' 11"
087F125-54	50	Single	6' 4"	5' 9"	5' 0"	5' 6"	5' 0"	4' 5"	4' 3"	3' 11"	3' 5"
	50	Multiple	7' 10"	7' 2"	6' 3"	6' 10"	6' 3"	5' 5"	5' 3"	4' 10"	4' 2"
150F125-18	33	Single	6' 11"	6' 3"	5' 6"	6' 0"	5' 6"	4' 9"	4' 8"	4' 3"	3' 8"
	33	Multiple	8' 7"	7' 9"	6' 9"	7' 6"	6' 9"	5' 11"	5' 9"	5' 3"	4' 7"
150F125-27	33	Single	7' 11"	7' 2"	6' 3"	6' 11"	6' 3"	5' 6"	5' 4"	4' 10"	4' 3"
	33	Multiple	9' 10"	8' 11"	7' 9"	8' 7"	7' 9"	6' 9"	6' 7"	6' 0"	5' 3"
150F125-30	33	Single	8' 2"	7' 5"	6' 6"	7' 2"	6' 6"	5' 8"	5' 6"	5' 0"	4' 4"
	33	Multiple	10' 1"	9' 2"	8' 0"	8' 10"	8' 0"	7' 0"	6' 10"	6' 2"	5' 5"
150F125-33	33	Single	8' 5"	7' 8"	6' 8"	7' 4"	6' 8"	5' 10"	5' 8"	5' 2"	4' 6"
	33	Multiple	10' 5"	9' 6"	8' 3"	9' 1"	8' 3"	7' 3"	7' 0"	6' 5"	5' 7"
150F125-43	33	Single	9' 2"	8' 4"	7' 3"	8' 0"	7' 3"	6' 4"	6' 2"	5' 7"	4' 11"
	33	Multiple	11' 4"	10' 3"	9' 0"	9' 11"	9' 0"	7' 10"	7' 8"	6' 11"	6' 1"
150F125-54	50	Single	9' 9"	8' 10"	7' 9"	8' 6"	7' 9"	6' 9"	6' 7"	6' 0"	5' 3"
	50	Multiple	12' 1"	11' 0"	9' 7"	10' 6"	9' 7"	8' 4"	8' 2"	7' 5"	6' 5"

LIMITING CEILING SPANS OF FURRING (HAT) CHANNELS (ft-in) - L/240

Specified Dead Loads			4 psf			6 psf			13 psf		
Section Designation	F_y (ksi)	Span Type	Spacing (in.) o.c.			Spacing (in.) o.c.			Spacing (in.) o.c.		
			12	16	24	12	16	24	12	16	24
087F125-18	33	Single	5' 3"	4' 9"	4' 2"	4' 7"	4' 2"	3' 7"	3' 6"	3' 2"	2' 9"
	33	Multiple	6' 5"	5' 10"	5' 1"	5' 8"	5' 1"	4' 6"	4' 4"	3' 10"	3' 1"
087F125-27	33	Single	6' 0"	5' 5"	4' 9"	5' 3"	4' 9"	4' 2"	4' 0"	3' 8"	3' 2"
	33	Multiple	7' 5"	6' 9"	5' 10"	6' 6"	5' 10"	5' 1"	5' 0"	4' 6"	3' 11"
087F125-30	33	Single	6' 2"	5' 7"	4' 11"	5' 4"	4' 11"	4' 3"	4' 2"	3' 9"	3' 3"
	33	Multiple	7' 7"	6' 11"	6' 0"	6' 8"	6' 0"	5' 3"	5' 2"	4' 8"	4' 1"
087F125-33	33	Single	6' 4"	5' 9"	5' 0"	5' 6"	5' 0"	4' 5"	4' 3"	3' 11"	3' 5"
	33	Multiple	7' 10"	7' 2"	6' 3"	6' 10"	6' 3"	5' 5"	5' 3"	4' 10"	4' 2"
087F125-43	33	Single	6' 10"	6' 3"	5' 5"	6' 0"	5' 5"	4' 9"	4' 7"	4' 2"	3' 8"
	33	Multiple	8' 6"	7' 9"	6' 9"	7' 5"	6' 9"	5' 10"	5' 9"	5' 2"	4' 6"
087F125-54	50	Single	7' 3"	6' 7"	5' 9"	6' 4"	5' 9"	5' 0"	4' 11"	4' 5"	3' 11"
	50	Multiple	9' 0"	8' 2"	7' 2"	7' 10"	7' 2"	6' 3"	6' 1"	5' 6"	4' 10"
150F125-18	33	Single	7' 11"	7' 2"	6' 3"	6' 11"	6' 3"	5' 6"	5' 4"	4' 10"	4' 3"
	33	Multiple	9' 9"	8' 11"	7' 9"	8' 7"	7' 9"	6' 9"	6' 6"	5' 7"	4' 7"
150F125-27	33	Single	9' 1"	8' 3"	7' 2"	7' 11"	7' 2"	6' 3"	6' 1"	5' 7"	4' 10"
	33	Multiple	11' 3"	10' 2"	8' 11"	9' 10"	8' 11"	7' 9"	7' 7"	6' 11"	5' 10"
150F125-30	33	Single	9' 4"	8' 6"	7' 5"	8' 2"	7' 5"	6' 6"	6' 4"	5' 9"	5' 0"
	33	Multiple	11' 7"	10' 6"	9' 2"	10' 1"	9' 2"	8' 0"	7' 10"	7' 1"	6' 2"
150F125-33	33	Single	9' 8"	8' 9"	7' 8"	8' 5"	7' 8"	6' 8"	6' 6"	5' 11"	5' 2"
	33	Multiple	12' 0"	10' 10"	9' 6"	10' 5"	9' 6"	8' 3"	8' 1"	7' 4"	6' 5"
150F125-43	33	Single	10' 6"	9' 6"	8' 4"	9' 2"	8' 4"	7' 3"	7' 1"	6' 5"	5' 7"
	33	Multiple	13' 0"	11' 9"	10' 3"	11' 4"	10' 3"	9' 0"	8' 9"	7' 11"	6' 11"
150F125-54	50	Single	11' 2"	10' 2"	8' 10"	9' 9"	8' 10"	7' 9"	7' 6"	6' 10"	6' 0"
	50	Multiple	13' 10"	12' 7"	11' 0"	12' 1"	11' 0"	9' 7"	9' 4"	8' 6"	7' 5"

LIMITING CEILING SPANS OF FURRING (HAT) CHANNELS (ft-in) - L/120

Specified Dead Loads			4 psf			6 psf			13 psf		
Section Designation	F_y (ksi)	Span Type	Spacing (in.) o.c.			Spacing (in.) o.c.			Spacing (in.) o.c.		
			12	16	24	12	16	24	12	16	24
087F125-18	33	Single	6' 7"	6' 0"	5' 3"	5' 9"	5' 3"	4' 7"	4' 5"	3' 10"	3' 1"
	33	Multiple	7' 11"	6' 11"	5' 8"	6' 6"	5' 8"	4' 7"	4' 5"	3' 10"	3' 1"
087F125-27	33	Single	7' 6"	6' 10"	6' 0"	6' 7"	6' 0"	5' 3"	5' 1"	4' 7"	4' 0"
	33	Multiple	9' 4"	8' 6"	7' 2"	8' 2"	7' 2"	5' 11"	5' 9"	5' 0"	4' 1"
087F125-30	33	Single	7' 9"	7' 1"	6' 2"	6' 9"	6' 2"	5' 4"	5' 3"	4' 9"	4' 2"
	33	Multiple	9' 7"	8' 9"	7' 7"	8' 5"	7' 7"	6' 3"	6' 0"	5' 3"	4' 4"
087F125-33	33	Single	8' 0"	7' 3"	6' 4"	7' 0"	6' 4"	5' 6"	5' 5"	4' 11"	4' 3"
	33	Multiple	9' 11"	9' 0"	7' 10"	8' 8"	7' 10"	6' 6"	6' 3"	5' 6"	4' 6"
087F125-43	33	Single	8' 8"	7' 10"	6' 10"	7' 7"	6' 10"	6' 0"	5' 10"	5' 3"	4' 7"
	33	Multiple	10' 8"	9' 9"	8' 6"	9' 4"	8' 6"	7' 3"	6' 11"	6' 0"	5' 0"
087F125-54	50	Single	9' 2"	8' 4"	7' 3"	8' 0"	7' 3"	6' 4"	6' 2"	5' 7"	4' 11"
	50	Multiple	11' 4"	10' 4"	9' 0"	9' 11"	9' 0"	7' 10"	7' 8"	6' 11"	6' 1"
150F125-18	33	Single	10' 0"	9' 1"	7' 11"	8' 9"	7' 11"	6' 9"	6' 6"	5' 7"	4' 7"
	33	Multiple	11' 8"	10' 1"	8' 3"	9' 6"	8' 3"	6' 9"	6' 6"	5' 7"	4' 7"
150F125-27	33	Single	11' 6"	10' 5"	9' 1"	10' 0"	9' 1"	7' 11"	7' 9"	7' 0"	5' 10"
	33	Multiple	14' 2"	12' 10"	10' 7"	12' 3"	10' 7"	8' 8"	8' 4"	7' 2"	5' 10"
150F125-30	33	Single	11' 10"	10' 9"	9' 4"	10' 4"	9' 4"	8' 2"	8' 0"	7' 3"	6' 3"
	33	Multiple	14' 7"	13' 3"	11' 3"	12' 9"	11' 3"	9' 2"	8' 10"	7' 8"	6' 3"
150F125-33	33	Single	12' 2"	11' 1"	9' 8"	10' 8"	9' 8"	8' 5"	8' 3"	7' 6"	6' 6"
	33	Multiple	15' 1"	13' 8"	11' 8"	13' 2"	11' 8"	9' 8"	9' 3"	8' 0"	6' 7"
150F125-43	33	Single	13' 3"	12' 0"	10' 6"	11' 7"	10' 6"	9' 2"	8' 11"	8' 1"	7' 1"
	33	Multiple	16' 4"	14' 10"	12' 11"	14' 3"	12' 11"	10' 8"	10' 3"	8' 11"	7' 4"
150F125-54	50	Single	14' 1"	12' 10"	11' 2"	12' 4"	11' 2"	9' 9"	9' 6"	8' 8"	7' 6"
	50	Multiple	17' 5"	15' 10"	13' 10"	15' 3"	13' 10"	12' 1"	11' 9"	10' 8"	9' 4"

APPENDIX A: PRODUCT SIZES AND SPECIFICATIONS

A1. BASE STEEL THICKNESS

Products shall be cold-formed to shape from sheet steel with a steel thickness listed in Table A1-1. *Product* base steel thickness shall be referenced to the corresponding designation thickness. Minimum base steel thickness must be considered when ordering coated sheet steel. *Manufacturers* of *non-structural* members (NS) who can show third-party testing in accordance with ICC-ES AC86, and conform to the limiting height tables in ASTM C754, need not meet the minimum base steel thickness limitation set forth in Table A1-1 (a) and (b). Galvanized and Aluminum-Zinc Alloy coated thicknesses may be substituted upon application and values provided should serve as a guide to the designer.

Table A1-1 (a): Thickness and Coatings (Imperial)

Designation Thickness	Min. Base Steel Thickness, in.	Design Thickness in.	Galvanized Coated Thickness			Aluminum-Zinc Alloy Coated Thickness
			G40: 0.0007”	G60: 0.0010”	G90: 0.0015”	AZ50: 0.0016”
18	0.0179	0.0188	0.0186 / 0.0216	0.0189/0.0219	0.0194/0.0224	0.0194/0.224
27	0.0269	0.0283	0.0276 / 0.0316	0.0279/0.0319	0.0284/0.0324	0.0284/0.0324
30	0.0296	0.0312	0.0303 / 0.0343	0.0306/0.0346	0.0311/0.0351	0.0311/0.0351
33	0.0329	0.0346	N/A	0.0339/0.0379	0.0344/0.384	0.0344/0.0384
43	0.0428	0.0451	N/A	0.0438/0.0478	0.0443/0.0483	0.0443/0.0483
54	0.0538	0.0566	N/A	0.0548/0.0598	0.0553/0.0603	0.0553/0.0603
68	0.0677	0.0713	N/A	0.0687/0.0747	0.0692/0.0752	0.0692/0.0752
97	0.0966	0.1017	N/A	0.0976/0.1046	0.0981/0.1051	0.0981/0.1051

Notes:
1. Values provided (under Galvanized and Aluminum-Zinc Alloy Coated Thickness), include both coating and base steel thickness.
2. Coating thicknesses provided are approximate minimum based on coating weight test requirements. Contact steel supplier for more information.
3. Base steel thickness = 95% of Design thickness.
4. For galvanized coating requirements, see ASTM A653.
5. For aluminum-zinc alloy coating requirements, see ASTM A792.
6. For coated thickness tolerances, see ASTM A924.

Table A1-1 (b): Thickness and Coatings (Metric)						
Designation Thickness	Min. Base Steel Thickness, mm	Design Thickness, mm	Galvanized Coated Thickness			Aluminum-Zinc Alloy Thickness
			Z120: 0.018 mm	Z180: 0.025 mm	Z275: 0.038 mm	AZM150: 0.038 mm
18	0.455	0.478	0.472/0.549	0.480/0.556	0.493/0.569	0.493/0.569
27	0.683	0.719	0.701/0.803	0.709/0.810	0.721/0.823	0.721/0.823
30	0.752	0.792	0.770/0.871	0.777/0.879	0.790/0.892	0.790/0.892
33	0.836	0.879	N/A	0.861/0.963	0.874/0.975	0.874/0.975
43	1.087	1.146	N/A	1.113/1.214	1.125/1.227	1.125/1.227
54	1.367	1.438	N/A	1.392/1.519	1.405/1.532	1.405/1.532
68	1.720	1.811	N/A	1.745/1.897	1.758/1.910	1.758/1.910
97	2.454	2.583	N/A	2.479/2.657	2.492/2.670	2.492/2.670

Notes:
1. Values provided (under Galvanized and Galvalume Coated Thickness), include both coating and base steel thickness.
2. Coating thickness may exceed values provided. Contact steel supplier for more information.
3. Base steel thickness = 95% of Design thickness.
4. For galvanized coating requirements, see ASTM A653M.
5. For aluminum-zinc alloy coating requirements, see ASTM A792M.
6. For coating thickness tolerances, see ASTM A924M.

A2. MATERIAL SPECIFICATION

Products shall be cold-formed to shape from sheet steel in compliance with the requirements AISI S220 or AISI S240 (and supplements) as applicable. The design yield stress of the material shall be related to the thickness as listed in Table A2-1. The applicable yield stress (metric or imperial units) is based on how the *Manufacturer* orders steel from the steel supplier. *Non-Structural* (NS) members may have a design yield stress greater than 33 ksi (230 MPa) if the *Product* satisfies the applicable requirements of ASTM C645.

Table A2-1: Design Yield Stress		
Designation Thickness	Design Yield Stress	
	(ksi)	(MPa)
NS	By Manufacturer	
18	33	230
33	33	230
43	33	230
54	50	345
68	50	345
97	50	345

A3. PRODUCT COATING

Products shall comply with the minimum metallic coating weight [mass] requirements shown in Table A3-1.

Table A3-1: Coating Weight [Mass] Requirements (Metallic Coatings)

Member Type	Coating Designation
Structural	G60 [Z180][A] AZ50 [AZM150][B]
Non-Structural	G40 [Z120][A] AZ50 [AZM150][B]

[A] Zinc-coated steel sheet as described in ASTM Specification A653/A653M.
[B] 55% aluminum-zinc alloy-coated steel sheet as described in ASTM Specification A792/A792M.

A4. PRODUCT DESIGNATOR

References to *Structural* and *Non-Structural Product*s shall use a four-part *Product* designator that identifies the size (both web depth and flange width), style, and thickness. The standard designator as described (i.e., based on Imperial units) shall be used for either Imperial or SI Metric units. The *Product* designator shall consist of the following sequential codes:

A three- or four-digit numeral indicating member web depth in 1/100 inch.

A letter indicating:

S = Stud or joist framing member which has lips
T = Track section
U= U Channel
F= Furring Channel

A three-digit numeral indicating flange width in 1/100 inch, followed by a dash, and

A two- or three-digit numeral dictating designation thickness.

A5. PRODUCT SIZES

All sections listed in this document, LIGHTWEIGHT STEEL FRAMING, Member Selection Guide and Tables, are assumed as a standard shape which includes Studs (Joists), Tracks, Ceiling Channels, U Channels and Furring (Hat) Channels. *Structural* members have a thickness of 33 to 97 mils.

A6. TOLERANCES

A6.1 Studs and tracks

Structural members shall comply with the manufacturing tolerances in AISI S240 (listed in Table A6-1, and illustrated in Figure A6-1). *Non-Structural members* shall comply with the manufacturing tolerances in AISI S220 (listed in Table A6-2, and illustrated in Figure A6-1). All measurements shall be taken not less than 1 ft (305 mm) from the end of the member.

Figure A6 1: Tolerance Measurements

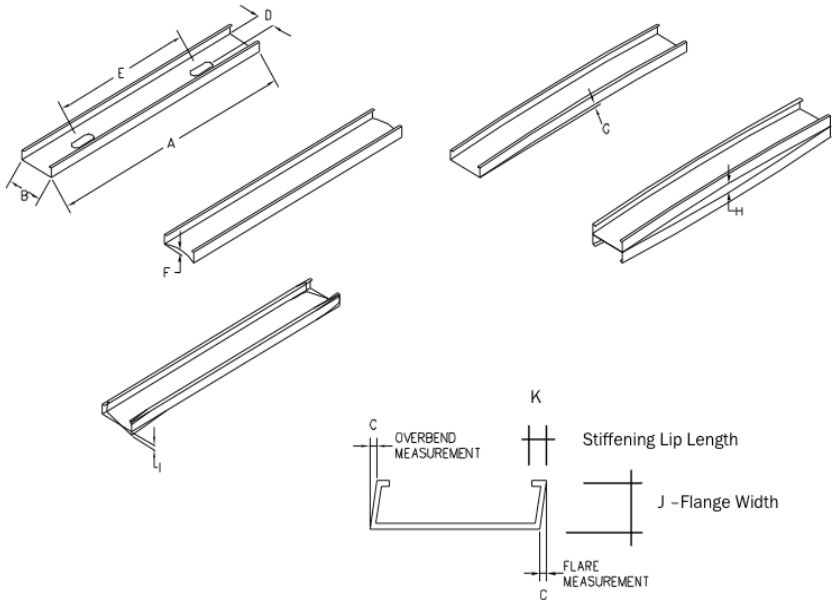


Table A6-1: Manufacturing Tolerances for Structural Members			
Dimension[1]	**Item Checked**	**Studs, in. (mm)**	**Tracks, in. (mm)**
A	Length	+3/32 (2.38)	+ 1/2 (12.7)
		-3/32 (2.38)	-1/4 (6.35)
B[2]	Web Depth	+1/32 (0.79)	+1/32 (0.79)[4]
		-1/32 (0.79)	+1/8 (3.18)[4]
C	Flare	+1/16 (1.59)	+0 (0)
	Overbend	-1/16 (1.59)	-3/32 (2.38)
D	Hole Centre Width	+1/16 (1.59)	NA
		-1/16 (1.59)	NA
E	Hole Centre Length	+1/4 (6.35)	NA
		-1/4 (6.35)	NA
F	Crown	+1/16 (1.59)	+1/16 (1.59)
		-1/16 (1.59)	-1/16 (1.59)
G[3]	Camber	1/8 per 10 ft (3.13 per 3 m)	1/32 per ft (2.60 per m)
			1/2 max (12.7)
H[3]	Bow	1/8 per 10 ft (3.13 per 3 m)	1/32 per ft (2.60 per m)
			1/2 max (12.7)
I	Twist	1/32 per ft (2.60 per m)	1/32 per ft (2.60 per m)
		1/2 max (12.7)	1/2 max (12.7)
J	Flange Width	+1/8 (3.18)	+1/4 (6.35)
		-1/16 (1.59)	-1/16 (1.59)
K	Stiffening Lip Length	+1/8 (3.18)	NA
		-1/32 (0.79)	

[1] All measurements are taken not less than 1 ft (305 mm) from the end.
[2] Outside dimension for *stud*; inside for *track*.
[3] 1/8 inch per 10 feet represents L/960 maximum for overall camber and bow. Thus, a 20-foot-long member has 1/4 inch permissible maximum; a 5-foot-long member has 1/16-inch permissible maximum.
[4] The two over-tolerances are needed to ensure the stud depth is never greater than the track depth.

Table A6-2: Manufacturing Tolerances for Non-Structural Members			
Dimension[1]	**Item Checked**	**Studs, in. (mm)**	**Tracks, in. (mm)**
A	Length	+1/8 (3.18)	+ 1(25.40)
		-1/4 (6.35)	-1/4 (6.35)
B[2]	Web Depth	+1/32 (0.79)	+1/8 (3.18)
		-1/32 (0.79)	-0 (0)
C	Flare	+1/16 (1.59)	+0 (0)
	Overbend	-1/16 (1.59)	-3/16 (4.76)
D	Hole Centre Width	+1/8 (3.18)	NA
		-1/8 (3.18)	NA
E	Hole Centre Length	+1/4 (6.35)	NA
		-1/4 (6.35)	NA
F	Crown	+1/8 (3.18)	+ 1/8 (3.18)
		-1/8 (3.18)	- 1/8 (3.18)
G[3]	Camber	1/32 per ft (2.6 per m)	1/32 per ft (2.6 per m)
		1/2 max (12.7)	1/2 max (12.7)
H[3]	Bow	1/32 per ft (2.6 per m)	1/32 per ft (2.6 per m)
		1/2 max (12.7)	1/2 max (12.7)
I	Twist	1/32 per ft (2.6 per m)	1/32 per ft (2.6 per m)
		1/2 max (12.7)	1/2 max (12.7)
J	Flange Width	+1/8 (3.18)	+1/2 (12.7)
		-1/16 (1.59)	-1/16 (1.59)
K	Stiffening Lip Length	+1/8 (3.18)	NA
		-1/32 (0.79)	

1 All measurements shall be taken not less than 1 ft (305 mm) from the end.

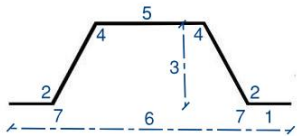
2 Outside dimension for *stud*; inside for *track*.

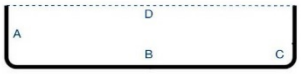
3 1/8 inch per 10 feet represents L/960 maximum for overall camber and bow. Thus, a 20-foot-long member has 1/4 inch permissible maximum; a 5-foot-long member has 1/16-inch permissible maximum.

A6.2 Furring and U Channels

Furring and U Channels shall comply with dimensions and manufacturing tolerances shown in Table A6-3.

Table A6-3: Manufacturing Tolerances for U- and Furring Channels

Product	Item Checked	Dimension [1] in (mm)	Min. Tolerance in (mm)	Max. Tolerance in (mm)
Furring Channel 	1- Foot	1/2 (12.7)	-1/16 (-1.59)	+1/16 (+1.59)
	2- Angle	77°	-8° (10%)	+8° (+10%)
	3- Height	7/8,1 ½ (22,38)	-1/16 (-1.59)	+1/16 (+1.59)
	4- Angle	77°	-8° (10%)	+8° (+10%)
	5- Top Flange	1 ¼ (31.8)	-1/16 (-1.59)	+1/4 (+6.4)
	6- Overall Width	2 ½ (63.5)	-1/16 (-1.59)	+1/4 (+6.4)
	7- Radius	18 Mils[2] 0.0938 (2.38)	-1/16 (-1.59)	+1/16 (+1.59)
		27 Mils[2] 0.0796 (2.02)	-1/16 (-1.59)	+3/32 (+2.38)
		30 Mils[2] 0.0781 (1.98)		
		33 Mils[2] 0.0764 (1.94)		
		43 Mils[2] 0.0712 (1.81)		
		54 Mils[2] 0.0849 (2.16)		

Product	Item Checked	Dimension [1] in (mm)	Min. Tolerance in (mm)	Max. Tolerance in (mm)
U Channel 	A-Leg	½ ,¾ (12.7,19.1)	-1/16 (-1.59)	+1/16 (+1.59)
	B-Web	¾ (19.1)	-1/16 (-1.59)	+0
		1 ½ (38.1)		
		2 (50.8)		
		2 ½ (63.5)		
	C- Radius	3/32 (2.38)	-1/16 (-1.59)	+3/32 (+2.38)
	D-Web	¾ (19.1)	-1/16 (-1.59)	+0
		1 ½ (38.1)		
		2 (50.8)		
		2 ½ (63.5)		
	Length	As per order	-1/8”	+1/2”

[1] All measurements shall be taken not less than 1 ft (305 mm) from the end.

[2] Steel thickness refers to design thickness.

A7. INSIDE BEND RADIUS

The size of the inside bend radius used for design shall comply with the requirements shown in Table A7-1.

Table A7-1: Design Inside Bend Radius

Designation Thickness	Design Thickness, t (in.)	Inside Bend Radius (in.)	Inside Bend Radius (mm)	Tolerance
NS	Manufacturer’s requirement	Greater of 1.5t or (3/32-t/2)	Greater of 1.5t or (2.38-t/2)	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
18	0.0188	0.0938	2.381	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
27	0.0283	0.0796	2.022	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
30	0.0312	0.0781	1.984	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
33	0.0346	0.0764	1.941	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
43	0.0451	0.0712	1.808	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
54	0.0566	0.0849	2.156	-1/16 in. + 3/32 in. (-1.59 mm + 2.38 mm)
68	0.0713	0.1069	2.715	- 3/32 in. + 1/16 in. (- 2.38 mm + 1.59 mm)
97	0.1017	0.1525	3.874	- 3/32 in. + 1/16 in. (- 2.38 mm + 1.59 mm)

A8. LIP LENGTH

The lip length on a stud or joist shall be related to the flange width as listed in Table A8-1.

Table A8-1: Design Lip Length for Studs and Joists (C Sections)

Section	Flange Width		Design Lip Length	
	(inch)	(mm)	(inch)	(mm)
S125	1-1/4	31.8	3/16	4.8
S162	1-5/8	41.3	1/2	12.7
S200	2	50.8	5/8	15.9
S250	2-1/2	63.5	5/8	15.9
S300	3	76.2	5/8	15.9
S350	3 1/2	88.9	1	25.4

A9. PUNCHOUTS

Unless specified otherwise by the *Manufacturer*, factory punchouts (perforations) shall comply with the following conditions:

1. Punchouts shall be spaced along the centreline of the web of the framing member;
2. Punchouts shall have a centre-to-centre spacing of 24 inches (610 mm) or higher;
3. Punchouts shall have a width not greater than half the member depth or 2-1/2 inches (63.5 mm), whichever is less;
4. Punchouts shall have a length not exceeding 4-1/2 inches (114 mm); and
5. The distance from the centre of the last punchout to the end of the member shall not be less than 12 inches (305 mm), unless otherwise specified and addressed.

Any configuration or combination of holes that fits within the punchout width and length limitations is permitted.

A10. COMPLIANCE, LABELS AND MARKINGS

All individual certified *Products* shall have either a permanent legible compliance label or compliance marking (a legible and permanent label, stencil, stamp, marking, etching, engraving or embossment) on the member and shall follow CSSBI 61-2024: Product Certification Standard – Cold Formed Steel Framing Members. The compliance marking shall not damage the properties of the *Product*. The compliance label or marking shall have the following information (in order):

1. The initials “CSSBI/ICTAB 61”.
2. The Administrator’s approved unique and plant specific manufacturer’s plant identification code, minimum of two (2) characters, and maximum of 4 characters followed by

unique plant designator for multiple plants, if applicable (max. 3 characters).
Example 1: XYZ identifies a manufacturer's unique plant
Example 2: XYZ(XXX) identifies a multiple plant company XYZ with the specific plant location identified as XXX.

3. Product Designator (refer to Section Designation under corresponding Section Properties).
4. The designation steel thickness (in Mils) exclusive of protective coatings; for non-structural studs less than 18mils the actual thickness in inches shall be used to 4 decimal places (xxxx) (e.g. for 0.0150" the thickness shall be shown as 0150).
5. Non-Structural Designator (marked if applicable): NS.
6. Yield Stress of product in ksi (XX ksi).
7. Coating Designation (imperial) (refer to Table A3-1).
8. A reference number identifying the source coil.

CSSBI/ICTAB 61-XYZ(XXX) Product Designator-Thickness NS YS ksi Coating Coil #

Example 1: "CSSBI/ICTAB 61-XYZ 362T125-33 33ksi G60 ABCD"

A track with designation of 362T125 with a thickness of 33 mils, a yield stress of 33 ksi, with a coating designation of G60, made from coil ABCD and manufactured by the CSSBI 61:24 certified plant XYZ.

Example 2: "CSSBI/ICTAB 61-XYZ(001) 362S125-54 50ksi AZ50 01234"

A structural steel stud of designation 362S125 with a thickness of 54 mils, a yield stress of 50 ksi, with a coating designation of AZ50, made from coil 01234 and manufactured by the manufacturer XYZ at the CSSB 61:24 certified plant 001.

Example 3: "CSSBI/ICTAB 61-XYZ 250S125-0150 NS 33ksi G40 ABCD"

A non-structural stud that has been engineered and tested by the manufacturer in accordance to ICC-ES AC86 with designation of 250S125 with a thickness of 0.0150 inches, identified as non-structural (NS), a yield stress of 33 ksi, with a coating designation of G40, made from coil ABCD and manufactured by the CSSBI 61:24 certified plant XYZ.