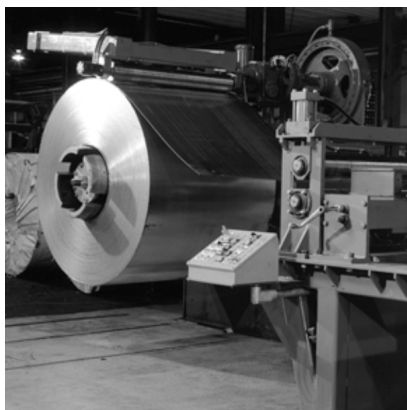
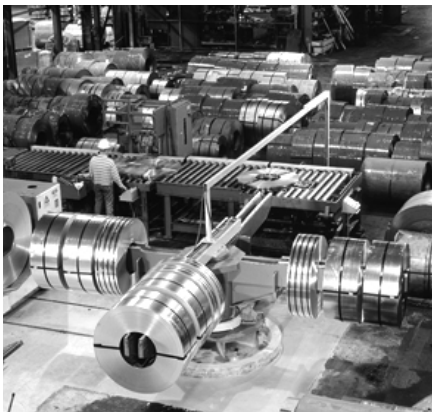
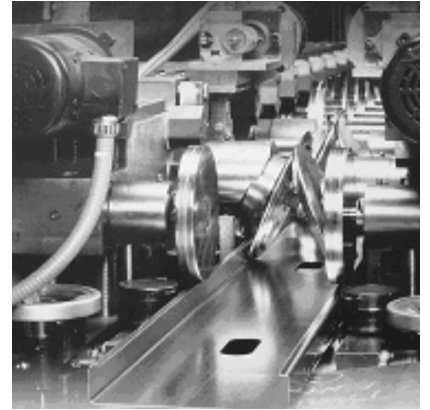
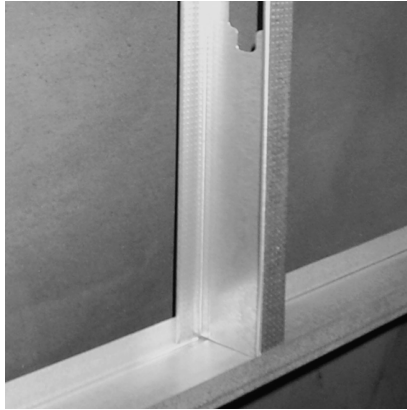




MRI STEEL FRAMING LLC



Production Facility

Great Lakes Industrial Center
201 Mississippi Street
Gary, IN 46402
Voice 630-616-1850
Fax 219-886-3341

Corporate Office

15 Salt Creek Lane
Suite 412
Hinsdale, IL 60521
Voice 630-616-1850
Fax 630-568-5979

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STEEL FRAMING COMPONENTS DIVISION

Metal Resources Incorporated (MRI) proudly announced the formation of its Steel Framing Components Division in February 2004 with its production facility located in Bensenville, Illinois. We have just recently expanded this Division with the addition of our 3rd and 4th roll formers, a B & K Light Gauge Supermill and our new state of the art B & K Accessory Supermill. This new equipment not only doubles our production capacity but also gives us the ability to produce a full range of metal framing accessories. Our Supermills produce stud and track from 25 gauge drywall to 12 gauge structural at high speeds with quick changeover. We can manufacture any web size from 1-5/8" to 14" and leg lengths from 1" to 3". Our accessory line produces Furring Channel, RC-1, Z-Furring Channel, U-Channel and Rolled Angles.

MRI has been in the flat rolled steel industry for over twelve years and has facilities and equipment that are currently handling and producing over 200,000 tons of slit steel coil annually.

An outline of products being produced and offered for sale as well as section property and load tables follows.

METAL STRUCTURAL STUD AND TRACK

Metal Resources produces a complete range of structural stud and track profiles from 20 gauge down to 12 gauge with web sizes from 2½" to 14", leg lengths from 1" to 3" and up to 7/8" lip.

Other product configurations are available upon request. Custom lengths and quantities are available as requested. Delivered and/or pick-up pricing available.

METAL DRYWALL STUD WITH SPRINKLER PIPE KNOCKOUTS

MRI also produces metal drywall stud (3-5/8" & 6"; 25, 22 & 20 Gauge) with standard knockouts every 24" plus 2-1/4" x 6" knockouts to accommodate sprinkler pipes punched out at the end of the web or offset as requested from end of web.

Custom lengths and quantities are available as requested.

MATERIAL CERTIFICATION AND SPECIFICATIONS

Metal Resources certifies that the metal stud and track manufactured by us complies with ASTM C-645 and ASTM C-955. Section property tables and load tables are included following.

Metal Resources manufactures products with a minimum yield stress of 33 ksi or 50 ksi. Product technical data contained in this brochure is based on the AISI "Specification for the Design of Cold-Formed Steel Structural Members", 1996 edition. Allowable stress design has been used throughout the tables.

Only "Mill Certified Steel" is utilized in the production process, which results in the highest quality products available. Copies of steel mill certificates are available upon request.

The property and load tables contained in this brochure have been reviewed and certified by a professional engineer with significant experience in cold-formed metal framing. Stamped copies of each table showing conformance with the referenced AISI documents are available upon request.

All specifications, data and details contained in this publication are intended as a general guide for using Metal Resources products. These products should not be used in design or construction without an independent evaluation by a qualified engineer or architect to verify the suitability of a particular product for use in a specific application. MRI assumes no liability for failure resulting from the use or misapplication of computations, detail drawings and specifications contained herein. This publication contains the latest information available at the time of printing. Metal Resources reserves the right to make modifications and/or change materials of any of our products without prior notice or obligation.

MATERIAL CERTIFICATION

Metal Resources, Inc. certifies that Metal Resources building products are manufactured to meet or exceed all applicable standards listed below:

Design Specification (AISI)

The Specification for the Design of Cold Formed Steel Structural Members.

Material Specification (ASTM)

Drywall Nonstructural Framing Members & Accessories	A1003
Structural Framing Members & Accessories	A1003
Beads & Trims (Metal, Paper, Vinyl)	A653/A591

Product Specification (ASTM)

Drywall Nonstructural Framing Members & Accessories	C645
Structural Framing Members & Accessories	C955
Beads & Trims (Metal, Paper, Vinyl)	C1047

Coating Specification (ASTM)

Drywall Nonstructural Framing Members & Accessories (G40 Min)	A1003/C645
Structural Framing Members & Accessories (G60 Min)	A1003/C955
Beads & Trims (Metal, Paper, Vinyl)	A653/A591

Additional Information

Material Safety Data Sheets (MSDS) are available upon request.

ASTM Specification Descriptions

A1003
Standard specification for steel sheet, carbon, metallic- and nonmetallic-coated for cold formed framing members.

A653
Standard specification for sheet steel, zinc-coated (galvanized) or zinc-iron alloy coated (galvannealed) by hot-dip process.

A591
Standard specification for steel sheet, electrolytic zinc-coated, for light coating weight (mass) applications.

C645
Standard specification for nonstructural steel framing members.

C955
Standard specification for load-bearing (transverse and axial) steel studs, runners (tracks), and bracing or bridging for screw application of gypsum panel products and metal plaster bases.

C1047
Standard specification for accessories for gypsum wallboard and gypsum veneer base.

PRODUCT IDENTIFICATION

All products have a four part section/member identification code which identifies the size (web and leg width), type and material thickness of each member.

Example: 362 S 125 – 18

<u>362</u>	Web width	3-5/8" = 362 x 1/100 inches. All web widths are taken in 1/100 inches. For all "T" sections member web is the inside to inside dimension.
<u>S</u>	Type	S = Stud or Joist sections; T = Track sections.
<u>125</u>	Leg width	1-1/4" = 125 x 1/100 inches. All leg widths are taken in 1/100 inches.
<u>18</u>	Metal thickness	0.018 in. = 18 mils; 1 mil = 1/1000 inch. Metal thickness is the minimum base metal thickness in mils. Minimum base metal thickness represents 95% of design thickness.

GENERAL PRODUCT INFORMATION

Design Stiffening Lip Length

Section	Flange Width	Stiffening Lip Length (in)
S125	1-1/4"	0.188
S137	1-3/8"	0.375
S162	1-5/8"	0.500
S200	2"	0.625
S250	2-1/2"	0.625

Thickness - Steel Components

Minimum Thickness ¹ (mils)	Design Thickness (in)	Inside Corner Radii (in)	Reference Only Gauge No.
18	0.0188	0.093	25
27	0.0283	0.093	22
30	0.0312	0.093	20 - Drywall
33	0.0346	0.093	20 - Structural
43	0.0451	0.093	18
54	0.0566	0.093	16
68	0.0713	0.093	14
97	0.1017	0.093	12

¹ Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness based on Section A3.4 of the 1996 AISI Specification.

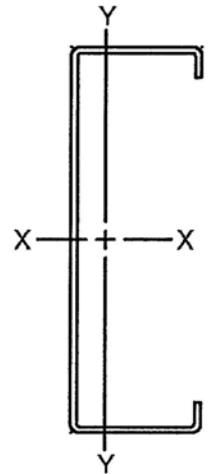
Definitions of Structural Property Symbols

Gross Properties

- I_{xx}: Gross moment of inertia about the X-X axis (strong axis).
- R_x: Gross radius of gyration about the X-X axis.
- I_{yy}: Gross moment of inertia about the Y-Y axis (weak axis).
- R_y: Gross radius of gyration about the Y-Y axis.

Effective Properties

- I_{xx}: Effective moment of inertia about the X-X axis to be used for deflection calculations (based on Procedure 1 of the AISI Specification).
- S_{xx}: Effective section modulus about the X-X axis at yield stress, F_y .
- M_a: Allowable bending moment about the X-X axis. M_a includes the stress increase from cold-work of forming (AISI A7.2) where applicable.
- V_a: Allowable shear force.
- Y_{cg}: Center of gravity of the effective section measured from the outside of the compression flange along the Y-Y axis.



Torsional Properties

- J: St. Venant Torsional Constant.
- C_w: Torsional warping constant of the cross-section.
- X_o: Distance from shear center to the centroid along the principal X-axis.
- R_o: Polar radius of gyration of the full cross-section about the shear center.
- β : Coefficient: $1 - (X_o/R_o)^2$

METAL RESOURCES, INC.
STEEL FRAMING COMPONENTS

LIMITING WALL HEIGHT TABLES --- NON-COMPOSITE

Table Notes

1. Effective Properties based on AISI "Specification for the Design of Cold-Formed Steel Structural Members" 1996 edition, except 2.5" studs use punchout provisions of the 1999 Supplement to the AISI Specification.
2. Standard knockout dimensions are 1-1/2" wide x 3-1/2" long for all members except 162S125-XX which are .75" wide and 2.75" long. All members have a minimum center to center spacing of 24".
3. Lateral load multiplied by 0.75 for strength determination per AISI A5.1.3.
4. Check lateral end reactions for web crippling.
5. Limiting heights are based on continuous support of each flange over the full length of the stud.
6. Heights are based on steel properties only.
7. All properties, except 162S125-XX, are based on inside corner radius = 0.093 inches. Properties for 162S125-XX are based on inside corner radius = 0.060 inches.

Interior Non-Structural Non-Composite

Stud Member	Spacing (in) o.c.	5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162S125-18	12	9' 7"	7' 8"	6' 8"	8' 5"	6' 8"	5' 10"	7' 8"	6' 1"	5' 3"
162S125-18	16	8' 9"	6' 11"	6' 1"	7' 8"	6' 1"	5' 3"	6' 7"	5' 6"	4' 9"
162S125-18	24	7' 8"	6' 1"	5' 3"	6' 3"	5' 3"	4' 7"	5' 5"	4' 9"	4' 2"
162S125-27	12	11' 3"	8' 11"	7' 10"	9' 10"	7' 10"	6' 10"	8' 11"	7' 1"	6' 2"
162S125-27	16	10' 3"	8' 1"	7' 1"	8' 11"	7' 1"	6' 2"	8' 1"	6' 5"	5' 7"
162S125-27	24	8' 11"	7' 1"	6' 2"	7' 9"	6' 2"	5' 5"	6' 8"	5' 7"	4' 11"
162S125-30	12	11' 8"	9' 3"	8' 1"	10' 2"	8' 1"	7' 0"	9' 3"	7' 4"	6' 5"
162S125-30	16	10' 7"	8' 4"	7' 4"	9' 3"	7' 4"	6' 5"	8' 4"	6' 8"	5' 10"
162S125-30	24	9' 3"	7' 4"	6' 5"	8' 1"	6' 5"	5' 7"	7' 2"	5' 10"	5' 1"
162S125-33	12	12' 0"	9' 6"	8' 4"	10' 6"	8' 4"	7' 3"	9' 6"	7' 7"	6' 7"
162S125-33	16	10' 11"	8' 8"	7' 7"	9' 6"	7' 7"	6' 7"	8' 8"	6' 10"	6' 0"
162S125-33	24	9' 6"	7' 7"	6' 7"	8' 4"	6' 7"	5' 9"	7' 7"	6' 0"	5' 3"
250S125-18	12	13' 2"	10' 5"	9' 1"	10' 9"	9' 1"	7' 11"	9' 4"	8' 3"	7' 3"
250S125-18	16	11' 5"	9' 6"	8' 3"	9' 4"	8' 3"	7' 3"	8' 1"	7' 6"	6' 7"
250S125-18	24	9' 4"	8' 3"	7' 3"	7' 7"	7' 3"	6' 4"	6' 7"	6' 7"	5' 9"
250S125-27	12	15' 6"	12' 4"	10' 9"	13' 7"	10' 9"	9' 5"	11' 11"	9' 9"	8' 6"
250S125-27	16	14' 1"	11' 2"	9' 9"	11' 11"	9' 9"	8' 6"	10' 3"	8' 10"	7' 9"
250S125-27	24	11' 11"	9' 9"	8' 6"	9' 8"	8' 6"	7' 5"	8' 5"	7' 9"	6' 9"
250S125-30	12	16' 0"	12' 8"	11' 1"	14' 0"	11' 1"	9' 8"	12' 8"	10' 1"	8' 10"
250S125-30	16	14' 7"	11' 6"	10' 1"	12' 8"	10' 1"	8' 10"	11' 1"	9' 2"	8' 0"
250S125-30	24	12' 8"	10' 1"	8' 10"	10' 5"	8' 10"	7' 8"	9' 0"	8' 0"	7' 0"
250S125-33	12	16' 7"	13' 2"	11' 6"	14' 5"	11' 6"	10' 0"	13' 2"	10' 5"	9' 1"
250S125-33	16	15' 0"	11' 11"	10' 5"	13' 2"	10' 5"	9' 1"	11' 11"	9' 5"	8' 3"
250S125-33	24	13' 2"	10' 5"	9' 1"	11' 3"	9' 1"	7' 11"	9' 8"	8' 3"	7' 2"
250S125-43	12	18' 0"	14' 3"	12' 6"	15' 9"	12' 6"	10' 11"	14' 3"	11' 4"	9' 11"
250S125-43	16	16' 4"	13' 0"	11' 4"	14' 3"	11' 4"	9' 11"	13' 0"	10' 3"	9' 0"
250S125-43	24	14' 3"	11' 4"	9' 11"	12' 6"	9' 11"	8' 8"	11' 4"	9' 0"	7' 10"
250S125-54 (50 ksi)	12	19' 3"	15' 3"	13' 4"	16' 10"	13' 4"	11' 8"	15' 3"	12' 1"	10' 7"
250S125-54 (50 ksi)	16	17' 6"	13' 10"	12' 1"	15' 3"	12' 1"	10' 7"	13' 10"	11' 0"	9' 7"
250S125-54 (50 ksi)	24	15' 3"	12' 1"	10' 7"	13' 4"	10' 7"	9' 3"	12' 1"	9' 7"	8' 5"
350S125-18	12	17' 3"	13' 8"	11' 11"	14' 3"	11' 11"	10' 5"	12' 4"	10' 10"	9' 5"
350S125-18	16	15' 2"	12' 5"	10' 10"	12' 4"	10' 10"	9' 5"	10' 8"	9' 10"	8' 7"
350S125-18	24	12' 4"	10' 10"	9' 5"	10' 1"	9' 5"	8' 3"	8' 9"	8' 7"	7' 6"
350S125-27	12	20' 0"	15' 10"	13' 10"	17' 6"	13' 10"	12' 1"	15' 10"	12' 7"	11' 0"
350S125-27	16	18' 2"	14' 5"	12' 7"	15' 10"	12' 7"	11' 0"	13' 10"	11' 5"	10' 0"
350S125-27	24	15' 10"	12' 7"	11' 0"	13' 1"	11' 0"	9' 7"	11' 3"	10' 0"	8' 9"

LIMITING WALL HEIGHT TABLES --- NON-COMPOSITE

Stud Member	Spacing (in) o.c.	5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
350S125-30	12	20' 9"	16' 6"	14' 5"	18' 2"	14' 5"	12' 7"	16' 6"	13' 1"	11' 5"
350S125-30	16	18' 10"	15' 0"	13' 1"	16' 6"	13' 1"	11' 5"	14' 9"	11' 10"	10' 4"
350S125-30	24	16' 6"	13' 1"	11' 5"	13' 11"	11' 5"	10' 0"	12' 0"	10' 4"	9' 1"
350S125-33	12	21' 6"	17' 0"	14' 10"	18' 9"	14' 10"	13' 0"	17' 0"	13' 6"	11' 10"
350S125-33	16	19' 6"	15' 6"	13' 6"	17' 0"	13' 6"	11' 10"	15' 6"	12' 3"	10' 9"
350S125-33	24	17' 0"	13' 6"	11' 10"	14' 10"	11' 10"	10' 4"	12' 10"	10' 9"	9' 4"
350S125-43	12	23' 4"	18' 6"	16' 2"	20' 5"	16' 2"	14' 2"	18' 6"	14' 8"	12' 10"
350S125-43	16	21' 3"	16' 10"	14' 8"	18' 6"	14' 8"	12' 10"	16' 10"	13' 4"	11' 8"
350S125-43	24	18' 6"	14' 8"	12' 10"	16' 2"	12' 10"	11' 2"	14' 8"	11' 8"	10' 2"
350S125-54 (50 ksi)	12	25' 0"	19' 10"	17' 4"	21' 10"	17' 4"	15' 2"	19' 10"	15' 9"	13' 9"
350S125-54 (50 ksi)	16	22' 9"	18' 0"	15' 9"	19' 10"	15' 9"	13' 9"	18' 0"	14' 4"	12' 6"
350S125-54 (50 ksi)	24	19' 10"	15' 9"	13' 9"	17' 4"	13' 9"	12' 0"	15' 9"	12' 6"	10' 11"
362S125-18	12	17' 6"	13' 11"	12' 2"	14' 6"	12' 2"	10' 7"	12' 7"	11' 0"	9' 7"
362S125-18	16	15' 5"	12' 7"	11' 0"	12' 7"	11' 0"	9' 7"	10' 10"	10' 0"	8' 9"
362S125-18	24	12' 7"	11' 0"	9' 7"	10' 3"	9' 7"	8' 5"	8' 10"	8' 9"	7' 8"
362S125-27	12	20' 7"	16' 4"	14' 3"	18' 0"	14' 3"	12' 5"	16' 4"	12' 11"	11' 4"
362S125-27	16	18' 8"	14' 10"	12' 11"	16' 4"	12' 11"	11' 4"	14' 2"	11' 9"	10' 3"
362S125-27	24	16' 4"	12' 11"	11' 4"	13' 5"	11' 4"	9' 10"	11' 7"	10' 3"	9' 0"
362S125-30	12	21' 4"	16' 11"	14' 10"	18' 8"	14' 10"	12' 11"	16' 11"	13' 5"	11' 9"
362S125-30	16	19' 5"	15' 5"	13' 5"	16' 11"	13' 5"	11' 9"	15' 1"	12' 2"	10' 8"
362S125-30	24	16' 11"	13' 5"	11' 9"	14' 3"	11' 9"	10' 3"	12' 4"	10' 8"	9' 4"
362S125-33	12	22' 1"	17' 6"	15' 3"	19' 3"	15' 3"	13' 4"	17' 6"	13' 11"	12' 2"
362S125-33	16	20' 1"	15' 11"	13' 11"	17' 6"	13' 11"	12' 2"	15' 11"	12' 7"	11' 0"
362S125-33	24	17' 6"	13' 11"	12' 2"	15' 3"	12' 2"	10' 7"	13' 2"	11' 0"	9' 7"
362S125-43	12	24' 0"	19' 1"	16' 8"	21' 0"	16' 8"	14' 6"	19' 1"	15' 1"	13' 2"
362S125-43	16	21' 10"	17' 4"	15' 1"	19' 1"	15' 1"	13' 2"	17' 4"	13' 9"	12' 0"
362S125-43	24	19' 1"	15' 1"	13' 2"	16' 8"	13' 2"	11' 6"	15' 1"	12' 0"	10' 6"
362S125-54 (50 ksi)	12	25' 9"	20' 5"	17' 10"	22' 6"	17' 10"	15' 7"	20' 5"	16' 2"	14' 2"
362S125-54 (50 ksi)	16	23' 5"	18' 7"	16' 2"	20' 5"	16' 2"	14' 2"	18' 7"	14' 9"	12' 10"
362S125-54 (50 ksi)	24	20' 5"	16' 2"	14' 2"	17' 10"	14' 2"	12' 4"	16' 2"	12' 10"	11' 3"
400S125-18	12	18' 8"	15' 0"	13' 2"	15' 3"	13' 2"	11' 6"	13' 2"	11' 11"	10' 5"
400S125-18	16	16' 2"	13' 8"	11' 11"	13' 2"	11' 11"	10' 5"	11' 5"	10' 10"	9' 5"
400S125-18	24	13' 2"	11' 11"	10' 5"	10' 9"	10' 5"	9' 1"	9' 4"	9' 4"	8' 3"
400S125-27	12	22' 3"	17' 7"	15' 5"	19' 5"	15' 5"	13' 5"	17' 7"	14' 0"	12' 2"
400S125-27	16	20' 2"	16' 0"	14' 0"	17' 7"	14' 0"	12' 2"	15' 3"	12' 8"	11' 1"
400S125-27	24	17' 7"	14' 0"	12' 2"	14' 4"	12' 2"	10' 8"	12' 5"	11' 1"	9' 8"
400S125-30	12	23' 1"	18' 4"	16' 0"	20' 2"	16' 0"	14' 0"	18' 4"	14' 6"	12' 8"
400S125-30	16	21' 0"	16' 8"	14' 6"	18' 4"	14' 6"	12' 8"	16' 3"	13' 2"	11' 6"
400S125-30	24	18' 4"	14' 6"	12' 8"	15' 3"	12' 8"	11' 1"	13' 3"	11' 6"	10' 1"
400S125-33	12	23' 10"	18' 11"	16' 6"	20' 10"	16' 6"	14' 5"	18' 11"	15' 0"	13' 1"
400S125-33	16	21' 8"	17' 2"	15' 0"	18' 11"	15' 0"	13' 1"	17' 2"	13' 8"	11' 11"
400S125-33	24	18' 11"	15' 0"	13' 1"	16' 4"	13' 1"	11' 5"	14' 2"	11' 11"	10' 5"
400S125-43	12	25' 11"	20' 7"	18' 0"	22' 8"	18' 0"	15' 8"	20' 7"	16' 4"	14' 3"
400S125-43	16	23' 7"	18' 8"	16' 4"	20' 7"	16' 4"	14' 3"	18' 8"	14' 10"	12' 11"
400S125-43	24	20' 7"	16' 4"	14' 3"	18' 0"	14' 3"	12' 5"	16' 4"	12' 11"	11' 4"
400S125-54 (50 ksi)	12	27' 10"	22' 1"	19' 3"	24' 4"	19' 3"	16' 10"	22' 1"	17' 6"	15' 4"
400S125-54 (50 ksi)	16	25' 3"	20' 1"	17' 6"	22' 1"	17' 6"	15' 4"	20' 1"	15' 11"	13' 11"
400S125-54 (50 ksi)	24	22' 1"	17' 6"	15' 4"	19' 3"	15' 4"	13' 4"	17' 6"	13' 11"	12' 2"
550S125-27	12	28' 10"	22' 11"	20' 0"	24' 4"	20' 0"	17' 6"	21' 1"	18' 2"	15' 10"
550S125-27	16	25' 10"	20' 10"	18' 2"	21' 1"	18' 2"	15' 10"	18' 3"	16' 6"	14' 5"
550S125-27	24	21' 1"	18' 2"	15' 10"	17' 2"	15' 10"	13' 10"	14' 11"	14' 5"	12' 7"
550S125-30	12	29' 10"	23' 8"	20' 8"	26' 0"	20' 8"	18' 0"	23' 2"	18' 9"	16' 5"
550S125-30	16	27' 1"	21' 6"	18' 9"	23' 2"	18' 9"	16' 5"	20' 1"	17' 0"	14' 11"
550S125-30	24	23' 2"	18' 9"	16' 5"	18' 11"	16' 5"	14' 4"	16' 5"	14' 11"	13' 0"

LIMITING WALL HEIGHT TABLES --- NON-COMPOSITE

Stud Member	Spacing (in) o.c.	5 psf			7.5 psf			10 psf		
		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
550S125-33	12	30' 10"	24' 5"	21' 4"	26' 11"	21' 4"	18' 8"	24' 5"	19' 5"	16' 11"
550S125-33	16	28' 0"	22' 2"	19' 5"	24' 5"	19' 5"	16' 11"	21' 11"	17' 7"	15' 5"
550S125-33	24	24' 5"	19' 5"	16' 11"	20' 8"	16' 11"	14' 9"	17' 10"	15' 5"	13' 5"
550S125-43	12	33' 6"	26' 7"	23' 3"	29' 4"	23' 3"	20' 4"	26' 7"	21' 1"	18' 5"
550S125-43	16	30' 6"	24' 2"	21' 1"	26' 7"	21' 1"	18' 5"	24' 2"	19' 2"	16' 9"
550S125-43	24	26' 7"	21' 1"	18' 5"	23' 3"	18' 5"	16' 1"	21' 0"	16' 9"	14' 8"
550S125-54 (50 ksi)	12	36' 0"	28' 7"	24' 11"	31' 5"	24' 11"	21' 9"	28' 7"	22' 8"	19' 10"
550S125-54 (50 ksi)	16	32' 8"	25' 11"	22' 8"	28' 7"	22' 8"	19' 10"	25' 11"	20' 7"	18' 0"
550S125-54 (50 ksi)	24	28' 7"	22' 8"	19' 10"	24' 11"	19' 10"	17' 3"	22' 8"	18' 0"	15' 8"
600S125-27	12	31' 0"	24' 7"	21' 6"	25' 4"	21' 6"	18' 9"	21' 11"	19' 6"	17' 0"
600S125-27	16	26' 11"	22' 4"	19' 6"	21' 11"	19' 6"	17' 0"	19' 0"	17' 9"	15' 6"
600S125-27	24	21' 11"	19' 6"	17' 0"	17' 11"	17' 0"	14' 11"	15' 6"	15' 6"	13' 6"
600S125-30	12	32' 0"	25' 5"	22' 2"	27' 10"	22' 2"	19' 4"	24' 1"	20' 2"	17' 7"
600S125-30	16	29' 1"	23' 1"	20' 2"	24' 1"	20' 2"	17' 7"	20' 10"	18' 4"	16' 0"
600S125-30	24	24' 1"	20' 2"	17' 7"	19' 8"	17' 7"	15' 4"	17' 0"	16' 0"	13' 11"
600S125-33	12	33' 1"	26' 3"	22' 11"	28' 11"	22' 11"	20' 0"	26' 3"	20' 10"	18' 2"
600S125-33	16	30' 1"	23' 10"	20' 10"	26' 3"	20' 10"	18' 2"	23' 1"	18' 11"	16' 6"
600S125-33	24	26' 3"	20' 10"	18' 2"	21' 9"	18' 2"	15' 11"	18' 10"	16' 6"	14' 5"
600S125-43	12	36' 0"	28' 7"	25' 0"	31' 6"	25' 0"	21' 10"	28' 7"	22' 8"	19' 10"
600S125-43	16	32' 9"	26' 0"	22' 8"	28' 7"	22' 8"	19' 10"	26' 0"	20' 7"	18' 0"
600S125-43	24	28' 7"	22' 8"	19' 10"	25' 0"	19' 10"	17' 4"	22' 5"	18' 0"	15' 9"
600S125-54 (50 ksi)	12	38' 8"	30' 8"	26' 10"	33' 9"	26' 10"	23' 5"	30' 8"	24' 4"	21' 3"
600S125-54 (50 ksi)	16	35' 2"	27' 11"	24' 4"	30' 8"	24' 4"	21' 3"	27' 11"	22' 1"	19' 4"
600S125-54 (50 ksi)	24	30' 8"	24' 4"	21' 3"	26' 10"	21' 3"	18' 7"	24' 4"	19' 4"	16' 10"
800S125-33	12	42' 0"	33' 4"	29' 2"	35' 0"	29' 2"	25' 5"	30' 4"	26' 6"	23' 1"
800S125-33	16	37' 2"	30' 4"	26' 6"	30' 4"	26' 6"	23' 1"	26' 3"	24' 1"	21' 0"
800S125-33	24	30' 4"	26' 6"	23' 1"	24' 9"	23' 1"	20' 2"	21' 5"	21' 0"	18' 4"
800S125-43	12	45' 9"	36' 4"	31' 9"	40' 0"	31' 9"	27' 9"	36' 4"	28' 10"	25' 2"
800S125-43	16	41' 7"	33' 0"	28' 10"	36' 4"	28' 10"	25' 2"	33' 0"	26' 2"	22' 10"
800S125-43	24	36' 4"	28' 10"	25' 2"	31' 9"	25' 2"	22' 0"	27' 10"	22' 10"	20' 0"
800S125-54 (50 ksi)	12	49' 2"	39' 0"	34' 1"	43' 0"	34' 1"	29' 9"	39' 0"	31' 0"	27' 1"
800S125-54 (50 ksi)	16	44' 8"	35' 6"	31' 0"	39' 0"	31' 0"	27' 1"	35' 6"	28' 2"	24' 7"
800S125-54 (50 ksi)	24	39' 0"	31' 0"	27' 1"	34' 1"	27' 1"	23' 8"	31' 0"	24' 7"	21' 6"

METAL RESOURCES, INC.
STEEL FRAMING COMPONENTS

COMBINED AXIAL AND LATERAL LOAD TABLES

Table Notes

1. Allowable loads are based on weak axis and torsional bracing at 48" o.c. maximum for axial load calculation and continuous support of each flange for flexural calculation.
2. Lateral and axial load multiplied by 0.75 for strength determination per AISI A5.1.3 (except where axial load alone controls).
3. Check lateral end reactions for web crippling.
4. Allowable axial load in kips/stud (1 kip = 1000 lbs).
5. Effects of cold work of forming were included in the analysis where applicable.

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)						350S200-(mils)					
		33 ksi		50 ksi		33 ksi		50 ksi					
		33	43	54	68	97	33	43	54	68	97		
8	12	2.03	2.76	4.08	5.17	7.58	2.45	3.40	5.11	6.42	9.17		
	16	2.03	2.76	4.08	5.17	7.58	2.45	3.40	5.11	6.42	9.17		
	24	2.03	2.76	4.08	5.17	7.58	2.45	3.40	5.11	6.42	9.17		
9	12	1.95	2.66	3.82	4.83	7.06	2.36	3.26	4.77	5.97	8.50		
	16	1.95	2.66	3.82	4.83	7.06	2.36	3.26	4.77	5.97	8.50		
	24	1.95	2.66	3.82	4.83	7.06	2.36	3.26	4.77	5.97	8.50		
10	12	1.86	2.53	3.52	4.46	6.48	2.26	3.10	4.39	5.49	7.79		
	16	1.86	2.53	3.52	4.46	6.48	2.26	3.10	4.39	5.49	7.79		
	24	1.81	2.53	3.52	4.46	6.48	2.26	3.10	4.39	5.49	7.79		
12	12	1.66	2.25	2.92	3.67	5.25	2.03	2.74	3.59	4.48	6.31		
	16	1.58 ⁽⁷⁾	2.25	2.92	3.67	5.25	1.99	2.74	3.59	4.48	6.31		
	24	1.33 ⁽⁶⁾	2.12 ⁽⁶⁾	2.92	3.67	5.25	1.71 ⁽⁶⁾	2.59 ⁽⁷⁾	3.59	4.48	6.31		
14	12	1.32 ⁽⁶⁾	1.92	2.40	3.00	4.23	1.66 ⁽⁷⁾	2.34	2.92	3.64	5.09		
	16	1.17 ⁽⁶⁾	1.82 ⁽⁶⁾	2.40 ⁽⁷⁾	3.00	4.23	1.49 ⁽⁶⁾	2.23 ⁽⁷⁾	2.92	3.64	5.09		
	24	0.90 ⁽³⁾	1.54 ⁽⁶⁾	2.34 ⁽⁶⁾	3.00 ⁽⁶⁾	4.23	1.18 ⁽³⁾	1.90 ⁽⁶⁾	2.91 ⁽⁶⁾	3.64 ⁽⁷⁾	5.09		
16	12	0.97 ⁽⁶⁾	1.49 ⁽⁶⁾	1.97 ⁽⁷⁾	2.46	3.44	1.23 ⁽⁶⁾	1.82 ⁽⁶⁾	2.39	2.98	4.14		
	16	0.82 ⁽³⁾	1.34 ⁽⁶⁾	1.97 ⁽⁶⁾	2.46 ⁽⁶⁾	3.44	1.06 ⁽³⁾	1.64 ⁽⁶⁾	2.39 ⁽⁶⁾	2.98 ⁽⁷⁾	4.14		
	24	0.56 ⁽²⁾	1.06 ⁽³⁾	1.73 ⁽³⁾	2.42 ⁽⁶⁾	3.44 ⁽⁶⁾	0.76 ⁽²⁾	1.31 ⁽³⁾	2.16 ⁽⁶⁾	2.98 ⁽⁶⁾	4.14 ⁽⁷⁾		

5 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.82	5.79	7.47	10.57	1.68	2.32	3.42	4.45
	16		3.82	5.79	7.47	10.57	1.68	2.32	3.42	4.45
	24		3.82	5.79	7.47	10.57	1.68	2.32	3.42	4.45
9	12		3.70	5.51	6.95	9.81	1.63	2.26	3.27	4.21
	16		3.70	5.51	6.95	9.81	1.63	2.26	3.27	4.21
	24		3.70	5.51	6.95	9.81	1.63	2.26	3.27	4.21
10	12		3.60	5.13	6.40	9.01	1.58	2.17	3.06	3.94
	16		3.60	5.13	6.40	9.01	1.58	2.17	3.06	3.94
	24		3.60	5.13	6.40	9.01	1.50	2.17	3.06	3.94
12	12		3.19	4.21	5.24	7.34	1.43	1.97	2.61	3.32
	16		3.19	4.21	5.24	7.34	1.34 ⁽⁷⁾	1.97	2.61	3.32
	24		3.10	4.21	5.24	7.34	1.11 ⁽⁶⁾	1.82 ⁽⁶⁾	2.61 ⁽⁷⁾	3.32
14	12		2.75	3.44	4.27	5.96	1.14 ⁽⁶⁾	1.73 ⁽⁷⁾	2.18	2.75
	16		2.67	3.44	4.27	5.96	1.00 ⁽⁶⁾	1.60 ⁽⁶⁾	2.18 ⁽⁷⁾	2.75
	24		2.30 ⁽⁶⁾	3.44 ⁽⁷⁾	4.27	5.96	0.75 ⁽³⁾	1.34 ⁽³⁾	2.15 ⁽⁶⁾	2.75 ⁽⁶⁾
16	12		2.19 ⁽⁷⁾	2.83	3.51	4.88	0.84 ⁽⁶⁾	1.33 ⁽⁶⁾	1.81 ⁽⁶⁾	2.27 ⁽⁷⁾
	16		1.98 ⁽⁶⁾	2.83 ⁽⁷⁾	3.51	4.88	0.70 ⁽³⁾	1.18 ⁽³⁾	1.81 ⁽⁶⁾	2.27 ⁽⁶⁾
	24		1.62 ⁽³⁾	2.61 ⁽⁶⁾	3.48 ⁽⁶⁾	4.88	0.45 ⁽²⁾	0.92 ⁽²⁾	1.60 ⁽³⁾	2.19 ⁽³⁾

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

5 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)					362S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.09	2.85	4.27	5.48	8.00	2.50	3.50	5.34	6.80	9.68
	16	2.09	2.85	4.27	5.48	8.00	2.50	3.50	5.34	6.80	9.68
	24	2.09	2.85	4.27	5.48	8.00	2.50	3.50	5.34	6.80	9.68
9	12	2.01	2.75	4.04	5.15	7.50	2.42	3.37	5.02	6.36	9.04
	16	2.01	2.75	4.04	5.15	7.50	2.42	3.37	5.02	6.36	9.04
	24	2.01	2.75	4.04	5.15	7.50	2.42	3.37	5.02	6.36	9.04
10	12	1.93	2.63	3.78	4.78	6.93	2.33	3.21	4.67	5.88	8.33
	16	1.93	2.63	3.78	4.78	6.93	2.33	3.21	4.67	5.88	8.33
	24	1.91	2.63	3.78	4.78	6.93	2.33	3.21	4.67	5.88	8.33
12	12	1.74	2.36	3.16	3.97	5.69	2.12	2.87	3.89	4.85	6.83
	16	1.69	2.36	3.16	3.97	5.69	2.12	2.87	3.89	4.85	6.83
	24	1.43 ⁽⁶⁾	2.27 ⁽⁷⁾	3.16	3.97	5.69	1.83 ⁽⁶⁾	2.78	3.89	4.85	6.83
14	12	1.43 ⁽⁷⁾	2.06	2.60	3.25	4.60	1.79	2.49	3.17	3.95	5.52
	16	1.27 ⁽⁶⁾	1.98 ⁽⁷⁾	2.60	3.25	4.60	1.61 ⁽⁶⁾	2.42 ⁽⁷⁾	3.17	3.95	5.52
	24	0.99 ⁽³⁾	1.69 ⁽⁶⁾	2.58 ⁽⁶⁾	3.25 ⁽⁷⁾	4.60	1.30 ⁽⁶⁾	2.07 ⁽⁶⁾	3.17 ⁽⁶⁾	3.95	5.52
16	12	1.06 ⁽⁶⁾	1.65 ⁽⁶⁾	2.15 ⁽⁷⁾	2.67	3.74	1.35 ⁽⁶⁾	2.01 ⁽⁷⁾	2.60	3.23	4.50
	16	0.91 ⁽³⁾	1.48 ⁽⁶⁾	2.15 ⁽⁶⁾	2.67 ⁽⁷⁾	3.74	1.17 ⁽⁶⁾	1.81 ⁽⁶⁾	2.60 ⁽⁶⁾	3.23	4.50
	24	0.63 ⁽²⁾	1.19 ⁽³⁾	1.91 ⁽³⁾	2.67 ⁽⁶⁾	3.74 ⁽⁶⁾	0.85 ⁽³⁾	1.47 ⁽³⁾	2.38 ⁽⁶⁾	3.23 ⁽⁶⁾	4.50 ⁽⁷⁾

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)						400S137-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68			
8	12		3.91	6.00	7.91	11.17	1.79	2.49	3.77	5.10			
	16		3.91	6.00	7.91	11.17	1.79	2.49	3.77	5.10			
	24		3.91	6.00	7.91	11.17	1.79	2.49	3.77	5.10			
9	12		3.80	5.73	7.40	10.43	1.76	2.44	3.65	4.93			
	16		3.80	5.73	7.40	10.43	1.76	2.44	3.65	4.93			
	24		3.80	5.73	7.40	10.43	1.76	2.44	3.65	4.93			
10	12		3.69	5.44	6.85	9.64	1.71	2.37	3.51	4.70			
	16		3.69	5.44	6.85	9.64	1.71	2.37	3.51	4.70			
	24		3.69	5.44	6.85	9.64	1.71	2.37	3.51	4.70			
12	12		3.34	4.56	5.67	7.95	1.59	2.21	3.13	4.11			
	16		3.34	4.56	5.67	7.95	1.59	2.21	3.13	4.11			
	24		3.30	4.56	5.67	7.95	1.35 ⁽⁶⁾	2.17 ⁽⁷⁾	3.13	4.11			
14	12		2.91	3.72	4.63	6.46	1.39 ⁽⁷⁾	2.00	2.70	3.46			
	16		2.88	3.72	4.63	6.46	1.24 ⁽⁶⁾	1.96 ⁽⁷⁾	2.70	3.46			
	24		2.50 ⁽⁶⁾	3.72 ⁽⁷⁾	4.63	6.46	0.98 ⁽³⁾	1.68 ⁽⁶⁾	2.70 ⁽⁶⁾	3.46 ⁽⁷⁾			
16	12		2.41	3.06	3.81	5.29	1.08 ⁽⁶⁾	1.70 ⁽⁶⁾	2.30	2.88			
	16		2.19 ⁽⁶⁾	3.06 ⁽⁷⁾	3.81	5.29	0.92 ⁽³⁾	1.53 ⁽⁶⁾	2.30 ⁽⁶⁾	2.88 ⁽⁷⁾			
	24		1.80 ⁽⁶⁾	2.87 ⁽⁶⁾	3.81 ⁽⁶⁾	5.29	0.65 ⁽²⁾	1.23 ⁽³⁾	2.13 ⁽⁶⁾	2.88 ⁽⁶⁾			

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)						400S200-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97		33	43	54	68	97	
8	12	2.23	3.06	4.73	6.27	9.21		2.65	3.76	5.92	7.74	11.17	
	16	2.23	3.06	4.73	6.27	9.21		2.65	3.76	5.92	7.74	11.17	
	24	2.23	3.06	4.73	6.27	9.21		2.65	3.76	5.92	7.74	11.17	
9	12	2.17	2.98	4.55	6.01	8.77		2.58	3.65	5.65	7.38	10.59	
	16	2.17	2.98	4.55	6.01	8.77		2.58	3.65	5.65	7.38	10.59	
	24	2.17	2.98	4.55	6.01	8.77		2.58	3.65	5.65	7.38	10.59	
10	12	2.10	2.88	4.33	5.71	8.26		2.51	3.52	5.34	6.97	9.93	
	16	2.10	2.88	4.33	5.71	8.26		2.51	3.52	5.34	6.97	9.93	
	24	2.10	2.88	4.33	5.71	8.26		2.51	3.52	5.34	6.97	9.93	
12	12	1.93	2.65	3.80	4.95	7.08		2.32	3.21	4.66	6.02	8.47	
	16	1.93	2.65	3.80	4.95	7.08		2.32	3.21	4.66	6.02	8.47	
	24	1.73 ⁽⁷⁾	2.65	3.80	4.95	7.08		2.16	3.21	4.66	6.02	8.47	
14	12	1.73	2.38	3.22	4.10	5.80		2.11	2.87	3.91	4.96	6.95	
	16	1.57 ⁽⁶⁾	2.38	3.22	4.10	5.80		1.97 ⁽⁷⁾	2.87	3.91	4.96	6.95	
	24	1.28 ⁽⁶⁾	2.11 ⁽⁶⁾	3.22 ⁽⁷⁾	4.10	5.80		1.64 ⁽⁶⁾	2.57 ⁽⁶⁾	3.91	4.96	6.95	
16	12	1.35 ⁽⁶⁾	2.08 ⁽⁷⁾	2.72	3.39	4.75		1.69 ⁽⁷⁾	2.51	3.27	4.08	5.69	
	16	1.18 ⁽⁶⁾	1.90 ⁽⁶⁾	2.72 ⁽⁷⁾	3.39	4.75		1.50 ⁽⁶⁾	2.30 ⁽⁷⁾	3.27	4.08	5.69	
	24	0.88 ⁽³⁾	1.57 ⁽³⁾	2.54 ⁽⁶⁾	3.39 ⁽⁶⁾	4.75 ⁽⁷⁾		1.16 ⁽³⁾	1.92 ⁽⁶⁾	3.13 ⁽⁶⁾	4.08 ⁽⁷⁾	5.69	

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

5 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)				550S162-(mils)				
		33 ksi		50 ksi		33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68
8	12		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	16		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	24		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
9	12		4.04	6.25	8.55	12.22	2.51	3.47	5.67	7.60
	16		4.04	6.25	8.55	12.22	2.51	3.47	5.67	7.60
	24		4.04	6.25	8.55	12.22	2.51	3.47	5.67	7.60
10	12		3.93	6.04	8.09	11.47	2.49	3.44	5.58	7.48
	16		3.93	6.04	8.09	11.47	2.49	3.44	5.58	7.48
	24		3.93	6.04	8.09	11.47	2.49	3.44	5.58	7.48
12	12		3.72	5.44	7.01	9.83	2.41	3.33	5.33	7.13
	16		3.72	5.44	7.01	9.83	2.41	3.33	5.33	7.13
	24		3.72	5.44	7.01	9.83	2.41	3.33	5.33	7.13
14	12		3.35	4.58	5.81	8.11	2.30	3.18	4.96	6.65
	16		3.35	4.58	5.81	8.11	2.30	3.18	4.96	6.65
	24		3.07 ⁽⁷⁾	4.58	5.81	8.11	2.22	3.18	4.96	6.65
16	12		2.93	3.83	4.79	6.66	2.16	2.99	4.51	6.04
	16		2.75 ⁽⁷⁾	3.83	4.79	6.66	2.14	2.99	4.51	6.04
	24		2.33 ⁽⁶⁾	3.74 ⁽⁶⁾	4.79 ⁽⁷⁾	6.66	1.82 ⁽⁶⁾	2.92 ⁽⁷⁾	4.51	6.04

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)						550S250-(mils)					
		33 ksi		50 ksi		97	33 ksi		50 ksi		97		
33	43	54	68	33	43		54	68					
8	12	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47		
	16	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47		
	24	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47		
9	12	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10		
	16	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10		
	24	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10		
10	12	2.91	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66		
	16	2.91	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66		
	24	2.91	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66		
12	12	2.81	4.06	6.60	8.74	13.51		4.41	6.83	9.81	15.58		
	16	2.81	4.06	6.60	8.74	13.51		4.41	6.83	9.81	15.58		
	24	2.81	4.06	6.60	8.74	13.51		4.41	6.83	9.81	15.58		
14	12	2.69	3.85	6.07	8.04	12.41		4.23	6.57	9.21	14.28		
	16	2.69	3.85	6.07	8.04	12.41		4.23	6.57	9.21	14.28		
	24	2.68	3.85	6.07	8.04	12.41		4.23	6.57	9.21	14.28		
16	12	2.54	3.59	5.47	7.25	11.16		4.02	6.21	8.43	12.84		
	16	2.54	3.59	5.47	7.25	11.16		4.02	6.21	8.43	12.84		
	24	2.24 ⁽⁷⁾	3.52	5.47	7.25	11.16		4.02	6.21	8.43	12.84		

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)						600S162-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97		
8	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63		
	16	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63		
	24	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63		
9	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63		
	16	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63		
	24	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63		
10	12	1.88	2.61	3.90	5.17	7.82	2.55	3.52	5.72	7.57	11.63		
	16	1.88	2.61	3.90	5.17	7.82	2.55	3.52	5.72	7.57	11.63		
	24	1.88	2.61	3.90	5.17	7.82	2.55	3.52	5.72	7.57	11.63		
12	12	1.88	2.61	3.90	5.17	7.82	2.49	3.45	5.61	7.52	11.63		
	16	1.88	2.61	3.90	5.17	7.82	2.49	3.45	5.61	7.52	11.63		
	24	1.88	2.61	3.90	5.17	7.82	2.49	3.45	5.61	7.52	11.63		
14	12	1.88	2.61	3.90	5.17	7.82	2.41	3.33	5.32	7.14	11.33		
	16	1.88	2.61	3.90	5.17	7.82	2.41	3.33	5.32	7.14	11.33		
	24	1.86	2.61	3.90	5.17	7.82	2.41	3.33	5.32	7.14	11.33		
16	12	1.88	2.61	3.90	5.17	7.82	2.29	3.18	4.94	6.63	10.48		
	16	1.88	2.61	3.90	5.17	7.82	2.29	3.18	4.94	6.63	10.48		
	24	1.64 ⁽⁷⁾	2.61	3.90	5.17	7.82	2.08 ⁽⁷⁾	3.18	4.94	6.63	10.48		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)						600S250-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68		97	33	43	54		68	97
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	16	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	24	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
9	12	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
	16	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
	24	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
10	12	2.98	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60		
	16	2.98	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60		
	24	2.98	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60		
12	12	2.91	4.23	7.00	9.28	14.44		4.55	7.26	10.34	16.69		
	16	2.91	4.23	7.00	9.28	14.44		4.55	7.26	10.34	16.69		
	24	2.91	4.23	7.00	9.28	14.44		4.55	7.26	10.34	16.69		
14	12	2.80	4.05	6.55	8.69	13.51		4.40	6.83	9.78	15.55		
	16	2.80	4.05	6.55	8.69	13.51		4.40	6.83	9.78	15.55		
	24	2.80	4.05	6.55	8.69	13.51		4.40	6.83	9.78	15.55		
16	12	2.67	3.82	6.02	7.98	12.39		4.22	6.56	9.18	14.25		
	16	2.67	3.82	6.02	7.98	12.39		4.22	6.56	9.18	14.25		
	24	2.51	3.82	6.02	7.98	12.39		4.22	6.56	9.18	14.25		

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97		
8	12	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	24	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
9	12	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	24	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
10	12	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	24	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
12	12	2.52	3.48	5.60	7.44	11.56	3.05	4.50	7.66	10.18	15.96		
	16	2.52	3.48	5.60	7.44	11.56	3.05	4.50	7.66	10.18	15.96		
	24	2.52	3.48	5.60	7.44	11.56	3.05	4.50	7.66	10.18	15.96		
14	12	2.52	3.48	5.60	7.44	11.56	2.99	4.39	7.39	9.82	15.40		
	16	2.52	3.48	5.60	7.44	11.56	2.99	4.39	7.39	9.82	15.40		
	24	2.52	3.48	5.60	7.44	11.56	2.99	4.39	7.39	9.82	15.40		
16	12	2.51	3.48	5.60	7.44	11.56	2.91	4.24	7.01	9.33	14.62		
	16	2.51	3.48	5.60	7.44	11.56	2.91	4.24	7.01	9.33	14.62		
	24	2.51	3.48	5.60	7.44	11.56	2.91	4.24	7.01	9.33	14.62		

5 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)						800S137-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97		
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	16		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	24		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
9	12		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	16		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	24		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
10	12		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46		
	16		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46		
	24		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46		
12	12		4.78	7.83	11.18	18.61	1.79	2.50	3.62	4.83	7.46		
	16		4.78	7.83	11.18	18.61	1.79	2.50	3.62	4.83	7.46		
	24		4.78	7.83	11.18	18.61	1.79	2.50	3.62	4.83	7.46		
14	12		4.69	7.58	10.87	17.82	1.79	2.50	3.62	4.83	7.46		
	16		4.69	7.58	10.87	17.82	1.79	2.50	3.62	4.83	7.46		
	24		4.69	7.58	10.87	17.82	1.79	2.50	3.62	4.83	7.46		
16	12		4.56	7.27	10.37	16.84	1.79	2.50	3.62	4.83	7.46		
	16		4.56	7.27	10.37	16.84	1.79	2.50	3.62	4.83	7.46		
	24		4.56	7.27	10.37	16.84	1.79	2.50	3.62	4.83	7.46		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

5 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)					800S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
9	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
10	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
12	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
14	12	2.49	3.44	5.51	7.34	11.45	3.06	4.52	7.71	10.25	16.12
	16	2.49	3.44	5.51	7.34	11.45	3.06	4.52	7.71	10.25	16.12
	24	2.49	3.44	5.51	7.34	11.45	3.06	4.52	7.71	10.25	16.12
16	12	2.49	3.44	5.51	7.34	11.45	3.00	4.40	7.42	9.88	15.53
	16	2.49	3.44	5.51	7.34	11.45	3.00	4.40	7.42	9.88	15.53
	24	2.49	3.44	5.51	7.34	11.45	3.00	4.40	7.42	9.88	15.53

5 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)								
		33 ksi		50 ksi						
		33	43	54	68	97				
8	12		4.96	8.26	11.63	19.79				
	16		4.96	8.26	11.63	19.79				
	24		4.96	8.26	11.63	19.79				
9	12		4.94	8.22	11.59	19.71				
	16		4.94	8.22	11.59	19.71				
	24		4.94	8.22	11.59	19.71				
10	12		4.93	8.18	11.55	19.61				
	16		4.93	8.18	11.55	19.61				
	24		4.93	8.18	11.55	19.61				
12	12		4.87	8.05	11.42	19.34				
	16		4.87	8.05	11.42	19.34				
	24		4.87	8.05	11.42	19.34				
14	12		4.80	7.86	11.24	18.75				
	16		4.80	7.86	11.24	18.75				
	24		4.80	7.86	11.24	18.75				
16	12		4.70	7.61	10.91	17.95				
	16		4.70	7.61	10.91	17.95				
	24		4.70	7.61	10.91	17.95				

15 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)						350S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68		97	33	43	54		68	97
8	12	2.03	2.76	4.08	5.17	7.58	2.45	3.40	5.11	6.42	9.17		
	16	1.86	2.76	4.08	5.17	7.58	2.33	3.40	5.11	6.42	9.17		
	24	1.48 ⁽⁶⁾	2.50 ⁽⁷⁾	4.08	5.17	7.58	1.91 ⁽⁷⁾	3.11	5.11	6.42	9.17		
9	12	1.79	2.66	3.82	4.83	7.06	2.25	3.26	4.77	5.97	8.50		
	16	1.56 ⁽⁶⁾	2.52 ⁽⁷⁾	3.82	4.83	7.06	1.98 ⁽⁷⁾	3.12	4.77	5.97	8.50		
	24	1.12 ⁽⁶⁾	2.08 ⁽⁶⁾	3.70 ⁽⁶⁾	4.83 ⁽⁷⁾	7.06	1.49 ⁽⁶⁾	2.59 ⁽⁶⁾	4.72 ⁽⁷⁾	5.97	8.50		
10	12	1.52 ⁽⁶⁾	2.43 ⁽⁷⁾	3.52	4.46	6.48	1.94 ⁽⁷⁾	2.99	4.39	5.49	7.79		
	16	1.25 ⁽⁶⁾	2.16 ⁽⁶⁾	3.52 ⁽⁷⁾	4.46	6.48	1.64 ⁽⁶⁾	2.67 ⁽⁷⁾	4.39	5.49	7.79		
	24	0.77 ⁽³⁾	1.67 ⁽³⁾	3.10 ⁽⁶⁾	4.43 ⁽⁶⁾	6.48 ⁽⁷⁾	1.09 ⁽³⁾	2.08 ⁽⁶⁾	3.97 ⁽⁶⁾	5.49 ⁽⁷⁾	7.79		
12	12	0.99 ⁽³⁾	1.77 ⁽⁶⁾	2.82 ⁽⁶⁾	3.67 ⁽⁷⁾	5.25	1.32 ⁽³⁾	2.18 ⁽⁶⁾	3.54 ⁽⁶⁾	4.48 ⁽⁷⁾	6.31		
	16	0.69 ⁽²⁾	1.46 ⁽³⁾	2.53 ⁽⁶⁾	3.60 ⁽⁶⁾	5.25 ⁽⁷⁾	0.98 ⁽³⁾	1.81 ⁽³⁾	3.21 ⁽⁶⁾	4.48 ⁽⁶⁾	6.31		
	24	0.17 ⁽²⁾	0.91 ⁽²⁾	2.02 ⁽³⁾	3.10 ⁽³⁾	5.05 ⁽⁶⁾	0.38 ⁽²⁾	1.16 ⁽²⁾	2.61 ⁽³⁾	3.96 ⁽³⁾	6.31 ⁽⁶⁾		
14	12	0.55 ⁽²⁾	1.18 ⁽³⁾	2.01 ⁽³⁾	2.87 ⁽⁶⁾	4.23 ⁽⁶⁾	0.78 ⁽²⁾	1.47 ⁽³⁾	2.53 ⁽⁶⁾	3.60 ⁽⁶⁾	5.09 ⁽⁷⁾		
	16	0.25 ⁽²⁾	0.86 ⁽²⁾	1.72 ⁽²⁾	2.58 ⁽³⁾	4.12 ⁽⁶⁾	0.44 ⁽²⁾	1.09 ⁽²⁾	2.20 ⁽³⁾	3.27 ⁽³⁾	5.09 ⁽⁶⁾		
	24		0.31 ⁽²⁾	1.22 ⁽²⁾	2.07 ⁽²⁾	3.55 ⁽³⁾		0.44 ⁽²⁾	1.62 ⁽²⁾	2.70 ⁽²⁾	4.52 ⁽³⁾		
16	12	0.23 ⁽²⁾	0.72 ⁽²⁾	1.41 ⁽²⁾	2.10 ⁽³⁾	3.33 ⁽³⁾	0.38 ⁽²⁾	0.90 ⁽²⁾	1.79 ⁽³⁾	2.66 ⁽³⁾	4.14 ⁽⁶⁾		
	16		0.41 ⁽²⁾	1.13 ⁽²⁾	1.82 ⁽²⁾	3.01 ⁽³⁾	0.06 ⁽¹⁾	0.55 ⁽²⁾	1.47 ⁽²⁾	2.34 ⁽²⁾	3.82 ⁽³⁾		
	24			0.65 ⁽¹⁾	1.33 ⁽²⁾	2.47 ⁽²⁾			0.92 ⁽²⁾	1.80 ⁽²⁾	3.22 ⁽²⁾		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

15 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)						362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	
8	12		3.82	5.79	7.47	10.57	1.67	2.32	3.42	4.45	
	16		3.82	5.79	7.47	10.57	1.50	2.32	3.42	4.45	
	24		3.60	5.79	7.47	10.57	1.16 ⁽⁶⁾	2.03 ⁽⁷⁾	3.42	4.45	
9	12		3.70	5.51	6.95	9.81	1.46 ⁽⁷⁾	2.26	3.27	4.21	
	16		3.64	5.51	6.95	9.81	1.25 ⁽⁶⁾	2.09 ⁽⁷⁾	3.27	4.21	
	24		3.07 ⁽⁷⁾	5.51	6.95	9.81	0.86 ⁽³⁾	1.69 ⁽⁶⁾	3.21 ⁽⁶⁾	4.21 ⁽⁷⁾	
10	12		3.56	5.13	6.40	9.01	1.24 ⁽⁶⁾	2.04 ⁽⁷⁾	3.06	3.94	
	16		3.21 ⁽⁷⁾	5.13	6.40	9.01	1.00 ⁽⁶⁾	1.79 ⁽⁶⁾	3.06 ⁽⁶⁾	3.94	
	24		2.55 ⁽⁶⁾	4.77 ⁽⁶⁾	6.40	9.01	0.56 ⁽³⁾	1.33 ⁽³⁾	2.73 ⁽⁶⁾	3.86 ⁽⁶⁾	
12	12		2.64 ⁽⁶⁾	4.21 ⁽⁷⁾	5.24	7.34	0.80 ⁽³⁾	1.49 ⁽⁶⁾	2.55 ⁽⁶⁾	3.32 ⁽⁶⁾	
	16		2.22 ⁽⁶⁾	3.87 ⁽⁶⁾	5.19 ⁽⁷⁾	7.34	0.53 ⁽²⁾	1.20 ⁽³⁾	2.30 ⁽³⁾	3.21 ⁽⁶⁾	
	24		1.49 ⁽³⁾	3.20 ⁽³⁾	4.48 ⁽⁶⁾	7.34 ⁽⁶⁾	0.04 ⁽²⁾	0.68 ⁽²⁾	1.84 ⁽²⁾	2.73 ⁽³⁾	
14	12		1.81 ⁽³⁾	3.07 ⁽⁶⁾	4.12 ⁽⁶⁾	5.96	0.42 ⁽²⁾	0.99 ⁽²⁾	1.85 ⁽³⁾	2.58 ⁽³⁾	
	16		1.39 ⁽³⁾	2.69 ⁽³⁾	3.72 ⁽⁶⁾	5.96 ⁽⁶⁾	0.14 ⁽²⁾	0.68 ⁽²⁾	1.59 ⁽²⁾	2.31 ⁽³⁾	
	24		0.65 ⁽²⁾	2.04 ⁽²⁾	3.01 ⁽³⁾	5.49 ⁽⁶⁾		0.16 ⁽¹⁾	1.13 ⁽²⁾	1.81 ⁽²⁾	
16	12		1.15 ⁽²⁾	2.20 ⁽³⁾	3.03 ⁽³⁾	4.88 ⁽⁶⁾	0.13 ⁽²⁾	0.58 ⁽²⁾	1.31 ⁽²⁾	1.89 ⁽²⁾	
	16		0.74 ⁽²⁾	1.84 ⁽²⁾	2.64 ⁽³⁾	4.64 ⁽⁶⁾		0.29 ⁽¹⁾	1.06 ⁽²⁾	1.61 ⁽²⁾	
	24		0.05 ⁽¹⁾	1.21 ⁽²⁾	1.96 ⁽²⁾	3.97 ⁽³⁾			0.61 ⁽¹⁾	1.14 ⁽¹⁾	

15 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)					362S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.09	2.85	4.27	5.48	8.00	2.50	3.50	5.34	6.80	9.68
	16	1.95	2.85	4.27	5.48	8.00	2.43	3.50	5.34	6.80	9.68
	24	1.58 ⁽⁶⁾	2.64	4.27	5.48	8.00	2.02 ⁽⁷⁾	3.28	5.34	6.80	9.68
9	12	1.89	2.75	4.04	5.15	7.50	2.36	3.37	5.02	6.36	9.04
	16	1.66 ⁽⁶⁾	2.67	4.04	5.15	7.50	2.10 ⁽⁷⁾	3.29	5.02	6.36	9.04
	24	1.22 ⁽⁶⁾	2.23 ⁽⁶⁾	3.99 ⁽⁷⁾	5.15	7.50	1.61 ⁽⁶⁾	2.77 ⁽⁶⁾	5.02	6.36	9.04
10	12	1.62 ⁽⁶⁾	2.58	3.78	4.78	6.93	2.05 ⁽⁷⁾	3.17	4.67	5.88	8.33
	16	1.36 ⁽⁶⁾	2.31 ⁽⁶⁾	3.78 ⁽⁷⁾	4.78	6.93	1.75 ⁽⁶⁾	2.85 ⁽⁷⁾	4.67	5.88	8.33
	24	0.87 ⁽³⁾	1.81 ⁽⁶⁾	3.40 ⁽⁶⁾	4.78 ⁽⁶⁾	6.93	1.21 ⁽³⁾	2.26 ⁽⁶⁾	4.32 ⁽⁶⁾	5.88 ⁽⁷⁾	8.33
12	12	1.09 ⁽³⁾	1.92 ⁽⁶⁾	3.10 ⁽⁶⁾	3.97 ⁽⁷⁾	5.69	1.44 ⁽⁶⁾	2.36 ⁽⁶⁾	3.88 ⁽⁷⁾	4.85	6.83
	16	0.79 ⁽³⁾	1.60 ⁽³⁾	2.80 ⁽⁶⁾	3.96 ⁽⁶⁾	5.69 ⁽⁷⁾	1.09 ⁽³⁾	1.98 ⁽⁶⁾	3.54 ⁽⁶⁾	4.85 ⁽⁶⁾	6.83
	24	0.25 ⁽²⁾	1.03 ⁽²⁾	2.26 ⁽³⁾	3.42 ⁽³⁾	5.56 ⁽⁶⁾	0.48 ⁽²⁾	1.31 ⁽³⁾	2.91 ⁽³⁾	4.37 ⁽⁶⁾	6.83 ⁽⁶⁾
14	12	0.64 ⁽²⁾	1.32 ⁽³⁾	2.23 ⁽³⁾	3.16 ⁽⁶⁾	4.60 ⁽⁶⁾	0.89 ⁽³⁾	1.62 ⁽³⁾	2.80 ⁽⁶⁾	3.95 ⁽⁶⁾	5.52 ⁽⁷⁾
	16	0.33 ⁽²⁾	0.98 ⁽²⁾	1.93 ⁽³⁾	2.86 ⁽³⁾	4.54 ⁽⁶⁾	0.53 ⁽²⁾	1.23 ⁽²⁾	2.45 ⁽³⁾	3.61 ⁽⁶⁾	5.52 ⁽⁶⁾
	24		0.41 ⁽²⁾	1.39 ⁽²⁾	2.32 ⁽²⁾	3.94 ⁽³⁾		0.55 ⁽²⁾	1.84 ⁽²⁾	3.01 ⁽³⁾	5.00 ⁽³⁾
16	12	0.29 ⁽²⁾	0.83 ⁽²⁾	1.58 ⁽²⁾	2.33 ⁽³⁾	3.67 ⁽⁶⁾	0.46 ⁽²⁾	1.03 ⁽²⁾	2.00 ⁽³⁾	2.94 ⁽³⁾	4.50 ⁽⁶⁾
	16		0.51 ⁽²⁾	1.28 ⁽²⁾	2.03 ⁽²⁾	3.34 ⁽³⁾	0.12 ⁽²⁾	0.66 ⁽²⁾	1.66 ⁽²⁾	2.60 ⁽³⁾	4.21 ⁽³⁾
	24			0.77 ⁽¹⁾	1.52 ⁽²⁾	2.76 ⁽²⁾		0.01 ⁽¹⁾	1.08 ⁽²⁾	2.03 ⁽²⁾	3.58 ⁽²⁾

15 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.91	6.00	7.91	11.17	1.79	2.49	3.77	5.10
	16		3.91	6.00	7.91	11.17	1.70	2.49	3.77	5.10
	24		3.76	6.00	7.91	11.17	1.39 ⁽⁷⁾	2.34	3.77	5.10
9	12		3.80	5.73	7.40	10.43	1.68	2.44	3.65	4.93
	16		3.80	5.73	7.40	10.43	1.48 ⁽⁷⁾	2.40	3.65	4.93
	24		3.24 ⁽⁷⁾	5.73	7.40	10.43	1.10 ⁽⁶⁾	2.02 ⁽⁶⁾	3.65 ⁽⁷⁾	4.93
10	12		3.69	5.44	6.85	9.64	1.47 ⁽⁷⁾	2.36	3.51	4.70
	16		3.37	5.44	6.85	9.64	1.24 ⁽⁶⁾	2.12 ⁽⁷⁾	3.51	4.70
	24		2.72 ⁽⁶⁾	5.16 ⁽⁷⁾	6.85	9.64	0.80 ⁽³⁾	1.67 ⁽⁶⁾	3.34 ⁽⁶⁾	4.70 ⁽⁷⁾
12	12		2.84 ⁽⁶⁾	4.56	5.67	7.95	1.04 ⁽⁶⁾	1.84 ⁽⁶⁾	3.13 ⁽⁶⁾	4.11 ⁽⁷⁾
	16		2.42 ⁽⁶⁾	4.26 ⁽⁶⁾	5.67 ⁽⁷⁾	7.95	0.75 ⁽³⁾	1.54 ⁽³⁾	2.92 ⁽⁶⁾	4.11 ⁽⁶⁾
	24		1.67 ⁽³⁾	3.56 ⁽⁶⁾	4.94 ⁽⁶⁾	7.95 ⁽⁷⁾	0.24 ⁽²⁾	1.00 ⁽²⁾	2.43 ⁽³⁾	3.60 ⁽³⁾
14	12		1.99 ⁽⁶⁾	3.38 ⁽⁶⁾	4.53 ⁽⁶⁾	6.46	0.63 ⁽²⁾	1.31 ⁽³⁾	2.44 ⁽⁶⁾	3.39 ⁽⁶⁾
	16		1.56 ⁽³⁾	2.99 ⁽³⁾	4.11 ⁽⁶⁾	6.46 ⁽⁶⁾	0.33 ⁽²⁾	0.98 ⁽²⁾	2.14 ⁽³⁾	3.07 ⁽³⁾
	24		0.79 ⁽²⁾	2.30 ⁽²⁾	3.36 ⁽³⁾	6.05 ⁽⁶⁾		0.41 ⁽²⁾	1.61 ⁽²⁾	2.51 ⁽²⁾
16	12		1.31 ⁽³⁾	2.44 ⁽³⁾	3.35 ⁽⁶⁾	5.29 ⁽⁶⁾	0.30 ⁽²⁾	0.85 ⁽²⁾	1.79 ⁽³⁾	2.53 ⁽³⁾
	16		0.88 ⁽²⁾	2.06 ⁽²⁾	2.94 ⁽³⁾	5.10 ⁽⁶⁾		0.52 ⁽²⁾	1.50 ⁽²⁾	2.22 ⁽²⁾
	24		0.15 ⁽²⁾	1.40 ⁽²⁾	2.22 ⁽²⁾	4.39 ⁽³⁾			0.98 ⁽²⁾	1.66 ⁽²⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

15 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)						400S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.23	3.06	4.73	6.27	9.21	2.65	3.76	5.92	7.74	11.17		
	16	2.21	3.06	4.73	6.27	9.21	2.65	3.76	5.92	7.74	11.17		
	24	1.85 ⁽⁷⁾	3.00	4.73	6.27	9.21	2.32	3.72	5.92	7.74	11.17		
9	12	2.16	2.98	4.55	6.01	8.77	2.58	3.65	5.65	7.38	10.59		
	16	1.93	2.98	4.55	6.01	8.77	2.40	3.65	5.65	7.38	10.59		
	24	1.51 ⁽⁶⁾	2.62 ⁽⁷⁾	4.55	6.01	8.77	1.94 ⁽⁶⁾	3.25	5.65	7.38	10.59		
10	12	1.91	2.88	4.33	5.71	8.26	2.37	3.52	5.34	6.97	9.93		
	16	1.65 ⁽⁶⁾	2.71 ⁽⁷⁾	4.33	5.71	8.26	2.08 ⁽⁷⁾	3.33	5.34	6.97	9.93		
	24	1.16 ⁽⁶⁾	2.22 ⁽⁶⁾	4.13 ⁽⁶⁾	5.71 ⁽⁷⁾	8.26	1.54 ⁽⁶⁾	2.75 ⁽⁶⁾	5.23 ⁽⁷⁾	6.97	9.93		
12	12	1.38 ⁽⁶⁾	2.33 ⁽⁶⁾	3.80 ⁽⁷⁾	4.95	7.08	1.77 ⁽⁶⁾	2.85 ⁽⁷⁾	4.66	6.02	8.47		
	16	1.07 ⁽³⁾	2.01 ⁽⁶⁾	3.57 ⁽⁶⁾	4.95 ⁽⁷⁾	7.08	1.42 ⁽⁶⁾	2.47 ⁽⁶⁾	4.47 ⁽⁶⁾	6.02	8.47		
	24	0.50 ⁽²⁾	1.42 ⁽³⁾	2.98 ⁽³⁾	4.51 ⁽⁶⁾	7.08 ⁽⁶⁾	0.79 ⁽³⁾	1.77 ⁽³⁾	3.79 ⁽⁶⁾	5.69 ⁽⁶⁾	8.47 ⁽⁷⁾		
14	12	0.89 ⁽³⁾	1.71 ⁽³⁾	2.92 ⁽⁶⁾	4.10 ⁽⁶⁾	5.80 ⁽⁷⁾	1.20 ⁽³⁾	2.09 ⁽⁶⁾	3.64 ⁽⁶⁾	4.96 ⁽⁷⁾	6.95		
	16	0.56 ⁽²⁾	1.35 ⁽³⁾	2.58 ⁽³⁾	3.79 ⁽⁶⁾	5.80 ⁽⁶⁾	0.82 ⁽²⁾	1.67 ⁽³⁾	3.24 ⁽⁶⁾	4.74 ⁽⁶⁾	6.95 ⁽⁷⁾		
	24		0.72 ⁽²⁾	1.96 ⁽²⁾	3.17 ⁽³⁾	5.25 ⁽³⁾	0.16 ⁽²⁾	0.93 ⁽²⁾	2.54 ⁽³⁾	4.05 ⁽³⁾	6.58 ⁽⁶⁾		
16	12	0.49 ⁽²⁾	1.16 ⁽²⁾	2.15 ⁽³⁾	3.10 ⁽³⁾	4.75 ⁽⁶⁾	0.72 ⁽²⁾	1.43 ⁽³⁾	2.68 ⁽³⁾	3.86 ⁽⁶⁾	5.69 ⁽⁶⁾		
	16	0.16 ⁽²⁾	0.80 ⁽²⁾	1.80 ⁽²⁾	2.76 ⁽³⁾	4.44 ⁽³⁾	0.34 ⁽²⁾	1.01 ⁽²⁾	2.29 ⁽³⁾	3.48 ⁽³⁾	5.54 ⁽⁶⁾		
	24		0.18 ⁽¹⁾	1.20 ⁽²⁾	2.15 ⁽²⁾	3.76 ⁽²⁾		0.28 ⁽²⁾	1.61 ⁽²⁾	2.80 ⁽²⁾	4.80 ⁽³⁾		

15 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)					550S162-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	16		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	24		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
9	12		4.04	6.25	8.55	12.22	2.51	3.47	5.67	7.60
	16		4.04	6.25	8.55	12.22	2.51	3.47	5.67	7.60
	24		3.72	6.25	8.55	12.22	2.35	3.47	5.67	7.60
10	12		3.93	6.04	8.09	11.47	2.49	3.44	5.58	7.48
	16		3.83	6.04	8.09	11.47	2.47	3.44	5.58	7.48
	24		3.21 ⁽⁷⁾	6.04	8.09	11.47	2.08	3.39	5.58	7.48
12	12		3.40	5.44	7.01	9.83	2.29	3.33	5.33	7.13
	16		2.97 ⁽⁶⁾	5.34 ⁽⁷⁾	7.01	9.83	2.01 ⁽⁷⁾	3.27	5.33	7.13
	24		2.19 ⁽⁶⁾	4.58 ⁽⁶⁾	6.44 ⁽⁶⁾	9.83	1.48 ⁽⁶⁾	2.74 ⁽⁶⁾	5.30 ⁽⁷⁾	7.13
14	12		2.54 ⁽⁶⁾	4.36 ⁽⁶⁾	5.81 ⁽⁷⁾	8.11	1.85 ⁽⁶⁾	3.03 ⁽⁷⁾	4.96	6.65
	16		2.06 ⁽³⁾	3.92 ⁽⁶⁾	5.40 ⁽⁶⁾	8.11	1.50 ⁽⁶⁾	2.68 ⁽⁶⁾	4.96 ⁽⁷⁾	6.65
	24		1.23 ⁽²⁾	3.13 ⁽³⁾	4.54 ⁽³⁾	7.90 ⁽⁶⁾	0.87 ⁽³⁾	2.02 ⁽³⁾	4.27 ⁽⁶⁾	6.48 ⁽⁶⁾
16	12		1.78 ⁽³⁾	3.24 ⁽⁶⁾	4.41 ⁽⁶⁾	6.66 ⁽⁷⁾	1.39 ⁽⁶⁾	2.47 ⁽⁶⁾	4.44 ⁽⁶⁾	6.04
	16		1.30 ⁽²⁾	2.79 ⁽³⁾	3.93 ⁽³⁾	6.65 ⁽⁶⁾	1.00 ⁽³⁾	2.06 ⁽³⁾	4.01 ⁽⁶⁾	5.99 ⁽⁶⁾
	24		0.48 ⁽²⁾	2.03 ⁽²⁾	3.10 ⁽³⁾	5.82 ⁽³⁾	0.30 ⁽²⁾	1.32 ⁽²⁾	3.24 ⁽³⁾	5.18 ⁽⁶⁾

15 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)						550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47	
	16	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47	
	24	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47	
9	12	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10	
	16	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10	
	24	2.85	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10	
10	12	2.91	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66	
	16	2.91	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66	
	24	2.56	4.19	7.01	9.28	14.38		4.55	7.27	10.34	16.66	
12	12	2.77	4.06	6.60	8.74	13.51		4.41	6.83	9.81	15.58	
	16	2.47	4.00	6.60	8.74	13.51		4.41	6.83	9.81	15.58	
	24	1.90 ⁽⁶⁾	3.37 ⁽⁷⁾	6.60	8.74	13.51		3.79	6.83	9.81	15.58	
14	12	2.28 ⁽⁷⁾	3.68	6.07	8.04	12.41		4.15	6.57	9.21	14.28	
	16	1.90 ⁽⁶⁾	3.26 ⁽⁷⁾	6.07	8.04	12.41		3.71	6.57	9.21	14.28	
	24	1.21 ⁽³⁾	2.48 ⁽⁶⁾	5.38 ⁽⁶⁾	8.04 ⁽⁷⁾	12.41		2.89 ⁽⁶⁾	6.03 ⁽⁶⁾	9.01	14.28	
16	12	1.77 ⁽⁶⁾	2.99 ⁽⁶⁾	5.47 ⁽⁷⁾	7.25	11.16		3.47 ⁽⁷⁾	6.21	8.43	12.84	
	16	1.34 ⁽³⁾	2.51 ⁽⁶⁾	4.99 ⁽⁶⁾	7.25 ⁽⁷⁾	11.16		2.95 ⁽⁶⁾	5.81 ⁽⁶⁾	8.37	12.84	
	24	0.57 ⁽²⁾	1.64 ⁽³⁾	4.10 ⁽³⁾	6.46 ⁽⁶⁾	11.11 ⁽⁶⁾		2.01 ⁽³⁾	4.85 ⁽⁶⁾	7.25 ⁽⁶⁾	12.84 ⁽⁷⁾	

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

15 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)						600S162-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63	
	16	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63	
	24	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63	
9	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63	
	16	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63	
	24	1.78	2.61	3.90	5.17	7.82	2.51	3.52	5.72	7.57	11.63	
10	12	1.88	2.61	3.90	5.17	7.82	2.55	3.52	5.72	7.57	11.63	
	16	1.88	2.61	3.90	5.17	7.82	2.55	3.52	5.72	7.57	11.63	
	24	1.61	2.61	3.90	5.17	7.82	2.29	3.52	5.72	7.57	11.63	
12	12	1.83	2.61	3.90	5.17	7.82	2.49	3.45	5.61	7.52	11.63	
	16	1.61 ⁽⁷⁾	2.61	3.90	5.17	7.82	2.24	3.45	5.61	7.52	11.63	
	24	1.20 ⁽⁶⁾	2.20 ⁽⁷⁾	3.90	5.17	7.82	1.74 ⁽⁶⁾	3.06 ⁽⁷⁾	5.61	7.52	11.63	
14	12	1.56 ⁽⁷⁾	2.55	3.90	5.17	7.82	2.10 ⁽⁷⁾	3.33	5.32	7.14	11.33	
	16	1.28 ⁽⁶⁾	2.26 ⁽⁶⁾	3.90	5.17	7.82	1.77 ⁽⁶⁾	3.02 ⁽⁷⁾	5.32	7.14	11.33	
	24	0.75 ⁽³⁾	1.73 ⁽⁶⁾	3.64 ⁽⁶⁾	5.17 ⁽⁶⁾	7.82	1.15 ⁽³⁾	2.40 ⁽⁶⁾	4.91 ⁽⁶⁾	7.14 ⁽⁷⁾	11.33	
16	12	1.26 ⁽⁶⁾	2.23 ⁽⁶⁾	3.90 ⁽⁷⁾	5.17	7.82	1.66 ⁽⁶⁾	2.84 ⁽⁶⁾	4.94	6.63	10.48	
	16	0.91 ⁽³⁾	1.87 ⁽⁶⁾	3.73 ⁽⁶⁾	5.17 ⁽⁶⁾	7.82	1.28 ⁽³⁾	2.44 ⁽⁶⁾	4.68 ⁽⁶⁾	6.63 ⁽⁷⁾	10.48	
	24	0.28 ⁽²⁾	1.21 ⁽³⁾	3.11 ⁽³⁾	4.65 ⁽⁶⁾	7.82 ⁽⁶⁾	0.58 ⁽²⁾	1.71 ⁽³⁾	3.91 ⁽⁶⁾	6.10 ⁽⁶⁾	10.48 ⁽⁷⁾	

15 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)					600S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	16	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	24	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
9	12	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
	16	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
	24	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
10	12	2.98	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60
	16	2.98	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60
	24	2.78	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60
12	12	2.91	4.23	7.00	9.28	14.44		4.55	7.26	10.34	16.69
	16	2.71	4.23	7.00	9.28	14.44		4.55	7.26	10.34	16.69
	24	2.17 ⁽⁷⁾	3.77	7.00	9.28	14.44		4.18	7.26	10.34	16.69
14	12	2.54	4.05	6.55	8.69	13.51		4.40	6.83	9.78	15.55
	16	2.18 ⁽⁶⁾	3.68	6.55	8.69	13.51		4.12	6.83	9.78	15.55
	24	1.51 ⁽⁶⁾	2.94 ⁽⁶⁾	6.19 ⁽⁷⁾	8.69	13.51		3.35 ⁽⁶⁾	6.66 ⁽⁷⁾	9.78	15.55
16	12	2.06 ⁽⁶⁾	3.43 ⁽⁷⁾	6.02	7.98	12.39		3.90	6.56	9.18	14.25
	16	1.64 ⁽⁶⁾	2.96 ⁽⁶⁾	5.82 ⁽⁷⁾	7.98	12.39		3.40 ⁽⁶⁾	6.52	9.18	14.25
	24	0.87 ⁽³⁾	2.10 ⁽³⁾	4.93 ⁽⁶⁾	7.58 ⁽⁶⁾	12.39		2.48 ⁽⁶⁾	5.59 ⁽⁶⁾	8.45 ⁽⁷⁾	14.25

15 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68		97	33	43	54		68	97
8	12	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	24	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
9	12	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	24	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
10	12	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	24	2.46	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
12	12	2.52	3.48	5.60	7.44	11.56	3.05	4.50	7.66	10.18	15.96		
	16	2.48	3.48	5.60	7.44	11.56	3.05	4.50	7.66	10.18	15.96		
	24	2.06	3.48	5.60	7.44	11.56	2.61	4.50	7.66	10.18	15.96		
14	12	2.43	3.48	5.60	7.44	11.56	2.97	4.39	7.39	9.82	15.40		
	16	2.14	3.48	5.60	7.44	11.56	2.65	4.39	7.39	9.82	15.40		
	24	1.58 ⁽⁶⁾	3.05 ⁽⁷⁾	5.60	7.44	11.56	2.04 ⁽⁷⁾	3.85	7.39	9.82	15.40		
16	12	2.12 ⁽⁷⁾	3.48	5.60	7.44	11.56	2.56	4.24	7.01	9.33	14.62		
	16	1.75 ⁽⁶⁾	3.19 ⁽⁷⁾	5.60	7.44	11.56	2.17 ⁽⁷⁾	3.89	7.01	9.33	14.62		
	24	1.06 ⁽⁶⁾	2.54 ⁽⁶⁾	5.24 ⁽⁶⁾	7.44 ⁽⁷⁾	11.56	1.42 ⁽⁶⁾	3.11 ⁽⁶⁾	6.70 ⁽⁷⁾	9.33	14.62		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

15 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)						800S137-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	16		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	24		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
9	12		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	16		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	24		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
10	12		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46		
	16		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46		
	24		4.86	8.01	11.36	19.18	1.74	2.50	3.62	4.83	7.46		
12	12		4.78	7.83	11.18	18.61	1.79	2.50	3.62	4.83	7.46		
	16		4.78	7.83	11.18	18.61	1.76	2.50	3.62	4.83	7.46		
	24		4.78	7.83	11.18	18.61	1.46	2.48	3.62	4.83	7.46		
14	12		4.69	7.58	10.87	17.82	1.74	2.50	3.62	4.83	7.46		
	16		4.69	7.58	10.87	17.82	1.53	2.50	3.62	4.83	7.46		
	24		4.23	7.58	10.87	17.82	1.13 ⁽⁷⁾	2.16	3.62	4.83	7.46		
16	12		4.56	7.27	10.37	16.84	1.53	2.50	3.62	4.83	7.46		
	16		4.30	7.27	10.37	16.84	1.26 ⁽⁷⁾	2.28	3.62	4.83	7.46		
	24		3.49 ⁽⁷⁾	7.15	10.37	16.84	0.75 ⁽⁶⁾	1.80 ⁽⁶⁾	3.56 ⁽⁷⁾	4.83	7.46		

15 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)					800S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
9	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
10	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
12	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.16	3.44	5.51	7.34	11.45	2.80	4.58	7.85	10.39	16.13
14	12	2.49	3.44	5.51	7.34	11.45	3.06	4.52	7.71	10.25	16.12
	16	2.24	3.44	5.51	7.34	11.45	2.86	4.52	7.71	10.25	16.12
	24	1.74 ⁽⁷⁾	3.13	5.51	7.34	11.45	2.28	4.25	7.71	10.25	16.12
16	12	2.23	3.44	5.51	7.34	11.45	2.79	4.40	7.42	9.88	15.53
	16	1.90 ⁽⁷⁾	3.27	5.51	7.34	11.45	2.42	4.31	7.42	9.88	15.53
	24	1.26 ⁽⁶⁾	2.66 ⁽⁶⁾	5.51	7.34	11.45	1.70 ⁽⁶⁾	3.59 ⁽⁷⁾	7.42	9.88	15.53

15 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.96	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.94	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.93	8.18	11.55	19.61
	24		4.93	8.18	11.55	19.61
12	12		4.87	8.05	11.42	19.34
	16		4.87	8.05	11.42	19.34
	24		4.87	8.05	11.42	19.34
14	12		4.80	7.86	11.24	18.75
	16		4.80	7.86	11.24	18.75
	24		4.57	7.86	11.24	18.75
16	12		4.70	7.61	10.91	17.95
	16		4.65	7.61	10.91	17.95
	24		3.90	7.61	10.91	17.95

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

20 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)						350S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	1.86	2.76	4.08	5.17	7.58	2.33	3.40	5.11	6.42	9.17		
	16	1.60 ⁽⁶⁾	2.62	4.08	5.17	7.58	2.04 ⁽⁷⁾	3.26	5.11	6.42	9.17		
	24	1.12 ⁽⁶⁾	2.15 ⁽⁶⁾	3.95 ⁽⁷⁾	5.17	7.58	1.51 ⁽⁶⁾	2.69 ⁽⁶⁾	5.07	6.42	9.17		
9	12	1.56 ⁽⁶⁾	2.52 ⁽⁷⁾	3.82	4.83	7.06	1.98 ⁽⁷⁾	3.12	4.77	5.97	8.50		
	16	1.26 ⁽⁶⁾	2.23 ⁽⁶⁾	3.82 ⁽⁷⁾	4.83	7.06	1.65 ⁽⁶⁾	2.77 ⁽⁷⁾	4.77	5.97	8.50		
	24	0.71 ⁽³⁾	1.67 ⁽³⁾	3.30 ⁽⁶⁾	4.77 ⁽⁶⁾	7.06	1.04 ⁽³⁾	2.11 ⁽⁶⁾	4.26 ⁽⁶⁾	5.97 ⁽⁷⁾	8.50		
10	12	1.25 ⁽⁶⁾	2.16 ⁽⁶⁾	3.52 ⁽⁷⁾	4.46	6.48	1.64 ⁽⁶⁾	2.67 ⁽⁷⁾	4.39	5.49	7.79		
	16	0.92 ⁽³⁾	1.83 ⁽⁶⁾	3.25 ⁽⁶⁾	4.46 ⁽⁶⁾	6.48	1.27 ⁽³⁾	2.27 ⁽⁶⁾	4.15 ⁽⁶⁾	5.49 ⁽⁷⁾	7.79		
	24	0.33 ⁽²⁾	1.22 ⁽³⁾	2.66 ⁽³⁾	4.01 ⁽⁶⁾	6.48 ⁽⁶⁾	0.60 ⁽²⁾	1.55 ⁽³⁾	3.46 ⁽⁶⁾	5.14 ⁽⁶⁾	7.79 ⁽⁷⁾		
12	12	0.69 ⁽²⁾	1.46 ⁽³⁾	2.53 ⁽⁶⁾	3.60 ⁽⁶⁾	5.25 ⁽⁷⁾	0.98 ⁽³⁾	1.81 ⁽³⁾	3.21 ⁽⁶⁾	4.48 ⁽⁶⁾	6.31		
	16	0.33 ⁽²⁾	1.08 ⁽²⁾	2.18 ⁽³⁾	3.26 ⁽³⁾	5.23 ⁽⁶⁾	0.57 ⁽²⁾	1.36 ⁽³⁾	2.80 ⁽³⁾	4.14 ⁽⁶⁾	6.31 ⁽⁶⁾		
	24		0.42 ⁽²⁾	1.56 ⁽²⁾	2.64 ⁽²⁾	4.54 ⁽³⁾		0.58 ⁽²⁾	2.09 ⁽²⁾	3.45 ⁽³⁾	5.76 ⁽⁶⁾		
14	12	0.25 ⁽²⁾	0.86 ⁽²⁾	1.72 ⁽²⁾	2.58 ⁽³⁾	4.12 ⁽⁶⁾	0.44 ⁽²⁾	1.09 ⁽²⁾	2.20 ⁽³⁾	3.27 ⁽³⁾	5.09 ⁽⁶⁾		
	16		0.48 ⁽²⁾	1.38 ⁽²⁾	2.23 ⁽²⁾	3.73 ⁽³⁾	0.04 ⁽²⁾	0.64 ⁽²⁾	1.80 ⁽²⁾	2.88 ⁽³⁾	4.72 ⁽³⁾		
	24			0.78 ⁽¹⁾	1.63 ⁽²⁾	3.05 ⁽²⁾			1.11 ⁽²⁾	2.20 ⁽²⁾	3.97 ⁽²⁾		
16	12		0.41 ⁽²⁾	1.13 ⁽²⁾	1.82 ⁽²⁾	3.01 ⁽³⁾	0.06 ⁽¹⁾	0.55 ⁽²⁾	1.47 ⁽²⁾	2.34 ⁽²⁾	3.82 ⁽³⁾		
	16		0.06 ⁽¹⁾	0.80 ⁽¹⁾	1.49 ⁽²⁾	2.64 ⁽²⁾		0.13 ⁽¹⁾	1.10 ⁽²⁾	1.97 ⁽²⁾	3.41 ⁽²⁾		
	24			0.24 ⁽¹⁾	0.91 ⁽¹⁾	1.99 ⁽²⁾			0.45 ⁽¹⁾	1.32 ⁽¹⁾	2.69 ⁽²⁾		

20 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.82	5.79	7.47	10.57	1.50	2.32	3.42	4.45
	16		3.75	5.79	7.47	10.57	1.27 ⁽⁶⁾	2.14 ⁽⁷⁾	3.42	4.45
	24		3.15 ⁽⁷⁾	5.79	7.47	10.57	0.85 ⁽⁶⁾	1.72 ⁽⁶⁾	3.36 ⁽⁶⁾	4.45 ⁽⁷⁾
9	12		3.64	5.51	6.95	9.81	1.25 ⁽⁶⁾	2.09 ⁽⁷⁾	3.27	4.21
	16		3.25	5.51	6.95	9.81	0.99 ⁽⁶⁾	1.82 ⁽⁶⁾	3.27 ⁽⁷⁾	4.21
	24		2.54 ⁽⁶⁾	5.07 ⁽⁶⁾	6.91	9.81	0.50 ⁽³⁾	1.32 ⁽³⁾	2.87 ⁽⁶⁾	4.09 ⁽⁶⁾
10	12		3.21 ⁽⁷⁾	5.13	6.40	9.01	1.00 ⁽⁶⁾	1.79 ⁽⁶⁾	3.06 ⁽⁶⁾	3.94
	16		2.76 ⁽⁶⁾	4.97 ⁽⁷⁾	6.40	9.01	0.70 ⁽³⁾	1.48 ⁽³⁾	2.86 ⁽⁶⁾	3.94 ⁽⁶⁾
	24		1.96 ⁽³⁾	4.21 ⁽⁶⁾	5.81 ⁽⁶⁾	9.01	0.17 ⁽²⁾	0.92 ⁽²⁾	2.36 ⁽³⁾	3.47 ⁽⁶⁾
12	12		2.22 ⁽⁶⁾	3.87 ⁽⁶⁾	5.19 ⁽⁷⁾	7.34	0.53 ⁽²⁾	1.20 ⁽³⁾	2.30 ⁽³⁾	3.21 ⁽⁶⁾
	16		1.72 ⁽³⁾	3.42 ⁽⁶⁾	4.70 ⁽⁶⁾	7.34 ⁽⁷⁾	0.19 ⁽²⁾	0.84 ⁽²⁾	1.99 ⁽³⁾	2.88 ⁽³⁾
	24		0.84 ⁽²⁾	2.61 ⁽³⁾	3.85 ⁽³⁾	6.95 ⁽⁶⁾		0.22 ⁽²⁾	1.43 ⁽²⁾	2.29 ⁽²⁾
14	12		1.39 ⁽³⁾	2.69 ⁽³⁾	3.72 ⁽⁶⁾	5.96 ⁽⁶⁾	0.14 ⁽²⁾	0.68 ⁽²⁾	1.59 ⁽²⁾	2.31 ⁽³⁾
	16		0.88 ⁽²⁾	2.25 ⁽²⁾	3.24 ⁽³⁾	5.71 ⁽⁶⁾		0.32 ⁽²⁾	1.28 ⁽²⁾	1.97 ⁽²⁾
	24		0.02 ⁽²⁾	1.46 ⁽²⁾	2.39 ⁽²⁾	4.88 ⁽³⁾			0.73 ⁽¹⁾	1.38 ⁽²⁾
16	12		0.74 ⁽²⁾	1.84 ⁽²⁾	2.64 ⁽³⁾	4.64 ⁽⁶⁾		0.29 ⁽¹⁾	1.06 ⁽²⁾	1.61 ⁽²⁾
	16		0.27 ⁽²⁾	1.41 ⁽²⁾	2.18 ⁽²⁾	4.18 ⁽³⁾			0.75 ⁽¹⁾	1.29 ⁽²⁾
	24			0.68 ⁽¹⁾	1.37 ⁽²⁾	3.38 ⁽²⁾			0.23 ⁽¹⁾	0.73 ⁽¹⁾

20 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)						362S200-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97		
8	12	1.95	2.85	4.27	5.48	8.00	2.43	3.50	5.34	6.80	9.68		
	16	1.70 ⁽⁷⁾	2.76	4.27	5.48	8.00	2.15	3.42	5.34	6.80	9.68		
	24	1.23 ⁽⁶⁾	2.29 ⁽⁶⁾	4.21 ⁽⁷⁾	5.48	8.00	1.63 ⁽⁶⁾	2.86 ⁽⁷⁾	5.34	6.80	9.68		
9	12	1.66 ⁽⁶⁾	2.67	4.04	5.15	7.50	2.10 ⁽⁷⁾	3.29	5.02	6.36	9.04		
	16	1.36 ⁽⁶⁾	2.37 ⁽⁶⁾	4.04 ⁽⁷⁾	5.15	7.50	1.77 ⁽⁶⁾	2.94 ⁽⁷⁾	5.02	6.36	9.04		
	24	0.82 ⁽³⁾	1.82 ⁽⁶⁾	3.58 ⁽⁶⁾	5.15 ⁽⁶⁾	7.50	1.16 ⁽³⁾	2.28 ⁽⁶⁾	4.59 ⁽⁶⁾	6.36 ⁽⁷⁾	9.04		
10	12	1.36 ⁽⁶⁾	2.31 ⁽⁶⁾	3.78 ⁽⁷⁾	4.78	6.93	1.75 ⁽⁶⁾	2.85 ⁽⁷⁾	4.67	5.88	8.33		
	16	1.03 ⁽³⁾	1.97 ⁽⁶⁾	3.55 ⁽⁶⁾	4.78 ⁽⁷⁾	6.93	1.38 ⁽⁶⁾	2.45 ⁽⁶⁾	4.50 ⁽⁷⁾	5.88	8.33		
	24	0.43 ⁽²⁾	1.36 ⁽³⁾	2.95 ⁽³⁾	4.39 ⁽⁶⁾	6.93 ⁽⁶⁾	0.71 ⁽³⁾	1.72 ⁽³⁾	3.79 ⁽⁶⁾	5.60 ⁽⁶⁾	8.33 ⁽⁷⁾		
12	12	0.79 ⁽³⁾	1.60 ⁽³⁾	2.80 ⁽⁶⁾	3.96 ⁽⁶⁾	5.69 ⁽⁷⁾	1.09 ⁽³⁾	1.98 ⁽⁶⁾	3.54 ⁽⁶⁾	4.85 ⁽⁶⁾	6.83		
	16	0.42 ⁽²⁾	1.21 ⁽²⁾	2.43 ⁽³⁾	3.60 ⁽⁶⁾	5.69 ⁽⁶⁾	0.68 ⁽²⁾	1.52 ⁽³⁾	3.11 ⁽³⁾	4.56 ⁽⁶⁾	6.83 ⁽⁶⁾		
	24		0.53 ⁽²⁾	1.78 ⁽²⁾	2.95 ⁽³⁾	5.02 ⁽³⁾		0.72 ⁽²⁾	2.36 ⁽²⁾	3.83 ⁽³⁾	6.35 ⁽⁶⁾		
14	12	0.33 ⁽²⁾	0.98 ⁽²⁾	1.93 ⁽³⁾	2.86 ⁽³⁾	4.54 ⁽⁶⁾	0.53 ⁽²⁾	1.23 ⁽²⁾	2.45 ⁽³⁾	3.61 ⁽⁶⁾	5.52 ⁽⁶⁾		
	16		0.59 ⁽²⁾	1.56 ⁽²⁾	2.49 ⁽²⁾	4.13 ⁽³⁾	0.11 ⁽²⁾	0.77 ⁽²⁾	2.03 ⁽²⁾	3.20 ⁽³⁾	5.21 ⁽⁶⁾		
	24			0.93 ⁽²⁾	1.85 ⁽²⁾	3.41 ⁽²⁾			1.30 ⁽²⁾	2.48 ⁽²⁾	4.42 ⁽³⁾		
16	12		0.51 ⁽²⁾	1.28 ⁽²⁾	2.03 ⁽²⁾	3.34 ⁽³⁾	0.12 ⁽²⁾	0.66 ⁽²⁾	1.66 ⁽²⁾	2.60 ⁽³⁾	4.21 ⁽³⁾		
	16		0.13 ⁽¹⁾	0.94 ⁽²⁾	1.68 ⁽²⁾	2.95 ⁽²⁾		0.22 ⁽²⁾	1.26 ⁽²⁾	2.21 ⁽²⁾	3.78 ⁽³⁾		
	24			0.33 ⁽¹⁾	1.07 ⁽¹⁾	2.26 ⁽²⁾			0.57 ⁽¹⁾	1.52 ⁽²⁾	3.02 ⁽²⁾		

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

20 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.91	6.00	7.91	11.17	1.70	2.49	3.77	5.10
	16		3.91	6.00	7.91	11.17	1.49 ⁽⁷⁾	2.44	3.77	5.10
	24		3.32	6.00	7.91	11.17	1.08 ⁽⁶⁾	2.03 ⁽⁶⁾	3.77	5.10
9	12		3.80	5.73	7.40	10.43	1.48 ⁽⁷⁾	2.40	3.65	4.93
	16		3.43	5.73	7.40	10.43	1.22 ⁽⁶⁾	2.14 ⁽⁷⁾	3.65	4.93
	24		2.72 ⁽⁶⁾	5.39 ⁽⁷⁾	7.40	10.43	0.74 ⁽³⁾	1.65 ⁽⁶⁾	3.44 ⁽⁶⁾	4.93 ⁽⁷⁾
10	12		3.37	5.44	6.85	9.64	1.24 ⁽⁶⁾	2.12 ⁽⁷⁾	3.51	4.70
	16		2.93 ⁽⁶⁾	5.37 ⁽⁷⁾	6.85	9.64	0.94 ⁽³⁾	1.82 ⁽⁶⁾	3.47 ⁽⁶⁾	4.70 ⁽⁷⁾
	24		2.13 ⁽⁶⁾	4.58 ⁽⁶⁾	6.34 ⁽⁶⁾	9.64	0.40 ⁽²⁾	1.26 ⁽³⁾	2.95 ⁽⁶⁾	4.40 ⁽⁶⁾
12	12		2.42 ⁽⁶⁾	4.26 ⁽⁶⁾	5.67 ⁽⁷⁾	7.95	0.75 ⁽³⁾	1.54 ⁽³⁾	2.92 ⁽⁶⁾	4.11 ⁽⁶⁾
	16		1.90 ⁽³⁾	3.78 ⁽⁶⁾	5.18 ⁽⁶⁾	7.95 ⁽⁷⁾	0.41 ⁽²⁾	1.17 ⁽³⁾	2.59 ⁽³⁾	3.78 ⁽⁶⁾
	24		1.01 ⁽²⁾	2.94 ⁽³⁾	4.28 ⁽³⁾	7.64 ⁽⁶⁾		0.51 ⁽²⁾	1.98 ⁽²⁾	3.11 ⁽³⁾
14	12		1.56 ⁽³⁾	2.99 ⁽³⁾	4.11 ⁽⁶⁾	6.46 ⁽⁶⁾	0.33 ⁽²⁾	0.98 ⁽²⁾	2.14 ⁽³⁾	3.07 ⁽³⁾
	16		1.03 ⁽²⁾	2.51 ⁽³⁾	3.60 ⁽³⁾	6.27 ⁽⁶⁾		0.59 ⁽²⁾	1.78 ⁽²⁾	2.69 ⁽³⁾
	24		0.13 ⁽²⁾	1.69 ⁽²⁾	2.71 ⁽²⁾	5.40 ⁽³⁾			1.15 ⁽²⁾	2.01 ⁽²⁾
16	12		0.88 ⁽²⁾	2.06 ⁽²⁾	2.94 ⁽³⁾	5.10 ⁽⁶⁾		0.52 ⁽²⁾	1.50 ⁽²⁾	2.22 ⁽²⁾
	16		0.38 ⁽²⁾	1.60 ⁽²⁾	2.45 ⁽²⁾	4.62 ⁽³⁾		0.13 ⁽¹⁾	1.14 ⁽²⁾	1.84 ⁽²⁾
	24			0.83 ⁽¹⁾	1.60 ⁽²⁾	3.77 ⁽²⁾			0.53 ⁽¹⁾	1.19 ⁽¹⁾

20 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)					400S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.21	3.06	4.73	6.27	9.21	2.65	3.76	5.92	7.74	11.17
	16	1.97	3.06	4.73	6.27	9.21	2.45	3.76	5.92	7.74	11.17
	24	1.52 ⁽⁶⁾	2.67 ⁽⁷⁾	4.73	6.27	9.21	1.95 ⁽⁷⁾	3.32	5.92	7.74	11.17
9	12	1.93	2.98	4.55	6.01	8.77	2.40	3.65	5.65	7.38	10.59
	16	1.65 ⁽⁶⁾	2.76 ⁽⁷⁾	4.55	6.01	8.77	2.09 ⁽⁷⁾	3.41	5.65	7.38	10.59
	24	1.11 ⁽⁶⁾	2.22 ⁽⁶⁾	4.30 ⁽⁶⁾	6.01	8.77	1.50 ⁽⁶⁾	2.77 ⁽⁶⁾	5.48 ⁽⁷⁾	7.38	10.59
10	12	1.65 ⁽⁶⁾	2.71 ⁽⁷⁾	4.33	5.71	8.26	2.08 ⁽⁷⁾	3.33	5.34	6.97	9.93
	16	1.32 ⁽⁶⁾	2.38 ⁽⁶⁾	4.30 ⁽⁷⁾	5.71	8.26	1.71 ⁽⁶⁾	2.94 ⁽⁷⁾	5.34	6.97	9.93
	24	0.71 ⁽³⁾	1.76 ⁽³⁾	3.67 ⁽⁶⁾	5.53 ⁽⁶⁾	8.26	1.05 ⁽³⁾	2.21 ⁽⁶⁾	4.69 ⁽⁶⁾	6.97 ⁽⁷⁾	9.93
12	12	1.07 ⁽³⁾	2.01 ⁽⁶⁾	3.57 ⁽⁶⁾	4.95 ⁽⁷⁾	7.08	1.42 ⁽⁶⁾	2.47 ⁽⁶⁾	4.47 ⁽⁶⁾	6.02	8.47
	16	0.68 ⁽²⁾	1.61 ⁽³⁾	3.17 ⁽⁶⁾	4.71 ⁽⁶⁾	7.08 ⁽⁷⁾	0.99 ⁽³⁾	1.99 ⁽³⁾	4.00 ⁽⁶⁾	5.91 ⁽⁶⁾	8.47
	24		0.89 ⁽²⁾	2.44 ⁽³⁾	3.97 ⁽³⁾	6.59 ⁽⁶⁾	0.23 ⁽²⁾	1.15 ⁽²⁾	3.17 ⁽³⁾	5.08 ⁽⁶⁾	8.25 ⁽⁶⁾
14	12	0.56 ⁽²⁾	1.35 ⁽³⁾	2.58 ⁽³⁾	3.79 ⁽⁶⁾	5.80 ⁽⁶⁾	0.82 ⁽²⁾	1.67 ⁽³⁾	3.24 ⁽⁶⁾	4.74 ⁽⁶⁾	6.95 ⁽⁷⁾
	16	0.15 ⁽²⁾	0.92 ⁽²⁾	2.16 ⁽²⁾	3.36 ⁽³⁾	5.47 ⁽⁶⁾	0.37 ⁽²⁾	1.16 ⁽²⁾	2.76 ⁽³⁾	4.27 ⁽³⁾	6.82 ⁽⁶⁾
	24		0.18 ⁽²⁾	1.43 ⁽²⁾	2.62 ⁽²⁾	4.63 ⁽³⁾		0.29 ⁽²⁾	1.92 ⁽²⁾	3.43 ⁽²⁾	5.91 ⁽³⁾
16	12	0.16 ⁽²⁾	0.80 ⁽²⁾	1.80 ⁽²⁾	2.76 ⁽³⁾	4.44 ⁽³⁾	0.34 ⁽²⁾	1.01 ⁽²⁾	2.29 ⁽³⁾	3.48 ⁽³⁾	5.54 ⁽⁶⁾
	16		0.38 ⁽²⁾	1.39 ⁽²⁾	2.34 ⁽²⁾	3.98 ⁽³⁾		0.51 ⁽²⁾	1.82 ⁽²⁾	3.02 ⁽²⁾	5.04 ⁽³⁾
	24			0.69 ⁽¹⁾	1.63 ⁽²⁾	3.17 ⁽²⁾			1.02 ⁽²⁾	2.21 ⁽²⁾	4.15 ⁽²⁾

20 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)					550S162-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	16		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	24		3.78	6.39	8.85	12.91	2.33	3.50	5.75	7.60
9	12		4.04	6.25	8.55	12.22	2.51	3.47	5.67	7.60
	16		3.89	6.25	8.55	12.22	2.45	3.47	5.67	7.60
	24		3.22 ⁽⁷⁾	6.23	8.55	12.22	2.03	3.36	5.67	7.60
10	12		3.83	6.04	8.09	11.47	2.47	3.44	5.58	7.48
	16		3.41 ⁽⁷⁾	6.04	8.09	11.47	2.21	3.44	5.58	7.48
	24		2.63 ⁽⁶⁾	5.48 ⁽⁶⁾	7.90	11.47	1.70 ⁽⁶⁾	3.01	5.58	7.48
12	12		2.97 ⁽⁶⁾	5.34 ⁽⁷⁾	7.01	9.83	2.01 ⁽⁷⁾	3.27	5.33	7.13
	16		2.44 ⁽⁶⁾	4.82 ⁽⁶⁾	6.71 ⁽⁷⁾	9.83	1.65 ⁽⁶⁾	2.91 ⁽⁷⁾	5.33	7.13
	24		1.50 ⁽³⁾	3.90 ⁽³⁾	5.69 ⁽⁶⁾	9.83 ⁽⁶⁾	0.98 ⁽³⁾	2.23 ⁽⁶⁾	4.76 ⁽⁶⁾	7.13 ⁽⁷⁾
14	12		2.06 ⁽³⁾	3.92 ⁽⁶⁾	5.40 ⁽⁶⁾	8.11	1.50 ⁽⁶⁾	2.68 ⁽⁶⁾	4.96 ⁽⁷⁾	6.65
	16		1.50 ⁽³⁾	3.38 ⁽³⁾	4.81 ⁽⁶⁾	8.11 ⁽⁶⁾	1.07 ⁽³⁾	2.23 ⁽⁶⁾	4.49 ⁽⁶⁾	6.65 ⁽⁷⁾
	24		0.51 ⁽²⁾	2.44 ⁽²⁾	3.78 ⁽³⁾	7.15 ⁽⁶⁾	0.29 ⁽²⁾	1.42 ⁽³⁾	3.63 ⁽³⁾	5.82 ⁽⁶⁾
16	12		1.30 ⁽²⁾	2.79 ⁽³⁾	3.93 ⁽³⁾	6.65 ⁽⁶⁾	1.00 ⁽³⁾	2.06 ⁽³⁾	4.01 ⁽⁶⁾	5.99 ⁽⁶⁾
	16		0.73 ⁽²⁾	2.27 ⁽²⁾	3.36 ⁽³⁾	6.08 ⁽⁶⁾	0.52 ⁽²⁾	1.56 ⁽³⁾	3.48 ⁽³⁾	5.44 ⁽⁶⁾
	24			1.37 ⁽²⁾	2.37 ⁽²⁾	5.10 ⁽³⁾		0.67 ⁽²⁾	2.54 ⁽²⁾	4.45 ⁽³⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

20 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)					550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	16	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	24	2.85	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
9	12	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10
	16	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10
	24	2.51	4.18	7.18	9.50	14.72		4.59	7.41	10.56	17.10
10	12	2.91	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66
	16	2.70	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66
	24	2.15 ⁽⁷⁾	3.74	7.01	9.28	14.38		4.15	7.27	10.34	16.66
12	12	2.47	4.00	6.60	8.74	13.51		4.41	6.83	9.81	15.58
	16	2.08 ⁽⁶⁾	3.57	6.60	8.74	13.51		4.00	6.83	9.81	15.58
	24	1.36 ⁽⁶⁾	2.77 ⁽⁶⁾	6.07 ⁽⁷⁾	8.74	13.51		3.17 ⁽⁶⁾	6.51 ⁽⁷⁾	9.81	15.58
14	12	1.90 ⁽⁶⁾	3.26 ⁽⁷⁾	6.07	8.04	12.41		3.71	6.57	9.21	14.28
	16	1.43 ⁽⁶⁾	2.74 ⁽⁶⁾	5.64 ⁽⁶⁾	8.04	12.41		3.16 ⁽⁶⁾	6.30 ⁽⁷⁾	9.21	14.28
	24	0.58 ⁽³⁾	1.77 ⁽³⁾	4.64 ⁽⁶⁾	7.32 ⁽⁶⁾	12.41 ⁽⁷⁾		2.14 ⁽⁶⁾	5.27 ⁽⁶⁾	8.10 ⁽⁶⁾	14.28
16	12	1.34 ⁽³⁾	2.51 ⁽⁶⁾	4.99 ⁽⁶⁾	7.25 ⁽⁷⁾	11.16		2.95 ⁽⁶⁾	5.81 ⁽⁶⁾	8.37	12.84
	16	0.81 ⁽³⁾	1.92 ⁽³⁾	4.39 ⁽⁶⁾	6.75 ⁽⁶⁾	11.16 ⁽⁷⁾		2.31 ⁽⁶⁾	5.16 ⁽⁶⁾	7.60 ⁽⁶⁾	12.84
	24		0.87 ⁽²⁾	3.31 ⁽³⁾	5.65 ⁽³⁾	10.14 ⁽⁶⁾		1.17 ⁽³⁾	3.98 ⁽³⁾	6.24 ⁽⁶⁾	11.98 ⁽⁶⁾

20 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)					600S162-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	16	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	24	1.75	2.61	3.90	5.17	7.82	2.48	3.52	5.72	7.57	11.63
9	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	16	1.86	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	24	1.55	2.56	3.90	5.17	7.82	2.23	3.52	5.72	7.57	11.63
10	12	1.88	2.61	3.90	5.17	7.82	2.55	3.52	5.72	7.57	11.63
	16	1.70	2.61	3.90	5.17	7.82	2.41	3.52	5.72	7.57	11.63
	24	1.32 ⁽⁷⁾	2.33	3.90	5.17	7.82	1.94 ⁽⁷⁾	3.29	5.72	7.57	11.63
12	12	1.61 ⁽⁷⁾	2.61	3.90	5.17	7.82	2.24	3.45	5.61	7.52	11.63
	16	1.33 ⁽⁶⁾	2.34 ⁽⁷⁾	3.90	5.17	7.82	1.90 ⁽⁷⁾	3.22	5.61	7.52	11.63
	24	0.81 ⁽⁶⁾	1.81 ⁽⁶⁾	3.76 ⁽⁶⁾	5.17 ⁽⁷⁾	7.82	1.27 ⁽⁶⁾	2.59 ⁽⁶⁾	5.34 ⁽⁷⁾	7.52	11.63
14	12	1.28 ⁽⁶⁾	2.26 ⁽⁶⁾	3.90	5.17	7.82	1.77 ⁽⁶⁾	3.02 ⁽⁷⁾	5.32	7.14	11.33
	16	0.92 ⁽³⁾	1.90 ⁽⁶⁾	3.80 ⁽⁶⁾	5.17 ⁽⁷⁾	7.82	1.35 ⁽⁶⁾	2.60 ⁽⁶⁾	5.13 ⁽⁷⁾	7.14	11.33
	24	0.26 ⁽²⁾	1.22 ⁽³⁾	3.18 ⁽⁶⁾	4.76 ⁽⁶⁾	7.82 ⁽⁷⁾	0.59 ⁽³⁾	1.81 ⁽³⁾	4.28 ⁽⁶⁾	6.70 ⁽⁶⁾	11.33 ⁽⁷⁾
16	12	0.91 ⁽³⁾	1.87 ⁽⁶⁾	3.73 ⁽⁶⁾	5.17 ⁽⁶⁾	7.82	1.28 ⁽³⁾	2.44 ⁽⁶⁾	4.68 ⁽⁶⁾	6.63 ⁽⁷⁾	10.48
	16	0.48 ⁽²⁾	1.42 ⁽³⁾	3.31 ⁽⁶⁾	4.86 ⁽⁶⁾	7.82 ⁽⁷⁾	0.80 ⁽³⁾	1.95 ⁽³⁾	4.16 ⁽⁶⁾	6.36 ⁽⁶⁾	10.48 ⁽⁷⁾
	24		0.61 ⁽²⁾	2.54 ⁽³⁾	4.03 ⁽³⁾	7.16 ⁽⁶⁾		1.05 ⁽²⁾	3.20 ⁽³⁾	5.36 ⁽³⁾	9.72 ⁽⁶⁾

20 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)					600S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	16	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	24	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
9	12	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
	16	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
	24	2.73	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
10	12	2.98	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60
	16	2.90	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60
	24	2.40	4.10	7.34	9.72	15.14		4.49	7.55	10.79	17.60
12	12	2.71	4.23	7.00	9.28	14.44		4.55	7.26	10.34	16.69
	16	2.35 ⁽⁷⁾	3.96	7.00	9.28	14.44		4.38	7.26	10.34	16.69
	24	1.66 ⁽⁶⁾	3.20 ⁽⁷⁾	6.82	9.28	14.44		3.60 ⁽⁷⁾	7.26	10.34	16.69
14	12	2.18 ⁽⁶⁾	3.68	6.55	8.69	13.51		4.12	6.83	9.78	15.55
	16	1.73 ⁽⁶⁾	3.18 ⁽⁶⁾	6.44 ⁽⁷⁾	8.69	13.51		3.60 ⁽⁷⁾	6.83	9.78	15.55
	24	0.90 ⁽³⁾	2.24 ⁽⁶⁾	5.46 ⁽⁶⁾	8.40 ⁽⁶⁾	13.51		2.62 ⁽⁶⁾	5.94 ⁽⁶⁾	9.20 ⁽⁷⁾	15.55
16	12	1.64 ⁽⁶⁾	2.96 ⁽⁶⁾	5.82 ⁽⁷⁾	7.98	12.39		3.40 ⁽⁶⁾	6.52	9.18	14.25
	16	1.11 ⁽³⁾	2.38 ⁽⁶⁾	5.21 ⁽⁶⁾	7.87 ⁽⁶⁾	12.39		2.78 ⁽⁶⁾	5.89 ⁽⁶⁾	8.81 ⁽⁷⁾	14.25
	24	0.18 ⁽²⁾	1.32 ⁽³⁾	4.11 ⁽³⁾	6.75 ⁽⁶⁾	11.96 ⁽⁶⁾		1.65 ⁽³⁾	4.74 ⁽⁶⁾	7.44 ⁽⁶⁾	14.05 ⁽⁷⁾

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

20 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi		97	33 ksi		50 ksi		97		
		33	43	54	68		33	43	54	68			
8	12	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	24	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
9	12	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	24	2.41	3.48	5.60	7.44	11.56	3.06	4.59	7.90	10.45	16.16		
10	12	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	24	2.18	3.48	5.60	7.44	11.56	2.78	4.57	7.85	10.43	16.16		
12	12	2.48	3.48	5.60	7.44	11.56	3.05	4.50	7.66	10.18	15.96		
	16	2.20	3.48	5.60	7.44	11.56	2.77	4.50	7.66	10.18	15.96		
	24	1.65 ⁽⁷⁾	3.12	5.60	7.44	11.56	2.16	4.05	7.66	10.18	15.96		
14	12	2.14	3.48	5.60	7.44	11.56	2.65	4.39	7.39	9.82	15.40		
	16	1.76 ⁽⁷⁾	3.21	5.60	7.44	11.56	2.24 ⁽⁷⁾	4.06	7.39	9.82	15.40		
	24	1.05 ⁽⁶⁾	2.56 ⁽⁶⁾	5.32 ⁽⁷⁾	7.44	11.56	1.45 ⁽⁶⁾	3.24 ⁽⁶⁾	7.14	9.82	15.40		
16	12	1.75 ⁽⁶⁾	3.19 ⁽⁷⁾	5.60	7.44	11.56	2.17 ⁽⁷⁾	3.89	7.01	9.33	14.62		
	16	1.28 ⁽⁶⁾	2.75 ⁽⁶⁾	5.47 ⁽⁷⁾	7.44	11.56	1.66 ⁽⁶⁾	3.36 ⁽⁷⁾	6.97	9.33	14.62		
	24	0.42 ⁽³⁾	1.92 ⁽³⁾	4.59 ⁽⁶⁾	7.10 ⁽⁶⁾	11.56	0.72 ⁽³⁾	2.37 ⁽⁶⁾	5.92 ⁽⁶⁾	9.11 ⁽⁷⁾	14.62		

20 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)					800S137-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46
	16		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46
	24		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46
9	12		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46
	16		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46
	24		4.88	8.07	11.42	19.31	1.70	2.50	3.62	4.83	7.46
10	12		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46
	16		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46
	24		4.86	8.01	11.36	19.18	1.54	2.50	3.62	4.83	7.46
12	12		4.78	7.83	11.18	18.61	1.76	2.50	3.62	4.83	7.46
	16		4.78	7.83	11.18	18.61	1.56	2.50	3.62	4.83	7.46
	24		4.42	7.83	11.18	18.61	1.16	2.21	3.62	4.83	7.46
14	12		4.69	7.58	10.87	17.82	1.53	2.50	3.62	4.83	7.46
	16		4.45	7.58	10.87	17.82	1.26 ⁽⁷⁾	2.29	3.62	4.83	7.46
	24		3.61 ⁽⁷⁾	7.53	10.87	17.82	0.73 ⁽⁶⁾	1.79 ⁽⁶⁾	3.57	4.83	7.46
16	12		4.30	7.27	10.37	16.84	1.26 ⁽⁷⁾	2.28	3.62	4.83	7.46
	16		3.76 ⁽⁷⁾	7.27	10.37	16.84	0.92 ⁽⁶⁾	1.96 ⁽⁶⁾	3.62	4.83	7.46
	24		2.73 ⁽⁶⁾	6.39 ⁽⁶⁾	9.87 ⁽⁷⁾	16.84	0.26 ⁽³⁾	1.33 ⁽⁶⁾	3.16 ⁽⁶⁾	4.83 ⁽⁷⁾	7.46

20 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)					800S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
9	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.47	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
10	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	24	2.27	3.44	5.51	7.34	11.45	2.93	4.58	7.85	10.39	16.13
12	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13
	16	2.29	3.44	5.51	7.34	11.45	2.95	4.58	7.85	10.39	16.13
	24	1.79	3.19	5.51	7.34	11.45	2.38	4.40	7.85	10.39	16.13
14	12	2.24	3.44	5.51	7.34	11.45	2.86	4.52	7.71	10.25	16.12
	16	1.90	3.28	5.51	7.34	11.45	2.47	4.44	7.71	10.25	16.12
	24	1.25 ⁽⁶⁾	2.67 ⁽⁷⁾	5.51	7.34	11.45	1.73 ⁽⁶⁾	3.70	7.71	10.25	16.12
16	12	1.90 ⁽⁷⁾	3.27	5.51	7.34	11.45	2.42	4.31	7.42	9.88	15.53
	16	1.47 ⁽⁶⁾	2.86 ⁽⁷⁾	5.51	7.34	11.45	1.94 ⁽⁶⁾	3.83	7.42	9.88	15.53
	24	0.65 ⁽³⁾	2.07 ⁽⁶⁾	4.97 ⁽⁶⁾	7.34 ⁽⁷⁾	11.45	1.03 ⁽⁶⁾	2.90 ⁽⁶⁾	6.77 ⁽⁷⁾	9.88	15.53

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

20 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.96	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.94	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.93	8.18	11.55	19.61
	24		4.93	8.18	11.55	19.61
12	12		4.87	8.05	11.42	19.34
	16		4.87	8.05	11.42	19.34
	24		4.73	8.05	11.42	19.34
14	12		4.80	7.86	11.24	18.75
	16		4.77	7.86	11.24	18.75
	24		4.00	7.86	11.24	18.75
16	12		4.65	7.61	10.91	17.95
	16		4.15	7.61	10.91	17.95
	24		3.18 ⁽⁶⁾	7.09 ⁽⁷⁾	10.91	17.95

25 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)					350S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.66 ⁽⁷⁾	2.68	4.08	5.17	7.58	2.11	3.33	5.11	6.42	9.17
	16	1.36 ⁽⁶⁾	2.38 ⁽⁶⁾	4.08	5.17	7.58	1.77 ⁽⁶⁾	2.97 ⁽⁷⁾	5.11	6.42	9.17
	24	0.79 ⁽³⁾	1.81 ⁽⁶⁾	3.62 ⁽⁶⁾	5.17 ⁽⁷⁾	7.58	1.14 ⁽⁶⁾	2.28 ⁽⁶⁾	4.68 ⁽⁶⁾	6.42	9.17
9	12	1.33 ⁽⁶⁾	2.30 ⁽⁶⁾	3.82 ⁽⁷⁾	4.83	7.06	1.73 ⁽⁶⁾	2.85 ⁽⁷⁾	4.77	5.97	8.50
	16	0.98 ⁽³⁾	1.94 ⁽⁶⁾	3.56 ⁽⁶⁾	4.83 ⁽⁷⁾	7.06	1.34 ⁽⁶⁾	2.43 ⁽⁶⁾	4.56 ⁽⁷⁾	5.97	8.50
	24	0.34 ⁽²⁾	1.29 ⁽³⁾	2.92 ⁽³⁾	4.40 ⁽⁶⁾	7.06 ⁽⁶⁾	0.62 ⁽³⁾	1.65 ⁽³⁾	3.81 ⁽⁶⁾	5.67 ⁽⁶⁾	8.50 ⁽⁷⁾
10	12	1.00 ⁽³⁾	1.91 ⁽⁶⁾	3.33 ⁽⁶⁾	4.46 ⁽⁷⁾	6.48	1.36 ⁽⁶⁾	2.37 ⁽⁶⁾	4.24 ⁽⁶⁾	5.49	7.79
	16	0.62 ⁽²⁾	1.51 ⁽³⁾	2.95 ⁽⁶⁾	4.29 ⁽⁶⁾	6.48 ⁽⁷⁾	0.92 ⁽³⁾	1.90 ⁽⁶⁾	3.79 ⁽⁶⁾	5.46 ⁽⁶⁾	7.79
	24		0.80 ⁽²⁾	2.26 ⁽³⁾	3.61 ⁽³⁾	6.08 ⁽⁶⁾	0.15 ⁽²⁾	1.05 ⁽³⁾	2.99 ⁽³⁾	4.69 ⁽⁶⁾	7.66 ⁽⁶⁾
12	12	0.42 ⁽²⁾	1.17 ⁽²⁾	2.27 ⁽³⁾	3.34 ⁽⁶⁾	5.25 ⁽⁶⁾	0.67 ⁽²⁾	1.47 ⁽³⁾	2.90 ⁽³⁾	4.24 ⁽⁶⁾	6.31 ⁽⁶⁾
	16	0.01 ⁽²⁾	0.74 ⁽²⁾	1.86 ⁽²⁾	2.94 ⁽³⁾	4.87 ⁽⁶⁾	0.20 ⁽²⁾	0.96 ⁽²⁾	2.43 ⁽³⁾	3.78 ⁽³⁾	6.13 ⁽⁶⁾
	24			1.15 ⁽²⁾	2.22 ⁽²⁾	4.07 ⁽³⁾		0.07 ⁽²⁾	1.61 ⁽²⁾	2.98 ⁽²⁾	5.25 ⁽³⁾
14	12		0.58 ⁽²⁾	1.46 ⁽²⁾	2.32 ⁽²⁾	3.83 ⁽³⁾	0.13 ⁽²⁾	0.75 ⁽²⁾	1.90 ⁽²⁾	2.98 ⁽³⁾	4.82 ⁽⁶⁾
	16		0.15 ⁽¹⁾	1.06 ⁽²⁾	1.92 ⁽²⁾	3.38 ⁽²⁾		0.24 ⁽²⁾	1.44 ⁽²⁾	2.53 ⁽²⁾	4.33 ⁽³⁾
	24			0.38 ⁽¹⁾	1.22 ⁽¹⁾	2.59 ⁽²⁾			0.65 ⁽¹⁾	1.74 ⁽²⁾	3.47 ⁽²⁾
16	12		0.14 ⁽¹⁾	0.88 ⁽²⁾	1.57 ⁽²⁾	2.73 ⁽²⁾		0.23 ⁽¹⁾	1.19 ⁽²⁾	2.06 ⁽²⁾	3.50 ⁽³⁾
	16			0.51 ⁽¹⁾	1.19 ⁽¹⁾	2.30 ⁽²⁾			0.76 ⁽¹⁾	1.63 ⁽²⁾	3.03 ⁽²⁾
	24				0.53 ⁽¹⁾	1.56 ⁽¹⁾			0.02 ⁽¹⁾	0.90 ⁽¹⁾	2.21 ⁽²⁾

25 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.82	5.79	7.47	10.57	1.33 ⁽⁶⁾	2.20	3.42	4.45
	16		3.45	5.79	7.47	10.57	1.05 ⁽⁶⁾	1.93 ⁽⁶⁾	3.42 ⁽⁷⁾	4.45
	24		2.72 ⁽⁶⁾	5.47 ⁽⁷⁾	7.47	10.57	0.55 ⁽³⁾	1.41 ⁽⁶⁾	3.09 ⁽⁶⁾	4.41 ⁽⁶⁾
9	12		3.35	5.51	6.95	9.81	1.05 ⁽⁶⁾	1.89 ⁽⁶⁾	3.27 ⁽⁷⁾	4.21
	16		2.89 ⁽⁶⁾	5.41 ⁽⁷⁾	6.95	9.81	0.74 ⁽³⁾	1.56 ⁽⁶⁾	3.09 ⁽⁶⁾	4.21 ⁽⁷⁾
	24		2.05 ⁽⁶⁾	4.59 ⁽⁶⁾	6.40 ⁽⁶⁾	9.81	0.16 ⁽²⁾	0.97 ⁽³⁾	2.55 ⁽³⁾	3.76 ⁽⁶⁾
10	12		2.87 ⁽⁶⁾	5.07 ⁽⁷⁾	6.40	9.01	0.78 ⁽³⁾	1.56 ⁽⁶⁾	2.93 ⁽⁶⁾	3.94 ⁽⁶⁾
	16		2.35 ⁽⁶⁾	4.58 ⁽⁶⁾	6.21 ⁽⁷⁾	9.01	0.43 ⁽²⁾	1.20 ⁽³⁾	2.60 ⁽³⁾	3.73 ⁽⁶⁾
	24		1.41 ⁽³⁾	3.68 ⁽³⁾	5.26 ⁽⁶⁾	9.01 ⁽⁶⁾		0.54 ⁽²⁾	2.01 ⁽²⁾	3.10 ⁽³⁾
12	12		1.84 ⁽³⁾	3.53 ⁽⁶⁾	4.82 ⁽⁶⁾	7.34 ⁽⁷⁾	0.27 ⁽²⁾	0.93 ⁽²⁾	2.06 ⁽³⁾	2.96 ⁽³⁾
	16		1.27 ⁽³⁾	3.00 ⁽³⁾	4.26 ⁽⁶⁾	7.34 ⁽⁶⁾		0.52 ⁽²⁾	1.70 ⁽²⁾	2.58 ⁽³⁾
	24		0.27 ⁽²⁾	2.08 ⁽²⁾	3.26 ⁽³⁾	6.39 ⁽³⁾			1.06 ⁽²⁾	1.89 ⁽²⁾
14	12		1.00 ⁽²⁾	2.35 ⁽³⁾	3.36 ⁽³⁾	5.82 ⁽⁶⁾		0.41 ⁽²⁾	1.35 ⁽²⁾	2.05 ⁽²⁾
	16		0.43 ⁽²⁾	1.84 ⁽²⁾	2.80 ⁽²⁾	5.28 ⁽³⁾			0.99 ⁽²⁾	1.67 ⁽²⁾
	24			0.95 ⁽²⁾	1.83 ⁽²⁾	4.32 ⁽²⁾			0.36 ⁽¹⁾	1.00 ⁽¹⁾
16	12		0.38 ⁽²⁾	1.51 ⁽²⁾	2.29 ⁽²⁾	4.29 ⁽³⁾		0.02 ⁽¹⁾	0.83 ⁽¹⁾	1.37 ⁽²⁾
	16			1.02 ⁽²⁾	1.76 ⁽²⁾	3.76 ⁽²⁾			0.48 ⁽¹⁾	1.00 ⁽¹⁾
	24			0.20 ⁽¹⁾	0.85 ⁽¹⁾	2.85 ⁽²⁾				0.37 ⁽¹⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

25 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)						362S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	1.76 ⁽⁷⁾	2.82	4.27	5.48	8.00	2.22	3.49	5.34	6.80	9.68		
	16	1.46 ⁽⁶⁾	2.52 ⁽⁷⁾	4.27	5.48	8.00	1.89 ⁽⁶⁾	3.13	5.34	6.80	9.68		
	24	0.89 ⁽³⁾	1.95 ⁽⁶⁾	3.88 ⁽⁶⁾	5.48 ⁽⁷⁾	8.00	1.26 ⁽⁶⁾	2.46 ⁽⁶⁾	5.00 ⁽⁷⁾	6.80	9.68		
9	12	1.43 ⁽⁶⁾	2.44 ⁽⁷⁾	4.04	5.15	7.50	1.85 ⁽⁶⁾	3.03 ⁽⁷⁾	5.02	6.36	9.04		
	16	1.08 ⁽³⁾	2.09 ⁽⁶⁾	3.85 ⁽⁶⁾	5.15 ⁽⁷⁾	7.50	1.46 ⁽⁶⁾	2.60 ⁽⁶⁾	4.90 ⁽⁷⁾	6.36	9.04		
	24	0.44 ⁽²⁾	1.43 ⁽³⁾	3.20 ⁽⁶⁾	4.79 ⁽⁶⁾	7.50 ⁽⁷⁾	0.74 ⁽³⁾	1.82 ⁽³⁾	4.14 ⁽⁶⁾	6.14 ⁽⁶⁾	9.04		
10	12	1.11 ⁽³⁾	2.05 ⁽⁶⁾	3.64 ⁽⁶⁾	4.78 ⁽⁷⁾	6.93	1.47 ⁽⁶⁾	2.54 ⁽⁶⁾	4.59 ⁽⁷⁾	5.88	8.33		
	16	0.72 ⁽³⁾	1.66 ⁽³⁾	3.24 ⁽⁶⁾	4.68 ⁽⁶⁾	6.93 ⁽⁷⁾	1.04 ⁽³⁾	2.07 ⁽⁶⁾	4.14 ⁽⁶⁾	5.88 ⁽⁷⁾	8.33		
	24	0.02 ⁽²⁾	0.94 ⁽²⁾	2.53 ⁽³⁾	3.98 ⁽³⁾	6.63 ⁽⁶⁾	0.26 ⁽²⁾	1.22 ⁽³⁾	3.31 ⁽³⁾	5.14 ⁽⁶⁾	8.33 ⁽⁶⁾		
12	12	0.51 ⁽²⁾	1.31 ⁽³⁾	2.52 ⁽³⁾	3.68 ⁽⁶⁾	5.69 ⁽⁶⁾	0.78 ⁽²⁾	1.63 ⁽³⁾	3.21 ⁽⁶⁾	4.66 ⁽⁶⁾	6.83 ⁽⁷⁾		
	16	0.09 ⁽²⁾	0.86 ⁽²⁾	2.09 ⁽²⁾	3.26 ⁽³⁾	5.37 ⁽⁶⁾	0.29 ⁽²⁾	1.11 ⁽²⁾	2.72 ⁽³⁾	4.18 ⁽³⁾	6.74 ⁽⁶⁾		
	24		0.08 ⁽²⁾	1.35 ⁽²⁾	2.51 ⁽²⁾	4.53 ⁽³⁾		0.19 ⁽²⁾	1.85 ⁽²⁾	3.34 ⁽²⁾	5.82 ⁽³⁾		
14	12	0.04 ⁽²⁾	0.69 ⁽²⁾	1.65 ⁽²⁾	2.58 ⁽³⁾	4.23 ⁽³⁾	0.21 ⁽²⁾	0.88 ⁽²⁾	2.13 ⁽²⁾	3.30 ⁽³⁾	5.31 ⁽⁶⁾		
	16		0.24 ⁽²⁾	1.23 ⁽²⁾	2.16 ⁽²⁾	3.76 ⁽³⁾		0.35 ⁽²⁾	1.65 ⁽²⁾	2.82 ⁽²⁾	4.79 ⁽³⁾		
	24			0.51 ⁽¹⁾	1.42 ⁽²⁾	2.93 ⁽²⁾			0.82 ⁽¹⁾	2.00 ⁽²⁾	3.88 ⁽²⁾		
16	12		0.22 ⁽¹⁾	1.02 ⁽²⁾	1.77 ⁽²⁾	3.04 ⁽²⁾		0.32 ⁽²⁾	1.35 ⁽²⁾	2.30 ⁽²⁾	3.88 ⁽³⁾		
	16			0.62 ⁽¹⁾	1.36 ⁽²⁾	2.59 ⁽²⁾			0.90 ⁽¹⁾	1.85 ⁽²⁾	3.38 ⁽²⁾		
	24				0.67 ⁽¹⁾	1.80 ⁽¹⁾			0.13 ⁽¹⁾	1.07 ⁽¹⁾	2.52 ⁽²⁾		

25 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.91	6.00	7.91	11.17	1.54	2.49	3.77	5.10
	16		3.61	6.00	7.91	11.17	1.28 ⁽⁶⁾	2.23 ⁽⁷⁾	3.77	5.10
	24		2.90 ⁽⁶⁾	5.79	7.91	11.17	0.79 ⁽⁶⁾	1.74 ⁽⁶⁾	3.62 ⁽⁶⁾	5.10
9	12		3.52	5.73	7.40	10.43	1.28 ⁽⁶⁾	2.20 ⁽⁷⁾	3.65	4.93
	16		3.07 ⁽⁷⁾	5.73	7.40	10.43	0.98 ⁽⁶⁾	1.89 ⁽⁶⁾	3.65 ⁽⁷⁾	4.93
	24		2.23 ⁽⁶⁾	4.91 ⁽⁶⁾	6.94 ⁽⁷⁾	10.43	0.40 ⁽³⁾	1.30 ⁽³⁾	3.12 ⁽⁶⁾	4.67 ⁽⁶⁾
10	12		3.04 ⁽⁷⁾	5.44	6.85	9.64	1.01 ⁽⁶⁾	1.89 ⁽⁶⁾	3.51 ⁽⁶⁾	4.70
	16		2.52 ⁽⁶⁾	4.97 ⁽⁶⁾	6.75 ⁽⁷⁾	9.64	0.66 ⁽³⁾	1.53 ⁽⁶⁾	3.20 ⁽⁶⁾	4.68 ⁽⁶⁾
	24		1.58 ⁽³⁾	4.05 ⁽⁶⁾	5.77 ⁽⁶⁾	9.64 ⁽⁷⁾	0.03 ⁽²⁾	0.87 ⁽³⁾	2.59 ⁽³⁾	4.00 ⁽⁶⁾
12	12		2.03 ⁽³⁾	3.90 ⁽⁶⁾	5.30 ⁽⁶⁾	7.95	0.49 ⁽²⁾	1.26 ⁽³⁾	2.67 ⁽³⁾	3.87 ⁽⁶⁾
	16		1.44 ⁽³⁾	3.34 ⁽³⁾	4.72 ⁽⁶⁾	7.95 ⁽⁶⁾	0.09 ⁽²⁾	0.83 ⁽²⁾	2.27 ⁽³⁾	3.44 ⁽³⁾
	24		0.41 ⁽²⁾	2.37 ⁽²⁾	3.67 ⁽³⁾	7.05 ⁽⁶⁾		0.07 ⁽²⁾	1.56 ⁽²⁾	2.66 ⁽²⁾
14	12		1.16 ⁽²⁾	2.63 ⁽³⁾	3.72 ⁽³⁾	6.39 ⁽⁶⁾	0.05 ⁽²⁾	0.68 ⁽²⁾	1.87 ⁽²⁾	2.78 ⁽³⁾
	16		0.56 ⁽²⁾	2.09 ⁽²⁾	3.13 ⁽³⁾	5.82 ⁽³⁾		0.23 ⁽²⁾	1.45 ⁽²⁾	2.33 ⁽²⁾
	24			1.15 ⁽²⁾	2.11 ⁽²⁾	4.81 ⁽²⁾			0.73 ⁽¹⁾	1.56 ⁽²⁾
16	12		0.50 ⁽²⁾	1.71 ⁽²⁾	2.56 ⁽²⁾	4.73 ⁽³⁾		0.23 ⁽¹⁾	1.22 ⁽²⁾	1.93 ⁽²⁾
	16			1.20 ⁽²⁾	2.00 ⁽²⁾	4.18 ⁽²⁾			0.82 ⁽¹⁾	1.50 ⁽²⁾
	24			0.32 ⁽¹⁾	1.04 ⁽¹⁾	3.21 ⁽²⁾			0.13 ⁽¹⁾	0.76 ⁽¹⁾

25 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)						400S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.03	3.06	4.73	6.27	9.21	2.51	3.76	5.92	7.74	11.17		
	16	1.74 ⁽⁷⁾	2.89	4.73	6.27	9.21	2.20	3.59	5.92	7.74	11.17		
	24	1.19 ⁽⁶⁾	2.35 ⁽⁶⁾	4.57 ⁽⁷⁾	6.27	9.21	1.60 ⁽⁶⁾	2.94 ⁽⁷⁾	5.86	7.74	11.17		
9	12	1.72 ⁽⁶⁾	2.83	4.55	6.01	8.77	2.17 ⁽⁷⁾	3.49	5.65	7.38	10.59		
	16	1.37 ⁽⁶⁾	2.49 ⁽⁶⁾	4.55 ⁽⁷⁾	6.01	8.77	1.79 ⁽⁶⁾	3.08 ⁽⁷⁾	5.65	7.38	10.59		
	24	0.74 ⁽³⁾	1.84 ⁽⁶⁾	3.91 ⁽⁶⁾	5.91 ⁽⁶⁾	8.77	1.09 ⁽³⁾	2.32 ⁽⁶⁾	5.03 ⁽⁶⁾	7.38 ⁽⁷⁾	10.59		
10	12	1.40 ⁽⁶⁾	2.46 ⁽⁶⁾	4.33 ⁽⁷⁾	5.71	8.26	1.80 ⁽⁶⁾	3.03 ⁽⁷⁾	5.34	6.97	9.93		
	16	1.01 ⁽³⁾	2.06 ⁽⁶⁾	3.97 ⁽⁶⁾	5.71 ⁽⁷⁾	8.26	1.37 ⁽⁶⁾	2.56 ⁽⁶⁾	5.04 ⁽⁷⁾	6.97	9.93		
	24	0.30 ⁽²⁾	1.34 ⁽³⁾	3.23 ⁽³⁾	5.09 ⁽⁶⁾	8.26 ⁽⁶⁾	0.59 ⁽³⁾	1.70 ⁽³⁾	4.18 ⁽⁶⁾	6.48 ⁽⁶⁾	9.93 ⁽⁷⁾		
12	12	0.77 ⁽³⁾	1.70 ⁽³⁾	3.26 ⁽⁶⁾	4.81 ⁽⁶⁾	7.08 ⁽⁷⁾	1.09 ⁽³⁾	2.11 ⁽⁶⁾	4.12 ⁽⁶⁾	6.02 ⁽⁶⁾	8.47		
	16	0.33 ⁽²⁾	1.23 ⁽³⁾	2.79 ⁽³⁾	4.33 ⁽⁶⁾	6.99 ⁽⁶⁾	0.59 ⁽²⁾	1.55 ⁽³⁾	3.58 ⁽³⁾	5.48 ⁽⁶⁾	8.47 ⁽⁷⁾		
	24		0.41 ⁽²⁾	1.96 ⁽²⁾	3.47 ⁽³⁾	6.03 ⁽³⁾		0.58 ⁽²⁾	2.61 ⁽²⁾	4.52 ⁽³⁾	7.64 ⁽⁶⁾		
14	12	0.25 ⁽²⁾	1.02 ⁽²⁾	2.26 ⁽³⁾	3.47 ⁽³⁾	5.58 ⁽⁶⁾	0.48 ⁽²⁾	1.28 ⁽²⁾	2.88 ⁽³⁾	4.38 ⁽⁶⁾	6.95 ⁽⁶⁾		
	16		0.53 ⁽²⁾	1.78 ⁽²⁾	2.98 ⁽²⁾	5.03 ⁽³⁾		0.71 ⁽²⁾	2.33 ⁽²⁾	3.83 ⁽³⁾	6.35 ⁽⁶⁾		
	24			0.94 ⁽²⁾	2.12 ⁽²⁾	4.07 ⁽²⁾			1.37 ⁽²⁾	2.87 ⁽²⁾	5.29 ⁽³⁾		
16	12		0.48 ⁽²⁾	1.49 ⁽²⁾	2.44 ⁽²⁾	4.09 ⁽³⁾		0.63 ⁽²⁾	1.93 ⁽²⁾	3.13 ⁽³⁾	5.16 ⁽³⁾		
	16			1.02 ⁽²⁾	1.97 ⁽²⁾	3.56 ⁽²⁾		0.06 ⁽²⁾	1.40 ⁽²⁾	2.60 ⁽²⁾	4.58 ⁽³⁾		
	24			0.23 ⁽¹⁾	1.15 ⁽¹⁾	2.64 ⁽²⁾			0.49 ⁽¹⁾	1.68 ⁽²⁾	3.56 ⁽²⁾		

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

25 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)					550S162-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	16		4.05	6.39	8.85	12.91	2.50	3.50	5.75	7.60
	24		3.38	6.39	8.85	12.91	2.08	3.43	5.75	7.60
9	12		3.98	6.25	8.55	12.22	2.51	3.47	5.67	7.60
	16		3.55	6.25	8.55	12.22	2.24	3.47	5.67	7.60
	24		2.74 ⁽⁶⁾	5.76 ⁽⁷⁾	8.46	12.22	1.72 ⁽⁷⁾	3.06	5.67	7.60
10	12		3.51	6.04	8.09	11.47	2.27	3.44	5.58	7.48
	16		3.01 ⁽⁶⁾	5.86 ⁽⁷⁾	8.09	11.47	1.95 ⁽⁷⁾	3.26	5.58	7.48
	24		2.09 ⁽⁶⁾	4.94 ⁽⁶⁾	7.28 ⁽⁶⁾	11.47	1.33 ⁽⁶⁾	2.65 ⁽⁶⁾	5.42	7.48
12	12		2.57 ⁽⁶⁾	4.95 ⁽⁶⁾	6.85 ⁽⁷⁾	9.83	1.74 ⁽⁶⁾	3.00 ⁽⁷⁾	5.33	7.13
	16		1.95 ⁽³⁾	4.35 ⁽⁶⁾	6.18 ⁽⁶⁾	9.83 ⁽⁷⁾	1.31 ⁽⁶⁾	2.57 ⁽⁶⁾	5.12 ⁽⁷⁾	7.13
	24		0.87 ⁽²⁾	3.27 ⁽³⁾	4.99 ⁽³⁾	9.16 ⁽⁶⁾	0.52 ⁽³⁾	1.76 ⁽³⁾	4.25 ⁽⁶⁾	6.68 ⁽⁶⁾
14	12		1.63 ⁽³⁾	3.51 ⁽³⁾	4.95 ⁽⁶⁾	8.11 ⁽⁶⁾	1.17 ⁽³⁾	2.34 ⁽⁶⁾	4.61 ⁽⁶⁾	6.65 ⁽⁷⁾
	16		0.98 ⁽²⁾	2.89 ⁽³⁾	4.27 ⁽³⁾	7.64 ⁽⁶⁾	0.67 ⁽³⁾	1.82 ⁽³⁾	4.05 ⁽⁶⁾	6.26 ⁽⁶⁾
	24			1.81 ⁽²⁾	3.09 ⁽²⁾	6.47 ⁽³⁾		0.86 ⁽²⁾	3.03 ⁽³⁾	5.20 ⁽³⁾
16	12		0.87 ⁽²⁾	2.40 ⁽²⁾	3.49 ⁽³⁾	6.22 ⁽⁶⁾	0.64 ⁽²⁾	1.68 ⁽³⁾	3.61 ⁽³⁾	5.57 ⁽⁶⁾
	16		0.23 ⁽²⁾	1.80 ⁽²⁾	2.84 ⁽²⁾	5.57 ⁽³⁾	0.09 ⁽²⁾	1.10 ⁽²⁾	2.99 ⁽³⁾	4.93 ⁽³⁾
	24			0.77 ⁽¹⁾	1.72 ⁽²⁾	4.45 ⁽²⁾		0.07 ⁽²⁾	1.91 ⁽²⁾	3.78 ⁽²⁾

25 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)					550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	16	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	24	2.58	4.28	7.31	9.67	15.00		4.66	7.53	10.75	17.47
9	12	2.94	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10
	16	2.74	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10
	24	2.18	3.81	7.18	9.50	14.72		4.22	7.41	10.56	17.10
10	12	2.77	4.23	7.01	9.28	14.38		4.55	7.27	10.34	16.66
	16	2.42	4.04	7.01	9.28	14.38		4.45	7.27	10.34	16.66
	24	1.75 ⁽⁶⁾	3.30 ⁽⁷⁾	6.97	9.28	14.38		3.70	7.27	10.34	16.66
12	12	2.18 ⁽⁷⁾	3.68	6.60	8.74	13.51		4.11	6.83	9.81	15.58
	16	1.71 ⁽⁶⁾	3.16 ⁽⁶⁾	6.48	8.74	13.51		3.58 ⁽⁷⁾	6.83	9.81	15.58
	24	0.85 ⁽³⁾	2.20 ⁽⁶⁾	5.47 ⁽⁶⁾	8.44 ⁽⁷⁾	13.51		2.58 ⁽⁶⁾	5.93 ⁽⁶⁾	9.23 ⁽⁷⁾	15.58
14	12	1.55 ⁽⁶⁾	2.86 ⁽⁶⁾	5.77 ⁽⁷⁾	8.04	12.41		3.29 ⁽⁶⁾	6.43 ⁽⁷⁾	9.21	14.28
	16	1.00 ⁽³⁾	2.24 ⁽⁶⁾	5.12 ⁽⁶⁾	7.81 ⁽⁶⁾	12.41		2.64 ⁽⁶⁾	5.77 ⁽⁶⁾	8.70 ⁽⁷⁾	14.28
	24		1.11 ⁽³⁾	3.95 ⁽³⁾	6.62 ⁽⁶⁾	11.81 ⁽⁶⁾		1.44 ⁽³⁾	4.56 ⁽³⁾	7.26 ⁽⁶⁾	13.91 ⁽⁷⁾
16	12	0.94 ⁽³⁾	2.06 ⁽³⁾	4.53 ⁽⁶⁾	6.90 ⁽⁶⁾	11.16 ⁽⁷⁾		2.46 ⁽⁶⁾	5.32 ⁽⁶⁾	7.79 ⁽⁶⁾	12.84
	16	0.33 ⁽²⁾	1.37 ⁽³⁾	3.83 ⁽³⁾	6.18 ⁽⁶⁾	10.77 ⁽⁶⁾		1.72 ⁽³⁾	4.55 ⁽³⁾	6.90 ⁽⁶⁾	12.67 ⁽⁷⁾
	24		0.16 ⁽²⁾	2.58 ⁽²⁾	4.89 ⁽³⁾	9.25 ⁽³⁾		0.40 ⁽²⁾	3.19 ⁽²⁾	5.32 ⁽³⁾	11.00 ⁽⁶⁾

25 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)					600S162-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	16	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	24	1.57	2.59	3.90	5.17	7.82	2.26	3.52	5.72	7.57	11.63
9	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63
	16	1.70	2.61	3.90	5.17	7.82	2.42	3.52	5.72	7.57	11.63
	24	1.32 ⁽⁷⁾	2.34	3.90	5.17	7.82	1.94	3.30	5.72	7.57	11.63
10	12	1.75	2.61	3.90	5.17	7.82	2.47	3.52	5.72	7.57	11.63
	16	1.51	2.52	3.90	5.17	7.82	2.17	3.51	5.72	7.57	11.63
	24	1.04 ⁽⁶⁾	2.06 ⁽⁷⁾	3.90	5.17	7.82	1.60 ⁽⁶⁾	2.95	5.72	7.57	11.63
12	12	1.40 ⁽⁶⁾	2.40	3.90	5.17	7.82	1.99 ⁽⁷⁾	3.30	5.61	7.52	11.63
	16	1.07 ⁽⁶⁾	2.07 ⁽⁶⁾	3.90 ⁽⁷⁾	5.17	7.82	1.58 ⁽⁶⁾	2.90 ⁽⁷⁾	5.61	7.52	11.63
	24	0.43 ⁽³⁾	1.43 ⁽⁶⁾	3.42 ⁽⁶⁾	5.03 ⁽⁶⁾	7.82	0.83 ⁽³⁾	2.14 ⁽⁶⁾	4.86 ⁽⁶⁾	7.45 ⁽⁷⁾	11.63
14	12	1.01 ⁽⁶⁾	1.99 ⁽⁶⁾	3.88 ⁽⁶⁾	5.17 ⁽⁷⁾	7.82	1.45 ⁽⁶⁾	2.70 ⁽⁶⁾	5.24 ⁽⁷⁾	7.14	11.33
	16	0.58 ⁽³⁾	1.55 ⁽³⁾	3.48 ⁽⁶⁾	5.08 ⁽⁶⁾	7.82	0.96 ⁽³⁾	2.20 ⁽⁶⁾	4.70 ⁽⁶⁾	7.12 ⁽⁷⁾	11.33
	24		0.75 ⁽²⁾	2.74 ⁽³⁾	4.29 ⁽³⁾	7.53 ⁽⁶⁾	0.06 ⁽²⁾	1.27 ⁽³⁾	3.70 ⁽³⁾	6.09 ⁽⁶⁾	10.99 ⁽⁶⁾
16	12	0.59 ⁽³⁾	1.53 ⁽³⁾	3.41 ⁽⁶⁾	4.97 ⁽⁶⁾	7.82 ⁽⁷⁾	0.92 ⁽³⁾	2.07 ⁽³⁾	4.28 ⁽⁶⁾	6.49 ⁽⁶⁾	10.48
	16	0.09 ⁽²⁾	1.01 ⁽²⁾	2.91 ⁽³⁾	4.43 ⁽³⁾	7.63 ⁽⁶⁾	0.36 ⁽²⁾	1.48 ⁽³⁾	3.66 ⁽³⁾	5.85 ⁽⁶⁾	10.32 ⁽⁶⁾
	24		0.06 ⁽²⁾	2.01 ⁽²⁾	3.45 ⁽²⁾	6.49 ⁽³⁾		0.44 ⁽²⁾	2.55 ⁽²⁾	4.68 ⁽³⁾	8.88 ⁽⁶⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

25 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)						600S250-(mils)					
		33 ksi		50 ksi		97	33 ksi		50 ksi		97		
		33	43	54	68		33	43	54	68			
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	16	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	24	2.78	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
9	12	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
	16	2.94	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
	24	2.42	4.16	7.46	9.89	15.40		4.55	7.66	10.96	17.96		
10	12	2.97	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60		
	16	2.65	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60		
	24	2.03 ⁽⁷⁾	3.69	7.34	9.72	15.14		4.08	7.55	10.79	17.60		
12	12	2.44	4.06	7.00	9.28	14.44	4.48	7.26	10.34	16.69			
	16	2.00 ⁽⁶⁾	3.58	7.00	9.28	14.44	3.98	7.26	10.34	16.69			
	24	1.18 ⁽⁶⁾	2.66 ⁽⁶⁾	6.25 ⁽⁷⁾	9.28	14.44	3.04 ⁽⁶⁾	6.73 ⁽⁷⁾	10.27	16.69			
14	12	1.84 ⁽⁶⁾	3.30 ⁽⁷⁾	6.55	8.69	13.51	3.73 ⁽⁷⁾	6.83	9.78	15.55			
	16	1.30 ⁽³⁾	2.70 ⁽⁶⁾	5.94 ⁽⁶⁾	8.69 ⁽⁷⁾	13.51	3.10 ⁽⁶⁾	6.42 ⁽⁷⁾	9.78	15.55			
	24	0.32 ⁽²⁾	1.59 ⁽³⁾	4.78 ⁽⁶⁾	7.72 ⁽⁶⁾	13.51 ⁽⁷⁾	1.94 ⁽³⁾	5.27 ⁽⁶⁾	8.38 ⁽⁶⁾	15.55			
16	12	1.24 ⁽³⁾	2.52 ⁽⁶⁾	5.36 ⁽⁶⁾	7.98 ⁽⁷⁾	12.39	2.93 ⁽⁶⁾	6.04 ⁽⁶⁾	8.99	14.25			
	16	0.63 ⁽²⁾	1.83 ⁽³⁾	4.65 ⁽⁶⁾	7.29 ⁽⁶⁾	12.39 ⁽⁷⁾	2.20 ⁽³⁾	5.30 ⁽⁶⁾	8.11 ⁽⁶⁾	14.25			
	24		0.60 ⁽²⁾	3.36 ⁽³⁾	5.98 ⁽³⁾	11.05 ⁽⁶⁾	0.88 ⁽²⁾	3.95 ⁽³⁾	6.51 ⁽⁶⁾	13.05 ⁽⁶⁾			

25 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	24	2.43	3.48	5.60	7.44	11.56	3.09	4.60	7.90	10.45	16.16		
9	12	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	16	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	24	2.17	3.48	5.60	7.44	11.56	2.79	4.59	7.90	10.45	16.16		
10	12	2.52	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16		
	16	2.37	3.48	5.60	7.44	11.56	3.00	4.57	7.85	10.43	16.16		
	24	1.89	3.35	5.60	7.44	11.56	2.46	4.41	7.85	10.43	16.16		
12	12	2.26	3.48	5.60	7.44	11.56	2.85	4.50	7.66	10.18	15.96		
	16	1.92	3.37	5.60	7.44	11.56	2.46	4.36	7.66	10.18	15.96		
	24	1.25 ⁽⁶⁾	2.77 ⁽⁷⁾	5.57	7.44	11.56	1.71 ⁽⁶⁾	3.59	7.66	10.18	15.96		
14	12	1.86 ⁽⁷⁾	3.30	5.60	7.44	11.56	2.34	4.16	7.39	9.82	15.40		
	16	1.40 ⁽⁶⁾	2.88 ⁽⁷⁾	5.60	7.44	11.56	1.84 ⁽⁶⁾	3.64 ⁽⁷⁾	7.39	9.82	15.40		
	24	0.55 ⁽³⁾	2.09 ⁽⁶⁾	4.82 ⁽⁶⁾	7.37 ⁽⁷⁾	11.56	0.89 ⁽⁶⁾	2.65 ⁽⁶⁾	6.52 ⁽⁶⁾	9.82	15.40		
16	12	1.40 ⁽⁶⁾	2.86 ⁽⁶⁾	5.58 ⁽⁷⁾	7.44	11.56	1.78 ⁽⁶⁾	3.49 ⁽⁷⁾	7.01	9.33	14.62		
	16	0.84 ⁽³⁾	2.33 ⁽⁶⁾	5.02 ⁽⁶⁾	7.44 ⁽⁷⁾	11.56	1.18 ⁽⁶⁾	2.86 ⁽⁶⁾	6.43 ⁽⁶⁾	9.33	14.62		
	24		1.35 ⁽³⁾	3.97 ⁽³⁾	6.48 ⁽⁶⁾	11.47 ⁽⁶⁾	0.07 ⁽³⁾	1.68 ⁽³⁾	5.19 ⁽⁶⁾	8.38 ⁽⁶⁾	14.62 ⁽⁷⁾		

25 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)						800S137-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	16		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	24		4.90	8.12	11.47	19.42	1.72	2.50	3.62	4.83	7.46		
9	12		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	16		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	24		4.88	8.07	11.42	19.31	1.54	2.50	3.62	4.83	7.46		
10	12		4.86	8.01	11.36	19.18	1.79	2.50	3.62	4.83	7.46		
	16		4.86	8.01	11.36	19.18	1.68	2.50	3.62	4.83	7.46		
	24		4.79	8.01	11.36	19.18	1.33	2.37	3.62	4.83	7.46		
12	12		4.78	7.83	11.18	18.61	1.61	2.50	3.62	4.83	7.46		
	16		4.74	7.83	11.18	18.61	1.36	2.39	3.62	4.83	7.46		
	24		3.96	7.83	11.18	18.61	0.87 ⁽⁶⁾	1.94	3.62	4.83	7.46		
14	12		4.55	7.58	10.87	17.82	1.33	2.35	3.62	4.83	7.46		
	16		4.02	7.58	10.87	17.82	0.99 ⁽⁶⁾	2.04 ⁽⁷⁾	3.62	4.83	7.46		
	24		3.01 ⁽⁶⁾	6.94 ⁽⁷⁾	10.71	17.82	0.35 ⁽⁶⁾	1.43 ⁽⁶⁾	3.27 ⁽⁶⁾	4.83	7.46		
16	12		3.89	7.27	10.37	16.84	1.00 ⁽⁶⁾	2.04 ⁽⁷⁾	3.62	4.83	7.46		
	16		3.24 ⁽⁶⁾	6.89 ⁽⁷⁾	10.37	16.84	0.58 ⁽⁶⁾	1.64 ⁽⁶⁾	3.42 ⁽⁶⁾	4.83	7.46		
	24		2.01 ⁽⁶⁾	5.67 ⁽⁶⁾	9.00 ⁽⁶⁾	16.84		0.88 ⁽³⁾	2.77 ⁽⁶⁾	4.50 ⁽⁶⁾	7.46 ⁽⁷⁾		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

25 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)						800S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	24	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
9	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	24	2.26	3.44	5.51	7.34	11.45	2.92	4.58	7.85	10.39	16.13		
10	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.44	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	24	2.01	3.40	5.51	7.34	11.45	2.63	4.58	7.85	10.39	16.13		
12	12	2.35	3.44	5.51	7.34	11.45	3.02	4.58	7.85	10.39	16.13		
	16	2.04	3.42	5.51	7.34	11.45	2.66	4.58	7.85	10.39	16.13		
	24	1.43 ⁽⁷⁾	2.85	5.51	7.34	11.45	1.97	3.99	7.85	10.39	16.13		
14	12	1.99	3.36	5.51	7.34	11.45	2.57	4.52	7.71	10.25	16.12		
	16	1.57 ⁽⁷⁾	2.97	5.51	7.34	11.45	2.09 ⁽⁷⁾	4.07	7.71	10.25	16.12		
	24	0.78 ⁽⁶⁾	2.22 ⁽⁶⁾	5.15 ⁽⁷⁾	7.34	11.45	1.19 ⁽⁶⁾	3.16 ⁽⁷⁾	7.28	10.25	16.12		
16	12	1.57 ⁽⁶⁾	2.96 ⁽⁷⁾	5.51	7.34	11.45	2.05 ⁽⁷⁾	3.95	7.42	9.88	15.53		
	16	1.05 ⁽⁶⁾	2.46 ⁽⁶⁾	5.34 ⁽⁷⁾	7.34	11.45	1.47 ⁽⁶⁾	3.36 ⁽⁷⁾	7.25	9.88	15.53		
	24	0.08 ⁽³⁾	1.51 ⁽³⁾	4.43 ⁽⁶⁾	6.95 ⁽⁶⁾	11.45	0.38 ⁽³⁾	2.25 ⁽⁶⁾	6.07 ⁽⁶⁾	9.54 ⁽⁷⁾	15.53		

25 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.96	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.94	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.93	8.18	11.55	19.61
	24		4.93	8.18	11.55	19.61
12	12		4.87	8.05	11.42	19.34
	16		4.87	8.05	11.42	19.34
	24		4.30	8.05	11.42	19.34
14	12		4.80	7.86	11.24	18.75
	16		4.38	7.86	11.24	18.75
	24		3.44 ⁽⁷⁾	7.56	11.24	18.75
16	12		4.27	7.61	10.91	17.95
	16		3.66 ⁽⁷⁾	7.56	10.91	17.95
	24		2.49 ⁽⁶⁾	6.39 ⁽⁶⁾	10.24 ⁽⁷⁾	17.95

30 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)						350S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	1.48 ⁽⁶⁾	2.50 ⁽⁷⁾	4.08	5.17	7.58	1.91 ⁽⁷⁾	3.11	5.11	6.42	9.17		
	16	1.12 ⁽⁶⁾	2.15 ⁽⁶⁾	3.95 ⁽⁷⁾	5.17	7.58	1.51 ⁽⁶⁾	2.69 ⁽⁶⁾	5.07	6.42	9.17		
	24	0.47 ⁽³⁾	1.49 ⁽³⁾	3.30 ⁽⁶⁾	4.90 ⁽⁶⁾	7.58 ⁽⁷⁾	0.78 ⁽³⁾	1.90 ⁽⁶⁾	4.30 ⁽⁶⁾	6.32 ⁽⁷⁾	9.17		
9	12	1.12 ⁽⁶⁾	2.08 ⁽⁶⁾	3.70 ⁽⁶⁾	4.83 ⁽⁷⁾	7.06	1.49 ⁽⁶⁾	2.59 ⁽⁶⁾	4.72 ⁽⁷⁾	5.97	8.50		
	16	0.71 ⁽³⁾	1.67 ⁽³⁾	3.30 ⁽⁶⁾	4.77 ⁽⁶⁾	7.06	1.04 ⁽³⁾	2.11 ⁽⁶⁾	4.26 ⁽⁶⁾	5.97 ⁽⁷⁾	8.50		
	24		0.93 ⁽²⁾	2.57 ⁽³⁾	4.05 ⁽³⁾	6.81 ⁽⁶⁾	0.23 ⁽²⁾	1.22 ⁽³⁾	3.40 ⁽³⁾	5.27 ⁽⁶⁾	8.50 ⁽⁶⁾		
10	12	0.77 ⁽³⁾	1.67 ⁽³⁾	3.10 ⁽⁶⁾	4.43 ⁽⁶⁾	6.48 ⁽⁷⁾	1.09 ⁽³⁾	2.08 ⁽⁶⁾	3.97 ⁽⁶⁾	5.49 ⁽⁷⁾	7.79		
	16	0.33 ⁽²⁾	1.22 ⁽³⁾	2.66 ⁽³⁾	4.01 ⁽⁶⁾	6.48 ⁽⁶⁾	0.60 ⁽²⁾	1.55 ⁽³⁾	3.46 ⁽⁶⁾	5.14 ⁽⁶⁾	7.79 ⁽⁷⁾		
	24		0.42 ⁽²⁾	1.88 ⁽²⁾	3.24 ⁽³⁾	5.66 ⁽³⁾		0.60 ⁽²⁾	2.55 ⁽³⁾	4.27 ⁽³⁾	7.20 ⁽⁶⁾		
12	12	0.17 ⁽²⁾	0.91 ⁽²⁾	2.02 ⁽³⁾	3.10 ⁽³⁾	5.05 ⁽⁶⁾	0.38 ⁽²⁾	1.16 ⁽²⁾	2.61 ⁽³⁾	3.96 ⁽³⁾	6.31 ⁽⁶⁾		
	16		0.42 ⁽²⁾	1.56 ⁽²⁾	2.64 ⁽²⁾	4.54 ⁽³⁾		0.58 ⁽²⁾	2.09 ⁽²⁾	3.45 ⁽³⁾	5.76 ⁽⁶⁾		
	24			0.77 ⁽²⁾	1.84 ⁽²⁾	3.63 ⁽²⁾			1.16 ⁽²⁾	2.54 ⁽²⁾	4.77 ⁽³⁾		
14	12		0.31 ⁽²⁾	1.22 ⁽²⁾	2.07 ⁽²⁾	3.55 ⁽³⁾		0.44 ⁽²⁾	1.62 ⁽²⁾	2.70 ⁽²⁾	4.52 ⁽³⁾		
	16			0.78 ⁽¹⁾	1.63 ⁽²⁾	3.05 ⁽²⁾			1.11 ⁽²⁾	2.20 ⁽²⁾	3.97 ⁽²⁾		
	24			0.02 ⁽¹⁾	0.85 ⁽¹⁾	2.17 ⁽²⁾			0.24 ⁽¹⁾	1.33 ⁽¹⁾	3.01 ⁽²⁾		
16	12			0.65 ⁽¹⁾	1.33 ⁽²⁾	2.47 ⁽²⁾			0.92 ⁽²⁾	1.80 ⁽²⁾	3.22 ⁽²⁾		
	16			0.24 ⁽¹⁾	0.91 ⁽¹⁾	1.99 ⁽²⁾			0.45 ⁽¹⁾	1.32 ⁽¹⁾	2.69 ⁽²⁾		
	24				0.19 ⁽¹⁾	1.16 ⁽¹⁾				0.51 ⁽¹⁾	1.78 ⁽¹⁾		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

30 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.60	5.79	7.47	10.57	1.16 ⁽⁶⁾	2.03 ⁽⁷⁾	3.42	4.45
	16		3.15 ⁽⁷⁾	5.79	7.47	10.57	0.85 ⁽⁶⁾	1.72 ⁽⁶⁾	3.36 ⁽⁶⁾	4.45 ⁽⁷⁾
	24		2.31 ⁽⁶⁾	5.07 ⁽⁶⁾	7.15 ⁽⁷⁾	10.57	0.26 ⁽³⁾	1.12 ⁽³⁾	2.82 ⁽⁶⁾	4.13 ⁽⁶⁾
9	12		3.07 ⁽⁷⁾	5.51	6.95	9.81	0.86 ⁽³⁾	1.69 ⁽⁶⁾	3.21 ⁽⁶⁾	4.21 ⁽⁷⁾
	16		2.54 ⁽⁶⁾	5.07 ⁽⁶⁾	6.91	9.81	0.50 ⁽³⁾	1.32 ⁽³⁾	2.87 ⁽⁶⁾	4.09 ⁽⁶⁾
	24		1.58 ⁽³⁾	4.13 ⁽⁶⁾	5.91 ⁽⁶⁾	9.81 ⁽⁷⁾		0.63 ⁽²⁾	2.25 ⁽³⁾	3.44 ⁽⁶⁾
10	12		2.55 ⁽⁶⁾	4.77 ⁽⁶⁾	6.40	9.01	0.56 ⁽³⁾	1.34 ⁽³⁾	2.73 ⁽⁶⁾	3.86 ⁽⁶⁾
	16		1.96 ⁽³⁾	4.21 ⁽⁶⁾	5.81 ⁽⁶⁾	9.01	0.17 ⁽²⁾	0.92 ⁽²⁾	2.36 ⁽³⁾	3.47 ⁽⁶⁾
	24		0.90 ⁽²⁾	3.19 ⁽³⁾	4.73 ⁽⁶⁾	8.63 ⁽⁶⁾		0.18 ⁽²⁾	1.68 ⁽²⁾	2.75 ⁽³⁾
12	12		1.49 ⁽³⁾	3.20 ⁽³⁾	4.48 ⁽⁶⁾	7.34 ⁽⁶⁾	0.04 ⁽²⁾	0.68 ⁽²⁾	1.84 ⁽²⁾	2.73 ⁽³⁾
	16		0.84 ⁽²⁾	2.61 ⁽³⁾	3.85 ⁽³⁾	6.95 ⁽⁶⁾		0.22 ⁽²⁾	1.43 ⁽²⁾	2.29 ⁽²⁾
	24			1.58 ⁽²⁾	2.73 ⁽²⁾	5.86 ⁽³⁾			0.71 ⁽¹⁾	1.53 ⁽²⁾
14	12		0.65 ⁽²⁾	2.04 ⁽²⁾	3.01 ⁽³⁾	5.49 ⁽⁶⁾		0.16 ⁽¹⁾	1.13 ⁽²⁾	1.81 ⁽²⁾
	16		0.02 ⁽²⁾	1.46 ⁽²⁾	2.39 ⁽²⁾	4.88 ⁽³⁾			0.73 ⁽¹⁾	1.38 ⁽²⁾
	24			0.48 ⁽¹⁾	1.32 ⁽²⁾	3.81 ⁽²⁾			0.03 ⁽¹⁾	0.64 ⁽¹⁾
16	12		0.05 ⁽¹⁾	1.21 ⁽²⁾	1.96 ⁽²⁾	3.97 ⁽³⁾			0.61 ⁽¹⁾	1.14 ⁽¹⁾
	16			0.68 ⁽¹⁾	1.37 ⁽²⁾	3.38 ⁽²⁾			0.23 ⁽¹⁾	0.73 ⁽¹⁾
	24				0.37 ⁽¹⁾	2.36 ⁽²⁾				0.04 ⁽¹⁾

30 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)					362S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.58 ⁽⁶⁾	2.64	4.27	5.48	8.00	2.02 ⁽⁷⁾	3.28	5.34	6.80	9.68
	16	1.23 ⁽⁶⁾	2.29 ⁽⁶⁾	4.21 ⁽⁷⁾	5.48	8.00	1.63 ⁽⁶⁾	2.86 ⁽⁷⁾	5.34	6.80	9.68
	24	0.57 ⁽³⁾	1.63 ⁽⁶⁾	3.56 ⁽⁶⁾	5.29 ⁽⁶⁾	8.00	0.91 ⁽³⁾	2.07 ⁽⁶⁾	4.62 ⁽⁶⁾	6.79 ⁽⁷⁾	9.68
9	12	1.22 ⁽⁶⁾	2.23 ⁽⁶⁾	3.99 ⁽⁷⁾	5.15	7.50	1.61 ⁽⁶⁾	2.77 ⁽⁶⁾	5.02	6.36	9.04
	16	0.82 ⁽³⁾	1.82 ⁽⁶⁾	3.58 ⁽⁶⁾	5.15 ⁽⁶⁾	7.50	1.16 ⁽³⁾	2.28 ⁽⁶⁾	4.59 ⁽⁶⁾	6.36 ⁽⁷⁾	9.04
	24	0.08 ⁽²⁾	1.07 ⁽³⁾	2.83 ⁽³⁾	4.43 ⁽⁶⁾	7.36 ⁽⁶⁾	0.35 ⁽²⁾	1.39 ⁽³⁾	3.71 ⁽⁶⁾	5.74 ⁽⁶⁾	9.04 ⁽⁷⁾
10	12	0.87 ⁽³⁾	1.81 ⁽⁶⁾	3.40 ⁽⁶⁾	4.78 ⁽⁶⁾	6.93	1.21 ⁽³⁾	2.26 ⁽⁶⁾	4.32 ⁽⁶⁾	5.88 ⁽⁷⁾	8.33
	16	0.43 ⁽²⁾	1.36 ⁽³⁾	2.95 ⁽³⁾	4.39 ⁽⁶⁾	6.93 ⁽⁶⁾	0.71 ⁽³⁾	1.72 ⁽³⁾	3.79 ⁽⁶⁾	5.60 ⁽⁶⁾	8.33 ⁽⁷⁾
	24		0.54 ⁽²⁾	2.13 ⁽²⁾	3.59 ⁽³⁾	6.20 ⁽⁶⁾		0.75 ⁽²⁾	2.85 ⁽³⁾	4.70 ⁽³⁾	7.86 ⁽⁶⁾
12	12	0.25 ⁽²⁾	1.03 ⁽²⁾	2.26 ⁽³⁾	3.42 ⁽³⁾	5.56 ⁽⁶⁾	0.48 ⁽²⁾	1.31 ⁽³⁾	2.91 ⁽³⁾	4.37 ⁽⁶⁾	6.83 ⁽⁶⁾
	16		0.53 ⁽²⁾	1.78 ⁽²⁾	2.95 ⁽³⁾	5.02 ⁽³⁾		0.72 ⁽²⁾	2.36 ⁽²⁾	3.83 ⁽³⁾	6.35 ⁽⁶⁾
	24			0.94 ⁽²⁾	2.10 ⁽²⁾	4.06 ⁽²⁾			1.39 ⁽²⁾	2.88 ⁽²⁾	5.31 ⁽³⁾
14	12		0.41 ⁽²⁾	1.39 ⁽²⁾	2.32 ⁽²⁾	3.94 ⁽³⁾		0.55 ⁽²⁾	1.84 ⁽²⁾	3.01 ⁽³⁾	5.00 ⁽³⁾
	16			0.93 ⁽²⁾	1.85 ⁽²⁾	3.41 ⁽²⁾			1.30 ⁽²⁾	2.48 ⁽²⁾	4.42 ⁽³⁾
	24			0.12 ⁽¹⁾	1.03 ⁽¹⁾	2.48 ⁽²⁾			0.38 ⁽¹⁾	1.56 ⁽²⁾	3.40 ⁽²⁾
16	12			0.77 ⁽¹⁾	1.52 ⁽²⁾	2.76 ⁽²⁾		0.01 ⁽¹⁾	1.08 ⁽²⁾	2.03 ⁽²⁾	3.58 ⁽²⁾
	16			0.33 ⁽¹⁾	1.07 ⁽¹⁾	2.26 ⁽²⁾			0.57 ⁽¹⁾	1.52 ⁽²⁾	3.02 ⁽²⁾
	24				0.30 ⁽¹⁾	1.38 ⁽¹⁾				0.66 ⁽¹⁾	2.06 ⁽¹⁾

30 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.76	6.00	7.91	11.17	1.39 ⁽⁷⁾	2.34	3.77	5.10
	16		3.32	6.00	7.91	11.17	1.08 ⁽⁶⁾	2.03 ⁽⁶⁾	3.77	5.10
	24		2.49 ⁽⁶⁾	5.39 ⁽⁷⁾	7.70	11.17	0.51 ⁽³⁾	1.46 ⁽⁶⁾	3.37 ⁽⁶⁾	5.01 ⁽⁷⁾
9	12		3.24 ⁽⁷⁾	5.73	7.40	10.43	1.10 ⁽⁶⁾	2.02 ⁽⁶⁾	3.65 ⁽⁷⁾	4.93
	16		2.72 ⁽⁶⁾	5.39 ⁽⁷⁾	7.40	10.43	0.74 ⁽³⁾	1.65 ⁽⁶⁾	3.44 ⁽⁶⁾	4.93 ⁽⁷⁾
	24		1.76 ⁽³⁾	4.45 ⁽⁶⁾	6.44 ⁽⁶⁾	10.43	0.08 ⁽²⁾	0.97 ⁽³⁾	2.81 ⁽³⁾	4.34 ⁽⁶⁾
10	12		2.72 ⁽⁶⁾	5.16 ⁽⁷⁾	6.85	9.64	0.80 ⁽³⁾	1.67 ⁽⁶⁾	3.34 ⁽⁶⁾	4.70 ⁽⁷⁾
	16		2.13 ⁽⁶⁾	4.58 ⁽⁶⁾	6.34 ⁽⁶⁾	9.64	0.40 ⁽²⁾	1.26 ⁽³⁾	2.95 ⁽⁶⁾	4.40 ⁽⁶⁾
	24		1.06 ⁽³⁾	3.54 ⁽³⁾	5.22 ⁽⁶⁾	9.39 ⁽⁶⁾		0.50 ⁽²⁾	2.24 ⁽³⁾	3.62 ⁽³⁾
12	12		1.67 ⁽³⁾	3.56 ⁽⁶⁾	4.94 ⁽⁶⁾	7.95 ⁽⁷⁾	0.24 ⁽²⁾	1.00 ⁽²⁾	2.43 ⁽⁶⁾	3.60 ⁽³⁾
	16		1.01 ⁽²⁾	2.94 ⁽³⁾	4.28 ⁽³⁾	7.64 ⁽⁶⁾		0.51 ⁽²⁾	1.98 ⁽²⁾	3.11 ⁽³⁾
	24			1.85 ⁽²⁾	3.10 ⁽²⁾	6.50 ⁽³⁾			1.18 ⁽²⁾	2.24 ⁽²⁾
14	12		0.79 ⁽²⁾	2.30 ⁽²⁾	3.36 ⁽³⁾	6.05 ⁽⁶⁾		0.41 ⁽²⁾	1.61 ⁽²⁾	2.51 ⁽²⁾
	16		0.13 ⁽²⁾	1.69 ⁽²⁾	2.71 ⁽²⁾	5.40 ⁽³⁾			1.15 ⁽²⁾	2.01 ⁽²⁾
	24			0.65 ⁽¹⁾	1.57 ⁽²⁾	4.27 ⁽²⁾			0.35 ⁽¹⁾	1.14 ⁽¹⁾
16	12		0.15 ⁽²⁾	1.40 ⁽²⁾	2.22 ⁽²⁾	4.39 ⁽³⁾			0.98 ⁽²⁾	1.66 ⁽²⁾
	16			0.83 ⁽¹⁾	1.60 ⁽²⁾	3.77 ⁽²⁾			0.53 ⁽¹⁾	1.19 ⁽¹⁾
	24				0.53 ⁽¹⁾	2.70 ⁽²⁾				0.36 ⁽¹⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

30 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)						400S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68		97	33	43	54		68	97
8	12	1.85 ⁽⁷⁾	3.00	4.73	6.27	9.21	2.32	3.72	5.92	7.74	11.17		
	16	1.52 ⁽⁶⁾	2.67 ⁽⁷⁾	4.73	6.27	9.21	1.95 ⁽⁷⁾	3.32	5.92	7.74	11.17		
	24	0.88 ⁽³⁾	2.04 ⁽⁶⁾	4.26 ⁽⁶⁾	6.27 ⁽⁷⁾	9.21	1.26 ⁽⁶⁾	2.57 ⁽⁶⁾	5.49 ⁽⁷⁾	7.74	11.17		
9	12	1.51 ⁽⁶⁾	2.62 ⁽⁷⁾	4.55	6.01	8.77	1.94 ⁽⁶⁾	3.25	5.65	7.38	10.59		
	16	1.11 ⁽⁶⁾	2.22 ⁽⁶⁾	4.30 ⁽⁶⁾	6.01	8.77	1.50 ⁽⁶⁾	2.77 ⁽⁶⁾	5.48 ⁽⁷⁾	7.38	10.59		
	24	0.38 ⁽³⁾	1.48 ⁽³⁾	3.54 ⁽⁶⁾	5.53 ⁽⁶⁾	8.77 ⁽⁷⁾	0.70 ⁽³⁾	1.88 ⁽⁶⁾	4.59 ⁽⁶⁾	7.06 ⁽⁶⁾	10.59		
10	12	1.16 ⁽⁶⁾	2.22 ⁽⁶⁾	4.13 ⁽⁶⁾	5.71 ⁽⁷⁾	8.26	1.54 ⁽⁶⁾	2.75 ⁽⁶⁾	5.23 ⁽⁷⁾	6.97	9.93		
	16	0.71 ⁽³⁾	1.76 ⁽³⁾	3.67 ⁽⁶⁾	5.53 ⁽⁶⁾	8.26	1.05 ⁽³⁾	2.21 ⁽⁶⁾	4.69 ⁽⁶⁾	6.97 ⁽⁷⁾	9.93		
	24		0.93 ⁽²⁾	2.82 ⁽³⁾	4.67 ⁽³⁾	7.83 ⁽⁶⁾	0.16 ⁽²⁾	1.22 ⁽³⁾	3.70 ⁽³⁾	6.00 ⁽⁶⁾	9.84 ⁽⁶⁾		
12	12	0.50 ⁽²⁾	1.42 ⁽³⁾	2.98 ⁽³⁾	4.51 ⁽⁶⁾	7.08 ⁽⁶⁾	0.79 ⁽³⁾	1.77 ⁽³⁾	3.79 ⁽⁶⁾	5.69 ⁽⁶⁾	8.47 ⁽⁷⁾		
	16		0.89 ⁽²⁾	2.44 ⁽³⁾	3.97 ⁽³⁾	6.59 ⁽⁶⁾	0.23 ⁽²⁾	1.15 ⁽²⁾	3.17 ⁽³⁾	5.08 ⁽⁶⁾	8.25 ⁽⁶⁾		
	24			1.51 ⁽²⁾	3.00 ⁽²⁾	5.50 ⁽³⁾		0.06 ⁽²⁾	2.09 ⁽²⁾	3.99 ⁽³⁾	7.07 ⁽³⁾		
14	12		0.72 ⁽²⁾	1.96 ⁽²⁾	3.17 ⁽³⁾	5.25 ⁽³⁾	0.16 ⁽²⁾	0.93 ⁽²⁾	2.54 ⁽³⁾	4.05 ⁽³⁾	6.58 ⁽⁶⁾		
	16		0.18 ⁽²⁾	1.43 ⁽²⁾	2.62 ⁽²⁾	4.63 ⁽³⁾		0.29 ⁽²⁾	1.92 ⁽²⁾	3.43 ⁽²⁾	5.91 ⁽³⁾		
	24			0.50 ⁽¹⁾	1.66 ⁽²⁾	3.55 ⁽²⁾			0.86 ⁽²⁾	2.35 ⁽²⁾	4.72 ⁽²⁾		
16	12		0.18 ⁽¹⁾	1.20 ⁽²⁾	2.15 ⁽²⁾	3.76 ⁽²⁾		0.28 ⁽²⁾	1.61 ⁽²⁾	2.80 ⁽²⁾	4.80 ⁽³⁾		
	16			0.69 ⁽¹⁾	1.63 ⁽²⁾	3.17 ⁽²⁾			1.02 ⁽²⁾	2.21 ⁽²⁾	4.15 ⁽²⁾		
	24				0.73 ⁽¹⁾	2.15 ⁽¹⁾			0.01 ⁽¹⁾	1.20 ⁽¹⁾	3.02 ⁽²⁾		

30 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)					550S162-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		4.14	6.39	8.85	12.91	2.53	3.50	5.75	7.60
	16		3.78	6.39	8.85	12.91	2.33	3.50	5.75	7.60
	24		2.99 ⁽⁷⁾	6.12	8.85	12.91	1.84	3.19	5.75	7.60
9	12		3.72	6.25	8.55	12.22	2.35	3.47	5.67	7.60
	16		3.22 ⁽⁷⁾	6.23	8.55	12.22	2.03	3.36	5.67	7.60
	24		2.28 ⁽⁶⁾	5.31 ⁽⁶⁾	7.94 ⁽⁷⁾	12.22	1.42 ⁽⁶⁾	2.76 ⁽⁷⁾	5.63	7.60
10	12		3.21 ⁽⁷⁾	6.04	8.09	11.47	2.08	3.39	5.58	7.48
	16		2.63 ⁽⁶⁾	5.48 ⁽⁶⁾	7.90	11.47	1.70 ⁽⁶⁾	3.01	5.58	7.48
	24		1.57 ⁽³⁾	4.42 ⁽⁶⁾	6.70 ⁽⁶⁾	11.47 ⁽⁷⁾	0.97 ⁽⁶⁾	2.29 ⁽⁶⁾	5.05 ⁽⁷⁾	7.48
12	12		2.19 ⁽⁶⁾	4.58 ⁽⁶⁾	6.44 ⁽⁶⁾	9.83	1.48 ⁽⁶⁾	2.74 ⁽⁶⁾	5.30 ⁽⁷⁾	7.13
	16		1.50 ⁽³⁾	3.90 ⁽³⁾	5.69 ⁽⁶⁾	9.83 ⁽⁶⁾	0.98 ⁽³⁾	2.23 ⁽⁶⁾	4.76 ⁽⁶⁾	7.13 ⁽⁷⁾
	24		0.28 ⁽²⁾	2.68 ⁽²⁾	4.34 ⁽³⁾	8.53 ⁽⁶⁾	0.07 ⁽²⁾	1.30 ⁽³⁾	3.77 ⁽³⁾	6.18 ⁽⁶⁾
14	12		1.23 ⁽²⁾	3.13 ⁽³⁾	4.54 ⁽³⁾	7.90 ⁽⁶⁾	0.87 ⁽³⁾	2.02 ⁽³⁾	4.27 ⁽⁶⁾	6.48 ⁽⁶⁾
	16		0.51 ⁽²⁾	2.44 ⁽²⁾	3.78 ⁽³⁾	7.15 ⁽⁶⁾	0.29 ⁽²⁾	1.42 ⁽³⁾	3.63 ⁽³⁾	5.82 ⁽⁶⁾
	24			1.24 ⁽²⁾	2.46 ⁽²⁾	5.84 ⁽³⁾		0.34 ⁽²⁾	2.47 ⁽²⁾	4.62 ⁽³⁾
16	12		0.48 ⁽²⁾	2.03 ⁽²⁾	3.10 ⁽³⁾	5.82 ⁽³⁾	0.30 ⁽²⁾	1.32 ⁽²⁾	3.24 ⁽³⁾	5.18 ⁽⁶⁾
	16			1.37 ⁽²⁾	2.37 ⁽²⁾	5.10 ⁽³⁾		0.67 ⁽²⁾	2.54 ⁽²⁾	4.45 ⁽³⁾
	24			0.24 ⁽¹⁾	1.12 ⁽²⁾	3.84 ⁽²⁾			1.32 ⁽²⁾	3.16 ⁽²⁾

30 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)					550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	16	2.85	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	24	2.31	3.99	7.31	9.67	15.00		4.39	7.53	10.75	17.47
9	12	2.85	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10
	16	2.51	4.18	7.18	9.50	14.72		4.59	7.41	10.56	17.10
	24	1.86 ⁽⁷⁾	3.45	7.18	9.50	14.72		3.85	7.41	10.56	17.10
10	12	2.56	4.19	7.01	9.28	14.38		4.55	7.27	10.34	16.66
	16	2.15 ⁽⁷⁾	3.74	7.01	9.28	14.38		4.15	7.27	10.34	16.66
	24	1.37 ⁽⁶⁾	2.87 ⁽⁶⁾	6.53 ⁽⁷⁾	9.28	14.38		3.26 ⁽⁷⁾	6.99	10.34	16.66
12	12	1.90 ⁽⁶⁾	3.37 ⁽⁷⁾	6.60	8.74	13.51		3.79	6.83	9.81	15.58
	16	1.36 ⁽⁶⁾	2.77 ⁽⁶⁾	6.07 ⁽⁷⁾	8.74	13.51		3.17 ⁽⁶⁾	6.51 ⁽⁷⁾	9.81	15.58
	24	0.37 ⁽³⁾	1.65 ⁽³⁾	4.91 ⁽⁶⁾	7.88 ⁽⁶⁾	13.51 ⁽⁷⁾		2.01 ⁽⁶⁾	5.37 ⁽⁶⁾	8.56 ⁽⁶⁾	15.58
14	12	1.21 ⁽³⁾	2.48 ⁽⁶⁾	5.38 ⁽⁶⁾	8.04 ⁽⁷⁾	12.41	2.89 ⁽⁶⁾	6.03 ⁽⁶⁾	9.01	14.28	
	16	0.58 ⁽³⁾	1.77 ⁽³⁾	4.64 ⁽⁶⁾	7.32 ⁽⁶⁾	12.41 ⁽⁷⁾	2.14 ⁽⁶⁾	5.27 ⁽⁶⁾	8.10 ⁽⁶⁾	14.28	
	24		0.49 ⁽²⁾	3.31 ⁽³⁾	5.97 ⁽³⁾	11.04 ⁽⁶⁾	0.78 ⁽³⁾	3.89 ⁽³⁾	6.46 ⁽⁶⁾	13.07 ⁽⁶⁾	
16	12	0.57 ⁽²⁾	1.64 ⁽³⁾	4.10 ⁽³⁾	6.46 ⁽⁶⁾	11.11 ⁽⁶⁾	2.01 ⁽³⁾	4.85 ⁽⁶⁾	7.25 ⁽⁶⁾	12.84 ⁽⁷⁾	
	16		0.87 ⁽²⁾	3.31 ⁽³⁾	5.65 ⁽³⁾	10.14 ⁽⁶⁾	1.17 ⁽³⁾	3.98 ⁽³⁾	6.24 ⁽⁶⁾	11.98 ⁽⁶⁾	
	24			1.91 ⁽²⁾	4.20 ⁽²⁾	8.42 ⁽³⁾		2.46 ⁽²⁾	4.47 ⁽³⁾	10.09 ⁽³⁾	

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

30 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)						600S162-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12	1.88	2.61	3.90	5.17	7.82	2.56	3.52	5.72	7.57	11.63	
	16	1.75	2.61	3.90	5.17	7.82	2.48	3.52	5.72	7.57	11.63	
	24	1.39	2.41	3.90	5.17	7.82	2.03	3.39	5.72	7.57	11.63	
9	12	1.78	2.61	3.90	5.17	7.82	2.51	3.52	5.72	7.57	11.63	
	16	1.55	2.56	3.90	5.17	7.82	2.23	3.52	5.72	7.57	11.63	
	24	1.09 ⁽⁶⁾	2.12	3.90	5.17	7.82	1.67 ⁽⁷⁾	3.03	5.72	7.57	11.63	
10	12	1.61	2.61	3.90	5.17	7.82	2.29	3.52	5.72	7.57	11.63	
	16	1.32 ⁽⁷⁾	2.33	3.90	5.17	7.82	1.94 ⁽⁷⁾	3.29	5.72	7.57	11.63	
	24	0.77 ⁽⁶⁾	1.79 ⁽⁶⁾	3.77 ⁽⁷⁾	5.17	7.82	1.26 ⁽⁶⁾	2.63 ⁽⁷⁾	5.50	7.57	11.63	
12	12	1.20 ⁽⁶⁾	2.20 ⁽⁷⁾	3.90	5.17	7.82	1.74 ⁽⁶⁾	3.06 ⁽⁷⁾	5.61	7.52	11.63	
	16	0.81 ⁽³⁾	1.81 ⁽⁶⁾	3.76 ⁽⁶⁾	5.17 ⁽⁷⁾	7.82	1.27 ⁽⁶⁾	2.59 ⁽⁶⁾	5.34 ⁽⁷⁾	7.52	11.63	
	24	0.07 ⁽²⁾	1.06 ⁽³⁾	3.09 ⁽⁶⁾	4.69 ⁽⁶⁾	7.82 ⁽⁷⁾	0.40 ⁽³⁾	1.70 ⁽³⁾	4.40 ⁽⁶⁾	6.99 ⁽⁶⁾	11.63	
14	12	0.75 ⁽³⁾	1.73 ⁽⁶⁾	3.64 ⁽⁶⁾	5.17 ⁽⁶⁾	7.82	1.15 ⁽³⁾	2.40 ⁽⁶⁾	4.91 ⁽⁶⁾	7.14 ⁽⁷⁾	11.33	
	16	0.26 ⁽²⁾	1.22 ⁽³⁾	3.18 ⁽⁶⁾	4.76 ⁽⁶⁾	7.82 ⁽⁷⁾	0.59 ⁽³⁾	1.81 ⁽³⁾	4.28 ⁽⁶⁾	6.70 ⁽⁶⁾	11.33 ⁽⁷⁾	
	24		0.30 ⁽²⁾	2.32 ⁽³⁾	3.84 ⁽³⁾	7.02 ⁽⁶⁾		0.75 ⁽²⁾	3.14 ⁽³⁾	5.52 ⁽³⁾	10.29 ⁽⁶⁾	
16	12	.028 ⁽²⁾	1.21 ⁽³⁾	3.11 ⁽³⁾	4.65 ⁽⁶⁾	7.82 ⁽⁶⁾	0.58 ⁽²⁾	1.71 ⁽³⁾	3.91 ⁽⁶⁾	6.10 ⁽⁶⁾	10.48 ⁽⁷⁾	
	16		0.61 ⁽²⁾	2.54 ⁽³⁾	4.03 ⁽³⁾	7.16 ⁽⁶⁾		1.05 ⁽²⁾	3.20 ⁽³⁾	5.36 ⁽³⁾	9.72 ⁽⁶⁾	
	24			1.52 ⁽²⁾	2.91 ⁽²⁾	5.86 ⁽³⁾			1.94 ⁽²⁾	4.04 ⁽²⁾	8.10 ⁽³⁾	

30 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)						600S250-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97		
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	16	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	24	2.54	4.31	7.56	10.03	15.61		4.70	7.76	11.06	18.26		
9	12	3.01	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
	16	2.73	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96		
	24	2.12	3.83	7.46	9.89	15.40		4.22	7.66	10.96	17.96		
10	12	2.78	4.36	7.34	9.72	15.14		4.67	7.55	10.79	17.60		
	16	2.40	4.10	7.34	9.72	15.14		4.49	7.55	10.79	17.60		
	24	1.67 ⁽⁶⁾	3.29 ⁽⁷⁾	7.21	9.72	15.14		3.68	7.55	10.79	17.60		
12	12	2.17 ⁽⁷⁾	3.77	7.00	9.28	14.44		4.18	7.26	10.34	16.69		
	16	1.66 ⁽⁶⁾	3.20 ⁽⁷⁾	6.82	9.28	14.44		3.60 ⁽⁷⁾	7.26	10.34	16.69		
	24	0.71 ⁽³⁾	2.14 ⁽⁶⁾	5.71 ⁽⁶⁾	8.90 ⁽⁷⁾	14.44		2.50 ⁽⁶⁾	6.19 ⁽⁶⁾	9.64	16.69		
14	12	1.51 ⁽⁶⁾	2.94 ⁽⁶⁾	6.19 ⁽⁷⁾	8.69	13.51		3.35 ⁽⁶⁾	6.66 ⁽⁷⁾	9.78	15.55		
	16	0.90 ⁽³⁾	2.24 ⁽⁶⁾	5.46 ⁽⁶⁾	8.40 ⁽⁶⁾	13.51		2.62 ⁽⁶⁾	5.94 ⁽⁶⁾	9.20 ⁽⁷⁾	15.55		
	24		0.98 ⁽³⁾	4.13 ⁽³⁾	7.07 ⁽⁶⁾	12.82 ⁽⁶⁾		1.29 ⁽³⁾	4.62 ⁽³⁾	7.61 ⁽⁶⁾	15.10 ⁽⁷⁾		
16	12	0.87 ⁽³⁾	2.10 ⁽³⁾	4.93 ⁽⁶⁾	7.58 ⁽⁶⁾	12.39		2.48 ⁽⁶⁾	5.59 ⁽⁶⁾	8.45 ⁽⁷⁾	14.25		
	16	0.18 ⁽²⁾	1.32 ⁽³⁾	4.11 ⁽³⁾	6.75 ⁽⁶⁾	11.96 ⁽⁶⁾		1.65 ⁽³⁾	4.74 ⁽⁶⁾	7.44 ⁽⁶⁾	14.05 ⁽⁷⁾		
	24			2.67 ⁽²⁾	5.26 ⁽³⁾	10.20 ⁽⁶⁾		0.16 ⁽²⁾	3.22 ⁽³⁾	5.63 ⁽³⁾	12.11 ⁽⁶⁾		

30 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)					725S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16
	16	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16
	24	2.24	3.48	5.60	7.44	11.56	2.88	4.60	7.90	10.45	16.16
9	12	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16
	16	2.41	3.48	5.60	7.44	11.56	3.06	4.59	7.90	10.45	16.16
	24	1.94	3.40	5.60	7.44	11.56	2.53	4.51	7.90	10.45	16.16
10	12	2.46	3.48	5.60	7.44	11.56	3.09	4.57	7.85	10.43	16.16
	16	2.18	3.48	5.60	7.44	11.56	2.78	4.57	7.85	10.43	16.16
	24	1.61	3.10	5.60	7.44	11.56	2.14	4.09	7.85	10.43	16.16
12	12	2.06	3.48	5.60	7.44	11.56	2.61	4.50	7.66	10.18	15.96
	16	1.65 ⁽⁷⁾	3.12	5.60	7.44	11.56	2.16	4.05	7.66	10.18	15.96
	24	0.87 ⁽⁶⁾	2.41 ⁽⁶⁾	5.21 ⁽⁷⁾	7.44	11.56	1.28 ⁽⁶⁾	3.14 ⁽⁷⁾	7.28	10.18	15.96
14	12	1.58 ⁽⁶⁾	3.05 ⁽⁷⁾	5.60	7.44	11.56	2.04 ⁽⁷⁾	3.85	7.39	9.82	15.40
	16	1.05 ⁽⁶⁾	2.56 ⁽⁶⁾	5.32 ⁽⁷⁾	7.44	11.56	1.45 ⁽⁶⁾	3.24 ⁽⁶⁾	7.14	9.82	15.40
	24	0.06 ⁽³⁾	1.63 ⁽³⁾	4.35 ⁽⁶⁾	6.90 ⁽⁶⁾	11.56	0.35 ⁽³⁾	2.09 ⁽⁶⁾	5.93 ⁽⁶⁾	9.33 ⁽⁷⁾	15.40
16	12	1.06 ⁽⁶⁾	2.54 ⁽⁶⁾	5.24 ⁽⁶⁾	7.44 ⁽⁷⁾	11.56	1.42 ⁽⁶⁾	3.11 ⁽⁶⁾	6.70 ⁽⁷⁾	9.33	14.62
	16	0.42 ⁽³⁾	1.92 ⁽³⁾	4.59 ⁽⁶⁾	7.10 ⁽⁶⁾	11.56	0.72 ⁽³⁾	2.37 ⁽⁶⁾	5.92 ⁽⁶⁾	9.11 ⁽⁷⁾	14.62
	24		0.80 ⁽²⁾	3.38 ⁽³⁾	5.88 ⁽³⁾	10.77 ⁽⁶⁾		1.02 ⁽³⁾	4.50 ⁽³⁾	7.69 ⁽⁶⁾	14.06 ⁽⁶⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

30 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)						800S137-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	16		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	24		4.90	8.12	11.47	19.42	1.58	2.50	3.62	4.83	7.46		
9	12		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	16		4.88	8.07	11.42	19.31	1.70	2.50	3.62	4.83	7.46		
	24		4.88	8.07	11.42	19.31	1.37	2.40	3.62	4.83	7.46		
10	12		4.86	8.01	11.36	19.18	1.75	2.50	3.62	4.83	7.46		
	16		4.86	8.01	11.36	19.18	1.54	2.50	3.62	4.83	7.46		
	24		4.47	8.01	11.36	19.18	1.13	2.18	3.62	4.83	7.46		
12	12		4.78	7.83	11.18	18.61	1.46	2.48	3.62	4.83	7.46		
	16		4.42	7.83	11.18	18.61	1.16	2.21	3.62	4.83	7.46		
	24		3.50	7.65	11.18	18.61	0.59 ⁽⁶⁾	1.67 ⁽⁷⁾	3.48	4.83	7.46		
14	12		4.23	7.58	10.87	17.82	1.13 ⁽⁷⁾	2.16	3.62	4.83	7.46		
	16		3.61 ⁽⁷⁾	7.53	10.87	17.82	0.73 ⁽⁶⁾	1.79 ⁽⁶⁾	3.57	4.83	7.46		
	24		2.43 ⁽⁶⁾	6.36 ⁽⁶⁾	10.02 ⁽⁷⁾	17.82		1.08 ⁽⁶⁾	2.97 ⁽⁶⁾	4.70 ⁽⁷⁾	7.46		
16	12		3.49 ⁽⁷⁾	7.15	10.37	16.84	0.75 ⁽⁶⁾	1.80 ⁽⁶⁾	3.56 ⁽⁷⁾	4.83	7.46		
	16		2.73 ⁽⁶⁾	6.39 ⁽⁶⁾	9.87 ⁽⁷⁾	16.84	0.26 ⁽³⁾	1.33 ⁽⁶⁾	3.16 ⁽⁶⁾	4.83 ⁽⁷⁾	7.46		
	24		1.33 ⁽³⁾	4.98 ⁽⁶⁾	8.18 ⁽⁶⁾	16.50 ⁽⁷⁾		0.44 ⁽³⁾	2.40 ⁽³⁾	4.14 ⁽⁶⁾	7.40 ⁽⁶⁾		

30 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)						800S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13	
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13	
	24	2.32	3.44	5.51	7.34	11.45	2.99	4.58	7.85	10.39	16.13	
9	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13	
	16	2.47	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13	
	24	2.05	3.44	5.51	7.34	11.45	2.69	4.58	7.85	10.39	16.13	
10	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13	
	16	2.27	3.44	5.51	7.34	11.45	2.93	4.58	7.85	10.39	16.13	
	24	1.75	3.16	5.51	7.34	11.45	2.34	4.37	7.85	10.39	16.13	
12	12	2.16	3.44	5.51	7.34	11.45	2.80	4.58	7.85	10.39	16.13	
	16	1.79	3.19	5.51	7.34	11.45	2.38	4.40	7.85	10.39	16.13	
	24	1.08 ⁽⁶⁾	2.52 ⁽⁷⁾	5.47	7.34	11.45	1.56 ⁽⁷⁾	3.58	7.85	10.39	16.13	
14	12	1.74 ⁽⁷⁾	3.13	5.51	7.34	11.45	2.28	4.25	7.71	10.25	16.12	
	16	1.25 ⁽⁶⁾	2.67 ⁽⁷⁾	5.51	7.34	11.45	1.73 ⁽⁶⁾	3.70	7.71	10.25	16.12	
	24	0.32 ⁽³⁾	1.78 ⁽⁶⁾	4.74 ⁽⁶⁾	7.28 ⁽⁷⁾	11.45	0.67 ⁽⁶⁾	2.63 ⁽⁶⁾	6.73 ⁽⁷⁾	10.25	16.12	
16	12	1.26 ⁽⁶⁾	2.66 ⁽⁶⁾	5.51	7.34	11.45	1.70 ⁽⁶⁾	3.59 ⁽⁷⁾	7.42	9.88	15.53	
	16	0.65 ⁽³⁾	2.07 ⁽⁶⁾	4.97 ⁽⁶⁾	7.34 ⁽⁷⁾	11.45	1.03 ⁽⁶⁾	2.90 ⁽⁶⁾	6.77 ⁽⁷⁾	9.88	15.53	
	24		0.97 ⁽³⁾	3.91 ⁽⁶⁾	6.43 ⁽⁶⁾	11.45 ⁽⁷⁾		1.62 ⁽³⁾	5.40 ⁽⁶⁾	8.89 ⁽⁶⁾	15.53	

30 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.96	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.94	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.93	8.18	11.55	19.61
	24		4.75	8.18	11.55	19.61
12	12		4.87	8.05	11.42	19.34
	16		4.73	8.05	11.42	19.34
	24		3.88	8.05	11.42	19.34
14	12		4.57	7.86	11.24	18.75
	16		4.00	7.86	11.24	18.75
	24		2.89 ⁽⁶⁾	7.02 ⁽⁷⁾	11.06	18.75
16	12		3.90	7.61	10.91	17.95
	16		3.18 ⁽⁶⁾	7.09 ⁽⁷⁾	10.91	17.95
	24		1.83 ⁽⁶⁾	5.72 ⁽⁶⁾	9.47 ⁽⁶⁾	17.95

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

35 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)						350S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12	1.30 ⁽⁶⁾	2.32 ⁽⁶⁾	4.08 ⁽⁷⁾	5.17	7.58	1.71 ⁽⁶⁾	2.90 ⁽⁷⁾	5.11	6.42	9.17	
	16	0.90 ⁽³⁾	1.92 ⁽⁶⁾	3.73 ⁽⁶⁾	5.17 ⁽⁷⁾	7.58	1.26 ⁽⁶⁾	2.42 ⁽⁶⁾	4.81 ⁽⁷⁾	6.42	9.17	
	24	0.16 ⁽²⁾	1.18 ⁽³⁾	2.99 ⁽³⁾	4.61 ⁽⁶⁾	7.58 ⁽⁶⁾	0.44 ⁽³⁾	1.53 ⁽³⁾	3.94 ⁽⁶⁾	5.98 ⁽⁶⁾	9.17 ⁽⁷⁾	
9	12	0.91 ⁽³⁾	1.87 ⁽⁶⁾	3.50 ⁽⁶⁾	4.83 ⁽⁷⁾	7.06	1.26 ⁽⁶⁾	2.35 ⁽⁶⁾	4.49 ⁽⁶⁾	5.97	8.50	
	16	0.46 ⁽²⁾	1.42 ⁽³⁾	3.05 ⁽⁶⁾	4.52 ⁽⁶⁾	7.06 ⁽⁷⁾	0.76 ⁽³⁾	1.80 ⁽³⁾	3.96 ⁽⁶⁾	5.80 ⁽⁶⁾	8.50	
	24		0.59 ⁽²⁾	2.23 ⁽³⁾	3.72 ⁽³⁾	6.43 ⁽⁶⁾		0.81 ⁽²⁾	3.00 ⁽³⁾	4.90 ⁽⁶⁾	8.17 ⁽⁶⁾	
10	12	0.55 ⁽²⁾	1.44 ⁽³⁾	2.87 ⁽⁶⁾	4.22 ⁽⁶⁾	6.48 ⁽⁷⁾	0.84 ⁽³⁾	1.81 ⁽³⁾	3.71 ⁽⁶⁾	5.38 ⁽⁶⁾	7.79	
	16	0.07 ⁽²⁾	0.94 ⁽²⁾	2.39 ⁽³⁾	3.74 ⁽³⁾	6.23 ⁽⁶⁾	0.30 ⁽²⁾	1.21 ⁽³⁾	3.14 ⁽³⁾	4.84 ⁽⁶⁾	7.79 ⁽⁶⁾	
	24		0.05 ⁽²⁾	1.52 ⁽²⁾	2.88 ⁽²⁾	5.26 ⁽³⁾		0.16 ⁽²⁾	2.13 ⁽²⁾	3.86 ⁽³⁾	6.77 ⁽⁶⁾	
12	12		0.66 ⁽²⁾	1.79 ⁽²⁾	2.86 ⁽³⁾	4.79 ⁽³⁾	0.11 ⁽²⁾	0.86 ⁽²⁾	2.34 ⁽³⁾	3.70 ⁽³⁾	6.04 ⁽⁶⁾	
	16		0.13 ⁽²⁾	1.28 ⁽²⁾	2.36 ⁽²⁾	4.22 ⁽³⁾		0.23 ⁽²⁾	1.76 ⁽²⁾	3.13 ⁽²⁾	5.42 ⁽³⁾	
	24			0.41 ⁽¹⁾	1.47 ⁽²⁾	3.22 ⁽²⁾			0.75 ⁽²⁾	2.13 ⁽²⁾	4.32 ⁽²⁾	
14	12		0.07 ⁽¹⁾	0.99 ⁽²⁾	1.84 ⁽²⁾	3.29 ⁽²⁾		0.15 ⁽²⁾	1.36 ⁽²⁾	2.44 ⁽²⁾	4.24 ⁽³⁾	
	16			0.51 ⁽¹⁾	1.35 ⁽²⁾	2.74 ⁽²⁾			0.80 ⁽¹⁾	1.89 ⁽²⁾	3.63 ⁽²⁾	
	24				0.51 ⁽¹⁾	1.77 ⁽¹⁾				0.94 ⁽¹⁾	2.57 ⁽²⁾	
16	12			0.44 ⁽¹⁾	1.12 ⁽¹⁾	2.22 ⁽²⁾			0.68 ⁽¹⁾	1.55 ⁽²⁾	2.94 ⁽²⁾	
	16				0.66 ⁽¹⁾	1.70 ⁽¹⁾			0.16 ⁽¹⁾	1.03 ⁽¹⁾	2.37 ⁽²⁾	
	24					0.80 ⁽¹⁾				0.15 ⁽¹⁾	1.38 ⁽¹⁾	

35 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.37	5.79	7.47	10.57	1.00 ⁽⁶⁾	1.87 ⁽⁶⁾	3.42 ⁽⁷⁾	4.45
	16		2.86 ⁽⁶⁾	5.61	7.47	10.57	0.64 ⁽³⁾	1.51 ⁽⁶⁾	3.18 ⁽⁶⁾	4.45 ⁽⁷⁾
	24		1.92 ⁽⁶⁾	4.69 ⁽⁶⁾	6.74 ⁽⁷⁾	10.57		0.84 ⁽³⁾	2.56 ⁽³⁾	3.86 ⁽⁶⁾
9	12		2.80 ⁽⁶⁾	5.32 ⁽⁷⁾	6.95	9.81	0.67 ⁽³⁾	1.50 ⁽⁶⁾	3.04 ⁽⁶⁾	4.21 ⁽⁶⁾
	16		2.21 ⁽⁶⁾	4.75 ⁽⁶⁾	6.57 ⁽⁷⁾	9.81	0.27 ⁽²⁾	1.08 ⁽³⁾	2.66 ⁽³⁾	3.87 ⁽⁶⁾
	24		1.13 ⁽³⁾	3.70 ⁽³⁾	5.45 ⁽⁶⁾	9.73 ⁽⁶⁾		0.32 ⁽²⁾	1.96 ⁽²⁾	3.13 ⁽³⁾
10	12		2.25 ⁽⁶⁾	4.48 ⁽⁶⁾	6.11 ⁽⁷⁾	9.01	0.36 ⁽²⁾	1.13 ⁽³⁾	2.54 ⁽³⁾	3.66 ⁽⁶⁾
	16		1.59 ⁽³⁾	3.85 ⁽⁶⁾	5.44 ⁽⁶⁾	9.01 ⁽⁷⁾		0.66 ⁽²⁾	2.12 ⁽³⁾	3.22 ⁽³⁾
	24		0.41 ⁽²⁾	2.72 ⁽³⁾	4.24 ⁽³⁾	8.16 ⁽⁶⁾			1.36 ⁽²⁾	2.41 ⁽²⁾
12	12		1.16 ⁽²⁾	2.90 ⁽³⁾	4.15 ⁽³⁾	7.25 ⁽⁶⁾		0.44 ⁽²⁾	1.63 ⁽²⁾	2.51 ⁽³⁾
	16		0.45 ⁽²⁾	2.25 ⁽²⁾	3.45 ⁽³⁾	6.57 ⁽⁶⁾			1.18 ⁽²⁾	2.02 ⁽²⁾
	24			1.11 ⁽²⁾	2.22 ⁽²⁾	5.36 ⁽³⁾			0.39 ⁽¹⁾	1.18 ⁽²⁾
14	12		0.33 ⁽²⁾	1.74 ⁽²⁾	2.69 ⁽²⁾	5.18 ⁽³⁾			0.92 ⁽²⁾	1.59 ⁽²⁾
	16			1.11 ⁽²⁾	2.01 ⁽²⁾	4.50 ⁽²⁾			0.48 ⁽¹⁾	1.12 ⁽¹⁾
	24			0.04 ⁽¹⁾	0.84 ⁽¹⁾	3.32 ⁽²⁾				0.31 ⁽¹⁾
16	12			0.93 ⁽²⁾	1.66 ⁽²⁾	3.66 ⁽²⁾			0.42 ⁽¹⁾	0.93 ⁽¹⁾
	16			0.35 ⁽¹⁾	1.02 ⁽¹⁾	3.02 ⁽²⁾				0.49 ⁽¹⁾
	24					1.91 ⁽¹⁾				

35 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)						362S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	1.40 ⁽⁶⁾	2.46 ⁽⁷⁾	4.27	5.48	8.00	1.82 ⁽⁶⁾	3.06	5.34	6.80	9.68		
	16	1.00 ⁽⁶⁾	2.06 ⁽⁶⁾	3.99 ⁽⁶⁾	5.48 ⁽⁷⁾	8.00	1.38 ⁽⁶⁾	2.59 ⁽⁶⁾	5.12 ⁽⁷⁾	6.80	9.68		
	24	0.27 ⁽³⁾	1.32 ⁽³⁾	3.25 ⁽⁶⁾	4.99 ⁽⁶⁾	8.00 ⁽⁷⁾	0.57 ⁽³⁾	1.71 ⁽⁶⁾	4.26 ⁽⁶⁾	6.45 ⁽⁶⁾	9.68		
9	12	1.01 ⁽³⁾	2.02 ⁽⁶⁾	3.78 ⁽⁶⁾	5.15 ⁽⁷⁾	7.50	1.38 ⁽⁶⁾	2.52 ⁽⁶⁾	4.82 ⁽⁷⁾	6.36	9.04		
	16	0.56 ⁽³⁾	1.56 ⁽³⁾	3.32 ⁽⁶⁾	4.91 ⁽⁶⁾	7.50 ⁽⁷⁾	0.88 ⁽³⁾	1.97 ⁽⁶⁾	4.28 ⁽⁶⁾	6.28 ⁽⁶⁾	9.04		
	24		0.72 ⁽²⁾	2.48 ⁽³⁾	4.09 ⁽³⁾	6.98 ⁽⁶⁾		0.98 ⁽³⁾	3.31 ⁽³⁾	5.35 ⁽⁶⁾	8.84 ⁽⁶⁾		
10	12	0.64 ⁽³⁾	1.58 ⁽³⁾	3.17 ⁽⁶⁾	4.60 ⁽⁶⁾	6.93 ⁽⁷⁾	0.95 ⁽³⁾	1.98 ⁽⁶⁾	4.05 ⁽⁶⁾	5.85 ⁽⁶⁾	8.33		
	16	0.16 ⁽²⁾	1.07 ⁽²⁾	2.66 ⁽³⁾	4.11 ⁽⁶⁾	6.78 ⁽⁶⁾	0.41 ⁽²⁾	1.38 ⁽³⁾	3.46 ⁽³⁾	5.29 ⁽⁶⁾	8.33 ⁽⁶⁾		
	24		0.17 ⁽²⁾	1.76 ⁽²⁾	3.22 ⁽³⁾	5.78 ⁽³⁾		0.31 ⁽²⁾	2.41 ⁽²⁾	4.28 ⁽³⁾	7.41 ⁽⁶⁾		
12	12		0.78 ⁽²⁾	2.01 ⁽²⁾	3.18 ⁽³⁾	5.28 ⁽⁶⁾	0.21 ⁽²⁾	1.01 ⁽²⁾	2.63 ⁽³⁾	4.09 ⁽³⁾	6.64 ⁽⁶⁾		
	16		0.23 ⁽²⁾	1.49 ⁽²⁾	2.65 ⁽²⁾	4.69 ⁽³⁾		0.36 ⁽²⁾	2.02 ⁽²⁾	3.50 ⁽³⁾	5.99 ⁽³⁾		
	24			0.57 ⁽¹⁾	1.72 ⁽²⁾	3.63 ⁽²⁾			0.95 ⁽²⁾	2.45 ⁽²⁾	4.83 ⁽²⁾		
14	12		0.15 ⁽¹⁾	1.15 ⁽²⁾	2.08 ⁽²⁾	3.67 ⁽³⁾		0.26 ⁽²⁾	1.56 ⁽²⁾	2.73 ⁽²⁾	4.70 ⁽³⁾		
	16			0.64 ⁽¹⁾	1.56 ⁽²⁾	3.08 ⁽²⁾			0.97 ⁽²⁾	2.15 ⁽²⁾	4.06 ⁽²⁾		
	24				0.67 ⁽¹⁾	2.06 ⁽²⁾				1.15 ⁽¹⁾	2.94 ⁽²⁾		
16	12			0.55 ⁽¹⁾	1.29 ⁽¹⁾	2.50 ⁽²⁾			0.82 ⁽¹⁾	1.76 ⁽²⁾	3.29 ⁽²⁾		
	16			0.07 ⁽¹⁾	0.80 ⁽¹⁾	1.95 ⁽²⁾			0.27 ⁽¹⁾	1.22 ⁽¹⁾	2.68 ⁽²⁾		
	24					1.00 ⁽¹⁾				0.28 ⁽¹⁾	1.63 ⁽¹⁾		

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

35 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.54	6.00	7.91	11.17	1.23 ⁽⁶⁾	2.18 ⁽⁷⁾	3.77	5.10
	16		3.04 ⁽⁷⁾	5.92	7.91	11.17	0.89 ⁽⁶⁾	1.84 ⁽⁶⁾	3.71 ⁽⁷⁾	5.10
	24		2.10 ⁽⁶⁾	5.01 ⁽⁶⁾	7.28 ⁽⁷⁾	11.17	0.24 ⁽³⁾	1.18 ⁽³⁾	3.11 ⁽⁶⁾	4.74 ⁽⁶⁾
9	12		2.98 ⁽⁷⁾	5.65	7.40	10.43	0.92 ⁽⁶⁾	1.83 ⁽⁶⁾	3.60 ⁽⁶⁾	4.93
	16		2.39 ⁽⁶⁾	5.07 ⁽⁶⁾	7.12 ⁽⁷⁾	10.43	0.51 ⁽³⁾	1.42 ⁽³⁾	3.22 ⁽⁶⁾	4.79 ⁽⁶⁾
	24		1.31 ⁽³⁾	4.01 ⁽⁶⁾	5.96 ⁽⁶⁾	10.43 ⁽⁷⁾		0.66 ⁽²⁾	2.51 ⁽³⁾	4.02 ⁽⁶⁾
10	12		2.42 ⁽⁶⁾	4.87 ⁽⁶⁾	6.64 ⁽⁷⁾	9.64	0.60 ⁽³⁾	1.46 ⁽³⁾	3.14 ⁽⁶⁾	4.61 ⁽⁶⁾
	16		1.76 ⁽³⁾	4.22 ⁽⁶⁾	5.95 ⁽⁶⁾	9.64 ⁽⁷⁾	0.15 ⁽²⁾	1.00 ⁽³⁾	2.70 ⁽³⁾	4.13 ⁽⁶⁾
	24		0.58 ⁽²⁾	3.06 ⁽³⁾	4.71 ⁽³⁾	8.90 ⁽⁶⁾		0.15 ⁽²⁾	1.91 ⁽²⁾	3.26 ⁽³⁾
12	12		1.33 ⁽³⁾	3.24 ⁽³⁾	4.60 ⁽⁶⁾	7.95 ⁽⁶⁾	0.01 ⁽²⁾	0.75 ⁽²⁾	2.20 ⁽³⁾	3.35 ⁽³⁾
	16		0.60 ⁽²⁾	2.55 ⁽²⁾	3.86 ⁽³⁾	7.24 ⁽⁶⁾		0.22 ⁽²⁾	1.70 ⁽²⁾	2.81 ⁽²⁾
	24			1.36 ⁽²⁾	2.57 ⁽²⁾	5.97 ⁽³⁾			0.82 ⁽²⁾	1.85 ⁽²⁾
14	12		0.45 ⁽²⁾	1.98 ⁽²⁾	3.03 ⁽³⁾	5.71 ⁽³⁾		0.15 ⁽²⁾	1.38 ⁽²⁾	2.25 ⁽²⁾
	16			1.32 ⁽²⁾	2.30 ⁽²⁾	5.01 ⁽³⁾			0.87 ⁽¹⁾	1.70 ⁽²⁾
	24			0.19 ⁽¹⁾	1.06 ⁽²⁾	3.76 ⁽²⁾				0.75 ⁽¹⁾
16	12			1.10 ⁽²⁾	1.90 ⁽²⁾	4.07 ⁽²⁾			0.75 ⁽¹⁾	1.42 ⁽²⁾
	16			0.48 ⁽¹⁾	1.22 ⁽²⁾	3.39 ⁽²⁾			0.26 ⁽¹⁾	0.89 ⁽¹⁾
	24				0.06 ⁽¹⁾	2.21 ⁽¹⁾				

35 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)					400S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.68 ⁽⁷⁾	2.83	4.73	6.27	9.21	2.14 ⁽⁷⁾	3.52	5.92	7.74	11.17
	16	1.30 ⁽⁶⁾	2.45 ⁽⁶⁾	4.68	6.27	9.21	1.71 ⁽⁶⁾	3.07 ⁽⁷⁾	5.92	7.74	11.17
	24	0.58 ⁽³⁾	1.74 ⁽⁶⁾	3.95 ⁽⁶⁾	6.06 ⁽⁶⁾	9.21	0.93 ⁽³⁾	2.21 ⁽⁶⁾	5.13 ⁽⁶⁾	7.74 ⁽⁷⁾	11.17
9	12	1.31 ⁽⁶⁾	2.42 ⁽⁶⁾	4.50 ⁽⁷⁾	6.01	8.77	1.72 ⁽⁶⁾	3.00 ⁽⁷⁾	5.65	7.38	10.59
	16	0.86 ⁽³⁾	1.97 ⁽⁶⁾	4.04 ⁽⁶⁾	6.01 ⁽⁷⁾	8.77	1.22 ⁽⁶⁾	2.46 ⁽⁶⁾	5.18 ⁽⁶⁾	7.38	10.59
	24	0.04 ⁽²⁾	1.13 ⁽³⁾	3.18 ⁽³⁾	5.17 ⁽⁶⁾	8.63 ⁽⁶⁾	0.32 ⁽³⁾	1.47 ⁽³⁾	4.18 ⁽⁶⁾	6.66 ⁽⁶⁾	10.59 ⁽⁷⁾
10	12	0.93 ⁽³⁾	1.99 ⁽⁶⁾	3.90 ⁽⁶⁾	5.71 ⁽⁷⁾	8.26	1.29 ⁽⁶⁾	2.47 ⁽⁶⁾	4.95 ⁽⁶⁾	6.97 ⁽⁷⁾	9.93
	16	0.43 ⁽²⁾	1.47 ⁽³⁾	3.37 ⁽⁶⁾	5.24 ⁽⁶⁾	8.26 ⁽⁷⁾	0.74 ⁽³⁾	1.86 ⁽³⁾	4.34 ⁽⁶⁾	6.64 ⁽⁶⁾	9.93
	24		0.55 ⁽²⁾	2.42 ⁽³⁾	4.26 ⁽³⁾	7.39 ⁽⁶⁾		0.76 ⁽²⁾	3.24 ⁽³⁾	5.55 ⁽³⁾	9.36 ⁽⁶⁾
12	12	0.25 ⁽²⁾	1.15 ⁽²⁾	2.70 ⁽³⁾	4.23 ⁽³⁾	6.88 ⁽⁶⁾	0.50 ⁽²⁾	1.45 ⁽³⁾	3.47 ⁽³⁾	5.38 ⁽⁶⁾	8.47 ⁽⁶⁾
	16		0.57 ⁽²⁾	2.11 ⁽²⁾	3.63 ⁽³⁾	6.21 ⁽⁶⁾		0.76 ⁽²⁾	2.79 ⁽³⁾	4.70 ⁽³⁾	7.84 ⁽⁶⁾
	24			1.08 ⁽²⁾	2.56 ⁽²⁾	5.00 ⁽³⁾			1.60 ⁽²⁾	3.50 ⁽²⁾	6.53 ⁽³⁾
14	12		0.44 ⁽²⁾	1.69 ⁽²⁾	2.88 ⁽²⁾	4.93 ⁽³⁾		0.60 ⁽²⁾	2.22 ⁽²⁾	3.73 ⁽³⁾	6.24 ⁽⁶⁾
	16			1.10 ⁽²⁾	2.28 ⁽²⁾	4.25 ⁽²⁾			1.55 ⁽²⁾	3.05 ⁽²⁾	5.50 ⁽³⁾
	24			0.09 ⁽¹⁾	1.24 ⁽¹⁾	3.06 ⁽²⁾			0.39 ⁽¹⁾	1.88 ⁽²⁾	4.19 ⁽²⁾
16	12			0.94 ⁽²⁾	1.88 ⁽²⁾	3.46 ⁽²⁾			1.30 ⁽²⁾	2.50 ⁽²⁾	4.47 ⁽³⁾
	16			0.37 ⁽¹⁾	1.31 ⁽¹⁾	2.81 ⁽²⁾			0.66 ⁽¹⁾	1.86 ⁽²⁾	3.75 ⁽²⁾
	24				0.33 ⁽¹⁾	1.69 ⁽¹⁾				0.75 ⁽¹⁾	2.52 ⁽²⁾

35 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)					550S162-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.99	6.39	8.85	12.91	2.46	3.50	5.75	7.60
	16		3.51	6.39	8.85	12.91	2.17	3.50	5.75	7.60
	24		2.61 ⁽⁶⁾	5.76 ⁽⁷⁾	8.63	12.91	1.59 ⁽⁷⁾	2.96	5.75	7.60
9	12		3.46	6.25	8.55	12.22	2.19	3.47	5.67	7.60
	16		2.90 ⁽⁶⁾	5.91 ⁽⁷⁾	8.55	12.22	1.82 ⁽⁷⁾	3.16	5.67	7.60
	24		1.84 ⁽⁶⁾	4.87 ⁽⁶⁾	7.44 ⁽⁶⁾	12.22	1.12 ⁽⁶⁾	2.47 ⁽⁶⁾	5.32 ⁽⁷⁾	7.60
10	12		2.91 ⁽⁶⁾	5.76 ⁽⁷⁾	8.09	11.47	1.88 ⁽⁷⁾	3.20	5.58	7.48
	16		2.26 ⁽⁶⁾	5.11 ⁽⁶⁾	7.49 ⁽⁷⁾	11.47	1.45 ⁽⁶⁾	2.77 ⁽⁷⁾	5.55	7.48
	24		1.08 ⁽³⁾	3.93 ⁽³⁾	6.14 ⁽⁶⁾	11.15 ⁽⁶⁾	0.63 ⁽³⁾	1.95 ⁽⁶⁾	4.68 ⁽⁶⁾	7.27 ⁽⁷⁾
12	12		1.84 ⁽³⁾	4.23 ⁽⁶⁾	6.06 ⁽⁶⁾	9.83 ⁽⁷⁾	1.23 ⁽⁶⁾	2.48 ⁽⁶⁾	5.03 ⁽⁷⁾	7.13
	16		1.07 ⁽²⁾	3.47 ⁽³⁾	5.22 ⁽⁶⁾	9.38 ⁽⁶⁾	0.67 ⁽³⁾	1.91 ⁽⁶⁾	4.42 ⁽⁶⁾	6.85 ⁽⁶⁾
	24			2.14 ⁽²⁾	3.74 ⁽³⁾	7.94 ⁽³⁾		0.86 ⁽³⁾	3.30 ⁽³⁾	5.70 ⁽⁶⁾
14	12		0.86 ⁽²⁾	2.77 ⁽³⁾	4.14 ⁽³⁾	7.52 ⁽⁶⁾	0.57 ⁽²⁾	1.72 ⁽³⁾	3.94 ⁽⁶⁾	6.15 ⁽⁶⁾
	16		0.07 ⁽²⁾	2.01 ⁽²⁾	3.31 ⁽²⁾	6.69 ⁽³⁾		1.04 ⁽²⁾	3.23 ⁽³⁾	5.41 ⁽³⁾
	24			0.71 ⁽²⁾	1.86 ⁽²⁾	5.25 ⁽²⁾			1.94 ⁽²⁾	4.06 ⁽²⁾
16	12		0.11 ⁽²⁾	1.69 ⁽²⁾	2.72 ⁽²⁾	5.45 ⁽³⁾		0.99 ⁽²⁾	2.88 ⁽³⁾	4.80 ⁽³⁾
	16			0.97 ⁽²⁾	1.93 ⁽²⁾	4.66 ⁽²⁾		0.26 ⁽²⁾	2.11 ⁽²⁾	3.99 ⁽²⁾
	24				0.58 ⁽¹⁾	3.28 ⁽²⁾			0.78 ⁽²⁾	2.57 ⁽²⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

35 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)					550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.97	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	16	2.67	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	24	2.05	3.71	7.31	9.67	15.00		4.10	7.53	10.75	17.47
9	12	2.68	4.29	7.18	9.50	14.72		4.61	7.41	10.56	17.10
	16	2.29	3.94	7.18	9.50	14.72		4.34	7.41	10.56	17.10
	24	1.54 ⁽⁶⁾	3.10 ⁽⁷⁾	6.91	9.50	14.72		3.49	7.34	10.56	17.10
10	12	2.35	3.96	7.01	9.28	14.38		4.38	7.27	10.34	16.66
	16	1.88 ⁽⁶⁾	3.44	7.01	9.28	14.38		3.85	7.27	10.34	16.66
	24	0.99 ⁽⁶⁾	2.45 ⁽⁶⁾	6.10 ⁽⁷⁾	9.28	14.38		2.84 ⁽⁶⁾	6.57 ⁽⁷⁾	10.11	16.66
12	12	1.62 ⁽⁶⁾	3.06 ⁽⁶⁾	6.38 ⁽⁷⁾	8.74	13.51		3.48 ⁽⁷⁾	6.81	9.81	15.58
	16	1.02 ⁽³⁾	2.38 ⁽⁶⁾	5.67 ⁽⁶⁾	8.64 ⁽⁷⁾	13.51		2.77 ⁽⁶⁾	6.12 ⁽⁷⁾	9.46	15.58
	24		1.13 ⁽³⁾	4.36 ⁽³⁾	7.34 ⁽⁶⁾	13.15 ⁽⁷⁾		1.46 ⁽³⁾	4.83 ⁽⁶⁾	7.91 ⁽⁶⁾	15.51 ⁽⁷⁾
14	12	0.89 ⁽³⁾	2.12 ⁽³⁾	5.00 ⁽⁶⁾	7.68 ⁽⁶⁾	12.41		2.51 ⁽⁶⁾	5.64 ⁽⁶⁾	8.55 ⁽⁷⁾	14.28
	16	0.19 ⁽²⁾	1.33 ⁽³⁾	4.18 ⁽³⁾	6.85 ⁽⁶⁾	12.08 ⁽⁶⁾		1.67 ⁽³⁾	4.79 ⁽⁶⁾	7.53 ⁽⁶⁾	14.21 ⁽⁷⁾
	24			2.70 ⁽²⁾	5.35 ⁽³⁾	10.31 ⁽⁶⁾		0.15 ⁽²⁾	3.25 ⁽³⁾	5.70 ⁽³⁾	12.27 ⁽⁶⁾
16	12	0.22 ⁽²⁾	1.24 ⁽²⁾	3.69 ⁽³⁾	6.04 ⁽⁶⁾	10.61 ⁽⁶⁾		1.58 ⁽³⁾	4.41 ⁽³⁾	6.73 ⁽⁶⁾	12.50 ⁽⁶⁾
	16		0.39 ⁽²⁾	2.82 ⁽²⁾	5.14 ⁽³⁾	9.54 ⁽⁶⁾		0.65 ⁽²⁾	3.45 ⁽³⁾	5.61 ⁽³⁾	11.32 ⁽⁶⁾
	24			1.29 ⁽²⁾	3.55 ⁽²⁾	7.64 ⁽³⁾			1.77 ⁽²⁾	3.67 ⁽²⁾	9.23 ⁽³⁾

35 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)						600S162-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97		33	43	54	68	97	
8	12	1.85	2.61	3.90	5.17	7.82		2.56	3.52	5.72	7.57	11.63	
	16	1.63	2.61	3.90	5.17	7.82		2.33	3.52	5.72	7.57	11.63	
	24	1.21 ⁽⁷⁾	2.24	3.90	5.17	7.82		1.82	3.18	5.72	7.57	11.63	
9	12	1.67	2.61	3.90	5.17	7.82		2.37	3.52	5.72	7.57	11.63	
	16	1.39	2.41	3.90	5.17	7.82		2.04	3.39	5.72	7.57	11.63	
	24	0.87 ⁽⁶⁾	1.90 ⁽⁷⁾	3.87	5.17	7.82		1.39 ⁽⁶⁾	2.77 ⁽⁷⁾	5.66	7.57	11.63	
10	12	1.46 ⁽⁷⁾	2.47	3.90	5.17	7.82		2.11	3.46	5.72	7.57	11.63	
	16	1.13 ⁽⁶⁾	2.15 ⁽⁷⁾	3.90	5.17	7.82		1.71 ⁽⁷⁾	3.06	5.72	7.57	11.63	
	24	0.50 ⁽³⁾	1.53 ⁽⁶⁾	3.54 ⁽⁶⁾	5.17 ⁽⁷⁾	7.82		0.94 ⁽⁶⁾	2.31 ⁽⁶⁾	5.16 ⁽⁷⁾	7.57	11.63	
12	12	1.00 ⁽⁶⁾	2.00 ⁽⁶⁾	3.90 ⁽⁷⁾	5.17	7.82		1.51 ⁽⁶⁾	2.82 ⁽⁶⁾	5.59	7.52	11.63	
	16	0.55 ⁽³⁾	1.56 ⁽⁶⁾	3.53 ⁽⁶⁾	5.15 ⁽⁷⁾	7.82		0.97 ⁽³⁾	2.29 ⁽⁶⁾	5.02 ⁽⁶⁾	7.52 ⁽⁷⁾	11.63	
	24		0.71 ⁽³⁾	2.78 ⁽³⁾	4.36 ⁽⁶⁾	7.66 ⁽⁶⁾			1.28 ⁽³⁾	3.95 ⁽⁶⁾	6.53 ⁽⁶⁾	11.54 ⁽⁷⁾	
14	12	0.50 ⁽³⁾	1.47 ⁽³⁾	3.41 ⁽⁶⁾	5.00 ⁽⁶⁾	7.82 ⁽⁷⁾		0.87 ⁽³⁾	2.10 ⁽⁶⁾	4.59 ⁽⁶⁾	7.01 ⁽⁶⁾	11.33	
	16		0.90 ⁽³⁾	2.89 ⁽³⁾	4.44 ⁽⁶⁾	7.70 ⁽⁶⁾		0.23 ⁽²⁾	1.45 ⁽³⁾	3.89 ⁽³⁾	6.29 ⁽⁶⁾	11.23 ⁽⁷⁾	
	24			1.92 ⁽²⁾	3.41 ⁽³⁾	6.52 ⁽³⁾			0.25 ⁽²⁾	2.61 ⁽²⁾	4.97 ⁽³⁾	9.62 ⁽⁶⁾	
16	12		0.90 ⁽²⁾	2.82 ⁽³⁾	4.33 ⁽³⁾	7.51 ⁽⁶⁾		0.26 ⁽²⁾	1.37 ⁽³⁾	3.55 ⁽³⁾	5.72 ⁽⁶⁾	10.16 ⁽⁶⁾	
	16		0.24 ⁽²⁾	2.19 ⁽²⁾	3.64 ⁽³⁾	6.71 ⁽³⁾			0.64 ⁽²⁾	2.76 ⁽²⁾	4.90 ⁽³⁾	9.15 ⁽⁶⁾	
	24			1.05 ⁽²⁾	2.40 ⁽²⁾	5.26 ⁽²⁾				1.37 ⁽²⁾	3.43 ⁽²⁾	7.36 ⁽³⁾	

35 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)					600S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	16	2.87	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	24	2.30	4.05	7.56	10.03	15.61		4.44	7.76	11.06	18.26
9	12	2.89	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
	16	2.53	4.27	7.46	9.89	15.40		4.66	7.66	10.96	17.96
	24	1.83 ⁽⁷⁾	3.50	7.46	9.89	15.40		3.89	7.66	10.96	17.96
10	12	2.59	4.30	7.34	9.72	15.14		4.67	7.55	10.79	17.60
	16	2.15 ⁽⁷⁾	3.82	7.34	9.72	15.14		4.22	7.55	10.79	17.60
	24	1.32 ⁽⁶⁾	2.90 ⁽⁷⁾	6.81	9.72	15.14		3.28 ⁽⁷⁾	7.23	10.79	17.60
12	12	1.91 ⁽⁶⁾	3.48 ⁽⁷⁾	7.00	9.28	14.44		3.89	7.26	10.34	16.69
	16	1.34 ⁽⁶⁾	2.84 ⁽⁶⁾	6.44 ⁽⁷⁾	9.28	14.44		3.23 ⁽⁶⁾	6.91	10.34	16.69
	24	0.26 ⁽³⁾	1.63 ⁽³⁾	5.18 ⁽⁶⁾	8.39 ⁽⁶⁾	14.44		1.98 ⁽⁶⁾	5.67 ⁽⁶⁾	9.02 ⁽⁷⁾	16.69
14	12	1.20 ⁽³⁾	2.59 ⁽⁶⁾	5.82 ⁽⁶⁾	8.69 ⁽⁷⁾	13.51	2.98 ⁽⁶⁾	6.30 ⁽⁷⁾	9.63	15.55	
	16	0.51 ⁽³⁾	1.81 ⁽³⁾	5.00 ⁽⁶⁾	7.94 ⁽⁶⁾	13.51 ⁽⁷⁾	2.16 ⁽⁶⁾	5.49 ⁽⁶⁾	8.65 ⁽⁶⁾	15.55	
	24		0.39 ⁽²⁾	3.52 ⁽³⁾	6.45 ⁽³⁾	12.09 ⁽⁶⁾	0.67 ⁽³⁾	4.00 ⁽³⁾	6.86 ⁽⁶⁾	14.30 ⁽⁶⁾	
16	12	0.51 ⁽²⁾	1.70 ⁽³⁾	4.51 ⁽⁶⁾	7.15 ⁽⁶⁾	12.39 ⁽⁷⁾	2.06 ⁽³⁾	5.16 ⁽⁶⁾	7.94 ⁽⁶⁾	14.25	
	16		0.83 ⁽²⁾	3.61 ⁽³⁾	6.23 ⁽³⁾	11.35 ⁽⁶⁾	1.13 ⁽³⁾	4.21 ⁽³⁾	6.81 ⁽⁶⁾	13.37 ⁽⁶⁾	
	24			2.01 ⁽²⁾	4.58 ⁽²⁾	9.40 ⁽³⁾		2.52 ⁽²⁾	4.81 ⁽³⁾	11.23 ⁽⁶⁾	

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

35 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.52	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	16	2.49	3.48	5.60	7.44	11.56	3.11	4.60	7.90	10.45	16.16		
	24	2.06	3.48	5.60	7.44	11.56	2.68	4.60	7.90	10.45	16.16		
9	12	2.52	3.48	5.60	7.44	11.56	3.10	4.59	7.90	10.45	16.16		
	16	2.25	3.48	5.60	7.44	11.56	2.88	4.59	7.90	10.45	16.16		
	24	1.72	3.20	5.60	7.44	11.56	2.27	4.24	7.90	10.45	16.16		
10	12	2.32	3.48	5.60	7.44	11.56	2.95	4.57	7.85	10.43	16.16		
	16	1.99	3.44	5.60	7.44	11.56	2.57	4.52	7.85	10.43	16.16		
	24	1.34 ⁽⁷⁾	2.86	5.60	7.44	11.56	1.83	3.77	7.85	10.43	16.16		
12	12	1.85	3.31	5.60	7.44	11.56	2.38	4.28	7.66	10.18	15.96		
	16	1.38 ⁽⁶⁾	2.88 ⁽⁷⁾	5.60	7.44	11.56	1.86 ⁽⁷⁾	3.74	7.66	10.18	15.96		
	24	0.49 ⁽⁶⁾	2.07 ⁽⁶⁾	4.86 ⁽⁶⁾	7.43	11.56	0.85 ⁽⁶⁾	2.70 ⁽⁶⁾	6.83 ⁽⁷⁾	10.18	15.96		
14	12	1.31 ⁽⁶⁾	2.80 ⁽⁶⁾	5.57	7.44	11.56	1.74 ⁽⁶⁾	3.54 ⁽⁷⁾	7.39	9.82	15.40		
	16	0.71 ⁽³⁾	2.24 ⁽⁶⁾	4.99 ⁽⁶⁾	7.44 ⁽⁷⁾	11.56	1.08 ⁽⁶⁾	2.85 ⁽⁶⁾	6.73 ⁽⁷⁾	9.82	15.40		
	24		1.19 ⁽³⁾	3.88 ⁽⁶⁾	6.44 ⁽⁶⁾	11.49 ⁽⁷⁾		1.54 ⁽³⁾	5.35 ⁽⁶⁾	8.77 ⁽⁶⁾	15.40		
16	12	0.73 ⁽³⁾	2.23 ⁽⁶⁾	4.91 ⁽⁶⁾	7.42 ⁽⁷⁾	11.56	1.07 ⁽³⁾	2.74 ⁽⁶⁾	6.31 ⁽⁶⁾	9.33 ⁽⁷⁾	14.62		
	16	0.01 ⁽²⁾	1.54 ⁽³⁾	4.17 ⁽⁶⁾	6.68 ⁽⁶⁾	11.56 ⁽⁷⁾	0.29 ⁽³⁾	1.91 ⁽³⁾	5.43 ⁽⁶⁾	8.62 ⁽⁶⁾	14.62		
	24		0.27 ⁽²⁾	2.81 ⁽³⁾	5.31 ⁽³⁾	10.10 ⁽⁶⁾		0.39 ⁽²⁾	3.83 ⁽³⁾	7.01 ⁽³⁾	13.28 ⁽⁶⁾		

35 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)						800S137-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46		
	16		4.90	8.12	11.47	19.42	1.76	2.50	3.62	4.83	7.46		
	24		4.90	8.12	11.47	19.42	1.45	2.48	3.62	4.83	7.46		
9	12		4.88	8.07	11.42	19.31	1.79	2.50	3.62	4.83	7.46		
	16		4.88	8.07	11.42	19.31	1.59	2.50	3.62	4.83	7.46		
	24		4.62	8.07	11.42	19.31	1.20	2.25	3.62	4.83	7.46		
10	12		4.86	8.01	11.36	19.18	1.64	2.50	3.62	4.83	7.46		
	16		4.86	8.01	11.36	19.18	1.40	2.43	3.62	4.83	7.46		
	24		4.14	8.01	11.36	19.18	0.93 ⁽⁷⁾	1.99	3.62	4.83	7.46		
12	12		4.66	7.83	11.18	18.61	1.31	2.34	3.62	4.83	7.46		
	16		4.11	7.83	11.18	18.61	0.97 ⁽⁷⁾	2.03	3.62	4.83	7.46		
	24		3.06 ⁽⁷⁾	7.21	11.12	18.61	0.31 ⁽⁶⁾	1.40 ⁽⁶⁾	3.26 ⁽⁷⁾	4.83	7.46		
14	12		3.92	7.58	10.87	17.82	0.93 ⁽⁶⁾	1.98 ⁽⁷⁾	3.62	4.83	7.46		
	16		3.21 ⁽⁶⁾	7.13 ⁽⁷⁾	10.87	17.82	0.48 ⁽⁶⁾	1.55 ⁽⁶⁾	3.37 ⁽⁷⁾	4.83	7.46		
	24		1.87 ⁽⁶⁾	5.80 ⁽⁶⁾	9.35 ⁽⁷⁾	17.82		0.74 ⁽³⁾	2.68 ⁽⁶⁾	4.43 ⁽⁶⁾	7.46 ⁽⁷⁾		
16	12		3.11 ⁽⁶⁾	6.77 ⁽⁷⁾	10.32	16.84	0.50 ⁽³⁾	1.56 ⁽⁶⁾	3.36 ⁽⁶⁾	4.83 ⁽⁷⁾	7.46		
	16		2.25 ⁽⁶⁾	5.91 ⁽⁶⁾	9.29 ⁽⁷⁾	16.84		1.03 ⁽³⁾	2.90 ⁽⁶⁾	4.62 ⁽⁶⁾	7.46		
	24		0.67 ⁽³⁾	4.31 ⁽³⁾	7.38 ⁽⁶⁾	15.64 ⁽⁶⁾		0.02 ⁽²⁾	2.03 ⁽³⁾	3.78 ⁽³⁾	7.00 ⁽⁶⁾		

35 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)						800S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	24	2.16	3.44	5.51	7.34	11.45	2.81	4.58	7.85	10.39	16.13		
9	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.33	3.44	5.51	7.34	11.45	3.00	4.58	7.85	10.39	16.13		
	24	1.85	3.25	5.51	7.34	11.45	2.45	4.49	7.85	10.39	16.13		
10	12	2.40	3.44	5.51	7.34	11.45	3.07	4.58	7.85	10.39	16.13		
	16	2.09	3.44	5.51	7.34	11.45	2.73	4.58	7.85	10.39	16.13		
	24	1.50	2.93	5.51	7.34	11.45	2.05	4.09	7.85	10.39	16.13		
12	12	1.98	3.36	5.51	7.34	11.45	2.59	4.58	7.85	10.39	16.13		
	16	1.55 ⁽⁷⁾	2.97	5.51	7.34	11.45	2.10	4.12	7.85	10.39	16.13		
	24	0.73 ⁽⁶⁾	2.19 ⁽⁶⁾	5.17	7.34	11.45	1.16 ⁽⁶⁾	3.19 ⁽⁷⁾	7.46	10.39	16.13		
14	12	1.49 ⁽⁶⁾	2.89	5.51	7.34	11.45	2.00 ⁽⁷⁾	3.97	7.71	10.25	16.12		
	16	0.93 ⁽⁶⁾	2.37 ⁽⁶⁾	5.29 ⁽⁷⁾	7.34	11.45	1.37 ⁽⁶⁾	3.34 ⁽⁷⁾	7.47	10.25	16.12		
	24		1.35 ⁽⁶⁾	4.34 ⁽⁶⁾	6.89 ⁽⁶⁾	11.45	0.17 ⁽³⁾	2.12 ⁽⁶⁾	6.19 ⁽⁶⁾	9.83 ⁽⁷⁾	16.12		
16	12	0.95 ⁽⁶⁾	2.36 ⁽⁶⁾	5.25 ⁽⁷⁾	7.34	11.45	1.36 ⁽⁶⁾	3.24 ⁽⁶⁾	7.13	9.88	15.53		
	16	0.27 ⁽³⁾	1.70 ⁽⁶⁾	4.61 ⁽⁶⁾	7.13 ⁽⁶⁾	11.45	0.59 ⁽³⁾	2.46 ⁽⁶⁾	6.30 ⁽⁶⁾	9.76 ⁽⁷⁾	15.53		
	24		0.45 ⁽³⁾	3.40 ⁽³⁾	5.93 ⁽⁶⁾	10.90 ⁽⁶⁾		1.01 ⁽³⁾	4.75 ⁽⁶⁾	8.25 ⁽⁶⁾	15.15 ⁽⁷⁾		

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

35 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.96	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.88	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.93	8.18	11.55	19.61
	24		4.45	8.18	11.55	19.61
12	12		4.87	8.05	11.42	19.34
	16		4.44	8.05	11.42	19.34
	24		3.47	7.77	11.42	19.34
14	12		4.28	7.86	11.24	18.75
	16		3.62	7.74	11.24	18.75
	24		2.36 ⁽⁶⁾	6.48 ⁽⁷⁾	10.46	18.75
16	12		3.54 ⁽⁷⁾	7.44	10.91	17.95
	16		2.72 ⁽⁶⁾	6.62 ⁽⁷⁾	10.50	17.95
	24		1.19 ⁽³⁾	5.07 ⁽⁶⁾	8.72 ⁽⁶⁾	17.80 ⁽⁷⁾

40 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)					350S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.12 ⁽⁶⁾	2.15 ⁽⁶⁾	3.95 ⁽⁷⁾	5.17	7.58	1.51 ⁽⁶⁾	2.69 ⁽⁶⁾	5.07	6.42	9.17
	16	0.68 ⁽³⁾	1.70 ⁽⁶⁾	3.51 ⁽⁶⁾	5.10 ⁽⁶⁾	7.58	1.02 ⁽³⁾	2.15 ⁽⁶⁾	4.55 ⁽⁶⁾	6.42 ⁽⁷⁾	9.17
	24		0.88 ⁽³⁾	2.70 ⁽³⁾	4.32 ⁽⁶⁾	7.32 ⁽⁶⁾	0.12 ⁽²⁾	1.18 ⁽³⁾	3.60 ⁽⁶⁾	5.66 ⁽⁶⁾	9.17 ⁽⁷⁾
9	12	0.71 ⁽³⁾	1.67 ⁽³⁾	3.30 ⁽⁶⁾	4.77 ⁽⁶⁾	7.06	1.04 ⁽³⁾	2.11 ⁽⁶⁾	4.26 ⁽⁶⁾	5.97 ⁽⁷⁾	8.50
	16	0.22 ⁽²⁾	1.17 ⁽³⁾	2.80 ⁽³⁾	4.29 ⁽⁶⁾	7.06 ⁽⁶⁾	0.49 ⁽²⁾	1.50 ⁽³⁾	3.67 ⁽⁶⁾	5.53 ⁽⁶⁾	8.50 ⁽⁷⁾
	24		0.26 ⁽²⁾	1.90 ⁽²⁾	3.40 ⁽³⁾	6.07 ⁽⁶⁾		0.42 ⁽²⁾	2.62 ⁽³⁾	4.53 ⁽³⁾	7.78 ⁽⁶⁾
10	12	0.33 ⁽²⁾	1.22 ⁽³⁾	2.66 ⁽³⁾	4.01 ⁽⁶⁾	6.48 ⁽⁶⁾	0.60 ⁽²⁾	1.55 ⁽³⁾	3.46 ⁽⁶⁾	5.14 ⁽⁶⁾	7.79 ⁽⁷⁾
	16		0.67 ⁽²⁾	2.13 ⁽²⁾	3.48 ⁽³⁾	5.94 ⁽⁶⁾		0.90 ⁽²⁾	2.84 ⁽³⁾	4.55 ⁽³⁾	7.51 ⁽⁶⁾
	24			1.18 ⁽²⁾	2.54 ⁽²⁾	4.87 ⁽³⁾			1.73 ⁽²⁾	3.48 ⁽²⁾	6.35 ⁽³⁾
12	12		0.42 ⁽²⁾	1.56 ⁽²⁾	2.64 ⁽²⁾	4.54 ⁽³⁾		0.58 ⁽²⁾	2.09 ⁽²⁾	3.45 ⁽³⁾	5.76 ⁽⁶⁾
	16			1.02 ⁽²⁾	2.09 ⁽²⁾	3.92 ⁽²⁾			1.45 ⁽²⁾	2.83 ⁽²⁾	5.09 ⁽³⁾
	24			0.07 ⁽¹⁾	1.13 ⁽¹⁾	2.83 ⁽²⁾			0.36 ⁽¹⁾	1.75 ⁽²⁾	3.89 ⁽²⁾
14	12			0.78 ⁽¹⁾	1.63 ⁽²⁾	3.05 ⁽²⁾			1.11 ⁽²⁾	2.20 ⁽²⁾	3.97 ⁽²⁾
	16			0.26 ⁽¹⁾	1.10 ⁽¹⁾	2.45 ⁽²⁾			0.51 ⁽¹⁾	1.60 ⁽²⁾	3.31 ⁽²⁾
	24				0.18 ⁽¹⁾	1.40 ⁽¹⁾				0.58 ⁽¹⁾	2.17 ⁽¹⁾
16	12			0.24 ⁽¹⁾	0.91 ⁽¹⁾	1.99 ⁽²⁾			0.45 ⁽¹⁾	1.32 ⁽¹⁾	2.69 ⁽²⁾
	16				0.41 ⁽¹⁾	1.42 ⁽¹⁾				0.76 ⁽¹⁾	2.07 ⁽¹⁾
	24					0.46 ⁽¹⁾					1.00 ⁽¹⁾

40 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.15 ⁽⁷⁾	5.79	7.47	10.57	0.85 ⁽⁶⁾	1.72 ⁽⁶⁾	3.36 ⁽⁶⁾	4.45 ⁽⁷⁾
	16		2.58 ⁽⁶⁾	5.34 ⁽⁷⁾	7.44	10.57	0.45 ⁽³⁾	1.31 ⁽³⁾	3.00 ⁽⁶⁾	4.31 ⁽⁶⁾
	24		1.53 ⁽³⁾	4.31 ⁽⁶⁾	6.33 ⁽⁶⁾	10.57		0.57 ⁽²⁾	2.32 ⁽³⁾	3.60 ⁽³⁾
9	12		2.54 ⁽⁶⁾	5.07 ⁽⁶⁾	6.91	9.81	0.50 ⁽³⁾	1.32 ⁽³⁾	2.87 ⁽⁶⁾	4.09 ⁽⁶⁾
	16		1.89 ⁽⁶⁾	4.44 ⁽⁶⁾	6.24 ⁽⁶⁾	9.81	0.05 ⁽²⁾	0.85 ⁽³⁾	2.45 ⁽³⁾	3.65 ⁽⁶⁾
	24		0.71 ⁽³⁾	3.28 ⁽³⁾	5.00 ⁽⁶⁾	9.31 ⁽⁶⁾		0.02 ⁽²⁾	1.68 ⁽²⁾	2.83 ⁽³⁾
10	12		1.96 ⁽³⁾	4.21 ⁽⁶⁾	5.81 ⁽⁶⁾	9.01	0.17 ⁽²⁾	0.92 ⁽²⁾	2.36 ⁽³⁾	3.47 ⁽⁶⁾
	16		1.23 ⁽³⁾	3.52 ⁽³⁾	5.08 ⁽⁶⁾	8.96 ⁽⁶⁾		0.42 ⁽²⁾	1.90 ⁽²⁾	2.98 ⁽³⁾
	24			2.28 ⁽²⁾	3.76 ⁽³⁾	7.71 ⁽⁶⁾			1.07 ⁽²⁾	2.09 ⁽²⁾
12	12		0.84 ⁽²⁾	2.61 ⁽³⁾	3.85 ⁽³⁾	6.95 ⁽⁶⁾		0.22 ⁽²⁾	1.43 ⁽²⁾	2.29 ⁽²⁾
	16		0.08 ⁽²⁾	1.90 ⁽²⁾	3.08 ⁽²⁾	6.21 ⁽³⁾			0.94 ⁽²⁾	1.77 ⁽²⁾
	24			0.68 ⁽²⁾	1.74 ⁽²⁾	4.89 ⁽²⁾			0.09 ⁽¹⁾	0.85 ⁽¹⁾
14	12		0.02 ⁽²⁾	1.46 ⁽²⁾	2.39 ⁽²⁾	4.88 ⁽³⁾			0.73 ⁽¹⁾	1.38 ⁽²⁾
	16			0.79 ⁽¹⁾	1.66 ⁽²⁾	4.15 ⁽²⁾			0.25 ⁽¹⁾	0.87 ⁽¹⁾
	24				0.39 ⁽¹⁾	2.87 ⁽²⁾				
16	12			0.68 ⁽¹⁾	1.37 ⁽²⁾	3.38 ⁽²⁾			0.23 ⁽¹⁾	0.73 ⁽¹⁾
	16			0.04 ⁽¹⁾	0.68 ⁽¹⁾	2.68 ⁽²⁾				0.26 ⁽¹⁾
	24					1.48 ⁽¹⁾				

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

40 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)						362S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12	1.23 ⁽⁶⁾	2.29 ⁽⁶⁾	4.21 ⁽⁷⁾	5.48	8.00	1.63 ⁽⁶⁾	2.86 ⁽⁷⁾	5.34	6.80	9.68	
	16	0.78 ⁽³⁾	1.84 ⁽⁶⁾	3.77 ⁽⁶⁾	5.48 ⁽⁷⁾	8.00	1.14 ⁽⁶⁾	2.33 ⁽⁶⁾	4.87 ⁽⁶⁾	6.80	9.68	
	24		1.03 ⁽³⁾	2.95 ⁽³⁾	4.70 ⁽⁶⁾	7.87 ⁽⁶⁾	0.24 ⁽³⁾	1.35 ⁽³⁾	3.91 ⁽⁶⁾	6.12 ⁽⁶⁾	9.68 ⁽⁷⁾	
9	12	0.82 ⁽³⁾	1.82 ⁽⁶⁾	3.58 ⁽⁶⁾	5.15 ⁽⁶⁾	7.50	1.16 ⁽³⁾	2.28 ⁽⁶⁾	4.59 ⁽⁶⁾	6.36 ⁽⁷⁾	9.04	
	16	0.32 ⁽²⁾	1.31 ⁽³⁾	3.07 ⁽³⁾	4.67 ⁽⁶⁾	7.50 ⁽⁶⁾	0.61 ⁽³⁾	1.68 ⁽³⁾	3.99 ⁽⁶⁾	6.00 ⁽⁶⁾	9.04 ⁽⁷⁾	
	24		0.39 ⁽²⁾	2.15 ⁽²⁾	3.76 ⁽³⁾	6.62 ⁽⁶⁾		0.58 ⁽²⁾	2.92 ⁽³⁾	4.97 ⁽³⁾	8.44 ⁽⁶⁾	
10	12	0.43 ⁽²⁾	1.36 ⁽³⁾	2.95 ⁽³⁾	4.39 ⁽⁶⁾	6.93 ⁽⁶⁾	0.71 ⁽³⁾	1.72 ⁽³⁾	3.79 ⁽⁶⁾	5.60 ⁽⁶⁾	8.33 ⁽⁷⁾	
	16		0.80 ⁽²⁾	2.39 ⁽³⁾	3.84 ⁽³⁾	6.48 ⁽⁶⁾	0.12 ⁽²⁾	1.06 ⁽³⁾	3.15 ⁽³⁾	4.99 ⁽⁶⁾	8.17 ⁽⁶⁾	
	24			1.40 ⁽²⁾	2.86 ⁽²⁾	5.38 ⁽³⁾			2.00 ⁽²⁾	3.88 ⁽³⁾	6.97 ⁽³⁾	
12	12		0.53 ⁽²⁾	1.78 ⁽²⁾	2.95 ⁽³⁾	5.02 ⁽³⁾		0.72 ⁽²⁾	2.36 ⁽²⁾	3.83 ⁽³⁾	6.35 ⁽⁶⁾	
	16			1.21 ⁽²⁾	2.37 ⁽²⁾	4.37 ⁽³⁾		0.02 ⁽²⁾	1.69 ⁽²⁾	3.18 ⁽²⁾	5.64 ⁽³⁾	
	24			0.21 ⁽¹⁾	1.36 ⁽²⁾	3.22 ⁽²⁾			0.54 ⁽¹⁾	2.04 ⁽²⁾	4.38 ⁽²⁾	
14	12			0.93 ⁽²⁾	1.85 ⁽²⁾	3.41 ⁽²⁾			1.30 ⁽²⁾	2.48 ⁽²⁾	4.42 ⁽³⁾	
	16			0.38 ⁽¹⁾	1.29 ⁽¹⁾	2.77 ⁽²⁾			0.67 ⁽¹⁾	1.85 ⁽²⁾	3.72 ⁽²⁾	
	24				0.33 ⁽¹⁾	1.67 ⁽¹⁾				0.76 ⁽¹⁾	2.51 ⁽²⁾	
16	12			0.33 ⁽¹⁾	1.07 ⁽¹⁾	2.26 ⁽²⁾			0.57 ⁽¹⁾	1.52 ⁽²⁾	3.02 ⁽²⁾	
	16				0.55 ⁽¹⁾	1.66 ⁽¹⁾				0.93 ⁽¹⁾	2.36 ⁽²⁾	
	24					0.63 ⁽¹⁾					1.23 ⁽¹⁾	

40 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.32	6.00	7.91	11.17	1.08 ⁽⁶⁾	2.03 ⁽⁶⁾	3.77	5.10
	16		2.76 ⁽⁶⁾	5.66 ⁽⁷⁾	7.91	11.17	0.70 ⁽³⁾	1.65 ⁽⁶⁾	3.54 ⁽⁶⁾	5.10 ⁽⁷⁾
	24		1.72 ⁽⁶⁾	4.63 ⁽⁶⁾	6.87 ⁽⁶⁾	11.17		0.92 ⁽³⁾	2.87 ⁽⁶⁾	4.47 ⁽⁶⁾
9	12		2.72 ⁽⁶⁾	5.39 ⁽⁷⁾	7.40	10.43	0.74 ⁽³⁾	1.65 ⁽⁶⁾	3.44 ⁽⁶⁾	4.93 ⁽⁷⁾
	16		2.07 ⁽⁶⁾	4.76 ⁽⁶⁾	6.77 ⁽⁷⁾	10.43	0.30 ⁽³⁾	1.19 ⁽³⁾	3.01 ⁽⁶⁾	4.56 ⁽⁶⁾
	24		0.89 ⁽³⁾	3.59 ⁽³⁾	5.50 ⁽⁶⁾	10.08 ⁽⁶⁾		0.35 ⁽²⁾	2.23 ⁽³⁾	3.70 ⁽³⁾
10	12		2.13 ⁽⁶⁾	4.58 ⁽⁶⁾	6.34 ⁽⁶⁾	9.64	0.40 ⁽²⁾	1.26 ⁽³⁾	2.95 ⁽⁶⁾	4.40 ⁽⁶⁾
	16		1.40 ⁽³⁾	3.87 ⁽³⁾	5.58 ⁽⁶⁾	9.64 ⁽⁷⁾		0.74 ⁽²⁾	2.47 ⁽³⁾	3.87 ⁽³⁾
	24		0.12 ⁽²⁾	2.60 ⁽²⁾	4.21 ⁽³⁾	8.43 ⁽⁶⁾			1.60 ⁽²⁾	2.91 ⁽²⁾
12	12		1.01 ⁽²⁾	2.94 ⁽³⁾	4.28 ⁽³⁾	7.64 ⁽⁶⁾		0.51 ⁽²⁾	1.98 ⁽²⁾	3.11 ⁽³⁾
	16		0.22 ⁽²⁾	2.19 ⁽²⁾	3.47 ⁽³⁾	6.86 ⁽³⁾			1.43 ⁽²⁾	2.52 ⁽²⁾
	24			0.90 ⁽²⁾	2.07 ⁽²⁾	5.47 ⁽²⁾			0.48 ⁽¹⁾	1.47 ⁽²⁾
14	12		0.13 ⁽²⁾	1.69 ⁽²⁾	2.71 ⁽²⁾	5.40 ⁽³⁾			1.15 ⁽²⁾	2.01 ⁽²⁾
	16			0.98 ⁽²⁾	1.93 ⁽²⁾	4.63 ⁽²⁾			0.60 ⁽¹⁾	1.41 ⁽²⁾
	24				0.59 ⁽¹⁾	3.28 ⁽²⁾				0.39 ⁽¹⁾
16	12			0.83 ⁽¹⁾	1.60 ⁽²⁾	3.77 ⁽²⁾			0.53 ⁽¹⁾	1.19 ⁽¹⁾
	16			0.16 ⁽¹⁾	0.87 ⁽¹⁾	3.03 ⁽²⁾				0.62 ⁽¹⁾
	24					1.77 ⁽¹⁾				

40 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)						400S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	1.52 ⁽⁶⁾	2.67 ⁽⁷⁾	4.73	6.27	9.21	1.95 ⁽⁷⁾	3.32	5.92	7.74	11.17		
	16	1.09 ⁽⁶⁾	2.24 ⁽⁶⁾	4.47 ⁽⁷⁾	6.27	9.21	1.48 ⁽⁶⁾	2.81 ⁽⁷⁾	5.74	7.74	11.17		
	24	0.29 ⁽³⁾	1.44 ⁽³⁾	3.65 ⁽⁶⁾	5.76 ⁽⁶⁾	9.21 ⁽⁷⁾	0.61 ⁽³⁾	1.85 ⁽⁶⁾	4.78 ⁽⁶⁾	7.41 ⁽⁷⁾	11.17		
9	12	1.11 ⁽⁶⁾	2.22 ⁽⁶⁾	4.30 ⁽⁶⁾	6.01	8.77	1.50 ⁽⁶⁾	2.77 ⁽⁶⁾	5.48 ⁽⁷⁾	7.38	10.59		
	16	0.62 ⁽³⁾	1.72 ⁽³⁾	3.78 ⁽⁶⁾	5.78 ⁽⁶⁾	8.77	0.95 ⁽³⁾	2.17 ⁽⁶⁾	4.88 ⁽⁶⁾	7.34 ⁽⁷⁾	10.59		
	24		0.80 ⁽²⁾	2.83 ⁽³⁾	4.82 ⁽⁶⁾	8.25 ⁽⁶⁾		1.07 ⁽³⁾	3.78 ⁽³⁾	6.26 ⁽⁶⁾	10.43 ⁽⁶⁾		
10	12	0.71 ⁽³⁾	1.76 ⁽³⁾	3.67 ⁽⁶⁾	5.53 ⁽⁶⁾	8.26	1.05 ⁽³⁾	2.21 ⁽⁶⁾	4.69 ⁽⁶⁾	6.97 ⁽⁷⁾	9.93		
	16	0.17 ⁽²⁾	1.20 ⁽³⁾	3.09 ⁽³⁾	4.95 ⁽⁶⁾	8.14 ⁽⁶⁾	0.44 ⁽²⁾	1.54 ⁽³⁾	4.02 ⁽⁶⁾	6.32 ⁽⁶⁾	9.93 ⁽⁷⁾		
	24		0.18 ⁽²⁾	2.04 ⁽²⁾	3.88 ⁽³⁾	6.95 ⁽⁶⁾		0.33 ⁽²⁾	2.80 ⁽³⁾	5.11 ⁽³⁾	8.89 ⁽⁶⁾		
12	12		0.89 ⁽²⁾	2.44 ⁽³⁾	3.97 ⁽³⁾	6.59 ⁽⁶⁾	0.23 ⁽²⁾	1.15 ⁽²⁾	3.17 ⁽³⁾	5.08 ⁽⁶⁾	8.25 ⁽⁶⁾		
	16		0.26 ⁽²⁾	1.80 ⁽²⁾	3.31 ⁽²⁾	5.85 ⁽³⁾		0.40 ⁽²⁾	2.43 ⁽²⁾	4.34 ⁽³⁾	7.44 ⁽⁶⁾		
	24			0.68 ⁽²⁾	2.15 ⁽²⁾	4.53 ⁽²⁾			1.14 ⁽²⁾	3.03 ⁽²⁾	6.01 ⁽³⁾		
14	12		0.18 ⁽²⁾	1.43 ⁽²⁾	2.62 ⁽²⁾	4.63 ⁽³⁾		0.29 ⁽²⁾	1.92 ⁽²⁾	3.43 ⁽²⁾	5.91 ⁽³⁾		
	16			0.79 ⁽¹⁾	1.96 ⁽²⁾	3.89 ⁽²⁾			1.20 ⁽²⁾	2.69 ⁽²⁾	5.10 ⁽²⁾		
	24				0.83 ⁽¹⁾	2.61 ⁽²⁾				1.42 ⁽¹⁾	3.69 ⁽²⁾		
16	12			0.69 ⁽¹⁾	1.63 ⁽²⁾	3.17 ⁽²⁾			1.02 ⁽²⁾	2.21 ⁽²⁾	4.15 ⁽²⁾		
	16			0.08 ⁽¹⁾	1.01 ⁽¹⁾	2.47 ⁽²⁾			0.33 ⁽¹⁾	1.52 ⁽¹⁾	3.38 ⁽²⁾		
	24					1.27 ⁽¹⁾				0.34 ⁽¹⁾	2.05 ⁽¹⁾		

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

40 psf Lateral Load									
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)						550S162-(mils)	
		33 ksi		50 ksi		33 ksi		50 ksi	
		33	43	54	68	97	33	43	68
8	12		3.78	6.39	8.85	12.91	2.33	3.50	5.75
	16		3.25 ⁽⁷⁾	6.37	8.85	12.91	2.00	3.35	5.75
	24		2.25 ⁽⁶⁾	5.40 ⁽⁶⁾	8.22 ⁽⁷⁾	12.91	1.35 ⁽⁶⁾	2.72 ⁽⁷⁾	5.66
9	12		3.22 ⁽⁷⁾	6.23	8.55	12.22	2.03	3.36	5.67
	16		2.58 ⁽⁶⁾	5.61 ⁽⁷⁾	8.29	12.22	1.62 ⁽⁶⁾	2.96	5.67
	24		1.41 ⁽³⁾	4.45 ⁽⁶⁾	6.95 ⁽⁶⁾	12.22 ⁽⁷⁾	0.83 ⁽⁶⁾	2.18 ⁽⁶⁾	5.02 ⁽⁷⁾
10	12		2.63 ⁽⁶⁾	5.48 ⁽⁶⁾	7.90	11.47	1.70 ⁽⁶⁾	3.01	5.58
	16		1.91 ⁽³⁾	4.76 ⁽⁶⁾	7.08 ⁽⁶⁾	11.47	1.21 ⁽⁶⁾	2.53 ⁽⁶⁾	5.30 ⁽⁷⁾
	24		0.61 ⁽²⁾	3.46 ⁽³⁾	5.60 ⁽⁶⁾	10.64 ⁽⁶⁾	0.29 ⁽³⁾	1.61 ⁽⁶⁾	4.32 ⁽⁶⁾
12	12		1.50 ⁽³⁾	3.90 ⁽³⁾	5.69 ⁽⁶⁾	9.83 ⁽⁶⁾	0.98 ⁽³⁾	2.23 ⁽⁶⁾	4.76 ⁽⁶⁾
	16		0.67 ⁽²⁾	3.07 ⁽³⁾	4.77 ⁽³⁾	8.95 ⁽⁶⁾	0.37 ⁽³⁾	1.60 ⁽³⁾	4.09 ⁽⁶⁾
	24			1.62 ⁽²⁾	3.16 ⁽²⁾	7.38 ⁽³⁾		0.44 ⁽²⁾	2.85 ⁽³⁾
14	12		0.51 ⁽²⁾	2.44 ⁽²⁾	3.78 ⁽³⁾	7.15 ⁽⁶⁾	0.29 ⁽²⁾	1.42 ⁽³⁾	3.63 ⁽³⁾
	16			1.62 ⁽²⁾	2.87 ⁽²⁾	6.25 ⁽³⁾		0.68 ⁽²⁾	2.84 ⁽³⁾
	24			0.21 ⁽¹⁾	1.31 ⁽²⁾	4.69 ⁽²⁾			1.44 ⁽²⁾
16	12			1.37 ⁽²⁾	2.37 ⁽²⁾	5.10 ⁽³⁾		0.67 ⁽²⁾	2.54 ⁽²⁾
	16			0.59 ⁽¹⁾	1.52 ⁽²⁾	4.24 ⁽²⁾			1.71 ⁽²⁾
	24				0.06 ⁽¹⁾	2.75 ⁽²⁾			0.26 ⁽¹⁾

40 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)					550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.85	4.34	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	16	2.49	4.19	7.31	9.67	15.00		4.59	7.53	10.75	17.47
	24	1.79 ⁽⁷⁾	3.42	7.31	9.67	15.00		3.82	7.53	10.75	17.47
9	12	2.51	4.18	7.18	9.50	14.72		4.59	7.41	10.56	17.10
	16	2.07 ⁽⁷⁾	3.69	7.18	9.50	14.72		4.10	7.41	10.56	17.10
	24	1.22 ⁽⁶⁾	2.75 ⁽⁶⁾	6.55	9.50	14.72		3.14 ⁽⁷⁾	7.00	10.56	17.10
10	12	2.15 ⁽⁷⁾	3.74	7.01	9.28	14.38		4.15	7.27	10.34	16.66
	16	1.62 ⁽⁶⁾	3.16 ⁽⁷⁾	6.82	9.28	14.38		3.55	7.27	10.34	16.66
	24	0.63 ⁽³⁾	2.05 ⁽⁶⁾	5.68 ⁽⁶⁾	8.90 ⁽⁷⁾	14.38		2.42 ⁽⁶⁾	6.16 ⁽⁷⁾	9.62	16.66
12	12	1.36 ⁽⁶⁾	2.77 ⁽⁶⁾	6.07 ⁽⁷⁾	8.74	13.51		3.17 ⁽⁶⁾	6.51 ⁽⁷⁾	9.81	15.58
	16	0.69 ⁽³⁾	2.01 ⁽⁶⁾	5.28 ⁽⁶⁾	8.26 ⁽⁶⁾	13.51		2.38 ⁽⁶⁾	5.74 ⁽⁶⁾	9.01 ⁽⁷⁾	15.58
	24		0.63 ⁽³⁾	3.84 ⁽³⁾	6.82 ⁽⁶⁾	12.55 ⁽⁶⁾		0.94 ⁽³⁾	4.31 ⁽³⁾	7.28 ⁽⁶⁾	14.85 ⁽⁷⁾
14	12	0.58 ⁽³⁾	1.77 ⁽³⁾	4.64 ⁽⁶⁾	7.32 ⁽⁶⁾	12.41 ⁽⁷⁾	2.14 ⁽⁶⁾	5.27 ⁽⁶⁾	8.10 ⁽⁶⁾	14.28	
	16		0.90 ⁽²⁾	3.73 ⁽³⁾	6.40 ⁽⁶⁾	11.55 ⁽⁶⁾	1.21 ⁽³⁾	4.33 ⁽³⁾	6.99 ⁽⁶⁾	13.63 ⁽⁶⁾	
	24			2.12 ⁽²⁾	4.75 ⁽³⁾	9.62 ⁽³⁾		2.64 ⁽²⁾	4.98 ⁽³⁾	11.51 ⁽⁶⁾	
16	12		0.87 ⁽²⁾	3.31 ⁽³⁾	5.65 ⁽³⁾	10.14 ⁽⁶⁾	1.17 ⁽³⁾	3.98 ⁽³⁾	6.24 ⁽⁶⁾	11.98 ⁽⁶⁾	
	16			2.35 ⁽²⁾	4.66 ⁽³⁾	8.97 ⁽³⁾	0.15 ⁽²⁾	2.94 ⁽²⁾	5.03 ⁽³⁾	10.69 ⁽⁶⁾	
	24			0.70 ⁽²⁾	2.93 ⁽²⁾	6.92 ⁽²⁾		1.12 ⁽²⁾	2.91 ⁽²⁾	8.42 ⁽³⁾	

40 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)					600S162-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	1.75	2.61	3.90	5.17	7.82	2.48	3.52	5.72	7.57	11.63
	16	1.51	2.53	3.90	5.17	7.82	2.18	3.52	5.72	7.57	11.63
	24	1.03 ⁽⁷⁾	2.06	3.90	5.17	7.82	1.60 ⁽⁷⁾	2.97	5.72	7.57	11.63
9	12	1.55	2.56	3.90	5.17	7.82	2.23	3.52	5.72	7.57	11.63
	16	1.24 ⁽⁷⁾	2.26	3.90	5.17	7.82	1.85	3.21	5.72	7.57	11.63
	24	0.65 ⁽⁶⁾	1.68 ⁽⁶⁾	3.69 ⁽⁷⁾	5.17	7.82	1.13 ⁽⁶⁾	2.50 ⁽⁷⁾	5.39	7.57	11.63
10	12	1.32 ⁽⁷⁾	2.33	3.90	5.17	7.82	1.94 ⁽⁷⁾	3.29	5.72	7.57	11.63
	16	0.95 ⁽⁶⁾	1.97 ⁽⁶⁾	3.90	5.17	7.82	1.48 ⁽⁶⁾	2.85 ⁽⁷⁾	5.72	7.57	11.63
	24	0.24 ⁽³⁾	1.26 ⁽⁶⁾	3.32 ⁽⁶⁾	4.94 ⁽⁷⁾	7.82	0.62 ⁽³⁾	1.99 ⁽⁶⁾	4.84 ⁽⁶⁾	7.42 ⁽⁷⁾	11.63
12	12	0.81 ⁽³⁾	1.81 ⁽⁶⁾	3.76 ⁽⁶⁾	5.17 ⁽⁷⁾	7.82	1.27 ⁽⁶⁾	2.59 ⁽⁶⁾	5.34 ⁽⁷⁾	7.52	11.63
	16	0.31 ⁽³⁾	1.31 ⁽³⁾	3.31 ⁽⁶⁾	4.92 ⁽⁶⁾	7.82	0.68 ⁽³⁾	1.99 ⁽⁶⁾	4.70 ⁽⁶⁾	7.30 ⁽⁷⁾	11.63
	24		0.37 ⁽²⁾	2.47 ⁽³⁾	4.03 ⁽³⁾	7.29 ⁽⁶⁾		0.88 ⁽³⁾	3.51 ⁽³⁾	6.09 ⁽⁶⁾	11.03 ⁽⁶⁾
14	12	0.26 ⁽²⁾	1.22 ⁽³⁾	3.18 ⁽⁶⁾	4.76 ⁽⁶⁾	7.82 ⁽⁷⁾	0.59 ⁽³⁾	1.81 ⁽³⁾	4.28 ⁽⁶⁾	6.70 ⁽⁶⁾	11.33 ⁽⁷⁾
	16		0.59 ⁽²⁾	2.60 ⁽³⁾	4.14 ⁽³⁾	7.36 ⁽⁶⁾		1.09 ⁽³⁾	3.51 ⁽³⁾	5.90 ⁽⁶⁾	10.75 ⁽⁶⁾
	24			1.54 ⁽²⁾	2.99 ⁽²⁾	6.04 ⁽³⁾			2.10 ⁽²⁾	4.44 ⁽³⁾	8.98 ⁽³⁾
16	12		0.61 ⁽²⁾	2.54 ⁽³⁾	4.03 ⁽³⁾	7.16 ⁽⁶⁾		1.05 ⁽²⁾	3.20 ⁽³⁾	5.36 ⁽³⁾	9.72 ⁽⁶⁾
	16			1.84 ⁽²⁾	3.27 ⁽²⁾	6.28 ⁽³⁾		0.25 ⁽²⁾	2.34 ⁽²⁾	4.46 ⁽³⁾	8.65 ⁽³⁾
	24			0.61 ⁽²⁾	1.91 ⁽²⁾	4.69 ⁽²⁾			0.82 ⁽²⁾	2.86 ⁽²⁾	6.62 ⁽²⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

40 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)					600S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	3.03	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	16	2.70	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26
	24	2.06	3.79	7.56	10.03	15.61		4.18	7.76	11.06	18.26
9	12	2.73	4.41	7.46	9.89	15.40		4.71	7.66	10.96	17.96
	16	2.32	4.04	7.46	9.89	15.40		4.44	7.66	10.96	17.96
	24	1.53 ⁽⁶⁾	3.18	7.21	9.89	15.40		3.56	7.60	10.96	17.96
10	12	2.40	4.10	7.34	9.72	15.14		4.49	7.55	10.79	17.60
	16	1.91 ⁽⁷⁾	3.56	7.34	9.72	15.14		3.95	7.55	10.79	17.60
	24	0.97 ⁽⁶⁾	2.52 ⁽⁶⁾	6.41 ⁽⁷⁾	9.72	15.14		2.89 ⁽⁷⁾	6.84	10.60	17.60
12	12	1.66 ⁽⁶⁾	3.20 ⁽⁷⁾	6.82	9.28	14.44		3.60 ⁽⁷⁾	7.26	10.34	16.69
	16	1.02 ⁽³⁾	2.48 ⁽⁶⁾	6.07 ⁽⁶⁾	9.26 ⁽⁷⁾	14.44		2.86 ⁽⁶⁾	6.55 ⁽⁷⁾	10.06	16.69
	24		1.15 ⁽³⁾	4.67 ⁽⁶⁾	7.88 ⁽⁶⁾	14.21 ⁽⁷⁾		1.48 ⁽³⁾	5.17 ⁽⁶⁾	8.42 ⁽⁶⁾	16.69
14	12	0.90 ⁽³⁾	2.24 ⁽⁶⁾	5.46 ⁽⁶⁾	8.40 ⁽⁶⁾	13.51	2.62 ⁽⁶⁾	5.94 ⁽⁶⁾	9.20 ⁽⁷⁾	15.55	
	16	0.13 ⁽²⁾	1.38 ⁽³⁾	4.56 ⁽³⁾	7.50 ⁽⁶⁾	13.32 ⁽⁷⁾	1.72 ⁽³⁾	5.05 ⁽⁶⁾	8.12 ⁽⁶⁾	15.55 ⁽⁷⁾	
	24			2.93 ⁽²⁾	5.85 ⁽³⁾	11.39 ⁽⁶⁾	0.08 ⁽²⁾	3.41 ⁽³⁾	6.15 ⁽³⁾	13.53 ⁽⁶⁾	
16	12	0.18 ⁽²⁾	1.32 ⁽³⁾	4.11 ⁽³⁾	6.75 ⁽⁶⁾	11.96 ⁽⁶⁾	1.65 ⁽³⁾	4.74 ⁽⁶⁾	7.44 ⁽⁶⁾	14.05 ⁽⁷⁾	
	16		0.37 ⁽²⁾	3.12 ⁽²⁾	5.74 ⁽³⁾	10.76 ⁽⁶⁾	0.64 ⁽²⁾	3.70 ⁽³⁾	6.21 ⁽³⁾	12.73 ⁽⁶⁾	
	24			1.39 ⁽²⁾	3.94 ⁽²⁾	8.63 ⁽³⁾		1.87 ⁽²⁾	4.03 ⁽²⁾	10.38 ⁽³⁾	

40 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97		33	43	54	68	97	
8	12	2.52	3.48	5.60	7.44	11.56		3.11	4.60	7.90	10.45	16.16	
	16	2.37	3.48	5.60	7.44	11.56		3.02	4.60	7.90	10.45	16.16	
	24	1.88	3.35	5.60	7.44	11.56		2.47	4.45	7.90	10.45	16.16	
9	12	2.41	3.48	5.60	7.44	11.56		3.06	4.59	7.90	10.45	16.16	
	16	2.10	3.48	5.60	7.44	11.56		2.71	4.59	7.90	10.45	16.16	
	24	1.49	3.00	5.60	7.44	11.56		2.02	3.98	7.90	10.45	16.16	
10	12	2.18	3.48	5.60	7.44	11.56		2.78	4.57	7.85	10.43	16.16	
	16	1.80	3.27	5.60	7.44	11.56		2.35	4.31	7.85	10.43	16.16	
	24	1.06 ⁽⁶⁾	2.61 ⁽⁷⁾	5.45	7.44	11.56		1.52 ⁽⁷⁾	3.45	7.79	10.43	16.16	
12	12	1.65 ⁽⁷⁾	3.12	5.60	7.44	11.56		2.16	4.05	7.66	10.18	15.96	
	16	1.12 ⁽⁶⁾	2.65 ⁽⁷⁾	5.45	7.44	11.56		1.56 ⁽⁶⁾	3.44 ⁽⁷⁾	7.59	10.18	15.96	
	24	0.12 ⁽³⁾	1.73 ⁽⁶⁾	4.51 ⁽⁶⁾	7.09 ⁽⁷⁾	11.56		0.44 ⁽⁶⁾	2.27 ⁽⁶⁾	6.38 ⁽⁶⁾	9.94	15.96	
14	12	1.05 ⁽⁶⁾	2.56 ⁽⁶⁾	5.32 ⁽⁷⁾	7.44	11.56		1.45 ⁽⁶⁾	3.24 ⁽⁶⁾	7.14	9.82	15.40	
	16	0.38 ⁽³⁾	1.93 ⁽⁶⁾	4.66 ⁽⁶⁾	7.21 ⁽⁷⁾	11.56		0.71 ⁽³⁾	2.46 ⁽⁶⁾	6.32 ⁽⁶⁾	9.72 ⁽⁷⁾	15.40	
	24		0.76 ⁽³⁾	3.43 ⁽³⁾	5.99 ⁽⁶⁾	10.98 ⁽⁶⁾			1.01 ⁽³⁾	4.79 ⁽⁶⁾	8.22 ⁽⁶⁾	15.05 ⁽⁷⁾	
16	12	0.42 ⁽³⁾	1.92 ⁽³⁾	4.59 ⁽⁶⁾	7.10 ⁽⁶⁾	11.56		0.72 ⁽³⁾	2.37 ⁽⁶⁾	5.92 ⁽⁶⁾	9.11 ⁽⁷⁾	14.62	
	16		1.16 ⁽³⁾	3.77 ⁽³⁾	6.28 ⁽⁶⁾	11.23 ⁽⁶⁾			1.46 ⁽³⁾	4.96 ⁽⁶⁾	8.15 ⁽⁶⁾	14.60 ⁽⁷⁾	
	24			2.27 ⁽²⁾	4.75 ⁽³⁾	9.45 ⁽⁶⁾				3.19 ⁽³⁾	6.37 ⁽³⁾	12.52 ⁽⁶⁾	

40 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)					800S137-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12		4.90	8.12	11.47	19.42	1.79	2.50	3.62	4.83	7.46
	16		4.90	8.12	11.47	19.42	1.67	2.50	3.62	4.83	7.46
	24		4.84	8.12	11.47	19.42	1.32	2.36	3.62	4.83	7.46
9	12		4.88	8.07	11.42	19.31	1.70	2.50	3.62	4.83	7.46
	16		4.88	8.07	11.42	19.31	1.48	2.50	3.62	4.83	7.46
	24		4.36	8.07	11.42	19.31	1.04	2.10	3.62	4.83	7.46
10	12		4.86	8.01	11.36	19.18	1.54	2.50	3.62	4.83	7.46
	16		4.68	8.01	11.36	19.18	1.27	2.31	3.62	4.83	7.46
	24		3.82	8.01	11.36	19.18	0.72 ⁽⁷⁾	1.81	3.61	4.83	7.46
12	12		4.42	7.83	11.18	18.61	1.16	2.21	3.62	4.83	7.46
	16		3.81	7.83	11.18	18.61	0.78 ⁽⁶⁾	1.85 ⁽⁷⁾	3.62	4.83	7.46
	24		2.62 ⁽⁶⁾	6.78 ⁽⁷⁾	10.61	18.61	0.03 ⁽⁶⁾	1.14 ⁽⁶⁾	3.05 ⁽⁶⁾	4.78	7.46
14	12		3.61 ⁽⁷⁾	7.53	10.87	17.82	0.73 ⁽⁶⁾	1.79 ⁽⁶⁾	3.57	4.83	7.46
	16		2.82 ⁽⁶⁾	6.74 ⁽⁷⁾	10.48	17.82	0.23 ⁽³⁾	1.31 ⁽⁶⁾	3.17 ⁽⁶⁾	4.83 ⁽⁷⁾	7.46
	24		1.32 ⁽³⁾	5.25 ⁽⁶⁾	8.69 ⁽⁶⁾	17.73		0.40 ⁽³⁾	2.40 ⁽⁶⁾	4.15 ⁽⁶⁾	7.44 ⁽⁷⁾
16	12		2.73 ⁽⁶⁾	6.39 ⁽⁶⁾	9.87 ⁽⁷⁾	16.84	0.26 ⁽³⁾	1.33 ⁽⁶⁾	3.16 ⁽⁶⁾	4.83 ⁽⁷⁾	7.46
	16		1.78 ⁽³⁾	5.44 ⁽⁶⁾	8.72 ⁽⁶⁾	16.84		0.73 ⁽³⁾	2.65 ⁽⁶⁾	4.38 ⁽⁶⁾	7.46 ⁽⁷⁾
	24		0.04 ⁽²⁾	3.67 ⁽³⁾	6.62 ⁽³⁾	14.81 ⁽⁶⁾			1.67 ⁽³⁾	3.43 ⁽³⁾	6.61 ⁽⁶⁾

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

40 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)						800S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.43	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	24	2.00	3.39	5.51	7.34	11.45	2.62	4.58	7.85	10.39	16.13		
9	12	2.47	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.19	3.44	5.51	7.34	11.45	2.84	4.58	7.85	10.39	16.13		
	24	1.64	3.07	5.51	7.34	11.45	2.22	4.26	7.85	10.39	16.13		
10	12	2.27	3.44	5.51	7.34	11.45	2.93	4.58	7.85	10.39	16.13		
	16	1.92	3.32	5.51	7.34	11.45	2.54	4.56	7.85	10.39	16.13		
	24	1.25 ⁽⁷⁾	2.70	5.51	7.34	11.45	1.77	3.81	7.85	10.39	16.13		
12	12	1.79	3.19	5.51	7.34	11.45	2.38	4.40	7.85	10.39	16.13		
	16	1.31 ⁽⁷⁾	2.74	5.51	7.34	11.45	1.83 ⁽⁷⁾	3.85	7.85	10.39	16.13		
	24	0.38 ⁽⁶⁾	1.87 ⁽⁶⁾	4.87 ⁽⁷⁾	7.34	11.45	0.76 ⁽⁶⁾	2.79 ⁽⁷⁾	7.05	10.39	16.13		
14	12	1.25 ⁽⁶⁾	2.67 ⁽⁷⁾	5.51	7.34	11.45	1.73 ⁽⁶⁾	3.70	7.71	10.25	16.12		
	16	0.62 ⁽⁶⁾	2.07 ⁽⁶⁾	5.01 ⁽⁷⁾	7.34	11.45	1.02 ⁽⁶⁾	2.98 ⁽⁶⁾	7.10 ⁽⁷⁾	10.25	16.12		
	24		0.94 ⁽³⁾	3.94 ⁽⁶⁾	6.50 ⁽⁶⁾	11.45 ⁽⁷⁾		1.62 ⁽⁶⁾	5.66 ⁽⁶⁾	9.33 ⁽⁶⁾	16.12		
16	12	0.65 ⁽³⁾	2.07 ⁽⁶⁾	4.97 ⁽⁶⁾	7.34 ⁽⁷⁾	11.45	1.03 ⁽⁶⁾	2.90 ⁽⁶⁾	6.77 ⁽⁷⁾	9.88	15.53		
	16		1.33 ⁽³⁾	4.25 ⁽⁶⁾	6.78 ⁽⁶⁾	11.45 ⁽⁷⁾	0.18 ⁽³⁾	2.03 ⁽⁶⁾	5.84 ⁽⁶⁾	9.32 ⁽⁶⁾	15.53		
	24			2.91 ⁽³⁾	5.44 ⁽³⁾	10.34 ⁽⁶⁾		0.42 ⁽³⁾	4.13 ⁽³⁾	7.63 ⁽⁶⁾	14.44 ⁽⁶⁾		

40 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.96	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.64	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.93	8.18	11.55	19.61
	24		4.16	8.18	11.55	19.61
12	12		4.73	8.05	11.42	19.34
	16		4.16	8.05	11.42	19.34
	24		3.06 ⁽⁷⁾	7.37	11.42	19.34
14	12		4.00	7.86	11.24	18.75
	16		3.25 ⁽⁷⁾	7.38	11.24	18.75
	24		1.83 ⁽⁶⁾	5.96 ⁽⁶⁾	9.86 ⁽⁷⁾	18.75
16	12		3.18 ⁽⁶⁾	7.09 ⁽⁷⁾	10.91	17.95
	16		2.27 ⁽⁶⁾	6.17 ⁽⁶⁾	9.98 ⁽⁷⁾	17.95
	24		0.57 ⁽³⁾	4.44 ⁽³⁾	7.99 ⁽⁶⁾	17.01 ⁽⁷⁾

50 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	350S162-(mils)						350S200-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97		33	43	54	68	97	
8	12	0.79 ⁽³⁾	1.81 ⁽⁶⁾	3.62 ⁽⁶⁾	5.17 ⁽⁷⁾	7.58		1.14 ⁽⁶⁾	2.28 ⁽⁶⁾	4.68 ⁽⁶⁾	6.42	9.17	
	16	0.26 ⁽²⁾	1.28 ⁽³⁾	3.09 ⁽⁶⁾	4.70 ⁽⁶⁾	7.58 ⁽⁷⁾		0.55 ⁽³⁾	1.65 ⁽³⁾	4.06 ⁽⁶⁾	6.09 ⁽⁶⁾	9.17	
	24		0.31 ⁽²⁾	2.13 ⁽³⁾	3.76 ⁽³⁾	6.71 ⁽⁶⁾			0.50 ⁽²⁾	2.93 ⁽³⁾	5.03 ⁽⁶⁾	8.59 ⁽⁶⁾	
9	12	0.34 ⁽²⁾	1.29 ⁽³⁾	2.92 ⁽³⁾	4.40 ⁽⁶⁾	7.06 ⁽⁶⁾		0.62 ⁽³⁾	1.65 ⁽³⁾	3.81 ⁽⁶⁾	5.67 ⁽⁶⁾	8.50 ⁽⁷⁾	
	16		0.70 ⁽²⁾	2.34 ⁽³⁾	3.83 ⁽³⁾	6.56 ⁽⁶⁾			0.94 ⁽³⁾	3.13 ⁽³⁾	5.02 ⁽⁶⁾	8.30 ⁽⁶⁾	
	24			1.28 ⁽²⁾	2.79 ⁽²⁾	5.39 ⁽³⁾				1.90 ⁽²⁾	3.84 ⁽³⁾	7.03 ⁽³⁾	
10	12		0.80 ⁽²⁾	2.26 ⁽³⁾	3.61 ⁽³⁾	6.08 ⁽⁶⁾		0.15 ⁽²⁾	1.05 ⁽³⁾	2.99 ⁽³⁾	4.69 ⁽⁶⁾	7.66 ⁽⁶⁾	
	16		0.17 ⁽²⁾	1.64 ⁽²⁾	3.00 ⁽²⁾	5.39 ⁽³⁾			0.30 ⁽²⁾	2.26 ⁽²⁾	4.00 ⁽³⁾	6.91 ⁽⁶⁾	
	24			0.55 ⁽²⁾	1.90 ⁽²⁾	4.14 ⁽²⁾				0.99 ⁽²⁾	2.75 ⁽²⁾	5.56 ⁽³⁾	
12	12			1.15 ⁽²⁾	2.22 ⁽²⁾	4.07 ⁽³⁾			0.07 ⁽²⁾	1.61 ⁽²⁾	2.98 ⁽²⁾	5.25 ⁽³⁾	
	16			0.53 ⁽¹⁾	1.59 ⁽²⁾	3.35 ⁽²⁾				0.89 ⁽²⁾	2.27 ⁽²⁾	4.47 ⁽²⁾	
	24				0.50 ⁽¹⁾	2.10 ⁽²⁾					1.03 ⁽¹⁾	3.09 ⁽²⁾	
14	12			0.38 ⁽¹⁾	1.22 ⁽¹⁾	2.59 ⁽²⁾				0.65 ⁽¹⁾	1.74 ⁽²⁾	3.47 ⁽²⁾	
	16				0.62 ⁽¹⁾	1.90 ⁽¹⁾					1.07 ⁽¹⁾	2.71 ⁽²⁾	
	24					0.72 ⁽¹⁾						1.41 ⁽¹⁾	
16	12				0.53 ⁽¹⁾	1.56 ⁽¹⁾				0.02 ⁽¹⁾	0.90 ⁽¹⁾	2.21 ⁽²⁾	
	16					0.92 ⁽¹⁾					0.26 ⁽¹⁾	1.51 ⁽¹⁾	
	24											0.30 ⁽¹⁾	

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

50 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	350S250-(mils)					362S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		2.72 ⁽⁶⁾	5.47 ⁽⁷⁾	7.47	10.57	0.55 ⁽³⁾	1.41 ⁽⁶⁾	3.09 ⁽⁶⁾	4.41 ⁽⁶⁾
	16		2.05 ⁽⁶⁾	4.81 ⁽⁶⁾	6.87 ⁽⁷⁾	10.57	0.08 ⁽²⁾	0.93 ⁽³⁾	2.65 ⁽³⁾	3.95 ⁽⁶⁾
	24		0.80 ⁽³⁾	3.60 ⁽³⁾	5.55 ⁽⁶⁾	10.26 ⁽⁶⁾		0.05 ⁽²⁾	1.84 ⁽²⁾	3.10 ⁽³⁾
9	12		2.05 ⁽⁶⁾	4.59 ⁽⁶⁾	6.40 ⁽⁶⁾	9.81	0.16 ⁽²⁾	0.97 ⁽³⁾	2.55 ⁽³⁾	3.76 ⁽⁶⁾
	16		1.28 ⁽³⁾	3.84 ⁽³⁾	5.60 ⁽⁶⁾	9.81 ⁽⁷⁾		0.42 ⁽²⁾	2.05 ⁽³⁾	3.23 ⁽³⁾
	24			2.48 ⁽²⁾	4.14 ⁽³⁾	8.51 ⁽⁶⁾			1.14 ⁽²⁾	2.27 ⁽²⁾
10	12		1.41 ⁽³⁾	3.68 ⁽³⁾	5.26 ⁽⁶⁾	9.01 ⁽⁶⁾		0.54 ⁽²⁾	2.01 ⁽²⁾	3.10 ⁽³⁾
	16		0.57 ⁽²⁾	2.88 ⁽³⁾	4.40 ⁽³⁾	8.32 ⁽⁶⁾			1.47 ⁽²⁾	2.52 ⁽²⁾
	24			1.45 ⁽²⁾	2.86 ⁽²⁾	6.85 ⁽³⁾			0.51 ⁽¹⁾	1.49 ⁽²⁾
12	12		0.27 ⁽²⁾	2.08 ⁽²⁾	3.26 ⁽³⁾	6.39 ⁽³⁾			1.06 ⁽²⁾	1.89 ⁽²⁾
	16			1.27 ⁽²⁾	2.38 ⁽²⁾	5.53 ⁽³⁾			0.50 ⁽¹⁾	1.29 ⁽²⁾
	24				0.86 ⁽²⁾	4.01 ⁽²⁾				0.25 ⁽¹⁾
14	12			0.95 ⁽²⁾	1.83 ⁽²⁾	4.32 ⁽²⁾			0.36 ⁽¹⁾	1.00 ⁽¹⁾
	16			0.18 ⁽¹⁾	0.99 ⁽¹⁾	3.48 ⁽²⁾				0.41 ⁽¹⁾
	24					2.03 ⁽¹⁾				
16	12			0.20 ⁽¹⁾	0.85 ⁽¹⁾	2.85 ⁽²⁾				0.37 ⁽¹⁾
	16				0.07 ⁽¹⁾	2.05 ⁽¹⁾				
	24					0.70 ⁽¹⁾				

50 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	362S162-(mils)					362S200-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	0.89 ⁽³⁾	1.95 ⁽⁶⁾	3.88 ⁽⁶⁾	5.48 ⁽⁷⁾	8.00	1.26 ⁽⁶⁾	2.46 ⁽⁶⁾	5.00 ⁽⁷⁾	6.80	9.68
	16	0.37 ⁽³⁾	1.43 ⁽³⁾	3.35 ⁽⁶⁾	5.09 ⁽⁶⁾	8.00 ⁽⁷⁾	0.68 ⁽³⁾	1.83 ⁽⁶⁾	4.38 ⁽⁶⁾	6.57 ⁽⁶⁾	9.68
	24		0.46 ⁽²⁾	2.37 ⁽³⁾	4.13 ⁽³⁾	7.25 ⁽⁶⁾		0.67 ⁽³⁾	3.23 ⁽³⁾	5.49 ⁽⁶⁾	9.26 ⁽⁶⁾
9	12	0.44 ⁽²⁾	1.43 ⁽³⁾	3.20 ⁽⁶⁾	4.79 ⁽⁶⁾	7.50 ⁽⁷⁾	0.74 ⁽³⁾	1.82 ⁽³⁾	4.14 ⁽⁶⁾	6.14 ⁽⁶⁾	9.04
	16		0.84 ⁽²⁾	2.60 ⁽³⁾	4.20 ⁽³⁾	7.11 ⁽⁶⁾	0.09 ⁽²⁾	1.11 ⁽³⁾	3.44 ⁽³⁾	5.48 ⁽⁶⁾	8.97 ⁽⁶⁾
	24			1.51 ⁽²⁾	3.13 ⁽²⁾	5.91 ⁽³⁾			2.18 ⁽²⁾	4.26 ⁽³⁾	7.67 ⁽⁶⁾
10	12	0.02 ⁽²⁾	0.94 ⁽²⁾	2.53 ⁽³⁾	3.98 ⁽³⁾	6.63 ⁽⁶⁾	0.26 ⁽²⁾	1.22 ⁽³⁾	3.31 ⁽³⁾	5.14 ⁽⁶⁾	8.33 ⁽⁶⁾
	16		0.29 ⁽²⁾	1.88 ⁽²⁾	3.34 ⁽³⁾	5.92 ⁽³⁾		0.45 ⁽²⁾	2.56 ⁽³⁾	4.42 ⁽³⁾	7.55 ⁽⁶⁾
	24			0.74 ⁽²⁾	2.19 ⁽²⁾	4.63 ⁽²⁾			1.24 ⁽²⁾	3.12 ⁽²⁾	6.15 ⁽³⁾
12	12		0.08 ⁽²⁾	1.35 ⁽²⁾	2.51 ⁽²⁾	4.53 ⁽³⁾		0.19 ⁽²⁾	1.85 ⁽²⁾	3.34 ⁽²⁾	5.82 ⁽³⁾
	16			0.69 ⁽¹⁾	1.85 ⁽²⁾	3.77 ⁽²⁾			1.10 ⁽²⁾	2.59 ⁽²⁾	4.99 ⁽²⁾
	24				0.69 ⁽¹⁾	2.45 ⁽²⁾				1.28 ⁽¹⁾	3.55 ⁽²⁾
14	12			0.51 ⁽¹⁾	1.42 ⁽²⁾	2.93 ⁽²⁾			0.82 ⁽¹⁾	2.00 ⁽²⁾	3.88 ⁽²⁾
	16				0.78 ⁽¹⁾	2.20 ⁽²⁾			0.10 ⁽¹⁾	1.28 ⁽¹⁾	3.09 ⁽²⁾
	24					0.95 ⁽¹⁾				0.05 ⁽¹⁾	1.71 ⁽¹⁾
16	12				0.67 ⁽¹⁾	1.80 ⁽¹⁾			0.13 ⁽¹⁾	1.07 ⁽¹⁾	2.52 ⁽²⁾
	16				0.08 ⁽¹⁾	1.12 ⁽¹⁾				0.40 ⁽¹⁾	1.77 ⁽¹⁾
	24										0.49 ⁽¹⁾

50 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	362S250-(mils)					400S137-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		2.90 ⁽⁶⁾	5.79	7.91	11.17	0.79 ⁽⁶⁾	1.74 ⁽⁶⁾	3.62 ⁽⁶⁾	5.10
	16		2.23 ⁽⁶⁾	5.13 ⁽⁶⁾	7.42 ⁽⁷⁾	11.17	0.33 ⁽³⁾	1.27 ⁽³⁾	3.20 ⁽⁶⁾	4.83 ⁽⁶⁾
	24		0.99 ⁽³⁾	3.92 ⁽⁶⁾	6.07 ⁽⁶⁾	11.03 ⁽⁷⁾		0.40 ⁽²⁾	2.39 ⁽³⁾	3.96 ⁽⁶⁾
9	12		2.23 ⁽⁶⁾	4.91 ⁽⁶⁾	6.94 ⁽⁷⁾	10.43	0.40 ⁽³⁾	1.30 ⁽³⁾	3.12 ⁽⁶⁾	4.67 ⁽⁶⁾
	16		1.46 ⁽³⁾	4.16 ⁽⁶⁾	6.12 ⁽⁶⁾	10.43 ⁽⁷⁾		0.76 ⁽³⁾	2.61 ⁽³⁾	4.12 ⁽⁶⁾
	24		0.08 ⁽²⁾	2.78 ⁽³⁾	4.62 ⁽³⁾	9.26 ⁽⁶⁾			1.68 ⁽²⁾	3.10 ⁽³⁾
10	12		1.58 ⁽³⁾	4.05 ⁽⁶⁾	5.77 ⁽⁶⁾	9.64 ⁽⁷⁾	0.03 ⁽²⁾	0.87 ⁽³⁾	2.59 ⁽³⁾	4.00 ⁽⁶⁾
	16		0.74 ⁽²⁾	3.21 ⁽³⁾	4.88 ⁽³⁾	9.06 ⁽⁶⁾		0.27 ⁽²⁾	2.02 ⁽²⁾	3.38 ⁽³⁾
	24			1.74 ⁽²⁾	3.28 ⁽²⁾	7.54 ⁽³⁾			1.00 ⁽²⁾	2.25 ⁽²⁾
12	12		0.41 ⁽²⁾	2.37 ⁽²⁾	3.67 ⁽³⁾	7.05 ⁽⁶⁾		0.07 ⁽²⁾	1.56 ⁽²⁾	2.66 ⁽²⁾
	16			1.52 ⁽²⁾	2.74 ⁽²⁾	6.14 ⁽³⁾			0.94 ⁽²⁾	1.98 ⁽²⁾
	24			0.04 ⁽¹⁾	1.14 ⁽²⁾	4.55 ⁽²⁾				0.78 ⁽¹⁾
14	12			1.15 ⁽²⁾	2.11 ⁽²⁾	4.81 ⁽²⁾			0.73 ⁽¹⁾	1.56 ⁽²⁾
	16			0.34 ⁽¹⁾	1.23 ⁽²⁾	3.93 ⁽²⁾			0.11 ⁽¹⁾	0.88 ⁽¹⁾
	24					2.39 ⁽¹⁾				
16	12			0.32 ⁽¹⁾	1.04 ⁽¹⁾	3.21 ⁽²⁾			0.13 ⁽¹⁾	0.76 ⁽¹⁾
	16				0.22 ⁽¹⁾	2.37 ⁽¹⁾				0.12 ⁽¹⁾
	24					0.93 ⁽¹⁾				

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

50 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	400S162-(mils)						400S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	1.19 ⁽⁶⁾	2.35 ⁽⁶⁾	4.57 ⁽⁷⁾	6.27	9.21	1.60 ⁽⁶⁾	2.94 ⁽⁷⁾	5.86	7.74	11.17		
	16	0.68 ⁽³⁾	1.84 ⁽⁶⁾	4.05 ⁽⁶⁾	6.16 ⁽⁷⁾	9.21	1.04 ⁽⁶⁾	2.32 ⁽⁶⁾	5.25 ⁽⁶⁾	7.74	11.17		
	24		0.88 ⁽³⁾	3.07 ⁽³⁾	5.18 ⁽⁶⁾	8.87 ⁽⁶⁾		1.18 ⁽³⁾	4.11 ⁽⁶⁾	6.76 ⁽⁶⁾	11.17 ⁽⁷⁾		
9	12	0.74 ⁽³⁾	1.84 ⁽⁶⁾	3.91 ⁽⁶⁾	5.91 ⁽⁶⁾	8.77	1.09 ⁽³⁾	2.32 ⁽⁶⁾	5.03 ⁽⁶⁾	7.38 ⁽⁷⁾	10.59		
	16	0.15 ⁽²⁾	1.25 ⁽³⁾	3.30 ⁽³⁾	5.29 ⁽⁶⁾	8.77 ⁽⁷⁾	0.44 ⁽³⁾	1.61 ⁽³⁾	4.31 ⁽⁶⁾	6.79 ⁽⁶⁾	10.59 ⁽⁷⁾		
	24		0.16 ⁽²⁾	2.18 ⁽²⁾	4.15 ⁽³⁾	7.51 ⁽⁶⁾		0.31 ⁽²⁾	3.01 ⁽³⁾	5.51 ⁽³⁾	9.63 ⁽⁶⁾		
10	12	0.30 ⁽²⁾	1.34 ⁽³⁾	3.23 ⁽³⁾	5.09 ⁽⁶⁾	8.26 ⁽⁶⁾	0.59 ⁽³⁾	1.70 ⁽³⁾	4.18 ⁽⁶⁾	6.48 ⁽⁶⁾	9.93 ⁽⁷⁾		
	16		0.67 ⁽²⁾	2.55 ⁽³⁾	4.40 ⁽³⁾	7.53 ⁽⁶⁾		0.91 ⁽³⁾	3.39 ⁽³⁾	5.70 ⁽⁶⁾	9.52 ⁽⁶⁾		
	24			1.33 ⁽²⁾	3.14 ⁽²⁾	6.13 ⁽³⁾			1.98 ⁽²⁾	4.29 ⁽³⁾	8.00 ⁽³⁾		
12	12		0.41 ⁽²⁾	1.96 ⁽²⁾	3.47 ⁽³⁾	6.03 ⁽³⁾		0.58 ⁽²⁾	2.61 ⁽²⁾	4.52 ⁽³⁾	7.64 ⁽⁶⁾		
	16			1.22 ⁽²⁾	2.70 ⁽²⁾	5.16 ⁽³⁾			1.76 ⁽²⁾	3.66 ⁽²⁾	6.70 ⁽³⁾		
	24				1.37 ⁽²⁾	3.65 ⁽²⁾			0.29 ⁽¹⁾	2.15 ⁽²⁾	5.05 ⁽²⁾		
14	12			0.94 ⁽²⁾	2.12 ⁽²⁾	4.07 ⁽²⁾			1.37 ⁽²⁾	2.87 ⁽²⁾	5.29 ⁽³⁾		
	16			0.22 ⁽¹⁾	1.38 ⁽¹⁾	3.22 ⁽²⁾			0.54 ⁽¹⁾	2.03 ⁽²⁾	4.37 ⁽²⁾		
	24				0.09 ⁽¹⁾	1.76 ⁽¹⁾				0.60 ⁽¹⁾	2.76 ⁽²⁾		
16	12			0.23 ⁽¹⁾	1.15 ⁽¹⁾	2.64 ⁽²⁾			0.49 ⁽¹⁾	1.68 ⁽²⁾	3.56 ⁽²⁾		
	16				0.45 ⁽¹⁾	1.84 ⁽¹⁾				0.90 ⁽¹⁾	2.69 ⁽²⁾		
	24					0.48 ⁽¹⁾					1.18 ⁽¹⁾		

50 psf Lateral Load										
Wall Height (ft)	Spacing (in) o.c.	400S250-(mils)					550S162-(mils)			
		33 ksi		50 ksi			33 ksi		50 ksi	
		33	43	54	68	97	33	43	54	68
8	12		3.38	6.39	8.85	12.91	2.08	3.43	5.75	7.60
	16		2.74 ⁽⁶⁾	5.88 ⁽⁷⁾	8.77	12.91	1.67 ⁽⁷⁾	3.04	5.75	7.60
	24		1.54 ⁽⁶⁾	4.71 ⁽⁶⁾	7.42 ⁽⁶⁾	12.91	0.88 ⁽⁶⁾	2.26 ⁽⁶⁾	5.18 ⁽⁷⁾	7.60
9	12		2.74 ⁽⁶⁾	5.76 ⁽⁷⁾	8.46	12.22	1.72 ⁽⁷⁾	3.06	5.67	7.60
	16		1.99 ⁽⁶⁾	5.01 ⁽⁶⁾	7.61 ⁽⁷⁾	12.22	1.22 ⁽⁶⁾	2.57 ⁽⁷⁾	5.42	7.60
	24		0.60 ⁽³⁾	3.64 ⁽³⁾	6.02 ⁽⁶⁾	11.51 ⁽⁶⁾	0.26 ⁽³⁾	1.62 ⁽⁶⁾	4.43 ⁽⁶⁾	7.09 ⁽⁷⁾
10	12		2.09 ⁽⁶⁾	4.94 ⁽⁶⁾	7.28 ⁽⁶⁾	11.47	1.33 ⁽⁶⁾	2.65 ⁽⁶⁾	5.42	7.48
	16		1.24 ⁽³⁾	4.09 ⁽³⁾	6.32 ⁽⁶⁾	11.32 ⁽⁷⁾	0.74 ⁽³⁾	2.06 ⁽⁶⁾	4.80 ⁽⁶⁾	7.39 ⁽⁷⁾
	24			2.56 ⁽²⁾	4.58 ⁽³⁾	9.67 ⁽⁶⁾		0.96 ⁽³⁾	3.63 ⁽⁶⁾	6.22 ⁽⁶⁾
12	12		0.87 ⁽²⁾	3.27 ⁽³⁾	4.99 ⁽³⁾	9.16 ⁽⁶⁾	0.52 ⁽³⁾	1.76 ⁽³⁾	4.25 ⁽⁶⁾	6.68 ⁽⁶⁾
	16			2.32 ⁽²⁾	3.94 ⁽³⁾	8.13 ⁽³⁾		1.01 ⁽³⁾	3.45 ⁽³⁾	5.86 ⁽⁶⁾
	24			0.66 ⁽²⁾	2.09 ⁽²⁾	6.31 ⁽²⁾			1.99 ⁽²⁾	4.36 ⁽³⁾
14	12			1.81 ⁽²⁾	3.09 ⁽²⁾	6.47 ⁽³⁾		0.86 ⁽²⁾	3.03 ⁽³⁾	5.20 ⁽³⁾
	16			0.88 ⁽²⁾	2.06 ⁽²⁾	5.44 ⁽²⁾			2.12 ⁽²⁾	4.25 ⁽³⁾
	24				0.29 ⁽¹⁾	3.65 ⁽²⁾			0.50 ⁽²⁾	2.55 ⁽²⁾
16	12			0.77 ⁽¹⁾	1.72 ⁽²⁾	4.45 ⁽²⁾		0.07 ⁽²⁾	1.91 ⁽²⁾	3.78 ⁽²⁾
	16				0.75 ⁽¹⁾	3.47 ⁽²⁾			0.95 ⁽²⁾	2.77 ⁽²⁾
	24					1.78 ⁽¹⁾				1.01 ⁽¹⁾

50 psf Lateral Load											
Wall Height (ft)	Spacing (in) o.c.	550S200-(mils)					550S250-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97
8	12	2.58	4.28	7.31	9.67	15.00		4.66	7.53	10.75	17.47
	16	2.14	3.80	7.31	9.67	15.00		4.20	7.53	10.75	17.47
	24	1.29 ⁽⁶⁾	2.86 ⁽⁷⁾	6.79	9.67	15.00		3.25	7.21	10.75	17.47
9	12	2.18	3.81	7.18	9.50	14.72		4.22	7.41	10.56	17.10
	16	1.64 ⁽⁶⁾	3.22 ⁽⁷⁾	7.03	9.50	14.72		3.61	7.41	10.56	17.10
	24	0.62 ⁽⁶⁾	2.08 ⁽⁶⁾	5.86 ⁽⁶⁾	9.18	14.72		2.45 ⁽⁶⁾	6.32 ⁽⁷⁾	9.91	17.10
10	12	1.75 ⁽⁶⁾	3.30 ⁽⁷⁾	6.97	9.28	14.38		3.70	7.27	10.34	16.66
	16	1.12 ⁽⁶⁾	2.59 ⁽⁶⁾	6.24 ⁽⁷⁾	9.28	14.38		2.98 ⁽⁶⁾	6.71	10.27	16.66
	24		1.26 ⁽³⁾	4.86 ⁽⁶⁾	8.11 ⁽⁶⁾	14.38		1.61 ⁽⁶⁾	5.36 ⁽⁶⁾	8.68 ⁽⁷⁾	16.66
12	12	0.85 ⁽³⁾	2.20 ⁽⁶⁾	5.47 ⁽⁶⁾	8.44 ⁽⁷⁾	13.51		2.58 ⁽⁶⁾	5.93 ⁽⁶⁾	9.23 ⁽⁷⁾	15.58
	16	0.06 ⁽²⁾	1.30 ⁽³⁾	4.54 ⁽⁶⁾	7.52 ⁽⁶⁾	13.36 ⁽⁷⁾		1.64 ⁽³⁾	5.01 ⁽⁶⁾	8.13 ⁽⁶⁾	15.58
	24			2.84 ⁽³⁾	5.82 ⁽³⁾	11.40 ⁽⁶⁾			3.32 ⁽³⁾	6.09 ⁽³⁾	13.59 ⁽⁶⁾
14	12		1.11 ⁽³⁾	3.95 ⁽³⁾	6.62 ⁽⁶⁾	11.81 ⁽⁶⁾	1.44 ⁽³⁾	4.56 ⁽³⁾	7.26 ⁽⁶⁾	13.91 ⁽⁷⁾	
	16		0.10 ⁽²⁾	2.90 ⁽²⁾	5.55 ⁽³⁾	10.55 ⁽⁶⁾	0.36 ⁽²⁾	3.46 ⁽³⁾	5.95 ⁽³⁾	12.53 ⁽⁶⁾	
	24			1.04 ⁽²⁾	3.64 ⁽²⁾	8.30 ⁽³⁾		1.50 ⁽²⁾	3.63 ⁽²⁾	10.06 ⁽³⁾	
16	12		0.16 ⁽²⁾	2.58 ⁽²⁾	4.89 ⁽³⁾	9.25 ⁽³⁾	0.40 ⁽²⁾	3.19 ⁽²⁾	5.32 ⁽³⁾	11.00 ⁽⁶⁾	
	16			1.49 ⁽²⁾	3.76 ⁽²⁾	7.90 ⁽³⁾		1.99 ⁽²⁾	3.93 ⁽²⁾	9.51 ⁽³⁾	
	24				1.79 ⁽²⁾	5.55 ⁽²⁾			1.52 ⁽²⁾	6.91 ⁽²⁾	

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

COMBINED AXIAL AND LATERAL LOAD TABLES

50 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S137-(mils)						600S162-(mils)					
		33 ksi		50 ksi				33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97		
8	12	1.57	2.59	3.90	5.17	7.82	2.26	3.52	5.72	7.57	11.63		
	16	1.27	2.29	3.90	5.17	7.82	1.89	3.25	5.72	7.57	11.63		
	24	0.68 ⁽⁶⁾	1.72 ⁽⁷⁾	3.73	5.17	7.82	1.17 ⁽⁶⁾	2.56 ⁽⁷⁾	5.47	7.57	11.63		
9	12	1.32 ⁽⁷⁾	2.34	3.90	5.17	7.82	1.94	3.30	5.72	7.57	11.63		
	16	0.94 ⁽⁶⁾	1.97 ⁽⁷⁾	3.90	5.17	7.82	1.49 ⁽⁶⁾	2.85	5.72	7.57	11.63		
	24	0.21 ⁽³⁾	1.26 ⁽⁶⁾	3.33 ⁽⁶⁾	4.96 ⁽⁷⁾	7.82	0.60 ⁽⁶⁾	1.99 ⁽⁶⁾	4.87 ⁽⁷⁾	7.47	11.63		
10	12	1.04 ⁽⁶⁾	2.06 ⁽⁷⁾	3.90	5.17	7.82	1.60 ⁽⁶⁾	2.95	5.72	7.57	11.63		
	16	0.59 ⁽⁶⁾	1.61 ⁽⁶⁾	3.62 ⁽⁶⁾	5.17	7.82	1.05 ⁽⁶⁾	2.41 ⁽⁶⁾	5.27 ⁽⁷⁾	7.57	11.63		
	24		0.76 ⁽³⁾	2.87 ⁽⁶⁾	4.48 ⁽⁶⁾	7.82 ⁽⁷⁾	0.01 ⁽³⁾	1.38 ⁽⁶⁾	4.19 ⁽⁶⁾	6.80 ⁽⁶⁾	11.63		
12	12	0.43 ⁽³⁾	1.43 ⁽⁶⁾	3.42 ⁽⁶⁾	5.03 ⁽⁶⁾	7.82	0.83 ⁽³⁾	2.14 ⁽⁶⁾	4.86 ⁽⁶⁾	7.45 ⁽⁷⁾	11.63		
	16		0.83 ⁽³⁾	2.88 ⁽³⁾	4.47 ⁽⁶⁾	7.78 ⁽⁶⁾	0.12 ⁽³⁾	1.42 ⁽³⁾	4.09 ⁽⁶⁾	6.68 ⁽⁶⁾	11.63 ⁽⁷⁾		
	24			1.87 ⁽²⁾	3.39 ⁽³⁾	6.58 ⁽⁶⁾		0.10 ⁽²⁾	2.67 ⁽³⁾	5.24 ⁽³⁾	10.04 ⁽⁶⁾		
14	12		0.75 ⁽²⁾	2.74 ⁽³⁾	4.29 ⁽³⁾	7.53 ⁽⁶⁾	0.06 ⁽²⁾	1.27 ⁽³⁾	3.70 ⁽³⁾	6.09 ⁽⁶⁾	10.99 ⁽⁶⁾		
	16		0.01 ⁽²⁾	2.06 ⁽²⁾	3.55 ⁽³⁾	6.69 ⁽⁶⁾		0.42 ⁽²⁾	2.78 ⁽³⁾	5.15 ⁽³⁾	9.84 ⁽⁶⁾		
	24			0.80 ⁽²⁾	2.20 ⁽²⁾	5.13 ⁽³⁾			1.14 ⁽²⁾	3.44 ⁽²⁾	7.77 ⁽³⁾		
16	12		0.06 ⁽²⁾	2.01 ⁽²⁾	3.45 ⁽²⁾	6.49 ⁽³⁾		0.44 ⁽²⁾	2.55 ⁽²⁾	4.68 ⁽³⁾	8.88 ⁽⁶⁾		
	16			1.20 ⁽²⁾	2.57 ⁽²⁾	5.46 ⁽³⁾			1.55 ⁽²⁾	3.63 ⁽²⁾	7.60 ⁽³⁾		
	24				1.00 ⁽¹⁾	3.61 ⁽²⁾				1.79 ⁽²⁾	5.34 ⁽²⁾		

50 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	600S200-(mils)						600S250-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68		97	33	43	54		68	97
8	12	2.78	4.45	7.56	10.03	15.61		4.75	7.76	11.06	18.26		
	16	2.38	4.14	7.56	10.03	15.61		4.53	7.76	11.06	18.26		
	24	1.59 ⁽⁷⁾	3.28	7.41	10.03	15.61		3.66	7.76	11.06	18.26		
9	12	2.42	4.16	7.46	9.89	15.40		4.55	7.66	10.96	17.96		
	16	1.92 ⁽⁷⁾	3.61	7.46	9.89	15.40		4.00	7.66	10.96	17.96		
	24	0.96 ⁽⁶⁾	2.55 ⁽⁶⁾	6.57 ⁽⁷⁾	9.89	15.40		2.92 ⁽⁷⁾	6.98	10.84	17.96		
10	12	2.03 ⁽⁷⁾	3.69	7.34	9.72	15.14		4.08	7.55	10.79	17.60		
	16	1.43 ⁽⁶⁾	3.03 ⁽⁷⁾	6.94	9.72	15.14		3.41	7.35	10.79	17.60		
	24	0.30 ⁽³⁾	1.78 ⁽⁶⁾	5.64 ⁽⁶⁾	9.06 ⁽⁷⁾	15.14		2.13 ⁽⁶⁾	6.10 ⁽⁶⁾	9.72	17.60		
12	12	1.18 ⁽⁶⁾	2.66 ⁽⁶⁾	6.25 ⁽⁷⁾	9.28	14.44		3.04 ⁽⁶⁾	6.73 ⁽⁷⁾	10.27	16.69		
	16	0.41 ⁽³⁾	1.80 ⁽⁶⁾	5.35 ⁽⁶⁾	8.56 ⁽⁶⁾	14.44		2.15 ⁽⁶⁾	5.84 ⁽⁶⁾	9.22 ⁽⁷⁾	16.69		
	24		0.21 ⁽³⁾	3.69 ⁽³⁾	6.91 ⁽⁶⁾	13.10 ⁽⁶⁾		0.51 ⁽³⁾	4.19 ⁽³⁾	7.26 ⁽⁶⁾	15.54 ⁽⁷⁾		
14	12	0.32 ⁽²⁾	1.59 ⁽³⁾	4.78 ⁽⁶⁾	7.72 ⁽⁶⁾	13.51 ⁽⁷⁾		1.94 ⁽³⁾	5.27 ⁽⁶⁾	8.38 ⁽⁶⁾	15.55		
	16		0.58 ⁽²⁾	3.72 ⁽³⁾	6.65 ⁽³⁾	12.33 ⁽⁶⁾		0.88 ⁽³⁾	4.21 ⁽³⁾	7.11 ⁽⁶⁾	14.56 ⁽⁶⁾		
	24			1.82 ⁽²⁾	4.72 ⁽²⁾	10.07 ⁽³⁾			2.28 ⁽²⁾	4.79 ⁽³⁾	12.08 ⁽⁶⁾		
16	12		0.60 ⁽²⁾	3.36 ⁽³⁾	5.98 ⁽³⁾	11.05 ⁽⁶⁾		0.88 ⁽²⁾	3.95 ⁽³⁾	6.51 ⁽⁶⁾	13.05 ⁽⁶⁾		
	16			2.23 ⁽²⁾	4.81 ⁽²⁾	9.66 ⁽³⁾			2.75 ⁽²⁾	5.08 ⁽³⁾	11.52 ⁽⁶⁾		
	24			0.23 ⁽²⁾	2.74 ⁽²⁾	7.20 ⁽²⁾			0.63 ⁽²⁾	2.57 ⁽²⁾	8.79 ⁽³⁾		

50 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	725S162-(mils)						725S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68		97	33	43	54		68	97
8	12	2.43	3.48	5.60	7.44	11.56	3.09	4.60	7.90	10.45	16.16		
	16	2.12	3.48	5.60	7.44	11.56	2.74	4.60	7.90	10.45	16.16		
	24	1.52	3.04	5.60	7.44	11.56	2.06	4.04	7.90	10.45	16.16		
9	12	2.17	3.48	5.60	7.44	11.56	2.79	4.59	7.90	10.45	16.16		
	16	1.79	3.27	5.60	7.44	11.56	2.36	4.33	7.90	10.45	16.16		
	24	1.05 ⁽⁷⁾	2.61	5.46	7.44	11.56	1.51 ⁽⁷⁾	3.47	7.86	10.45	16.16		
10	12	1.89	3.35	5.60	7.44	11.56	2.46	4.41	7.85	10.43	16.16		
	16	1.43 ⁽⁷⁾	2.94	5.60	7.44	11.56	1.93	3.88	7.85	10.43	16.16		
	24	0.53 ⁽⁶⁾	2.13 ⁽⁶⁾	4.96 ⁽⁷⁾	7.44	11.56	0.91 ⁽⁶⁾	2.83 ⁽⁷⁾	7.15	10.43	16.16		
12	12	1.25 ⁽⁶⁾	2.77 ⁽⁷⁾	5.57	7.44	11.56	1.71 ⁽⁶⁾	3.59	7.66	10.18	15.96		
	16	0.62 ⁽⁶⁾	2.18 ⁽⁶⁾	4.98 ⁽⁷⁾	7.44	11.56	0.99 ⁽⁶⁾	2.85 ⁽⁶⁾	6.98 ⁽⁷⁾	10.18	15.96		
	24		1.07 ⁽³⁾	3.83 ⁽⁶⁾	6.43 ⁽⁶⁾	11.54 ⁽⁷⁾		1.43 ⁽⁶⁾	5.50 ⁽⁶⁾	9.10 ⁽⁶⁾	15.96		
14	12	0.55 ⁽³⁾	2.09 ⁽⁶⁾	4.82 ⁽⁶⁾	7.37 ⁽⁷⁾	11.56	0.89 ⁽⁶⁾	2.65 ⁽⁶⁾	6.52 ⁽⁶⁾	9.82	15.40		
	16		1.33 ⁽³⁾	4.03 ⁽⁶⁾	6.59 ⁽⁶⁾	11.56 ⁽⁷⁾		1.72 ⁽³⁾	5.54 ⁽⁶⁾	8.95 ⁽⁶⁾	15.40		
	24			2.56 ⁽³⁾	5.12 ⁽³⁾	9.98 ⁽⁶⁾			3.72 ⁽³⁾	7.15 ⁽⁶⁾	13.83 ⁽⁶⁾		
16	12		1.35 ⁽³⁾	3.97 ⁽³⁾	6.48 ⁽⁶⁾	11.47 ⁽⁶⁾	0.07 ⁽³⁾	1.68 ⁽³⁾	5.19 ⁽⁶⁾	8.38 ⁽⁶⁾	14.62 ⁽⁷⁾		
	16		0.44 ⁽²⁾	3.00 ⁽³⁾	5.50 ⁽³⁾	10.32 ⁽⁶⁾		0.60 ⁽³⁾	4.05 ⁽³⁾	7.24 ⁽⁶⁾	13.53 ⁽⁶⁾		
	24			1.24 ⁽²⁾	3.70 ⁽²⁾	8.21 ⁽³⁾			1.98 ⁽²⁾	5.14 ⁽³⁾	11.08 ⁽³⁾		

Table Footnotes:

- 1 Deflection exceeds L/120
- 2 Deflection exceeds L/240
- 3 Deflection exceeds L/360
- 6 Deflection exceeds L/600
- 7 Deflection exceeds L/720
- If not noted, deflection is less than L/720

COMBINED AXIAL AND LATERAL LOAD TABLES

50 psf Lateral Load												
Wall Height (ft)	Spacing (in) o.c.	725S250-(mils)						800S137-(mils)				
		33 ksi		50 ksi			33 ksi		50 ksi			
		33	43	54	68	97	33	43	54	68	97	
8	12		4.90	8.12	11.47	19.42	1.72	2.50	3.62	4.83	7.46	
	16		4.90	8.12	11.47	19.42	1.50	2.50	3.62	4.83	7.46	
	24		4.42	8.12	11.47	19.42	1.06	2.12	3.62	4.83	7.46	
9	12		4.88	8.07	11.42	19.31	1.54	2.50	3.62	4.83	7.46	
	16		4.71	8.07	11.42	19.31	1.26	2.30	3.62	4.83	7.46	
	24		3.84	8.07	11.42	19.31	0.71 ⁽⁷⁾	1.80	3.60	4.83	7.46	
10	12		4.79	8.01	11.36	19.18	1.33	2.37	3.62	4.83	7.46	
	16		4.25	8.01	11.36	19.18	0.99	2.06	3.62	4.83	7.46	
	24		3.19	7.51	11.36	19.18	0.33 ⁽⁶⁾	1.44 ⁽⁷⁾	3.31	4.83	7.46	
12	12		3.96	7.83	11.18	18.61	0.87 ⁽⁶⁾	1.94	3.62	4.83	7.46	
	16		3.21 ⁽⁷⁾	7.35	11.18	18.61	0.40 ⁽⁶⁾	1.49 ⁽⁶⁾	3.34 ⁽⁷⁾	4.83	7.46	
	24		1.76 ⁽⁶⁾	5.93 ⁽⁶⁾	9.62 ⁽⁷⁾	18.61		0.63 ⁽⁶⁾	2.62 ⁽⁶⁾	4.38 ⁽⁶⁾	7.46	
14	12		3.01 ⁽⁶⁾	6.94 ⁽⁷⁾	10.71	17.82	0.35 ⁽⁶⁾	1.43 ⁽⁶⁾	3.27 ⁽⁶⁾	4.83	7.46	
	16		2.05 ⁽⁶⁾	5.98 ⁽⁶⁾	9.57 ⁽⁷⁾	17.82		0.85 ⁽³⁾	2.78 ⁽⁶⁾	4.52 ⁽⁶⁾	7.46	
	24		0.27 ⁽³⁾	4.19 ⁽³⁾	7.43 ⁽⁶⁾	16.38 ⁽⁶⁾			1.83 ⁽³⁾	3.62 ⁽⁶⁾	6.85 ⁽⁶⁾	
16	12		2.01 ⁽⁶⁾	5.67 ⁽⁶⁾	9.00 ⁽⁶⁾	16.84		0.88 ⁽³⁾	2.77 ⁽⁶⁾	4.50 ⁽⁶⁾	7.46 ⁽⁷⁾	
	16		0.89 ⁽³⁾	4.53 ⁽³⁾	7.64 ⁽⁶⁾	15.92 ⁽⁶⁾		0.16 ⁽²⁾	2.15 ⁽³⁾	3.90 ⁽⁶⁾	7.14 ⁽⁶⁾	
	24			2.45 ⁽²⁾	5.16 ⁽³⁾	13.22 ⁽⁶⁾			0.98 ⁽²⁾	2.76 ⁽³⁾	5.85 ⁽³⁾	

50 psf Lateral Load													
Wall Height (ft)	Spacing (in) o.c.	800S162-(mils)						800S200-(mils)					
		33 ksi		50 ksi			33 ksi		50 ksi				
		33	43	54	68	97	33	43	54	68	97		
8	12	2.49	3.44	5.51	7.34	11.45	3.10	4.58	7.85	10.39	16.13		
	16	2.21	3.44	5.51	7.34	11.45	2.87	4.58	7.85	10.39	16.13		
	24	1.67	3.10	5.51	7.34	11.45	2.25	4.30	7.85	10.39	16.13		
9	12	2.26	3.44	5.51	7.34	11.45	2.92	4.58	7.85	10.39	16.13		
	16	1.92	3.32	5.51	7.34	11.45	2.53	4.56	7.85	10.39	16.13		
	24	1.24	2.69	5.51	7.34	11.45	1.75	3.81	7.85	10.39	16.13		
10	12	2.01	3.40	5.51	7.34	11.45	2.63	4.58	7.85	10.39	16.13		
	16	1.59	3.01	5.51	7.34	11.45	2.15	4.19	7.85	10.39	16.13		
	24	0.76 ⁽⁶⁾	2.25	5.24	7.34	11.45	1.20 ⁽⁷⁾	3.26	7.58	10.39	16.13		
12	12	1.43 ⁽⁷⁾	2.85	5.51	7.34	11.45	1.97	3.99	7.85	10.39	16.13		
	16	0.84 ⁽⁶⁾	2.30 ⁽⁷⁾	5.27	7.34	11.45	1.29 ⁽⁶⁾	3.32	7.59	10.39	16.13		
	24		1.24 ⁽⁶⁾	4.28 ⁽⁶⁾	6.86 ⁽⁷⁾	11.45		2.03 ⁽⁶⁾	6.25 ⁽⁶⁾	9.96	16.13		
14	12	0.78 ⁽⁶⁾	2.22 ⁽⁶⁾	5.15 ⁽⁷⁾	7.34	11.45	1.19 ⁽⁶⁾	3.16 ⁽⁷⁾	7.28	10.25	16.12		
	16	0.02 ⁽³⁾	1.49 ⁽⁶⁾	4.47 ⁽⁶⁾	7.02 ⁽⁷⁾	11.45	0.34 ⁽³⁾	2.29 ⁽⁶⁾	6.37 ⁽⁶⁾	10.00 ⁽⁷⁾	16.12		
	24		0.13 ⁽³⁾	3.17 ⁽³⁾	5.74 ⁽⁶⁾	10.75 ⁽⁶⁾		0.66 ⁽³⁾	4.64 ⁽⁶⁾	8.34 ⁽⁶⁾	15.55 ⁽⁷⁾		
16	12	0.08 ⁽³⁾	1.51 ⁽³⁾	4.43 ⁽⁶⁾	6.95 ⁽⁶⁾	11.45	0.38 ⁽³⁾	2.25 ⁽⁶⁾	6.07 ⁽⁶⁾	9.54 ⁽⁷⁾	15.53		
	16		0.63 ⁽³⁾	3.57 ⁽³⁾	6.10 ⁽⁶⁾	11.09 ⁽⁶⁾		1.21 ⁽³⁾	4.96 ⁽⁶⁾	8.46 ⁽⁶⁾	15.39 ⁽⁷⁾		
	24			1.97 ⁽²⁾	4.49 ⁽³⁾	9.24 ⁽⁶⁾			2.93 ⁽³⁾	6.45 ⁽³⁾	13.07 ⁽⁶⁾		

50 psf Lateral Load						
Wall Height (ft)	Spacing (in) o.c.	800S250-(mils)				
		33 ksi		50 ksi		
		33	43	54	68	97
8	12		4.96	8.26	11.63	19.79
	16		4.96	8.26	11.63	19.79
	24		4.70	8.26	11.63	19.79
9	12		4.94	8.22	11.59	19.71
	16		4.94	8.22	11.59	19.71
	24		4.17	8.22	11.59	19.71
10	12		4.93	8.18	11.55	19.61
	16		4.55	8.18	11.55	19.61
	24		3.58	8.01	11.55	19.61
12	12		4.30	8.05	11.42	19.34
	16		3.61	7.90	11.42	19.34
	24		2.26 ⁽⁶⁾	6.57 ⁽⁷⁾	10.60	19.34
14	12		3.44 ⁽⁷⁾	7.56	11.24	18.75
	16		2.53 ⁽⁶⁾	6.66 ⁽⁷⁾	10.66	18.75
	24		0.82 ⁽³⁾	4.94 ⁽⁶⁾	8.70 ⁽⁶⁾	18.41
16	12		2.49 ⁽⁶⁾	6.39 ⁽⁶⁾	10.24 ⁽⁷⁾	17.95
	16		1.40 ⁽³⁾	5.29 ⁽⁶⁾	8.96 ⁽⁶⁾	17.95
	24			3.23 ⁽³⁾	6.59 ⁽³⁾	15.50 ⁽⁶⁾

Table Footnotes:

- | | |
|----------------------------|---|
| 1 Deflection exceeds L/120 | 6 Deflection exceeds L/600 |
| 2 Deflection exceeds L/240 | 7 Deflection exceeds L/720 |
| 3 Deflection exceeds L/360 | - If not noted, deflection is less than L/720 |

METAL RESOURCES, INC.
STEEL FRAMING COMPONENTS

FLOOR JOIST SPAN TABLES

Table Notes

1. Web punchouts were not considered for shear or web crippling. Shear and web crippling reduction factors required for web punchouts, per ICBO Acceptance Criteria AC46, Appendix B.
2. Spans are based on continuous lateral support of the compression flange.
3. For two equal spans, the listed span is the distance from either end support to the center support. Joists must be continuous over the center support.
4. Web crippling capacity is based on a 3.5 inch bearing length at end and interior supports.
5. Joists must be braced against rotation at all supports by track or blocking.
6. Joist spans are based on 50 ksi for the 54, 68 and 97 mil thicknesses, and 33 ksi for thinner members.
7. Total load deflection = L/240. Live load as noted.
8. Live load has been checked for unbalanced load conditions.

10 psf Dead Load and 20 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
600S162-33	15' 8" ^e	13' 8" ^e	11' 2" ^e	15' 9" ⁱ	13' 8" ⁱ	11' 2" ^a	14' 3"	12' 11" ^e	11' 2" ^e	15' 9" ⁱ	13' 8" ⁱ	11' 2" ^a
600S200-33	16' 5" ^e	14' 3" ^e	11' 8" ^e	16' 6" ⁱ	14' 3" ⁱ	11' 7" ^a	14' 11" ^e	13' 7" ^e	11' 8" ^e	16' 6" ⁱ	14' 3" ⁱ	11' 7" ^a
600S162-43	17' 1"	15' 6"	13' 7"	19' 2" ⁱ	16' 7" ⁱ	13' 7" ⁱ	15' 6"	14' 1"	12' 4"	17' 5" ⁱ	15' 10" ⁱ	13' 7" ⁱ
600S200-43	17' 11"	16' 4"	13' 8"	19' 5" ⁱ	16' 9" ⁱ	13' 8" ⁱ	16' 4"	14' 10"	12' 11"	18' 4" ⁱ	16' 8" ⁱ	13' 8" ⁱ
600S250-43	18' 10"	17' 1"	14' 1" ^e	19' 11" ⁱ	17' 3" ⁱ	14' 1" ⁱ	17' 1"	15' 6"	13' 7"	19' 2" ⁱ	17' 3" ⁱ	14' 1" ⁱ
600S162-54	18' 4"	16' 8"	14' 7"	20' 7"	18' 9" ⁱ	16' 4" ⁱ	16' 8"	15' 2"	13' 3"	18' 9"	17' 0"	14' 10" ⁱ
600S200-54	19' 4"	17' 6"	15' 4"	21' 8"	19' 8" ⁱ	17' 2" ⁱ	17' 6"	15' 11"	13' 11"	19' 8"	17' 11"	15' 7" ⁱ
600S250-54	20' 1"	18' 3"	16' 0"	22' 7"	20' 6" ⁱ	17' 11" ⁱ	18' 3"	16' 7"	14' 6"	20' 6"	18' 8"	16' 3" ⁱ
600S162-68	19' 9"	17' 11"	15' 8"	22' 2"	20' 2"	17' 7"	17' 11"	16' 3"	14' 3"	20' 2"	18' 3"	16' 0"
600S200-68	20' 9"	18' 10"	16' 6"	23' 4"	21' 2"	18' 6"	18' 10"	17' 2"	14' 11"	21' 2"	19' 3"	16' 10"
600S250-68	21' 9"	19' 9"	17' 3"	24' 5"	22' 2"	19' 5" ⁱ	19' 9"	17' 11"	15' 8"	22' 2"	20' 2"	17' 7"
600S162-97	22' 0"	20' 0"	17' 5"	24' 8"	22' 5"	19' 7"	20' 0"	18' 2"	15' 10"	22' 5"	20' 4"	17' 10"
600S200-97	23' 2"	21' 0"	18' 4"	26' 0"	23' 7"	20' 7"	21' 0"	19' 1"	16' 8"	23' 7"	21' 5"	18' 9"
600S250-97	24' 3"	22' 1"	19' 3"	27' 3"	24' 9"	21' 8"	22' 1"	20' 1"	17' 6"	24' 9"	22' 6"	19' 8"
725S162-33	17' 3" ^e	15' 0" ^e	12' 3" ^e	17' 3" ^a	14' 8" ^a	11' 0" ^a	16' 7" ^e	15' 0" ^e	12' 3" ^e	17' 3" ^a	14' 8" ^a	11' 0" ^a
725S200-33	18' 1" ^e	15' 7" ^e	12' 9" ^e	18' 1" ^a	15' 0" ^a	11' 3" ^a	17' 5" ^e	15' 7" ^e	12' 9" ^e	18' 1" ^a	15' 0" ^a	11' 3" ^a
725S162-43	19' 11"	18' 1"	15' 6" ^e	21' 11" ⁱ	19' 0" ⁱ	15' 6" ⁱ	18' 1"	16' 5"	14' 4" ^e	20' 4" ⁱ	18' 5" ⁱ	15' 6" ⁱ
725S200-43	20' 10"	18' 11"	15' 7" ^e	22' 1" ⁱ	19' 1" ⁱ	15' 7" ⁱ	18' 11"	17' 2"	15' 0" ^e	21' 3" ⁱ	19' 1" ⁱ	15' 7" ⁱ
725S250-43	21' 9"	19' 8" ^e	16' 0" ^e	22' 8" ⁱ	19' 8" ⁱ	16' 0" ⁱ	19' 9"	18' 0"	15' 8" ^e	22' 3" ⁱ	19' 8" ⁱ	16' 0" ⁱ
725S162-54	21' 5"	19' 5"	17' 0"	24' 0"	21' 10" ⁱ	19' 1" ⁱ	19' 5"	17' 8"	15' 5"	21' 10"	19' 10"	17' 4" ⁱ
725S200-54	22' 5"	20' 4"	17' 9"	25' 2" ⁱ	22' 10" ⁱ	20' 0" ⁱ	20' 4"	18' 6"	16' 2"	22' 10"	20' 9" ⁱ	18' 2" ⁱ
725S250-54	23' 3"	21' 2"	18' 6"	26' 2" ⁱ	23' 9" ⁱ	20' 9" ⁱ	21' 2"	19' 3"	16' 9"	23' 9"	21' 7" ⁱ	18' 10" ⁱ
725S162-68	23' 0"	20' 11"	18' 3"	25' 10"	23' 5"	20' 6" ⁱ	20' 11"	19' 0"	16' 7"	23' 5"	21' 4"	18' 7"
725S200-68	24' 1"	21' 11"	19' 2"	27' 1"	24' 7"	21' 6" ⁱ	21' 11"	19' 11"	17' 5"	24' 7"	22' 4"	19' 6"
725S250-68	25' 3"	22' 11"	20' 0"	28' 4"	25' 9"	22' 6" ⁱ	22' 11"	20' 10"	18' 2"	25' 9"	23' 4"	20' 5" ⁱ
725S162-97	25' 8"	23' 4"	20' 4"	28' 10"	26' 2"	22' 10"	23' 4"	21' 2"	18' 6"	26' 2"	23' 9"	20' 9"
725S200-97	26' 11"	24' 5"	21' 4"	30' 3"	27' 6"	24' 0"	24' 5"	22' 3"	19' 5"	27' 6"	24' 11"	21' 9"
725S250-97	28' 2"	25' 7"	22' 4"	31' 7"	28' 9"	25' 1"	25' 7"	23' 3"	20' 4"	28' 9"	26' 1"	22' 10"
800S162-33	18' 1" ^e	15' 8" ^e	12' 9" ^e	17' 8" ^a	14' 5" ^a	10' 8" ^a	18' 0" ^e	15' 8" ^e	12' 9" ^e	17' 8" ^a	14' 5" ^a	10' 8" ^a
800S200-33	18' 11" ^e	16' 5" ^e	13' 4" ^e	18' 2" ^a	14' 9" ^a	10' 11" ^a	18' 10" ^e	16' 5" ^e	13' 4" ^e	18' 2" ^a	14' 9" ^a	10' 11" ^a
800S162-43	21' 7"	19' 5" ^e	15' 10" ^e	22' 5" ⁱ	19' 5" ⁱ	15' 10" ⁱ	19' 7"	17' 9"	15' 6" ^e	22' 0" ⁱ	19' 5" ⁱ	15' 10" ⁱ
800S200-43	22' 7"	20' 5" ^e	16' 8" ^e	23' 7" ⁱ	20' 5" ⁱ	16' 8" ^a	20' 6"	18' 7" ^e	16' 3" ^e	23' 0" ⁱ	20' 5" ⁱ	16' 8" ^a
800S250-43	23' 6"	20' 8" ^e	16' 11" ^e	23' 11" ⁱ	20' 8" ⁱ	16' 11" ^a	21' 4"	19' 5" ^e	16' 11" ^e	23' 11" ⁱ	20' 8" ⁱ	16' 11" ^a
800S162-54	23' 2"	21' 1"	18' 5"	26' 0" ⁱ	23' 8" ⁱ	20' 8" ⁱ	21' 1"	19' 1"	16' 8"	23' 8"	21' 6" ⁱ	18' 9" ⁱ
800S200-54	24' 3"	22' 0"	19' 3"	27' 3" ⁱ	24' 9" ⁱ	21' 7" ⁱ	22' 0"	20' 0"	17' 6"	24' 9"	22' 6" ⁱ	19' 8" ⁱ
800S250-54	25' 2"	22' 11"	20' 0"	28' 4" ⁱ	25' 9" ⁱ	22' 5" ⁱ	22' 11"	20' 10"	18' 2"	25' 9"	23' 4" ⁱ	20' 5" ⁱ

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 20 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
800S162-68	24' 11"	22' 8"	19' 9"	28' 0"	25' 5"	22' 2" ⁱ	22' 8"	20' 7"	17' 11"	25' 5"	23' 1"	20' 2"
800S200-68	26' 1"	23' 8"	20' 8"	29' 4"	26' 7"	23' 3" ⁱ	23' 8"	21' 6"	18' 10"	26' 7"	24' 2"	21' 1"
800S250-68	27' 3"	24' 9"	21' 7"	30' 7"	27' 9" ⁱ	24' 3" ⁱ	24' 9"	22' 6"	19' 8"	27' 9"	25' 3"	22' 1" ⁱ
800S162-97	27' 10"	25' 3"	22' 1"	31' 3"	28' 4"	24' 9"	25' 3"	22' 11"	20' 0"	28' 4"	25' 9"	22' 6"
800S200-97	29' 2"	26' 6"	23' 1"	32' 9"	29' 9"	26' 0"	26' 6"	24' 1"	21' 0"	29' 9"	27' 0"	23' 7"
800S250-97	30' 5"	27' 8"	24' 2"	34' 2"	31' 1"	27' 1"	27' 8"	25' 1"	21' 11"	31' 1"	28' 2"	24' 8"
925S162-43	24' 0" ^e	20' 10" ^e	17' 0" ^e	24' 0" ⁱ	20' 10" ⁱ	16' 8" ^a	22' 1"	20' 0" ^e	17' 0" ^e	24' 0" ⁱ	20' 10" ⁱ	16' 8" ^a
925S200-43	25' 2" ^e	21' 10" ^e	17' 10" ^e	25' 2" ⁱ	21' 10" ⁱ	17' 2" ^a	23' 0" ^e	20' 11" ^e	17' 10" ^e	25' 2" ⁱ	21' 10" ⁱ	17' 2" ^a
925S250-43	25' 7" ^e	22' 1" ^e	18' 1" ^e	25' 7" ⁱ	22' 1" ⁱ	17' 4" ^a	24' 0" ^e	21' 9" ^e	18' 1" ^e	25' 7" ⁱ	22' 1" ⁱ	17' 4" ^a
925S162-54	26' 1"	23' 9"	20' 9"	29' 4" ⁱ	26' 8" ⁱ	23' 0" ⁱ	23' 9"	21' 7"	18' 10"	26' 8" ⁱ	24' 2" ⁱ	21' 2" ⁱ
925S200-54	27' 3"	24' 9"	21' 8"	30' 7" ⁱ	27' 10" ⁱ	23' 8" ⁱ	24' 9"	22' 6"	19' 8"	27' 10" ⁱ	25' 3" ⁱ	22' 1" ⁱ
925S250-54	28' 4"	25' 9"	22' 6"	31' 10" ⁱ	28' 11" ⁱ	24' 1" ⁱ	25' 9"	23' 4"	20' 5"	28' 11" ⁱ	26' 3" ⁱ	22' 11" ⁱ
925S162-68	28' 1"	25' 6"	22' 3"	31' 6"	28' 8"	25' 0" ⁱ	25' 6"	23' 2"	20' 3"	28' 8"	26' 0"	22' 9" ⁱ
925S200-68	29' 4"	26' 8"	23' 3"	32' 11"	29' 11" ⁱ	26' 2" ⁱ	26' 8"	24' 3"	21' 2"	29' 11"	27' 2"	23' 9" ⁱ
925S250-68	30' 7"	27' 9"	24' 3"	34' 4"	31' 2" ⁱ	27' 3" ⁱ	27' 9"	25' 3"	22' 0"	31' 2"	28' 4"	24' 9" ⁱ
925S162-97	31' 4"	28' 6"	24' 11"	35' 3"	32' 0"	27' 11"	28' 6"	25' 11"	22' 7"	32' 0"	29' 1"	25' 5"
925S200-97	32' 9"	29' 9"	26' 0"	36' 10"	33' 5"	29' 3"	29' 9"	27' 1"	23' 8"	33' 5"	30' 5"	26' 6"
925S250-97	34' 2"	31' 0"	27' 1"	38' 4"	34' 10"	30' 5"	31' 0"	28' 2"	24' 7"	34' 10"	31' 8"	27' 8"
1000S162-43	24' 10" ^e	21' 6" ^e	17' 7" ^e	24' 10" ^a	21' 6" ^a	16' 6" ^a	23' 6" ^e	21' 4" ^e	17' 7" ^e	24' 10" ^a	21' 6" ^a	16' 6" ^a
1000S200-43	26' 1" ^e	22' 7" ^e	18' 5" ^e	26' 1" ^a	22' 7" ^a	17' 0" ^a	24' 6" ^e	22' 3" ^e	18' 5" ^e	26' 1" ^a	22' 7" ^a	17' 0" ^a
1000S250-43	26' 6" ^e	22' 11" ^e	18' 9" ^e	26' 6" ^a	22' 9" ^a	17' 1" ^a	25' 6" ^e	22' 11" ^e	18' 9" ^e	26' 6" ^a	22' 9" ^a	17' 1" ^a
1000S162-54	27' 10"	25' 4"	22' 1"	31' 3" ⁱ	28' 5" ⁱ	23' 10" ⁱ	25' 4"	23' 0"	20' 1"	28' 5" ⁱ	25' 10" ⁱ	22' 6" ⁱ
1000S200-54	29' 1"	26' 5"	23' 1"	32' 7" ⁱ	29' 8" ⁱ	24' 6" ⁱ	26' 5"	24' 0"	20' 11"	29' 8" ⁱ	26' 11" ⁱ	23' 6" ⁱ
1000S250-54	30' 2"	27' 5"	23' 11"	33' 11" ⁱ	30' 7" ⁱ	25' 0" ⁱ	27' 5"	24' 11"	21' 9"	30' 9" ⁱ	28' 0" ⁱ	24' 5" ⁱ
1000S162-68	30' 0"	27' 3"	23' 9"	33' 8"	30' 7" ⁱ	26' 8" ⁱ	27' 3"	24' 9"	21' 7"	30' 7"	27' 9"	24' 3" ⁱ
1000S200-68	31' 3"	28' 5"	24' 10"	35' 1"	31' 11" ⁱ	27' 10" ⁱ	28' 5"	25' 10"	22' 6"	31' 11"	29' 0"	25' 4" ⁱ
1000S250-68	32' 6"	29' 6"	25' 10"	36' 6" ⁱ	33' 2" ⁱ	29' 0" ⁱ	29' 6"	26' 10"	23' 5"	33' 2"	30' 2" ⁱ	26' 4" ⁱ
1000S162-97	33' 6"	30' 5"	26' 7"	37' 7"	34' 2"	29' 10"	30' 5"	27' 7"	24' 2"	34' 2"	31' 0"	27' 1"
1000S200-97	34' 11"	31' 9"	27' 9"	39' 3"	35' 8"	31' 2"	31' 9"	28' 10"	25' 2"	35' 8"	32' 5"	28' 3"
1000S250-97	36' 4"	33' 0"	28' 10"	40' 10"	37' 1"	32' 5"	33' 0"	30' 0"	26' 3"	37' 1"	33' 8"	29' 5"
1150S162-54	31' 4"	28' 5"	24' 10" ^e	35' 2" ⁱ	31' 1" ⁱ	25' 5" ⁱ	28' 5"	25' 10"	22' 7" ^e	31' 11" ⁱ	29' 0" ⁱ	25' 4" ⁱ
1150S200-54	32' 7"	29' 7"	25' 10" ^e	36' 7" ⁱ	32' 1" ⁱ	26' 0" ⁱ	29' 7"	26' 11"	23' 6" ^e	33' 3" ⁱ	30' 2" ⁱ	26' 0" ⁱ
1150S250-54	33' 9"	30' 8"	26' 8" ^e	37' 9" ⁱ	32' 8" ⁱ	26' 4" ⁱ	30' 8"	27' 11"	24' 4" ^e	34' 6" ⁱ	31' 4" ⁱ	26' 4" ⁱ
1150S162-68	33' 8"	30' 7"	26' 9"	37' 10" ⁱ	34' 5" ⁱ	30' 0" ⁱ	30' 7"	27' 10"	24' 3"	34' 5"	31' 3" ⁱ	27' 3" ⁱ
1150S200-68	35' 1"	31' 10"	27' 10"	39' 5" ⁱ	35' 9" ⁱ	31' 3" ⁱ	31' 10"	28' 11"	25' 3"	35' 9"	32' 6" ⁱ	28' 5" ⁱ
1150S250-68	36' 5"	33' 1"	28' 11"	40' 10" ⁱ	37' 1" ⁱ	31' 7" ⁱ	33' 1"	30' 0"	26' 3"	37' 1" ⁱ	33' 9" ⁱ	29' 5" ⁱ
1150S162-97	37' 8"	34' 3"	29' 11"	42' 4"	38' 5"	33' 7"	34' 3"	31' 1"	27' 2"	38' 5"	34' 11"	30' 6"
1150S200-97	39' 3"	35' 8"	31' 1"	44' 0"	40' 0"	34' 11"	35' 8"	32' 4"	28' 3"	40' 0"	36' 4"	31' 9"
1150S250-97	40' 9"	37' 0"	32' 4"	45' 9"	41' 6"	36' 3"	37' 0"	33' 7"	29' 4"	41' 6"	37' 9"	33' 0"
1200S162-54	32' 5" ^e	29' 6" ^e	25' 9" ^e	36' 5" ^a	31' 9" ^a	25' 5" ^a	29' 6" ^e	26' 9" ^e	23' 5" ^e	33' 1" ^a	30' 1" ^a	25' 5" ^a
1200S200-54	33' 9" ^e	30' 8" ^e	26' 8" ^e	37' 9" ^a	32' 8" ^a	25' 11" ^a	30' 8" ^e	27' 10" ^e	24' 4" ^e	34' 5" ^a	31' 3" ^a	25' 11" ^a
1200S250-54	35' 0" ^e	31' 9" ^e	27' 3" ^e	38' 7" ^a	33' 5" ^a	26' 3" ^a	31' 9" ^e	28' 10" ^e	25' 3" ^e	35' 8" ^a	32' 5" ^a	26' 3" ^a
1200S162-68	34' 11"	31' 9"	27' 9"	39' 3" ⁱ	35' 8" ⁱ	31' 2" ⁱ	31' 9"	28' 10"	25' 2"	35' 8"	32' 4" ⁱ	28' 3" ⁱ
1200S200-68	36' 4"	33' 0"	28' 10"	40' 9" ⁱ	37' 1" ⁱ	32' 4" ⁱ	33' 0"	30' 0"	26' 2"	37' 1"	33' 8" ⁱ	29' 5" ⁱ
1200S250-68	37' 8"	34' 3"	29' 11"	42' 4" ⁱ	38' 5" ⁱ	32' 3" ⁱ	34' 3"	31' 1"	27' 2"	38' 5" ⁱ	34' 11" ⁱ	30' 6" ⁱ
1200S162-97	39' 1"	35' 6"	31' 0"	43' 10"	39' 10"	34' 10"	35' 6"	32' 3"	28' 2"	39' 10"	36' 2"	31' 7"
1200S200-97	40' 8"	36' 11"	32' 3"	45' 7"	41' 5"	36' 2"	36' 11"	33' 6"	29' 3"	41' 5"	37' 8"	32' 11"
1200S250-97	42' 2"	38' 4"	33' 5"	47' 4"	43' 0"	37' 7"	38' 4"	34' 10"	30' 5"	43' 0"	39' 1"	34' 2"

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 20 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
1350S162-68	38' 7"	35' 1"	30' 8"	43' 4" ⁱ	39' 5" ⁱ	33' 0" ⁱ	35' 1"	31' 10"	27' 10"	39' 5" ⁱ	35' 9" ⁱ	31' 3" ⁱ
1350S200-68	40' 1"	36' 5"	31' 10"	45' 0" ⁱ	40' 11" ⁱ	34' 8" ⁱ	36' 5"	33' 1"	28' 11"	40' 11" ⁱ	37' 2" ⁱ	32' 5" ⁱ
1350S250-68	41' 6"	37' 8"	32' 11"	46' 7" ⁱ	41' 9" ⁱ	34' 1" ⁱ	37' 8"	34' 3"	29' 11"	42' 4" ⁱ	38' 5" ⁱ	33' 7" ⁱ
1350S162-97	43' 2"	39' 3"	34' 3"	48' 6"	44' 1"	38' 6" ⁱ	39' 3"	35' 8"	31' 2"	44' 1"	40' 0"	35' 0"
1350S200-97	44' 10"	40' 9"	35' 7"	50' 4"	45' 9"	39' 11" ⁱ	40' 9"	37' 0"	32' 4"	45' 9"	41' 7"	36' 4"
1350S250-97	46' 5"	42' 2"	36' 10"	52' 2"	47' 4"	41' 5" ⁱ	42' 2"	38' 4"	33' 6"	47' 4"	43' 0"	37' 7"
1400S162-68	39' 10"	36' 2"	31' 7"	44' 9" ⁱ	40' 8" ⁱ	33' 6" ⁱ	36' 2"	32' 11"	28' 9"	40' 8" ⁱ	36' 11" ⁱ	32' 3" ⁱ
1400S200-68	41' 4"	37' 6"	32' 9"	46' 5" ⁱ	42' 2" ⁱ	35' 3" ⁱ	37' 6"	34' 1"	29' 9"	42' 2" ⁱ	38' 3" ⁱ	33' 5" ⁱ
1400S250-68	42' 9"	38' 10"	33' 11"	48' 0" ⁱ	42' 5" ⁱ	34' 8" ⁱ	38' 10"	35' 3"	30' 10"	43' 7" ⁱ	39' 7" ⁱ	34' 7" ⁱ
1400S162-97	44' 7"	40' 6"	35' 4"	50' 1"	45' 6"	39' 9" ⁱ	40' 6"	36' 9"	32' 2"	45' 6"	41' 4"	36' 1"
1400S200-97	46' 3"	42' 0"	36' 8"	51' 11"	47' 2"	41' 2" ⁱ	42' 0"	38' 2"	33' 4"	47' 2"	42' 10"	37' 5"
1400S250-97	47' 10"	43' 6"	38' 0"	53' 9"	48' 10"	42' 8" ⁱ	43' 6"	39' 6"	34' 6"	48' 10"	44' 4"	38' 9" ⁱ

Table Footnotes:

- "e" Requires web stiffeners at end supports.
 "i" Requires web stiffeners at interior supports.
 "a" Requires web stiffeners at all supports.

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 30 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
600S162-33	13' 8" ^e	11' 10" ^e	9' 8" ^e	13' 8" ⁱ	11' 10" ^a	9' 3" ^a	12' 5" ^e	11' 4" ^e	9' 8" ^e	13' 8" ⁱ	11' 10" ^a	9' 3" ^a
600S200-33	14' 3" ^e	12' 4" ^e	10' 1" ^e	14' 3" ⁱ	12' 4" ^a	9' 6" ^a	13' 1" ^e	11' 10" ^e	10' 1" ^e	14' 3" ⁱ	12' 4" ^a	9' 6" ^a
600S162-43	14' 11" ^e	13' 7" ^e	11' 9" ^e	16' 7" ⁱ	14' 4" ⁱ	11' 9" ⁱ	13' 7" ^e	12' 4" ^e	10' 9" ^e	15' 3" ⁱ	13' 10" ⁱ	11' 9" ⁱ
600S200-43	15' 8" ^e	14' 3" ^e	11' 10" ^e	16' 9" ⁱ	14' 6" ⁱ	11' 10" ⁱ	14' 3" ^e	12' 11" ^e	11' 4" ^e	16' 0" ⁱ	14' 6" ⁱ	11' 10" ⁱ
600S250-43	16' 5" ^e	14' 11" ^e	12' 2" ^e	17' 3" ⁱ	14' 11" ⁱ	12' 2" ⁱ	14' 11" ^e	13' 7" ^e	11' 10" ^e	16' 9" ⁱ	14' 11" ⁱ	12' 2" ⁱ
600S162-54	16' 0" ^e	14' 7" ^e	12' 9" ^e	18' 0" ⁱ	16' 4" ⁱ	14' 3" ⁱ	14' 7" ^e	13' 3" ^e	11' 7" ^e	16' 4" ⁱ	14' 10" ⁱ	13' 0" ⁱ
600S200-54	16' 10" ^e	15' 4" ^e	13' 4" ^e	18' 11" ⁱ	17' 2" ⁱ	15' 0" ⁱ	15' 4" ^e	13' 11" ^e	12' 2" ^e	17' 2" ⁱ	15' 7" ⁱ	13' 8" ⁱ
600S250-54	17' 7" ^e	16' 0" ^e	13' 11" ^e	19' 9" ⁱ	17' 11" ⁱ	15' 8" ⁱ	16' 0" ^e	14' 6" ^e	12' 8" ^e	17' 11" ⁱ	16' 3" ⁱ	14' 3" ⁱ
600S162-68	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 4" ⁱ	17' 7" ⁱ	15' 4" ⁱ	15' 8" ^e	14' 3" ^e	12' 5" ^e	17' 7" ⁱ	16' 0" ⁱ	13' 11" ⁱ
600S200-68	18' 2" ^e	16' 6" ^e	14' 5" ^e	20' 4" ⁱ	18' 6" ⁱ	16' 2" ⁱ	16' 6" ^e	14' 11" ^e	13' 1" ^e	18' 6" ⁱ	16' 10" ⁱ	14' 8" ⁱ
600S250-68	19' 0" ^e	17' 3" ^e	15' 1" ^e	21' 4" ⁱ	19' 5" ⁱ	16' 11" ⁱ	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 5" ⁱ	17' 7" ⁱ	15' 5" ⁱ
600S162-97	19' 2" ^e	17' 5" ^e	15' 3" ^e	21' 7" ⁱ	19' 7" ⁱ	17' 1" ⁱ	17' 5" ^e	15' 10" ^e	13' 10" ^e	19' 7" ⁱ	17' 10" ⁱ	15' 6" ⁱ
600S200-97	20' 3" ^e	18' 4" ^e	16' 0" ^e	22' 8" ⁱ	20' 7" ⁱ	18' 0" ⁱ	18' 4" ^e	16' 8" ^e	14' 7" ^e	20' 7" ⁱ	18' 9" ⁱ	16' 4" ⁱ
600S250-97	21' 3" ^e	19' 3" ^e	16' 10" ^e	23' 10" ⁱ	21' 8" ⁱ	18' 11" ⁱ	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 8" ⁱ	19' 8" ⁱ	17' 2" ⁱ
725S162-33	15' 0" ^e	12' 11" ^e	10' 7" ^e	14' 8" ^a	11' 11" ^a	8' 10" ^a	14' 6" ^e	12' 11" ^e	10' 7" ^e	14' 8" ^a	11' 11" ^a	8' 10" ^a
725S200-33	15' 7" ^e	13' 6" ^e	11' 0" ^e	15' 0" ^a	12' 3" ^a	9' 0" ^a	15' 2" ^e	13' 6" ^e	11' 0" ^e	15' 0" ^a	12' 3" ^a	9' 0" ^a
725S162-43	17' 4" ^e	15' 9" ^e	13' 5" ^e	19' 0" ⁱ	16' 5" ⁱ	13' 5" ^a	15' 9" ^e	14' 4" ^e	12' 6" ^e	17' 9" ⁱ	16' 1" ⁱ	13' 5" ^a
725S200-43	18' 2" ^e	16' 6" ^e	13' 6" ^e	19' 1" ⁱ	16' 7" ⁱ	13' 6" ^a	16' 6" ^e	15' 0" ^e	13' 1" ^e	18' 7" ⁱ	16' 7" ⁱ	13' 6" ^a
725S250-43	19' 0" ^e	17' 0" ^e	13' 10" ^e	19' 8" ⁱ	17' 0" ⁱ	13' 10" ^a	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 5" ⁱ	17' 0" ⁱ	13' 10" ^a
725S162-54	18' 8" ^e	17' 0" ^e	14' 10" ^e	21' 0" ⁱ	19' 1" ⁱ	16' 8" ⁱ	17' 0" ^e	15' 5" ^e	13' 5" ^e	19' 1" ⁱ	17' 4" ⁱ	15' 1" ⁱ
725S200-54	19' 7" ^e	17' 9" ^e	15' 6" ^e	22' 0" ⁱ	20' 0" ⁱ	17' 5" ⁱ	17' 9" ^e	16' 2" ^e	14' 1" ^e	20' 0" ⁱ	18' 2" ⁱ	15' 10" ⁱ
725S250-54	20' 4" ^e	18' 6" ^e	16' 2" ^e	22' 10" ⁱ	20' 9" ⁱ	18' 1" ⁱ	18' 6" ^e	16' 9" ^e	14' 8" ^e	20' 9" ⁱ	18' 10" ⁱ	16' 5" ⁱ
725S162-68	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 7" ⁱ	20' 6" ⁱ	17' 11" ⁱ	18' 3" ^e	16' 7" ^e	14' 6" ^e	20' 6" ⁱ	18' 7" ⁱ	16' 3" ⁱ
725S200-68	21' 1" ^e	19' 2" ^e	16' 8" ^e	23' 8" ⁱ	21' 6" ⁱ	18' 9" ⁱ	19' 2" ^e	17' 5" ^e	15' 2" ^e	21' 6" ⁱ	19' 6" ⁱ	17' 1" ⁱ
725S250-68	22' 0" ^e	20' 0" ^e	17' 6" ^e	24' 9" ⁱ	22' 6" ⁱ	19' 7" ⁱ	20' 0" ^e	18' 2" ^e	15' 10" ^e	22' 6" ⁱ	20' 5" ⁱ	17' 10" ⁱ
725S162-97	22' 5" ^e	20' 4" ^e	17' 9" ^e	25' 2" ⁱ	22' 10" ⁱ	19' 11" ⁱ	20' 4" ^e	18' 6" ^e	16' 2" ^e	22' 10" ⁱ	20' 9" ⁱ	18' 2" ⁱ
725S200-97	23' 6" ^e	21' 4" ^e	18' 8" ^e	26' 5" ⁱ	24' 0" ⁱ	20' 11" ⁱ	21' 4" ^e	19' 5" ^e	16' 11" ^e	24' 0" ⁱ	21' 9" ⁱ	19' 0" ⁱ
725S250-97	24' 7" ^e	22' 4" ^e	19' 6" ^e	27' 7" ⁱ	25' 1" ⁱ	21' 11" ⁱ	22' 4" ^e	20' 4" ^e	17' 9" ^e	25' 1" ⁱ	22' 10" ⁱ	19' 11" ⁱ
800S162-33	15' 8" ^e	13' 7" ^e	11' 1" ^e	14' 5" ^a	11' 8" ^a	8' 7" ^a	15' 8" ^e	13' 7" ^e	11' 1" ^e	14' 5" ^a	11' 8" ^a	8' 7" ^a
800S200-33	16' 5" ^e	14' 2" ^e	11' 4" ^e	14' 9" ^a	11' 11" ^a	8' 9" ^a	16' 5" ^e	14' 2" ^e	11' 4" ^e	14' 9" ^a	11' 11" ^a	8' 9" ^a
800S162-43	18' 10" ^e	16' 10" ^e	13' 9" ^e	19' 5" ⁱ	16' 10" ⁱ	13' 9" ^a	17' 1" ^e	15' 6" ^e	13' 7" ^e	19' 2" ⁱ	16' 10" ⁱ	13' 9" ^a
800S200-43	19' 8" ^e	17' 8" ^e	14' 5" ^e	20' 5" ⁱ	17' 8" ⁱ	14' 4" ^a	17' 11" ^e	16' 3" ^e	14' 2" ^e	20' 1" ⁱ	17' 8" ⁱ	14' 4" ^a
800S250-43	20' 7" ^e	17' 11" ^e	14' 7" ^e	20' 8" ⁱ	17' 11" ⁱ	14' 5" ^a	18' 8" ^e	16' 11" ^e	14' 7" ^e	20' 8" ⁱ	17' 11" ⁱ	14' 5" ^a
800S162-54	20' 3" ^e	18' 5" ^e	16' 1" ^e	22' 9" ⁱ	20' 8" ⁱ	18' 0" ⁱ	18' 5" ^e	16' 8" ^e	14' 7" ^e	20' 8" ⁱ	18' 9" ⁱ	16' 5" ⁱ
800S200-54	21' 2" ^e	19' 3" ^e	16' 10" ^e	23' 9" ⁱ	21' 7" ⁱ	18' 10" ⁱ	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 7" ⁱ	19' 8" ⁱ	17' 2" ⁱ
800S250-54	22' 0" ^e	20' 0" ^e	17' 6" ^e	24' 9" ⁱ	22' 5" ⁱ	19' 6" ⁱ	20' 0" ^e	18' 2" ^e	15' 10" ^e	22' 5" ⁱ	20' 5" ⁱ	17' 10" ⁱ
800S162-68	21' 9" ^e	19' 9" ^e	17' 3" ^e	24' 5" ⁱ	22' 2" ⁱ	19' 5" ⁱ	19' 9" ^e	17' 11" ^e	15' 8" ^e	22' 2" ⁱ	20' 2" ⁱ	17' 7" ⁱ
800S200-68	22' 9" ^e	20' 8" ^e	18' 1" ^e	25' 7" ⁱ	23' 3" ⁱ	20' 4" ⁱ	20' 8" ^e	18' 10" ^e	16' 5" ^e	23' 3" ⁱ	21' 1" ⁱ	18' 5" ⁱ
800S250-68	23' 9" ^e	21' 7" ^e	18' 10" ^e	26' 9" ⁱ	24' 3" ⁱ	21' 2" ⁱ	21' 7" ^e	19' 8" ^e	17' 2" ^e	24' 3" ⁱ	22' 1" ⁱ	19' 3" ⁱ
800S162-97	24' 3" ^e	22' 1" ^e	19' 3" ^e	27' 3" ⁱ	24' 9" ⁱ	21' 8" ⁱ	22' 1" ^e	20' 0" ^e	17' 6" ^e	24' 9" ⁱ	22' 6" ⁱ	19' 8" ⁱ
800S200-97	25' 5" ^e	23' 1" ^e	20' 2" ^e	28' 7" ⁱ	26' 0" ⁱ	22' 8" ⁱ	23' 1" ^e	21' 0" ^e	18' 4" ^e	26' 0" ⁱ	23' 7" ⁱ	20' 7" ⁱ
800S250-97	26' 7" ^e	24' 2" ^e	21' 1" ^e	29' 10" ⁱ	27' 1" ⁱ	23' 8" ⁱ	24' 2" ^e	21' 11" ^e	19' 2" ^e	27' 1" ⁱ	24' 8" ⁱ	21' 6" ⁱ
925S162-43	20' 10" ^e	18' 0" ^e	14' 8" ^e	20' 10" ⁱ	18' 0" ^a	13' 8" ^a	19' 3" ^e	17' 6" ^e	14' 8" ^e	20' 10" ⁱ	18' 0" ^a	13' 8" ^a
925S200-43	21' 10" ^e	18' 11" ^e	15' 5" ^e	21' 10" ⁱ	18' 8" ^a	14' 0" ^a	20' 1" ^e	18' 3" ^e	15' 5" ^e	21' 10" ⁱ	18' 8" ^a	14' 0" ^a
925S250-43	22' 1" ^e	19' 2" ^e	15' 8" ^e	22' 1" ⁱ	18' 10" ^a	14' 1" ^a	20' 11" ^e	19' 0" ^e	15' 8" ^e	22' 1" ⁱ	18' 10" ^a	14' 1" ^a
925S162-54	22' 10" ^e	20' 9" ^e	18' 1" ^e	25' 7" ⁱ	23' 3" ⁱ	19' 11" ⁱ	20' 9" ^e	18' 10" ^e	16' 5" ^e	23' 3" ⁱ	21' 2" ⁱ	18' 5" ⁱ
925S200-54	23' 10" ^e	21' 8" ^e	18' 11" ^e	26' 9" ⁱ	24' 3" ⁱ	20' 6" ⁱ	21' 8" ^e	19' 8" ^e	17' 2" ^e	24' 3" ⁱ	22' 1" ⁱ	19' 3" ⁱ
925S250-54	24' 9" ^e	22' 6" ^e	19' 8" ^e	27' 9" ⁱ	25' 3" ⁱ	20' 10" ⁱ	22' 6" ^e	20' 5" ^e	17' 10" ^e	25' 3" ⁱ	22' 11" ⁱ	20' 0" ⁱ
925S162-68	24' 6" ^e	22' 3" ^e	19' 6" ^e	27' 7" ⁱ	25' 0" ⁱ	21' 10" ⁱ	22' 3" ^e	20' 3" ^e	17' 8" ^e	25' 0" ⁱ	22' 9" ⁱ	19' 10" ⁱ
925S200-68	25' 7" ^e	23' 3" ^e	20' 4" ^e	28' 9" ⁱ	26' 2" ⁱ	22' 10" ⁱ	23' 3" ^e	21' 2" ^e	18' 6" ^e	26' 2" ⁱ	23' 9" ⁱ	20' 9" ⁱ
925S250-68	26' 8" ^e	24' 3" ^e	21' 2" ^e	30' 0" ⁱ	27' 3" ⁱ	23' 9" ⁱ	24' 3" ^e	22' 0" ^e	19' 3" ^e	27' 3" ⁱ	24' 9" ⁱ	21' 7" ⁱ
925S162-97	27' 5" ^e	24' 11" ^e	21' 9" ^e	30' 9" ⁱ	27' 11" ⁱ	24' 5" ⁱ	24' 11" ^e	22' 7" ^e	19' 9" ^e	27' 11" ⁱ	25' 5" ⁱ	22' 2" ⁱ
925S200-97	28' 8" ^e	26' 0" ^e	22' 9" ^e	32' 2" ⁱ	29' 3" ⁱ	25' 6" ⁱ	26' 0" ^e	23' 8" ^e	20' 8" ^e	29' 3" ⁱ	26' 6" ⁱ	23' 2" ⁱ
925S250-97	29' 10" ^e	27' 1" ^e	23' 8" ^e	33' 6" ⁱ	30' 5" ⁱ	26' 7" ⁱ	27' 1" ^e	24' 7" ^e	21' 6" ^e	30' 5" ⁱ	27' 8" ⁱ	24' 2" ⁱ

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 30 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
1000S162-43	21' 6" ^e	18' 8" ^e	15' 3" ^e	21' 6" ^a	17' 11" ^a	13' 5" ^a	20' 7" ^e	18' 8" ^e	15' 3" ^e	21' 6" ^a	17' 11" ^a	13' 5" ^a
1000S200-43	22' 7" ^e	19' 7" ^e	16' 0" ^e	22' 7" ^a	18' 6" ^a	13' 9" ^a	21' 5" ^e	19' 5" ^e	16' 0" ^e	22' 7" ^a	18' 6" ^a	13' 9" ^a
1000S250-43	22' 11" ^e	19' 10" ^e	16' 3" ^e	22' 9" ^a	18' 7" ^a	13' 10" ^a	22' 3" ^e	19' 10" ^e	16' 3" ^e	22' 9" ^a	18' 7" ^a	13' 10" ^a
1000S162-54	24' 4" ^e	22' 1" ^e	19' 4" ^e	27' 4" ⁱ	24' 10" ⁱ	20' 8" ⁱ	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 10" ⁱ	22' 6" ⁱ	19' 8" ⁱ
1000S200-54	25' 4" ^e	23' 1" ^e	20' 1" ^e	28' 6" ⁱ	25' 11" ⁱ	21' 2" ⁱ	23' 1" ^e	20' 11" ^e	18' 3" ^e	25' 11" ⁱ	23' 6" ⁱ	20' 6" ⁱ
1000S250-54	26' 4" ^e	23' 11" ^e	20' 11" ^e	29' 7" ⁱ	26' 6" ⁱ	21' 7" ⁱ	23' 11" ^e	21' 9" ^e	19' 0" ^e	26' 11" ⁱ	24' 5" ⁱ	21' 4" ⁱ
1000S162-68	26' 2" ^e	23' 9" ^e	20' 9" ^e	29' 5" ⁱ	26' 8" ⁱ	23' 4" ⁱ	23' 9" ^e	21' 7" ^e	18' 10" ^e	26' 8" ⁱ	24' 3" ⁱ	21' 2" ⁱ
1000S200-68	27' 4" ^e	24' 10" ^e	21' 8" ^e	30' 8" ⁱ	27' 10" ⁱ	24' 4" ⁱ	24' 10" ^e	22' 6" ^e	19' 8" ^e	27' 10" ⁱ	25' 4" ⁱ	22' 1" ⁱ
1000S250-68	28' 5" ^e	25' 10" ^e	22' 6" ^e	31' 11" ⁱ	29' 0" ⁱ	25' 4" ⁱ	25' 10" ^e	23' 5" ^e	20' 6" ^e	29' 0" ⁱ	26' 4" ⁱ	23' 0" ⁱ
1000S162-97	29' 3" ^e	26' 7" ^e	23' 2" ^e	32' 10" ⁱ	29' 10" ⁱ	26' 1" ⁱ	26' 7" ^e	24' 2" ^e	21' 1" ^e	29' 10" ⁱ	27' 1" ⁱ	23' 8" ⁱ
1000S200-97	30' 6" ^e	27' 9" ^e	24' 3" ^e	34' 3" ⁱ	31' 2" ⁱ	27' 2" ⁱ	27' 9" ^e	25' 2" ^e	22' 0" ^e	31' 2" ⁱ	28' 3" ⁱ	24' 8" ⁱ
1000S250-97	31' 9" ^e	28' 10" ^e	25' 2" ^e	35' 8" ⁱ	32' 5" ⁱ	28' 4" ⁱ	28' 10" ^e	26' 3" ^e	22' 11" ^e	32' 5" ⁱ	29' 5" ⁱ	25' 9" ⁱ
1150S162-54	27' 4" ^e	24' 10" ^e	21' 8" ^e	30' 8" ⁱ	26' 11" ⁱ	20' 11" ⁱ	24' 10" ^e	22' 7" ^e	19' 8" ^e	27' 11" ⁱ	25' 4" ⁱ	20' 11" ⁱ
1150S200-54	28' 5" ^e	25' 10" ^e	22' 7" ^e	31' 11" ⁱ	27' 9" ⁱ	21' 3" ⁱ	25' 10" ^e	23' 6" ^e	20' 6" ^e	29' 0" ⁱ	26' 4" ⁱ	21' 3" ⁱ
1150S250-54	29' 6" ^e	26' 10" ^e	23' 1" ^e	32' 8" ⁱ	28' 4" ⁱ	21' 6" ⁱ	26' 10" ^e	24' 4" ^e	21' 3" ^e	30' 1" ⁱ	27' 4" ⁱ	21' 6" ⁱ
1150S162-68	29' 5" ^e	26' 9" ^e	23' 4" ^e	33' 1" ⁱ	30' 0" ⁱ	26' 3" ⁱ	26' 9" ^e	24' 3" ^e	21' 3" ^e	30' 0" ⁱ	27' 3" ⁱ	23' 10" ⁱ
1150S200-68	30' 8" ^e	27' 10" ^e	24' 4" ^e	34' 5" ⁱ	31' 3" ⁱ	27' 3" ⁱ	27' 10" ^e	25' 3" ^e	22' 1" ^e	31' 3" ⁱ	28' 5" ⁱ	24' 9" ⁱ
1150S250-68	31' 9" ^e	28' 11" ^e	25' 3" ^e	35' 8" ⁱ	32' 5" ⁱ	27' 5" ⁱ	28' 11" ^e	26' 3" ^e	22' 11" ^e	32' 5" ⁱ	29' 5" ⁱ	25' 9" ⁱ
1150S162-97	32' 11" ^e	29' 11" ^e	26' 1" ^e	36' 11" ⁱ	33' 7" ⁱ	29' 4" ⁱ	29' 11" ^e	27' 2" ^e	23' 9" ^e	33' 7" ⁱ	30' 6" ⁱ	26' 8" ⁱ
1150S200-97	34' 3" ^e	31' 1" ^e	27' 2" ^e	38' 6" ⁱ	34' 11" ⁱ	30' 6" ⁱ	31' 1" ^e	28' 3" ^e	24' 8" ^e	34' 11" ⁱ	31' 9" ⁱ	27' 9" ⁱ
1150S250-97	35' 7" ^e	32' 4" ^e	28' 3" ^e	39' 11" ⁱ	36' 3" ⁱ	31' 8" ⁱ	32' 4" ^e	29' 4" ^e	25' 8" ^e	36' 3" ⁱ	33' 0" ⁱ	28' 9" ⁱ
1200S162-54	28' 4" ^e	25' 9" ^e	22' 5" ^e	31' 9" ^a	27' 6" ^a	20' 9" ^a	25' 9" ^e	23' 5" ^e	20' 5" ^e	28' 11" ^a	26' 3" ^a	20' 9" ^a
1200S200-54	29' 6" ^e	26' 9" ^e	23' 1" ^e	32' 8" ^a	28' 1" ^a	21' 1" ^a	26' 9" ^e	24' 4" ^e	21' 3" ^e	30' 1" ^a	27' 4" ^a	21' 1" ^a
1200S250-54	30' 7" ^e	27' 9" ^e	23' 7" ^e	33' 5" ^a	28' 6" ^a	21' 4" ^a	27' 9" ^e	25' 3" ^e	22' 0" ^e	31' 2" ^a	28' 4" ^a	21' 4" ^a
1200S162-68	30' 6" ^e	27' 9" ^e	24' 3" ^e	34' 3" ⁱ	31' 2" ⁱ	27' 1" ⁱ	27' 9" ^e	25' 2" ^e	22' 0" ^e	31' 2" ⁱ	28' 3" ⁱ	24' 8" ⁱ
1200S200-68	31' 9" ^e	28' 10" ^e	25' 2" ^e	35' 8" ⁱ	32' 4" ⁱ	28' 3" ⁱ	28' 10" ^e	26' 2" ^e	22' 10" ^e	32' 4" ⁱ	29' 5" ⁱ	25' 8" ⁱ
1200S250-68	32' 11" ^e	29' 11" ^e	26' 1" ^e	36' 11" ⁱ	33' 7" ⁱ	27' 11" ⁱ	29' 11" ^e	27' 2" ^e	23' 9" ^e	33' 7" ⁱ	30' 6" ⁱ	26' 8" ⁱ
1200S162-97	34' 1" ^e	31' 0" ^e	27' 1" ^e	38' 4" ⁱ	34' 10" ⁱ	30' 5" ⁱ	31' 0" ^e	28' 2" ^e	24' 7" ^e	34' 10" ⁱ	31' 7" ⁱ	27' 7" ⁱ
1200S200-97	35' 6" ^e	32' 3" ^e	28' 2" ^e	39' 10" ⁱ	36' 2" ⁱ	31' 7" ⁱ	32' 3" ^e	29' 3" ^e	25' 7" ^e	36' 2" ⁱ	32' 11" ⁱ	28' 9" ⁱ
1200S250-97	36' 10" ^e	33' 5" ^e	29' 3" ^e	41' 4" ⁱ	37' 7" ⁱ	32' 10" ⁱ	33' 5" ^e	30' 5" ^e	26' 7" ^e	37' 7" ⁱ	34' 2" ⁱ	29' 10" ⁱ
1350S162-68	33' 9" ^e	30' 8" ^e	26' 9" ^e	37' 11" ⁱ	34' 5" ⁱ	28' 6" ⁱ	30' 8" ^e	27' 10" ^e	24' 4" ^e	34' 5" ⁱ	31' 3" ⁱ	27' 4" ⁱ
1350S200-68	35' 0" ^e	31' 10" ^e	27' 9" ^e	39' 4" ⁱ	35' 8" ⁱ	30' 0" ⁱ	31' 10" ^e	28' 11" ^e	25' 3" ^e	35' 8" ⁱ	32' 5" ⁱ	28' 4" ⁱ
1350S250-68	36' 3" ^e	32' 11" ^e	28' 9" ^e	40' 8" ⁱ	36' 2" ⁱ	29' 6" ⁱ	32' 11" ^e	29' 11" ^e	26' 1" ^e	36' 11" ⁱ	33' 7" ⁱ	29' 4" ⁱ
1350S162-97	37' 9" ^e	34' 3" ^e	29' 11" ^e	42' 4" ⁱ	38' 6" ⁱ	33' 7" ⁱ	34' 3" ^e	31' 2" ^e	27' 2" ^e	38' 6" ⁱ	35' 0" ⁱ	30' 6" ⁱ
1350S200-97	39' 2" ^e	35' 7" ^e	31' 1" ^e	44' 0" ⁱ	39' 11" ⁱ	34' 11" ⁱ	35' 7" ^e	32' 4" ^e	28' 3" ^e	39' 11" ⁱ	36' 4" ⁱ	31' 8" ⁱ
1350S250-97	40' 7" ^e	36' 10" ^e	32' 2" ^e	45' 7" ⁱ	41' 5" ⁱ	36' 2" ⁱ	36' 10" ^e	33' 6" ^e	29' 3" ^e	41' 5" ⁱ	37' 7" ⁱ	32' 10" ⁱ
1400S162-68	34' 10" ^e	31' 7" ^e	27' 7" ^e	39' 1" ⁱ	35' 6" ⁱ	29' 0" ⁱ	31' 7" ^e	28' 9" ^e	25' 1" ^e	35' 6" ⁱ	32' 3" ⁱ	28' 2" ⁱ
1400S200-68	36' 1" ^e	32' 9" ^e	28' 8" ^e	40' 6" ⁱ	36' 10" ⁱ	30' 7" ⁱ	32' 9" ^e	29' 9" ^e	26' 0" ^e	36' 10" ⁱ	33' 5" ⁱ	29' 3" ⁱ
1400S250-68	37' 4" ^e	33' 11" ^e	29' 7" ^e	41' 11" ⁱ	36' 9" ⁱ	30' 0" ⁱ	33' 11" ^e	30' 10" ^e	26' 11" ^e	38' 1" ⁱ	34' 7" ⁱ	30' 0" ⁱ
1400S162-97	38' 11" ^e	35' 4" ^e	30' 11" ^e	43' 9" ⁱ	39' 9" ⁱ	34' 8" ⁱ	35' 4" ^e	32' 2" ^e	28' 1" ^e	39' 9" ⁱ	36' 1" ⁱ	31' 6" ⁱ
1400S200-97	40' 5" ^e	36' 8" ^e	32' 1" ^e	45' 4" ⁱ	41' 2" ⁱ	36' 0" ⁱ	36' 8" ^e	33' 4" ^e	29' 1" ^e	41' 2" ⁱ	37' 5" ⁱ	32' 8" ⁱ
1400S250-97	41' 10" ^e	38' 0" ^e	33' 2" ^e	46' 11" ⁱ	42' 8" ⁱ	37' 3" ⁱ	38' 0" ^e	34' 6" ^e	30' 2" ^e	42' 8" ⁱ	38' 9" ⁱ	33' 10" ⁱ

Table Footnotes:

- "e" Requires web stiffeners at end supports.
- "i" Requires web stiffeners at interior supports.
- "a" Requires web stiffeners at all supports.

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 40 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
600S162-33	12' 3" ^e	10' 7" ^e	8' 8" ^e	12' 3" ^a	10' 6" ^a	7' 10" ^a	11' 4" ^e	10' 3" ^e	8' 8" ^e	12' 3" ^a	10' 6" ^a	7' 10" ^a
600S200-33	12' 9" ^e	11' 1" ^e	9' 0" ^e	12' 9" ^a	10' 9" ^a	8' 1" ^a	11' 10" ^e	10' 9" ^e	9' 0" ^e	12' 9" ^a	10' 9" ^a	8' 1" ^a
600S162-43	13' 7" ^e	12' 4" ^e	10' 6" ^e	14' 10" ⁱ	12' 10" ⁱ	10' 6" ⁱ	12' 4" ^e	11' 2" ^e	9' 9" ^e	13' 10" ⁱ	12' 7" ⁱ	10' 6" ⁱ
600S200-43	14' 3" ^e	12' 11" ^e	10' 7" ^e	15' 0" ⁱ	13' 0" ⁱ	10' 7" ⁱ	12' 11" ^e	11' 9" ^e	10' 3" ^e	14' 6" ⁱ	13' 0" ⁱ	10' 7" ⁱ
600S250-43	14' 11" ^e	13' 4" ^e	10' 11" ^e	15' 5" ⁱ	13' 4" ⁱ	10' 11" ⁱ	13' 7" ^e	12' 4" ^e	10' 9" ^e	15' 3" ⁱ	13' 4" ⁱ	10' 11" ⁱ
600S162-54	14' 7" ^e	13' 3" ^e	11' 7" ^e	16' 4" ⁱ	14' 10" ⁱ	13' 0" ⁱ	13' 3" ^e	12' 0" ^e	10' 6" ^e	14' 10" ⁱ	13' 6" ⁱ	11' 9" ⁱ
600S200-54	15' 4" ^e	13' 11" ^e	12' 2" ^e	17' 2" ⁱ	15' 7" ⁱ	13' 8" ⁱ	13' 11" ^e	12' 8" ^e	11' 0" ^e	15' 7" ⁱ	14' 2" ⁱ	12' 5" ⁱ
600S250-54	16' 0" ^e	14' 6" ^e	12' 8" ^e	17' 11" ⁱ	16' 3" ⁱ	14' 3" ⁱ	14' 6" ^e	13' 2" ^e	11' 6" ^e	16' 3" ⁱ	14' 10" ⁱ	12' 11" ⁱ
600S162-68	15' 8" ^e	14' 3" ^e	12' 5" ^e	17' 7" ^e	16' 0" ^e	13' 11" ⁱ	14' 3" ^e	12' 11" ^e	11' 3" ^e	16' 0" ^e	14' 6" ^e	12' 8" ^e
600S200-68	16' 6" ^e	14' 11" ^e	13' 1" ^e	18' 6" ^e	16' 10" ^e	14' 8" ⁱ	14' 11" ^e	13' 7" ^e	11' 10" ^e	16' 10" ^e	15' 3" ^e	13' 4" ^e
600S250-68	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 5" ^e	17' 7" ⁱ	15' 5" ⁱ	15' 8" ^e	14' 3" ^e	12' 5" ^e	17' 7" ^e	16' 0" ^e	14' 0" ⁱ
600S162-97	17' 5" ^e	15' 10" ^e	13' 10" ^e	19' 7" ^e	17' 10" ^e	15' 6" ^e	15' 10" ^e	14' 5" ^e	12' 7" ^e	17' 10" ^e	16' 2" ^e	14' 1" ^e
600S200-97	18' 4" ^e	16' 8" ^e	14' 7" ^e	20' 7" ^e	18' 9" ^e	16' 4" ^e	16' 8" ^e	15' 2" ^e	13' 3" ^e	18' 9" ^e	17' 0" ^e	14' 10" ^e
600S250-97	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 8" ^e	19' 8" ^e	17' 2" ^e	17' 6" ^e	15' 11" ^e	13' 11" ^e	19' 8" ^e	17' 10" ^e	15' 7" ^e
725S162-33	13' 5" ^e	11' 7" ^e	9' 5" ^e	12' 6" ^a	10' 2" ^a	7' 5" ^a	13' 2" ^e	11' 7" ^e	9' 5" ^e	12' 6" ^a	10' 2" ^a	7' 5" ^a
725S200-33	14' 0" ^e	12' 1" ^e	9' 10" ^e	12' 10" ^a	10' 4" ^a	7' 7" ^a	13' 9" ^e	12' 1" ^e	9' 10" ^e	12' 10" ^a	10' 4" ^a	7' 7" ^a
725S162-43	15' 9" ^e	14' 4" ^e	12' 0" ^e	16' 11" ⁱ	14' 8" ⁱ	12' 0" ^a	14' 4" ^e	13' 0" ^e	11' 4" ^e	16' 1" ⁱ	14' 7" ⁱ	12' 0" ^a
725S200-43	16' 6" ^e	14' 10" ^e	12' 1" ^e	17' 1" ⁱ	14' 10" ⁱ	12' 1" ^a	15' 0" ^e	13' 8" ^e	11' 11" ^e	16' 10" ⁱ	14' 10" ⁱ	12' 1" ^a
725S250-43	17' 3" ^e	15' 2" ^e	12' 5" ^e	17' 7" ⁱ	15' 2" ⁱ	12' 5" ^a	15' 8" ^e	14' 3" ^e	12' 5" ^e	17' 7" ⁱ	15' 2" ⁱ	12' 5" ^a
725S162-54	17' 0" ^e	15' 5" ^e	13' 5" ^e	19' 1" ⁱ	17' 4" ⁱ	15' 1" ⁱ	15' 5" ^e	14' 0" ^e	12' 3" ^e	17' 4" ⁱ	15' 9" ⁱ	13' 9" ⁱ
725S200-54	17' 9" ^e	16' 2" ^e	14' 1" ^e	20' 0" ⁱ	18' 2" ⁱ	15' 10" ⁱ	16' 2" ^e	14' 8" ^e	12' 10" ^e	18' 2" ⁱ	16' 6" ⁱ	14' 5" ⁱ
725S250-54	18' 6" ^e	16' 9" ^e	14' 8" ^e	20' 9" ⁱ	18' 10" ⁱ	16' 5" ⁱ	16' 9" ^e	15' 3" ^e	13' 4" ^e	18' 10" ⁱ	17' 1" ⁱ	14' 11" ⁱ
725S162-68	18' 3" ^e	16' 7" ^e	14' 6" ^e	20' 6" ^e	18' 7" ^e	16' 3" ⁱ	16' 7" ^e	15' 1" ^e	13' 2" ^e	18' 7" ^e	16' 11" ^e	14' 9" ⁱ
725S200-68	19' 2" ^e	17' 5" ^e	15' 2" ^e	21' 6" ^e	19' 6" ⁱ	17' 1" ⁱ	17' 5" ^e	15' 9" ^e	13' 9" ^e	19' 6" ^e	17' 9" ^e	15' 6" ⁱ
725S250-68	20' 0" ^e	18' 2" ^e	15' 10" ^e	22' 6" ^e	20' 5" ⁱ	17' 10" ⁱ	18' 2" ^e	16' 6" ^e	14' 5" ^e	20' 5" ^e	18' 6" ^e	16' 2" ⁱ
725S162-97	20' 4" ^e	18' 6" ^e	16' 2" ^e	22' 10" ^e	20' 9" ^e	18' 2" ^e	18' 6" ^e	16' 9" ^e	14' 8" ^e	20' 9" ^e	18' 10" ^e	16' 6" ^e
725S200-97	21' 4" ^e	19' 5" ^e	16' 11" ^e	24' 0" ^e	21' 9" ^e	19' 0" ^e	19' 5" ^e	17' 7" ^e	15' 5" ^e	21' 9" ^e	19' 9" ^e	17' 3" ^e
725S250-97	22' 4" ^e	20' 4" ^e	17' 9" ^e	25' 1" ^e	22' 10" ^e	19' 11" ^e	20' 4" ^e	18' 5" ^e	16' 1" ^e	22' 10" ^e	20' 8" ^e	18' 1" ^e
800S162-33	14' 0" ^e	12' 2" ^e	9' 1" ^e	12' 3" ^a	9' 10" ^a	7' 2" ^a	14' 0" ^e	12' 2" ^e	9' 1" ^e	12' 3" ^a	9' 10" ^a	7' 2" ^a
800S200-33	14' 8" ^e	12' 8" ^e	9' 1" ^e	12' 6" ^a	10' 1" ^a	7' 3" ^a	14' 8" ^e	12' 8" ^e	9' 1" ^e	12' 6" ^a	10' 1" ^a	7' 3" ^a
800S162-43	17' 1" ^e	15' 1" ^e	12' 3" ^e	17' 5" ⁱ	15' 1" ^a	11' 11" ^a	15' 6" ^e	14' 1" ^e	12' 3" ^e	17' 5" ⁱ	15' 1" ^a	11' 11" ^a
800S200-43	17' 11" ^e	15' 10" ^e	12' 11" ^e	18' 3" ⁱ	15' 10" ^a	12' 3" ^a	16' 3" ^e	14' 9" ^e	12' 11" ^e	18' 3" ⁱ	15' 10" ^a	12' 3" ^a
800S250-43	18' 6" ^e	16' 0" ^e	13' 1" ^e	18' 6" ⁱ	16' 0" ^a	12' 4" ^a	16' 11" ^e	15' 5" ^e	13' 1" ^e	18' 6" ⁱ	16' 0" ^a	12' 4" ^a
800S162-54	18' 5" ^e	16' 8" ^e	14' 7" ^e	20' 8" ⁱ	18' 9" ⁱ	16' 5" ⁱ	16' 8" ^e	15' 2" ^e	13' 3" ^e	18' 9" ⁱ	17' 0" ⁱ	14' 10" ⁱ
800S200-54	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 7" ⁱ	19' 8" ⁱ	17' 2" ⁱ	17' 6" ^e	15' 10" ^e	13' 10" ^e	19' 8" ⁱ	17' 10" ⁱ	15' 7" ⁱ
800S250-54	20' 0" ^e	18' 2" ^e	15' 10" ^e	22' 5" ⁱ	20' 5" ⁱ	17' 5" ⁱ	18' 2" ^e	16' 6" ^e	14' 5" ^e	20' 5" ⁱ	18' 6" ⁱ	16' 2" ⁱ
800S162-68	19' 9" ^e	17' 11" ^e	15' 8" ^e	22' 2" ^e	20' 2" ⁱ	17' 7" ⁱ	17' 11" ^e	16' 4" ^e	14' 3" ^e	20' 2" ^e	18' 4" ^e	16' 0" ⁱ
800S200-68	20' 8" ^e	18' 10" ^e	16' 5" ^e	23' 3" ^e	21' 1" ⁱ	18' 5" ⁱ	18' 10" ^e	17' 1" ^e	14' 11" ^e	21' 1" ^e	19' 2" ^e	16' 9" ⁱ
800S250-68	21' 7" ^e	19' 8" ^e	17' 2" ^e	24' 3" ⁱ	22' 1" ⁱ	19' 3" ⁱ	19' 8" ^e	17' 10" ^e	15' 7" ^e	22' 1" ^e	20' 0" ⁱ	17' 6" ⁱ
800S162-97	22' 1" ^e	20' 0" ^e	17' 6" ^e	24' 9" ^e	22' 6" ^e	19' 8" ^e	20' 0" ^e	18' 2" ^e	15' 11" ^e	22' 6" ^e	20' 5" ^e	17' 10" ^e
800S200-97	23' 1" ^e	21' 0" ^e	18' 4" ^e	26' 0" ^e	23' 7" ^e	20' 7" ^e	21' 0" ^e	19' 1" ^e	16' 8" ^e	23' 7" ^e	21' 5" ^e	18' 9" ^e
800S250-97	24' 2" ^e	21' 11" ^e	19' 2" ^e	27' 1" ^e	24' 8" ^e	21' 6" ^e	21' 11" ^e	19' 11" ^e	17' 5" ^e	24' 8" ^e	22' 5" ^e	19' 7" ^e
925S162-43	18' 7" ^e	16' 1" ^e	13' 2" ^e	18' 7" ^a	15' 6" ^a	11' 7" ^a	17' 6" ^e	15' 11" ^e	13' 2" ^e	18' 7" ^a	15' 6" ^a	11' 7" ^a
925S200-43	19' 6" ^e	16' 11" ^e	13' 9" ^e	19' 6" ^a	15' 11" ^a	11' 11" ^a	18' 3" ^e	16' 7" ^e	13' 9" ^e	19' 6" ^a	15' 11" ^a	11' 11" ^a
925S250-43	19' 9" ^e	17' 1" ^e	14' 0" ^e	19' 8" ^a	16' 1" ^a	12' 0" ^a	19' 0" ^e	17' 1" ^e	14' 0" ^e	19' 8" ^a	16' 1" ^a	12' 0" ^a
925S162-54	20' 9" ^e	18' 10" ^e	16' 5" ^e	23' 3" ⁱ	21' 2" ⁱ	17' 10" ⁱ	18' 10" ^e	17' 1" ^e	14' 11" ^e	21' 2" ⁱ	19' 2" ⁱ	16' 9" ⁱ
925S200-54	21' 8" ^e	19' 8" ^e	17' 2" ^e	24' 3" ⁱ	22' 1" ⁱ	18' 4" ⁱ	19' 8" ^e	17' 10" ^e	15' 7" ^e	22' 1" ⁱ	20' 0" ⁱ	17' 6" ⁱ
925S250-54	22' 6" ^e	20' 5" ^e	17' 10" ^e	25' 3" ⁱ	22' 10" ⁱ	18' 8" ⁱ	20' 5" ^e	18' 7" ^e	16' 2" ^e	22' 11" ⁱ	20' 10" ⁱ	18' 2" ⁱ
925S162-68	22' 3" ^e	20' 3" ^e	17' 8" ^e	25' 0" ⁱ	22' 9" ⁱ	19' 10" ⁱ	20' 3" ^e	18' 5" ^e	16' 1" ^e	22' 9" ^e	20' 8" ⁱ	18' 0" ⁱ
925S200-68	23' 3" ^e	21' 2" ^e	18' 6" ^e	26' 2" ⁱ	23' 9" ⁱ	20' 9" ⁱ	21' 2" ^e	19' 2" ^e	16' 9" ^e	23' 9" ^e	21' 7" ⁱ	18' 10" ⁱ
925S250-68	24' 3" ^e	22' 0" ^e	19' 3" ^e	27' 3" ⁱ	24' 9" ⁱ	21' 7" ⁱ	22' 0" ^e	20' 0" ^e	17' 6" ^e	24' 9" ^e	22' 6" ⁱ	19' 7" ⁱ
925S162-97	24' 11" ^e	22' 7" ^e	19' 9" ^e	27' 11" ^e	25' 5" ^e	22' 2" ^e	22' 7" ^e	20' 6" ^e	17' 11" ^e	25' 5" ^e	23' 1" ^e	20' 2" ^e
925S200-97	26' 0" ^e	23' 8" ^e	20' 8" ^e	29' 3" ^e	26' 6" ^e	23' 2" ^e	23' 8" ^e	21' 6" ^e	18' 9" ^e	26' 6" ^e	24' 1" ^e	21' 1" ^e
925S250-97	27' 1" ^e	24' 7" ^e	21' 6" ^e	30' 5" ^e	27' 8" ^e	24' 2" ⁱ	24' 7" ^e	22' 4" ^e	19' 6" ^e	27' 8" ^e	25' 1" ^e	21' 11" ^e

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 40 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
1000S162-43	19' 3" ^e	16' 8" ^e	13' 7" ^e	18' 9" ^a	15' 4" ^a	11' 4" ^a	18' 8" ^e	16' 8" ^e	13' 7" ^e	18' 9" ^a	15' 4" ^a	11' 4" ^a
1000S200-43	20' 3" ^e	17' 6" ^e	14' 3" ^e	19' 4" ^a	15' 9" ^a	11' 7" ^a	19' 5" ^e	17' 6" ^e	14' 3" ^e	19' 4" ^a	15' 9" ^a	11' 7" ^a
1000S250-43	20' 6" ^e	17' 9" ^e	14' 6" ^e	19' 6" ^a	15' 10" ^a	11' 8" ^a	20' 3" ^e	17' 9" ^e	14' 6" ^e	19' 6" ^a	15' 10" ^a	11' 8" ^a
1000S162-54	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 10" ⁱ	22' 6" ⁱ	18' 3" ⁱ	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 6" ⁱ	20' 6" ⁱ	17' 11" ⁱ
1000S200-54	23' 1" ^e	20' 11" ^e	18' 3" ^e	25' 11" ⁱ	23' 3" ⁱ	18' 6" ⁱ	20' 11" ^e	19' 0" ^e	16' 7" ^e	23' 6" ⁱ	21' 4" ⁱ	18' 6" ⁱ
1000S250-54	23' 11" ^e	21' 9" ^e	19' 0" ^e	26' 11" ⁱ	23' 8" ⁱ	18' 9" ⁱ	21' 9" ^e	19' 9" ^e	17' 3" ^e	24' 5" ⁱ	22' 2" ⁱ	18' 9" ⁱ
1000S162-68	23' 9" ^e	21' 7" ^e	18' 10" ^e	26' 8" ⁱ	24' 3" ⁱ	21' 2" ⁱ	21' 7" ^e	19' 7" ^e	17' 2" ^e	24' 3" ⁱ	22' 0" ⁱ	19' 3" ⁱ
1000S200-68	24' 10" ^e	22' 6" ^e	19' 8" ^e	27' 10" ⁱ	25' 4" ⁱ	22' 1" ⁱ	22' 6" ^e	20' 6" ^e	17' 10" ^e	25' 4" ⁱ	23' 0" ⁱ	20' 1" ⁱ
1000S250-68	25' 10" ^e	23' 5" ^e	20' 6" ^e	29' 0" ⁱ	26' 4" ⁱ	23' 0" ⁱ	23' 5" ^e	21' 3" ^e	18' 7" ^e	26' 4" ⁱ	23' 11" ⁱ	20' 11" ⁱ
1000S162-97	26' 7" ^e	24' 2" ^e	21' 1" ^e	29' 10" ⁱ	27' 1" ⁱ	23' 8" ⁱ	24' 2" ^e	21' 11" ^e	19' 2" ^e	27' 1" ⁱ	24' 7" ⁱ	21' 6" ⁱ
1000S200-97	27' 9" ^e	25' 2" ^e	22' 0" ^e	31' 2" ⁱ	28' 3" ⁱ	24' 8" ⁱ	25' 2" ^e	22' 11" ^e	20' 0" ^e	28' 3" ⁱ	25' 8" ⁱ	22' 5" ⁱ
1000S250-97	28' 10" ^e	26' 3" ^e	22' 11" ^e	32' 5" ⁱ	29' 5" ⁱ	25' 9" ⁱ	26' 3" ^e	23' 10" ^e	20' 10" ^e	29' 5" ⁱ	26' 9" ⁱ	23' 4" ⁱ
1150S162-54	24' 10" ^e	22' 7" ^e	19' 8" ^e	27' 10" ⁱ	23' 9" ⁱ	17' 10" ⁱ	22' 7" ^e	20' 6" ^e	17' 11" ^e	25' 4" ⁱ	23' 0" ⁱ	17' 10" ⁱ
1150S200-54	25' 10" ^e	23' 6" ^e	20' 3" ^e	28' 8" ⁱ	24' 2" ⁱ	18' 1" ^a	23' 6" ^e	21' 4" ^e	18' 7" ^e	26' 4" ⁱ	23' 11" ⁱ	18' 1" ^a
1150S250-54	26' 10" ^e	24' 4" ^e	20' 8" ^e	29' 3" ⁱ	24' 6" ⁱ	18' 4" ^a	24' 4" ^e	22' 2" ^e	19' 4" ^e	27' 4" ⁱ	24' 6" ⁱ	18' 4" ^a
1150S162-68	26' 9" ^e	24' 3" ^e	21' 3" ^e	30' 0" ⁱ	27' 3" ⁱ	23' 10" ⁱ	24' 3" ^e	22' 1" ^e	19' 3" ^e	27' 3" ⁱ	24' 9" ⁱ	21' 8" ⁱ
1150S200-68	27' 10" ^e	25' 3" ^e	22' 1" ^e	31' 3" ⁱ	28' 5" ⁱ	24' 9" ⁱ	25' 3" ^e	23' 0" ^e	20' 1" ^e	28' 5" ⁱ	25' 9" ⁱ	22' 6" ⁱ
1150S250-68	28' 11" ^e	26' 3" ^e	22' 11" ^e	32' 5" ⁱ	29' 5" ⁱ	24' 6" ⁱ	26' 3" ^e	23' 10" ^e	20' 10" ^e	29' 5" ⁱ	26' 9" ⁱ	23' 4" ⁱ
1150S162-97	29' 11" ^e	27' 2" ^e	23' 9" ^e	33' 7" ⁱ	30' 6" ⁱ	26' 8" ⁱ	27' 2" ^e	24' 8" ^e	21' 6" ^e	30' 6" ⁱ	27' 8" ⁱ	24' 2" ⁱ
1150S200-97	31' 1" ^e	28' 3" ^e	24' 8" ^e	34' 11" ⁱ	31' 9" ⁱ	27' 9" ⁱ	28' 3" ^e	25' 8" ^e	22' 5" ^e	31' 9" ⁱ	28' 10" ⁱ	25' 2" ⁱ
1150S250-97	32' 4" ^e	29' 4" ^e	25' 8" ^e	36' 3" ⁱ	33' 0" ⁱ	28' 9" ⁱ	29' 4" ^e	26' 8" ^e	23' 3" ^e	33' 0" ⁱ	29' 11" ⁱ	26' 2" ⁱ
1200S162-54	25' 9" ^e	23' 5" ^e	20' 1" ^e	28' 5" ^a	23' 8" ^a	17' 8" ^a	23' 5" ^e	21' 3" ^e	18' 7" ^e	26' 3" ^a	23' 8" ^a	17' 8" ^a
1200S200-54	26' 9" ^e	24' 4" ^e	20' 8" ^e	29' 3" ^a	24' 1" ^a	17' 11" ^a	24' 4" ^e	22' 1" ^e	19' 3" ^e	27' 4" ^a	24' 1" ^a	17' 11" ^a
1200S250-54	27' 9" ^e	25' 3" ^e	21' 1" ^e	29' 9" ^a	24' 4" ^a	18' 1" ^a	25' 3" ^e	22' 11" ^e	20' 0" ^e	28' 4" ^a	24' 4" ^a	18' 1" ^a
1200S162-68	27' 9" ^e	25' 2" ^e	22' 0" ^e	31' 2" ⁱ	28' 3" ⁱ	24' 3" ⁱ	25' 2" ^e	22' 10" ^e	20' 0" ^e	28' 3" ⁱ	25' 8" ⁱ	22' 5" ⁱ
1200S200-68	28' 10" ^e	26' 2" ^e	22' 10" ^e	32' 4" ⁱ	29' 5" ⁱ	25' 6" ⁱ	26' 2" ^e	23' 9" ^e	20' 9" ^e	29' 5" ⁱ	26' 9" ⁱ	23' 4" ⁱ
1200S250-68	29' 11" ^e	27' 2" ^e	23' 9" ^e	33' 7" ⁱ	30' 6" ⁱ	25' 0" ⁱ	27' 2" ^e	24' 8" ^e	21' 7" ^e	30' 6" ⁱ	27' 8" ⁱ	24' 2" ⁱ
1200S162-97	31' 0" ^e	28' 2" ^e	24' 7" ^e	34' 10" ⁱ	31' 7" ⁱ	27' 7" ⁱ	28' 2" ^e	25' 7" ^e	22' 4" ^e	31' 7" ⁱ	28' 9" ⁱ	25' 1" ⁱ
1200S200-97	32' 3" ^e	29' 3" ^e	25' 7" ^e	36' 2" ⁱ	32' 11" ⁱ	28' 9" ⁱ	29' 3" ^e	26' 7" ^e	23' 3" ^e	32' 11" ⁱ	29' 11" ⁱ	26' 1" ⁱ
1200S250-97	33' 5" ^e	30' 5" ^e	26' 7" ^e	37' 7" ⁱ	34' 2" ⁱ	29' 10" ⁱ	30' 5" ^e	27' 7" ^e	24' 1" ^e	34' 2" ⁱ	31' 0" ⁱ	27' 1" ⁱ
1350S162-68	30' 8" ^e	27' 10" ^e	24' 4" ^e	34' 5" ⁱ	31' 3" ⁱ	25' 6" ⁱ	27' 10" ^e	25' 3" ^e	22' 1" ^e	31' 3" ⁱ	28' 5" ⁱ	24' 10" ⁱ
1350S200-68	31' 10" ^e	28' 11" ^e	25' 3" ^e	35' 8" ⁱ	32' 5" ⁱ	26' 8" ⁱ	28' 11" ^e	26' 3" ^e	22' 11" ^e	32' 5" ⁱ	29' 6" ⁱ	25' 9" ⁱ
1350S250-68	32' 11" ^e	29' 11" ^e	26' 1" ^e	36' 11" ⁱ	32' 4" ⁱ	26' 4" ⁱ	29' 11" ^e	27' 2" ^e	23' 9" ^e	33' 7" ⁱ	30' 6" ⁱ	26' 4" ⁱ
1350S162-97	34' 3" ^e	31' 2" ^e	27' 2" ^e	38' 6" ⁱ	35' 0" ⁱ	30' 6" ⁱ	31' 2" ^e	28' 3" ^e	24' 8" ^e	35' 0" ⁱ	31' 9" ⁱ	27' 9" ⁱ
1350S200-97	35' 7" ^e	32' 4" ^e	28' 3" ^e	39' 11" ⁱ	36' 4" ⁱ	31' 8" ⁱ	32' 4" ^e	29' 4" ^e	25' 8" ^e	36' 4" ⁱ	33' 0" ⁱ	28' 10" ⁱ
1350S250-97	36' 10" ^e	33' 6" ^e	29' 3" ^e	41' 5" ⁱ	37' 7" ⁱ	32' 10" ⁱ	33' 6" ^e	30' 5" ^e	26' 7" ^e	37' 7" ⁱ	34' 2" ⁱ	29' 10" ⁱ
1400S162-68	31' 7" ^e	28' 9" ^e	25' 1" ^e	35' 6" ⁱ	31' 9" ⁱ	25' 8" ⁱ	28' 9" ^e	26' 1" ^e	22' 9" ^e	32' 3" ⁱ	29' 4" ⁱ	25' 7" ⁱ
1400S200-68	32' 9" ^e	29' 9" ^e	26' 0" ^e	36' 10" ⁱ	33' 5" ⁱ	26' 6" ⁱ	29' 9" ^e	27' 1" ^e	23' 8" ^e	33' 5" ⁱ	30' 5" ⁱ	26' 6" ⁱ
1400S250-68	33' 11" ^e	30' 10" ^e	26' 10" ^e	38' 0" ⁱ	32' 10" ⁱ	26' 3" ⁱ	30' 10" ^e	28' 0" ^e	24' 5" ^e	34' 7" ⁱ	31' 5" ⁱ	26' 3" ⁱ
1400S162-97	35' 4" ^e	32' 2" ^e	28' 1" ^e	39' 9" ⁱ	36' 1" ⁱ	31' 6" ⁱ	32' 2" ^e	29' 2" ^e	25' 6" ^e	36' 1" ⁱ	32' 9" ⁱ	28' 8" ⁱ
1400S200-97	36' 8" ^e	33' 4" ^e	29' 1" ^e	41' 2" ⁱ	37' 5" ⁱ	32' 8" ⁱ	33' 4" ^e	30' 3" ^e	26' 5" ^e	37' 5" ⁱ	34' 0" ⁱ	29' 8" ⁱ
1400S250-97	38' 0" ^e	34' 6" ^e	30' 2" ^e	42' 8" ⁱ	38' 9" ⁱ	33' 10" ⁱ	34' 6" ^e	31' 4" ^e	27' 4" ^e	38' 9" ⁱ	35' 2" ⁱ	30' 9" ⁱ

Table Footnotes:

- "e" Requires web stiffeners at end supports.
- "i" Requires web stiffeners at interior supports.
- "a" Requires web stiffeners at all supports.

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 50 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
600S162-33	11' 2" ^e	9' 8" ^e	7' 10" ^e	11' 2" ^a	9' 3" ^a	6' 10" ^a	10' 6" ^e	9' 6" ^e	7' 10" ^e	11' 2" ^a	9' 3" ^a	6' 10" ^a
600S200-33	11' 8" ^e	10' 1" ^e	8' 3" ^e	11' 7" ^a	9' 6" ^a	7' 0" ^a	11' 0" ^e	10' 0" ^e	8' 3" ^e	11' 7" ^a	9' 6" ^a	7' 0" ^a
600S162-43	12' 7" ^e	11' 5" ^e	9' 7" ^e	13' 7" ⁱ	11' 9" ⁱ	9' 7" ^a	11' 5" ^e	10' 5" ^e	9' 1" ^e	12' 10" ⁱ	11' 8" ⁱ	9' 7" ^a
600S200-43	13' 3" ^e	11' 10" ^e	9' 8" ^e	13' 8" ⁱ	11' 10" ⁱ	9' 8" ^a	12' 0" ^e	10' 11" ^e	9' 6" ^e	13' 6" ⁱ	11' 10" ⁱ	9' 8" ^a
600S250-43	13' 10" ^e	12' 2" ^e	9' 11" ^e	14' 1" ⁱ	12' 2" ⁱ	9' 11" ^a	12' 7" ^e	11' 5" ^e	9' 11" ^e	14' 1" ⁱ	12' 2" ⁱ	9' 11" ^a
600S162-54	13' 6" ^e	12' 3" ^e	10' 9" ^e	15' 2" ⁱ	13' 10" ⁱ	12' 1" ⁱ	12' 3" ^e	11' 2" ^e	9' 9" ^e	13' 10" ⁱ	12' 6" ⁱ	10' 11" ⁱ
600S200-54	14' 3" ^e	12' 11" ^e	11' 3" ^e	16' 0" ⁱ	14' 6" ⁱ	12' 8" ⁱ	12' 11" ^e	11' 9" ^e	10' 3" ^e	14' 6" ⁱ	13' 2" ⁱ	11' 6" ⁱ
600S250-54	14' 10" ^e	13' 6" ^e	11' 9" ^e	16' 8" ⁱ	15' 1" ⁱ	13' 2" ⁱ	13' 6" ^e	12' 3" ^e	10' 8" ^e	15' 1" ⁱ	13' 9" ⁱ	12' 0" ⁱ
600S162-68	14' 6" ^e	13' 2" ^e	11' 6" ^e	16' 4" ^e	14' 10" ^e	12' 11" ⁱ	13' 2" ^e	12' 0" ^e	10' 6" ^e	14' 10" ⁱ	13' 6" ⁱ	11' 9" ⁱ
600S200-68	15' 3" ^e	13' 11" ^e	12' 1" ^e	17' 2" ^e	15' 7" ^e	13' 7" ⁱ	13' 11" ^e	12' 7" ^e	11' 0" ^e	15' 7" ^e	14' 2" ^e	12' 4" ⁱ
600S250-68	16' 0" ^e	14' 7" ^e	12' 8" ^e	18' 0" ^e	16' 4" ⁱ	14' 3" ⁱ	14' 7" ^e	13' 3" ^e	11' 7" ^e	16' 4" ^e	14' 10" ⁱ	13' 0" ⁱ
600S162-97	16' 2" ^e	14' 8" ^e	12' 10" ^e	18' 2" ^e	16' 6" ^e	14' 5" ^e	14' 8" ^e	13' 4" ^e	11' 8" ^e	16' 6" ^e	15' 0" ^e	13' 1" ^e
600S200-97	17' 1" ^e	15' 6" ^e	13' 6" ^e	19' 2" ^e	17' 5" ^e	15' 2" ^e	15' 6" ^e	14' 1" ^e	12' 3" ^e	17' 5" ^e	15' 10" ^e	13' 10" ^e
600S250-97	17' 11" ^e	16' 3" ^e	14' 2" ^e	20' 1" ^e	18' 3" ^e	15' 11" ^e	16' 3" ^e	14' 9" ^e	12' 11" ^e	18' 3" ^e	16' 7" ^e	14' 6" ^e
725S162-33	12' 3" ^e	10' 7" ^e	8' 5" ^e	11' 0" ^a	8' 10" ^a	6' 5" ^a	12' 3" ^e	10' 7" ^e	8' 5" ^e	11' 0" ^a	8' 10" ^a	6' 5" ^a
725S200-33	12' 9" ^e	11' 0" ^e	8' 5" ^e	11' 3" ^a	9' 0" ^a	6' 7" ^a	12' 9" ^e	11' 0" ^e	8' 5" ^e	11' 3" ^a	9' 0" ^a	6' 7" ^a
725S162-43	14' 8" ^e	13' 4" ^e	10' 11" ^e	15' 6" ⁱ	13' 5" ^a	10' 9" ^a	13' 4" ^e	12' 1" ^e	10' 7" ^e	14' 11" ⁱ	13' 5" ^a	10' 9" ^a
725S200-43	15' 4" ^e	13' 6" ^e	11' 0" ^e	15' 7" ⁱ	13' 6" ^a	10' 10" ^a	13' 11" ^e	12' 8" ^e	11' 0" ^e	15' 7" ⁱ	13' 6" ^a	10' 10" ^a
725S250-43	16' 0" ^e	13' 10" ^e	11' 4" ^e	16' 0" ⁱ	13' 10" ^a	11' 0" ^a	14' 7" ^e	13' 3" ^e	11' 4" ^e	16' 0" ⁱ	13' 10" ^a	11' 0" ^a
725S162-54	15' 9" ^e	14' 4" ^e	12' 6" ^e	17' 8" ⁱ	16' 1" ⁱ	14' 0" ⁱ	14' 4" ^e	13' 0" ^e	11' 4" ^e	16' 1" ⁱ	14' 7" ⁱ	12' 9" ⁱ
725S200-54	16' 6" ^e	15' 0" ^e	13' 1" ^e	18' 6" ⁱ	16' 10" ⁱ	14' 8" ⁱ	15' 0" ^e	13' 7" ^e	11' 11" ^e	16' 10" ⁱ	15' 4" ⁱ	13' 4" ⁱ
725S250-54	17' 2" ^e	15' 7" ^e	13' 7" ^e	19' 3" ⁱ	17' 6" ⁱ	15' 2" ⁱ	15' 7" ^e	14' 2" ^e	12' 4" ^e	17' 6" ⁱ	15' 11" ⁱ	13' 10" ⁱ
725S162-68	16' 11" ^e	15' 5" ^e	13' 5" ^e	19' 0" ^e	17' 3" ⁱ	15' 1" ⁱ	15' 5" ^e	14' 0" ^e	12' 2" ^e	17' 3" ^e	15' 8" ^e	13' 8" ⁱ
725S200-68	17' 9" ^e	16' 2" ^e	14' 1" ^e	19' 11" ^e	18' 1" ⁱ	15' 10" ⁱ	16' 2" ^e	14' 8" ^e	12' 10" ^e	18' 1" ^e	16' 5" ^e	14' 4" ⁱ
725S250-68	18' 7" ^e	16' 10" ^e	14' 9" ^e	20' 10" ⁱ	18' 11" ⁱ	16' 6" ⁱ	16' 10" ^e	15' 4" ^e	13' 5" ^e	18' 11" ^e	17' 2" ⁱ	15' 0" ⁱ
725S162-97	18' 11" ^e	17' 2" ^e	15' 0" ^e	21' 2" ^e	19' 3" ^e	16' 10" ^e	17' 2" ^e	15' 7" ^e	13' 7" ^e	19' 3" ^e	17' 6" ^e	15' 3" ^e
725S200-97	19' 10" ^e	18' 0" ^e	15' 9" ^e	22' 3" ^e	20' 3" ^e	17' 8" ^e	18' 0" ^e	16' 4" ^e	14' 3" ^e	20' 3" ^e	18' 4" ^e	16' 1" ^e
725S250-97	20' 9" ^e	18' 10" ^e	16' 5" ^e	23' 3" ^e	21' 2" ^e	18' 6" ^e	18' 10" ^e	17' 1" ^e	14' 11" ^e	21' 2" ^e	19' 3" ^e	16' 9" ^e
800S162-33	12' 9" ^e	11' 1" ^e	7' 7" ^e	10' 8" ^a	8' 7" ^a	6' 1" ^a	12' 9" ^e	11' 1" ^e	7' 7" ^e	10' 8" ^a	8' 7" ^a	6' 1" ^a
800S200-33	13' 4" ^e	11' 4" ^e	7' 7" ^e	10' 11" ^a	8' 9" ^a	6' 1" ^a	13' 4" ^e	11' 4" ^e	7' 7" ^e	10' 11" ^a	8' 9" ^a	6' 1" ^a
800S162-43	15' 10" ^e	13' 9" ^e	11' 2" ^e	15' 10" ⁱ	13' 9" ^a	10' 6" ^a	14' 5" ^e	13' 1" ^e	11' 2" ^e	15' 10" ⁱ	13' 9" ^a	10' 6" ^a
800S200-43	16' 7" ^e	14' 5" ^e	11' 9" ^e	16' 8" ^a	14' 4" ^a	10' 9" ^a	15' 1" ^e	13' 8" ^e	11' 9" ^e	16' 8" ^a	14' 4" ^a	10' 9" ^a
800S250-43	16' 11" ^e	14' 7" ^e	11' 11" ^e	16' 11" ^a	14' 5" ^a	10' 10" ^a	15' 9" ^e	14' 3" ^e	11' 11" ^e	16' 11" ^a	14' 5" ^a	10' 10" ^a
800S162-54	17' 1" ^e	15' 6" ^e	13' 6" ^e	19' 2" ⁱ	17' 5" ⁱ	15' 2" ⁱ	15' 6" ^e	14' 1" ^e	12' 3" ^e	17' 5" ⁱ	15' 10" ⁱ	13' 10" ⁱ
800S200-54	17' 10" ^e	16' 3" ^e	14' 2" ^e	20' 1" ⁱ	18' 3" ⁱ	15' 8" ⁱ	16' 3" ^e	14' 9" ^e	12' 10" ^e	18' 3" ⁱ	16' 7" ⁱ	14' 5" ⁱ
800S250-54	18' 7" ^e	16' 10" ^e	14' 9" ^e	20' 10" ⁱ	18' 11" ⁱ	15' 11" ⁱ	16' 10" ^e	15' 4" ^e	13' 4" ^e	18' 11" ⁱ	17' 2" ⁱ	15' 0" ⁱ
800S162-68	18' 4" ^e	16' 8" ^e	14' 7" ^e	20' 7" ^e	18' 9" ⁱ	16' 4" ⁱ	16' 8" ^e	15' 2" ^e	13' 3" ^e	18' 9" ^e	17' 0" ⁱ	14' 10" ⁱ
800S200-68	19' 3" ^e	17' 5" ^e	15' 3" ^e	21' 7" ⁱ	19' 7" ⁱ	17' 1" ⁱ	17' 5" ^e	15' 10" ^e	13' 10" ^e	19' 7" ^e	17' 10" ⁱ	15' 7" ⁱ
800S250-68	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 6" ⁱ	20' 6" ⁱ	17' 10" ⁱ	18' 3" ^e	16' 7" ^e	14' 5" ^e	20' 6" ^e	18' 7" ⁱ	16' 3" ⁱ
800S162-97	20' 6" ^e	18' 7" ^e	16' 3" ^e	23' 0" ^e	20' 11" ^e	18' 3" ^e	18' 7" ^e	16' 11" ^e	14' 9" ^e	20' 11" ^e	19' 0" ^e	16' 7" ^e
800S200-97	21' 6" ^e	19' 6" ^e	17' 0" ^e	24' 1" ^e	21' 11" ^e	19' 1" ^e	19' 6" ^e	17' 8" ^e	15' 6" ^e	21' 11" ^e	19' 11" ^e	17' 4" ^e
800S250-97	22' 5" ^e	20' 4" ^e	17' 9" ^e	25' 2" ^e	22' 10" ^e	20' 0" ⁱ	20' 4" ^e	18' 6" ^e	16' 2" ^e	22' 10" ^e	20' 9" ^e	18' 2" ^e
925S162-43	17' 0" ^e	14' 8" ^e	12' 0" ^e	16' 8" ^a	13' 8" ^a	10' 1" ^a	16' 3" ^e	14' 8" ^e	12' 0" ^e	16' 8" ^a	13' 8" ^a	10' 1" ^a
925S200-43	17' 10" ^e	15' 5" ^e	12' 7" ^e	17' 2" ^a	14' 0" ^a	10' 4" ^a	16' 11" ^e	15' 5" ^e	12' 7" ^e	17' 2" ^a	14' 0" ^a	10' 4" ^a
925S250-43	18' 1" ^e	15' 8" ^e	12' 9" ^e	17' 4" ^a	14' 1" ^a	10' 5" ^a	17' 8" ^e	15' 8" ^e	12' 9" ^e	17' 4" ^a	14' 1" ^a	10' 5" ^a
925S162-54	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 7" ⁱ	19' 7" ⁱ	16' 2" ⁱ	17' 6" ^e	15' 10" ^e	13' 10" ^e	19' 7" ⁱ	17' 10" ⁱ	15' 7" ⁱ
925S200-54	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 7" ⁱ	20' 6" ⁱ	16' 6" ⁱ	18' 3" ^e	16' 7" ^e	14' 6" ^e	20' 6" ⁱ	18' 7" ⁱ	16' 3" ⁱ

FLOOR JOIST SPAN TABLES

10 psf Dead Load and 50 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
1000S162-43	17' 7" ^e	15' 3" ^e	12' 5" ^e	16' 6" ^a	13' 5" ^a	9' 10" ^a	17' 4" ^e	15' 3" ^e	12' 5" ^e	16' 6" ^a	13' 5" ^a	9' 10" ^a
1000S200-43	18' 5" ^e	16' 0" ^e	13' 0" ^e	17' 0" ^a	13' 9" ^a	10' 1" ^a	18' 1" ^e	16' 0" ^e	13' 0" ^e	17' 0" ^a	13' 9" ^a	10' 1" ^a
1000S250-43	18' 9" ^e	16' 3" ^e	13' 3" ^e	17' 1" ^a	13' 10" ^a	10' 2" ^a	18' 9" ^e	16' 3" ^e	13' 3" ^e	17' 1" ^a	13' 10" ^a	10' 2" ^a
1000S162-54	20' 6" ^e	18' 8" ^e	16' 3" ^e	23' 0" ⁱ	20' 8" ⁱ	16' 0" ^a	18' 8" ^e	16' 11" ^e	14' 9" ^e	20' 11" ⁱ	19' 0" ⁱ	16' 0" ^a
1000S200-54	21' 5" ^e	19' 5" ^e	17' 0" ^e	24' 0" ⁱ	21' 2" ⁱ	16' 4" ^a	19' 5" ^e	17' 8" ^e	15' 5" ^e	21' 10" ⁱ	19' 10" ⁱ	16' 4" ^a
1000S250-54	22' 3" ^e	20' 2" ^e	17' 8" ^e	24' 11" ⁱ	21' 7" ⁱ	16' 6" ^a	20' 2" ^e	18' 4" ^e	16' 0" ^e	22' 8" ⁱ	20' 7" ⁱ	16' 6" ^a
1000S162-68	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 9" ⁱ	22' 6" ⁱ	19' 8" ⁱ	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 6" ⁱ	20' 5" ⁱ	17' 10" ⁱ
1000S200-68	23' 0" ^e	20' 11" ^e	18' 3" ^e	25' 10" ⁱ	23' 6" ⁱ	20' 6" ⁱ	20' 11" ^e	19' 0" ^e	16' 7" ^e	23' 6" ⁱ	21' 4" ⁱ	18' 8" ⁱ
1000S250-68	23' 11" ^e	21' 9" ^e	19' 0" ^e	26' 11" ⁱ	24' 5" ⁱ	21' 0" ⁱ	21' 9" ^e	19' 9" ^e	17' 3" ^e	24' 5" ⁱ	22' 2" ⁱ	19' 5" ⁱ
1000S162-97	24' 8" ^e	22' 5" ^e	19' 7" ^e	27' 8" ^e	25' 2" ^e	22' 0" ⁱ	22' 5" ^e	20' 4" ^e	17' 9" ^e	25' 2" ^e	22' 10" ^e	19' 11" ^e
1000S200-97	25' 9" ^e	23' 5" ^e	20' 5" ^e	28' 11" ^e	26' 3" ^e	22' 11" ⁱ	23' 5" ^e	21' 3" ^e	18' 7" ^e	26' 3" ^e	23' 10" ^e	20' 10" ^e
1000S250-97	26' 9" ^e	24' 4" ^e	21' 3" ^e	30' 1" ^e	27' 4" ^e	23' 10" ⁱ	24' 4" ^e	22' 1" ^e	19' 4" ^e	27' 4" ^e	24' 10" ^e	21' 8" ⁱ
1150S162-54	23' 1" ^e	20' 11" ^e	17' 11" ^e	25' 5" ⁱ	20' 11" ⁱ	15' 7" ^a	20' 11" ^e	19' 0" ^e	16' 7" ^e	23' 6" ⁱ	20' 11" ⁱ	15' 7" ^a
1150S200-54	24' 0" ^e	21' 9" ^e	18' 6" ^e	26' 0" ⁱ	21' 3" ⁱ	15' 10" ^a	21' 9" ^e	19' 10" ^e	17' 3" ^e	24' 6" ⁱ	21' 3" ⁱ	15' 10" ^a
1150S250-54	24' 11" ^e	22' 7" ^e	18' 10" ^e	26' 4" ⁱ	21' 6" ⁱ	16' 0" ^a	22' 7" ^e	20' 6" ^e	17' 11" ^e	25' 5" ⁱ	21' 6" ⁱ	16' 0" ^a
1150S162-68	24' 10" ^e	22' 7" ^e	19' 8" ^e	27' 10" ⁱ	25' 4" ⁱ	21' 9" ⁱ	22' 7" ^e	20' 6" ^e	17' 11" ^e	25' 4" ⁱ	23' 0" ⁱ	20' 1" ⁱ
1150S200-68	25' 10" ^e	23' 6" ^e	20' 6" ^e	29' 0" ⁱ	26' 4" ⁱ	22' 10" ⁱ	23' 6" ^e	21' 4" ^e	18' 7" ^e	26' 4" ⁱ	23' 11" ⁱ	20' 11" ⁱ
1150S250-68	26' 10" ^e	24' 4" ^e	21' 3" ^e	30' 1" ⁱ	27' 4" ⁱ	22' 4" ⁱ	24' 4" ^e	22' 1" ^e	19' 4" ^e	27' 4" ⁱ	24' 10" ⁱ	21' 8" ⁱ
1150S162-97	27' 9" ^e	25' 2" ^e	22' 0" ^e	31' 2" ^e	28' 4" ^e	24' 9" ⁱ	25' 2" ^e	22' 11" ^e	20' 0" ^e	28' 4" ^e	25' 8" ^e	22' 5" ⁱ
1150S200-97	28' 11" ^e	26' 3" ^e	22' 11" ^e	32' 5" ^e	29' 6" ^e	25' 9" ⁱ	26' 3" ^e	23' 10" ^e	20' 10" ^e	29' 6" ^e	26' 9" ^e	23' 5" ⁱ
1150S250-97	30' 0" ^e	27' 3" ^e	23' 10" ^e	33' 8" ^e	30' 7" ⁱ	26' 9" ⁱ	27' 3" ^e	24' 9" ^e	21' 7" ^e	30' 7" ^e	27' 10" ^e	24' 3" ⁱ
1200S162-54	23' 11" ^e	21' 9" ^e	18' 4" ^e	25' 5" ^a	20' 9" ^a	15' 5" ^a	21' 9" ^e	19' 9" ^e	17' 3" ^e	24' 5" ^a	20' 9" ^a	15' 5" ^a
1200S200-54	24' 10" ^e	22' 7" ^e	18' 10" ^e	25' 11" ^a	21' 1" ^a	15' 7" ^a	22' 7" ^e	20' 6" ^e	17' 11" ^e	25' 4" ^a	21' 1" ^a	15' 7" ^a
1200S250-54	25' 9" ^e	23' 5" ^e	19' 3" ^e	26' 3" ^a	21' 4" ^a	15' 9" ^a	23' 5" ^e	21' 3" ^e	18' 7" ^e	26' 3" ^a	21' 4" ^a	15' 9" ^a
1200S162-68	25' 9" ^e	23' 4" ^e	20' 5" ^e	28' 11" ⁱ	26' 3" ⁱ	22' 2" ⁱ	23' 4" ^e	21' 3" ^e	18' 7" ^e	26' 3" ⁱ	23' 10" ⁱ	20' 10" ⁱ
1200S200-68	26' 9" ^e	24' 4" ^e	21' 3" ^e	30' 1" ⁱ	27' 3" ⁱ	23' 3" ⁱ	24' 4" ^e	22' 1" ^e	19' 3" ^e	27' 3" ⁱ	24' 10" ⁱ	21' 8" ⁱ
1200S250-68	27' 9" ^e	25' 2" ^e	22' 0" ^e	31' 2" ⁱ	27' 11" ⁱ	22' 9" ⁱ	25' 2" ^e	22' 11" ^e	20' 0" ^e	28' 4" ⁱ	25' 9" ⁱ	22' 5" ⁱ
1200S162-97	28' 9" ^e	26' 2" ^e	22' 10" ^e	32' 4" ^e	29' 4" ^e	25' 8" ⁱ	26' 2" ^e	23' 9" ^e	20' 9" ^e	29' 4" ^e	26' 8" ^e	23' 3" ⁱ
1200S200-97	29' 11" ^e	27' 2" ^e	23' 9" ^e	33' 7" ^e	30' 6" ⁱ	26' 8" ⁱ	27' 2" ^e	24' 8" ^e	21' 7" ^e	30' 6" ^e	27' 9" ^e	24' 3" ⁱ
1200S250-97	31' 1" ^e	28' 3" ^e	24' 8" ^e	34' 10" ^e	31' 8" ⁱ	27' 8" ⁱ	28' 3" ^e	25' 8" ^e	22' 5" ^e	31' 8" ^e	28' 9" ^e	25' 2" ⁱ
1350S162-68	28' 5" ^e	25' 10" ^e	22' 7" ^e	31' 11" ⁱ	28' 6" ⁱ	22' 9" ⁱ	25' 10" ^e	23' 6" ^e	20' 6" ^e	29' 0" ⁱ	26' 4" ⁱ	22' 9" ⁱ
1350S200-68	29' 6" ^e	26' 10" ^e	23' 5" ^e	33' 2" ⁱ	30' 0" ⁱ	23' 6" ⁱ	26' 10" ^e	24' 4" ^e	21' 3" ^e	30' 1" ⁱ	27' 4" ⁱ	23' 6" ⁱ
1350S250-68	30' 7" ^e	27' 9" ^e	24' 1" ^e	34' 1" ⁱ	29' 6" ⁱ	23' 2" ⁱ	27' 9" ^e	25' 3" ^e	22' 0" ^e	31' 2" ⁱ	28' 4" ⁱ	23' 2" ⁱ
1350S162-97	31' 10" ^e	28' 11" ^e	25' 3" ^e	35' 9" ^e	32' 5" ⁱ	28' 4" ⁱ	28' 11" ^e	26' 3" ^e	22' 11" ^e	32' 5" ^e	29' 6" ^e	25' 9" ⁱ
1350S200-97	33' 0" ^e	30' 0" ^e	26' 2" ^e	37' 1" ^e	33' 8" ⁱ	29' 5" ⁱ	30' 0" ^e	27' 3" ^e	23' 10" ^e	33' 8" ^e	30' 7" ^e	26' 9" ⁱ
1350S250-97	34' 2" ^e	31' 1" ^e	27' 2" ^e	38' 5" ^e	34' 11" ⁱ	30' 6" ⁱ	31' 1" ^e	28' 3" ^e	24' 8" ^e	34' 11" ^e	31' 8" ^e	27' 8" ⁱ
1400S162-68	29' 4" ^e	26' 8" ^e	23' 3" ^e	32' 11" ⁱ	29' 0" ⁱ	22' 8" ⁱ	26' 8" ^e	24' 3" ^e	21' 2" ^e	29' 11" ⁱ	27' 2" ⁱ	22' 8" ⁱ
1400S200-68	30' 5" ^e	27' 8" ^e	24' 2" ^e	34' 2" ⁱ	30' 7" ⁱ	23' 4" ⁱ	27' 8" ^e	25' 1" ^e	21' 11" ^e	31' 1" ⁱ	28' 2" ⁱ	23' 4" ⁱ
1400S250-68	31' 6" ^e	28' 7" ^e	24' 6" ^e	34' 8" ⁱ	30' 0" ⁱ	23' 1" ⁱ	28' 7" ^e	26' 0" ^e	22' 8" ^e	32' 1" ⁱ	29' 2" ⁱ	23' 1" ⁱ
1400S162-97	32' 10" ^e	29' 10" ^e	26' 1" ^e	36' 10" ⁱ	33' 6" ⁱ	29' 3" ⁱ	29' 10" ^e	27' 1" ^e	23' 8" ^e	33' 6" ^e	30' 5" ⁱ	26' 7" ⁱ
1400S200-97	34' 1" ^e	30' 11" ^e	27' 0" ^e	38' 3" ⁱ	34' 9" ⁱ	30' 4" ⁱ	30' 11" ^e	28' 1" ^e	24' 7" ^e	34' 9" ^e	31' 7" ⁱ	27' 7" ⁱ
1400S250-97	35' 3" ^e	32' 0" ^e	28' 0" ^e	39' 7" ⁱ	35' 11" ⁱ	31' 5" ⁱ	32' 0" ^e	29' 1" ^e	25' 5" ^e	35' 11" ^e	32' 8" ⁱ	28' 6" ⁱ

Table Footnotes:

- "e" Requires web stiffeners at end supports.
- "i" Requires web stiffeners at interior supports.
- "a" Requires web stiffeners at all supports.

FLOOR JOIST SPAN TABLES

15 psf Dead Load and 125 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
600S162-33	7' 3" ^e	6' 4" ^e	4' 4" ^e	6' 1" ^a	4' 11" ^a	3' 6" ^a	7' 3" ^e	6' 4" ^e	4' 4" ^e	6' 1" ^a	4' 11" ^a	3' 6" ^a
600S200-33	7' 7" ^e	6' 7" ^e	4' 4" ^e	6' 3" ^a	5' 0" ^a	3' 6" ^a	7' 7" ^e	6' 7" ^e	4' 4" ^e	6' 3" ^a	5' 0" ^a	3' 6" ^a
600S162-43	8' 10" ^e	7' 8" ^e	6' 3" ^e	8' 10" ^a	7' 8" ^a	5' 11" ^a	8' 5" ^e	7' 8" ^e	6' 3" ^e	8' 10" ^a	7' 8" ^a	5' 11" ^a
600S200-43	8' 11" ^e	7' 9" ^e	6' 4" ^e	8' 11" ^a	7' 9" ^a	5' 11" ^a	8' 10" ^e	7' 9" ^e	6' 4" ^e	8' 11" ^a	7' 9" ^a	5' 11" ^a
600S250-43	9' 2" ^e	8' 0" ^e	6' 6" ^e	9' 2" ^a	8' 0" ^a	6' 1" ^a	9' 2" ^e	8' 0" ^e	6' 6" ^e	9' 2" ^a	8' 0" ^a	6' 1" ^a
600S162-54	9' 11" ^e	9' 0" ^e	7' 11" ^e	11' 2" ⁱ	9' 11" ⁱ	8' 1" ⁱ	9' 0" ^e	8' 2" ^e	7' 2" ^e	10' 2" ⁱ	9' 3" ⁱ	8' 1" ⁱ
600S200-54	10' 6" ^e	9' 6" ^e	8' 4" ^e	11' 9" ⁱ	10' 4" ⁱ	8' 5" ^a	9' 6" ^e	8' 8" ^e	7' 6" ^e	10' 8" ⁱ	9' 8" ⁱ	8' 5" ^a
600S250-54	10' 11" ^e	9' 11" ^e	8' 8" ^e	12' 3" ⁱ	10' 8" ⁱ	8' 8" ^a	9' 11" ^e	9' 0" ^e	7' 10" ^e	11' 2" ⁱ	10' 1" ⁱ	8' 8" ^a
600S162-68	10' 8" ^e	9' 9" ^e	8' 6" ^e	12' 0" ⁱ	10' 11" ⁱ	9' 6" ⁱ	9' 9" ^e	8' 10" ^e	7' 8" ^e	10' 11" ⁱ	9' 11" ⁱ	8' 8" ⁱ
600S200-68	11' 3" ^e	10' 3" ^e	8' 11" ^e	12' 8" ⁱ	11' 6" ⁱ	10' 0" ⁱ	10' 3" ^e	9' 3" ^e	8' 1" ^e	11' 6" ⁱ	10' 5" ⁱ	9' 1" ⁱ
600S250-68	11' 10" ^e	10' 9" ^e	9' 4" ^e	13' 3" ⁱ	11' 11" ⁱ	9' 9" ⁱ	10' 9" ^e	9' 9" ^e	8' 6" ^e	12' 0" ⁱ	10' 11" ⁱ	9' 6" ⁱ
600S162-97	11' 11" ^e	10' 10" ^e	9' 5" ^e	13' 5" ⁱ	12' 2" ⁱ	10' 7" ⁱ	10' 10" ^e	9' 10" ^e	8' 7" ^e	12' 2" ⁱ	11' 1" ⁱ	9' 8" ⁱ
600S200-97	12' 7" ^e	11' 5" ^e	9' 11" ^e	14' 1" ⁱ	12' 10" ⁱ	11' 2" ⁱ	11' 5" ^e	10' 4" ^e	9' 0" ^e	12' 10" ⁱ	11' 8" ⁱ	10' 2" ⁱ
600S250-97	13' 2" ^e	12' 0" ^e	10' 5" ^e	14' 9" ⁱ	13' 5" ⁱ	11' 9" ⁱ	12' 0" ^e	10' 10" ^e	9' 6" ^e	13' 5" ⁱ	12' 2" ⁱ	10' 8" ⁱ
725S162-33	7' 2" ^e	5' 4" ^e	3' 7" ^e	5' 8" ^a	4' 3" ^a	2' 10" ^a	7' 2" ^e	5' 4" ^e	3' 7" ^e	5' 8" ^a	4' 3" ^a	2' 10" ^a
725S200-33	7' 2" ^e	5' 4" ^e	3' 7" ^e	5' 9" ^a	4' 3" ^a	2' 10" ^a	7' 2" ^e	5' 4" ^e	3' 7" ^e	5' 9" ^a	4' 3" ^a	2' 10" ^a
725S162-43	10' 1" ^e	8' 9" ^e	7' 2" ^e	9' 8" ^a	7' 10" ^a	5' 9" ^a	9' 9" ^e	8' 9" ^e	7' 2" ^e	9' 8" ^a	7' 10" ^a	5' 9" ^a
725S200-43	10' 2" ^e	8' 10" ^e	7' 2" ^e	9' 8" ^a	7' 10" ^a	5' 10" ^a	10' 2" ^e	8' 10" ^e	7' 2" ^e	9' 8" ^a	7' 10" ^a	5' 10" ^a
725S250-43	10' 6" ^e	9' 1" ^e	7' 5" ^e	9' 10" ^a	8' 0" ^a	5' 10" ^a	10' 6" ^e	9' 1" ^e	7' 5" ^e	9' 10" ^a	8' 0" ^a	5' 10" ^a
725S162-54	11' 7" ^e	10' 6" ^e	9' 2" ^e	13' 0" ⁱ	11' 4" ⁱ	9' 1" ^a	10' 6" ^e	9' 7" ^e	8' 4" ^e	11' 10" ⁱ	10' 9" ⁱ	9' 1" ^a
725S200-54	12' 2" ^e	11' 0" ^e	9' 7" ^e	13' 7" ⁱ	11' 9" ⁱ	9' 4" ^a	11' 0" ^e	10' 0" ^e	8' 9" ^e	12' 5" ⁱ	11' 3" ⁱ	9' 4" ^a
725S250-54	12' 7" ^e	11' 6" ^e	9' 11" ^e	14' 0" ⁱ	12' 2" ^a	9' 6" ^a	11' 6" ^e	10' 5" ^e	9' 1" ^e	12' 10" ⁱ	11' 8" ^a	9' 6" ^a
725S162-68	12' 6" ^e	11' 4" ^e	9' 11" ^e	14' 0" ⁱ	12' 9" ⁱ	11' 1" ⁱ	11' 4" ^e	10' 3" ^e	9' 0" ^e	12' 9" ⁱ	11' 7" ⁱ	10' 1" ⁱ
725S200-68	13' 1" ^e	11' 10" ^e	10' 4" ^e	14' 8" ⁱ	13' 4" ⁱ	11' 7" ⁱ	11' 10" ^e	10' 9" ^e	9' 5" ^e	13' 4" ⁱ	12' 1" ⁱ	10' 7" ⁱ
725S250-68	13' 8" ^e	12' 5" ^e	10' 10" ^e	15' 4" ⁱ	13' 7" ⁱ	11' 1" ⁱ	12' 5" ^e	11' 3" ^e	9' 10" ^e	13' 11" ⁱ	12' 8" ⁱ	11' 1" ⁱ
725S162-97	13' 11" ^e	12' 8" ^e	11' 0" ^e	15' 7" ⁱ	14' 2" ⁱ	12' 5" ⁱ	12' 8" ^e	11' 6" ^e	10' 0" ^e	14' 2" ⁱ	12' 11" ⁱ	11' 3" ⁱ
725S200-97	14' 7" ^e	13' 3" ^e	11' 7" ^e	16' 5" ⁱ	14' 11" ⁱ	13' 0" ⁱ	13' 3" ^e	12' 0" ^e	10' 6" ^e	14' 11" ⁱ	13' 6" ⁱ	11' 10" ⁱ
725S250-97	15' 3" ^e	13' 10" ^e	12' 1" ^e	17' 2" ⁱ	15' 7" ⁱ	13' 7" ⁱ	13' 10" ^e	12' 7" ^e	11' 0" ^e	15' 7" ⁱ	14' 2" ⁱ	12' 4" ⁱ
800S162-33	6' 6" ^e	4' 10" ^e	3' 3" ^e	5' 2" ^a	3' 10" ^a	2' 7" ^a	6' 6" ^e	4' 10" ^e	3' 3" ^e	5' 2" ^a	3' 10" ^a	2' 7" ^a
800S200-33	6' 6" ^e	4' 10" ^e	3' 3" ^e	5' 2" ^a	3' 10" ^a	2' 7" ^a	6' 6" ^e	4' 10" ^e	3' 3" ^e	5' 2" ^a	3' 10" ^a	2' 7" ^a
800S162-43	10' 4" ^e	9' 0" ^e	7' 2" ^e	9' 4" ^a	7' 7" ^a	5' 6" ^a	10' 4" ^e	9' 0" ^e	7' 2" ^e	9' 4" ^a	7' 7" ^a	5' 6" ^a
800S200-43	10' 11" ^e	9' 5" ^e	7' 2" ^e	9' 7" ^a	7' 9" ^a	5' 8" ^a	10' 11" ^e	9' 5" ^e	7' 2" ^e	9' 7" ^a	7' 9" ^a	5' 8" ^a
800S250-43	11' 0" ^e	9' 7" ^e	7' 2" ^e	9' 8" ^a	7' 9" ^a	5' 8" ^a	11' 0" ^e	9' 7" ^e	7' 2" ^e	9' 8" ^a	7' 9" ^a	5' 8" ^a
800S162-54	12' 7" ^e	11' 5" ^e	9' 11" ^e	14' 1" ⁱ	12' 1" ^a	9' 1" ^a	11' 5" ^e	10' 4" ^e	9' 1" ^e	12' 10" ⁱ	11' 8" ^a	9' 1" ^a
800S200-54	13' 2" ^e	11' 11" ^e	10' 3" ^e	14' 6" ⁱ	12' 4" ^a	9' 3" ^a	11' 11" ^e	10' 10" ^e	9' 6" ^e	13' 5" ⁱ	12' 2" ^a	9' 3" ^a
800S250-54	13' 8" ^e	12' 5" ^e	10' 5" ^e	14' 8" ⁱ	12' 5" ^a	9' 4" ^a	12' 5" ^e	11' 3" ^e	9' 10" ^e	13' 11" ⁱ	12' 5" ^a	9' 4" ^a
800S162-68	13' 6" ^e	12' 3" ^e	10' 9" ^e	15' 2" ⁱ	13' 9" ⁱ	11' 10" ⁱ	12' 3" ^e	11' 2" ^e	9' 9" ^e	13' 9" ⁱ	12' 6" ⁱ	10' 11" ⁱ
800S200-68	14' 2" ^e	12' 10" ^e	11' 3" ^e	15' 11" ⁱ	14' 5" ⁱ	12' 5" ^a	12' 10" ^e	11' 8" ^e	10' 2" ^e	14' 5" ⁱ	13' 1" ⁱ	11' 5" ⁱ
800S250-68	14' 9" ^e	13' 5" ^e	11' 9" ^e	16' 7" ⁱ	14' 7" ⁱ	11' 11" ⁱ	13' 5" ^e	12' 2" ^e	10' 8" ^e	15' 1" ⁱ	13' 8" ⁱ	11' 11" ⁱ
800S162-97	15' 1" ^e	13' 8" ^e	11' 11" ^e	16' 11" ⁱ	15' 5" ⁱ	13' 5" ⁱ	13' 8" ^e	12' 5" ^e	10' 10" ^e	15' 5" ⁱ	14' 0" ⁱ	12' 2" ⁱ
800S200-97	15' 10" ^e	14' 4" ^e	12' 6" ^e	17' 9" ⁱ	16' 1" ⁱ	14' 1" ⁱ	14' 4" ^e	13' 0" ^e	11' 5" ^e	16' 1" ⁱ	14' 8" ⁱ	12' 9" ⁱ
800S250-97	16' 6" ^e	15' 0" ^e	13' 1" ^e	18' 6" ⁱ	16' 10" ⁱ	14' 8" ⁱ	15' 0" ^e	13' 7" ^e	11' 11" ^e	16' 10" ⁱ	15' 4" ⁱ	13' 4" ⁱ
925S162-43	11' 1" ^e	9' 4" ^e	6' 2" ^e	9' 0" ^a	7' 2" ^a	4' 11" ^a	11' 1" ^e	9' 4" ^e	6' 2" ^e	9' 0" ^a	7' 2" ^a	4' 11" ^a
925S200-43	11' 8" ^e	9' 4" ^e	6' 2" ^e	9' 2" ^a	7' 4" ^a	4' 11" ^a	11' 8" ^e	9' 4" ^e	6' 2" ^e	9' 2" ^a	7' 4" ^a	4' 11" ^a
925S250-43	11' 10" ^e	9' 4" ^e	6' 2" ^e	9' 3" ^a	7' 4" ^a	4' 11" ^a	11' 10" ^e	9' 4" ^e	6' 2" ^e	9' 3" ^a	7' 4" ^a	4' 11" ^a
925S162-54	14' 2" ^e	12' 10" ^e	10' 8" ^e	14' 7" ^a	11' 10" ^a	8' 9" ^a	12' 10" ^e	11' 8" ^e	10' 2" ^e	14' 5" ^a	11' 10" ^a	8' 9" ^a
925S200-54	14' 9" ^e	13' 5" ^e	10' 11" ^e	14' 9" ^a	12' 0" ^a	8' 11" ^a	13' 5" ^e	12' 2" ^e	10' 8" ^e	14' 9" ^a	12' 0" ^a	8' 11" ^a
925S250-54	15' 4" ^e	13' 7" ^e	11' 1" ^e	14' 11" ^a	12' 2" ^a	8' 11" ^a	13' 11" ^e	12' 8" ^e	11' 1" ^e	14' 11" ^a	12' 2" ^a	8' 11" ^a
925S162-68	15' 3" ^e	13' 10" ^e	12' 1" ^e	17' 1" ⁱ	15' 6" ⁱ	13' 3" ^a	13' 10" ^e	12' 7" ^e	11' 0" ^e	15' 6" ⁱ	14' 1" ⁱ	12' 4" ^a
925S200-68	15' 11" ^e	14' 5" ^e	12' 7" ^e	17' 10" ⁱ	16' 3" ⁱ	13' 9" ^a	14' 5" ^e	13' 1" ^e	11' 6" ^e	16' 3" ⁱ	14' 9" ⁱ	12' 10" ^a
925S250-68	16' 7" ^e	15' 1" ^e	13' 2" ^e	18' 7" ⁱ	16' 2" ⁱ	13' 3" ^a	15' 1" ^e	13' 8" ^e	11' 11" ^e	16' 11" ⁱ	15' 4" ⁱ	13' 3" ^a
925S162-97	17' 0" ^e	15' 5" ^e	13' 6" ^e	19' 1" ⁱ	17' 4" ⁱ	15' 2" ⁱ	15' 5" ^e	14' 0" ^e	12' 3" ^e	17' 4" ⁱ	15' 9" ⁱ	13' 9" ⁱ
925S200-97	17' 9" ^e	16' 2" ^e	14' 1" ^e	20' 0" ⁱ	18' 2" ⁱ	15' 10" ⁱ	16' 2" ^e	14' 8" ^e	12' 10" ^e	18' 2" ⁱ	16' 6" ⁱ	14' 5" ⁱ
925S250-97	18' 6" ^e	16' 10" ^e	14' 8" ^e	20' 10" ⁱ	18' 11" ⁱ	16' 6" ⁱ	16' 10" ^e	15' 3" ^e	13' 4" ^e	18' 11" ⁱ	17' 2" ⁱ	15' 0" ⁱ

FLOOR JOIST SPAN TABLES

15 psf Dead Load and 125 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
1000S162-43	11' 6" ^e	8' 7" ^e	5' 9" ^e	8' 9" ^a	6' 10" ^a	4' 7" ^a	11' 6" ^e	8' 7" ^e	5' 9" ^e	8' 9" ^a	6' 10" ^a	4' 7" ^a
1000S200-43	11' 6" ^e	8' 7" ^e	5' 9" ^e	8' 11" ^a	6' 10" ^a	4' 7" ^a	11' 6" ^e	8' 7" ^e	5' 9" ^e	8' 11" ^a	6' 10" ^a	4' 7" ^a
1000S250-43	11' 6" ^e	8' 7" ^e	5' 9" ^e	9' 0" ^a	6' 10" ^a	4' 7" ^a	11' 6" ^e	8' 7" ^e	5' 9" ^e	9' 0" ^a	6' 10" ^a	4' 7" ^a
1000S162-54	15' 1" ^e	13' 6" ^e	11' 0" ^e	14' 4" ^a	11' 8" ^a	8' 6" ^a	13' 9" ^e	12' 5" ^e	10' 11" ^e	14' 4" ^a	11' 8" ^a	8' 6" ^a
1000S200-54	15' 9" ^e	13' 10" ^e	11' 4" ^e	14' 7" ^a	11' 10" ^a	8' 8" ^a	14' 4" ^e	13' 0" ^e	11' 4" ^e	14' 7" ^a	11' 10" ^a	8' 8" ^a
1000S250-54	16' 4" ^e	14' 2" ^e	11' 4" ^e	14' 9" ^a	11' 11" ^a	8' 8" ^a	14' 10" ^e	13' 6" ^e	11' 4" ^e	14' 9" ^a	11' 11" ^a	8' 8" ^a
1000S162-68	16' 3" ^e	14' 9" ^e	12' 11" ^e	18' 3" ⁱ	16' 3" ⁱ	13' 1" ^a	14' 9" ^e	13' 5" ^e	11' 8" ^e	16' 7" ⁱ	15' 1" ⁱ	13' 1" ^a
1000S200-68	16' 11" ^e	15' 5" ^e	13' 5" ^e	19' 0" ⁱ	17' 1" ⁱ	13' 6" ^a	15' 5" ^e	14' 0" ^e	12' 3" ^e	17' 4" ⁱ	15' 9" ⁱ	13' 6" ^a
1000S250-68	17' 8" ^e	16' 0" ^e	13' 9" ^e	19' 5" ⁱ	16' 10" ⁱ	13' 4" ^a	16' 0" ^e	14' 7" ^e	12' 8" ^e	18' 0" ⁱ	16' 4" ⁱ	13' 4" ^a
1000S162-97	18' 2" ^e	16' 6" ^e	14' 5" ^e	20' 5" ⁱ	18' 6" ⁱ	16' 2" ⁱ	16' 6" ^e	15' 0" ^e	13' 1" ^e	18' 6" ^e	16' 10" ⁱ	14' 8" ⁱ
1000S200-97	18' 11" ^e	17' 3" ^e	15' 0" ^e	21' 3" ⁱ	19' 4" ⁱ	16' 11" ⁱ	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 4" ⁱ	17' 7" ⁱ	15' 4" ⁱ
1000S250-97	19' 9" ^e	17' 11" ^e	15' 8" ^e	22' 2" ⁱ	20' 1" ⁱ	17' 7" ⁱ	17' 11" ^e	16' 3" ^e	14' 3" ^e	20' 1" ⁱ	18' 3" ⁱ	16' 0" ⁱ
1150S162-54	16' 7" ^e	14' 5" ^e	9' 10" ^e	13' 10" ^a	11' 1" ^a	7' 10" ^a	15' 5" ^e	14' 0" ^e	9' 10" ^e	13' 10" ^a	11' 1" ^a	7' 10" ^a
1150S200-54	17' 1" ^e	14' 9" ^e	9' 10" ^e	14' 1" ^a	11' 3" ^a	7' 10" ^a	16' 1" ^e	14' 7" ^e	9' 10" ^e	14' 1" ^a	11' 3" ^a	7' 10" ^a
1150S250-54	17' 6" ^e	14' 9" ^e	9' 10" ^e	14' 2" ^a	11' 4" ^a	7' 10" ^a	16' 8" ^e	14' 9" ^e	9' 10" ^e	14' 2" ^a	11' 4" ^a	7' 10" ^a
1150S162-68	18' 3" ^e	16' 7" ^e	14' 3" ^e	20' 1" ⁱ	17' 1" ^a	12' 10" ^a	16' 7" ^e	15' 1" ^e	13' 2" ^e	18' 8" ⁱ	16' 11" ^a	12' 10" ^a
1150S200-68	19' 0" ^e	17' 3" ^e	14' 11" ^e	21' 2" ⁱ	17' 7" ^a	13' 2" ^a	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 5" ⁱ	17' 7" ^a	13' 2" ^a
1150S250-68	19' 9" ^e	17' 11" ^e	14' 7" ^e	20' 8" ⁱ	17' 5" ^a	13' 0" ^a	17' 11" ^e	16' 3" ^e	14' 3" ^e	20' 2" ⁱ	17' 5" ^a	13' 0" ^a
1150S162-97	20' 5" ^e	18' 7" ^e	16' 2" ^e	22' 11" ⁱ	20' 10" ⁱ	18' 2" ⁱ	18' 7" ^e	16' 10" ^e	14' 9" ^e	20' 10" ⁱ	18' 11" ⁱ	16' 6" ⁱ
1150S200-97	21' 3" ^e	19' 4" ^e	16' 10" ^e	23' 11" ⁱ	21' 8" ⁱ	18' 11" ⁱ	19' 4" ^e	17' 7" ^e	15' 4" ^e	21' 8" ⁱ	19' 9" ⁱ	17' 3" ⁱ
1150S250-97	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 10" ⁱ	22' 6" ⁱ	19' 8" ⁱ	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 6" ⁱ	20' 6" ⁱ	17' 11" ⁱ
1200S162-54	16' 11" ^e	14' 2" ^e	9' 5" ^e	13' 8" ^a	10' 11" ^a	7' 6" ^a	16' 0" ^e	14' 2" ^e	9' 5" ^e	13' 8" ^a	10' 11" ^a	7' 6" ^a
1200S200-54	17' 6" ^e	14' 2" ^e	9' 5" ^e	13' 11" ^a	11' 1" ^a	7' 6" ^a	16' 7" ^e	14' 2" ^e	9' 5" ^e	13' 11" ^a	11' 1" ^a	7' 6" ^a
1200S250-54	17' 10" ^e	14' 2" ^e	9' 5" ^e	14' 0" ^a	11' 2" ^a	7' 6" ^a	17' 3" ^e	14' 2" ^e	9' 5" ^e	14' 0" ^a	11' 2" ^a	7' 6" ^a
1200S162-68	18' 11" ^e	17' 3" ^e	14' 6" ^e	20' 6" ⁱ	17' 0" ^a	12' 8" ^a	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 4" ⁱ	17' 0" ^a	12' 8" ^a
1200S200-68	19' 8" ^e	17' 11" ^e	15' 3" ^e	21' 5" ⁱ	17' 6" ^a	13' 0" ^a	17' 11" ^e	16' 3" ^e	14' 2" ^e	20' 1" ⁱ	17' 6" ^a	13' 0" ^a
1200S250-68	20' 5" ^e	18' 3" ^e	14' 11" ^e	21' 1" ⁱ	17' 3" ^a	12' 10" ^a	18' 7" ^e	16' 10" ^e	14' 9" ^e	20' 10" ⁱ	17' 3" ^a	12' 10" ^a
1200S162-97	21' 2" ^e	19' 3" ^e	16' 10" ^e	23' 9" ⁱ	21' 7" ⁱ	18' 10" ⁱ	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 7" ⁱ	19' 8" ⁱ	17' 2" ⁱ
1200S200-97	22' 0" ^e	20' 0" ^e	17' 6" ^e	24' 9" ⁱ	22' 6" ⁱ	19' 8" ⁱ	20' 0" ^e	18' 2" ^e	15' 11" ^e	22' 6" ⁱ	20' 5" ⁱ	17' 10" ⁱ
1200S250-97	22' 10" ^e	20' 9" ^e	18' 2" ^e	25' 8" ⁱ	23' 4" ⁱ	20' 4" ⁱ	20' 9" ^e	18' 10" ^e	16' 6" ^e	23' 4" ⁱ	21' 2" ⁱ	18' 6" ⁱ
1350S162-68	20' 11" ^e	18' 8" ^e	15' 3" ^e	20' 5" ^a	16' 7" ^a	12' 3" ^a	19' 0" ^e	17' 3" ^e	15' 1" ^e	20' 5" ^a	16' 7" ^a	12' 3" ^a
1350S200-68	21' 9" ^e	19' 8" ^e	16' 0" ^e	21' 0" ^a	17' 1" ^a	12' 6" ^a	19' 9" ^e	17' 11" ^e	15' 8" ^e	21' 0" ^a	17' 1" ^a	12' 6" ^a
1350S250-68	22' 3" ^e	19' 3" ^e	15' 9" ^e	20' 10" ^a	16' 11" ^a	12' 5" ^a	20' 5" ^e	18' 7" ^e	15' 9" ^e	20' 10" ^a	16' 11" ^a	12' 5" ^a
1350S162-97	23' 5" ^e	21' 3" ^e	18' 7" ^e	26' 4" ⁱ	23' 11" ⁱ	20' 10" ⁱ	21' 3" ^e	19' 4" ^e	16' 11" ^e	23' 11" ⁱ	21' 9" ⁱ	19' 0" ⁱ
1350S200-97	24' 4" ^e	22' 1" ^e	19' 4" ^e	27' 4" ⁱ	24' 10" ⁱ	21' 8" ⁱ	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 10" ⁱ	22' 7" ⁱ	19' 8" ⁱ
1350S250-97	25' 2" ^e	22' 11" ^e	20' 0" ^e	28' 3" ⁱ	25' 8" ⁱ	22' 5" ⁱ	22' 11" ^e	20' 9" ^e	18' 2" ^e	25' 8" ⁱ	23' 4" ⁱ	20' 5" ⁱ
1400S162-68	21' 7" ^e	19' 0" ^e	15' 6" ^e	20' 3" ^a	16' 5" ^a	12' 1" ^a	19' 8" ^e	17' 10" ^e	15' 6" ^e	20' 3" ^a	16' 5" ^a	12' 1" ^a
1400S200-68	22' 5" ^e	20' 0" ^e	16' 2" ^e	20' 11" ^a	16' 10" ^a	12' 4" ^a	20' 4" ^e	18' 6" ^e	16' 2" ^e	20' 11" ^a	16' 10" ^a	12' 4" ^a
1400S250-68	22' 8" ^e	19' 8" ^e	16' 0" ^e	20' 8" ^a	16' 9" ^a	12' 3" ^a	21' 1" ^e	19' 2" ^e	16' 0" ^e	20' 8" ^a	16' 9" ^a	12' 3" ^a
1400S162-97	24' 2" ^e	22' 0" ^e	19' 2" ^e	27' 2" ⁱ	24' 8" ⁱ	20' 4" ⁱ	22' 0" ^e	19' 11" ^e	17' 5" ^e	24' 8" ⁱ	22' 5" ⁱ	19' 7" ⁱ
1400S200-97	25' 1" ^e	22' 9" ^e	19' 11" ^e	28' 2" ⁱ	25' 7" ⁱ	21' 5" ⁱ	22' 9" ^e	20' 8" ^e	18' 1" ^e	25' 7" ⁱ	23' 3" ⁱ	20' 4" ⁱ
1400S250-97	26' 0" ^e	23' 7" ^e	20' 7" ^e	29' 2" ⁱ	26' 6" ⁱ	22' 2" ⁱ	23' 7" ^e	21' 5" ^e	18' 8" ^e	26' 6" ⁱ	24' 1" ⁱ	21' 0" ⁱ

Table Footnotes:

- "e" Requires web stiffeners at end supports.
- "i" Requires web stiffeners at interior supports.
- "a" Requires web stiffeners at all supports.

FLOOR JOIST SPAN TABLES

40 psf Dead Load and 125 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
600S162-33	6' 8" ^e	5' 7" ^e	3' 8" ^e	5' 5" ^a	4' 4" ^a	2' 11" ^a	6' 8" ^e	5' 7" ^e	3' 8" ^e	5' 5" ^a	4' 4" ^a	2' 11" ^a
600S200-33	7' 0" ^e	5' 7" ^e	3' 8" ^e	5' 6" ^a	4' 4" ^a	2' 11" ^a	7' 0" ^e	5' 7" ^e	3' 8" ^e	5' 6" ^a	4' 4" ^a	2' 11" ^a
600S162-43	8' 2" ^e	7' 1" ^e	5' 9" ^e	8' 2" ^a	7' 0" ^a	5' 3" ^a	8' 2" ^e	7' 1" ^e	5' 9" ^e	8' 2" ^a	7' 0" ^a	5' 3" ^a
600S200-43	8' 3" ^e	7' 2" ^e	5' 10" ^e	8' 3" ^a	7' 1" ^a	5' 3" ^a	8' 3" ^e	7' 2" ^e	5' 10" ^e	8' 3" ^a	7' 1" ^a	5' 3" ^a
600S250-43	8' 6" ^e	7' 4" ^e	6' 0" ^e	8' 6" ^a	7' 2" ^a	5' 4" ^a	8' 6" ^e	7' 4" ^e	6' 0" ^e	8' 6" ^a	7' 2" ^a	5' 4" ^a
600S162-54	9' 11" ^e	9' 0" ^e	7' 5" ^e	10' 6" ⁱ	9' 1" ⁱ	7' 5" ^a	9' 0" ^e	8' 2" ^e	7' 2" ^e	10' 2" ⁱ	9' 1" ⁱ	7' 5" ^a
600S200-54	10' 6" ^e	9' 6" ^e	7' 9" ^e	11' 0" ⁱ	9' 6" ⁱ	7' 9" ^a	9' 6" ^e	8' 8" ^e	7' 6" ^e	10' 8" ⁱ	9' 6" ⁱ	7' 9" ^a
600S250-54	10' 11" ^e	9' 10" ^e	8' 0" ^e	11' 4" ⁱ	9' 10" ⁱ	8' 0" ^a	9' 11" ^e	9' 0" ^e	7' 10" ^e	11' 2" ⁱ	9' 10" ⁱ	8' 0" ^a
600S162-68	10' 8" ^e	9' 9" ^e	8' 6" ^e	12' 0" ⁱ	10' 11" ⁱ	8' 11" ⁱ	9' 9" ^e	8' 10" ^e	7' 8" ^e	10' 11" ⁱ	9' 11" ⁱ	8' 8" ⁱ
600S200-68	11' 3" ^e	10' 3" ^e	8' 11" ^e	12' 8" ⁱ	11' 6" ⁱ	9' 4" ⁱ	10' 3" ^e	9' 3" ^e	8' 1" ^e	11' 6" ⁱ	10' 5" ⁱ	9' 1" ⁱ
600S250-68	11' 10" ^e	10' 9" ^e	9' 0" ^e	12' 8" ⁱ	11' 0" ⁱ	9' 0" ⁱ	10' 9" ^e	9' 9" ^e	8' 6" ^e	12' 0" ⁱ	10' 11" ⁱ	9' 0" ⁱ
600S162-97	11' 11" ^e	10' 10" ^e	9' 5" ^e	13' 5" ⁱ	12' 2" ⁱ	10' 7" ⁱ	10' 10" ^e	9' 10" ^e	8' 7" ^e	12' 2" ⁱ	11' 1" ⁱ	9' 8" ⁱ
600S200-97	12' 7" ^e	11' 5" ^e	9' 11" ^e	14' 1" ⁱ	12' 10" ⁱ	11' 2" ⁱ	11' 5" ^e	10' 4" ^e	9' 0" ^e	12' 10" ⁱ	11' 8" ⁱ	10' 2" ⁱ
600S250-97	13' 2" ^e	12' 0" ^e	10' 5" ^e	14' 9" ⁱ	13' 5" ⁱ	11' 9" ⁱ	12' 0" ^e	10' 10" ^e	9' 6" ^e	13' 5" ⁱ	12' 2" ⁱ	10' 8" ⁱ
725S162-33	6' 1" ^e	4' 7" ^e	3' 0" ^e	4' 10" ^a	3' 8" ^a	2' 5" ^a	6' 1" ^e	4' 7" ^e	3' 0" ^e	4' 10" ^a	3' 8" ^a	2' 5" ^a
725S200-33	6' 1" ^e	4' 7" ^e	3' 0" ^e	4' 10" ^a	3' 8" ^a	2' 5" ^a	6' 1" ^e	4' 7" ^e	3' 0" ^e	4' 10" ^a	3' 8" ^a	2' 5" ^a
725S162-43	9' 4" ^e	8' 1" ^e	6' 7" ^e	8' 7" ^a	6' 11" ^a	5' 1" ^a	9' 4" ^e	8' 1" ^e	6' 7" ^e	8' 7" ^a	6' 11" ^a	5' 1" ^a
725S200-43	9' 5" ^e	8' 1" ^e	6' 8" ^e	8' 7" ^a	7' 0" ^a	5' 1" ^a	9' 5" ^e	8' 1" ^e	6' 8" ^e	8' 7" ^a	7' 0" ^a	5' 1" ^a
725S250-43	9' 8" ^e	8' 4" ^e	6' 9" ^e	8' 9" ^a	7' 1" ^a	5' 2" ^a	9' 8" ^e	8' 4" ^e	6' 9" ^e	8' 9" ^a	7' 1" ^a	5' 2" ^a
725S162-54	11' 7" ^e	10' 5" ^e	8' 6" ^e	12' 1" ⁱ	10' 5" ^a	8' 1" ^a	10' 6" ^e	9' 7" ^e	8' 4" ^e	11' 10" ⁱ	10' 5" ^a	8' 1" ^a
725S200-54	12' 2" ^e	10' 10" ^e	8' 10" ^e	12' 6" ⁱ	10' 10" ^a	8' 4" ^a	11' 0" ^e	10' 0" ^e	8' 9" ^e	12' 5" ⁱ	10' 10" ^a	8' 4" ^a
725S250-54	12' 7" ^e	11' 2" ^e	9' 1" ^e	12' 11" ⁱ	11' 2" ^a	8' 5" ^a	11' 6" ^e	10' 5" ^e	9' 1" ^e	12' 10" ⁱ	11' 2" ^a	8' 5" ^a
725S162-68	12' 6" ^e	11' 4" ^e	9' 11" ^e	14' 0" ⁱ	12' 6" ⁱ	10' 2" ⁱ	11' 4" ^e	10' 3" ^e	9' 0" ^e	12' 9" ⁱ	11' 7" ⁱ	10' 1" ⁱ
725S200-68	13' 1" ^e	11' 10" ^e	10' 4" ^e	14' 8" ⁱ	13' 1" ⁱ	10' 8" ⁱ	11' 10" ^e	10' 9" ^e	9' 5" ^e	13' 4" ⁱ	12' 1" ⁱ	10' 7" ⁱ
725S250-68	13' 8" ^e	12' 5" ^e	10' 3" ^e	14' 6" ⁱ	12' 6" ⁱ	10' 3" ⁱ	12' 5" ^e	11' 3" ^e	9' 10" ^e	13' 11" ⁱ	12' 6" ⁱ	10' 3" ⁱ
725S162-97	13' 11" ^e	12' 8" ^e	11' 0" ^e	15' 7" ⁱ	14' 2" ⁱ	12' 3" ⁱ	12' 8" ^e	11' 6" ^e	10' 0" ^e	14' 2" ⁱ	12' 11" ⁱ	11' 3" ⁱ
725S200-97	14' 7" ^e	13' 3" ^e	11' 7" ^e	16' 5" ⁱ	14' 11" ⁱ	13' 0" ⁱ	13' 3" ^e	12' 0" ^e	10' 6" ^e	14' 11" ⁱ	13' 6" ⁱ	11' 10" ⁱ
725S250-97	15' 3" ^e	13' 10" ^e	12' 1" ^e	17' 2" ⁱ	15' 7" ⁱ	13' 5" ⁱ	13' 10" ^e	12' 7" ^e	11' 0" ^e	15' 7" ⁱ	14' 2" ⁱ	12' 4" ⁱ
800S162-33	5' 6" ^e	4' 1" ^e	2' 9" ^e	4' 5" ^a	3' 3" ^a	2' 2" ^a	5' 6" ^e	4' 1" ^e	2' 9" ^e	4' 5" ^a	3' 3" ^a	2' 2" ^a
800S200-33	5' 6" ^e	4' 1" ^e	2' 9" ^e	4' 5" ^a	3' 3" ^a	2' 2" ^a	5' 6" ^e	4' 1" ^e	2' 9" ^e	4' 5" ^a	3' 3" ^a	2' 2" ^a
800S162-43	9' 7" ^e	8' 3" ^e	6' 1" ^e	8' 3" ^a	6' 8" ^a	4' 10" ^a	9' 7" ^e	8' 3" ^e	6' 1" ^e	8' 3" ^a	6' 8" ^a	4' 10" ^a
800S200-43	10' 0" ^e	8' 8" ^e	6' 1" ^e	8' 6" ^a	6' 10" ^a	4' 10" ^a	10' 0" ^e	8' 8" ^e	6' 1" ^e	8' 6" ^a	6' 10" ^a	4' 10" ^a
800S250-43	10' 2" ^e	8' 10" ^e	6' 1" ^e	8' 7" ^a	6' 10" ^a	4' 10" ^a	10' 2" ^e	8' 10" ^e	6' 1" ^e	8' 7" ^a	6' 10" ^a	4' 10" ^a
800S162-54	12' 7" ^e	11' 2" ^e	9' 2" ^e	12' 11" ^a	10' 10" ^a	8' 1" ^a	11' 5" ^e	10' 4" ^e	9' 1" ^e	12' 10" ^a	10' 10" ^a	8' 1" ^a
800S200-54	13' 2" ^e	11' 6" ^e	9' 5" ^e	13' 4" ^a	11' 0" ^a	8' 2" ^a	11' 11" ^e	10' 10" ^e	9' 5" ^e	13' 4" ^a	11' 0" ^a	8' 2" ^a
800S250-54	13' 6" ^e	11' 9" ^e	9' 7" ^e	13' 6" ^a	11' 1" ^a	8' 3" ^a	12' 5" ^e	11' 3" ^e	9' 7" ^e	13' 6" ^a	11' 1" ^a	8' 3" ^a
800S162-68	13' 6" ^e	12' 3" ^e	10' 9" ^e	15' 2" ⁱ	13' 5" ⁱ	10' 11" ^a	12' 3" ^e	11' 2" ^e	9' 9" ^e	13' 9" ⁱ	12' 6" ⁱ	10' 11" ^a
800S200-68	14' 2" ^e	12' 10" ^e	11' 3" ^e	15' 11" ⁱ	14' 0" ⁱ	11' 5" ^a	12' 10" ^e	11' 8" ^e	10' 2" ^e	14' 5" ⁱ	13' 1" ⁱ	11' 5" ^a
800S250-68	14' 9" ^e	13' 5" ^e	11' 0" ^e	15' 6" ⁱ	13' 5" ⁱ	11' 0" ^a	13' 5" ^e	12' 2" ^e	10' 8" ^e	15' 1" ⁱ	13' 5" ⁱ	11' 0" ^a
800S162-97	15' 1" ^e	13' 8" ^e	11' 11" ^e	16' 11" ⁱ	15' 5" ⁱ	13' 2" ⁱ	13' 8" ^e	12' 5" ^e	10' 10" ^e	15' 5" ⁱ	14' 0" ⁱ	12' 2" ⁱ
800S200-97	15' 10" ^e	14' 4" ^e	12' 6" ^e	17' 9" ⁱ	16' 1" ⁱ	14' 0" ⁱ	14' 4" ^e	13' 0" ^e	11' 5" ^e	16' 1" ⁱ	14' 8" ⁱ	12' 9" ⁱ
800S250-97	16' 6" ^e	15' 0" ^e	13' 1" ^e	18' 6" ⁱ	16' 10" ⁱ	14' 4" ⁱ	15' 0" ^e	13' 7" ^e	11' 11" ^e	16' 10" ⁱ	15' 4" ⁱ	13' 4" ⁱ
925S162-43	10' 3" ^e	7' 11" ^e	5' 3" ^e	7' 11" ^a	6' 3" ^a	4' 2" ^a	10' 3" ^e	7' 11" ^e	5' 3" ^e	7' 11" ^a	6' 3" ^a	4' 2" ^a
925S200-43	10' 6" ^e	7' 11" ^e	5' 3" ^e	8' 1" ^a	6' 4" ^a	4' 2" ^a	10' 6" ^e	7' 11" ^e	5' 3" ^e	8' 1" ^a	6' 4" ^a	4' 2" ^a
925S250-43	10' 6" ^e	7' 11" ^e	5' 3" ^e	8' 1" ^a	6' 4" ^a	4' 2" ^a	10' 6" ^e	7' 11" ^e	5' 3" ^e	8' 1" ^a	6' 4" ^a	4' 2" ^a
925S162-54	13' 10" ^e	12' 4" ^e	9' 9" ^e	13' 0" ^a	10' 8" ^a	7' 9" ^a	12' 10" ^e	11' 8" ^e	9' 9" ^e	13' 0" ^a	10' 8" ^a	7' 9" ^a
925S200-54	14' 3" ^e	12' 4" ^e	10' 1" ^e	13' 2" ^a	10' 8" ^a	7' 10" ^a	13' 5" ^e	12' 2" ^e	10' 1" ^e	13' 2" ^a	10' 8" ^a	7' 10" ^a
925S250-54	14' 6" ^e	12' 7" ^e	10' 3" ^e	13' 3" ^a	10' 9" ^a	7' 10" ^a	13' 11" ^e	12' 7" ^e	10' 3" ^e	13' 3" ^a	10' 9" ^a	7' 10" ^a
925S162-68	15' 3" ^e	13' 10" ^e	12' 1" ^e	17' 1" ⁱ	14' 11" ⁱ	12' 0" ^a	13' 10" ^e	12' 7" ^e	11' 0" ^e	15' 6" ⁱ	14' 1" ⁱ	12' 0" ^a
925S200-68	15' 11" ^e	14' 5" ^e	12' 7" ^e	17' 10" ⁱ	15' 7" ^a	12' 4" ^a	14' 5" ^e	13' 1" ^e	11' 6" ^e	16' 3" ⁱ	14' 9" ⁱ	12' 4" ^a
925S250-68	16' 7" ^e	14' 11" ^e	12' 2" ^e	17' 3" ⁱ	14' 11" ⁱ	12' 0" ^a	15' 1" ^e	13' 8" ^e	11' 11" ^e	16' 11" ⁱ	14' 11" ⁱ	12' 0" ^a
925S162-97	17' 0" ^e	15' 5" ^e	13' 6" ^e	19' 1" ⁱ	17' 4" ⁱ	14' 8" ⁱ	15' 5" ^e	14' 0" ^e	12' 3" ^e	17' 4" ⁱ	15' 9" ⁱ	13' 9" ⁱ
925S200-97	17' 9" ^e	16' 2" ^e	14' 1" ^e	20' 0" ⁱ	18' 2" ⁱ	15' 6" ⁱ	16' 2" ^e	14' 8" ^e	12' 10" ^e	18' 2" ⁱ	16' 6" ⁱ	14' 5" ⁱ
925S250-97	18' 6" ^e	16' 10" ^e	14' 8" ^e	20' 10" ⁱ	18' 11" ⁱ	15' 11" ⁱ	16' 10" ^e	15' 3" ^e	13' 4" ^e	18' 11" ⁱ	17' 2" ⁱ	15' 0" ⁱ

FLOOR JOIST SPAN TABLES

40 psf Dead Load and 125 psf Live Load												
Member	Live Load Deflection L/360						Live Load Deflection L/480					
	Single Span			Two Equal Spans			Single Span			Two Equal Spans		
	Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.			Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24	12	16	24
1000S162-43	9' 9" ^e	7' 3" ^e	4' 10" ^e	7' 8" ^a	5' 10" ^a	3' 10" ^a	9' 9" ^e	7' 3" ^e	4' 10" ^e	7' 8" ^a	5' 10" ^a	3' 10" ^a
1000S200-43	9' 9" ^e	7' 3" ^e	4' 10" ^e	7' 9" ^a	5' 10" ^a	3' 10" ^a	9' 9" ^e	7' 3" ^e	4' 10" ^e	7' 9" ^a	5' 10" ^a	3' 10" ^a
1000S250-43	9' 9" ^e	7' 3" ^e	4' 10" ^e	7' 9" ^a	5' 10" ^a	3' 10" ^a	9' 9" ^e	7' 3" ^e	4' 10" ^e	7' 9" ^a	5' 10" ^a	3' 10" ^a
1000S162-54	14' 4" ^e	12' 5" ^e	9' 8" ^e	12' 9" ^a	10' 3" ^a	7' 6" ^a	13' 9" ^e	12' 5" ^e	9' 8" ^e	12' 9" ^a	10' 3" ^a	7' 6" ^a
1000S200-54	14' 9" ^e	12' 9" ^e	9' 8" ^e	12' 11" ^a	10' 5" ^a	7' 7" ^a	14' 4" ^e	12' 9" ^e	9' 8" ^e	12' 11" ^a	10' 5" ^a	7' 7" ^a
1000S250-54	15' 0" ^e	13' 0" ^e	9' 8" ^e	13' 1" ^a	10' 6" ^a	7' 7" ^a	14' 10" ^e	13' 0" ^e	9' 8" ^e	13' 1" ^a	10' 6" ^a	7' 7" ^a
1000S162-68	16' 3" ^e	14' 9" ^e	12' 2" ^e	17' 3" ⁱ	14' 11" ^a	11' 8" ^a	14' 9" ^e	13' 5" ^e	11' 8" ^e	16' 7" ⁱ	14' 11" ^a	11' 8" ^a
1000S200-68	16' 11" ^e	15' 5" ^e	12' 10" ^e	18' 2" ⁱ	15' 9" ^a	12' 0" ^a	15' 5" ^e	14' 0" ^e	12' 3" ^e	17' 4" ⁱ	15' 9" ^a	12' 0" ^a
1000S250-68	17' 8" ^e	15' 6" ^e	12' 8" ^e	17' 11" ⁱ	15' 6" ^a	11' 11" ^a	16' 0" ^e	14' 7" ^e	12' 8" ^e	17' 11" ⁱ	15' 6" ^a	11' 11" ^a
1000S162-97	18' 2" ^e	16' 6" ^e	14' 5" ^e	20' 5" ⁱ	18' 6" ⁱ	15' 7" ⁱ	16' 6" ^e	15' 0" ^e	13' 1" ^e	18' 6" ⁱ	16' 10" ⁱ	14' 8" ⁱ
1000S200-97	18' 11" ^e	17' 3" ^e	15' 0" ^e	21' 3" ⁱ	19' 4" ⁱ	16' 5" ⁱ	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 4" ⁱ	17' 7" ⁱ	15' 4" ⁱ
1000S250-97	19' 9" ^e	17' 11" ^e	15' 8" ^e	22' 2" ⁱ	20' 1" ⁱ	16' 10" ⁱ	17' 11" ^e	16' 3" ^e	14' 3" ^e	20' 1" ⁱ	18' 3" ⁱ	16' 0" ⁱ
1150S162-54	15' 4" ^e	12' 6" ^e	8' 4" ^e	12' 3" ^a	9' 9" ^a	6' 8" ^a	15' 4" ^e	12' 6" ^e	8' 4" ^e	12' 3" ^a	9' 9" ^a	6' 8" ^a
1150S200-54	15' 9" ^e	12' 6" ^e	8' 4" ^e	12' 5" ^a	9' 10" ^a	6' 8" ^a	15' 9" ^e	12' 6" ^e	8' 4" ^e	12' 5" ^a	9' 10" ^a	6' 8" ^a
1150S250-54	16' 1" ^e	12' 6" ^e	8' 4" ^e	12' 6" ^a	9' 11" ^a	6' 8" ^a	16' 1" ^e	12' 6" ^e	8' 4" ^e	12' 6" ^a	9' 11" ^a	6' 8" ^a
1150S162-68	18' 3" ^e	16' 0" ^e	13' 1" ^e	18' 6" ⁱ	15' 3" ^a	11' 4" ^a	16' 7" ^e	15' 1" ^e	13' 1" ^e	18' 6" ⁱ	15' 3" ^a	11' 4" ^a
1150S200-68	19' 0" ^e	16' 10" ^e	13' 9" ^e	19' 2" ^a	15' 8" ^a	11' 8" ^a	17' 3" ^e	15' 8" ^e	13' 8" ^e	19' 2" ^a	15' 8" ^a	11' 8" ^a
1150S250-68	19' 1" ^e	16' 6" ^e	13' 6" ^e	18' 11" ^a	15' 6" ^a	11' 6" ^a	17' 11" ^e	16' 3" ^e	13' 6" ^e	18' 11" ^a	15' 6" ^a	11' 6" ^a
1150S162-97	20' 5" ^e	18' 7" ^e	16' 2" ^e	22' 11" ⁱ	20' 10" ⁱ	17' 4" ⁱ	18' 7" ^e	16' 10" ^e	14' 9" ^e	20' 10" ⁱ	18' 11" ⁱ	16' 6" ⁱ
1150S200-97	21' 3" ^e	19' 4" ^e	16' 10" ^e	23' 11" ⁱ	21' 8" ⁱ	18' 2" ⁱ	19' 4" ^e	17' 7" ^e	15' 4" ^e	21' 8" ⁱ	19' 9" ⁱ	17' 3" ⁱ
1150S250-97	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 10" ⁱ	22' 6" ⁱ	18' 7" ⁱ	20' 1" ^e	18' 3" ^e	15' 11" ^e	22' 6" ⁱ	20' 6" ⁱ	17' 11" ⁱ
1200S162-54	15' 7" ^e	12' 0" ^e	8' 0" ^e	12' 1" ^a	9' 7" ^a	6' 4" ^a	15' 7" ^e	12' 0" ^e	8' 0" ^e	12' 1" ^a	9' 7" ^a	6' 4" ^a
1200S200-54	16' 0" ^e	12' 0" ^e	8' 0" ^e	12' 2" ^a	9' 7" ^a	6' 4" ^a	16' 0" ^e	12' 0" ^e	8' 0" ^e	12' 2" ^a	9' 7" ^a	6' 4" ^a
1200S250-54	16' 0" ^e	12' 0" ^e	8' 0" ^e	12' 4" ^a	9' 7" ^a	6' 4" ^a	16' 0" ^e	12' 0" ^e	8' 0" ^e	12' 4" ^a	9' 7" ^a	6' 4" ^a
1200S162-68	18' 10" ^e	16' 4" ^e	13' 4" ^e	18' 6" ^a	15' 1" ^a	11' 2" ^a	17' 3" ^e	15' 8" ^e	13' 4" ^e	18' 6" ^a	15' 1" ^a	11' 2" ^a
1200S200-68	19' 8" ^e	17' 2" ^e	14' 0" ^e	19' 1" ^a	15' 6" ^a	11' 6" ^a	17' 11" ^e	16' 3" ^e	14' 0" ^e	19' 1" ^a	15' 6" ^a	11' 6" ^a
1200S250-68	19' 5" ^e	16' 10" ^e	13' 9" ^e	18' 10" ^a	15' 4" ^a	11' 4" ^a	18' 7" ^e	16' 10" ^e	13' 9" ^e	18' 10" ^a	15' 4" ^a	11' 4" ^a
1200S162-97	21' 2" ^e	19' 3" ^e	16' 10" ^e	23' 9" ⁱ	21' 7" ⁱ	17' 11" ⁱ	19' 3" ^e	17' 6" ^e	15' 3" ^e	21' 7" ⁱ	19' 8" ⁱ	17' 2" ⁱ
1200S200-97	22' 0" ^e	20' 0" ^e	17' 6" ^e	24' 9" ⁱ	22' 6" ⁱ	18' 9" ⁱ	20' 0" ^e	18' 2" ^e	15' 11" ^e	22' 6" ⁱ	20' 5" ⁱ	17' 10" ⁱ
1200S250-97	22' 10" ^e	20' 9" ^e	18' 2" ^e	25' 8" ⁱ	23' 4" ⁱ	19' 2" ⁱ	20' 9" ^e	18' 10" ^e	16' 6" ^e	23' 4" ⁱ	21' 2" ⁱ	18' 6" ⁱ
1350S162-68	19' 10" ^e	17' 2" ^e	14' 0" ^e	18' 2" ^a	14' 8" ^a	10' 9" ^a	19' 0" ^e	17' 2" ^e	14' 0" ^e	18' 2" ^a	14' 8" ^a	10' 9" ^a
1350S200-68	20' 11" ^e	18' 1" ^e	14' 2" ^e	18' 8" ^a	15' 1" ^a	11' 0" ^a	19' 9" ^e	17' 11" ^e	14' 2" ^e	18' 8" ^a	15' 1" ^a	11' 0" ^a
1350S250-68	20' 6" ^e	17' 9" ^e	14' 2" ^e	18' 6" ^a	14' 11" ^a	10' 11" ^a	20' 5" ^e	17' 9" ^e	14' 2" ^e	18' 6" ^a	14' 11" ^a	10' 11" ^a
1350S162-97	23' 5" ^e	21' 3" ^e	18' 7" ^e	26' 4" ⁱ	23' 11" ⁱ	19' 8" ^a	21' 3" ^e	19' 4" ^e	16' 11" ^e	23' 11" ⁱ	21' 9" ⁱ	19' 0" ⁱ
1350S200-97	24' 4" ^e	22' 1" ^e	19' 4" ^e	27' 4" ⁱ	24' 10" ⁱ	20' 6" ^a	22' 1" ^e	20' 1" ^e	17' 6" ^e	24' 10" ⁱ	22' 7" ⁱ	19' 8" ^a
1350S250-97	25' 2" ^e	22' 11" ^e	20' 0" ^e	28' 3" ⁱ	25' 8" ⁱ	20' 11" ^a	22' 11" ^e	20' 9" ^e	18' 2" ^e	25' 8" ⁱ	23' 4" ⁱ	20' 5" ^a
1400S162-68	20' 2" ^e	17' 6" ^e	13' 8" ^e	18' 0" ^a	14' 6" ^a	10' 7" ^a	19' 8" ^e	17' 6" ^e	13' 8" ^e	18' 0" ^a	14' 6" ^a	10' 7" ^a
1400S200-68	21' 3" ^e	18' 5" ^e	13' 8" ^e	18' 6" ^a	14' 11" ^a	10' 10" ^a	20' 4" ^e	18' 5" ^e	13' 8" ^e	18' 6" ^a	14' 11" ^a	10' 10" ^a
1400S250-68	20' 11" ^e	18' 1" ^e	13' 8" ^e	18' 4" ^a	14' 9" ^a	10' 9" ^a	20' 11" ^e	18' 1" ^e	13' 8" ^e	18' 4" ^a	14' 9" ^a	10' 9" ^a
1400S162-97	24' 2" ^e	22' 0" ^e	18' 8" ^e	26' 5" ⁱ	22' 11" ⁱ	18' 8" ⁱ	22' 0" ^e	19' 11" ^e	17' 5" ^e	24' 8" ⁱ	22' 5" ⁱ	18' 8" ⁱ
1400S200-97	25' 1" ^e	22' 9" ^e	19' 9" ^e	27' 11" ⁱ	24' 2" ⁱ	19' 9" ^a	22' 9" ^e	20' 8" ^e	18' 1" ^e	25' 7" ⁱ	23' 3" ⁱ	19' 9" ^a
1400S250-97	26' 0" ^e	23' 7" ^e	20' 5" ^e	28' 11" ⁱ	25' 1" ⁱ	20' 5" ^a	23' 7" ^e	21' 5" ^e	18' 8" ^e	26' 6" ⁱ	24' 1" ⁱ	20' 5" ^a

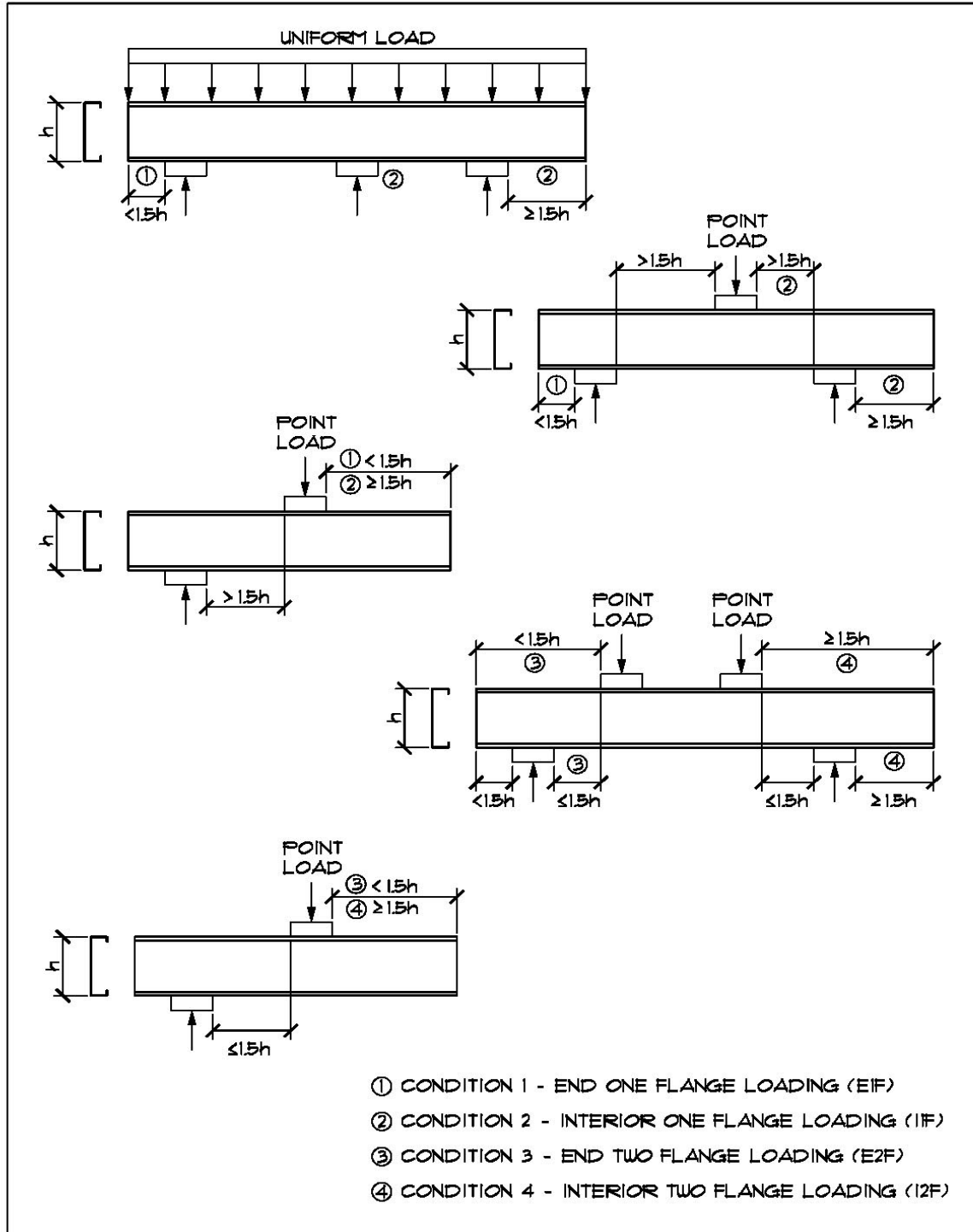
Table Footnotes:

- "e" Requires web stiffeners at end supports.
- "i" Requires web stiffeners at interior supports.
- "a" Requires web stiffeners at all supports.

WEB CRIPPLING LOAD TABLES

Table Notes

1. Only members with stiffened flanges are considered.
2. Web punchouts were not considered for the web crippling tables. A web crippling reduction factor is to be applied for web punchouts, per ICBO Acceptance Criteria AC46, Appendix B.



WEB CRIPPLING LOAD TABLES

Allowable Web Crippling Loads (lbs) - Single Members

Web Size	Design Thickness (in.)	Thickness in mils	Yield Stress (ksi)	Condition 1 Bearing Length (in.)				Condition 2 Bearing Length (in.)				Condition 3 Bearing Length (in.)				Condition 4 Bearing Length (in.)			
				1	3.5	4	6	1	3.5	4	6	1	3.5	4	6	1	3.5	4	6
162	0.0188	18	33	56	104	114	152	109	223	246	340	39	73	80	107	105	123	126	140
162	0.0283	27	33	146	242	261	337	252	426	465	623	105	173	187	241	277	307	313	338
162	0.0312	30	33	181	291	313	401	307	497	541	718	130	209	225	288	345	380	387	414
162	0.0346	33	33	227	354	380	481	377	585	634	834	164	255	274	347	435	474	482	513
250	0.0188	18	33	38	70	77	103	90	183	202	279	26	48	52	70	78	90	93	103
250	0.0283	27	33	109	180	194	251	223	378	412	551	76	126	136	176	231	256	261	281
250	0.0312	30	33	140	225	242	310	275	446	485	644	99	159	171	219	294	323	329	352
250	0.0346	33	33	182	283	304	385	343	531	576	757	129	201	216	274	377	411	418	445
250	0.0451	43	33	340	494	525	648	596	828	891	1143	244	354	377	465	699	748	757	796
250	0.0566	54	33	566	778	821	990	953	1213	1295	1625	408	562	592	715	1163	1229	1242	1294
250	0.0566	54	50	760	1045	1102	1331	1280	1629	1740	2182	549	755	796	961	1563	1651	1668	1739
250	0.0713	68	33	934	1222	1279	1509	1527	1869	1937	2330	678	886	928	1095	1929	2015	2033	2102
250	0.0713	68	50	1255	1641	1718	2027	2052	2510	2602	3131	911	1191	1247	1471	2591	2707	2731	2823
350	0.0188	18	33	33	61	67	90	82	167	184	254	21	40	43	58	59	68	70	78
350	0.0283	27	33	100	166	179	231	211	357	390	521	69	114	122	158	200	222	226	243
350	0.0312	30	33	131	210	226	289	262	424	462	612	90	145	156	200	259	284	290	310
350	0.0346	33	33	171	266	285	362	328	508	551	724	119	185	199	252	337	368	374	398
350	0.0451	43	33	325	472	501	619	577	801	862	1105	230	334	355	438	645	691	700	736
350	0.0566	54	33	546	751	792	956	928	1181	1262	1583	390	536	566	683	1095	1157	1169	1218
350	0.0566	54	50	687	944	996	1202	1247	1587	1695	2126	490	674	711	858	1472	1554	1571	1637
350	0.0713	68	33	909	1188	1244	1468	1496	1831	1898	2283	654	855	895	1056	1842	1924	1941	2007
350	0.0713	68	50	1143	1494	1564	1846	2010	2460	2550	3068	822	1075	1126	1328	2474	2585	2607	2696
350	0.1017	97	33	1918	2347	2433	2777	3080	3576	3675	4071	1391	1703	1765	2014	3974	4100	4125	4225
350	0.1017	97	50	2412	2952	3060	3492	4138	4804	4937	5470	1750	2141	2220	2533	5339	5508	5542	5676
362	0.0188	18	33	32	60	66	88	81	165	182	251	21	39	42	56	56	66	67	75
362	0.0283	27	33	99	164	177	229	209	354	387	518	68	112	121	156	196	217	221	239
362	0.0312	30	33	129	208	224	286	260	421	459	608	89	143	154	197	254	280	285	305
362	0.0346	33	33	169	264	283	359	326	505	548	720	117	183	196	249	332	363	369	393
362	0.0451	43	33	323	469	498	615	574	797	858	1101	228	331	352	434	639	684	693	728
362	0.0566	54	33	543	747	788	951	925	1178	1258	1578	388	533	562	679	1087	1148	1160	1209
362	0.0566	54	50	683	940	991	1196	1243	1582	1689	2119	487	670	707	853	1460	1542	1559	1624
362	0.0713	68	33	906	1184	1240	1462	1493	1826	1893	2278	651	851	891	1051	1831	1913	1929	1995
362	0.0713	68	50	1139	1489	1559	1839	2005	2453	2543	3060	819	1070	1121	1322	2460	2570	2592	2680
362	0.1017	97	33	1913	2342	2427	2770	3074	3569	3668	4064	1387	1697	1760	2008	3959	4084	4109	4209
362	0.1017	97	50	2406	2945	3053	3483	4130	4795	4928	5460	1744	2135	2213	2525	5318	5486	5520	5654
400	0.0283	27	33	96	159	172	222	205	347	379	506	65	107	116	149	184	204	208	224
400	0.0312	30	33	126	202	217	279	255	413	450	597	86	138	148	190	241	265	270	289
400	0.0346	33	33	165	258	276	350	320	496	538	708	114	177	190	241	318	346	352	375
400	0.0451	43	33	317	461	489	605	567	787	847	1087	222	323	343	424	619	662	671	706
400	0.0566	54	33	536	737	777	938	916	1166	1245	1562	381	524	552	666	1061	1121	1133	1181
400	0.0566	54	50	674	927	978	1180	1231	1566	1673	2098	479	658	694	838	1426	1506	1522	1586
400	0.0713	68	33	896	1171	1227	1447	1481	1812	1878	2260	642	839	879	1037	1798	1879	1895	1959
400	0.0713	68	50	1127	1473	1542	1820	1990	2434	2523	3036	807	1055	1105	1304	2416	2524	2546	2632
400	0.1017	97	33	1900	2325	2410	2750	3058	3550	3649	4043	1374	1682	1743	1989	3912	4035	4060	4158
400	0.1017	97	50	2389	2924	3031	3458	4108	4770	4902	5431	1728	2115	2192	2502	5255	5421	5454	5586
550	0.0283	27	33	84	139	149	193	187	316	345	461	53	88	95	123	137	152	155	167
550	0.0312	30	33	112	179	193	247	235	380	414	549	72	116	125	160	189	208	211	226
550	0.0346	33	33	149	232	249	315	298	461	501	658	98	153	164	208	259	282	287	305
550	0.0451	43	33	294	427	454	561	538	747	803	1031	201	292	310	383	539	577	585	615
550	0.0566	54	33	506	696	734	886	879	1119	1195	1499	353	485	512	618	959	1013	1024	1067
550	0.0566	54	50	637	876	923	1115	1181	1504	1606	2014	444	610	644	777	1289	1361	1376	1434
550	0.0713	68	33	858	1121	1174	1385	1435	1756	1820	2190	606	792	830	979	1668	1742	1757	1817
550	0.0713	68	50	1078	1410	1476	1742	1928	2359	2445	2942	762	997	1043	1231	2240	2341	2361	2441
550	0.1017	97	33	1844	2257	2340	2670	2993	3475	3571	3957	1322	1618	1678	1914	3723	3840	3864	3958
550	0.1017	97	50	2319	2839	2942	3358	4021	4668	4797	5315	1663	2035	2110	2408	5001	5159	5191	5317
600	0.0312	30	33	107	172	184	236	228	369	402	534	68	109	117	150	171	188	192	205
600	0.0346	33	33	143	223	239	304	290	450	488	642	93	145	156	197	239	260	265	282
600	0.0451	43	33	286	416	442	546	528	733	789	1012	194	282	299	370	513	549	556	585
600	0.0566	54	33	496	683	720													

WEB CRIPPLING LOAD TABLES

Allowable Web Crippling Loads (lbs) - Single Members

Web Size	Design Thickness (in.)	Thickness in mils	Yield Stress (ksi)	Condition 1 Bearing Length (in.)				Condition 2 Bearing Length (in.)				Condition 3 Bearing Length (in.)				Condition 4 Bearing Length (in.)			
				1	3.5	4	6	1	3.5	4	6	1	3.5	4	6	1	3.5	4	6
1000	0.0566	54	33	417	573	605	730	769	979	1046	1312	269	370	391	472	653	690	697	727
1000	0.0566	54	50	524	721	761	918	1033	1315	1405	1762	339	466	491	593	878	927	937	976
1000	0.0713	68	33	742	971	1016	1199	1297	1586	1644	1978	498	652	682	805	1276	1333	1344	1390
1000	0.0713	68	50	934	1221	1278	1508	1742	2131	2209	2658	627	820	858	1012	1714	1791	1806	1868
1000	0.1017	97	33	1679	2054	2129	2430	2797	3248	3338	3698	1168	1429	1481	1690	3157	3256	3276	3356
1000	0.1017	97	50	2111	2584	2678	3056	3758	4363	4484	4968	1468	1797	1863	2126	4241	4374	4401	4508
1150	0.0566	54	33	387	533	562	678	733	932	996	1249	242	332	350	423	551	582	589	613
1150	0.0566	54	50	487	670	706	852	984	1253	1338	1678	304	418	441	532	741	782	791	824
1150	0.0713	68	33	704	921	964	1137	1250	1530	1586	1908	463	605	633	747	1145	1197	1207	1248
1150	0.0713	68	50	885	1158	1212	1430	1680	2055	2130	2563	582	761	796	940	1539	1607	1621	1676
1150	0.1017	97	33	1623	1987	2059	2350	2732	3172	3260	3612	1116	1366	1416	1616	2968	3061	3080	3155
1150	0.1017	97	50	2042	2498	2590	2955	3670	4261	4379	4852	1403	1718	1780	2032	3987	4113	4138	4239
1200	0.0713	68	33	691	904	946	1116	1235	1511	1566	1885	451	589	617	728	1102	1151	1161	1200
1200	0.0713	68	50	869	1137	1190	1404	1659	2030	2104	2532	567	741	776	915	1480	1546	1560	1613
1200	0.1017	97	33	1605	1964	2036	2323	2710	3147	3234	3583	1099	1345	1394	1591	2905	2996	3015	3088
1200	0.1017	97	50	2018	2470	2560	2922	3641	4227	4344	4813	1382	1691	1753	2000	3902	4026	4050	4149
1350	0.0713	68	33	653	854	894	1054	1189	1455	1508	1814	415	542	568	670	971	1015	1023	1058
1350	0.0713	68	50	821	1073	1124	1326	1597	1954	2026	2437	522	682	714	842	1305	1363	1375	1421
1350	0.1017	97	33	1550	1897	1966	2243	2645	3071	3156	3497	1047	1282	1328	1516	2716	2802	2819	2887
1350	0.1017	97	50	1949	2385	2472	2821	3553	4125	4240	4697	1317	1612	1671	1906	3649	3764	3787	3879
1400	0.0713	68	33	640	837	876	1034	1174	1436	1488	1791	403	527	551	651	928	969	977	1011
1400	0.0713	68	50	805	1052	1102	1300	1577	1929	2000	2406	507	662	694	818	1246	1302	1313	1358
1400	0.1017	97	33	1531	1874	1943	2217	2623	3046	3130	3468	1030	1260	1307	1491	2653	2737	2754	2821
1400	0.1017	97	50	1926	2357	2443	2788	3524	4092	4205	4659	1295	1585	1643	1875	3564	3677	3699	3789

METAL RESOURCES, INC.

STEEL FRAMING COMPONENTS

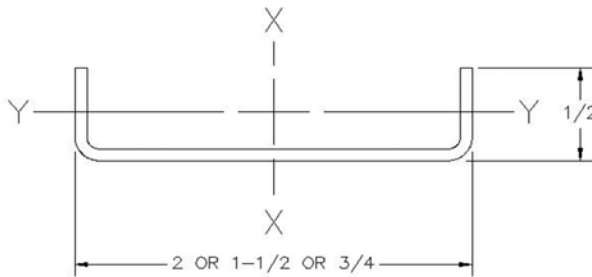
U-CHANNEL PROPERTIES

Table Notes

1. Effective Properties based on AISI "Specification for the Design of Cold-Formed Steel Structural Members" 1996 edition.
2. Effective Properties based on $F_y = 33$ ksi.
3. For deflection calculations, use the effective moment of inertia, I_{xx} (based on Procedure I of the AISI Specification).
4. All properties are based on inside corner radius = 0.0625 inches.

U-Channel Section Properties

Section	Design Thickness (in)	Gross Properties						33 ksi Effective Properties			
		Area (in ²)	Weight (lb/ft)	I_{xx} (in ⁴)	R_x (in)	I_{yy} (in ⁴)	R_y (in)	I_{xx} (in ⁴)	S_{xx} (in ³)	M_a (in-k)	V_a (lb)
075UC-54	0.0566	0.088	0.30	0.007	0.290	0.002	0.156	0.007	0.020	0.46	382
150UC-54	0.0566	0.131	0.44	0.040	0.550	0.003	0.144	0.040	0.053	1.24	943
200UC-54	0.0566	0.159	0.54	0.081	0.713	0.003	0.136	0.081	0.081	1.89	1316



U-Channel Allowable Ceiling Spans - Deflection Limit $L/240$

Section	Spans	4 psf					6 psf					13 psf					15 psf				
		Channel Spacing (in) o.c.					Channel Spacing (in) o.c.					Channel Spacing (in) o.c.					Channel Spacing (in) o.c.				
		24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
075UC-54	Single	3' 11"	3' 5"	3' 1"	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' 8"
	Multiple	4' 10"	4' 3"	3' 10"	3' 7"	3' 4"	4' 3"	3' 9"	3' 4"	3' 2"	2' 11"	3' 3"	2' 9"	2' 5"	2' 2"	1' 11"	3' 2"	2' 7"	2' 3"	2' 0"	1' 10"
150UC-54	Single	5' 7"	4' 10"	4' 5"	4' 1"	3' 11"	4' 10"	4' 3"	3' 11"	3' 7"	3' 5"	3' 9"	3' 4"	3' 0"	2' 9"	2' 7"	3' 7"	3' 2"	2' 10"	2' 7"	2' 5"
	Multiple	7' 1"	6' 3"	5' 8"	5' 3"	4' 11"	6' 3"	5' 5"	4' 11"	4' 7"	4' 4"	4' 10"	4' 2"	3' 9"	3' 6"	3' 3"	4' 7"	4' 0"	3' 7"	3' 3"	3' 0"
200UC-54	Single	5' 10"	5' 1"	4' 8"	4' 4"	4' 1"	5' 1"	4' 6"	4' 1"	3' 10"	3' 7"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"	3' 10"	3' 4"	3' 1"	2' 10"	2' 8"
	Multiple	7' 5"	6' 6"	5' 11"	5' 6"	5' 2"	6' 6"	5' 9"	5' 2"	4' 10"	4' 7"	5' 1"	4' 5"	4' 1"	3' 9"	3' 7"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"

U-Channel Allowable Ceiling Spans - Deflection Limit $L/360$

Section	Spans	4 psf					6 psf					13 psf					15 psf				
		Channel Spacing (in) o.c.					Channel Spacing (in) o.c.					Channel Spacing (in) o.c.					Channel Spacing (in) o.c.				
		24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
075UC-54	Single	3' 5"	3' 0"	2' 9"	2' 6"	2' 5"	3' 0"	2' 7"	2' 5"	2' 3"	2' 1"	2' 4"	2' 0"	1' 10"	1' 8"	1' 7"	2' 3"	1' 11"	1' 9"	1' 8"	1' 6"
	Multiple	4' 3"	3' 9"	3' 4"	3' 2"	2' 11"	3' 9"	3' 3"	2' 11"	2' 9"	2' 7"	2' 10"	2' 6"	2' 3"	2' 1"	1' 11"	2' 9"	2' 5"	2' 2"	2' 0"	1' 10"
150UC-54	Single	5' 7"	4' 10"	4' 5"	4' 1"	3' 11"	4' 10"	4' 3"	3' 11"	3' 7"	3' 5"	3' 9"	3' 4"	3' 0"	2' 9"	2' 7"	3' 7"	3' 2"	2' 10"	2' 7"	2' 5"
	Multiple	7' 1"	6' 3"	5' 8"	5' 3"	4' 11"	6' 3"	5' 5"	4' 11"	4' 7"	4' 4"	4' 10"	4' 2"	3' 9"	3' 6"	3' 3"	4' 7"	4' 0"	3' 7"	3' 3"	3' 0"
200UC-54	Single	5' 10"	5' 1"	4' 8"	4' 4"	4' 1"	5' 1"	4' 6"	4' 1"	3' 10"	3' 7"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"	3' 10"	3' 4"	3' 1"	2' 10"	2' 8"
	Multiple	7' 5"	6' 6"	5' 11"	5' 6"	5' 2"	6' 6"	5' 9"	5' 2"	4' 10"	4' 7"	5' 1"	4' 5"	4' 1"	3' 9"	3' 7"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"

Table Footnotes:

1. Multiple span indicates two or more equal spans with channel continuous over interior supports.
2. End and interior bearing length = 0.75". Web stiffeners are not required.
3. Listed spans are based on unbraced compression flanges.

METAL RESOURCES, INC.

STEEL FRAMING COMPONENTS

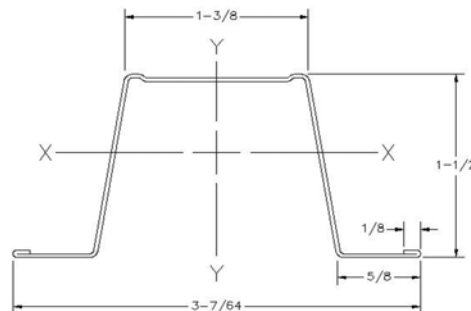
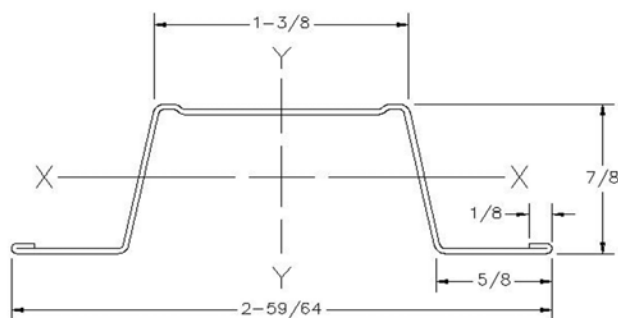
HAT FURRING CHANNEL PROPERTIES

Table Notes

1. Effective Properties based on AISI "Specification for the Design of Cold-Formed Steel Structural Members" 1996 edition.
2. Design thickness used for determination of properties. Minimum delivered thickness must be no less than 95% of design thickness.
3. For deflection calculations, use the effective moment of inertia, I_{xx} (based on Procedure I of the AISI Specification).
4. Effective properties are given as the minimum value for positive or negative bending.

Hat Furring Channel Section Properties

Section	Fy (ksi)	Design Thickness (in)	Gross Properties						Effective Properties		
			Area (in ²)	Weight (lb/ft)	I_{xx} (in ⁴)	R_x (in)	I_{yy} (in ⁴)	R_y (in)	I_{xx} (in ⁴)	S_{xx} (in ³)	Ma (in-k)
087FC-18	33	0.0188	0.080	0.271	0.011	0.365	0.053	0.820	0.0092	0.0162	26.63
087FC-30	33	0.0312	0.130	0.442	0.169	1.140	0.087	0.820	0.0168	0.0326	53.64
087FC-43	33	0.0451	0.185	0.628	0.023	0.355	0.125	0.821	0.0233	0.0518	85.36
150FC-18	33	0.0188	0.103	0.352	0.036	0.591	0.077	0.862	0.0318	0.0348	57.27
150FC-30	33	0.0312	0.170	0.577	0.058	0.586	0.126	0.862	0.0576	0.0675	111.18
150FC-43	33	0.0451	0.242	0.823	0.081	0.580	0.180	0.862	0.0815	0.1062	174.90



Hat Furring Channel Allowable Ceiling Spans - Deflection Limit L/240

Section	Fy (ksi)	Spans	4 psf			6 psf			13 psf		
			Channel Spacing (in) o.c.			Channel Spacing (in) o.c.			Channel Spacing (in) o.c.		
			12	16	24	12	16	24	12	16	24
087FC-18	33	Single	4' 0"	4' 0"	4' 0"	6' 0"	6' 0"	6' 0"	13' 0"	13' 0"	13' 0"
	33	Multiple	4' 0"	6' 0"	4' 0"	6' 0"	6' 0"	6' 0"	13' 0"	13' 0"	13' 0"
087FC-30	33	Single	12' 0"	16' 0"	24' 0"	12' 0"	16' 0"	24' 0"	12' 0"	4' 0"	24' 0"
	33	Multiple	12' 0"	16' 0"	24' 0"	12' 0"	16' 0"	24' 0"	12' 0"	16' 0"	24' 0"
087FC-43	33	Single	52' 2"	39' 1"	26' 1"	34' 9"	26' 1"	17' 5"	16' 1"	12' 0"	8' 0"
	33	Multiple	9' 0"	48' 11"	32' 7"	43' 6"	32' 7"	21' 9"	20' 1"	15' 1"	10' 0"
150FC-18	33	Single	140' 7"	105' 5"	70' 3"	93' 8"	70' 3"	46' 10"	43' 3"	32' 5"	21' 7"
	33	Multiple	175' 8"	131' 9"	87' 10"	117' 2"	87' 10"	58' 7"	54' 1"	40' 7"	27' 0"
150FC-30	33	Single	274' 4"	205' 9"	137' 2"	182' 10"	137' 2"	91' 5"	84' 5"	63' 4"	42' 2"
	33	Multiple	342' 11"	257' 2"	171' 5"	228' 7"	171' 5"	114' 4"	105' 6"	79' 2"	52' 9"
150FC-43	33	Single	49' 11"	37' 6"	24' 12"	33' 4"	24' 12"	16' 8"	15' 4"	11' 6"	7' 8"
	33	Multiple	62' 5"	46' 10"	31' 3"	41' 8"	31' 3"	20' 10"	19' 3"	14' 5"	9' 7"

Hat Furring Channel Allowable Ceiling Spans - Deflection Limit L/360

Section	Fy (ksi)	Spans	4 psf			6 psf			13 psf		
			Channel Spacing (in) o.c.			Channel Spacing (in) o.c.			Channel Spacing (in) o.c.		
			12	16	24	12	16	24	12	16	24
087FC-18	33	Single	4' 8"	4' 3"	3' 8"	4' 1"	3' 8"	3' 3"	3' 2"	2' 10"	2' 6"
	33	Multiple	5' 9"	5' 3"	4' 7"	5' 0"	4' 7"	4' 0"	3' 11"	3' 6"	2' 10"
087FC-30	33	Single	5' 8"	5' 2"	4' 6"	5' 0"	4' 6"	3' 11"	3' 10"	3' 6"	3' 1"
	33	Multiple	7' 0"	6' 5"	5' 7"	6' 2"	5' 7"	4' 10"	4' 9"	4' 4"	3' 9"
087FC-43	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' 1"	6' 3"	6' 10"	6' 3"	5' 5"	5' 4"	4' 10"	4' 2"
150FC-18	33	Single	7' 0"	6' 5"	5' 7"	6' 2"	5' 7"	4' 10"	4' 9"	4' 4"	3' 9"
	33	Multiple	8' 8"	7' 11"	6' 11"	7' 7"	6' 11"	6' 0"	5' 10"	5' 0"	3' 11"
150FC-30	33	Single	8' 7"	7' 9"	6' 10"	7' 6"	6' 10"	5' 11"	5' 9"	5' 3"	4' 7"
	33	Multiple	10' 7"	9' 8"	8' 5"	9' 3"	8' 5"	7' 4"	7' 2"	6' 6"	5' 8"
150FC-43	33	Single	9' 7"	8' 9"	7' 8"	8' 5"	7' 8"	6' 8"	6' 6"	5' 11"	5' 2"
	33	Multiple	11' 11"	10' 10"	9' 5"	10' 5"	9' 5"	8' 3"	8' 0"	7' 4"	6' 4"

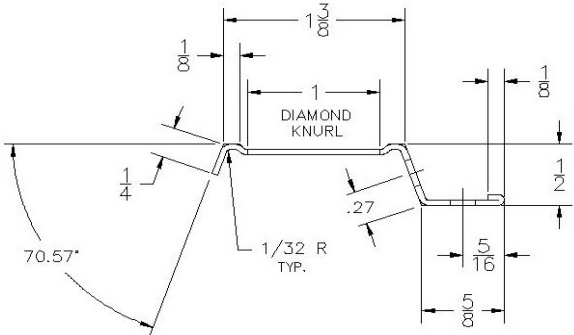
Table Footnotes:

1. Single spans taken as the minimum span based on moment, shear, web crippling or deflection
2. Multiple spans indicate two or more equal, continuous spans with span length measured support to support.
3. Multiple spans taken as the minimum span based on moment, shear, web crippling, deflection, combined bending and shear or combined and web crippling
4. Web crippling values based on 1" bearing at end and interior supports.

OTHER ACCESSORY PRODUCTS

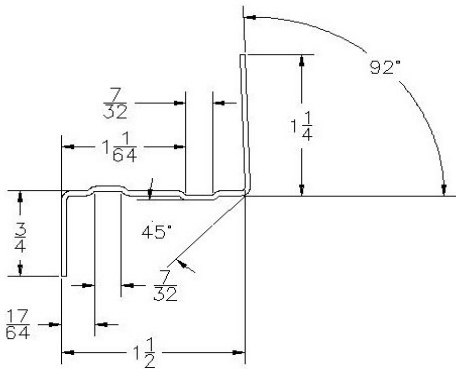
Resilient Channel (RC-1)

Section	Fy (ksi)	Design Thickness (in)
137RC1-18	33	0.0188
137RC1-30	33	0.0312



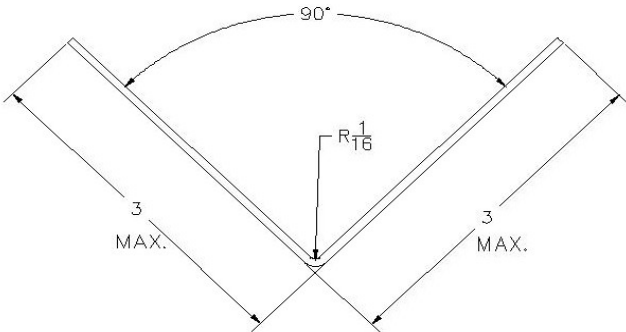
Z-Furring

Section	Fy (ksi)	Design Thickness (in)
150ZF-18	33	0.0188
150ZF-30	33	0.0312



Rolled Angles

Section	Fy (ksi)	Design Thickness (in)
100A-18	33	0.0188
100A-27	33	0.0283
100A-30	33	0.0312
100A-33	33	0.0346
100A-43	33	0.0451
100A-54	33	0.0566
150A-18	33	0.0188
150A-27	33	0.0283
150A-30	33	0.0312
150A-33	33	0.0346
150A-43	33	0.0451
150A-54	33	0.0566
200A-18	33	0.0188
200A-27	33	0.0283
200A-30	33	0.0312
200A-33	33	0.0346
200A-43	33	0.0451
200A-54	33	0.0566
300A-18	33	0.0188
300A-27	33	0.0283
300A-30	33	0.0312
300A-33	33	0.0346
300A-43	33	0.0451
300A-54	33	0.0566



METAL RESOURCES, INC.
STEEL FRAMING COMPONENTS

OTHER ACCESSORY PRODUCTS

Flat Stock

Section	Fy (ksi)	Design Thickness (in)
200FS-18	33	0.0188
200FS-27	33	0.0283
200FS-33	33	0.0346
200FS-43	33	0.0451
200FS-54	33	0.0566
200FS-68	33	0.0713
200FS-97	33	0.1017
300FS-18	33	0.0188
300FS-27	33	0.0283
300FS-33	33	0.0346
300FS-43	33	0.0451
300FS-54	33	0.0566
300FS-68	33	0.0713
300FS-97	33	0.1017
400FS-18	33	0.0188
400FS-27	33	0.0283
400FS-33	33	0.0346
400FS-43	33	0.0451
400FS-54	33	0.0566
400FS-68	33	0.0713
400FS-97	33	0.1017
500FS-18	33	0.0188
500FS-27	33	0.0283
500FS-33	33	0.0346
500FS-43	33	0.0451
500FS-54	33	0.0566
500FS-68	33	0.0713
500FS-97	33	0.1017
600FS-18	33	0.0188
600FS-27	33	0.0283
600FS-33	33	0.0346
600FS-43	33	0.0451
600FS-54	33	0.0566
600FS-68	33	0.0713
600FS-97	33	0.1017
800FS-18	33	0.0188
800FS-27	33	0.0283
800FS-33	33	0.0346
800FS-43	33	0.0451
800FS-54	33	0.0566
800FS-68	33	0.0713
800FS-97	33	0.1017
1200FS-18	33	0.0188
1200FS-27	33	0.0283
1200FS-33	33	0.0346
1200FS-43	33	0.0451
1200FS-54	33	0.0566
1200FS-68	33	0.0713
1200FS-97	33	0.1017

Note: The sections shown to the left are the most common sizes, however, Flat Stock is also available in all gauges from 25 GA to 12 GA, in widths up to 12" and in all lengths starting from 6".

Material Safety Data Sheet

Galvanized (Hot Dipped) Sheet – Carbon Steel

1. Product and company identification

Common name	: Galvanized (Hot Dipped) Sheet – Carbon Steel	
Material uses	: Utilized in steel framing components and accessories.	
Supplier/Manufacturer	: Metal Resources Inc 201 Mississippi St, Gary, IN 46402 Phone: 630-616-1850 Fax: 630-568-5979 www.mristeel framing.com	
In case of emergency	: 630-616-1850	
MSDS authored by:	: Kemika XXI Inc. + 1-450-435-7475	12/30/2005

2. Hazards identification

Physical state	: Solid.
Odor	: Odorless.
Color	: Metallic gray.
Hazard status	: This material is classified hazardous under OSHA regulations in the United States and the WHMIS Controlled Product Regulation in Canada.
Emergency overview	: WARNING ! MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: BLOOD, KIDNEYS, LUNGS, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM. When product is subjected to welding, burning, melting, sawing, brazing, grinding, or other similar processes, potentially hazardous airborne particulate and fumes may be generated. Avoid inhalation of metal dusts and fumes. Operations having the potential to generate airborne particulates should be performed in well ventilated areas and, if appropriate, respiratory protection and other personal protective equipment should be used.
Routes of entry	: Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects	
Eyes	: May cause eye irritation. Particles of iron or iron compounds, which become imbedded in the eye, may cause rust stains unless removed fairly promptly.
Skin	: May cause skin irritation upon contact. May cause sensitization by skin contact.
Inhalation	: May cause respiratory tract irritation. Excessive inhalation of fumes of freshly formed metal oxide particles sized below 1.5 microns and usually between 0.02-0.05 microns from many metals can produce an acute reaction known as "metal fume fever".
Ingestion	: Ingestion of dust may cause nausea and/or vomiting.
Potential chronic health effects	: Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. Mutagenic effects: Not available. Teratogenic effects: Not available.
Medical conditions aggravated by over-exposure	: Repeated or prolonged contact with chemical surface treatments or oil residue may cause skin irritation, dermatitis, ulceration or allergic reactions in sensitized individuals. Long-term inhalation exposure to high concentrations (over-exposure) to pneumoconiotic agents may act synergistically with inhalation of oxides, fumes or dusts of this product to cause toxic effects. Repeated or prolonged exposure to the substance can produce target organ damage.

See toxicological information (section 11)

3. Composition/information on ingredients

United States

Name	CAS number	%
Iron	7439-89-6	70 - 100
Zinc	7440-66-6	3 - 5
Manganese	7439-96-5	1 - 3

Canada

Name	CAS number	%
Iron	7439-89-6	70 - 100
Zinc	7440-66-6	3 - 5
Manganese	7439-96-5	1 - 3

4 . First aid measures

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Get medical attention if symptoms occur.
- Inhalation** : For over-exposure to airborne fumes and particulate, remove exposed person to fresh air. If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear. Metal fume fever may be treated by bed rest, and administering a pain and fever reducing medication.
- Ingestion** : Not a probable route of industrial exposure.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

5 . Fire-fighting measures

- Flammability of the product** : Non-flammable.
- Products of combustion** : At temperatures above the melting point, fumes containing metal oxides and other alloying elements may be liberated. The acrylic resin in the coating may yield particulates which are irritating to the eyes and respiratory tract and noxious gases such as the oxides of carbon.
- Extinguishing media**
- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : Do not use water on molten metal.
- Special exposure hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Collect material in appropriate, labeled containers for recovery or disposal in accordance with federal, state, and local regulations.
- Methods for cleaning up** : For spills involving finely divided particles, clean-up personnel should be protected against contact with eyes and skin. If material is in a dry state, avoid inhalation of dust. Fine, dry material should be removed by vacuuming or wet sweeping methods to prevent spreading of dust. Avoid using compressed air. Avoid creating dusty conditions and prevent wind dispersal.

7 . Handling and storage

- Handling** : Operations with the potential for generating high concentrations of airborne particulates should be evaluated and controlled as necessary. Avoid breathing metal fumes and/or dust.
- Storage** : Store away from acids and incompatible materials.

8 . Exposure controls/personal protection

United States

Product name

Iron

Zinc

Manganese

Exposure limits

ACGIH TLV (United States).

TWA: 10 mg/m³ 8 hour(s). Form: Inhalable particle.

ACGIH (United States).

TLV: 5 mg/m³ Form: Dust

OSHA (United States).

PEL: 5 mg/m³ Form: Dust

ACGIH TLV (United States, 1/2005).

TWA: 0.2 mg/m³ 8 hour(s). Form: All forms.

OSHA PEL (United States, 8/1997).

CEIL: 5 mg/m³ Form: Fume

Canada

Product name

Iron

Zinc

Manganese

Exposure limits

ACGIH TLV (Canada).

TWA: 10 mg/m³ 8 hour(s). Form: Inhalable particle.

ACGIH TLV (Canada).

TLV: 5 mg/m³ Form: Dust

ACGIH TLV (Canada, 1/2005).

TWA: 0.2 mg/m³ 8 hour(s). Form: All forms.

Engineering measures

- : No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection

Eyes

- : Safety glasses.

Skin

- : Lab coat.

Respiratory

- : Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

Hands

- : Natural rubber (latex).



Other protection

- : For operations which result in elevating the temperature of the product to or above its melting point or result in the generation of airborne particulates, use protective clothing, gloves and safety glasses to prevent skin and eye contact. Contact lenses should not be worn where industrial exposures to this material are likely. Use safety glasses or goggles as required for welding, burning, sawing, brazing, grinding or machining operations. Protective gloves should be worn as required for welding, burning or handling operations. Where the surface treatments are applied to the product, wear gloves when handling. Do not continue to use gloves or work clothing that has become saturated or soaked through with oil coating. Wash skin that has been exposed to oil with soap and water or waterless hand cleaner.

Personal protection in case of a large spill

- Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9 . Physical and chemical properties

Physical state

- : Solid.

Color

- : Metallic gray.

Odor

- : Odorless.

Melting/freezing point

- : Base Metal – 2750°F Metallic Coating – 800-900°F

Relative density

- : 7.85

Dispersibility properties

- : Not dispersible in cold water, hot water.

Solubility

- : Insoluble in cold water, hot water.

10 . Stability and reactivity

Stability and reactivity

- : The product is stable.

Incompatibility with various substances

- : Will react with strong acids to form hydrogen. Iron oxide dusts in contact with calcium hypochlorite evolve oxygen and may cause an explosion.

Hazardous decomposition products

- : Thermal oxidative decomposition of galvanized steel products can produce fumes containing oxides of zinc, iron and manganese as well as other elements. The acrylic resin in the coating may yield irritating particulates and noxious gases such as the oxides of carbon upon thermal oxidative decomposition.

Hazardous polymerization

- : Will not occur.

11 . Toxicological information

Acute Effects

- Eyes** : May cause eye irritation. Particles of iron or iron compounds, which become imbedded in the eye, may cause rust stains unless removed fairly promptly.
- Skin** : May cause skin irritation upon contact. May cause sensitization by skin contact.
- Inhalation** : May cause respiratory tract irritation. Excessive inhalation of fumes of freshly formed metal oxide particles sized below 1.5 microns and usually between 0.02-0.05 microns from many metals can produce an acute reaction known as "metal fume fever".
- Ingestion** : Ingestion of dust may cause nausea and/or vomiting.
- Potential chronic health effects** : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects: Not available.
Teratogenic effects: Not available.
- Target organs** : Contains material which causes damage to the following organs: blood, kidneys, lungs, upper respiratory tract, skin, central nervous system (CNS).

12 . Ecological information

Zinc	Daphnia magna (EC50)	48 hour(s)	2.8 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.238 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.24 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.41 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	0.56 mg/l
	Daphnia magna (LC50)	96 hour(s)	0.57 mg/l
Manganese	Daphnia magna (EC50)	48 hour(s)	40 mg/l

Environmental precautions : TOXIC TO AQUATIC ORGANISMS. May cause long-term adverse effects in the aquatic environment.

Products of degradation : Some metallic oxides.

13 . Disposal considerations

Waste disposal : Steel scrap should be recycled whenever possible. Product dusts and fumes from processing operations should also be recycled, or classified by a competent environmental professional and disposed of in accordance with applicable federal, state or local regulations.

14 . Transport information

Regulatory information

UN/ IMDG/IATA DOT/TDG : Not regulated.

15 . Regulatory information

United States

- HCS Classification** : Target organ effects
- U.S. Federal regulations** : TSCA 6 proposed risk management: Lead
TSCA 8(b) inventory: All components listed.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: Manganese; Zinc
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Iron: Fire hazard; Manganese: reactive, Immediate (acute) health hazard, Delayed (chronic) health hazard; Zinc: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard
Clean Water Act (CWA) 307: Copper; Lead; Zinc
Clean Water Act (CWA) 311: No products were found.
Clean Air Act (CAA) 112 accidental release prevention: No products were found.
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

SARA 313

Product name **CAS number** **Concentration**

Form R - Reporting requirements	Zinc	7440-66-6	3 - 5
	Manganese	7439-96-5	1 - 3
Supplier notification	Zinc	7440-66-6	3 - 5
	Manganese	7439-96-5	1 - 3

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations : Pennsylvania RTK: Copper: (environmental hazard, generic environmental hazard); Manganese: (environmental hazard, generic environmental hazard); Silicon: (generic environmental hazard); Sulfur: (generic environmental hazard); Aluminum: (environmental hazard, generic environmental hazard); Lead: (environmental hazard, generic environmental hazard); Zinc: (environmental hazard, generic environmental hazard)
 Massachusetts RTK: Copper; Manganese; Silicon; Sulfur; Aluminum; Lead; Zinc
 New Jersey: Copper; Manganese; Silicon; Sulfur; Aluminum; Lead; Zinc

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Lead	Yes.	Yes.	15 µg/day (ingestion)	Yes.

Canada

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (Very toxic).



DSL : All components listed.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

International lists : All components listed are listed on major international inventories or exempted from being listed in Australia (AICS), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI/MOL), Philippines (RA6969).

16 . Other information

Label requirements (U.S.A.) : MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: BLOOD, KIDNEYS, LUNGS, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM.

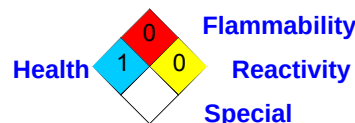
Hazardous Material Information System (U.S.A.) :

HMIS RATING		
Health	*	1
Fire hazard		0
Physical Hazard		0
Personal protection		C

HAZARD RATINGS

4- Extreme
 3- Serious
 2- Moderate
 1- Slight
 0- Minimal

National Fire Protection Association (U.S.A.) :



References

: ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005.

Date of issue : 12/30/2005
Version : 1

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