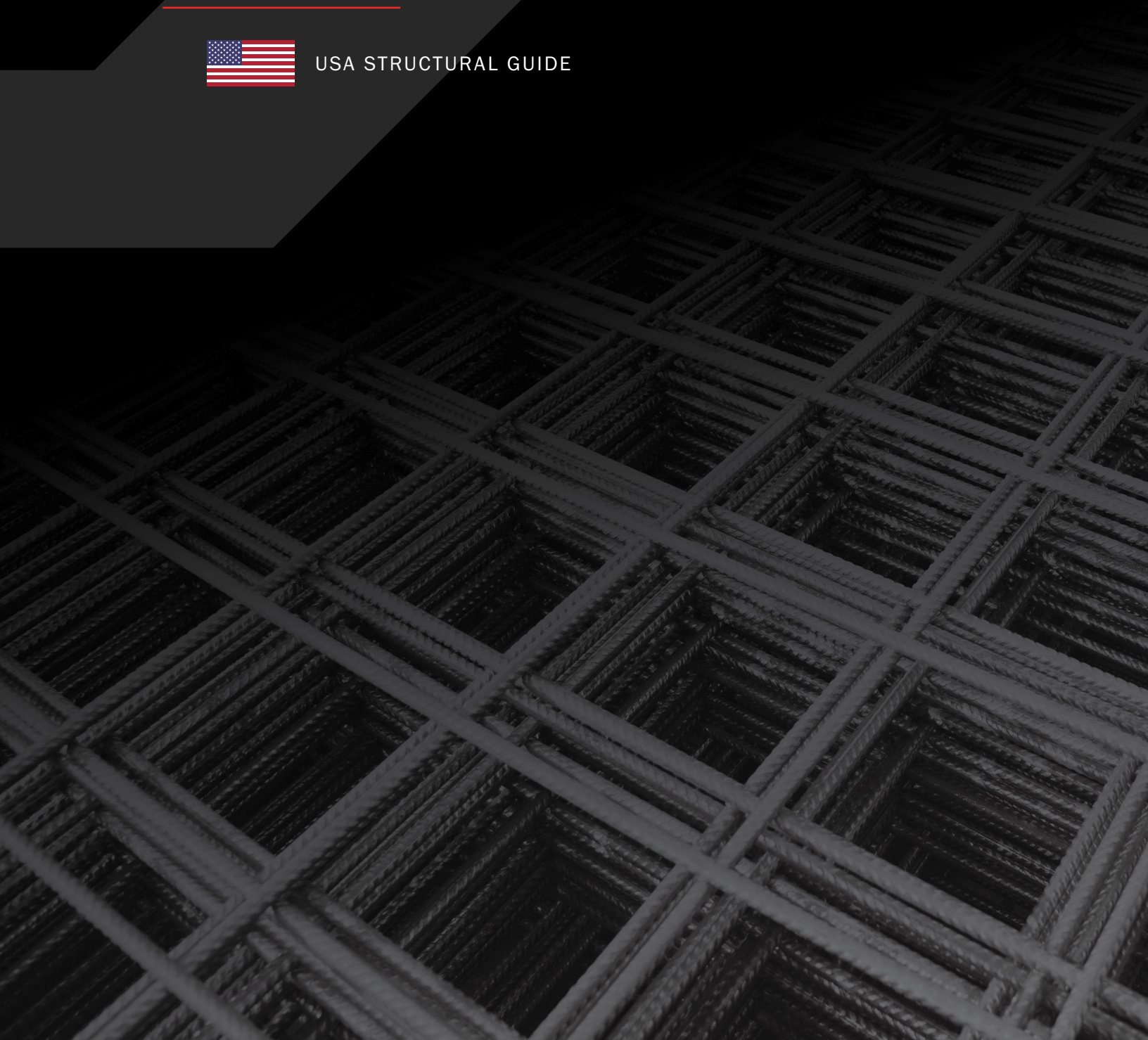




USA STRUCTURAL GUIDE





SUPERFORM PRODUCTS LTD. INSULATED CONCRETE FORM (ICF) USA STRUCTURAL GUIDE

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Subject

SuperForm Products Ltd. Insulated Concrete Forms (ICF)

Scope of SuperForm ICF Structural Guide – USA

This structural guide is for the construction of buildings using Superform ICF products in accordance with the structural requirements of the 2024 International Building Code (IBC) and 2024 International Residential Code (IRC).

In this guide, the reinforcement tables presented are intended to be used for i) Preparing prescriptive installations in compliance with the IRC, and, ii) Estimating reinforcing for construction where professional design is required in accordance with the IBC. The lintel tables, general information on preparation of ICF foundation and above grade walls, and all diagrams and drawing details are prepared to apply to both the IBC and IRC design tables.

Reinforcement tables are applicable to ICF foundation walls, ICF above grade walls and ICF lintels that are 4, 6, 6.5, 8 or 10-inches thick in non-loading bearing or loadbearing applications.

Tables for equitable foundation wall sizes are separated into two groupings of Seismic Design Categories: 1) A-C, and 2) D (D₀, D₁, D₂). There are different reinforcing details for these groupings.

Superform ICF forms and the scope of this structural guide are for the forming of concrete walls only. All other structural elements and non-structural elements of the building interacting with the stay-in-place forms and concrete walls are not provided by Superform ICF and must comply with applicable codes and local building authority.

This prescriptive engineering guide shall be used as a reference only. It is not to be used as a specification or drawings to serve as design documents for any construction project. It is the user's responsibility to ensure the information provided meets local building code requirements and construction practices. Structural designers using this guide must prepare project-specific calculations and drawings corresponding to the actual building design conditions. Superform ICF and BOCA Engineering assume no responsibility for misinterpretation or misuse of this guide.

In order to keep the contents of this guide up to date, a review and renewal of the contents are conducted on an annual period. This edition of the guide is set to expire on 2026-12-31. If in use past this date, please contact Superform Products LTD. for the newest applicable edition.

COMPLIANCE STATEMENT

The concrete wall structural details when installed per the conditions as specified in this report meet 2024 International Building Code (IBC) and 2024 International Residential Code (IRC) requirements.



Signed

This guide has been prepared and reviewed on behalf of BOCA Engineering Co. by:

Chris Bowness, P.Eng., P.E.

2025-12-31

Date





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1.0 Superform ICF Description

Superform Insulated Concrete Forms (ICF) are modular concrete formworks comprised of Type II expanded polystyrene (EPS) foam plastic thermal insulation panels connected with high density plastic crossties. Superform ICF are placed onsite as stay-in-place forms for concrete placement. Foam plastic panels are 1.5 pcf nominal density, 2-1/2-inches to 2-3/4-inches thick, with a concrete wall thickness of 4, 6, 6.5, 8, or 10-inches. Superform ICF meets ASTM E2634 *Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems*, as referenced in Section 1903.4 of the 2024 IBC, and Sections R404.1.3.3.6.1 and R608.4. of the 2024 IRC.

2.0 Design Parameters for Using Superform ICF Wall Reinforcing Tables

2.1 GENERAL

The building dimensions, weight of materials, occupancy loading, and climatic loading must be within the limitations of IRC Section 301 Design Criteria for the prescriptive solutions presented in this guide to apply. Additional limitations which specifically apply to ICF concrete foundation walls, ICF concrete above-grade walls, or ICF lintels will be outlined subsequently throughout this guide.

The weight of concrete in Superform ICF is estimated as 150 lbs/ft³.

2.2 FOUNDATION WALLS BELOW GRADE

Walls are not subject to hydrostatic pressures or surcharges, with a level surface grade at the backfill.

Foundation walls shall be laterally supported at both the top and bottom in accordance with IRC R404.1.3.2 by methods in accordance with the code and as acceptable to the building authority.

Foundation walls are designed to support light-framed walls over in accordance with the IRC, or above-grade ICF concrete walls built in accordance with this guide and the IRC.

2.3 ABOVE GRADE WALLS

Above-grade ICF concrete walls must fall within the building dimensions and loading conditions of IRC R608.2, where:

- i. The building height does not exceed 35-feet, or two-stories, plan dimensions do not exceed 60-feet, floor spans do not exceed 32-feet, and roof spans do not exceed 40-feet.
- ii. Maximum service-level, unfactored design loads are equal to or less than:

Maximum Design Loads for Above -Grade Concrete Walls		
	Dead (psf)	Live (psf)
Roof/Ceiling	15	80 (Snow + live)
Floor/Ceiling	10	40
Attic	-	20
Roof Projections	Maximum 2 ft, 8 psf dead load	
Ground Snow	-	70
Wind	Exposure Category B: V _{ult} up to 160 mph	
	Exposure Category C: V _{ult} up to 136 mph	
	Exposure Category D: V _{ult} up to 125 mph	
	Risk Category: II	
Seismic	One and Two Family Dwellings	Design Cat. A, B, or C
	Townhouses	Design Cat. A or B



Above-grade walls are constructed in accordance with the details within the dimensional limits of the drawings in this guide.

Above-grade walls must be laterally supported on the top and bottom by a floor or roof framing system, or slab-on-grade, by methods in accordance with IRC 608.6.1.

Minimum reinforcing and solid wall lengths are installed according to the tables in this guide, for the applicable referenced building dimensions and loading conditions.

Solid wall lengths tables in this guide are based on IRC Tables 608.7.1.1 (1) – (3) and have been simplified and expanded for typical building dimensions. The IRC tables provide allowance for applying reduction factors based on building conditions and reinforcing, and may be used as an alternate approach to using the tables in this guide.

The solid wall length tables in this guide are not permitted to be reduced beyond what is presented in the tables.

At all exterior wall corners, solid wall segments are required each way and must be a minimum length of 2-feet.

The minimum length of a solid wall segment to qualify in the summation is 2-feet, and no more than two segments of less than 4-feet in length may be used in the total summed solid wall length along either the end or side wall as applicable.

The cumulative width of openings must not exceed 70% of the total wall length along a projected straight-line elevation of a side or end wall, as applicable.

The maximum clear span of any opening is 18-feet, and as applicable for the appropriate maximum allowable span of the corresponding lintel table.

2.4 LINTELS IN LOAD-BEARING AND NON-LOAD BEARING OPENINGS

Reinforced lintels are required for all openings greater than 2-feet in all load-bearing and non-loadbearing Superform ICF foundation or above-grade walls.

The Figures and Tables in this guide for lintel reinforcing of load-bearing and non-loadbearing walls are based on IRC Figures 608.8(1) – (2) and Tables 608.8(1) – (4) & (9), with simplified load cases to represent commonly encountered design conditions.

The lintel tables in this guide apply to uniformly loaded spans up to 18-feet. For lintels supporting concentrated loads, such as from roof or floor beams or girders, spans exceeding 18-feet, or loading conditions other than those stated, lintels shall be designed per ACI 318 in accordance with IRC 608.8.2.



3.0 Preparation of Superform ICF

3.1 FOUNDATION WALLS BELOW GRADE

Concrete materials and preparation to comply with IRC R404.1.3.3.

Steel reinforcing to comply with IRC R404.1.3.3.7.1.

Footings in unity with Superform ICF walls to comply with IRC R403.

Backfill drainage to be prepared as per IRC R405.

Waterproofing and damproofing to be prepared as per IRC R406.

Walls interrupted by openings are to be additionally reinforced in accordance with IRC R404.1.3.3.7.3 with extra vertical bars of the same dimension placed within 12-inches of each side of the opening.

Lintels in openings of the stem of foundation walls protruding above-grade are to be prepared in accordance with IRC R608.8 and the Lintel Tables and Figures within this guide.

Lap splices in horizontal and vertical reinforcing bars are to comply with IRC R404.1.3.3.7.5. The minimum overlap of #4 bars is 30-inches and #5 bars is 38-inches. The maximum gap between #4 or #5 60 ksi splice bars is 6-inches. Refer to Code for overlap and maximum gap of other bar types.

Construction joints are made according to IRC R404.1.3.3.7.8. In plain concrete walls and 6-inch concrete walls with reinforcing at 48-inch o/c, joints are to be located at points of lateral support and have #4 bars spaced at 24-inch o/c extending a minimum of 12-inches embedment on each side of the joint. In reinforced foundations walls (other than 6-inch walls reinforced at 48-inch o/c), construction joints are to be located in the middle third of the unsupported span or prepared as those for plain concrete walls.

All further details as required by IRC R404 applicable to the design are to be followed.

3.2 ABOVE-GRADE WALLS

Concrete materials and preparation are to comply with IRC R608.5.1.

Steel reinforcing are to comply with IRC R608.5.2.

In accordance to IRC 608.4.3., the wall exterior shall be protected from sunlight and physical damage by the application of a code compliant approved exterior wall covering in accordance to the IRC.

Walls interrupted by openings are to be additionally reinforced in accordance with IRC R608.8. with extra vertical bars of the same dimension placed within 12-inches of each side that extend the full height of the wall storey, a #4 horizontal bar not less than 12-inches from the bottom, and a lintel above.



Lintels of openings are to be prepared in accordance with IRC R608.8.2 and the Lintel Tables and Figures within this guide.

Development length and lap splices in horizontal and vertical reinforcing bars are to comply with IRC Table R608.5.4(1). The minimum development length of 60 ksi #4 bar is 23-inches, and of #5 bar is 28-inches. The minimum overlap of #4 bars is 30-inches and #5 bars is 38-inches. The maximum gap between #4 or #5 splice bars is 6-inches. Refer to Code for overlap and maximum gap of other bar types.

Construction joints are made according to IRC R608.5.5. In plain concrete walls and walls with reinforcing at 48-inch o/c, joints are to be located at points of lateral support and have #4 bars spaced at 24-inch o/c extending a minimum of 12-inches embedment on each side of the joint. In reinforced foundations walls (other than walls reinforced at 48-inch o/c), construction joints are to be located in the middle third of the unsupported span, or prepared as those for plain concrete walls.

In accordance with IRC 608.6.3, reinforcing must be continuous through story breaks where there are concrete walls above or below. Lap splicing is permissible following the guidelines for lap splice development length.

Vertical bars at the ends of solid wall lengths, and adjacent to openings, shall be terminated at ends with a 90° hook in accordance with IRC 608.6.4 and complying with Section R608.5.4.5 and Figure R608.5.4(2).

All further details as required by IRC R608 applicable to the design are to be followed.

3.3 LINTELS IN LOAD-BEARING AND NON-LOAD BEARING OPENINGS

Concrete and steel reinforcing materials specifications and installation of lintels are to be consistent with the details of the wall section where the opening occurs.

Development length and lap splices in horizontal reinforcing bars in lintels are to comply with IRC Table R608.5.4(1). The minimum development length of 60 ksi #4 bar is 23-inches, #5 bar is 28-inches, and of #6 bar is 34-inches. The minimum overlap of #4 bars is 30-inches, of #5 bars is 38-inches, and #6 bar is 45-inches. The maximum gap between #4, #5 and #6 splice bars is 6-inches. Refer to Code for overlap and maximum gap of other bar types.

Continuous horizontal reinforcing bars may be used as lintel reinforcing bars when positioned according to the lintel diagrams in this guide.

Lintels in non-load-bearing walls may alternately be prepared following IRC Table 608.8(9).



4.0 Superform ICF Foundation Wall Design Tables

4.1 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 — Table 3

1. Tables are based on IRC Tables 404.1.3(2) to (4) with the reinforcing bar size and spacing optimized for use with the Superform ICF System, to meet or exceed the reinforcing specified in the applicable IRC table.
2. Applicable only for foundation walls that support light-frame walls (wood or light-gauge steel) or concrete walls in seismic categories A – C except for applications described in note 15.
3. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 6080-SK1-1 to 4 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
4. Concrete is to have a minimum concrete specified 28-day compressive strength of 2500 psi for construction in seismic category A – C.
5. Table values are based on a reinforcing yield strength of 60,000 psi. Substitution with 40,000 psi and/or bars of other sizes in seismic categories A – C is permitted using IRC Section R404.1.3.3.7.6 and Table R404.1.1(9).
6. Soil pressures are approximated in accordance with the soil classes of the Unified Soil Classification System as per ASTM D2487.
7. NR indicates that reinforcing is not required by calculations of the plain section concrete strength in accordance with ACI 318-19.
8. A dash line (-) in a box indicated that the application is not recommended at that corresponding thickness, height and bar size.
9. Boxes marked DR indicated that the IRC requires the application to be designed in accordance with the IBC.
10. Allowable deflection is $L/240$, where L is the unsupported height of the foundation wall.
11. Interpolation is not permitted.
12. Where the walls retain 4 feet or more of unbalanced backfill, they shall be laterally supported at the top and bottom before backfilling.
13. Vertical reinforcement is to be placed as shown on the applicable foundation detail drawing with the cover shown, with a minimum cover of $\frac{3}{4}$ ” from the inside face of the ICF.
14. For serviceability purposes, this guide recommends maximum 48 inches vertical reinforcing spacing and 24 inches horizontal reinforcing spacing. Shaded cells in Table 3 are recommended maximum spacing but are not required by code.
15. Tables are not applicable for foundations for in townhouses in Seismic Category C that support above grade concrete walls. These foundations walls must comply with ACI 318-19.

Table 1 PROPERTIES OF SOILS CLASSIFIED ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM IN IRC APPLICATIONS

PROPERTIES OF SOILS CLASSIFIED ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM ⁽⁶⁾	
Unified Soil Classification System Symbol	Soil Description
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravel sand mixtures, little or no fines
SW	Well-graded sands, gravelly sands, little or no fines
SP	Poorly graded sands or gravelly sands, little or no fines
GM	Silty gravels, gravel-sand-silt mixtures
SM	Silty sand, sand-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SC	Clayey sands, sand-clay mixture
ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clays, lean clays
CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
CH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty solids, elastic silts

SEE 4.1 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 — Table 3 ON PAGE 12 FOR REFERENCED SUPERScript TABLE NOTES

Table 2 MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS

MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS	
MAXIMUM UNSUPPORTED WALL HEIGHT	SPACING AND LOCATION OF HORIZONTAL REINFORCEMENT ⁽⁵⁾
Less than or equal to 8 feet	No. 4 bar spaced at maximum 24 inches on centre, one (1) bar within 12 inches of the top of the wall story, minimum two (2) bars.
Greater than 8 feet, less than or equal to 12 feet	No. 4 bar spaced at maximum 24 inches on centre, one (1) bar within 12 inches of the top of the wall story.

SEE 4.1 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 — Table 3 ON PAGE 12 FOR REFERENCED SUPERScript TABLE NOTES



Table 3 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6, 6.5, 8, and 10-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽¹¹⁾⁽¹⁴⁾⁽¹⁵⁾

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) ⁽¹²⁾	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) ⁽⁵⁾⁽⁷⁾⁽⁸⁾⁽⁹⁾⁽¹⁰⁾⁽¹³⁾																	
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) ⁽⁶⁾																	
		GW, GP, SW, SP 30 psf						GM, GC, SM, SM-SC, ML 45 psf						SC, ML-CL, INORG CL 60 psf					
		ICF Wall Size						ICF Wall Size						ICF Wall Size					
		6"/6.5"		8"		10"		6"/6.5"		8"		10"		6"/6.5"		8"		10"	
		#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5
5	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	5	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
6	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	5	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	6	48	48	48	48	48	48	48	48	48	48	48	48	36	48	48	48	48	
7	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	5	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	6	48	48	48	48	48	48	42	48	48	48	48	48	30	48	48	48	48	
	7	48	48	48	48	48	48	30	48	48	48	48	48	24	36	30	48	48	
8	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	5	48	48	48	48	48	48	48	48	48	48	48	48	42	48	48	48	48	
	6	48	48	48	48	48	48	36	48	48	48	48	48	30	42	42	48	48	
	7	42	48	48	48	48	48	24	42	36	48	48	48	18	30	30	42	48	
	8	30	48	48	48	48	48	18	30	30	42	48	48	12	24	18	30	30	
9	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	5	48	48	48	48	48	48	48	48	48	48	48	48	42	48	48	48	48	
	6	48	48	48	48	48	48	36	48	48	48	48	48	24	36	36	48	48	
	7	36	48	48	48	48	48	24	36	36	48	48	48	18	24	24	36	36	
	8	24	42	36	48	48	48	18	24	24	36	36	48	12	18	18	30	24	
	9	18	30	30	48	48	48	12	18	18	30	24	42	12	12	12	24	18	
10	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
	5	48	48	48	48	48	48	48	48	48	48	48	48	36	48	48	48	48	
	6	48	48	48	48	48	48	30	48	48	48	48	48	24	36	36	48	48	
	7	36	48	48	48	48	48	24	36	30	48	48	48	18	24	24	36	30	
	8	24	36	36	48	48	48	18	24	24	36	30	48	12	18	18	24	24	
	9	18	30	24	42	48	48	12	18	18	30	24	36	6	12	12	18	18	
	10	12	24	24	36	30	42	12	12	12	24	18	30	6	12	12	18	12	
11	5	48	48	48	48	48	48	48	48	48	48	48	48	36	48	48	48	48	
	6	48	48	48	48	48	48	30	48	48	48	48	48	24	36	30	48	48	
	7	30	48	48	48	48	48	18	30	30	48	48	48	12	24	24	36	30	
	8	24	36	30	48	48	48	12	24	18	30	30	42	12	18	18	24	18	
	9	18	24	24	36	30	48	12	18	18	24	24	36	6	12	12	18	18	
	10	12	18	18	30	24	42	6	12	12	18	18	24	6	12	6	12	12	
	11	12	18	18	24	24	30	6	12	12	18	12	24	6	6	6	12	12	
12	5	48	48	48	48	48	48	48	48	48	48	48	48	36	48	48	48	48	
	6	42	48	48	48	48	48	30	42	42	48	48	48	24	30	30	48	48	
	7	30	48	42	48	48	48	18	30	30	42	48	48	12	24	18	30	30	
	8	18	30	30	48	48	48	12	18	18	30	24	42	12	18	12	24	18	
	9	18	24	24	36	30	48	12	18	12	24	18	30	6	12	12	18	12	
	10	12	18	18	30	24	36	6	12	12	18	18	24	6	6	6	12	12	
	11	12	18	12	24	18	30	6	12	6	12	12	18	6	6	6	12	6	
	12	6	12	12	18	18	24	6	6	6	12	12	18	DR	6	6	6	6	

DR" = DESIGN REQUIRED⁽⁹⁾; "-" = NOT RECOMMENDED⁽⁸⁾
 SHADED CELLS ARE RECOMMENDED MAXIMUM SPACING BUT ARE NOT REQUIRED BY CODE.
 REFER TO TABLE 2 FOR MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS
 SEE 4.1 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 — Table 3 ON PAGE 12 FOR REFERENCED SUPERScript TABLE NOTES

4.2 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL – Table 4

1. Tables are based on IRC Tables 404.1.3(2) to (4) with the reinforcing bar size and spacing optimized for use with the Superform ICF System, to meet or exceed the reinforcing specified in the applicable IRC table.
2. Applicable only for foundation walls that support light-frame walls (wood or light-gauge steel) per IRC404.1.4.1. Use Tables 4 of this guide for foundations that support above-grade concrete walls.
3. When building conditions for above grade light-frame walls fall outside of the IRC limitations presented in this guide and foundation design by ACI 318-19 is required, use Table to of this guide instead.
4. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 6080-SK1-1 to 3 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
5. Concrete is to have a minimum concrete specified 28-day compressive strength of 3000 psi
6. Table values are based on a reinforcing yield strength of 60,000 psi. Substitution with 40,000 psi and/or bars of other sizes in seismic categories A – C is permitted using IRC Section R404.1.3.3.7.6 and Table R404.1.1(9).
7. Soil pressures are approximated in accordance with the soil classes of the Unified Soil Classification System as per ASTM D2487.
8. A dash line (-) in a box indicated that the application is not recommended at that corresponding thickness, height and bar size.
9. Boxes marked DR indicated that the IRC requires the application to be designed in accordance with the IBC.
10. Allowable deflection is $L/240$, where L is the unsupported height of the foundation wall.
11. Interpolation is not permitted.
12. Where the walls retain 4 feet or more of unbalanced backfill, they shall be laterally supported at the top and bottom before backfilling.
13. Vertical reinforcement is to be placed as shown on the applicable foundation detail drawing with the cover shown, with a minimum cover of $\frac{3}{4}$ ” from the inside face of the ICF.
14. Seismic loading conditions have not been considered for backfill heights of 6 feet and less as per IBC Section 1807.2.2.
15. Where seismic loading conditions have been considered for backfill heights over 6 feet, the dynamic seismic lateral earth pressure load effects is an assumed horizontal resultant force equal to $36 \cdot H^2$ lb/ft-width, which is added on to the at-rest backfill pressure; where H is equal to the height of unbalanced backfill in feet applied at a location equal to $0.5 \cdot H$; where $PGA = 0.6g$, soil density= 120 pcf, and load factor 1.0E is applied to all soil lateral loads.
16. The maximum allowable site-specific peak ground acceleration (PGA) permitted for use of this table is equal to 0.6g.



Table 4 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6, 6.5, 8, and 10-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY D IRC APPLICATIONS ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽¹¹⁾⁽¹⁴⁾⁽¹⁵⁾⁽¹⁶⁾

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) ⁽¹²⁾	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) ⁽⁵⁾⁽⁷⁾⁽⁸⁾⁽⁹⁾⁽¹⁰⁾⁽¹³⁾																	
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) ⁽⁶⁾																	
		GW, GP, SW, SP 30 psf						GM, GC, SM, SM-SC, ML 45 psf						SC, ML-CL, INORG CL 60 psf					
		ICF Wall Size						ICF Wall Size						ICF Wall Size					
		6"/6.5"		8"		10"		6"/6.5"		8"		10"		6"/6.5"		8"		10"	
		Bar Size		Bar Size		Bar Size		Bar Size		Bar Size		Bar Size		Bar Size		Bar Size		Bar Size	
#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5	#4	#5		
5	4	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
	5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
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	9	6	12	6	12	12	18	6	6	6	12	12	18	DR	6	6	12	12	
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	9	6	6	6	12	12	18	DR	6	6	12	12	12	DR	6	6	12	6	
	10	DR	6	6	12	6	12	DR	6	6	6	6	12	DR	6	6	6	12	
11	4	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
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	6	12	18	18	24	18	24	12	18	12	24	18	24	12	12	12	18	18	
	7	6	12	12	18	12	24	6	12	12	18	12	18	6	12	12	12	18	
	8	6	6	6	12	12	18	DR	6	6	12	12	18	DR	6	6	12	12	
	9	DR	6	6	12	6	12	DR	6	6	12	6	12	DR	6	6	6	12	
	10	DR	6	6	6	6	12	DR	DR	DR	6	6	12	DR	DR	DR	6	12	
	11	DR	DR	DR	6	6	12	DR	DR	DR	6	6	6	DR	DR	DR	6	6	
12	4	24	24	24	24	24	24	18	24	24	24	24	18	24	24	24	24	24	
	5	12	18	18	24	24	24	12	18	18	24	24	12	18	18	24	24	24	
	6	6	12	12	18	18	24	6	12	12	18	18	24	6	12	12	18	24	
	7	6	6	6	12	12	18	6	6	6	12	12	18	6	6	6	12	18	
	8	DR	6	6	12	6	12	DR	6	6	12	6	12	DR	6	6	12	6	
	9	DR	DR	DR	6	6	12	DR	DR	DR	6	6	12	DR	DR	DR	6	12	
	10	DR	DR	DR	6	6	6	DR	DR	DR	6	6	6	DR	DR	DR	6	DR	
	11	DR	DR	DR	6	DR	6	DR	DR	DR	6	DR	6	DR	DR	DR	DR	6	
12	DR	DR	DR	DR	DR	6	DR	DR	DR	DR	DR	6	DR	DR	DR	DR	6		

*"DR" = DESIGN REQUIRED⁽⁹⁾; "-" = NOT RECOMMENDED⁽⁸⁾

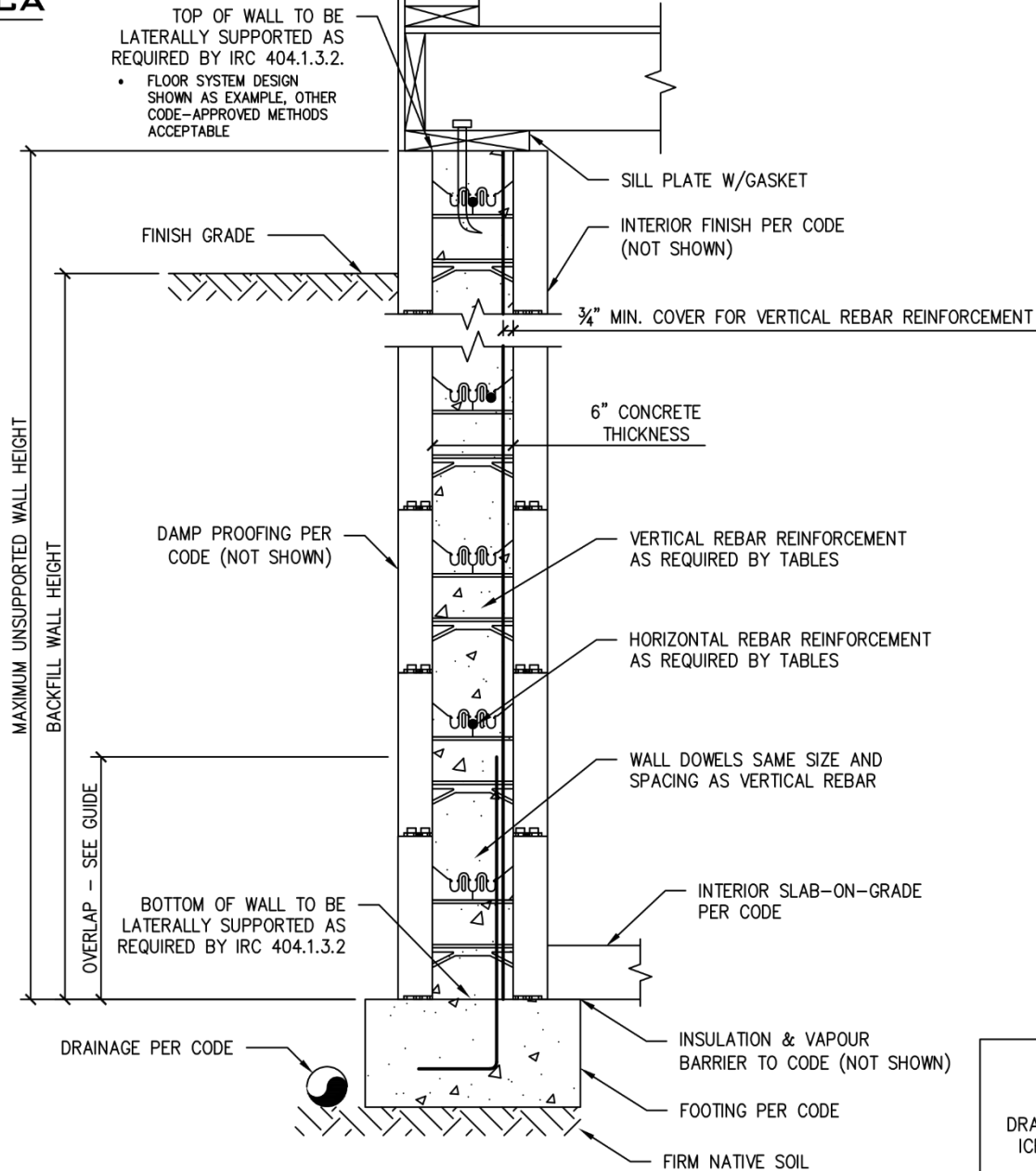
SHADED CELLS ARE RECOMMENDED MAXIMUM SPACING BUT ARE NOT REQUIRED BY CODE.

REFER TO TABLE 2 FOR MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS

SEE 4.2 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL – Table 4 ON PAGE 15 FOR REFERENCED SUPERScript TABLE NOTES



DRAWING TO BE USED WITH GUIDE TITLED "SUPERFORM ICF STRUCTURAL GUIDELINE - USA": WHERE MATERIALS SPECIFICATIONS, DESIGN PARAMETERS, AND REINFORCEMENT SPACING ARE PROVIDED.



(A) TYP. SUPERFORM 6-INCH ICF FOUNDATION WALL
1 NOT-TO-SCALE

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE
NOT FOR USE AS CONSTRUCTION DESIGN DOCUMENTS

THESE DRAWINGS APPLY TO THE GUIDELINE ASSEMBLY ONLY AND DO NOT IMPLY THAT THE SIGNATORY ENGINEER IS THE DESIGNER OF RECORD FOR ANY FUTURE CONSTRUCTION ON WHICH THEY ARE USED.
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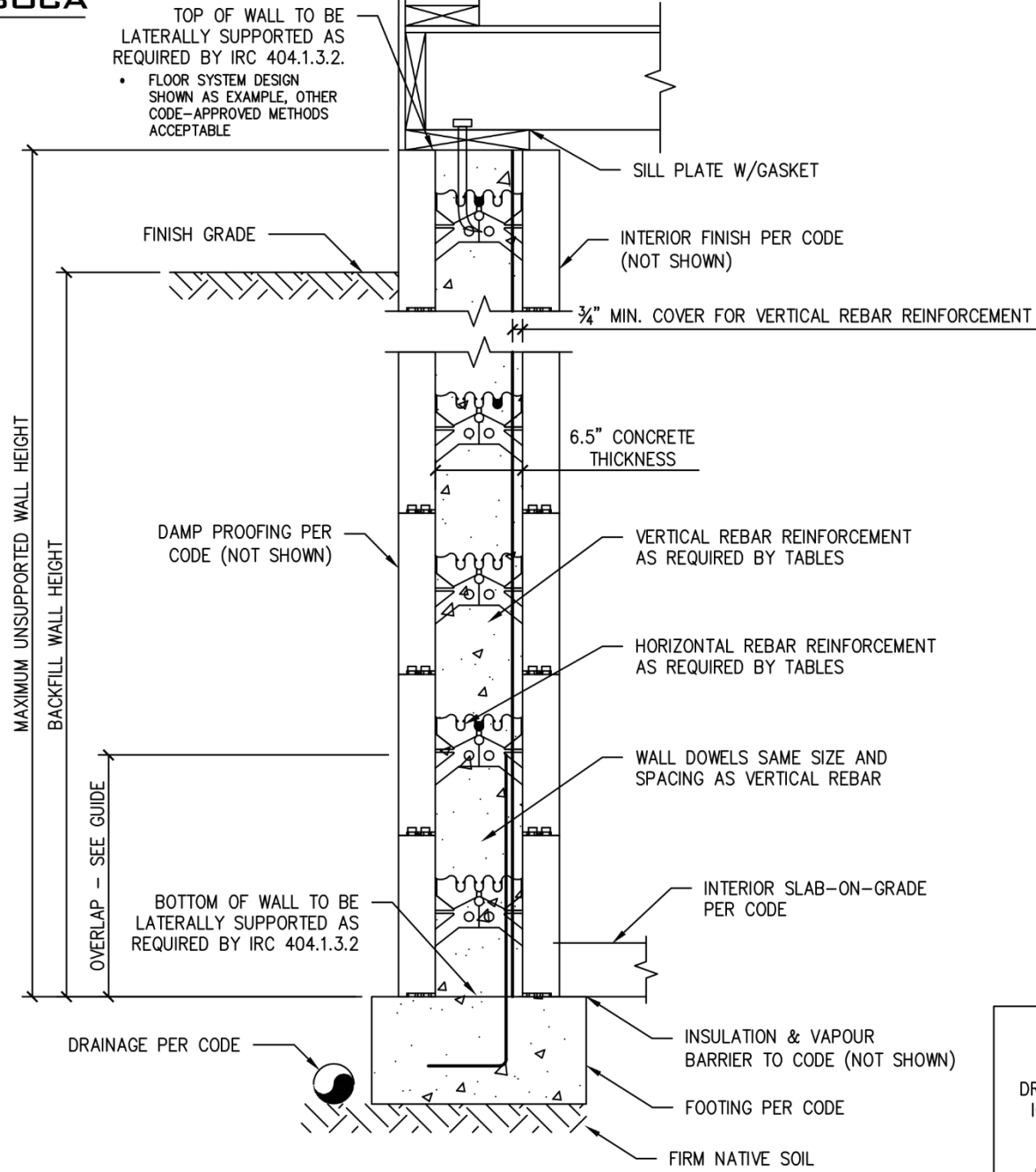
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DATE	DECEMBER 31, 2025		DRN JJ
			CHK CB

FIGURE 1 DRAWING 6080-SK1-1 SUPERFORM 6-IN ICF FOUNDATION WALL DETAIL



DRAWING TO BE USED WITH GUIDE TITLED "SUPERFORM ICF STRUCTURAL GUIDELINE - USA": WHERE MATERIALS SPECIFICATIONS, DESIGN PARAMETERS, AND REINFORCEMENT SPACING ARE PROVIDED.



TOP OF WALL TO BE LATERALLY SUPPORTED AS REQUIRED BY IRC 404.1.3.2.
 • FLOOR SYSTEM DESIGN SHOWN AS EXAMPLE, OTHER CODE-APPROVED METHODS ACCEPTABLE

MAXIMUM UNSUPPORTED WALL HEIGHT
 BACKFILL WALL HEIGHT

OVERLAP - SEE GUIDE

BOTTOM OF WALL TO BE LATERALLY SUPPORTED AS REQUIRED BY IRC 404.1.3.2

DRAINAGE PER CODE

A
2

TYP. SUPERFORM 6.5-INCH ICF FOUNDATION WALL
 NOT-TO-SCALE

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE
 NOT FOR USE AS CONSTRUCTION DESIGN DOCUMENTS

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DRAWING NO. 6080-SK1-2 DWG SHEET 2 OF 4			DES TH
DATE DECEMBER 31, 2025			DRN JJ
			CHK CB

FIGURE 2 DRAWING 6080-SK1-2 SUPERFORM 6.5-IN ICF FOUNDATION WALL DETAIL

TOP OF DOCUMENT
 LIST OF TABLES

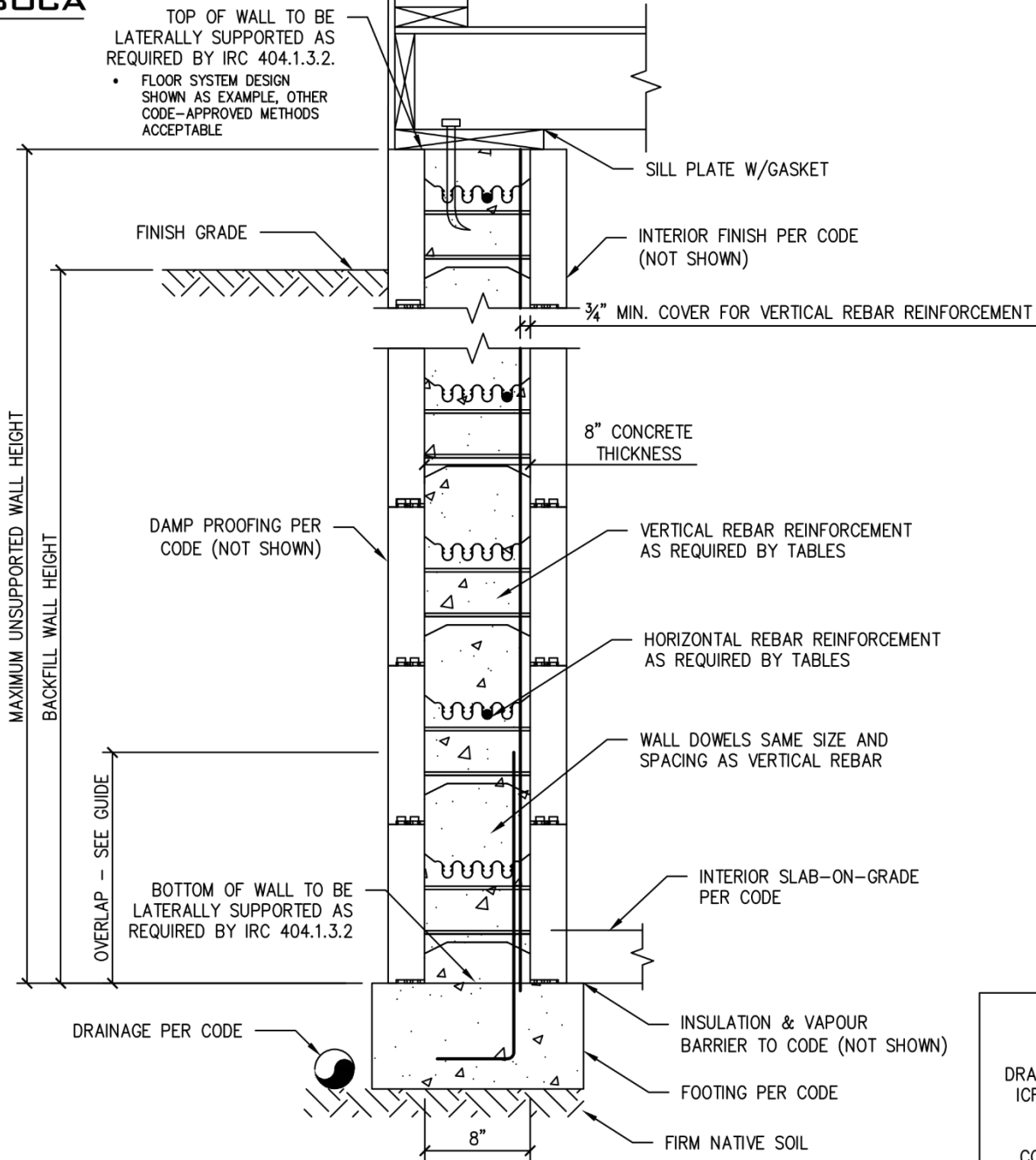
BOCA ENGINEERING CO.
 www.bocaengineering.com

(250) 477-7777 203-1001 Cloverdale Ave., Victoria BC V8X 4C9 info@bocaengineering.com

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DRAWING TO BE USED WITH GUIDE TITLED "SUPERFORM ICF STRUCTURAL GUIDELINE - USA": WHERE MATERIALS SPECIFICATIONS, DESIGN PARAMETERS, AND REINFORCEMENT SPACING ARE PROVIDED.



A
3 TYP. SUPERFORM 8-INCH ICF FOUNDATION WALL
NOT-TO-SCALE

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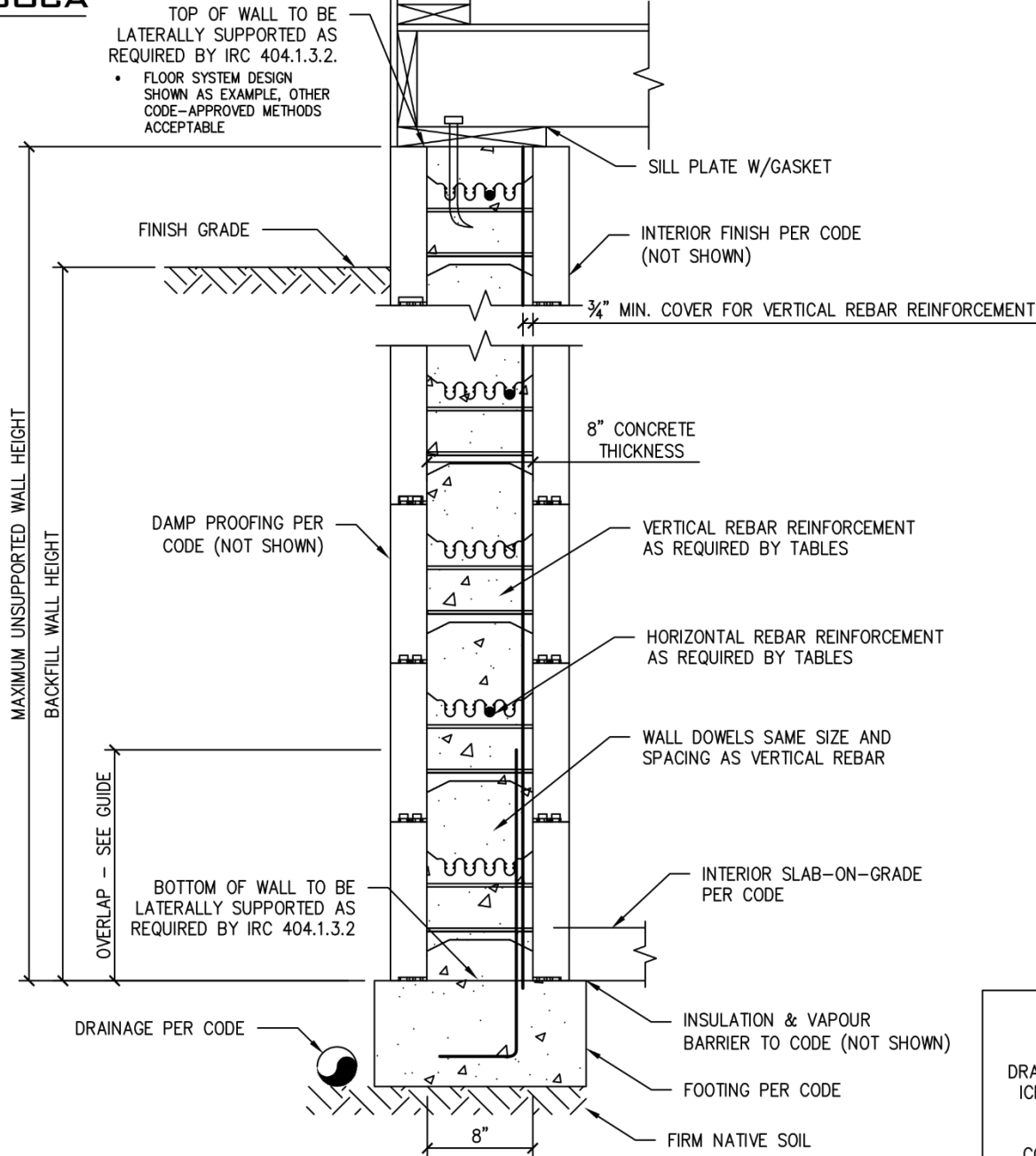
DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE
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CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM 8-IN. ICF FOUNDATION WALL DETAIL	0 REV	2025/12/31 DATE	FOR PUBLICATION ISSUE	CB APP
			DRAWING NO. 6080-SK1-3		DWG SHEET 3 OF 4	
			DATE DECEMBER 31, 2025		DES TH DRN JJ CHK CB	

FIGURE 3 DRAWING 6080-SK1-3 SUPERFORM 8-IN ICF FOUNDATION WALL DETAIL



DRAWING TO BE USED WITH GUIDE TITLED "SUPERFORM ICF STRUCTURAL GUIDELINE - USA"; WHERE MATERIALS SPECIFICATIONS, DESIGN PARAMETERS, AND REINFORCEMENT SPACING ARE PROVIDED.



A
3 TYP. SUPERFORM 8-INCH ICF FOUNDATION WALL
NOT-TO-SCALE

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FIGURE 4 DRAWING 6080-SK1-4 SUPERFORM 10-IN ICF FOUNDATION WALL DETAIL



5.0 Superform ICF Above-Grade Wall Design Tables

5.1 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE REINFORCING Table 5

1. Tables are based on IRC Table R608.6(1).
2. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 6080-SK2-1 to 6 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
3. Table is based on ASCE 7 Section 27.3 Wind Loads: Main Wind Force Resisting System using a mean roof height of 35 feet, topographic factor, K_{zt} equal to 1.0, and Risk Category II.
4. Concrete is to have a minimum concrete specified 28-day compressive strength of 2500 psi.
5. Table values are based on a reinforcing yield strength of 60,000 psi. Substitution with 40,000 psi and/or bars of other sizes in seismic categories A – C is permitted using IRC Section R404.1.3.3.7.6 and Table R404.1.1(9).
6. Interpolation is not permitted.
7. “Top” loading means gravity loading from roof, floor or wall construction bearing on top the wall. “Side” loading means gravity load from floor construction which is transferred to the wall through a wood ledger or cold-formed steel track bolted to the side of the wall.
8. Minimum horizontal reinforcing of above grade walls is No. 4 bar spaced at maximum 24 inches, on centre.

Table 5 MINIMUM VERTICAL REINFORCEMENT SUPERFORM ICF CONCRETE ABOVE GRADE WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS⁽¹⁾⁽²⁾⁽⁴⁾⁽⁶⁾⁽⁸⁾

MAX WIND SPEED (mph) ⁽³⁾	EXPOSURE CATEGORY		MAXIMUM WALL HEIGHT PER STORY (feet)	MINIMUM VERTICAL REINFORCEMENT BAR SIZE AND SPACING (inches) ⁽⁵⁾								
				Nominal Wall Thickness (inches)								
				4-inch		6-inch/6.5-inch		8-inch		10-inch		
B	C	D		Top ⁽⁷⁾	Side ⁽⁷⁾	Top ⁽⁷⁾	Side ⁽⁷⁾	Top ⁽⁷⁾	Side ⁽⁷⁾	Top ⁽⁷⁾	Side ⁽⁷⁾	
115	-	-	8	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 36	No.4 @ 24	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			10	No.4 @ 24	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
120	-	-	8	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 36	No.4 @ 24	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			10	No.4 @ 18	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
130	110	-	8	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 30	No.4 @ 18	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			10	No.4 @ 18	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
140	119	110	8	No.4 @ 36	No.4 @ 30	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 30	No.4 @ 18	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			10	No.4 @ 18	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
150	127	117	8	No.4 @ 36	No.4 @ 30	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 24	No.4 @ 18	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			10	No.4 @ 12	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
160	136	125	8	No.4 @ 30	No.4 @ 24	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 24	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			10	No.4 @ 12	No.4 @ 12	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36

ABOVE GRADE WALLS TO HAVE A MINIMUM HORIZONTAL REINFORCEMENT OF NO. 4 BAR SPACED AT MAXIMUM 24 INCHES ON CENTRE
SEE 5.1 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE REINFORCING Table 5 ON PAGE 21 FOR REFERENCED SUPERScript TABLE NOTES

5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13

1. Tables are based on IRC Tables R608.7.1.1(1) to (3)
2. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 6080-SK2-1 to 6 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
3. Interpolation is not permitted.
4. Solid Wall lengths shall not be reduced under any circumstances.
5. Minimum length of solid wall lengths included shall be greater than or equal to 24 inches in length, and not more than two (2) solid wall lengths greater than or equal to 24 inches in length, and less than 48 inches in length shall be included in the required total length of solid wall according to IRC R608.7.2.1.
6. Table shows minimum summation of solid wall length. Plans are permitted to exceed the minimum length.
7. Where actual side wall, end wall, roof slope, or basic wind speed values fall between values provided in table, the next highest design value shall be used.
8. Basic wind speed and exposure categories are based on ASCE 7 Section 27.2 with Wind Loads On Buildings: Main Wind Force Resisting System (Directional Procedure). The parameters are specified in Sections 26.5 Wind Hazard Map and 26.7 Exposure, respectively.

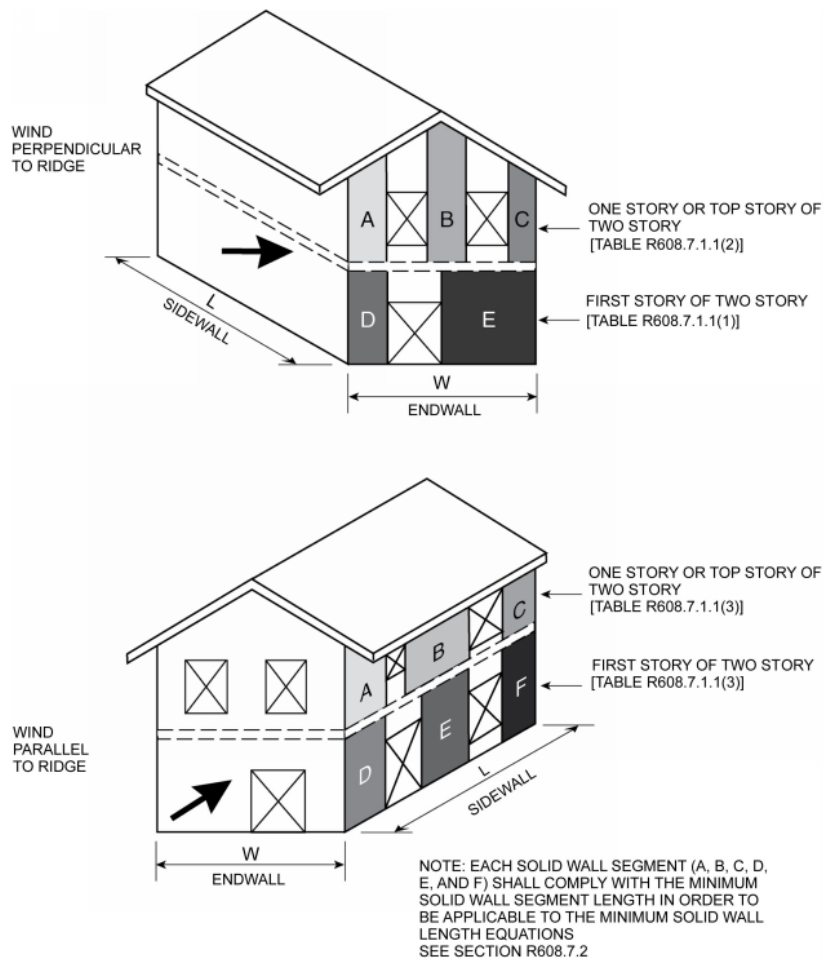


Figure 5 IRC SOLID WALL TABLE LOADING CONDITION DIAGRAMS



Table 6 SUPERFORM 4-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾												
			One Story or Top Story of Two Story												
			Basic Wind Speed (mph) Exposure ⁽⁸⁾												
			115B		120B		130B		140B		150B		160B		
			-		-		110C		119C		127C		136C		
			-		-		-		110D		117D		125D		
		⊥		⊥		⊥		⊥		⊥		⊥			
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4	
		7:12	4	4	4	4	4	4	4	4	4	4	4	4	
		12:12	4	4	4	4	4	4	4	4	4	4	4	4	
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4	
		7:12	4	4	4	4	4	4	4	4	4	4	4	4	
		12:12	4	4	4	4	4.5	4	5	4	5.5	4	6.5	4.5	
	45	< 5:12	4	4	4	4	4	4	4	4	4	4.5	4	5	
		7:12	4	4	4	4	4	4	4	4.5	4	5.5	4.5	6	
		12:12	4.5	4.5	5	5	6	5.5	6.5	6.5	7.5	7.5	8.5	8.5	
	60	< 5:12	4	4	4	4.5	4	5.5	4	6	4	7	4	8	
		7:12	4	5	4	5.5	4	6	4	7	5	8	5.5	9.5	
		12:12	6	7	6.5	7.5	7.5	9	8.5	10.5	9.5	12	11	13.5	
30	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4	
		7:12	4	4	4	4	4	4	4	4	4	4	4.5	4	
		12:12	4	4	4	4	4.5	4	5.5	4	6	4	7	4	
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4.5	4
		7:12	4	4	4	4	4	4	4.5	4	5.5	4	6	4	
		12:12	5.5	4	6	4	7	4	8.5	4	9.5	4.5	11	5	
	45	< 5:12	4	5	4	5	4	5	4.5	5	5	5	5.5	5.5	
		7:12	4	5.5	4.5	5.5	5	5.5	6	5.5	6.5	5.5	7.5	6.5	
		12:12	7.5	7.5	8.5	7.5	10	7.5	11.5	7.5	13	7.5	14.5	8.5	
	60	< 5:12	4	7.5	4	7.5	4.5	7.5	5	7.5	6	7.5	6.5	8.5	
		7:12	5	8.5	5.5	8.5	6	8.5	7	8.5	8	8.5	9	9.5	
		12:12	9.5	12	10.5	12	12.5	12	14.5	12	16.5	12	18.5	13.5	
60	15	< 5:12	4.5	4	4.5	4	4.5	4	4.5	4	5.5	4	6	4	
		7:12	5	4	5	4	5.5	4	6.5	4	7.5	4	8	4	
		12:12	6.5	4	7	4	8.5	4	9.5	4	11	4	12.5	4	
	30	< 5:12	5.5	4	5.5	4	5.5	4	6.5	4	7	4	8	4	
		7:12	6.5	4	6.5	4	7.5	4	8.5	4	9.5	4	11	4	
		12:12	10	4	11	4	13	4	15	4	17	4	19.5	4.5	
	45	< 5:12	6.5	5.5	6.5	5.5	7	5.5	8	5.5	9.5	5.5	10.5	6	
		7:12	7.5	5.5	8	5.5	9.5	5.5	11	5.5	12.5	6	14	6.5	
		12:12	14	7.5	15.5	7.5	18	7.5	21	7.5	24	8	27	9	
	60	< 5:12	7.5	7.5	7.5	7.5	9	7.5	10	7.5	11.5	7.5	13	9	
		7:12	9	8.5	10	8.5	11.5	8.5	13	8.5	15	9	17	10.5	
		12:12	18	12	19.5	12	23	12	26.5	12	30.5	12.5	35	14.5	

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERScript TABLE NOTES



Table 7 SUPERFORM 4-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾													
			First Story of Two Story													
			Basic Wind Speed (mph) Exposure ⁽⁸⁾													
			115B		120B		130B		140B		150B		160B			
			-		-		110C		119C		127C		136C			
			-		-		-		110D		117D		125D			
		⊥		⊥		⊥		⊥		⊥		⊥				
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4.5	4	5	4	
		7:12	4	4	4	4	4	4	4	4	4	4	4.5	4	5.5	4
		12:12	4	4	4	4	4.5	4	5	4	6	4	7	4		
	30	< 5:12	4	4	4	4	4	4.5	4	5	4.5	6	5	6.5		
		7:12	4	4	4	4	4	4.5	5	5	5.5	6	6.5	6.5		
		12:12	5	4	5	4.5	6	5	7	6	8	7	9	7.5		
	45	< 5:12	4.5	5.5	4.5	6	4.5	7	4.5	8	4.5	9	5	10.5		
		7:12	4.5	5.5	4.5	6.5	5	7.5	5.5	8.5	6.5	9.5	7	11		
		12:12	6	7	6.5	7.5	7.5	9	9	10	10	11.5	11.5	13		
	60	< 5:12	6	8	6	8.5	6	10	6	11.5	6	13	6	14.5		
		7:12	6	8	6	9	6	10.5	6.5	12	7	14	8	16		
		12:12	7	10.5	8	11.5	9	13.5	10.5	15.5	12	17.5	13.5	20		
30	15	< 5:12	5.5	4	5.5	4	6	4	7	4	8	4	9	4		
		7:12	6	4	6	4	6.5	4	7.5	4	8.5	4	9.5	4		
		12:12	6.5	4	7	4	8	4	9	4	10.5	4	12	4.5		
	30	< 5:12	6	6	6	6	6	6	7	6	8	6.5	9	7.5		
		7:12	6.5	6.5	6.5	6.5	7.5	6.5	8.5	6.5	10	7	11	8		
		12:12	8.5	7.5	9	7.5	10.5	7.5	12	7.5	14	8	16	9		
	45	< 5:12	6.5	9.5	6.5	9.5	6.5	9.5	7	9.5	8	10	9	11.5		
		7:12	7.5	10.5	7.5	10.5	8.5	10.5	10	10.5	11	11	12.5	12.5		
		12:12	10.5	12.5	11	12.5	13	12.5	15	12.5	17.5	13	20	14.5		
	60	< 5:12	8	14	8	14	8	14	8	14	9	14	10.5	16		
		7:12	8	15	8	15	9.5	15	11	15	12.5	15	14.5	17.5		
		12:12	12.5	18.5	13.5	18.5	15.5	18.5	18	18.5	21	18.5	23.5	21.5		
60	15	< 5:12	11	6	11	6	11	6	12.5	6	14.5	6	16.5	6		
		7:12	11.5	6	11.5	6	12	6	14	6	16	6	18	6		
		12:12	12.5	6	12.5	6	15	6	17	6	19.5	6	22.5	6		
	30	< 5:12	12	8	12	8	12	8	12.5	8	14.5	8	16.5	8		
		7:12	13	8	13	8	14	8	16	8	18.5	8	21	8		
		12:12	15.5	8	16.5	8	19.5	8	22.5	8	26	8	29.5	8		
	45	< 5:12	13	10	13	10	13	10	13.5	10	15.5	10.5	17.5	12		
		7:12	14	10.5	14	10.5	16	10.5	18.5	10.5	21	11.5	24	13		
		12:12	19.5	12.5	21	12.5	24.5	12.5	28.5	12.5	32.5	13.5	37	15		
	60	< 5:12	14	14	14	14	14	14	16	14	18	15	20.5	17		
		7:12	15.5	15	15.5	15	18	15	21	15	24	16.5	27.5	18.5		
		12:12	23.5	18.5	25.5	18.5	30	18.5	34.5	18.5	39.5	20	45	22.5		

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERSRIPT TABLE NOTES



Table 8 SUPERFORM 6-INCH & 6.5-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel (∥) to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾											
			One Story or Top Story of Two Story											
			Basic Wind Speed (mph) Exposure ⁽⁸⁾											
			115B		120B		130B		140B		150B		160B	
			-		-		110C		119C		127C		136C	
			-		-		-		110D		117D		125D	
		⊥	∥	⊥	∥	⊥	∥	⊥	∥	⊥	∥	⊥	∥	
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4	4	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4	4	4	4	4.5	4	5	4
	45	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	4	5.5	4	6	4	7	4
	60	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4.5	4
		12:12	4.5	4	5	4	6	4	6.5	4	7.5	4	8.5	4
30	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4	4	4	4	5	4	5.5	4
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4.5	4	5	4
		12:12	4.5	4	5	4	5.5	4	6.5	4	7.5	4	8.5	4
	45	< 5:12	4	5	4	5	4	5	4	5	4	5	4	5
		7:12	4	5.5	4	5.5	4	5.5	4.5	5.5	5.5	5.5	6	5.5
		12:12	6	7.5	6.5	7.5	8	7.5	9	7.5	10	7.5	11.5	7.5
	60	< 5:12	4	7.5	4	7.5	4	7.5	4	7.5	4	7.5	4	7.5
		7:12	5	8.5	5	8.5	5	8.5	5.5	8.5	6.5	8.5	7.5	8.5
		12:12	7.5	12	8.5	12	10	12	11.5	12	13	12	14.5	12
60	15	< 5:12	4.5	4	4.5	4	4.5	4	4.5	4	4.5	4	4.5	4
		7:12	5	4	5	4	5	4	5	4	6	4	6.5	4
		12:12	6	4	6	4	6.5	4	7.5	4	8.5	4	10	4
	30	< 5:12	5.5	4	5.5	4	5.5	4	5.5	4	5.5	4	5.5	4
		7:12	6.5	4	6.5	4	6.5	4	6.5	4	7.5	4	8.5	4
		12:12	8	4	9	4	10	4	12	4	13.5	4	15.5	4
	45	< 5:12	6.5	5	6.5	5	6.5	5	6.5	5	6.5	5	6.5	5
		7:12	7.5	5.5	7.5	5.5	7.5	5.5	8.5	5.5	10	5.5	11	5.5
		12:12	11	7.5	12	7.5	14	7.5	16.5	7.5	19	7.5	21.5	7.5
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	9	8.5	9	8.5	9	8.5	10.5	8.5	12	8.5	13.5	8.5
		12:12	14.5	12	15.5	12	18	12	21	12	24	12	27.5	12

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERScript TABLE NOTES



Table 9 SUPERFORM 6-INCH & 6.5-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾													
			First Story of Two Story													
			Basic Wind Speed (mph) Exposure ⁽⁸⁾													
			115B		120B		130B		140B		150B		160B			
			-		-		110C		119C		127C		136C			
			-		-		-		110D		117D		125D			
⊥		⊥		⊥		⊥		⊥		⊥		⊥				
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4.5	4		
		12:12	4	4	4	4	4	4	4	4	4.5	4	5.5	4		
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4.5	4	5	4		
		12:12	4	4	4	4	5	4	5.5	4	6.5	4	7	4		
	45	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4.5	4	5	4	5.5	4		
		12:12	5	4	5	4	6	4	7	4	8	4	9	4		
	60	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4.5	4	4.5	4	4.5	4	5	4	5.5	4	6.5	4		
		12:12	5.5	4	6	4	7.5	4	8.5	4	9.5	4	11	4		
30	15	< 5:12	5.5	4	5.5	4	5.5	4	5.5	4	6.5	4	7	4		
		7:12	6	4	6	4	6	4	6	4	6.5	4	7.5	4		
		12:12	6.5	4	6.5	4	6.5	4	7.5	4	8.5	4	9.5	4		
	30	< 5:12	6	6	6	6	6	6	6	6	6.5	6	7	6		
		7:12	6.5	6.5	6.5	6.5	6.5	6.5	7	6.5	8	6.5	9	6.5		
		12:12	7.5	7.5	7.5	7.5	8.5	7.5	9.5	7.5	11	7.5	12.5	7.5		
	45	< 5:12	6.5	9.5	6.5	9.5	6.5	9.5	6.5	9.5	6.5	9.5	7	9.5		
		7:12	7.5	10.5	7.5	10.5	7.5	10.5	8	10.5	9	10.5	10	10.5		
		12:12	9	12.5	9	12.5	10.5	12.5	12	12.5	14	12.5	15.5	12.5		
	60	< 5:12	7.5	14	7.5	14	7.5	14	7.5	14	7.5	14	7.5	14		
		7:12	8	15	8	15	8	15	8.5	15	10	15	11.5	15		
		12:12	10	18.5	10.5	18.5	12.5	18.5	14.5	18.5	16.5	18.5	18.5	18.5		
60	15	< 5:12	11	4	11	4	11	4	11	4	11.5	4	13	4		
		7:12	11.5	4	11.5	4	11.5	4	11.5	4	12.5	4	14.5	4		
		12:12	12.5	4	12.5	4	12.5	4	13.5	4	15.5	4	17.5	4		
	30	< 5:12	12	4	12	4	12	4	12	4	12	4	13	4		
		7:12	13	4	13	4	13	4	13	4	14.5	4	16.5	4		
		12:12	14.5	4	14.5	4	15.5	4	18	4	20.5	4	23	4		
	45	< 5:12	13	9.5	13	9.5	13	9.5	13	9.5	13	9.5	13.5	9.5		
		7:12	14	10.5	14	10.5	14	10.5	14.5	10.5	17	10.5	19	10.5		
		12:12	17	12.5	17	12.5	19.5	12.5	22.5	12.5	25.5	12.5	29	12.5		
	60	< 5:12	14	14	14	14	14	14	14	14	14	14	14	14		
		7:12	15.5	15	15.5	15	15.5	15	16.5	15	19	15	21.5	15		
		12:12	19.5	18.5	20	18.5	23.5	18.5	27.5	18.5	31.5	18.5	35.5	18.5		

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERScript TABLE NOTES



Table 10 SUPERFORM 8-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾											
			One Story or Top Story of Two Story											
			Basic Wind Speed (mph) Exposure ⁽⁸⁾											
			115B		120B		130B		140B		150B		160B	
			-		-		110C		119C		127C		136C	
			-		-		-		110D		117D		125D	
		⊥		⊥		⊥		⊥		⊥		⊥		
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4	4	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4	4	4	4	4.5	4	5	4
	45	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	4	5	4	6	4	7	4
	60	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4.5	4	5	4	5.5	4	6.5	4	7.5	4	8.5	4
30	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4	4
		12:12	4	4	4	4	4	4	4	4	4.5	4	5.5	4
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4
		7:12	4	4	4	4	4	4	4	4	4	4	4.5	4
		12:12	4.5	4	5	4	5.5	4	6.5	4	7.5	4	8.5	4
	45	< 5:12	4	5	4	5	4	5	4	5	4	5	4	5
		7:12	4	5.5	4	5.5	4	5.5	4.5	5.5	5	5.5	6	5.5
		12:12	6	7.5	6.5	7.5	7.5	7.5	9	7.5	10	7.5	11.5	7.5
	60	< 5:12	4	7.5	4	7.5	4	7.5	4	7.5	4	7.5	4	7.5
		7:12	5	8.5	5	8.5	5	8.5	5.5	8.5	6.5	8.5	7	8.5
		12:12	7.5	12	8	12	9.5	12	11	12	12.5	12	14.5	12
60	15	< 5:12	4.5	4	4.5	4	4.5	4	4.5	4	4.5	4	4.5	4
		7:12	5	4	5	4	5	4	5	4	5.5	4	6.5	4
		12:12	6	4	6	4	6.5	4	7.5	4	8.5	4	9.5	4
	30	< 5:12	5.5	4	5.5	4	5.5	4	5.5	4	5.5	4	5.5	4
		7:12	6.5	4	6.5	4	6.5	4	6.5	4	7.5	4	8.5	4
		12:12	8	4	8.5	4	10	4	11.5	4	13.5	4	15	4
	45	< 5:12	6.5	5	6.5	5	6.5	5	6.5	5	6.5	5	6.5	5
		7:12	7.5	5.5	7.5	5.5	7.5	5.5	8.5	5.5	9.5	5.5	11	5.5
		12:12	11	7.5	12	7.5	14	7.5	16	7.5	18.5	7.5	21	7.5
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	9	8.5	9	8.5	9	8.5	10.5	8.5	11.5	8.5	13.5	8.5
		12:12	14	12	15	12	18	12	20.5	12	23.5	12	27	12

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERScript TABLE NOTES



Table 11 SUPERFORM 8-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾													
			First Story of Two Story													
			Basic Wind Speed (mph) Exposure ⁽⁸⁾													
			115B		120B		130B		140B		150B		160B			
			-		-		110C		119C		127C		136C			
			-		-		-		110D		117D		125D			
		⊥		⊥		⊥		⊥		⊥		⊥				
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4	4	4	4	4	4	4	4	4.5	4	5.5	4		
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4	4	
		7:12	4	4	4	4	4	4	4	4	4.5	4	5	4		
		12:12	4	4	4	4	4.5	4	5.5	4	6	4	7	4		
	45	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4	4	
		7:12	4	4	4	4	4	4	4.5	4	5	4	5.5	4		
		12:12	5	4	5	4	6	4	7	4	8	4	9	4		
	60	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4	4	
		7:12	4.5	4	4.5	4	4.5	4	5	4	5.5	4	6.5	4		
		12:12	5.5	4	6	4	7	4	8	4	9.5	4	10.5	4		
30	15	< 5:12	5.5	4	5.5	4	5.5	4	5.5	4	6	4	7	4		
		7:12	6	4	6	4	6	4	6	4	6.5	4	7.5	4		
		12:12	6.5	4	6.5	4	6.5	4	7	4	8	4	9.5	4		
	30	< 5:12	6	6	6	6	6	6	6	6	6	6	7	6		
		7:12	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.5	6.5	8.5	6.5		
		12:12	7.5	7.5	7.5	7.5	8	7.5	9.5	7.5	11	7.5	12.5	7.5		
	45	< 5:12	6.5	9.5	6.5	9.5	6.5	9.5	6.5	9.5	6.5	9.5	7	9.5		
		7:12	7.5	10.5	7.5	10.5	7.5	10.5	7.5	10.5	8.5	10.5	10	10.5		
		12:12	9	12.5	9	12.5	10	12.5	12	12.5	13.5	12.5	15.5	12.5		
	60	< 5:12	7.5	14	7.5	14	7.5	14	7.5	14	7.5	14	7.5	14		
		7:12	8	15	8	15	8	15	8.5	15	9.5	15	11	15		
		12:12	10	18.5	10.5	18.5	12	18.5	14	18.5	16	18.5	18.5	18.5		
60	15	< 5:12	11	4	11	4	11	4	11	4	11	4	12.5	4		
		7:12	11.5	4	11.5	4	11.5	4	11.5	4	12.5	4	14	4		
		12:12	12.5	4	12.5	4	12.5	4	13.5	4	15	4	17	4		
	30	< 5:12	12	4	12	4	12	4	12	4	12	4	12.5	4		
		7:12	13	4	13	4	13	4	13	4	14	4	16	4		
		12:12	14.5	4	14.5	4	15	4	17.5	4	20	4	22.5	4		
	45	< 5:12	13	9.5	13	9.5	13	9.5	13	9.5	13	9.5	13	9.5		
		7:12	14	10.5	14	10.5	14	10.5	14.5	10.5	16.5	10.5	18.5	10.5		
		12:12	17	12.5	17	12.5	19	12.5	22	12.5	25	12.5	28.5	12.5		
	60	< 5:12	14	14	14	14	14	14	14	14	14	14	14	14		
		7:12	15.5	15	15.5	15	15.5	15	16.5	15	18.5	15	21	15		
		12:12	19.5	18.5	19.5	18.5	23	18.5	26.5	18.5	30.5	18.5	35	18.5		

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERScript TABLE NOTES



Table 12 SUPERFORM 10-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾													
			One Story or Top Story of Two Story													
			Basic Wind Speed (mph) Exposure ⁽⁸⁾													
			115B		120B		130B		140B		150B		160B			
			-		-		110C		119C		127C		136C			
			-		-		-		110D		117D		125D			
		⊥		⊥		⊥		⊥		⊥		⊥				
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4	4	4	4	4	4	4	4	4	4	4	4		
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4	4	4	4	4	4	4	4	4.5	4	5	4		
	45	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4	4	4	4	4.5	4	5	4	6	4	7	4		
	60	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4.5	4	5	4	5.5	4	6.5	4	7.5	4	8.5	4		
30	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4	4	4	4	4	4	4	4	4.5	4	5.5	4		
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4.5	4		
		12:12	4.5	4	5	4	5.5	4	6.5	4	7.5	4	8.5	4		
	45	< 5:12	4	5	4	5	4	5	4	5	4	5	4	5		
		7:12	4	5.5	4	5.5	4	5.5	4.5	5.5	5	5.5	6	5.5		
		12:12	6	7.5	6.5	7.5	7.5	7.5	9	7.5	10	7.5	11.5	7.5		
	60	< 5:12	4	7.5	4	7.5	4	7.5	4	7.5	4	7.5	4	7.5		
		7:12	5	8.5	5	8.5	5	8.5	5.5	8.5	6.5	8.5	7	8.5		
		12:12	7.5	12	8	12	9.5	12	11	12	12.5	12	14.5	12		
60	15	< 5:12	4.5	4	4.5	4	4.5	4	4.5	4	4.5	4	4.5	4		
		7:12	5	4	5	4	5	4	5	4	5.5	4	6.5	4		
		12:12	6	4	6	4	6.5	4	7.5	4	8.5	4	9.5	4		
	30	< 5:12	5.5	4	5.5	4	5.5	4	5.5	4	5.5	4	5.5	4		
		7:12	6.5	4	6.5	4	6.5	4	6.5	4	7.5	4	8.5	4		
		12:12	8	4	8.5	4	10	4	11.5	4	13.5	4	15	4		
	45	< 5:12	6.5	5	6.5	5	6.5	5	6.5	5	6.5	5	6.5	5		
		7:12	7.5	5.5	7.5	5.5	7.5	5.5	8.5	5.5	9.5	5.5	11	5.5		
		12:12	11	7.5	12	7.5	14	7.5	16	7.5	18.5	7.5	21	7.5		
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5		
		7:12	9	8.5	9	8.5	9	8.5	10.5	8.5	11.5	8.5	13.5	8.5		
		12:12	14	12	15	12	18	12	20.5	12	23.5	12	27	12		

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERScript TABLE NOTES



Table 13 SUPERFORM 10-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR WALL FOR WIND PERPENDICULAR AND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽⁷⁾⁽⁸⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Length of Solid Wall Required for Wind Perpendicular (⊥) and Parallel () to Ridge - IRC Seismic A – C (ft) ⁽⁷⁾													
			First Story of Two Story													
			Basic Wind Speed (mph) Exposure ⁽⁸⁾													
			115B		120B		130B		140B		150B		160B			
			-		-		110C		119C		127C		136C			
			-		-		-		110D		117D		125D			
		⊥		⊥		⊥		⊥		⊥		⊥				
15	15	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4	4	4	4		
		12:12	4	4	4	4	4	4	4	4	4.5	4	5.5	4		
	30	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4	4	4.5	4	5	4		
		12:12	4	4	4	4	4.5	4	5.5	4	6	4	7	4		
	45	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4	4	4	4	4	4	4.5	4	5	4	5.5	4		
		12:12	5	4	5	4	6	4	7	4	8	4	9	4		
	60	< 5:12	4	4	4	4	4	4	4	4	4	4	4	4		
		7:12	4.5	4	4.5	4	4.5	4	5	4	5.5	4	6.5	4		
		12:12	5.5	4	6	4	7	4	8	4	9.5	4	10.5	4		
30	15	< 5:12	5.5	4	5.5	4	5.5	4	5.5	4	6	4	7	4		
		7:12	6	4	6	4	6	4	6	4	6.5	4	7.5	4		
		12:12	6.5	4	6.5	4	6.5	4	7	4	8	4	9.5	4		
	30	< 5:12	6	6	6	6	6	6	6	6	6	6	7	6		
		7:12	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.5	6.5	8.5	6.5		
		12:12	7.5	7.5	7.5	7.5	8	7.5	9.5	7.5	11	7.5	12.5	7.5		
	45	< 5:12	6.5	9.5	6.5	9.5	6.5	9.5	6.5	9.5	6.5	9.5	7	9.5		
		7:12	7.5	10.5	7.5	10.5	7.5	10.5	7.5	10.5	8.5	10.5	10	10.5		
		12:12	9	12.5	9	12.5	10	12.5	12	12.5	13.5	12.5	15.5	12.5		
	60	< 5:12	7.5	14	7.5	14	7.5	14	7.5	14	7.5	14	7.5	14		
		7:12	8	15	8	15	8	15	8.5	15	9.5	15	11	15		
		12:12	10	18.5	10.5	18.5	12	18.5	14	18.5	16	18.5	18.5	18.5		
60	15	< 5:12	11	4	11	4	11	4	11	4	11	4	12.5	4		
		7:12	11.5	4	11.5	4	11.5	4	11.5	4	12.5	4	14	4		
		12:12	12.5	4	12.5	4	12.5	4	13.5	4	15	4	17	4		
	30	< 5:12	12	4	12	4	12	4	12	4	12	4	12.5	4		
		7:12	13	4	13	4	13	4	13	4	14	4	16	4		
		12:12	14.5	4	14.5	4	15	4	17.5	4	20	4	22.5	4		
	45	< 5:12	13	9.5	13	9.5	13	9.5	13	9.5	13	9.5	13	9.5		
		7:12	14	10.5	14	10.5	14	10.5	14.5	10.5	16.5	10.5	18.5	10.5		
		12:12	17	12.5	17	12.5	19	12.5	22	12.5	25	12.5	28.5	12.5		
	60	< 5:12	14	14	14	14	14	14	14	14	14	14	14	14		
		7:12	15.5	15	15.5	15	15.5	15	16.5	15	18.5	15	21	15		
		12:12	19.5	18.5	19.5	18.5	23	18.5	26.5	18.5	30.5	18.5	35	18.5		

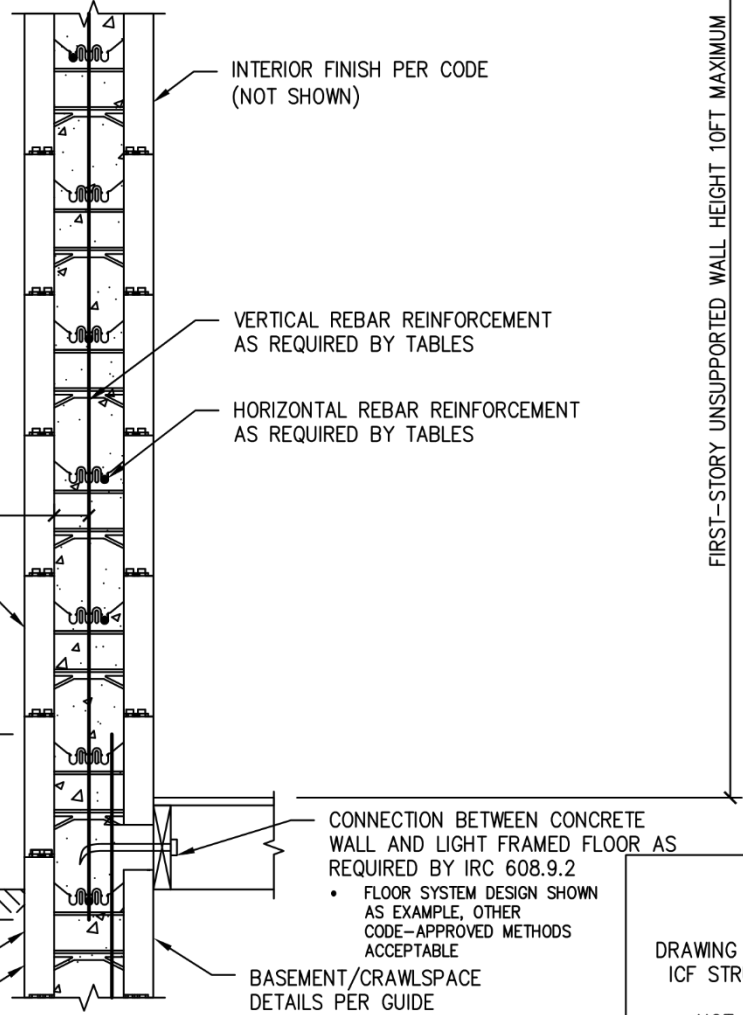
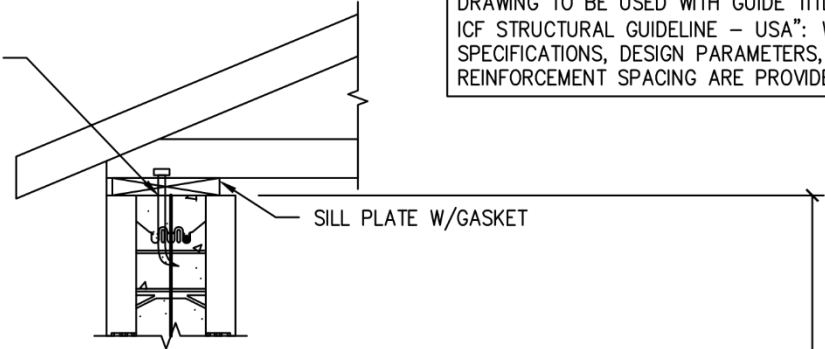
SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 13 ON PAGE 22 FOR REFERENCED SUPERSRIPT TABLE NOTES



CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3

- ROOF SYSTEM DESIGN SHOWN AS EXAMPLE, OTHER CODE-APPROVED METHODS

DRAWING TO BE USED WITH GUIDE TITLED "SUPERFORM ICF STRUCTURAL GUIDELINE – USA": WHERE MATERIALS SPECIFICATIONS, DESIGN PARAMETERS, AND REINFORCEMENT SPACING ARE PROVIDED.



OVERLAP – SEE GUIDE

A
1

ABOVE-GRADE CONCRETE WALL SINGLE STORY
 (TYP. 6", 6.5", 8", 10" WALLS)

NOT-TO-SCALE

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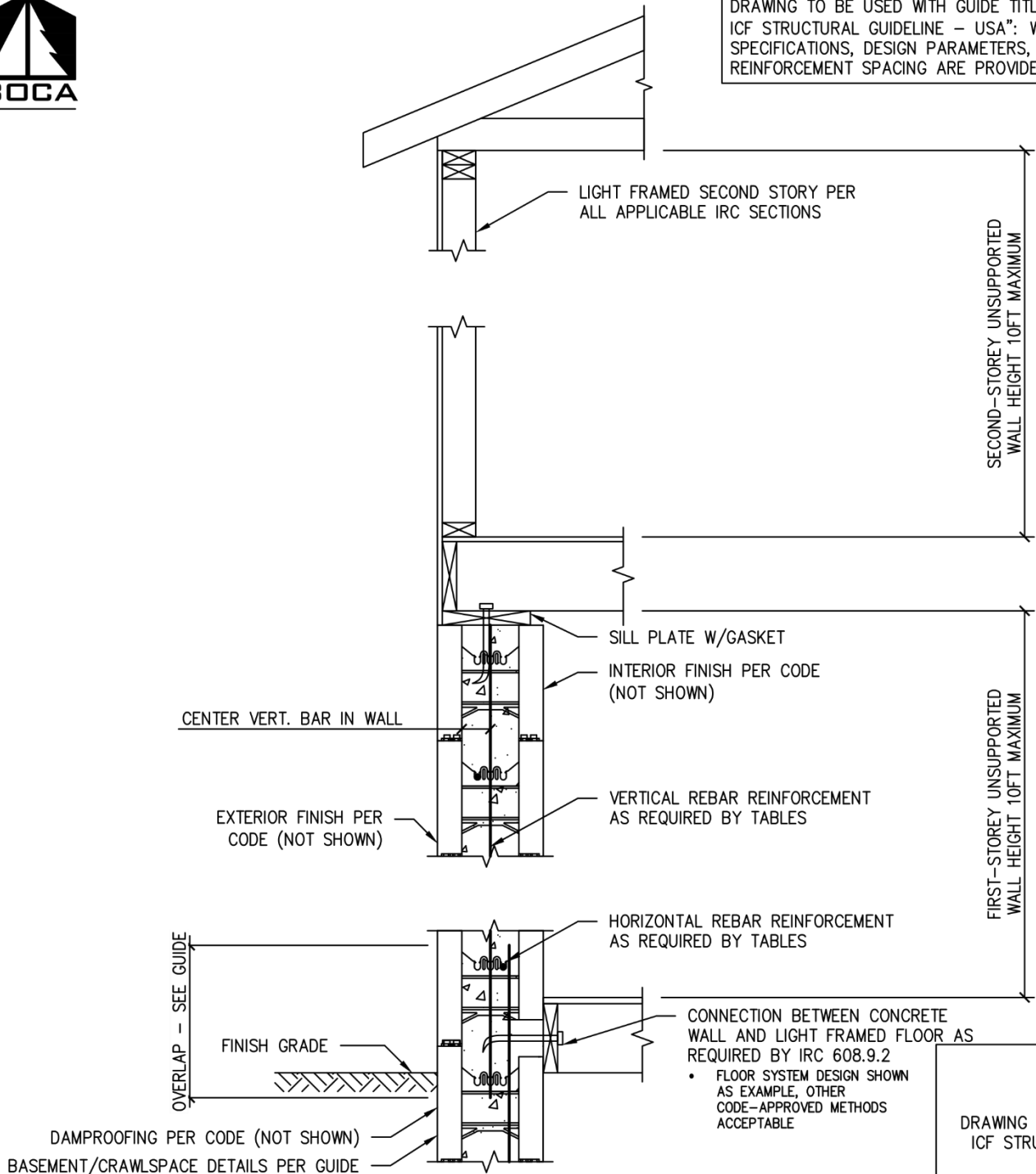
Figure 6 DRAWING 6080-SK2-1 SUPERFORM ABOVE-GRADE CONCRETE WALL SINGLE STORY

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[LIST OF TABLES](#)



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① ABOVE-GRADE CONCRETE WALL FIRST STOREY, LIGHT FRAMED SECOND STOREY (TYP. 6", 6.5", 8", 10" WALLS)
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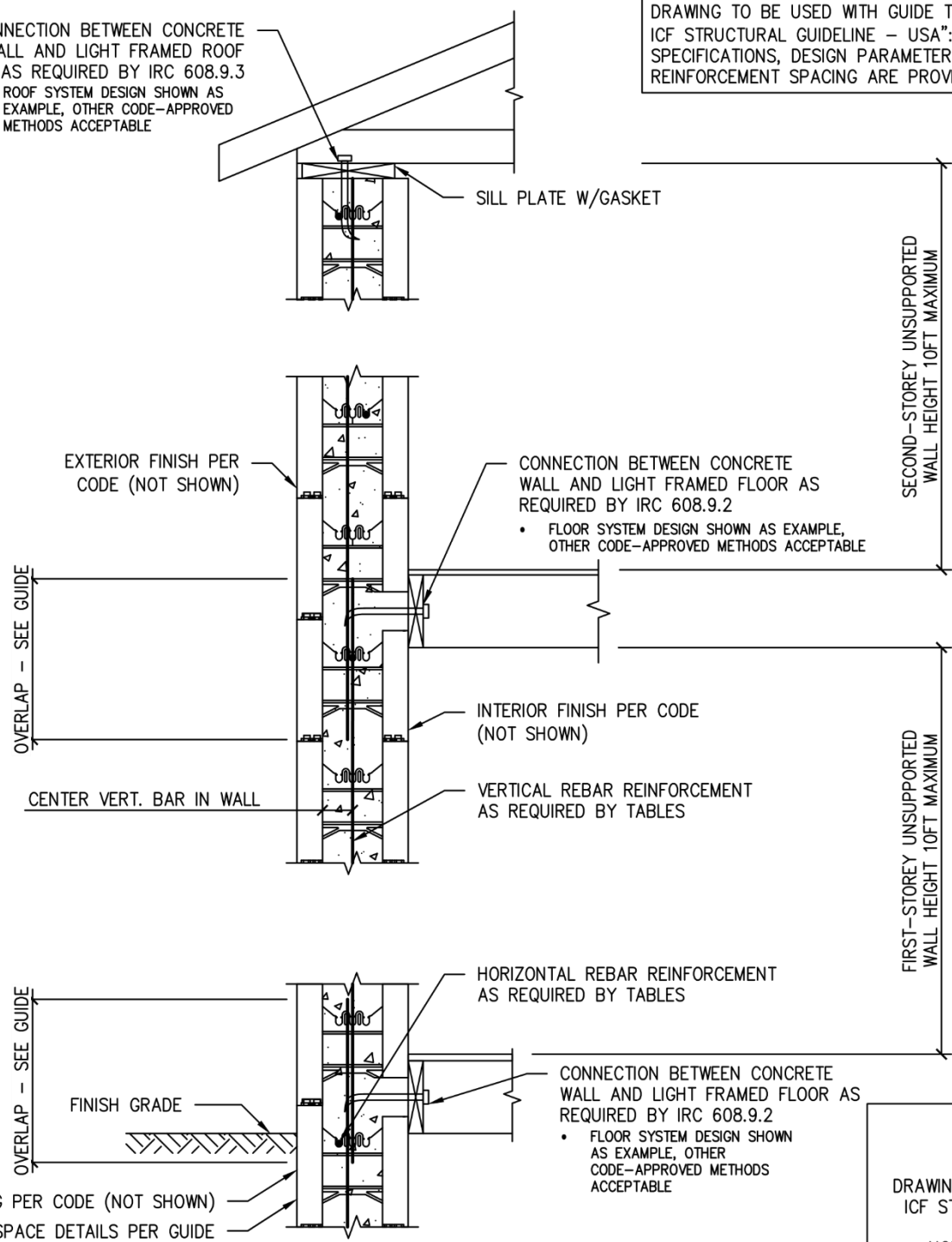
Figure 7 DRAWING 6080-SK2-2 SUPERFORM ABOVE-GRADE CONCRETE WALL FORST STOREY, LIGHT FRAMED SECOND STOREY

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CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3
 ROOF SYSTEM DESIGN SHOWN AS EXAMPLE, OTHER CODE-APPROVED METHODS ACCEPTABLE

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ABOVE-GRADE CONCRETE WALL TWO STOREY (TYP. 6", 6.5", 8", 10" WALLS)

A
3

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Figure 8 DRAWING 6080-SK2-3 SUPERFORM ABOVE-GRADE CONCRETE WALL TWO STOREY

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BOCA ENGINEERING CO.
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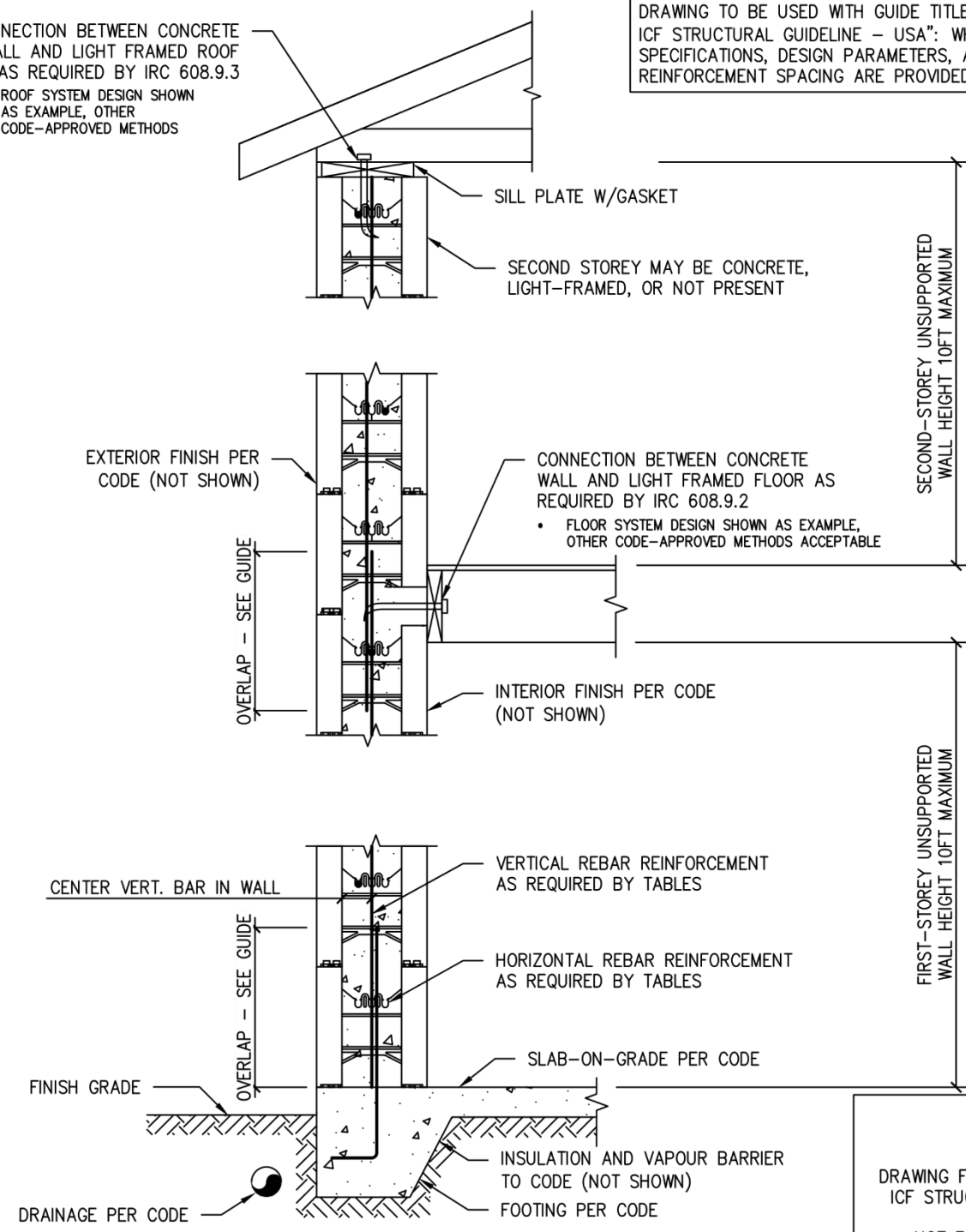
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 2025-12-31



CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3

- ROOF SYSTEM DESIGN SHOWN AS EXAMPLE, OTHER CODE-APPROVED METHODS

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(A) ABOVE-GRADE CONCRETE WALL SUPPORTED ON MONOLITHIC SLAB-ON-GRADE FOOTING (TYP. 6", 6.5", 8", 10" WALLS)
4 NOT-TO-SCALE

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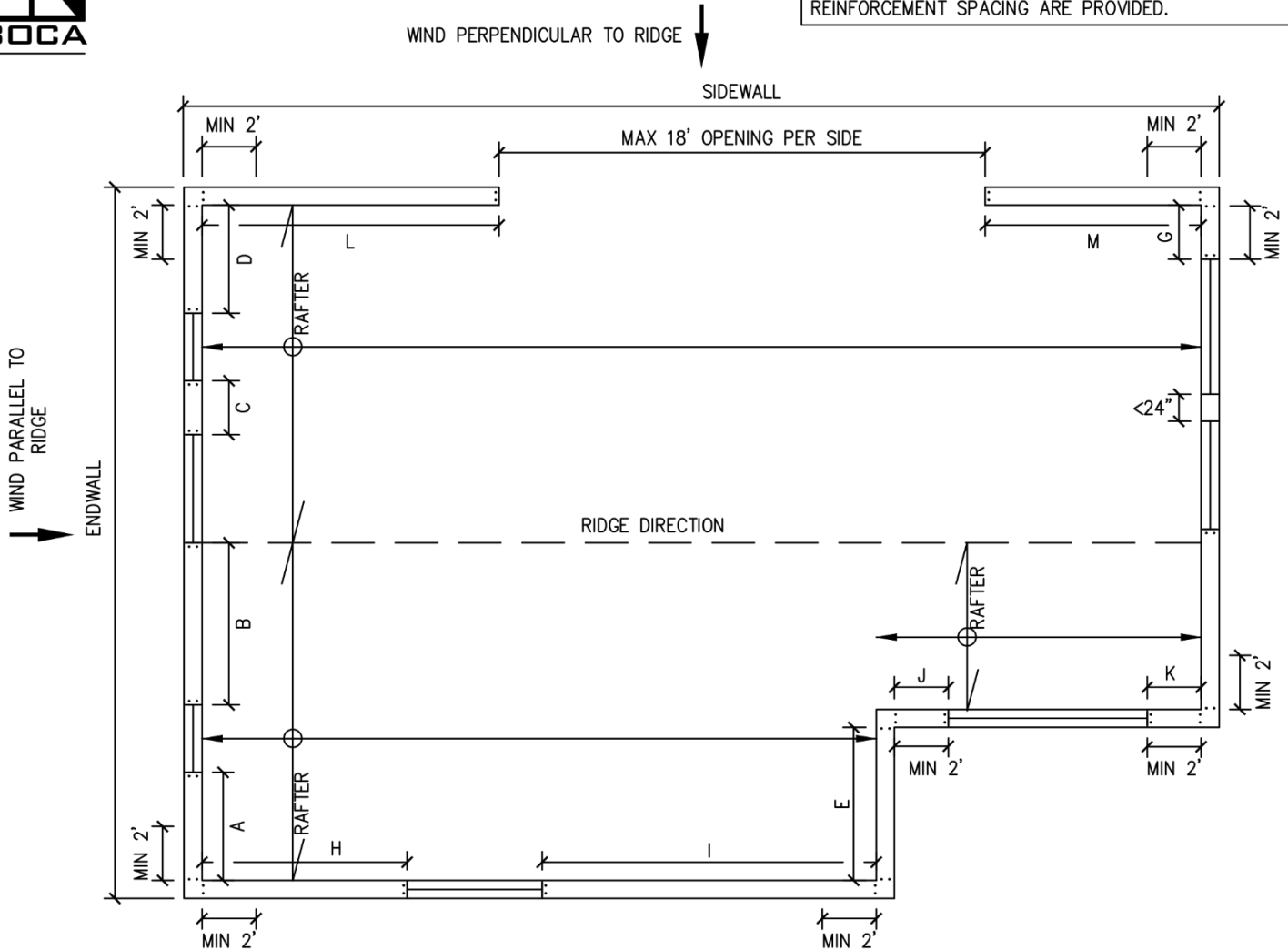
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Figure 9 DRAWING 6080-SK2-4 SUPERFORM ABOVE-GRADE CONCRETE WALL SUPPORTED ON MONOLITHIC SLAB-ON-GRADE

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ENDWALL SOLID WALL (SW) LENGTH SAMPLE CALCULATION

WIND PERPENDICULAR TO RIDGE

LEFT SIDE: SW LENGTH = A + B + C + D = APPLICABLE LENGTH FROM TABLES 6,7,10,11,14 OR 15

RIGHT SIDE: SW LENGTH = E + F + G = APPLICABLE LENGTH FROM TABLES 6,7,10,11,14 OR 15

SIDEWALL SOLID WALL (SW) LENGTH SAMPLE CALCULATION

WIND PARALLEL TO RIDGE

BOTTOM SIDE: SW LENGTH = H + I + J + K = APPLICABLE LENGTH FROM TABLES 8,9,12,13,16 OR 17

TOP SIDE: SW LENGTH = L + M = APPLICABLE LENGTH FROM TABLES 8,9,12,13,16 OR 17

END SOLID WALL LENGTHS SHALL BE A MIN. OF 2FT AT EACH CHANGE IN WALL DIRECTION.



TYP. ICF SOLID WALL BUILDING PLAN REFERENCE

NOT-TO-SCALE

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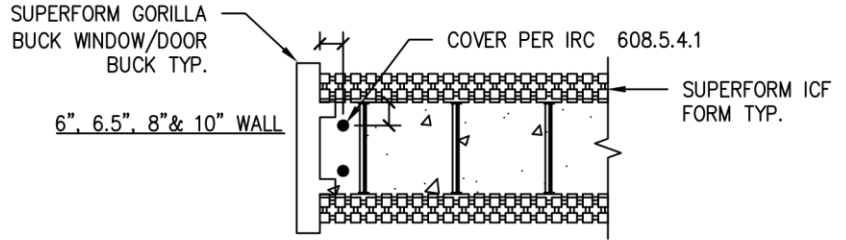
CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM TYP. ICF SOLID WALL BUILDING PLAN REFERENCE
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Figure 10 DRAWING 6080-SK2-5 SUPERFORM TYP. SOLID WALL BUILDING PLAN REFERENCE

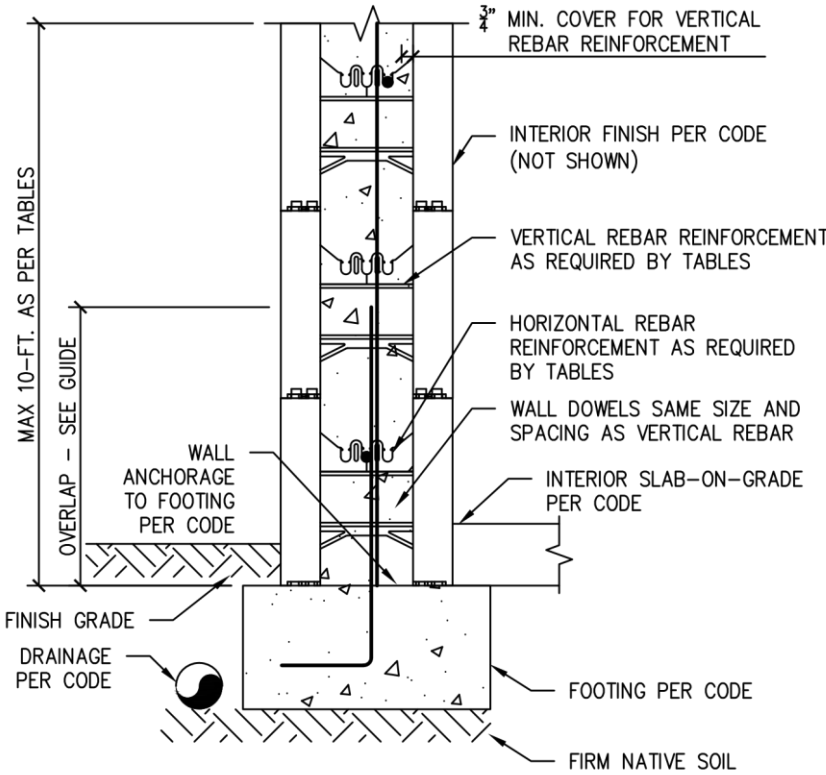
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- LIST OF TABLES



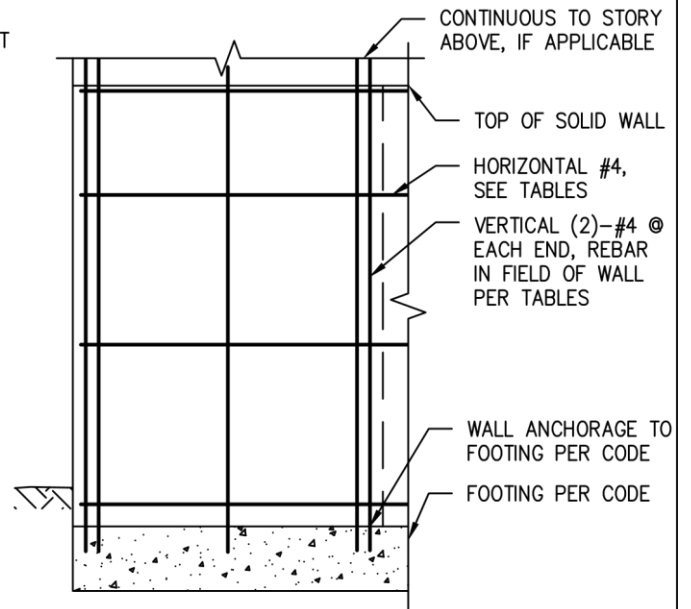
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TYP. #4 REBAR LAYOUT @ ENDS/OPENINGS TOP VIEW



A TYP. SOLID WALL SECTION
6 NOT-TO-SCALE



B TYP. SOLID WALL ELEV. SECTION
6 NOT-TO-SCALE

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SUPERFORM PRODUCTS LTD.	SUPERFORM ICF STRUCTURAL GUIDE	SUPERFORM TYP. ICF SOLID WALL DETAILS

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Figure 11 DRAWING 6080-SK2-6 SUPERFORM TYP. ICF SOLID WALL DETAILS

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6.0 Superform ICF Lintel Design Tables

6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL TABLE 14 — TABLE 19

1. Tables are based on IRC Tables R608.8(1) to (4) and (9).
2. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 6080-SK3-1 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
3. Table design values are based on uniform loading. Design professional required for lintels supporting point loads.
4. Deflection criteria is $L/240$ where L is the clear span of the lintel in inches, or $\frac{1}{2}$ ”, whichever is less.
5. Interpolation is not permitted.
6. Stirrups shall be fabricated from reinforcing bars having the same yield strength as that used for the main longitudinal reinforcement.
7. Allowable clear span without stirrups applicable to all lintels of the same depth, D . Top and bottom reinforcement for all lintels without stirrups shall be not less than the least amount of reinforcement required for a lintel of the same depth with stirrups. All other spans require stirrups spaced at no more than $d/2$.
8. Centre distance, “ A ”, is the centre portion of the clear span where stirrups are not required. This is applicable to all longitudinal bar sizes.
9. SR indicates that stirrups are required. Indicated stirrups are required in all lintels of this depth, thickness, and loading condition at a minimum spacing of $d/2$ where d is the distance from the top of the ICF block to the centre of the bottom bar.
10. Concrete is to have a minimum concrete specified 28-day compressive strength of 2500 psi.
11. Table values are based on a reinforcing yield strength of 60,000 psi; no substitution is permitted.
12. “-” are for lintels under uniform loading applications only. Lintels supporting concentrated loads, such as from roof or floor beams or girders, shall be designed in accordance with ACI 318. –R608.8.2.

Table 14 LINTEL DESIGN LOADING CONDITIONS

DESIGN LOAD CASE	DESCRIPTION OF LOADS ABOVE INFLUENCING DESIGN OF LINTEL
Case 1	An opening in a wall of top story of a two-story building, or the first story of a one-story building. The lintel is supporting loads from the roof including the attic floor if applicable.
Case 2	An opening in a wall of a first story of a two-story building where the wall immediately above is of concrete construction, or an opening in a basement wall of a one-story building where the wall immediately above is or concrete construction. The lintel is supporting loads from the wall above, floor, and roof, including attic floor if applicable.
Case 3	An opening in a basement wall of a two-story building where walls of two stories above are of concrete construction. The lintel is supporting loads from two stories of walls above, two stories of floor, and roof, including attic floor if applicable.
Case 4	An opening in wall of first story of two-story building where wall immediately above is of light-frame construction, or opening is in basement wall of a one-story building where the wall immediately above is of light-frame construction. The lintel is supporting loads from the wall above, floor, and roof, including attic floor if applicable.
Case 5	An opening in a basement wall of a three-story building where walls of three stories above are of light-frame construction. The lintel is supporting loads from three stories of walls above, three stories of floor, and roof, including attic floor if applicable.
Case 6 Non-Load bearing (NLB)	An opening in any story wall, in a structure falling within IRC and Superform ICF Structural Guide limitations, where all stories of floor framing above, and roof framing above is spanning parallel to the wall which the opening is in, and no floor or roof beams or girders are landing directly above the opening clear span.

Lintel Tables 15 to 19

Appendix A: Tables A1 to A22 for
Lintels Supporting Point Loads

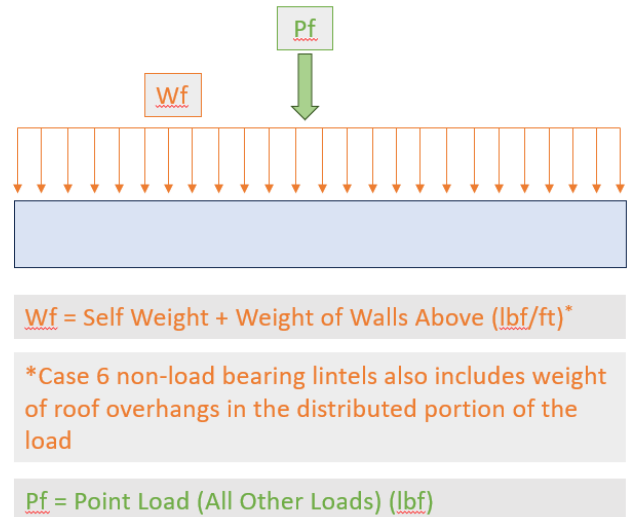
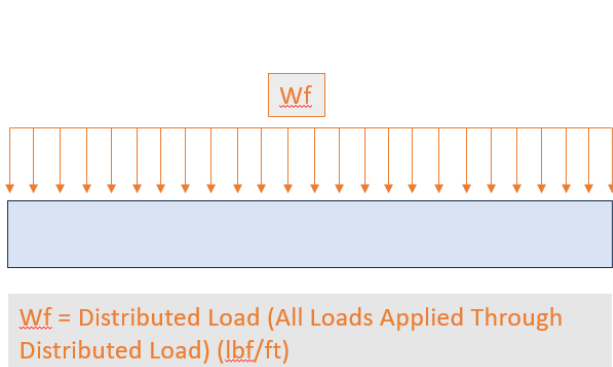


Figure 12 LINTEL LOADINGS



Table 15 SUPERFORM 4-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽¹¹⁾	Superform ICF Structural Guide Design Loading Condition ⁽³⁾														
		Case 1			Case 2			Case 3			Case 4			Case 5		
		Maximum Ground Snow Load (psf)														
		30	50	70	30	50	70	30	50	70	30	50	70	30	50	70
8	Max span without stirrups ⁽⁷⁾⁽⁹⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	5-3	4-6	3-9	3-6	3-3	3-0	2-9	2-9	2-6	3-9	3-6	3-3	2-6	2-6	
	1-#5	6-3	5-3	4-9	4-3	3-9	3-6	3-3	3-3	3-0	4-9	4-3	3-9	3-0	3-0	
	Center distance A ⁽⁸⁾	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
12	Max span without stirrups ⁽⁷⁾⁽⁹⁾	3-0	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	7-3	6-0	5-3	4-9	4-6	4-0	3-9	3-6	3-6	5-3	4-9	4-3	3-6	3-3	
	1-#5	8-9	7-3	6-6	5-9	5-3	5-0	4-6	4-6	4-3	6-6	5-9	5-3	4-3	4-3	
	2-#4 1-#6	9-9	8-3	7-3	6-6	6-0	5-6	5-0	5-0	4-9	7-3	6-6	6-0	4-9	4-9	
Center distance A ⁽⁸⁾	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0		
16	Max span without stirrups ⁽⁷⁾⁽⁹⁾	4-3	3-0	2-3	2-0	SR	SR	SR	SR	SR	2-3	SR	SR	SR	SR	
	1-#4	8-6	7-3	6-3	5-9	5-3	5-0	4-6	4-3	4-3	6-3	5-9	5-3	4-3	4-0	
	1-#5	10-6	9-0	7-9	7-0	6-6	6-0	5-6	5-6	5-0	7-9	7-0	6-6	5-3	5-0	
	2-#4 1-#6	11-9	10-0	8-9	8-0	7-3	6-9	6-3	6-0	5-9	8-9	8-0	7-3	5-9	5-9	
Center distance A ⁽⁸⁾	2-0	1-6	1-0	1-0	0-0	0-0	0-0	0-0	0-0	1-0	0-0	0-0	0-0	0-0		
20	Max span without stirrups ⁽⁷⁾⁽⁹⁾	5-6	4-0	3-0	2-6	2-0	SR	SR	SR	SR	3-0	2-6	2-0	SR	SR	
	1-#4	9-9	8-3	7-3	6-6	6-0	5-9	5-3	5-0	4-9	7-3	6-6	6-0	4-9	4-9	
	1-#5	12-0	10-3	9-0	8-3	7-6	7-0	6-3	6-3	6-0	9-0	8-0	7-6	6-0	5-9	
	2-#4 1-#6	13-6	11-6	10-0	9-3	8-6	7-9	7-3	7-0	6-9	10-0	9-0	8-3	6-9	6-9	
Center distance A ⁽⁸⁾	2-9	2-0	1-6	1-3	1-0	0-0	0-0	0-0	0-0	1-6	1-3	1-0	0-0	0-0		
24	Max span without stirrups ⁽⁷⁾⁽⁹⁾	6-9	4-9	3-9	3-0	2-6	2-3	SR	SR	SR	3-9	3-0	2-6	SR	SR	
	1-#4	10-9	9-3	8-0	7-3	6-9	6-3	5-9	5-6	5-3	8-0	7-3	6-9	5-6	5-3	
	1-#5	13-3	11-3	10-0	9-0	8-3	7-9	7-0	7-0	6-6	10-0	9-0	8-3	6-9	6-6	
	2-#4 1-#6	15-0	12-9	11-3	10-3	9-6	8-9	8-0	7-9	7-6	11-3	10-3	9-3	7-6	7-3	
Center distance A ⁽⁸⁾	3-3	2-3	1-9	1-6	1-3	1-0	0-0	0-0	0-0	1-9	1-6	1-3	0-0	0-0		

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL TABLE 14 — TABLE 19 ON PAGE 37 FOR REFERENCED SUPERScript TABLE NOTES

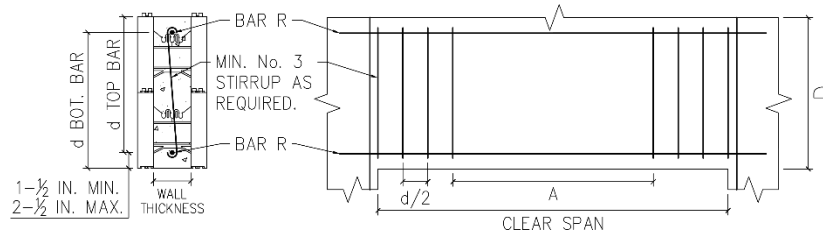


Table 16 SUPERFORM 6-INCH & 6.5-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽¹¹⁾	Superform ICF Structural Guide Design Loading Condition ⁽³⁾															
		Case 1			Case 2			Case 3			Case 4			Case 5			
		Maximum Ground Snow Load (psf)															
		30	50	70	30	50	70	30	50	70	30	50	70	30	50	70	
8	Max span without stirrups ⁽⁷⁾⁽⁹⁾	2-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-6	4-6	4-0	3-6	3-3	3-0	2-6	2-6	2-6	4-0	3-6	3-3	2-6	2-6	2-6	2-6
	1-#5	6-6	5-6	4-9	4-3	3-9	3-6	3-3	3-0	3-0	4-9	4-3	4-0	3-3	3-3	3-0	3-0
	2-#4 1-#6	7-3	6-0	5-3	4-6	4-3	4-0	3-6	3-6	3-3	5-3	4-9	4-6	3-6	3-6	3-6	3-6
	Center distance A ⁽⁸⁾	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁷⁾⁽⁹⁾	4-6	3-3	2-6	SR	SR	SR	SR	SR	SR	2-6	2-0	SR	SR	SR	SR	SR
	1-#4	7-3	6-0	5-3	4-6	4-3	4-0	3-6	3-6	3-3	5-3	4-9	4-6	3-6	3-6	3-6	3-6
	1-#5	8-9	7-6	6-6	5-9	5-3	4-9	4-3	4-3	4-0	6-6	6-0	5-6	4-3	4-3	4-3	4-3
	2-#4 1-#6	10-0	8-3	7-3	6-3	5-9	5-6	4-9	4-9	4-6	7-3	6-6	6-0	5-0	4-9	4-9	4-9
	2-#5	12-0	10-0	9-0	7-9	7-0	6-9	6-0	5-9	5-6	8-9	8-0	7-3	6-0	5-9	5-9	5-9
16	Max span without stirrups ⁽⁷⁾⁽⁹⁾	6-3	4-6	3-6	2-6	2-3	2-0	SR	SR	SR	3-6	2-9	2-3	SR	SR	SR	SR
	1-#4	8-6	7-3	6-3	5-6	5-0	4-9	4-3	4-0	4-0	6-3	5-9	5-3	4-3	4-3	4-0	4-0
	1-#5	10-6	9-0	7-9	6-9	6-3	5-9	5-3	5-0	5-0	7-9	7-0	6-6	5-3	5-3	5-0	5-0
	2-#4 1-#6	12-0	10-0	8-9	7-9	7-0	6-9	6-0	5-9	5-6	8-9	8-0	7-3	6-0	5-9	5-9	5-9
	2-#5	14-6	12-3	10-9	9-3	8-9	8-0	7-3	7-0	6-9	10-9	9-9	9-0	7-3	7-3	7-0	7-0
20	Max span without stirrups ⁽⁷⁾⁽⁹⁾	8-0	5-9	4-6	3-3	2-9	2-6	2-0	2-0	SR	4-6	3-9	3-0	2-0	2-0	SR	SR
	1-#4	9-9	8-3	7-3	6-3	5-9	5-6	4-9	4-9	4-6	7-3	6-6	6-0	4-9	4-9	4-9	4-9
	1-#5	12-0	10-3	9-0	7-9	7-3	6-9	6-0	5-9	5-6	9-0	8-0	7-6	6-0	6-0	5-9	5-9
	2-#4 1-#6	13-6	11-6	10-3	8-9	8-0	7-6	6-9	6-6	6-3	10-0	9-3	8-6	6-9	6-9	6-6	6-6
	2-#5	16-6	14-0	12-6	10-9	10-0	9-3	8-3	8-3	7-9	12-6	11-3	10-3	8-6	8-3	8-0	8-0
24	Max span without stirrups ⁽⁷⁾⁽⁹⁾	9-9	7-0	5-6	4-0	3-6	3-0	2-6	2-3	2-0	5-6	4-6	3-9	2-6	2-6	2-3	2-3
	1-#4	10-6	9-0	8-0	7-0	6-6	6-0	5-3	5-3	5-0	8-0	7-3	6-9	5-6	5-3	5-3	5-3
	1-#5	13-3	11-3	10-0	8-6	8-0	7-6	6-9	6-6	6-3	10-0	9-0	8-3	6-9	6-6	6-6	6-6
	2-#4 1-#6	15-0	12-9	11-3	9-9	9-0	8-6	7-6	7-3	7-0	11-3	10-3	9-3	7-6	7-6	7-3	7-3
	2-#5	18-0	15-6	13-9	12-0	11-0	10-6	9-3	9-0	8-9	13-9	12-6	11-6	9-6	9-3	9-0	9-0
Center distance A ⁽⁸⁾	4-9	3-6	2-9	2-0	1-9	1-6	1-3	1-0	1-0	2-9	2-3	1-9	1-3	1-3	1-3	1-0	1-0

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL TABLE 14 — TABLE 19 ON PAGE 37 FOR REFERENCED SUPERScript TABLE NOTES

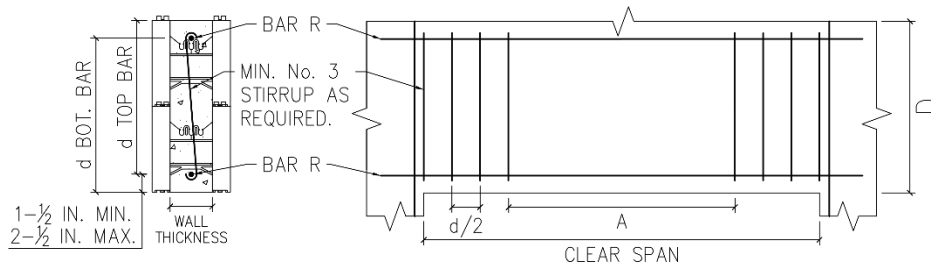


Table 17 SUPERFORM 8-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽¹¹⁾	Superform ICF Structural Guide Design Loading Condition ⁽³⁾														
		Case 1			Case 2			Case 3			Case 4			Case 5		
		Maximum Ground Snow Load (psf)														
		30	50	70	30	50	70	30	50	70	30	50	70	30	50	70
8	Max span without stirrups ⁽⁷⁾⁽⁹⁾	3-6	2-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-6	4-6	4-0	3-3	3-0	2-9	2-6	2-6	2-3	4-0	3-6	3-3	2-9	2-6	2-6
	1-#5	6-6	5-6	5-0	4-0	3-9	3-6	3-0	3-0	2-9	4-9	4-6	4-0	3-3	3-3	3-3
	2-#4	7-6	6-3	5-6	4-6	4-3	4-0	3-6	3-3	3-3	5-6	5-0	4-6	3-9	3-6	3-6
	1-#6	7-6	6-3	5-6	4-6	4-3	4-0	3-6	3-3	3-3	5-6	5-0	4-6	3-9	3-6	3-6
	2-#5	9-0	7-6	6-6	5-6	5-0	4-9	4-0	4-0	3-9	6-6	6-0	5-6	4-6	4-3	4-3
	Center distance A ⁽⁸⁾	1-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁷⁾⁽⁹⁾	6-0	4-3	3-3	2-3	2-0	SR	SR	SR	SR	3-3	2-9	2-3	SR	SR	SR
	1-#4	7-0	6-0	5-3	4-3	4-0	3-9	3-3	3-3	3-0	5-3	4-9	4-6	3-6	3-6	3-6
	1-#5	8-9	7-6	6-6	5-6	5-0	4-9	4-0	4-0	3-9	6-6	6-0	5-6	4-6	4-3	4-3
	2-#4	10-0	8-6	7-6	6-0	5-9	5-3	4-9	4-6	4-3	7-3	6-9	6-3	5-0	5-0	4-9
	1-#6	10-0	8-6	7-6	6-0	5-9	5-3	4-9	4-6	4-3	7-3	6-9	6-3	5-0	5-0	4-9
	2-#5	12-0	10-3	9-0	7-6	7-0	6-6	5-9	5-6	5-3	9-0	8-3	7-6	6-0	6-0	5-9
	Center distance A ⁽⁸⁾	3-0	2-0	1-6	1-0	1-0	0-0	0-0	0-0	0-0	1-6	1-3	1-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁷⁾⁽⁹⁾	8-3	6-0	4-6	3-0	2-9	2-6	SR	SR	SR	4-6	3-9	3-3	2-0	2-0	2-0
	1-#4	8-6	7-3	6-3	5-3	4-9	4-6	4-0	4-0	3-9	6-3	5-9	5-3	4-3	4-3	4-0
	1-#5	10-6	8-9	7-9	6-6	6-0	5-9	5-0	4-9	4-9	7-9	7-0	6-6	5-3	5-3	5-0
	2-#4	11-9	10-0	8-9	7-3	6-9	6-6	5-6	5-6	5-3	8-9	8-0	7-3	6-0	6-0	5-9
	1-#6	11-9	10-0	8-9	7-3	6-9	6-6	5-6	5-6	5-3	8-9	8-0	7-3	6-0	6-0	5-9
	2-#5	14-6	12-3	11-0	9-0	8-6	8-0	7-0	6-9	6-6	10-9	9-9	9-0	7-3	7-3	7-0
	Center distance A ⁽⁸⁾	4-0	3-0	2-3	1-6	1-3	1-3	0-0	0-0	0-0	2-3	1-9	1-6	1-0	1-0	1-0
20	Max span without stirrups ⁽⁷⁾⁽⁹⁾	10-3	7-6	6-0	4-0	3-6	3-0	2-3	2-3	2-0	5-9	4-9	4-0	2-9	2-6	2-6
	1-#4	9-6	8-0	7-3	6-0	5-6	5-3	4-6	4-6	4-3	7-3	6-6	6-0	4-9	4-9	4-9
	1-#5	11-9	10-0	9-0	7-6	7-0	6-6	5-9	5-6	5-3	9-0	8-0	7-6	6-0	6-0	5-9
	2-#4	13-3	11-6	10-0	8-3	7-9	7-3	6-6	6-3	6-0	10-0	9-3	8-6	6-9	6-9	6-6
	1-#6	13-3	11-6	10-0	8-3	7-9	7-3	6-6	6-3	6-0	10-0	9-3	8-6	6-9	6-9	6-6
	2-#5	16-6	14-0	12-6	10-3	9-6	9-0	8-0	7-9	7-6	12-6	11-3	10-6	8-6	8-3	8-3
	Center distance A ⁽⁸⁾	5-0	3-9	3-0	2-0	1-9	1-6	1-0	1-0	1-0	2-9	2-3	2-0	1-3	1-3	1-3
24	Max span without stirrups ⁽⁷⁾⁽⁹⁾	12-6	9-0	7-3	5-0	4-3	3-9	3-0	2-9	2-6	7-0	5-9	5-0	3-3	3-3	3-0
	1-#4	10-6	9-0	8-0	6-6	6-3	5-9	5-0	5-0	4-9	8-0	7-3	6-6	5-6	5-3	5-3
	1-#5	13-0	11-0	9-9	8-3	7-6	7-3	6-3	6-3	6-0	9-9	9-0	8-3	6-9	6-6	6-6
	2-#4	14-9	12-6	11-3	9-3	8-9	8-3	7-3	7-0	6-9	11-0	10-0	9-3	7-6	7-6	7-3
	1-#6	14-9	12-6	11-3	9-3	8-9	8-3	7-3	7-0	6-9	11-0	10-0	9-3	7-6	7-6	7-3
	2-#5	18-0	15-6	13-9	11-6	10-9	10-0	8-9	8-9	8-3	13-9	12-6	11-6	9-6	9-3	9-0
	Center distance A ⁽⁸⁾	6-3	4-6	3-6	2-6	2-0	1-9	1-6	1-3	1-3	3-6	2-9	2-6	1-6	1-6	1-6

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL TABLE 14 — TABLE 19 ON PAGE 37 FOR REFERENCED SUPERScript TABLE NOTES

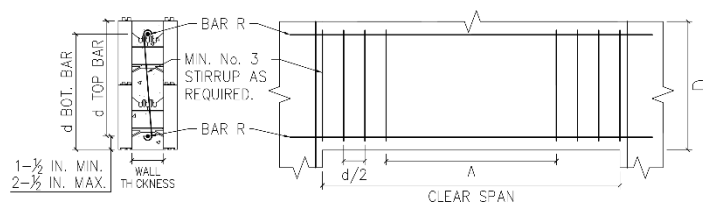


Table 18 SUPERFORM 10-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽¹¹⁾	Superform ICF Structural Guide Design Loading Condition ⁽³⁾														
		Case 1			Case 2			Case 3			Case 4			Case 5		
		Maximum Ground Snow Load (psf)														
		30	50	70	30	50	70	30	50	70	30	50	70	30	50	70
8	Max span without stirrups ⁽⁷⁾⁽⁹⁾	4-3	3-0	2-3	SR	SR	SR	SR	SR	SR	2-3	2-0	SR	SR	SR	SR
	1-#4	5-6	4-6	4-0	3-0	3-0	2-9	2-3	2-3	2-3	4-0	3-6	3-3	2-9	2-6	2-6
	1-#5	6-9	5-6	5-0	3-9	3-6	3-6	3-0	2-9	2-9	5-0	4-6	4-0	3-3	3-3	3-3
	2-#4 1-#6	7-6	6-3	5-6	4-3	4-0	3-9	3-3	3-3	3-0	5-6	5-0	4-6	3-9	3-9	3-6
	2-#5	9-0	7-6	6-9	5-3	5-0	4-9	4-0	4-0	3-9	6-9	6-0	5-6	4-6	4-6	4-3
	Center distance A ⁽⁸⁾	2-0	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	1-0	1-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁷⁾⁽⁹⁾	7-3	5-3	4-0	2-6	2-3	2-0	SR	SR	SR	4-0	3-3	2-9	SR	SR	SR
	1-#4	7-0	6-0	5-3	4-3	4-0	3-9	3-3	3-0	3-0	5-3	4-9	4-6	3-6	3-6	3-6
	1-#5	8-9	7-6	6-6	5-3	4-9	4-6	4-0	3-9	3-9	6-6	6-0	5-6	4-6	4-3	4-3
	2-#4 1-#6	10-0	8-6	7-6	5-9	5-6	5-3	4-6	4-3	4-3	7-6	6-9	6-3	5-0	5-0	4-9
	2-#5	12-0	10-3	9-0	7-3	6-9	6-3	5-6	5-3	5-3	9-0	8-3	7-6	6-3	6-0	6-0
	2-#6	14-3	12-0	10-6	8-6	7-9	7-6	6-3	6-3	6-0	10-6	9-6	8-9	7-3	7-0	7-0
Center distance A ⁽⁸⁾	3-6	2-6	2-0	1-3	1-0	1-0	0-0	0-0	0-0	2-0	1-6	1-3	0-0	0-0	0-0	
16	Max span without stirrups ⁽⁷⁾⁽⁹⁾	10-0	7-3	5-9	3-6	3-0	2-9	2-0	2-0	SR	5-9	4-9	4-0	2-6	2-6	2-6
	1-#4	8-3	7-0	6-3	5-0	4-9	4-6	3-9	3-9	3-6	6-3	5-9	5-3	4-3	4-3	4-0
	1-#5	10-3	8-9	7-9	6-3	5-9	5-6	4-9	4-6	4-6	7-9	7-0	6-6	5-3	5-3	5-0
	2-#4 1-#6	11-9	10-0	8-9	7-0	6-6	6-3	5-3	5-3	5-0	8-9	8-0	7-3	6-0	6-0	5-9
	2-#5	14-6	12-3	11-0	8-9	8-0	7-9	6-6	6-6	6-3	10-9	9-9	9-0	7-6	7-3	7-3
	2-#6	17-0	14-6	12-9	10-3	9-6	9-0	7-9	7-6	7-3	12-9	11-6	10-9	8-9	8-6	8-6
Center distance A ⁽⁸⁾	5-0	3-6	2-9	1-9	1-6	1-3	1-0	1-0	0-0	2-9	2-3	2-0	1-3	1-3	1-3	
20	Max span without stirrups ⁽⁷⁾⁽⁹⁾	12-6	9-3	7-3	4-6	4-0	3-6	2-9	2-6	2-3	7-3	6-0	5-0	3-3	3-3	3-3
	1-#4	9-3	8-0	7-0	5-9	5-3	5-0	4-3	4-3	4-0	7-0	6-6	6-0	4-9	4-9	4-9
	1-#5	11-6	10-0	8-9	7-0	6-6	6-3	5-3	5-3	5-0	8-9	8-0	7-6	6-0	6-0	5-9
	2-#4 1-#6	13-3	11-3	10-0	8-0	7-6	7-0	6-0	6-0	5-9	10-0	9-0	8-6	6-9	6-9	6-6
	2-#5	16-3	14-0	12-6	9-9	9-3	8-9	7-6	7-6	7-3	12-3	11-3	10-3	8-6	8-3	8-3
	2-#6	18-0	16-6	14-6	11-9	11-0	10-3	9-0	8-9	8-6	14-6	13-3	12-3	10-0	9-9	9-9
Center distance A ⁽⁸⁾	6-3	4-6	3-6	2-3	2-0	1-9	1-3	1-3	1-0	3-6	3-0	2-6	1-6	1-6	1-6	
24	Max span without stirrups ⁽⁷⁾⁽⁹⁾	14-9	11-0	8-9	5-6	5-0	4-6	3-3	3-3	3-0	8-9	7-3	6-3	4-0	4-0	3-9
	1-#4	10-3	8-9	7-9	6-3	5-9	5-6	4-9	4-9	4-6	7-9	7-0	6-6	5-3	5-3	5-3
	1-#5	12-9	11-0	9-9	7-9	7-3	7-0	6-0	5-9	5-9	9-9	8-9	8-3	6-9	6-6	6-6
	2-#4 1-#6	14-6	12-6	11-0	8-9	8-3	7-9	6-9	6-9	6-6	11-0	10-0	9-3	7-6	7-6	7-3
	2-#5	17-9	15-3	13-9	11-0	10-3	9-9	8-6	8-3	8-0	13-9	12-6	11-6	9-6	9-3	9-0
	2-#6	18-0	18-0	16-3	13-0	12-3	11-6	10-0	9-9	9-6	16-0	14-9	13-6	11-0	11-0	10-9
Center distance A ⁽⁸⁾	7-3	5-6	4-3	2-9	2-6	2-3	1-6	1-6	1-6	4-3	3-6	3-0	2-0	2-0	1-9	

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL TABLE 14 — TABLE 19 ON PAGE 37 FOR REFERENCED SUPERScript TABLE NOTES

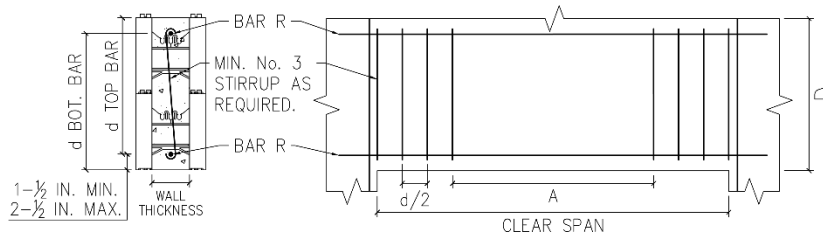
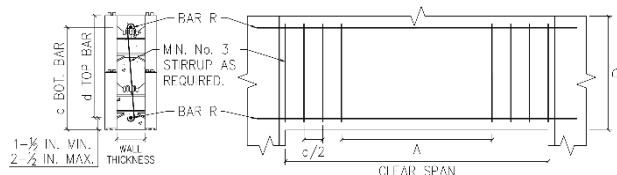


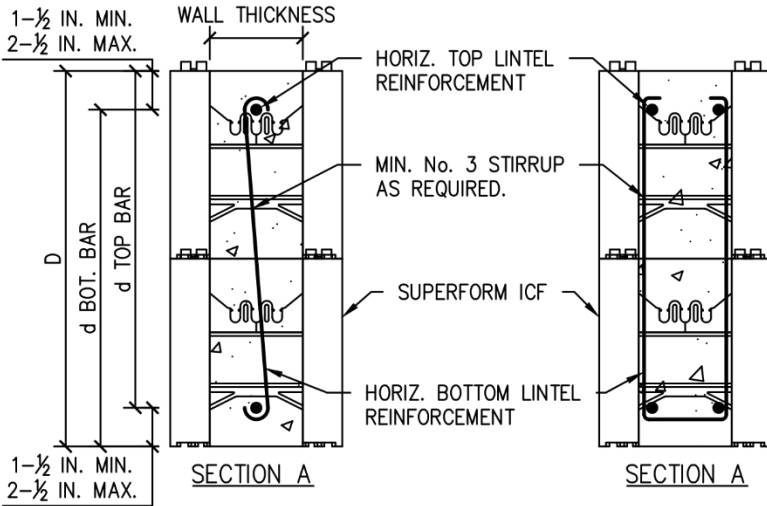
Table 19 SUPERFORM ICF NON-LOAD BEARING MAXIMUM ALLOWABLE LINTEL CLEAR SPANS IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽¹¹⁾	Superform ICF Wall Thickness									
		4 in		6-6.5in		8in		10in		12in	
		Wall Construction Over									
		Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable
8	Max span without stirrups ⁽⁷⁾⁽⁹⁾	SR	2-6	SR	3-9	SR	5-0	SR	6-0		
	1-#4	4-9	6-3	4-0	6-6	3-6	6-6	3-3	6-3		
	1-#5	5-6	7-6	4-9	7-9	4-3	7-9	4-0	7-9		
	2-#4	-	-	5-6	8-9	4-9	8-9	4-6	8-9		
	2-#5	-	-	-	-	5-9	10-6	5-6	10-9		
	2-#6	-	-	-	-	-	-	-	-		
	Center distance A ⁽⁸⁾	0-0	1-3	0-0	1-9	0-0	2-6	0-0	3-0		
12	Max span without stirrups ⁽⁷⁾⁽⁹⁾	2-3	4-3	2-6	6-3	2-6	8-3	2-9	10-0		
	1-#4	6-3	8-6	5-3	8-6	4-9	8-3	4-3	8-3		
	1-#5	7-9	10-3	6-6	10-6	5-9	10-3	5-3	10-3		
	2-#4	-	-	7-6	11-9	6-6	11-9	6-0	11-6		
	2-#5	-	-	9-0	14-3	8-0	14-3	7-3	14-3		
	2-#6	-	-	10-3	16-3	9-3	16-6	8-6	16-6		
	Center distance A ⁽⁸⁾	1-0	2-0	1-3	3-0	1-3	4-0	1-3	5-0		
16	Max span without stirrups ⁽⁷⁾⁽⁹⁾	3-3	6-0	3-6	8-9	3-9	11-3	3-9	13-6		
	1-#4	7-6	10-3	6-6	10-0	5-9	9-9	5-0	9-9		
	1-#5	9-3	12-6	8-0	12-6	7-0	12-3	6-3	12-0		
	2-#4	10-6	14-0	9-0	14-0	8-0	13-9	7-3	13-6		
	2-#5	12-6	17-0	11-0	17-0	9-9	17-0	8-9	16-9		
	2-#6	14-3	18-0	12-9	18-0	11-6	18-0	10-6	18-0		
	Center distance A ⁽⁸⁾	1-6	3-0	1-9	4-3	1-9	5-6	1-9	6-9		
20	Max span without stirrups ⁽⁷⁾⁽⁹⁾	4-3	7-9	4-6	11-0	4-9	14-0	4-9	16-9		
	1-#4	8-6	11-6	7-3	11-3	6-6	11-0	5-9	10-9		
	1-#5	10-6	14-3	9-0	14-0	8-0	13-9	7-3	13-6		
	2-#4	12-0	16-0	10-3	15-9	9-0	15-6	8-3	15-3		
	2-#5	14-6	18-0	12-6	18-0	11-3	18-0	10-0	18-0		
	2-#6	16-9	18-0	14-9	18-0	13-0	18-0	12-0	18-0		
	Center distance A ⁽⁸⁾	2-0	3-9	2-3	5-6	2-3	7-0	2-3	8-3		
24	Max span without stirrups ⁽⁷⁾⁽⁹⁾	5-3	9-3	5-6	13-3	5-9	16-6	5-9	18-0		
	1-#4	9-6	12-9	8-0	12-3	7-0	12-0	6-6	11-9		
	1-#5	11-9	15-9	10-0	15-3	8-9	15-0	8-0	14-6		
	2-#4	13-3	17-9	11-3	17-3	10-0	17-0	9-0	16-6		
	2-#5	16-3	18-0	14-0	18-0	12-3	18-0	11-3	18-0		
	2-#6	18-0	18-0	16-3	18-0	14-6	18-0	13-3	18-0		
	Center distance A ⁽⁸⁾	2-6	4-6	2-9	6-6	2-9	8-3	2-9	9-9		

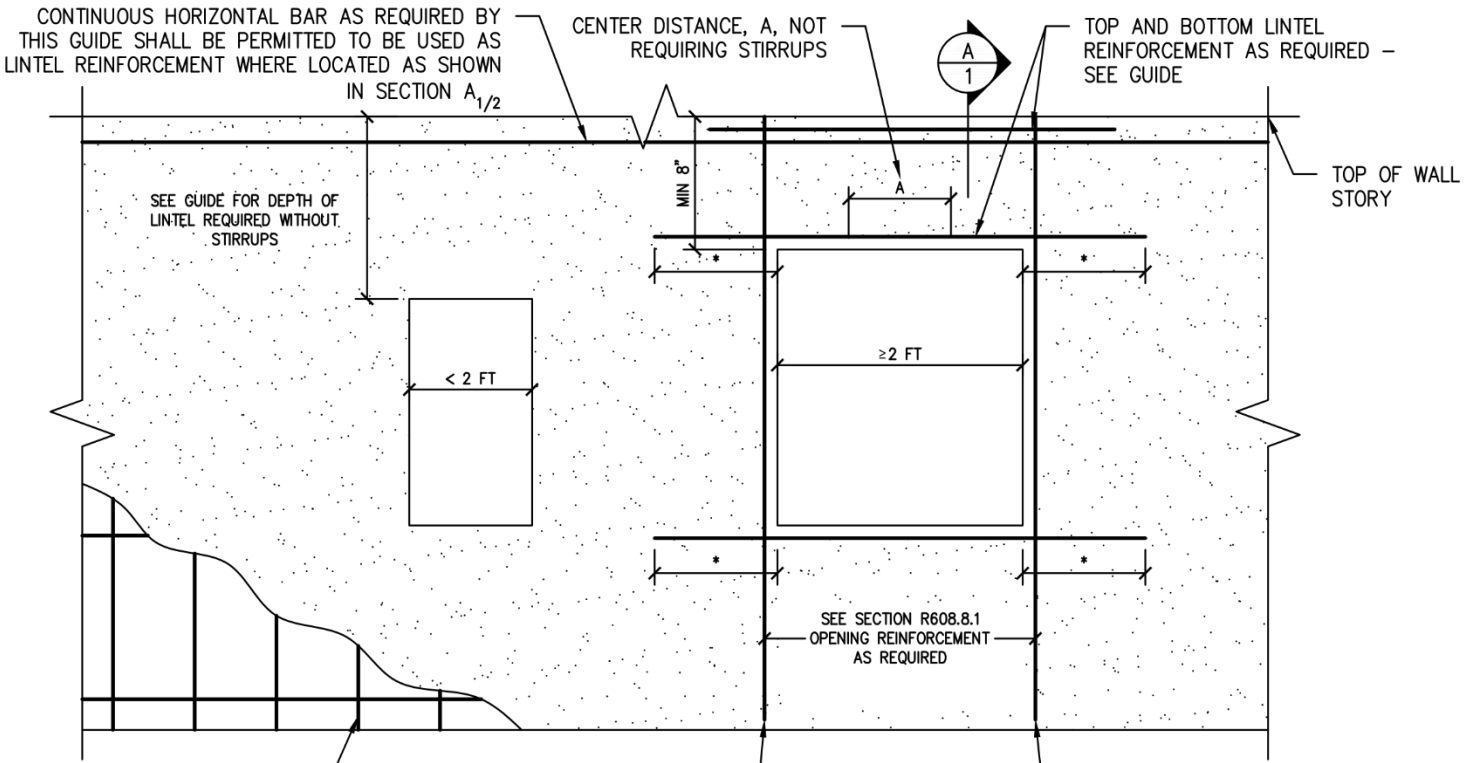
FUTURE EDITION OF SUPERFORM ICF STRUCTURAL GUIDE

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL TABLE 14 — TABLE 19 ON PAGE 37 FOR REFERENCED SUPERScript TABLE NOTES





DRAWING TO BE USED WITH GUIDE TITLED "SUPERFORM ICF STRUCTURAL GUIDELINE - USA": WHERE MATERIALS SPECIFICATIONS, DESIGN PARAMETERS, AND REINFORCEMENT SPACING ARE PROVIDED.



WALL REINFORCEMENT AS REQUIRED BY THIS GUIDE

- LENGTH REQUIRED TO DEVELOP BAR IN TENSION - SEE IRC R608.8.1.1

VERTICAL REINFORCEMENT BESIDE OPENING. SEE IRC R608.8.1.2

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE
NOT FOR USE AS CONSTRUCTION DESIGN DOCUMENTS

A
1 TYP. LINTEL ELEVATION (TYP. ALL WALL THICKNESS')
NOT-TO-SCALE

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Figure 13 DRAWING 6080-SK3-1 SUPERFORM TYP. LINTEL ELEVATION

TOP OF DOCUMENT
LIST OF TABLES



APPENDIX A: ENGINEERED REINFORCEMENT TABLES

A.1 SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS

A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS

FOR USE WHEN BUILDING DESIGN CONDITIONS ARE BEYOND IBC AND IRC LIMITS AND REQUIRE ENGINEERED DESIGN. REINFORCING SCHEDULE FOR ESTIMATING PURPOSES ONLY.

1. Tables A1-A12 use the Superform ICF Structural Guide Design Loading Conditions design cases as described in Figure 12 LINTEL LOADINGS.
2. Tables are to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 6080-SK3-1 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
3. Table design values are based on point loads provided in Table A1 to Table A28. In addition to the point load, the lintels are loading with a distributed load which account for the self weight of the lintel and the weight of the walls on the floors above. Refer to on page 38.
4. Point loads are permitted to be placed at any locations along lintel span.
5. Deflection criteria is $L/240$ where L is the clear span of the lintel in inches, or $\frac{1}{2}$ ”, whichever is less.
6. Interpolation is not permitted.
7. Stirrups shall be fabricated from reinforcing bars having the same yield strength as that used for the main longitudinal reinforcement.
8. Allowable clear span without stirrups applicable to all lintels of the same depth, D . Top and bottom reinforcement for all lintels without stirrups shall be not less than the least amount of reinforcement required for a lintel of the same depth with stirrups. All other spans require stirrups spaced at not more than $d/2$.
9. Centre distance, “ A ”, is the centre portion of the clear span where stirrups are not required. This is applicable to all longitudinal bar sizes.
10. SR indicates that stirrups are required. Indicated stirrups are required in all lintels of this depth, thickness, and loading condition at a minimum spacing of $d/2$ where d is the distance from the top of the ICF block to the centre of the bottom bar.
11. Concrete is to have a minimum concrete specified 28-day compressive strength of 2500 psi.
12. Table values are based on a reinforcing yield strength of 60,000 psi; no substitution is permitted.
13. Tables A1-A12 are for estimating purposes only.
14. Case 6 non load bearing lintels have a distributed load applied accounting for lintel self weight, weight of walls above, and roof overhang.

Engineered Lintel Point Load Tables Begin Next Page

**Table A1: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 1 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	15-9	9-9	7-0	5-3	4-3	3-6	3-0	2-9	2-3	2-0	1-9	1-6	1-3	1-0	1-0
	1-#5	18-0	13-6	9-9	7-6	6-0	5-0	4-3	3-9	3-6	3-0	2-6	2-3	1-9	1-9	1-6
	2-#4	18-0	15-9	11-6	9-0	7-3	6-0	5-3	4-6	4-0	3-9	3-0	2-6	2-3	2-0	1-9
	1-#6	18-0	15-9	11-6	9-0	7-3	6-0	5-3	4-6	4-0	3-9	3-0	2-6	2-3	2-0	1-9
	2-#5	18-0	18-0	14-3	11-0	9-0	7-9	6-6	5-9	5-3	4-6	3-9	3-3	2-9	2-6	2-3
	2-#6	18-0	18-0	18-0	16-3	13-9	11-9	10-3	9-0	8-3	7-6	6-3	5-3	4-9	4-3	3-9
	Center distance A ⁽⁹⁾	16-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	15-9	11-9	9-3	7-9	6-6	5-6	5-0	4-3	4-0	3-3	2-9	2-6	2-3	2-0
	1-#5	18-0	18-0	16-6	13-3	11-0	9-6	8-3	7-3	6-6	5-9	5-0	4-3	3-9	3-3	3-0
	2-#4	18-0	18-0	18-0	16-3	13-6	11-6	10-0	9-0	8-0	7-3	6-0	5-3	4-9	4-3	3-9
	1-#6	18-0	18-0	18-0	16-3	13-6	11-6	10-0	9-0	8-0	7-3	6-0	5-3	4-9	4-3	3-9
	2-#5	18-0	18-0	18-0	18-0	18-0	16-0	14-0	12-6	11-0	10-0	8-6	8-0	7-0	6-3	5-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-3	13-9	12-6	10-6	10-6	10-6	9-3	8-3
	Center distance A ⁽⁹⁾	18-0	12-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	15-6	12-9	10-9	9-0	8-0	7-0	6-3	5-9	4-9	4-0	3-6	3-3	2-9
	1-#5	18-0	18-0	18-0	18-0	15-6	13-3	11-9	10-6	9-3	8-6	7-3	6-3	5-6	4-9	4-3
	2-#4	18-0	18-0	18-0	18-0	18-0	16-6	14-6	13-0	11-9	10-6	9-0	7-9	6-9	6-0	5-6
	1-#6	18-0	18-0	18-0	18-0	18-0	16-6	14-6	13-0	11-9	10-6	9-0	7-9	6-9	6-0	5-6
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	15-0	12-9	11-3	9-9	8-9	8-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	14-6	12-9	11-6	10-3
	Center distance A ⁽⁹⁾	18-0	18-0	9-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	18-0	15-6	13-3	11-6	10-3	9-0	8-0	7-3	6-3	5-3	4-9	4-3	3-9
	1-#5	18-0	18-0	18-0	18-0	18-0	16-9	14-9	13-3	12-0	11-0	9-3	8-0	7-0	6-3	5-9
	2-#4	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	15-0	13-9	11-9	10-3	9-0	8-0	7-3
	1-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	15-0	13-9	11-9	10-3	9-0	8-0	7-3
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	14-9	13-0	11-9	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-6	14-0
	Center distance A ⁽⁸⁾	18-0	18-0	18-0	8-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	18-0	18-0	15-6	13-9	12-0	10-9	9-9	9-0	7-6	6-6	5-9	5-3	4-9
	1-#5	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-0	14-6	13-3	11-3	10-0	8-9	7-9	7-0
	2-#4	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	14-3	12-6	11-0	10-0	9-0
	1-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	14-3	12-6	11-0	10-0	9-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-0	14-6	13-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	7-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

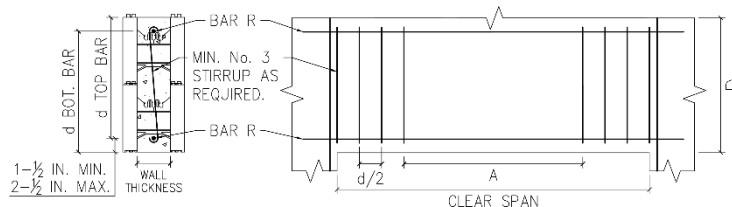
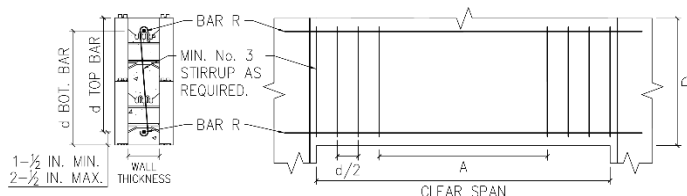


Table A2: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 1 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	14-9	9-9	7-0	5-6	4-6	3-9	3-3	2-9	2-6	2-3	1-9	1-6	1-3	1-3	1-0
	1-#5	18-0	13-6	10-0	8-0	6-6	5-6	4-9	4-0	3-9	3-3	2-9	2-3	2-0	1-9	1-6
	2-#4 1-#6	18-0	16-0	12-3	9-6	8-0	6-9	5-9	5-0	4-6	4-0	3-6	3-0	2-6	2-3	2-0
	2-#5	18-0	18-0	16-0	13-0	10-9	9-0	8-0	7-0	6-3	5-6	4-9	4-0	3-6	3-0	2-9
	2-#6	18-0	18-0	18-0	16-3	12-9	11-9	10-3	9-0	8-3	7-6	6-3	5-3	4-9	4-3	3-9
	Center distance A ⁽⁹⁾	18-0	3-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	14-9	11-6	9-3	7-9	6-6	5-9	5-0	4-6	4-0	3-3	2-9	2-6	2-3	2-0
	1-#5	18-0	18-0	16-0	13-3	11-0	9-6	8-3	7-6	6-9	6-0	5-0	4-3	3-9	3-3	3-0
	2-#4 1-#6	18-0	18-0	18-0	16-0	13-9	11-9	10-6	9-3	8-3	7-6	6-3	5-6	4-9	4-3	3-9
	2-#5	18-0	18-0	18-0	18-0	18-0	16-6	14-9	13-3	12-0	10-9	9-3	8-0	7-0	6-3	5-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-3	14-0	12-0	10-3	9-3	8-3	7-3
	Center distance A ⁽⁹⁾	18-0	18-0	12-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	17-9	14-6	12-3	10-3	9-0	8-0	7-0	6-3	5-9	4-9	4-3	3-6	3-3	3-0
	1-#5	18-0	18-0	18-0	17-3	15-0	13-0	11-6	10-6	9-6	8-6	7-3	6-3	5-6	5-0	4-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	16-0	14-3	13-0	11-9	10-9	9-0	8-0	7-0	6-3	5-9
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-6	13-3	11-6	10-3	9-3	8-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	15-3	13-9	12-3	11-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	16-0	3-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	17-0	14-6	12-9	11-0	9-9	8-9	8-0	7-3	6-3	5-3	4-9	4-3	3-9
	1-#5	18-0	18-0	18-0	18-0	18-0	16-0	14-3	13-0	11-9	10-9	9-3	8-0	7-3	6-6	5-9
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-0	14-9	13-6	11-9	10-3	9-0	8-0	7-3
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-0	13-3	12-0	11-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-0	14-9
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	8-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	18-0	16-6	14-6	13-0	11-9	10-6	9-6	8-9	7-6	6-6	5-9	5-3	4-9
	1-#5	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-3	14-0	13-0	11-3	9-9	8-9	7-9	7-0
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-0	14-0	12-3	11-0	10-0	9-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-0	14-6	13-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	11-9	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

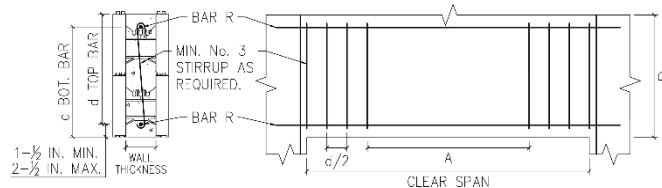
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A3: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 1 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	13-6	9-3	6-9	5-3	4-3	3-6	3-0	2-9	2-6	2-3	1-9	1-6	1-3	1-3	1-0
	1-#5	18-0	13-0	9-9	7-9	6-3	5-6	4-9	4-0	3-9	3-3	2-9	2-3	2-0	1-9	1-6
	2-#4 1-#6	18-0	15-6	12-0	9-6	8-0	6-9	5-9	5-0	4-6	4-0	3-6	3-0	2-6	2-3	2-0
	2-#5	18-0	18-0	16-0	13-0	11-0	9-6	8-3	7-3	6-6	5-9	5-0	4-3	3-9	3-3	3-0
	2-#6	18-0	18-0	18-0	16-3	13-9	11-9	10-3	9-0	8-3	7-6	6-3	5-3	4-9	4-3	3-9
	Center distance A ⁽⁹⁾	18-0	15-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	17-6	13-6	10-9	8-9	7-3	6-3	5-6	4-9	4-3	4-0	3-3	2-9	2-6	2-3	2-0
	1-#5	18-0	18-0	15-0	12-6	10-9	9-3	8-0	7-3	6-6	5-9	5-0	4-3	3-9	3-3	3-0
	2-#4 1-#6	18-0	18-0	18-0	15-3	13-0	11-6	10-0	9-0	8-0	7-6	6-3	5-3	4-9	4-3	3-9
	2-#5	18-0	18-0	18-0	18-0	18-0	16-3	14-6	13-0	11-9	10-9	9-0	8-0	7-0	6-3	5-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-6	14-0	12-0	10-6	9-3	8-3	7-6
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	10-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	16-3	13-6	11-6	9-9	8-6	7-6	6-9	6-0	5-6	4-6	4-0	3-6	3-0	2-9
	1-#5	18-0	18-0	18-0	16-0	14-0	12-3	11-0	10-0	9-0	8-3	7-0	6-0	5-3	4-9	4-3
	2-#4 1-#6	18-0	18-0	18-0	18-0	17-0	15-3	13-9	12-3	11-3	10-3	8-9	7-9	6-9	6-0	5-6
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-3	15-0	13-0	11-3	10-0	9-0	8-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-3	13-6	12-3	11-0
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	17-6	7-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	15-6	13-6	11-9	10-6	9-3	8-6	7-9	7-0	6-0	5-3	4-6	4-0	3-9
	1-#5	18-0	18-0	18-0	18-0	16-6	15-0	13-6	12-3	11-3	10-3	9-0	7-9	7-0	6-3	5-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	16-6	15-3	14-0	13-0	11-3	9-9	8-9	7-9	7-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-3	14-3	13-0	11-9	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-9	14-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	14-0	6-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	17-0	15-0	13-6	12-0	11-0	10-0	9-0	8-3	7-3	6-3	5-6	5-0	4-6
	1-#5	18-0	18-0	18-0	18-0	18-0	17-0	15-6	14-3	13-3	12-3	10-9	9-3	8-3	7-6	6-9
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-3	15-3	13-3	11-9	10-6	9-6	8-9
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-6	14-0	12-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	11-6	5-0	0-0	0-0	0-0	0-0

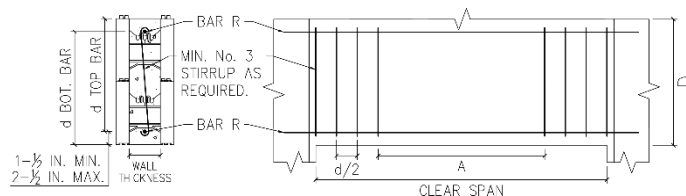
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A4: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 1 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	12-9	9-0	6-9	5-3	4-3	3-9	3-3	2-9	2-6	2-3	1-9	1-6	1-3	1-3	1-0
	1-#5	17-0	12-6	9-9	7-9	6-6	5-6	4-9	4-3	3-9	3-3	2-9	2-3	2-0	1-9	1-9
	2-#4 1-#6	18-0	15-0	11-9	9-6	8-0	6-9	6-0	5-3	4-9	4-3	3-6	3-0	2-9	2-3	2-0
	2-#5	18-0	18-0	16-0	13-3	11-3	9-9	8-6	7-6	6-9	6-0	5-0	4-6	3-9	3-6	3-0
	2-#6	18-0	18-0	18-0	16-6	14-3	12-3	10-9	9-9	8-9	8-0	6-9	5-9	5-0	4-6	4-0
	Center distance A ⁽⁹⁾	18-0	18-0	7-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	16-3	12-9	10-3	8-6	7-3	6-3	5-6	4-9	4-3	4-0	3-3	2-9	2-6	2-3	2-0
	1-#5	18-0	17-3	14-6	12-3	10-6	9-0	8-0	7-3	6-6	5-9	5-0	4-3	3-9	3-3	3-0
	2-#4 1-#6	18-0	18-0	17-3	14-9	12-9	11-3	10-0	9-0	8-0	7-6	6-3	5-6	4-9	4-3	3-9
	2-#5	18-0	18-0	18-0	18-0	18-0	16-0	14-3	13-0	11-9	10-9	9-3	8-0	7-0	6-3	5-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-6	14-3	12-3	10-9	9-6	8-6	7-9
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	10-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	15-0	12-9	11-0	9-6	8-3	7-6	6-6	6-0	5-6	4-6	4-0	3-6	3-0	2-9
	1-#5	18-0	18-0	17-6	15-3	13-6	12-0	10-9	9-9	9-0	8-3	7-0	6-0	5-3	4-9	4-3
	2-#4 1-#6	18-0	18-0	18-0	18-0	16-6	14-9	13-3	12-0	11-0	10-3	8-9	7-9	6-9	6-0	5-6
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-0	14-9	12-9	11-3	10-0	9-0	8-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-3	13-6	12-3	11-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	11-6	3-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR
	1-#4	18-0	16-9	14-6	12-9	11-3	10-0	9-0	8-3	7-6	6-9	5-9	5-0	4-6	4-0	3-9
	1-#5	18-0	18-0	18-0	17-6	15-9	14-3	13-0	12-0	11-0	10-3	8-9	7-9	6-9	6-3	5-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	17-3	16-0	14-9	13-6	12-6	11-0	9-9	8-9	7-9	7-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-0	14-3	12-9	11-6	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-9	14-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	12-3	6-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR
	1-#4	18-0	17-9	15-9	14-3	12-9	11-6	10-6	9-6	8-9	8-3	7-0	6-3	5-6	5-0	4-6
	1-#5	18-0	18-0	18-0	18-0	17-6	16-3	14-9	13-9	12-9	12-0	10-6	9-3	8-3	7-6	6-9
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-9	14-9	13-0	11-6	10-3	9-6	8-6
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-3	13-9	12-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	7-6	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A5: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 2 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)															
		4 Inches															
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾															
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	6-0	5-3	4-6	3-9	3-3	3-0	2-9	2-3	2-3	2-0	1-9	1-6	1-3	1-0	1-0	
	1-#5	7-6	6-6	5-9	5-0	4-6	4-0	3-6	3-3	3-0	2-9	2-3	2-0	1-9	1-6	1-6	
	2-#4	8-3	7-3	6-6	5-9	5-3	4-9	4-3	3-9	3-6	3-3	2-9	2-6	2-3	2-0	1-9	
	1-#6																
	2-#5	9-6	8-6	7-6	6-9	6-3	5-6	5-0	4-9	4-3	4-0	3-6	3-0	2-9	2-6	2-3	
	2-#6	9-3	8-6	8-0	7-6	7-0	6-9	6-3	6-0	5-9	5-3	4-9	4-3	4-0	3-6	3-3	
	Center distance A ⁽⁹⁾	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-6	3-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	8-6	7-6	6-9	6-0	5-6	5-0	4-6	4-0	3-9	3-6	3-0	2-6	2-3	2-0	1-9	
	1-#5	10-9	9-9	8-9	8-0	7-3	6-9	6-3	5-9	5-3	5-0	4-3	3-6	3-3	3-0	2-9	
	2-#4	12-0	11-0	10-0	9-3	8-6	8-0	7-3	6-9	6-3	6-0	5-3	4-3	4-0	3-9	3-3	
	1-#6																
	2-#5	14-6	13-6	12-6	11-6	10-9	10-0	9-6	8-9	8-3	7-9	7-0	6-0	5-6	5-3	4-9	
	2-#6	16-3	15-3	14-3	13-3	12-6	11-9	11-0	10-6	9-9	9-3	8-3	7-6	7-0	6-6	6-3	
	Center distance A ⁽⁹⁾	3-3	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-9	5-6	4-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	10-6	9-6	8-6	7-9	7-3	6-6	6-0	5-6	5-3	4-9	4-3	3-9	3-3	3-0	2-9	
	1-#5	13-0	12-0	11-3	10-3	9-6	9-0	8-3	7-9	7-3	6-9	6-0	5-3	4-9	4-6	4-0	
	2-#4	14-9	13-9	12-9	12-0	11-3	10-6	9-9	9-3	8-9	8-3	7-3	6-6	6-0	5-6	5-0	
	1-#6																
	2-#5	18-0	17-0	16-0	15-3	14-3	13-6	12-9	12-0	11-6	11-0	10-0	9-0	8-3	7-6	7-0	
	2-#6	18-0	18-0	18-0	17-9	17-0	16-3	15-3	14-9	14-0	13-3	12-3	11-3	10-3	9-6	8-9	
	Center distance A ⁽⁹⁾	5-6	3-3	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	8-9	7-9	6-6	5-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	12-0	11-0	10-3	9-3	8-9	8-0	7-6	7-0	6-6	6-0	5-3	4-9	4-3	3-9	3-6	
	1-#5	15-0	14-0	13-0	12-3	11-6	10-9	10-0	9-6	9-0	8-6	7-6	6-9	6-3	5-9	5-3	
	2-#4	17-0	16-0	15-0	14-3	13-6	12-9	12-0	11-3	10-9	10-3	9-3	8-3	7-6	7-0	6-6	
	1-#6																
	2-#5	18-0	18-0	18-0	18-0	17-3	16-3	15-6	14-9	14-3	13-6	12-6	11-6	10-6	9-9	9-0	
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-9	15-6	14-3	13-3	12-6	11-6	
	Center distance A ⁽⁸⁾	7-9	5-6	3-3	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	10-9	9-9	8-6	7-6	6-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	13-3	12-3	11-6	10-9	10-0	9-3	8-9	8-0	7-6	7-3	6-3	5-9	5-3	4-9	4-3	
	1-#5	16-9	15-9	14-9	14-0	13-0	12-6	11-9	11-0	10-6	10-0	9-0	8-3	7-6	6-9	6-3	
	2-#4	18-0	18-0	17-0	16-0	15-3	14-6	13-9	13-3	12-6	12-0	10-9	10-0	9-3	8-6	7-9	
	1-#6																
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-6	16-0	14-9	13-6	12-9	11-9	11-0	
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	16-0	15-0	14-0	
	Center distance A ⁽⁹⁾	9-9	7-6	5-6	3-3	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

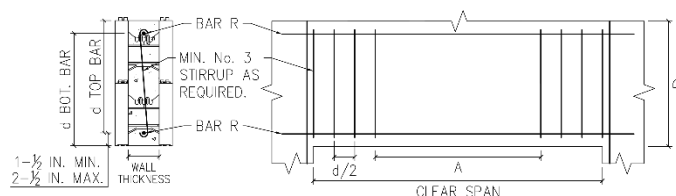
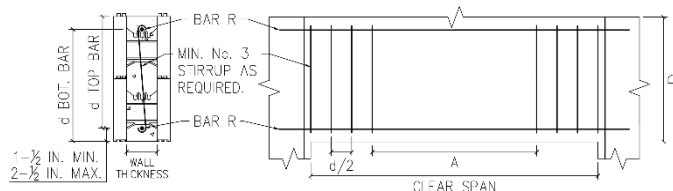


Table A6: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 2 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)															
		6 Inches															
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾															
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	5-3	4-6	4-0	3-6	3-3	2-9	2-6	2-3	2-3	2-0	1-9	1-6	1-3	1-3	1-0	
	1-#5	6-6	6-0	5-3	4-9	4-3	4-0	3-6	3-3	3-0	2-9	2-6	2-0	2-0	1-9	1-6	
	2-#4	7-6	6-9	6-0	5-6	5-0	4-9	4-3	4-0	3-9	3-6	3-0	2-6	2-3	2-0	2-0	
	1-#6																
	2-#5	8-9	8-0	7-6	7-0	6-3	6-0	5-6	5-0	4-9	4-6	4-0	3-6	3-3	2-9	2-6	
	2-#6	9-3	8-6	8-0	7-6	7-3	6-9	6-3	6-0	5-9	5-3	4-9	4-3	4-0	3-6	3-3	
Center distance A ⁽⁹⁾	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-9	4-0	3-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	7-3	6-6	6-0	5-6	5-0	4-6	4-3	3-9	3-6	3-3	3-0	2-6	2-3	2-0	1-9	
	1-#5	9-0	8-6	7-9	7-3	6-9	6-3	5-9	5-6	5-0	4-9	4-3	3-9	3-3	3-0	2-9	
	2-#4	10-3	9-6	9-0	8-3	7-9	7-3	6-9	6-6	6-0	5-9	5-0	4-6	4-3	3-9	3-6	
	1-#6																
	2-#5	12-6	12-0	11-3	10-6	10-0	9-6	9-0	8-6	8-0	7-9	7-0	6-3	5-9	5-3	5-0	
	2-#6	14-6	13-9	13-3	12-6	12-0	11-3	10-9	10-3	9-9	9-6	8-6	7-9	7-3	6-9	6-3	
Center distance A ⁽⁹⁾	4-0	2-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	7-0	6-3	5-6	4-9	4-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	8-9	8-0	7-6	7-0	6-6	6-0	5-6	5-3	4-9	4-6	4-0	3-6	3-3	3-0	2-9	
	1-#5	11-0	10-3	9-9	9-0	8-6	8-0	7-6	7-0	6-9	6-3	5-9	5-3	4-9	4-3	4-0	
	2-#4	12-6	11-9	11-3	10-6	10-0	9-6	9-0	8-6	8-0	7-9	7-0	6-3	5-9	5-3	5-0	
	1-#6																
	2-#5	15-6	14-9	14-0	13-6	12-9	12-3	11-9	11-3	10-9	10-3	9-6	8-9	8-0	7-6	7-0	
	2-#6	18-0	17-3	16-6	16-0	15-3	14-9	14-3	13-9	13-0	12-9	11-9	11-0	10-3	9-6	9-0	
Center distance A ⁽⁹⁾	6-3	4-9	3-3	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	9-3	8-6	7-9	7-0	6-3	5-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	
	1-#4	10-0	9-3	8-9	8-3	7-9	7-3	6-9	6-3	6-0	5-6	5-0	4-6	4-0	3-9	3-6	
	1-#5	12-6	11-9	11-3	10-6	10-0	9-6	9-0	8-6	8-3	7-9	7-0	6-6	6-0	5-6	5-0	
	2-#4	14-3	13-6	13-0	12-3	11-9	11-3	10-9	10-3	9-9	9-3	8-6	7-9	7-3	6-9	6-3	
	1-#6																
	2-#5	17-9	17-0	16-3	15-9	15-0	14-6	14-0	13-6	13-0	12-6	11-6	10-9	10-0	9-6	8-9	
	2-#6	18-0	18-0	18-0	18-0	18-0	17-6	17-0	16-6	15-9	15-3	14-6	13-6	12-9	12-0	11-3	
Center distance A ⁽⁹⁾	8-6	7-0	5-6	4-0	2-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	11-0	10-6	9-9	9-0	8-3	7-6	6-9	6-0	SR	SR	SR	SR	SR	SR	SR	
	1-#4	11-0	10-6	9-9	9-3	8-9	8-3	7-9	7-3	7-0	6-6	6-0	5-6	5-0	4-6	4-3	
	1-#5	13-9	13-3	12-6	12-0	11-6	10-9	10-3	10-0	9-6	9-0	8-3	7-9	7-0	6-6	6-0	
	2-#4	15-9	15-0	14-6	13-9	13-3	12-9	12-3	11-9	11-3	10-9	10-0	9-3	8-6	8-0	7-6	
	1-#6																
	2-#5	18-0	18-0	18-0	17-6	17-0	16-6	15-9	15-3	14-9	14-3	13-6	12-6	11-9	11-0	10-6	
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-9	15-9	15-0	14-3	13-6	
Center distance A ⁽⁹⁾	10-6	9-0	7-6	6-0	4-9	3-3	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	

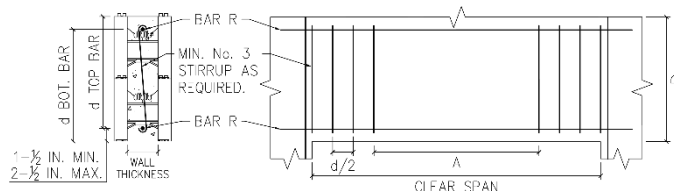
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A7: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 2 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-9	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-9	4-3	3-9	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-6	1-6	1-3	1-0	1-0
	1-#5	5-9	5-3	4-9	4-6	4-0	3-9	3-6	3-3	3-0	2-9	2-3	2-0	1-9	1-9	1-6
	2-#4 1-#6	6-9	6-0	5-6	5-3	4-9	4-6	4-0	3-9	3-6	3-3	3-0	2-6	2-3	2-0	2-0
	2-#5	8-0	7-6	7-0	6-6	6-0	5-9	5-3	5-0	4-9	4-6	4-0	3-6	3-3	3-0	2-9
	2-#6	9-3	8-6	8-0	7-6	7-0	6-9	6-3	6-0	5-9	5-3	4-9	4-3	4-0	3-6	3-3
	Center distance A ⁽⁹⁾	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-0	4-6	3-9	3-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-3	5-9	5-3	5-0	4-6	4-3	4-0	3-6	3-3	3-3	2-9	2-6	2-3	2-0	1-9
	1-#5	8-0	7-6	7-0	6-6	6-0	5-9	5-3	5-0	4-9	4-6	4-0	3-6	3-3	3-0	2-9
	2-#4 1-#6	9-0	8-6	8-0	7-6	7-0	6-9	6-3	6-0	5-9	5-3	4-9	4-3	4-0	3-9	3-3
	2-#5	11-3	10-9	10-0	9-6	9-3	8-9	8-3	8-0	7-6	7-3	6-6	6-0	5-6	5-3	4-9
	2-#6	13-0	12-6	12-0	11-6	11-0	10-6	10-0	9-9	9-3	9-0	8-3	7-6	7-0	6-6	6-3
	Center distance A ⁽⁹⁾	4-6	3-3	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	7-3	6-9	6-0	5-6	5-0	4-3	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-9	7-3	6-9	6-3	5-9	5-6	5-0	4-9	4-6	4-3	3-9	3-3	3-0	2-9	2-6
	1-#5	9-6	9-0	8-6	8-0	7-9	7-3	6-9	6-6	6-3	5-9	5-3	4-9	4-6	4-0	3-9
	2-#4 1-#6	11-0	10-6	10-0	9-6	9-0	8-6	8-0	7-9	7-3	7-0	6-6	6-0	5-6	5-0	4-9
	2-#5	13-6	13-0	12-6	12-0	11-6	11-0	10-6	10-3	9-9	9-6	8-9	8-0	7-6	7-0	6-6
	2-#6	16-0	15-6	15-0	14-6	14-0	13-6	13-0	12-6	12-0	11-9	11-0	10-3	9-9	9-0	8-6
	Center distance A ⁽⁹⁾	6-9	5-6	4-3	3-0	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	9-3	8-9	8-3	7-6	7-0	6-6	6-0	5-3	SR	SR	SR	SR	SR	SR	SR
	1-#4	8-9	8-3	7-9	7-3	6-9	6-6	6-0	5-9	5-6	5-3	4-9	4-3	3-9	3-6	3-3
	1-#5	11-0	10-6	10-0	9-6	9-0	8-6	8-3	7-9	7-6	7-0	6-6	6-0	5-6	5-0	4-9
	2-#4 1-#6	12-6	12-0	11-6	11-0	10-6	10-0	9-6	9-3	8-9	8-6	7-9	7-3	6-9	6-3	5-9
	2-#5	15-6	15-0	14-6	14-0	13-6	13-0	12-6	12-0	11-9	11-3	10-6	10-0	9-3	8-9	8-3
	2-#6	18-0	17-9	17-3	16-9	16-3	15-9	15-3	14-9	14-6	14-0	13-3	12-6	11-9	11-3	10-9
	Center distance A ⁽⁹⁾	8-9	7-6	6-6	5-3	4-3	3-0	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	11-3	10-9	10-3	9-6	9-0	8-6	8-0	7-6	6-9	6-3	SR	SR	SR	SR	SR
	1-#4	9-6	9-0	8-9	8-3	7-9	7-3	7-0	6-9	6-3	6-0	5-6	5-0	4-6	4-3	4-0
	1-#5	12-0	11-6	11-0	10-6	10-3	9-9	9-3	9-0	8-6	8-3	7-6	7-0	6-6	6-0	5-9
	2-#4 1-#6	13-9	13-3	12-9	12-3	11-9	11-3	11-0	10-6	10-3	9-9	9-0	8-6	8-0	7-6	7-0
	2-#5	17-0	16-6	16-0	15-6	15-0	14-9	14-3	13-9	13-3	13-0	12-3	11-6	11-0	10-3	9-9
	2-#6	18-0	18-0	18-0	18-0	18-0	17-9	17-3	16-9	16-6	16-0	15-3	14-6	13-9	13-0	12-6
	Center distance A ⁽⁹⁾	10-9	9-6	8-6	7-6	6-3	5-3	4-0	3-0	1-9	0-0	0-0	0-0	0-0	0-0	0-0

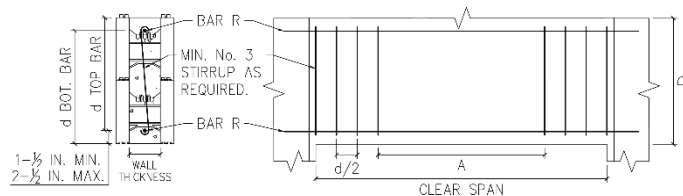
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A8: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 2 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽⁹⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-9	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-3	3-9	3-6	3-0	2-9	2-6	2-3	2-3	2-0	1-9	1-6	1-6	1-3	1-0	1-0
	1-#5	5-3	5-0	4-6	4-3	3-9	3-6	3-3	3-0	2-9	2-9	2-3	2-0	1-9	1-9	1-6
	2-#4 1-#6	6-0	5-6	5-3	4-9	4-6	4-3	4-0	3-9	3-6	3-3	2-9	2-6	2-3	2-0	2-0
	2-#5	7-6	7-0	6-6	6-3	5-9	5-6	5-3	4-9	4-6	4-3	4-0	3-6	3-3	3-0	2-9
	2-#6	8-6	8-0	7-9	7-3	7-0	6-6	6-3	6-0	5-6	5-3	4-9	4-6	4-0	3-9	3-6
	Center distance A ⁽⁹⁾	2-3	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-3	4-9	4-3	3-9	3-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-9	5-3	5-0	4-6	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-6	2-3	2-0	1-9
	1-#5	7-3	6-9	6-6	6-0	5-9	5-3	5-0	4-9	4-6	4-3	3-9	3-6	3-3	3-0	2-9
	2-#4 1-#6	8-3	7-9	7-6	7-0	6-6	6-3	6-0	5-9	5-3	5-0	4-9	4-3	4-0	3-6	3-3
	2-#5	10-3	9-9	9-3	9-0	8-6	8-3	7-9	7-6	7-3	6-9	6-3	5-9	5-6	5-0	4-9
	2-#6	12-0	11-6	11-0	10-9	10-3	10-0	9-6	9-3	8-9	8-6	8-0	7-6	7-0	6-6	6-0
	Center distance A ⁽⁹⁾	4-9	3-9	2-9	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	7-3	7-0	6-6	6-0	5-6	5-0	4-6	4-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-0	6-6	6-0	5-9	5-3	5-0	4-9	4-6	4-3	4-0	3-6	3-3	3-0	2-9	2-6
	1-#5	8-9	8-3	7-9	7-6	7-0	6-9	6-6	6-0	5-9	5-6	5-0	4-9	4-3	4-0	3-9
	2-#4 1-#6	10-0	9-6	9-0	8-9	8-3	8-0	7-6	7-3	7-0	6-9	6-3	5-9	5-3	5-0	4-6
	2-#5	12-3	11-9	11-6	11-0	10-6	10-3	10-0	9-6	9-3	9-0	8-3	7-9	7-3	6-9	6-6
	2-#6	14-6	14-0	13-9	13-3	12-9	12-6	12-0	11-9	11-3	11-0	10-3	9-9	9-3	8-9	8-3
	Center distance A ⁽⁹⁾	7-0	6-0	5-0	4-0	3-0	2-3	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	9-6	9-0	8-6	8-0	7-6	7-3	6-9	6-3	5-9	5-3	SR	SR	SR	SR	SR
	1-#4	7-9	7-6	7-0	6-9	6-3	6-0	5-9	5-6	5-3	5-0	4-6	4-0	3-9	3-6	3-3
	1-#5	9-9	9-6	9-0	8-9	8-3	8-0	7-6	7-3	7-0	6-9	6-3	5-9	5-3	5-0	4-6
	2-#4 1-#6	11-3	10-9	10-6	10-0	9-6	9-3	9-0	8-6	8-3	8-0	7-6	7-0	6-6	6-0	5-9
	2-#5	14-0	13-6	13-3	12-9	12-3	12-0	11-6	11-3	11-0	10-6	10-0	9-6	8-9	8-6	8-0
	2-#6	16-6	16-3	15-9	15-3	15-0	14-6	14-3	13-9	13-6	13-0	12-6	11-9	11-3	10-9	10-3
	Center distance A ⁽⁹⁾	9-0	8-0	7-3	6-3	5-3	4-6	3-6	2-6	1-9	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	11-6	11-0	10-6	10-0	9-6	9-3	8-9	8-3	7-9	7-6	6-6	SR	SR	SR	SR
	1-#4	8-9	8-3	7-9	7-6	7-3	6-9	6-6	6-3	6-0	5-9	5-3	4-9	4-6	4-0	3-9
	1-#5	10-9	10-6	10-0	9-9	9-3	9-0	8-6	8-3	8-0	7-9	7-3	6-9	6-3	5-9	5-6
	2-#4 1-#6	12-6	12-0	11-6	11-3	10-9	10-6	10-0	9-9	9-6	9-0	8-6	8-0	7-6	7-0	6-9
	2-#5	15-6	15-0	14-6	14-3	13-9	13-6	13-0	12-9	12-3	12-0	11-6	10-9	10-3	9-9	9-3
	2-#6	18-0	18-0	17-6	17-0	16-9	16-3	16-0	15-6	15-3	14-9	14-3	13-6	13-0	12-6	11-9
	Center distance A ⁽⁹⁾	11-0	10-0	9-3	8-3	7-6	6-6	5-6	4-9	3-9	3-0	1-3	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A9: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 3 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-6	4-0	3-6	3-3	3-0	2-6	2-3	2-3	2-0	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	5-6	5-0	4-6	4-3	3-9	3-6	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-6	1-6
	2-#4 1-#6	6-3	5-9	5-3	4-9	4-3	4-0	3-9	3-6	3-3	3-0	2-6	2-3	2-0	1-9	1-9
	2-#5	7-0	6-6	6-0	5-6	5-0	4-9	4-6	4-0	3-9	3-6	3-3	2-9	2-6	2-3	2-0
	2-#6	6-9	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-9	4-6	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-6	5-9	5-3	5-0	4-6	4-3	4-0	3-6	3-3	3-3	2-9	2-6	2-3	2-0	1-9
	1-#5	8-0	7-3	6-9	6-6	6-0	5-6	5-3	5-0	4-6	4-3	3-9	3-3	3-0	2-9	2-6
	2-#4 1-#6	9-0	8-3	7-9	7-3	7-0	6-6	6-3	5-9	5-6	5-3	4-9	3-9	3-6	3-3	3-0
	2-#5	10-9	10-0	9-6	9-0	8-6	8-3	7-9	7-6	7-0	6-9	6-0	5-3	4-9	4-6	4-3
	2-#6	12-0	11-6	10-9	10-3	9-9	9-6	9-0	8-6	8-3	7-9	7-3	6-6	6-0	5-9	5-3
	Center distance A ⁽⁹⁾	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-6	3-0	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-9	7-3	6-9	6-3	5-9	5-6	5-3	4-9	4-6	4-3	3-9	3-6	3-0	2-9	2-6
	1-#5	9-9	9-3	8-9	8-3	7-9	7-3	7-0	6-6	6-3	6-0	5-3	4-9	4-6	4-0	3-9
	2-#4 1-#6	11-0	10-6	10-0	9-6	9-0	8-6	8-0	7-9	7-3	7-0	6-6	5-9	5-6	5-0	4-6
	2-#5	13-3	12-9	12-3	11-9	11-3	10-9	10-3	10-0	9-6	9-3	8-6	7-9	7-3	6-9	6-3
	2-#6	15-3	14-9	14-3	13-9	13-3	12-9	12-3	11-9	11-6	11-0	10-3	9-6	9-0	8-6	8-0
	Center distance A ⁽⁹⁾	3-0	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-9	4-0	3-6	3-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-0	8-6	8-0	7-6	7-0	6-6	6-3	6-0	5-6	5-3	4-9	4-3	4-0	3-6	3-3
	1-#5	11-3	10-6	10-0	9-6	9-3	8-9	8-3	8-0	7-6	7-3	6-6	6-0	5-6	5-3	4-9
	2-#4 1-#6	12-9	12-0	11-6	11-0	10-6	10-3	9-9	9-3	9-0	8-6	8-0	7-3	6-9	6-3	6-0
	2-#5	15-6	15-0	14-6	14-0	13-6	13-0	12-6	12-0	11-6	11-3	10-6	9-9	9-3	8-9	8-0
	2-#6	18-0	17-6	17-0	16-6	16-0	15-6	15-0	14-6	14-0	13-6	12-9	12-0	11-6	10-9	10-3
	Center distance A ⁽⁸⁾	4-0	3-0	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-9	5-3	4-9	4-0	3-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	10-0	9-6	9-0	8-6	8-0	7-6	7-3	6-9	6-6	6-3	5-9	5-3	4-9	4-3	4-0
	1-#5	12-6	12-0	11-6	11-0	10-6	10-0	9-6	9-3	8-9	8-6	7-9	7-3	6-9	6-3	5-9
	2-#4 1-#6	14-0	13-6	13-0	12-6	12-0	11-6	11-3	10-9	10-3	10-0	9-3	8-6	8-0	7-6	7-0
	2-#5	17-6	16-9	16-3	15-9	15-3	14-9	14-3	14-0	13-6	13-0	12-3	11-6	11-0	10-3	9-9
	2-#6	18-0	18-0	18-0	18-0	18-0	17-9	17-3	16-9	16-3	15-9	15-0	14-3	13-6	13-0	12-3
	Center distance A ⁽⁹⁾	5-3	4-0	3-0	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

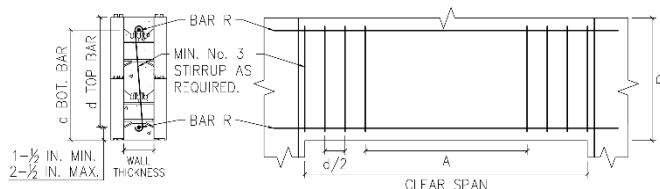
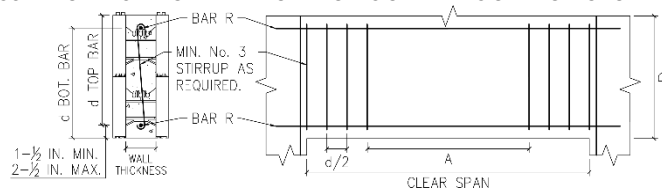


Table A10: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 3 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽⁹⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-0	3-6	3-3	3-0	2-9	2-6	2-3	2-0	2-0	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	4-9	4-6	4-3	3-9	3-6	3-3	3-0	2-9	2-9	2-6	2-3	2-0	1-9	1-6	1-6
	2-#4 1-#6	5-6	5-0	4-9	4-6	4-0	3-9	3-6	3-3	3-3	3-0	2-9	2-6	2-3	2-0	1-9
	2-#5	6-6	6-0	5-9	5-6	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3	2-9	2-9	2-6
	2-#6	6-9	6-3	6-0	5-9	5-9	5-3	5-0	4-9	4-9	4-6	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-6	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-3	5-0	4-9	4-3	4-0	3-9	3-6	3-3	3-3	3-0	2-6	2-3	2-3	2-0	1-9
	1-#5	6-9	6-3	6-0	5-9	5-3	5-0	4-9	4-6	4-3	4-0	3-9	3-3	3-0	2-9	2-6
	2-#4 1-#6	7-6	7-3	6-9	6-6	6-3	5-9	5-6	5-3	5-0	4-9	4-6	4-0	3-9	3-6	3-3
	2-#5	9-3	8-9	8-6	8-3	7-9	7-6	7-3	7-0	6-9	6-3	6-0	5-6	5-0	4-9	4-6
	2-#6	10-9	10-3	10-0	9-6	9-3	8-9	8-6	8-3	8-0	7-9	7-3	6-9	6-3	6-0	5-6
	Center distance A ⁽⁹⁾	2-0	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-9	3-3	3-0	2-6	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-6	6-0	5-9	5-6	5-3	4-9	4-6	4-3	4-3	4-0	3-6	3-3	3-0	2-9	2-6
	1-#5	8-0	7-9	7-6	7-0	6-9	6-6	6-3	5-9	5-6	5-3	5-0	4-6	4-3	4-0	3-9
	2-#4 1-#6	9-3	8-9	8-6	8-0	7-9	7-6	7-3	7-0	6-9	6-3	6-0	5-6	5-0	4-9	4-6
	2-#5	11-3	11-0	10-6	10-3	10-0	9-6	9-3	9-0	8-9	8-3	7-9	7-3	7-0	6-6	6-3
	2-#6	13-3	12-9	12-6	12-0	11-9	11-6	11-0	10-9	10-6	10-3	9-6	9-0	8-6	8-3	7-9
	Center distance A ⁽⁹⁾	3-3	2-6	1-9	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-9	4-6	4-0	3-9	3-3	3-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-6	7-0	6-9	6-6	6-0	5-9	5-6	5-3	5-0	4-9	4-6	4-0	3-9	3-6	3-3
	1-#5	9-3	9-0	8-6	8-3	8-0	7-6	7-3	7-0	6-9	6-6	6-0	5-6	5-3	5-0	4-6
	2-#4 1-#6	10-6	10-3	9-9	9-6	9-3	8-9	8-6	8-3	8-0	7-9	7-3	6-9	6-3	6-0	5-6
	2-#5	13-0	12-9	12-3	12-0	11-6	11-3	11-0	10-9	10-3	10-0	9-6	9-0	8-6	8-0	7-9
	2-#6	15-3	15-0	14-6	14-3	13-9	13-6	13-3	12-9	12-6	12-3	11-9	11-3	10-6	10-3	9-9
	Center distance A ⁽⁹⁾	4-6	3-9	3-0	2-0	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-0	5-6	5-3	4-9	4-6	4-0	3-9	3-3	SR	SR	SR	SR	SR	SR	SR
	1-#4	8-3	8-0	7-6	7-3	7-0	6-6	6-3	6-0	5-9	5-6	5-3	4-9	4-6	4-0	3-9
	1-#5	10-3	10-0	9-6	9-3	9-0	8-6	8-3	8-0	7-9	7-6	7-0	6-6	6-3	5-9	5-6
	2-#4 1-#6	11-9	11-3	11-0	10-9	10-3	10-0	9-9	9-6	9-0	8-9	8-3	7-9	7-6	7-0	6-6
	2-#5	14-6	14-3	13-9	13-6	13-0	12-9	12-6	12-0	11-9	11-6	11-0	10-6	10-0	9-6	9-0
	2-#6	17-3	16-9	16-6	16-0	15-9	15-3	15-0	14-9	14-3	14-0	13-6	13-0	12-3	11-9	11-6
	Center distance A ⁽⁹⁾	5-6	4-9	4-0	3-3	2-6	1-9	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

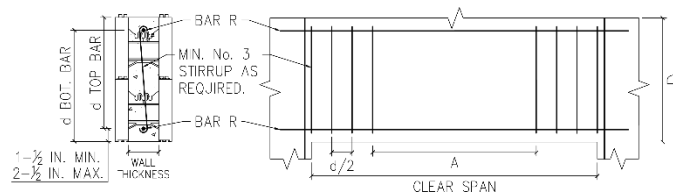
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A11: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 3 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	3-6	3-3	3-0	2-9	2-6	2-3	2-0	2-0	1-9	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-9	2-6	2-3	2-0	2-0	1-9	1-6	1-6
	2-#4 1-#6	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-3	3-0	2-9	2-6	2-3	2-0	2-0	1-9
	2-#5	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	4-0	3-9	3-6	3-0	2-9	2-9	2-6
	2-#6	6-9	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-9	4-6	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-6	2-3	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0	3-0	2-9	2-6	2-3	2-0	1-9	1-9
	1-#5	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-6
	2-#4 1-#6	6-9	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-9	4-6	4-0	3-9	3-6	3-3	3-0
	2-#5	8-3	8-0	7-6	7-3	7-0	6-9	6-6	6-3	6-0	6-0	5-6	5-3	4-9	4-6	4-3
	2-#6	9-6	9-3	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	6-9	6-6	6-0	5-9	5-3
	Center distance A ⁽⁹⁾	2-3	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-9	3-6	3-3	2-9	2-6	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-9	5-3	5-0	4-9	4-6	4-3	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-6	2-3
	1-#5	7-0	6-9	6-6	6-3	6-0	5-9	5-6	5-3	5-0	5-0	4-6	4-3	4-0	3-9	3-6
	2-#4 1-#6	8-0	7-9	7-6	7-3	7-0	6-9	6-6	6-3	6-0	5-9	5-6	5-0	4-9	4-6	4-3
	2-#5	10-0	9-9	9-6	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	6-9	6-6	6-0	5-9
	2-#6	11-9	11-6	11-3	10-9	10-6	10-3	10-0	9-9	9-6	9-3	8-9	8-6	8-0	7-9	7-3
	Center distance A ⁽⁹⁾	3-6	2-9	2-3	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-0	4-9	4-3	4-0	3-9	3-6	3-0	2-9	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-6	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	1-#5	8-0	7-9	7-6	7-3	7-0	6-9	6-6	6-3	6-0	5-9	5-6	5-3	4-9	4-6	4-3
	2-#4 1-#6	9-3	9-0	8-9	8-3	8-0	7-9	7-6	7-3	7-3	7-0	6-6	6-3	5-9	5-6	5-3
	2-#5	11-6	11-3	10-9	10-6	10-3	10-0	9-9	9-6	9-3	9-0	8-6	8-3	7-9	7-6	7-0
	2-#6	13-6	13-3	13-0	12-9	12-3	12-0	11-9	11-6	11-3	11-0	10-6	10-3	9-9	9-3	9-0
	Center distance A ⁽⁹⁾	4-9	4-0	3-6	2-9	2-3	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-0	5-9	5-6	5-3	5-0	4-6	4-3	4-0	3-9	3-3	SR	SR	SR	SR	SR
	1-#4	7-3	7-0	6-6	6-3	6-0	5-9	5-9	5-6	5-3	5-0	4-9	4-3	4-0	3-9	3-6
	1-#5	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	7-0	6-9	6-3	6-0	5-6	5-3	5-0
	2-#4 1-#6	10-3	10-0	9-9	9-6	9-0	8-9	8-6	8-6	8-3	8-0	7-6	7-0	6-9	6-6	6-0
	2-#5	12-9	12-6	12-3	11-9	11-6	11-3	11-0	10-9	10-6	10-3	10-0	9-6	9-0	8-9	8-3
	2-#6	15-0	14-9	14-6	14-3	14-0	13-9	13-6	13-0	12-9	12-6	12-3	11-9	11-3	10-9	10-6
	Center distance A ⁽⁹⁾	5-9	5-3	4-6	4-0	3-3	2-9	2-3	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0

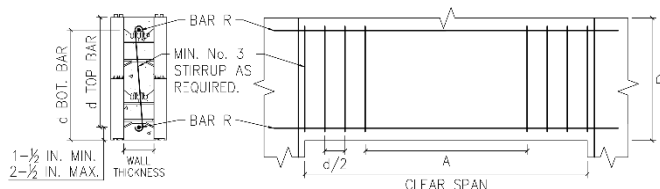
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A12: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 3 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	3-0	3-0	2-9	2-6	2-3	2-3	2-0	1-9	1-9	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	4-0	3-9	3-6	3-3	3-0	2-9	2-9	2-6	2-6	2-3	2-0	1-9	1-9	1-6	1-6
	2-#4 1-#6	4-6	4-3	4-0	3-9	3-6	3-3	3-3	3-0	3-0	2-9	2-6	2-3	2-0	2-0	1-9
	2-#5	5-6	5-3	5-0	4-9	4-6	4-3	4-0	4-0	3-9	3-6	3-3	3-0	2-9	2-9	2-6
	2-#6	6-3	6-0	5-9	5-6	5-3	5-0	5-0	4-9	4-6	4-6	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-9	2-6	2-3	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-3	4-0	3-9	3-6	3-3	3-3	3-0	2-9	2-9	2-6	2-3	2-3	2-0	1-9	1-9
	1-#5	5-3	5-0	4-9	4-6	4-6	4-3	4-0	3-9	3-9	3-6	3-3	3-0	2-9	2-6	2-6
	2-#4 1-#6	6-0	5-9	5-6	5-3	5-3	5-0	4-9	4-6	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	2-#5	7-6	7-3	7-0	6-9	6-6	6-3	6-0	6-0	5-9	5-6	5-3	5-0	4-9	4-3	4-0
	2-#6	8-9	8-6	8-3	8-0	7-9	7-6	7-6	7-3	7-0	6-9	6-6	6-0	5-9	5-6	5-3
	Center distance A ⁽⁹⁾	2-6	2-0	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-9	3-6	3-3	3-0	2-9	2-6	2-3	2-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-0	4-9	4-9	4-6	4-3	4-0	3-9	3-9	3-6	3-6	3-0	2-9	2-9	2-6	2-3
	1-#5	6-6	6-3	6-0	5-9	5-6	5-3	5-0	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3
	2-#4 1-#6	7-3	7-0	6-9	6-6	6-3	6-3	6-0	5-9	5-6	5-6	5-0	4-9	4-6	4-3	4-0
	2-#5	9-0	8-9	8-6	8-3	8-0	8-0	7-9	7-6	7-3	7-0	6-9	6-6	6-0	5-9	5-6
	2-#6	10-9	10-6	10-3	10-0	9-9	9-6	9-3	9-0	9-0	8-9	8-3	8-0	7-6	7-3	7-0
	Center distance A ⁽⁹⁾	3-6	3-0	2-6	2-0	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0	2-9	SR	SR	SR	SR	SR
	1-#4	5-9	5-6	5-3	5-3	5-0	4-9	4-6	4-6	4-3	4-0	3-9	3-6	3-3	3-0	2-9
	1-#5	7-3	7-0	6-9	6-6	6-6	6-3	6-0	5-9	5-9	5-6	5-3	4-9	4-6	4-3	4-0
	2-#4 1-#6	8-3	8-0	7-9	7-6	7-6	7-3	7-0	6-9	6-6	6-6	6-0	5-9	5-6	5-3	5-0
	2-#5	10-3	10-0	9-9	9-9	9-6	9-3	9-0	8-9	8-6	8-6	8-0	7-9	7-3	7-0	6-9
	2-#6	12-3	12-0	11-9	11-6	11-3	11-0	10-9	10-9	10-6	10-3	9-9	9-6	9-3	8-9	8-6
	Center distance A ⁽⁹⁾	4-9	4-3	3-9	3-3	2-9	2-3	1-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	3-6	SR	SR	SR	SR
	1-#4	6-6	6-3	6-0	5-9	5-6	5-6	5-3	5-0	4-9	4-9	4-3	4-0	3-9	3-6	3-6
	1-#5	8-0	7-9	7-6	7-6	7-3	7-0	6-9	6-6	6-6	6-3	6-0	5-6	5-3	5-0	4-9
	2-#4 1-#6	9-3	9-0	8-9	8-6	8-3	8-0	8-0	7-9	7-6	7-3	7-0	6-9	6-3	6-0	5-9
	2-#5	11-6	11-3	11-0	10-9	10-6	10-3	10-0	10-0	9-9	9-6	9-3	8-9	8-6	8-0	7-9
	2-#6	13-6	13-3	13-0	13-0	12-9	12-6	12-3	12-0	11-9	11-6	11-3	10-9	10-6	10-3	9-9
	Center distance A ⁽⁹⁾	6-0	5-6	5-0	4-6	4-0	3-6	3-0	2-6	2-0	1-6	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A13: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 4 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-6	7-3	5-9	4-9	4-0	3-3	3-0	2-6	2-3	2-0	1-9	1-6	1-3	1-0	1-0
	1-#5	12-0	9-6	7-9	6-6	5-6	4-9	4-0	3-9	3-3	3-0	2-6	2-0	1-9	1-9	1-6
	2-#4 1-#6	13-6	10-9	9-0	7-6	6-6	5-6	4-9	4-3	4-0	3-6	3-0	2-6	2-3	2-0	1-9
	2-#5	15-6	12-9	10-9	9-0	7-9	6-9	6-0	5-3	4-9	4-6	3-9	3-3	2-9	2-6	2-3
	2-#6	18-0	16-9	14-9	13-0	11-6	10-3	9-3	8-3	7-6	7-0	6-0	5-3	4-6	4-0	3-9
	Center distance A ⁽⁹⁾	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	13-3	9-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	13-6	11-0	9-3	7-9	6-9	5-9	5-3	4-6	4-3	3-9	3-3	2-9	2-6	2-0	2-0
	1-#5	17-0	14-6	12-6	10-9	9-6	8-3	7-6	6-9	6-0	5-6	4-9	4-0	3-6	3-3	3-0
	2-#4 1-#6	18-0	16-9	14-6	12-9	11-3	10-0	9-0	8-0	7-3	6-9	5-9	5-3	4-6	4-0	3-9
	2-#5	18-0	18-0	18-0	16-3	14-9	13-3	12-0	11-0	10-0	9-3	8-0	7-6	6-9	6-0	5-6
	2-#6	18-0	18-0	18-0	18-0	17-3	15-9	14-3	13-0	12-0	11-3	9-9	9-9	8-9	8-0	7-3
	Center distance A ⁽⁹⁾	9-9	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	15-6	12-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	16-3	14-0	12-0	10-6	9-0	8-0	7-3	6-6	6-0	5-6	4-6	4-0	3-6	3-0	2-9
	1-#5	18-0	18-0	16-0	14-3	12-9	11-3	10-3	9-3	8-6	7-9	6-9	6-0	5-3	4-9	4-3
	2-#4 1-#6	18-0	18-0	18-0	16-9	15-0	13-9	12-6	11-3	10-6	9-9	8-3	7-3	6-6	5-9	5-3
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-6	14-3	13-3	11-9	10-3	9-3	8-3	7-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-9	14-9	13-3	11-9	10-9	9-9
	Center distance A ⁽⁹⁾	15-6	9-3	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	17-6	14-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	16-3	14-3	12-6	11-3	10-0	9-0	8-3	7-6	7-0	6-0	5-3	4-6	4-0	3-9
	1-#5	18-0	18-0	18-0	17-0	15-3	14-0	12-9	11-9	10-9	10-0	8-9	7-9	6-9	6-0	5-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	16-9	15-6	14-3	13-3	12-3	10-9	9-6	8-6	7-9	7-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-0	13-6	12-3	11-0	10-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-9	14-3	13-3
	Center distance A ⁽⁸⁾	18-0	14-6	8-9	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	16-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	18-0	16-0	14-6	13-0	11-9	10-9	9-9	9-0	8-3	7-3	6-3	5-6	5-0	4-6
	1-#5	18-0	18-0	18-0	18-0	17-9	16-3	15-0	13-9	12-9	12-0	10-6	9-3	8-3	7-6	6-9
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-6	14-6	13-0	11-6	10-3	9-6	8-6
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-3	14-9	13-6	12-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-3
	Center distance A ⁽⁹⁾	18-0	18-0	13-9	8-3	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

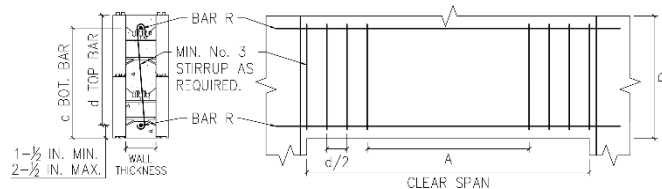


Table A14: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 4 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	11-0	7-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-6	7-6	6-0	4-9	4-0	3-6	3-0	2-9	2-6	2-3	1-9	1-6	1-3	1-3	1-0
	1-#5	12-3	9-9	8-0	6-9	5-9	5-0	4-6	4-0	3-6	3-3	2-9	2-3	2-0	1-9	1-6
	2-#4 1-#6	13-9	11-6	9-6	8-0	7-0	6-0	5-3	4-9	4-3	4-0	3-3	2-9	2-6	2-3	2-0
	2-#5	16-9	14-3	12-0	10-6	9-0	8-0	7-3	6-6	5-9	5-3	4-6	4-0	3-6	3-0	2-9
	2-#6	18-0	16-9	14-9	13-0	10-6	10-3	9-3	8-3	7-6	7-0	6-0	5-3	4-6	4-0	3-9
	Center distance A ⁽⁹⁾	7-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	16-0	13-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	13-0	10-9	9-3	7-9	6-9	6-0	5-3	4-9	4-3	3-9	3-3	2-9	2-6	2-3	2-0
	1-#5	16-6	14-3	12-3	10-9	9-6	8-6	7-6	6-9	6-3	5-9	4-9	4-3	3-9	3-3	3-0
	2-#4 1-#6	18-0	16-6	14-6	12-9	11-6	10-3	9-3	8-6	7-9	7-0	6-0	5-3	4-9	4-3	3-9
	2-#5	18-0	18-0	18-0	17-0	15-3	13-9	12-9	11-6	10-9	9-9	8-6	7-6	6-9	6-0	5-6
	2-#6	18-0	18-0	18-0	18-0	18-0	17-0	15-9	14-6	13-6	12-6	11-0	9-9	8-9	7-9	7-0
	Center distance A ⁽⁹⁾	16-0	10-0	4-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	17-3	14-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	15-6	13-3	11-6	10-3	9-0	8-0	7-3	6-6	6-0	5-6	4-6	4-0	3-6	3-3	2-9
	1-#5	18-0	17-6	15-6	14-0	12-6	11-3	10-3	9-3	8-6	8-0	6-9	6-0	5-3	4-9	4-3
	2-#4 1-#6	18-0	18-0	18-0	16-6	15-0	13-6	12-6	11-6	10-6	9-9	8-6	7-6	6-9	6-0	5-6
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-9	14-9	13-9	12-0	10-9	9-9	8-9	8-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	15-9	14-0	12-9	11-6	10-6
	Center distance A ⁽⁹⁾	18-0	17-3	12-0	6-6	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	17-3	15-3	13-6	12-0	10-9	9-9	8-9	8-0	7-6	6-9	6-0	5-3	4-6	4-0	3-9
	1-#5	18-0	18-0	18-0	16-3	15-0	13-9	12-6	11-6	10-9	10-0	8-9	7-9	6-9	6-3	5-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	17-9	16-3	15-3	14-0	13-0	12-3	10-9	9-6	8-6	7-9	7-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	15-3	13-9	12-6	11-3	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-3	15-0	13-9
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	13-6	8-9	3-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	18-0	16-9	15-3	13-9	12-6	11-3	10-6	9-6	8-9	8-3	7-0	6-3	5-6	5-0	4-6
	1-#5	18-0	18-0	18-0	18-0	17-0	15-9	14-6	13-6	12-6	11-9	10-3	9-3	8-3	7-6	6-9
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-3	15-3	14-3	12-9	11-6	10-3	9-6	8-9
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-3	15-0	13-9	12-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	14-9	10-6	6-0	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

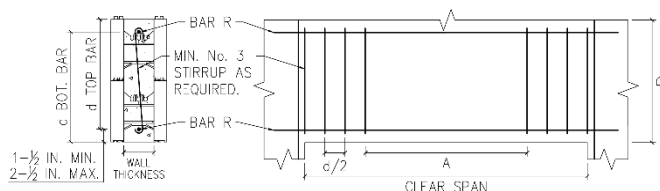


Table A15: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 4 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	14-6	11-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-3	7-3	5-9	4-9	4-0	3-6	3-0	2-9	2-3	2-0	1-9	1-6	1-3	1-3	1-0
	1-#5	12-0	9-9	8-0	6-9	5-9	5-0	4-3	4-0	3-6	3-3	2-9	2-3	2-0	1-9	1-6
	2-#4 1-#6	13-9	11-3	9-6	8-0	7-0	6-0	5-6	4-9	4-3	4-0	3-3	2-9	2-6	2-3	2-0
	2-#5	16-9	14-3	12-3	10-9	9-6	8-3	7-6	6-9	6-0	5-6	4-9	4-0	3-6	3-3	3-0
	2-#6	18-0	16-9	14-9	13-0	11-6	10-3	9-3	8-3	7-6	7-0	6-0	5-3	4-6	4-0	3-9
	Center distance A ⁽⁹⁾	11-3	4-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	15-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	12-6	10-6	8-9	7-6	6-6	5-9	5-0	4-6	4-0	3-9	3-3	2-9	2-6	2-0	2-0
	1-#5	16-0	13-9	12-0	10-6	9-3	8-3	7-3	6-9	6-0	5-6	4-9	4-0	3-6	3-3	3-0
	2-#4 1-#6	18-0	16-0	14-0	12-6	11-3	10-0	9-0	8-3	7-6	7-0	6-0	5-3	4-6	4-0	3-9
	2-#5	18-0	18-0	18-0	16-6	15-0	13-9	12-6	11-6	10-6	9-9	8-6	7-6	6-9	6-0	5-6
	2-#6	18-0	18-0	18-0	18-0	18-0	17-3	15-9	14-9	13-6	12-9	11-0	9-9	8-9	8-0	7-3
	Center distance A ⁽⁹⁾	18-0	15-3	9-6	4-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	14-6	12-9	11-0	9-9	8-6	7-9	7-0	6-3	5-9	5-3	4-6	3-9	3-6	3-0	2-9
	1-#5	18-0	16-6	14-9	13-3	12-0	10-9	9-9	9-0	8-3	7-9	6-9	5-9	5-3	4-9	4-3
	2-#4 1-#6	18-0	18-0	17-6	15-9	14-3	13-0	12-0	11-0	10-3	9-6	8-3	7-3	6-6	5-9	5-3
	2-#5	18-0	18-0	18-0	18-0	18-0	17-9	16-6	15-6	14-3	13-6	11-9	10-6	9-6	8-9	8-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-6	14-0	12-6	11-6	10-6
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	13-3	8-6	3-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	16-3	14-3	12-9	11-6	10-3	9-3	8-6	7-9	7-0	6-6	5-9	5-0	4-6	4-0	3-6
	1-#5	18-0	18-0	17-0	15-6	14-3	13-0	12-0	11-0	10-3	9-6	8-3	7-6	6-6	6-0	5-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	16-9	15-6	14-6	13-6	12-6	11-9	10-3	9-3	8-3	7-6	7-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-6	14-9	13-3	12-0	11-0	10-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-0	14-9	13-6
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	16-3	11-9	7-6	3-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR
	1-#4	17-3	15-9	14-3	13-0	11-9	10-9	9-9	9-0	8-6	7-9	6-9	6-0	5-3	4-9	4-6
	1-#5	18-0	18-0	18-0	17-3	16-0	14-9	13-9	12-9	12-0	11-3	10-0	8-9	8-0	7-3	6-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	17-9	16-6	15-6	14-6	13-9	12-3	11-0	10-0	9-0	8-3
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-9	14-3	13-3	12-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-3
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	14-6	10-9	6-9	2-9	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

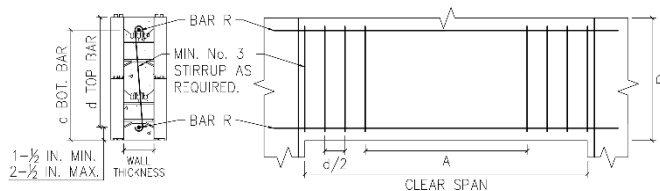
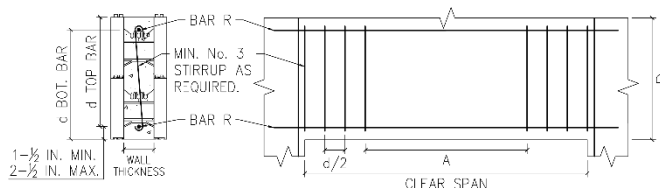


Table A16: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 4 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	17-6	14-6	11-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-0	7-3	5-9	4-9	4-0	3-6	3-0	2-9	2-3	2-3	1-9	1-6	1-3	1-3	1-0
	1-#5	11-9	9-6	8-0	6-9	5-9	5-0	4-6	4-0	3-6	3-3	2-9	2-3	2-0	1-9	1-6
	2-#4 1-#6	13-6	11-3	9-6	8-3	7-0	6-3	5-6	5-0	4-6	4-0	3-6	3-0	2-6	2-3	2-0
	2-#5	16-9	14-6	12-6	11-0	9-6	8-6	7-9	7-0	6-3	5-9	5-0	4-3	3-9	3-3	3-0
	2-#6	18-0	17-3	15-0	13-3	12-0	10-9	9-9	8-9	8-0	7-3	6-3	5-6	5-0	4-6	4-0
	Center distance A ⁽⁹⁾	14-6	8-6	2-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	17-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	12-0	10-3	8-9	7-6	6-6	5-9	5-0	4-6	4-0	3-9	3-3	2-9	2-6	2-3	2-0
	1-#5	15-6	13-6	11-9	10-3	9-3	8-3	7-3	6-9	6-0	5-6	4-9	4-3	3-9	3-3	3-0
	2-#4 1-#6	17-9	15-6	13-9	12-3	11-0	10-0	9-0	8-3	7-6	7-0	6-0	5-3	4-9	4-3	3-9
	2-#5	18-0	18-0	18-0	16-6	15-0	13-9	12-6	11-6	10-9	10-0	8-9	7-9	6-9	6-3	5-6
	2-#6	18-0	18-0	18-0	18-0	18-0	17-3	16-0	14-9	13-9	13-0	11-3	10-0	9-0	8-3	7-6
	Center distance A ⁽⁹⁾	18-0	18-0	14-9	9-6	4-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	14-0	12-3	10-9	9-6	8-6	7-6	6-9	6-3	5-9	5-3	4-6	3-9	3-6	3-0	2-9
	1-#5	17-9	16-0	14-3	13-0	11-9	10-9	9-9	9-0	8-3	7-6	6-6	5-9	5-3	4-9	4-3
	2-#4 1-#6	18-0	18-0	16-9	15-3	14-0	12-9	11-9	11-0	10-3	9-6	8-3	7-3	6-6	6-0	5-3
	2-#5	18-0	18-0	18-0	18-0	18-0	17-6	16-3	15-3	14-3	13-3	11-9	10-6	9-6	8-9	8-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-6	14-0	12-9	11-6	10-9
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	14-9	10-6	6-3	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR	SR
	1-#4	15-3	13-9	12-3	11-0	10-0	9-0	8-3	7-6	7-0	6-6	5-6	5-0	4-6	4-0	3-6
	1-#5	18-0	17-9	16-3	15-0	13-9	12-9	11-9	10-9	10-0	9-6	8-3	7-3	6-6	6-0	5-6
	2-#4 1-#6	18-0	18-0	18-0	17-6	16-3	15-3	14-0	13-3	12-3	11-6	10-3	9-3	8-3	7-6	6-9
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	16-3	14-6	13-3	12-0	11-0	10-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	15-9	14-6	13-6
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	15-0	11-0	7-3	3-6	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	SR	SR	SR	SR
	1-#4	16-3	14-9	13-6	12-3	11-3	10-6	9-6	8-9	8-3	7-9	6-9	6-0	5-3	4-9	4-3
	1-#5	18-0	18-0	17-9	16-6	15-3	14-3	13-3	12-6	11-9	11-0	9-9	8-9	8-0	7-3	6-6
	2-#4 1-#6	18-0	18-0	18-0	18-0	18-0	17-0	16-0	15-0	14-3	13-6	12-0	10-9	9-9	9-0	8-3
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-6	14-3	13-0	12-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-0
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	15-0	11-9	4-9	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES





**Table A17: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 5 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-6	5-6	4-9	4-0	3-6	3-0	2-9	2-6	2-3	2-0	1-9	1-6	1-3	1-0	1-0
	1-#5	8-0	7-0	6-0	5-3	4-9	4-3	3-9	3-3	3-0	2-9	2-3	2-0	1-9	1-6	1-6
	2-#4 1-#6	9-0	7-9	6-9	6-0	5-6	4-9	4-3	4-0	3-6	3-3	2-9	2-6	2-3	2-0	1-9
	2-#5	10-3	9-0	8-0	7-3	6-6	5-9	5-3	4-9	4-6	4-0	3-6	3-0	2-9	2-6	2-3
	2-#6	13-3	12-0	11-0	10-0	9-3	8-6	7-9	7-3	6-9	6-3	5-6	4-9	4-3	4-0	3-6
	Center distance A ⁽⁹⁾	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-3	4-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-3	8-0	7-3	6-3	5-9	5-0	4-6	4-3	3-9	3-6	3-0	2-6	2-3	2-0	1-9
	1-#5	11-6	10-3	9-3	8-6	7-9	7-0	6-6	5-9	5-6	5-0	4-3	4-0	3-6	3-0	2-9
	2-#4 1-#6	13-0	11-9	10-9	9-9	9-0	8-3	7-6	7-0	6-6	6-0	5-3	4-9	4-3	4-0	3-6
	2-#5	15-6	14-6	13-3	12-3	11-6	10-6	9-9	9-3	8-6	8-0	7-0	7-0	6-3	5-9	5-3
	2-#6	17-6	16-3	15-3	14-3	13-3	12-3	11-6	10-9	10-3	9-6	8-6	8-9	8-0	7-6	6-9
	Center distance A ⁽⁹⁾	4-0	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	7-9	6-6	5-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	11-3	10-0	9-0	8-3	7-6	6-9	6-3	5-9	5-3	5-0	4-3	3-9	3-3	3-0	2-9
	1-#5	14-0	12-9	11-9	11-0	10-0	9-3	8-6	8-0	7-6	7-0	6-3	5-6	5-0	4-6	4-0
	2-#4 1-#6	16-0	14-9	13-9	12-9	11-9	11-0	10-3	9-6	9-0	8-6	7-6	6-9	6-0	5-6	5-0
	2-#5	18-0	18-0	17-0	16-0	15-0	14-3	13-6	12-9	12-0	11-3	10-3	9-3	8-6	7-9	7-0
	2-#6	18-0	18-0	18-0	18-0	18-0	17-0	16-3	15-3	14-6	13-9	12-6	11-6	10-6	9-9	9-0
	Center distance A ⁽⁹⁾	6-6	3-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	10-3	9-0	7-9	6-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	12-9	11-9	10-9	9-9	9-0	8-3	7-9	7-3	6-9	6-3	5-6	4-9	4-3	4-0	3-6
	1-#5	16-0	15-0	14-0	13-0	12-0	11-3	10-6	9-9	9-3	8-9	7-9	7-0	6-3	5-9	5-3
	2-#4 1-#6	18-0	17-0	16-0	15-0	14-0	13-3	12-6	11-9	11-0	10-6	9-6	8-6	7-9	7-0	6-6
	2-#5	18-0	18-0	18-0	18-0	18-0	17-3	16-3	15-6	14-9	14-3	12-9	11-9	10-9	10-0	9-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-0	14-9	13-9	12-9	12-0
	Center distance A ⁽⁸⁾	9-0	6-3	3-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	12-6	11-3	10-0	8-9	7-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	14-3	13-0	12-0	11-3	10-6	9-9	9-0	8-6	7-9	7-3	6-6	5-9	5-3	4-9	4-3
	1-#5	17-9	16-9	15-9	14-9	13-9	13-0	12-3	11-6	11-0	10-3	9-3	8-3	7-6	7-0	6-6
	2-#4 1-#6	18-0	18-0	18-0	17-0	16-0	15-3	14-6	13-9	13-0	12-3	11-3	10-3	9-3	8-6	8-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-6	15-3	14-0	13-0	12-0	11-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-6	15-6	14-6
	Center distance A ⁽⁹⁾	11-3	8-9	6-3	3-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

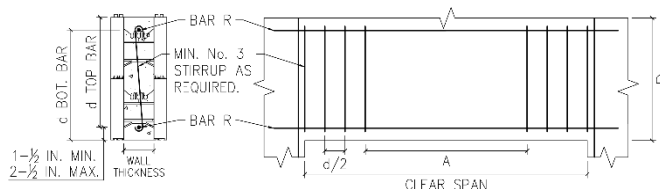
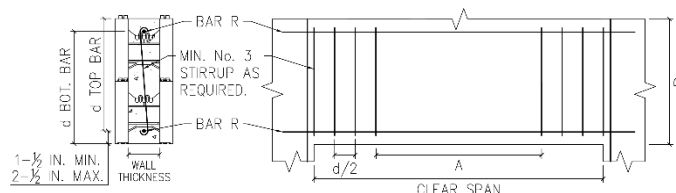


Table A18: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 5 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-3	3-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-9	5-6	4-9	4-0	3-6	3-3	2-9	2-6	2-3	2-0	1-9	1-6	1-3	1-3	1-0
	1-#5	8-3	7-3	6-3	5-6	5-0	4-6	4-0	3-6	3-3	3-0	2-6	2-3	2-0	1-9	1-6
	2-#4 1-#6	9-6	8-3	7-3	6-6	5-9	5-3	4-9	4-3	4-0	3-9	3-0	2-9	2-6	2-3	2-0
	2-#5	11-3	10-0	9-0	8-3	7-6	6-9	6-3	5-9	5-3	4-9	4-3	3-9	3-3	3-0	2-9
	2-#6	13-3	12-0	11-0	10-0	8-6	8-6	7-9	7-3	6-9	6-3	5-6	4-9	4-3	4-0	3-6
	Center distance A ⁽⁹⁾	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	8-3	7-0	5-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-3	8-0	7-3	6-3	5-9	5-3	4-9	4-3	4-0	3-6	3-0	2-9	2-3	2-0	2-0
	1-#5	11-6	10-6	9-6	8-6	7-9	7-0	6-6	6-0	5-6	5-3	4-6	4-0	3-6	3-3	3-0
	2-#4 1-#6	13-0	12-0	11-0	10-0	9-3	8-6	7-9	7-3	6-9	6-3	5-6	5-0	4-6	4-0	3-6
	2-#5	16-0	14-9	13-9	12-9	12-0	11-3	10-6	9-9	9-3	8-6	7-9	6-9	6-3	5-9	5-3
	2-#6	18-0	17-3	16-3	15-3	14-3	13-6	12-9	12-0	11-3	10-9	9-6	8-9	8-0	7-3	6-9
	Center distance A ⁽⁹⁾	7-0	4-3	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	11-6	10-6	9-3	8-0	6-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	11-0	10-0	9-0	8-3	7-6	6-9	6-3	5-9	5-3	5-0	4-3	3-9	3-6	3-0	2-9
	1-#5	13-9	12-9	11-9	10-9	10-0	9-3	8-9	8-0	7-6	7-0	6-3	5-6	5-0	4-6	4-3
	2-#4 1-#6	15-9	14-6	13-6	12-9	11-9	11-0	10-3	9-9	9-0	8-6	7-9	6-9	6-3	5-9	5-3
	2-#5	18-0	18-0	17-3	16-3	15-3	14-6	13-9	13-0	12-3	11-9	10-6	9-6	8-9	8-0	7-6
	2-#6	18-0	18-0	18-0	18-0	18-0	17-9	16-9	16-0	15-3	14-6	13-3	12-3	11-3	10-6	9-9
	Center distance A ⁽⁹⁾	10-6	8-0	5-6	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	14-9	13-6	12-6	11-3	10-0	8-9	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	12-6	11-6	10-6	9-9	9-0	8-3	7-6	7-0	6-6	6-3	5-6	4-9	4-3	4-0	3-6
	1-#5	15-9	14-6	13-9	12-9	12-0	11-3	10-6	9-9	9-3	8-9	7-9	7-0	6-3	5-9	5-3
	2-#4 1-#6	17-9	16-9	15-9	14-9	14-0	13-3	12-6	11-9	11-3	10-6	9-6	8-9	7-9	7-3	6-9
	2-#5	18-0	18-0	18-0	18-0	18-0	17-3	16-6	15-9	15-0	14-3	13-0	12-0	11-0	10-3	9-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-6	15-3	14-3	13-3	12-6
	Center distance A ⁽⁹⁾	13-6	11-3	8-9	6-6	4-3	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	17-6	16-6	15-3	14-3	13-0	12-0	10-9	9-9	SR	SR	SR	SR	SR	SR	SR
	1-#4	13-9	12-9	11-9	11-0	10-3	9-6	8-9	8-3	7-9	7-3	6-6	5-9	5-3	4-9	4-3
	1-#5	17-3	16-3	15-3	14-3	13-6	12-9	12-0	11-3	10-9	10-3	9-3	8-3	7-9	7-0	6-6
	2-#4 1-#6	18-0	18-0	17-6	16-9	15-9	15-0	14-3	13-6	13-0	12-3	11-3	10-3	9-6	8-9	8-0
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-6	15-3	14-3	13-3	12-3	11-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	16-9	15-9	15-0
	Center distance A ⁽⁹⁾	16-6	14-3	12-0	9-9	7-6	5-3	3-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A19: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 5 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-0	4-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-6	5-6	4-9	4-0	3-6	3-0	2-9	2-6	2-3	2-0	1-9	1-6	1-3	1-3	1-0
	1-#5	8-3	7-3	6-3	5-6	5-0	4-6	4-0	3-6	3-3	3-0	2-6	2-3	2-0	1-9	1-6
	2-#4 1-#6	9-6	8-3	7-6	6-6	6-0	5-3	4-9	4-3	4-0	3-9	3-3	2-9	2-6	2-3	2-0
	2-#5	11-6	10-6	9-6	8-6	7-9	7-0	6-6	6-0	5-6	5-0	4-6	3-9	3-6	3-0	2-9
	2-#6	13-3	12-0	11-0	10-0	9-3	8-6	7-9	7-3	6-9	6-3	5-6	4-9	4-3	4-0	3-6
	Center distance A ⁽⁹⁾	4-9	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	10-9	9-6	8-3	7-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-0	8-0	7-0	6-3	5-6	5-0	4-6	4-3	3-9	3-6	3-0	2-6	2-3	2-0	1-9
	1-#5	11-3	10-3	9-3	8-6	7-9	7-0	6-6	6-0	5-6	5-0	4-6	4-0	3-6	3-0	2-9
	2-#4 1-#6	13-0	11-9	10-9	10-0	9-0	8-6	7-9	7-3	6-9	6-3	5-6	4-9	4-3	4-0	3-6
	2-#5	16-0	14-9	13-9	12-9	12-0	11-3	10-6	9-9	9-3	8-9	7-9	7-0	6-3	5-9	5-3
	2-#6	18-0	17-6	16-6	15-6	14-6	13-9	13-0	12-3	11-6	11-0	9-9	8-9	8-0	7-6	6-9
	Center distance A ⁽⁹⁾	9-6	7-0	4-3	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	15-0	13-9	12-6	11-3	10-0	9-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	10-9	9-9	8-9	8-0	7-3	6-6	6-0	5-6	5-3	4-9	4-3	3-9	3-3	3-0	2-9
	1-#5	13-6	12-6	11-6	10-6	9-9	9-0	8-6	7-9	7-3	7-0	6-0	5-6	5-0	4-6	4-0
	2-#4 1-#6	15-6	14-3	13-3	12-6	11-6	10-9	10-0	9-6	9-0	8-6	7-6	6-9	6-0	5-6	5-0
	2-#5	18-0	18-0	17-0	16-0	15-3	14-3	13-6	12-9	12-3	11-6	10-6	9-6	8-9	8-0	7-3
	2-#6	18-0	18-0	18-0	18-0	18-0	17-6	16-9	16-0	15-3	14-6	13-3	12-3	11-3	10-6	9-9
	Center distance A ⁽⁹⁾	13-9	11-3	9-0	6-6	4-0	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	17-6	16-3	15-3	14-0	13-0	11-9	10-9	SR	SR	SR	SR	SR	SR	SR
	1-#4	12-0	11-0	10-3	9-3	8-6	8-0	7-6	6-9	6-6	6-0	5-3	4-9	4-3	3-9	3-6
	1-#5	15-3	14-3	13-3	12-3	11-6	10-9	10-3	9-6	9-0	8-6	7-6	6-9	6-3	5-9	5-3
	2-#4 1-#6	17-3	16-3	15-3	14-6	13-6	12-9	12-0	11-6	10-9	10-3	9-3	8-6	7-9	7-0	6-6
	2-#5	18-0	18-0	18-0	18-0	17-9	17-0	16-0	15-3	14-9	14-0	12-9	11-9	10-9	10-0	9-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-3	15-3	14-0	13-3	12-3
	Center distance A ⁽⁹⁾	17-6	15-3	13-0	10-9	8-6	6-3	3-9	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	17-6	16-6	15-6	14-6	13-3	12-3	SR	SR	SR	SR	SR
	1-#4	13-3	12-3	11-3	10-6	9-9	9-0	8-6	8-0	7-6	7-0	6-3	5-6	5-0	4-6	4-3
	1-#5	16-6	15-6	14-9	13-9	13-0	12-3	11-6	11-0	10-6	9-9	9-0	8-0	7-6	6-9	6-3
	2-#4 1-#6	18-0	18-0	17-0	16-0	15-3	14-6	13-9	13-0	12-6	12-0	10-9	10-0	9-0	8-6	7-9
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-9	16-0	15-0	13-9	12-9	12-0	11-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-6	15-6	14-6
	Center distance A ⁽⁹⁾	18-0	18-0	16-6	14-6	12-3	10-0	8-0	5-9	3-9	1-6	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

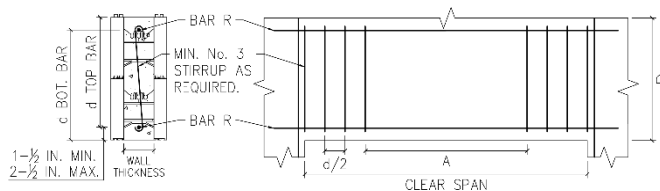
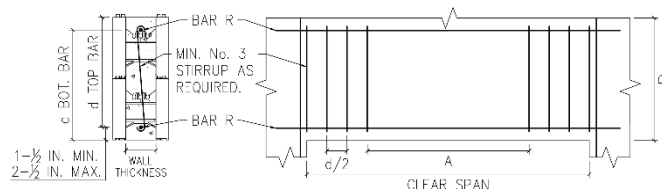




Table A20: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 5 LOADS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	7-9	6-3	5-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-6	5-6	4-9	4-0	3-6	3-3	2-9	2-6	2-3	2-0	1-9	1-6	1-3	1-3	1-0
	1-#5	8-3	7-3	6-3	5-6	5-0	4-6	4-0	3-9	3-3	3-0	2-6	2-3	2-0	1-9	1-6
	2-#4 1-#6	9-6	8-6	7-6	6-9	6-0	5-6	5-0	4-6	4-0	3-9	3-3	2-9	2-6	2-3	2-0
	2-#5	11-9	10-6	9-6	8-9	8-0	7-3	6-9	6-0	5-9	5-3	4-6	4-0	3-6	3-3	3-0
	2-#6	13-6	12-6	11-3	10-6	9-6	8-9	8-3	7-6	7-0	6-6	5-9	5-3	4-6	4-3	3-9
	Center distance A ⁽⁹⁾	6-3	3-9	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	13-3	12-0	10-9	9-6	8-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	8-9	7-9	7-0	6-3	5-6	5-0	4-6	4-3	3-9	3-6	3-0	2-6	2-3	2-0	1-9
	1-#5	11-3	10-0	9-3	8-3	7-6	7-0	6-6	6-0	5-6	5-0	4-6	4-0	3-6	3-3	2-9
	2-#4 1-#6	12-9	11-9	10-9	9-9	9-0	8-3	7-9	7-3	6-9	6-3	5-6	5-0	4-6	4-0	3-6
	2-#5	15-9	14-9	13-9	12-9	12-0	11-3	10-6	9-9	9-3	8-9	7-9	7-0	6-3	5-9	5-3
	2-#6	18-0	17-6	16-6	15-6	14-9	13-9	13-0	12-3	11-9	11-0	10-0	9-0	8-3	7-6	7-0
	Center distance A ⁽⁹⁾	12-0	9-6	7-0	4-6	2-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	16-9	15-9	14-6	13-3	12-3	11-0	10-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	10-6	9-6	8-6	7-9	7-3	6-6	6-0	5-6	5-3	4-9	4-3	3-9	3-3	3-0	2-9
	1-#5	13-3	12-3	11-3	10-6	9-9	9-0	8-3	7-9	7-3	6-9	6-0	5-6	5-0	4-6	4-0
	2-#4 1-#6	15-0	14-0	13-0	12-3	11-6	10-9	10-0	9-6	8-9	8-3	7-6	6-9	6-0	5-6	5-0
	2-#5	18-0	17-9	16-9	15-9	15-0	14-3	13-6	12-9	12-3	11-6	10-6	9-6	8-9	8-0	7-6
	2-#6	18-0	18-0	18-0	18-0	18-0	17-6	16-9	16-0	15-3	14-6	13-6	12-3	11-6	10-6	9-9
	Center distance A ⁽⁹⁾	16-9	14-6	12-3	10-0	7-9	5-6	3-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	17-9	16-9	15-9	14-6	13-6	12-6	SR	SR	SR	SR	SR
	1-#4	11-9	10-9	10-0	9-3	8-6	7-9	7-3	6-9	6-3	6-0	5-3	4-9	4-3	3-9	3-6
	1-#5	14-9	13-9	13-0	12-0	11-3	10-9	10-0	9-6	8-9	8-6	7-6	6-9	6-3	5-9	5-3
	2-#4 1-#6	16-9	15-9	15-0	14-0	13-3	12-6	12-0	11-3	10-9	10-3	9-3	8-3	7-9	7-0	6-6
	2-#5	18-0	18-0	18-0	18-0	17-6	16-6	15-9	15-3	14-6	13-9	12-9	11-9	10-9	10-0	9-3
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-3	15-0	14-0	13-3	12-3
	Center distance A ⁽⁹⁾	18-0	18-0	16-9	14-6	12-6	10-3	8-3	6-0	4-0	1-9	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-9	16-9	14-9	SR	SR	SR	SR
	1-#4	12-9	11-9	11-0	10-3	9-6	9-0	8-3	7-9	7-3	7-0	6-3	5-6	5-0	4-6	4-3
	1-#5	16-0	15-0	14-3	13-6	12-9	12-0	11-6	10-9	10-3	9-9	8-9	8-0	7-3	6-9	6-3
	2-#4 1-#6	18-0	17-3	16-6	15-9	15-0	14-3	13-6	12-9	12-3	11-9	10-9	9-9	9-0	8-3	7-9
	2-#5	18-0	18-0	18-0	18-0	18-0	18-0	17-9	17-3	16-6	15-9	14-9	13-9	12-9	11-9	11-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-6	15-6	14-6
	Center distance A ⁽⁹⁾	18-0	18-0	18-0	18-0	16-9	14-9	12-9	10-9	8-9	6-9	2-9	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A21: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 6 LOADS WITH CONCRETE WALLS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-3	3-9	3-3	3-0	2-9	2-6	2-3	2-0	2-0	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	5-0	4-9	4-3	4-0	3-6	3-3	3-0	2-9	2-6	2-6	2-0	1-9	1-9	1-6	1-3
	2-#4 1-#6	5-6	5-3	4-9	4-6	4-0	3-9	3-6	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-9
	2-#5	6-3	6-0	5-6	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-0	2-9	2-6	2-3	2-0
	2-#6	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-9	5-3	5-0	4-6	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-3	2-3	2-0	1-9
	1-#5	7-3	6-9	6-3	6-0	5-6	5-3	5-0	4-9	4-6	4-3	3-9	3-0	2-9	2-6	2-6
	2-#4 1-#6	8-0	7-6	7-3	6-9	6-6	6-0	5-9	5-6	5-3	5-0	4-6	3-9	3-6	3-3	3-0
	2-#5	9-9	9-3	8-9	8-3	8-0	7-6	7-3	7-0	6-6	6-3	5-9	5-0	4-9	4-6	4-3
	2-#6	10-9	10-3	10-0	9-6	9-0	8-9	8-3	8-0	7-9	7-6	6-9	6-3	5-9	5-6	5-3
	Center distance A ⁽⁹⁾	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-9	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-0	6-6	6-3	5-9	5-6	5-3	4-9	4-6	4-3	4-0	3-9	3-3	3-0	2-9	2-6
	1-#5	8-9	8-3	8-0	7-6	7-3	6-9	6-6	6-3	5-9	5-6	5-0	4-9	4-3	4-0	3-9
	2-#4 1-#6	10-0	9-6	9-0	8-9	8-3	7-9	7-6	7-3	7-0	6-6	6-0	5-6	5-3	4-9	4-6
	2-#5	12-0	11-6	11-3	10-9	10-3	10-0	9-6	9-3	9-0	8-6	8-0	7-6	7-0	6-6	6-0
	2-#6	14-0	13-6	13-0	12-6	12-0	11-9	11-3	11-0	10-6	10-3	9-9	9-0	8-6	8-0	7-6
	Center distance A ⁽⁹⁾	2-3	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-9	3-3	2-9	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	8-3	7-9	7-3	7-0	6-6	6-3	5-9	5-6	5-3	5-0	4-6	4-3	3-9	3-6	3-3
	1-#5	10-3	9-9	9-3	8-9	8-6	8-0	7-9	7-6	7-0	6-9	6-3	5-9	5-3	5-0	4-9
	2-#4 1-#6	11-6	11-0	10-6	10-3	9-9	9-6	9-0	8-9	8-3	8-0	7-6	7-0	6-6	6-0	5-9
	2-#5	14-0	13-6	13-3	12-9	12-3	12-0	11-6	11-3	10-9	10-6	9-9	9-3	8-9	8-3	7-9
	2-#6	16-3	16-0	15-6	15-0	14-6	14-3	13-9	13-6	13-0	12-9	12-0	11-3	10-9	10-3	9-9
	Center distance A ⁽⁸⁾	3-3	2-3	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-9	4-3	3-9	3-3	2-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-0	8-6	8-3	7-9	7-6	7-0	6-9	6-6	6-3	5-9	5-3	5-0	4-6	4-3	4-0
	1-#5	11-3	10-9	10-6	10-0	9-6	9-3	9-0	8-6	8-3	8-0	7-3	6-9	6-3	6-0	5-6
	2-#4 1-#6	12-9	12-3	12-0	11-6	11-0	10-9	10-3	10-0	9-9	9-3	8-9	8-3	7-9	7-3	6-9
	2-#5	15-9	15-3	15-0	14-6	14-0	13-9	13-3	12-9	12-6	12-3	11-6	10-9	10-3	9-9	9-3
	2-#6	18-0	18-0	17-6	17-0	16-9	16-3	15-9	15-6	15-0	14-9	14-0	13-3	12-9	12-3	11-6
	Center distance A ⁽⁹⁾	4-3	3-3	2-3	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

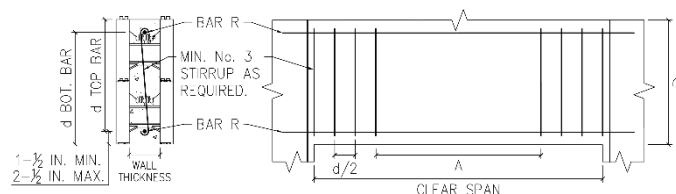
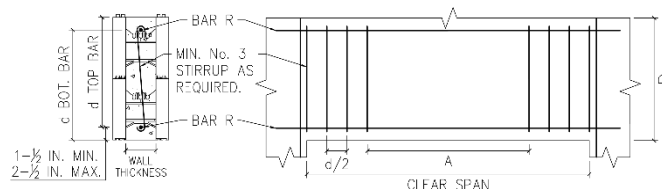


Table A22: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 6 LOADS WITH CONCRETE WALLS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	3-9	3-3	3-0	2-9	2-6	2-3	2-3	2-0	1-9	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	4-6	4-3	4-0	3-6	3-6	3-3	3-0	2-9	2-6	2-6	2-3	2-0	1-9	1-6	1-6
	2-#4 1-#6	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0	3-0	2-6	2-3	2-0	2-0	1-9
	2-#5	6-0	5-9	5-3	5-0	4-9	4-6	4-3	4-0	4-0	3-9	3-3	3-0	2-9	2-6	2-3
	2-#6	6-3	6-0	5-9	5-6	5-6	5-0	4-9	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-0	4-9	4-6	4-0	3-9	3-6	3-6	3-3	3-0	2-9	2-6	2-3	2-0	2-0	1-9
	1-#5	6-3	6-0	5-6	5-3	5-0	4-9	4-6	4-3	4-0	4-0	3-6	3-3	3-0	2-9	2-6
	2-#4 1-#6	7-0	6-9	6-6	6-0	5-9	5-6	5-3	5-0	4-9	4-9	4-3	4-0	3-9	3-3	3-3
	2-#5	8-6	8-3	8-0	7-9	7-3	7-0	6-9	6-6	6-3	6-0	5-9	5-3	5-0	4-6	4-3
	2-#6	10-0	9-6	9-3	9-0	8-9	8-3	8-0	7-9	7-6	7-3	6-9	6-6	6-0	5-9	5-6
	Center distance A ⁽⁹⁾	1-9	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-3	2-9	2-6	2-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-0	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-6
	1-#5	7-6	7-3	7-0	6-9	6-3	6-0	5-9	5-6	5-3	5-3	4-9	4-6	4-0	3-9	3-6
	2-#4 1-#6	8-6	8-3	8-0	7-9	7-3	7-0	6-9	6-6	6-3	6-0	5-9	5-3	5-0	4-6	4-3
	2-#5	10-6	10-3	10-0	9-6	9-3	9-0	8-9	8-6	8-3	8-0	7-6	7-0	6-9	6-3	6-0
	2-#6	12-3	12-0	11-9	11-3	11-0	10-9	10-6	10-3	10-0	9-9	9-3	8-9	8-3	7-9	7-6
	Center distance A ⁽⁹⁾	2-9	2-3	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-3	4-0	3-6	3-3	2-9	2-6	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-0	6-6	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	3-6	3-3	3-0
	1-#5	8-9	8-3	8-0	7-9	7-6	7-3	7-0	6-9	6-6	6-3	5-9	5-6	5-0	4-9	4-6
	2-#4 1-#6	9-9	9-6	9-3	9-0	8-6	8-3	8-0	7-9	7-6	7-3	6-9	6-6	6-0	5-9	5-6
	2-#5	12-3	11-9	11-6	11-3	11-0	10-9	10-3	10-0	9-9	9-6	9-0	8-6	8-3	7-9	7-6
	2-#6	14-3	14-0	13-9	13-3	13-0	12-9	12-6	12-3	12-0	11-6	11-0	10-6	10-3	9-9	9-3
	Center distance A ⁽⁹⁾	4-0	3-3	2-6	1-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-3	5-0	4-6	4-3	3-9	3-6	3-3	2-9	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-9	7-6	7-0	6-9	6-6	6-3	6-0	5-9	5-6	5-3	5-0	4-6	4-3	4-0	3-9
	1-#5	9-9	9-3	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	6-9	6-3	6-0	5-6	5-3
	2-#4 1-#6	11-0	10-9	10-3	10-0	9-9	9-6	9-3	9-0	8-9	8-6	8-0	7-6	7-0	6-9	6-6
	2-#5	13-6	13-3	13-0	12-9	12-3	12-0	11-9	11-6	11-3	11-0	10-6	10-0	9-6	9-0	8-9
	2-#6	16-0	15-9	15-3	15-0	14-9	14-6	14-3	13-9	13-6	13-3	12-9	12-3	11-9	11-3	11-0
	Center distance A ⁽⁹⁾	5-0	4-3	3-6	2-9	2-3	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A23: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 6 LOADS WITH CONCRETE WALLS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	3-3	3-0	2-9	2-6	2-3	2-3	2-0	2-0	1-9	1-9	1-6	1-3	1-3	1-0	1-0
	1-#5	4-0	3-9	3-6	3-3	3-3	3-0	2-9	2-6	2-6	2-3	2-0	1-9	1-9	1-6	1-6
	2-#4 1-#6	4-6	4-3	4-0	3-9	3-9	3-6	3-3	3-0	3-0	2-9	2-6	2-3	2-0	2-0	1-9
	2-#5	5-6	5-3	5-0	4-9	4-6	4-3	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-6	2-6
	2-#6	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-3	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-6	4-3	4-0	3-9	3-6	3-3	3-0	3-0	2-9	2-9	2-6	2-3	2-0	1-9	1-9
	1-#5	5-6	5-3	5-0	4-9	4-6	4-3	4-3	4-0	3-9	3-9	3-3	3-0	2-9	2-6	2-6
	2-#4 1-#6	6-3	6-0	5-9	5-6	5-3	5-0	5-0	4-9	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	2-#5	7-9	7-6	7-3	7-0	6-9	6-6	6-3	6-0	6-0	5-9	5-3	5-0	4-9	4-6	4-3
	2-#6	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	7-3	7-0	6-6	6-3	5-9	5-6	5-3
	Center distance A ⁽⁹⁾	2-0	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-6	3-0	2-9	2-6	2-3	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-3	5-0	4-9	4-9	4-6	4-3	4-0	3-9	3-9	3-6	3-3	3-0	2-9	2-6	2-3
	1-#5	6-9	6-6	6-3	6-0	5-9	5-6	5-3	5-0	5-0	4-9	4-6	4-0	3-9	3-6	3-3
	2-#4 1-#6	7-9	7-6	7-0	7-0	6-9	6-6	6-3	6-0	5-9	5-6	5-3	5-0	4-6	4-3	4-0
	2-#5	9-6	9-3	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	7-0	6-6	6-3	6-0	5-6
	2-#6	11-3	10-9	10-6	10-3	10-0	9-9	9-6	9-6	9-3	9-0	8-6	8-3	7-9	7-6	7-0
	Center distance A ⁽⁹⁾	3-0	2-6	2-0	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-6	4-3	4-0	3-6	3-3	3-0	2-9	2-6	SR	SR	SR	SR	SR	SR	SR
	1-#4	6-3	6-0	5-9	5-6	5-3	5-0	4-9	4-6	4-6	4-3	4-0	3-6	3-3	3-0	3-0
	1-#5	7-9	7-6	7-3	7-0	6-9	6-6	6-3	6-0	5-9	5-9	5-3	5-0	4-9	4-6	4-3
	2-#4 1-#6	8-9	8-6	8-3	8-0	7-9	7-6	7-3	7-0	6-9	6-9	6-3	6-0	5-6	5-3	5-0
	2-#5	10-9	10-6	10-3	10-0	9-9	9-6	9-3	9-3	9-0	8-9	8-3	8-0	7-6	7-3	7-0
	2-#6	12-9	12-6	12-3	12-0	11-9	11-6	11-3	11-0	10-9	10-6	10-3	9-9	9-6	9-0	8-9
	Center distance A ⁽⁹⁾	4-3	3-6	3-0	2-6	2-0	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-6	5-3	5-0	4-9	4-6	4-0	3-9	3-6	3-3	3-0	SR	SR	SR	SR	SR
	1-#4	6-9	6-6	6-3	6-0	5-9	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	3-9	3-6
	1-#5	8-6	8-3	8-0	7-9	7-6	7-3	7-0	7-0	6-9	6-6	6-0	5-9	5-6	5-3	5-0
	2-#4 1-#6	9-9	9-6	9-3	9-0	8-9	8-6	8-3	8-0	7-9	7-6	7-3	6-9	6-6	6-3	6-0
	2-#5	12-0	11-9	11-6	11-3	11-0	10-9	10-6	10-3	10-3	10-0	9-6	9-0	8-9	8-3	8-0
	2-#6	14-3	14-0	13-9	13-6	13-3	13-0	12-9	12-6	12-3	12-0	11-9	11-3	10-9	10-6	10-0
	Center distance A ⁽⁹⁾	5-3	4-9	4-0	3-6	3-0	2-6	2-0	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

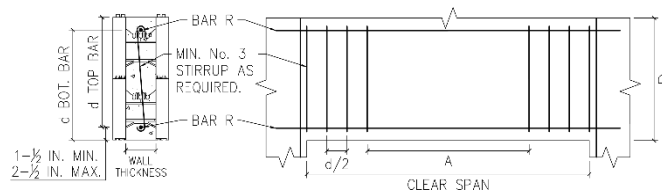
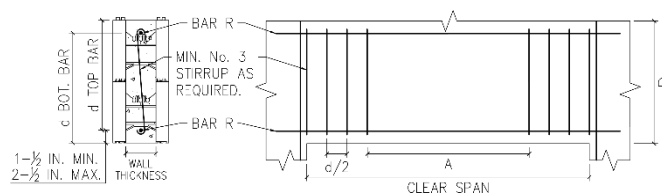


Table A24: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 6 LOADS WITH CONCRETE WALLS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	3-0	2-9	2-6	2-6	2-3	2-0	2-0	1-9	1-9	1-6	1-6	1-3	1-3	1-0	1-0
	1-#5	3-9	3-6	3-3	3-0	3-0	2-9	2-9	2-6	2-3	2-3	2-0	1-9	1-9	1-6	1-6
	2-#4 1-#6	4-3	4-0	3-9	3-6	3-6	3-3	3-0	3-0	2-9	2-9	2-6	2-3	2-0	2-0	1-9
	2-#5	5-3	5-0	4-9	4-6	4-3	4-3	4-0	3-9	3-9	3-6	3-3	3-0	2-9	2-6	2-6
	2-#6	6-0	5-9	5-6	5-3	5-0	5-0	4-9	4-6	4-6	4-3	4-0	3-9	3-6	3-3	3-0
	Center distance A ⁽⁹⁾	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-6	2-3	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	4-0	3-9	3-9	3-6	3-3	3-0	3-0	2-9	2-9	2-6	2-3	2-0	2-0	1-9	1-6
	1-#5	5-0	4-9	4-9	4-6	4-3	4-0	4-0	3-9	3-6	3-6	3-3	3-0	2-9	2-6	2-3
	2-#4 1-#6	5-9	5-6	5-3	5-3	5-0	4-9	4-6	4-6	4-3	4-0	3-9	3-6	3-3	3-0	3-0
	2-#5	7-3	7-0	6-9	6-6	6-3	6-0	6-0	5-9	5-6	5-6	5-0	4-9	4-6	4-3	4-0
	2-#6	8-3	8-3	8-0	7-9	7-6	7-3	7-0	7-0	6-9	6-6	6-3	6-0	5-9	5-3	5-0
	Center distance A ⁽⁹⁾	2-3	1-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-6	3-3	3-0	2-9	2-6	2-3	2-3	2-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-0	4-9	4-6	4-3	4-0	4-0	3-9	3-6	3-6	3-3	3-0	2-9	2-6	2-6	2-3
	1-#5	6-0	6-0	5-9	5-6	5-3	5-0	5-0	4-9	4-6	4-6	4-3	4-0	3-9	3-6	3-3
	2-#4 1-#6	7-0	6-9	6-6	6-3	6-3	6-0	5-9	5-6	5-6	5-3	5-0	4-9	4-6	4-3	4-0
	2-#5	8-9	8-6	8-3	8-0	7-9	7-6	7-6	7-3	7-0	6-9	6-6	6-3	6-0	5-9	5-6
	2-#6	10-3	10-0	9-9	9-6	9-3	9-3	9-0	8-9	8-6	8-6	8-0	7-9	7-6	7-0	6-9
	Center distance A ⁽⁹⁾	3-3	2-9	2-3	2-0	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-6	4-3	4-3	4-0	3-9	3-6	3-3	3-0	2-9	2-6	SR	SR	SR	SR	SR
	1-#4	5-6	5-3	5-3	5-0	4-9	4-6	4-6	4-3	4-0	4-0	3-9	3-6	3-3	3-0	2-9
	1-#5	7-0	6-9	6-6	6-3	6-3	6-0	5-9	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0
	2-#4 1-#6	8-0	7-9	7-6	7-3	7-3	7-0	6-9	6-6	6-6	6-3	6-0	5-6	5-3	5-0	4-9
	2-#5	10-0	9-9	9-6	9-3	9-0	8-9	8-9	8-6	8-3	8-0	7-9	7-6	7-0	6-9	6-6
	2-#6	11-9	11-6	11-3	11-0	10-9	10-9	10-6	10-3	10-0	10-0	9-6	9-3	8-9	8-6	8-3
	Center distance A ⁽⁹⁾	4-3	4-0	3-6	3-0	2-6	2-0	1-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-9	5-6	5-3	5-0	4-9	4-6	4-3	4-0	3-9	3-9	3-3	SR	SR	SR	SR
	1-#4	6-3	6-0	5-9	5-6	5-6	5-3	5-0	4-9	4-9	4-6	4-3	4-0	3-9	3-6	3-3
	1-#5	7-9	7-6	7-3	7-3	7-0	6-9	6-6	6-6	6-3	6-0	5-9	5-6	5-3	5-0	4-9
	2-#4 1-#6	8-9	8-6	8-6	8-3	8-0	7-9	7-6	7-6	7-3	7-0	6-9	6-6	6-3	5-9	5-6
	2-#5	11-0	10-9	10-6	10-3	10-3	10-0	9-9	9-6	9-6	9-3	8-9	8-6	8-3	8-0	7-6
	2-#6	13-0	12-9	12-6	12-6	12-3	12-0	11-9	11-6	11-6	11-3	10-9	10-6	10-3	9-9	9-6
	Center distance A ⁽⁹⁾	5-6	5-0	4-6	4-0	3-9	3-3	2-9	2-3	1-9	1-6	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A25: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 6 LOADS WITH LIGHT FRAME GABLE (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-6	4-9	4-0	3-6	3-3	2-9	2-6	2-3	2-0	2-0	1-6	1-6	1-3	1-0	1-0
	1-#5	6-9	6-0	5-3	4-9	4-3	3-9	3-6	3-3	3-0	2-9	2-3	2-0	1-9	1-6	1-6
	2-#4 1-#6	7-6	6-9	6-0	5-3	4-9	4-6	4-0	3-9	3-6	3-3	2-9	2-3	2-0	2-0	1-9
	2-#5	8-6	7-9	7-0	6-3	5-9	5-3	4-9	4-6	4-3	3-9	3-3	3-0	2-6	2-3	2-3
	2-#6	11-0	10-3	9-6	8-9	8-0	7-6	7-0	6-6	6-3	5-9	5-3	4-6	4-3	3-9	3-6
	Center distance A ⁽⁹⁾	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	3-6	2-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-9	7-0	6-3	5-6	5-0	4-9	4-3	4-0	3-6	3-3	3-0	2-6	2-3	2-0	1-9
	1-#5	9-6	8-9	8-0	7-3	6-9	6-3	5-9	5-6	5-0	4-9	4-0	3-9	3-3	3-0	2-9
	2-#4 1-#6	10-9	10-0	9-3	8-6	8-0	7-3	6-9	6-6	6-0	5-6	5-0	4-6	4-3	3-9	3-6
	2-#5	12-9	12-0	11-3	10-6	10-0	9-3	8-9	8-3	7-9	7-3	6-6	6-6	6-0	5-6	5-0
	2-#6	14-6	13-6	12-9	12-0	11-6	10-9	10-3	9-9	9-3	8-9	8-0	8-3	7-6	7-0	6-6
	Center distance A ⁽⁹⁾	2-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-3	4-3	3-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-3	8-6	7-9	7-3	6-9	6-3	5-9	5-3	5-0	4-6	4-0	3-6	3-3	3-0	2-9
	1-#5	11-6	10-9	10-0	9-6	8-9	8-3	7-9	7-3	6-9	6-6	5-9	5-3	4-9	4-3	4-0
	2-#4 1-#6	13-3	12-3	11-6	11-0	10-3	9-9	9-0	8-6	8-3	7-9	7-0	6-3	5-9	5-3	4-9
	2-#5	16-0	15-3	14-6	13-9	13-0	12-6	11-9	11-3	10-9	10-3	9-3	8-6	7-9	7-3	6-9
	2-#6	18-0	17-6	16-9	16-0	15-6	14-9	14-0	13-6	13-0	12-6	11-6	10-6	9-9	9-0	8-6
	Center distance A ⁽⁹⁾	4-3	2-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	6-9	6-0	5-3	4-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	10-9	10-0	9-3	8-6	8-0	7-6	7-0	6-6	6-0	5-9	5-0	4-6	4-3	3-9	3-6
	1-#5	13-3	12-6	11-9	11-3	10-6	10-0	9-6	9-0	8-6	8-0	7-3	6-6	6-0	5-6	5-0
	2-#4 1-#6	15-3	14-3	13-6	13-0	12-3	11-9	11-0	10-6	10-0	9-6	8-9	8-0	7-3	6-9	6-3
	2-#5	18-0	17-9	17-0	16-3	15-6	15-0	14-3	13-9	13-3	12-9	11-9	10-9	10-0	9-3	8-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-6	16-0	15-6	14-6	13-6	12-6	11-9	11-0
	Center distance A ⁽⁸⁾	6-0	4-3	2-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	8-6	7-6	6-9	6-0	5-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	11-9	11-0	10-6	9-9	9-3	8-6	8-0	7-6	7-3	6-9	6-0	5-6	5-0	4-6	4-3
	1-#5	14-9	14-0	13-3	12-9	12-0	11-6	10-9	10-3	9-9	9-3	8-6	7-9	7-3	6-6	6-0
	2-#4 1-#6	16-9	16-0	15-3	14-9	14-0	13-3	12-9	12-3	11-9	11-3	10-3	9-6	8-9	8-0	7-6
	2-#5	18-0	18-0	18-0	18-0	17-9	17-3	16-6	16-0	15-3	14-9	13-9	12-9	12-0	11-3	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	16-0	15-0	14-3	13-6
	Center distance A ⁽⁹⁾	7-6	6-0	4-3	2-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES

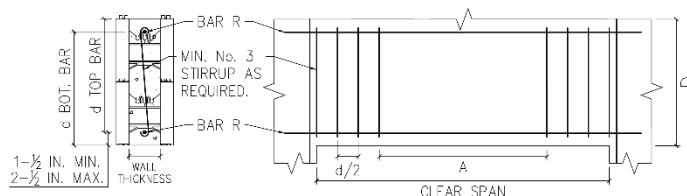
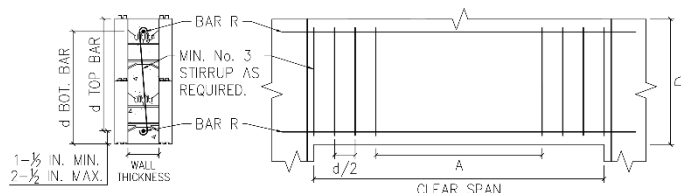


Table A26: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 6 & 6.5-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING CONDITION CASE 6 LOADS WITH LIGHT FRAME GABLE (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾.

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	2-9	2-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-6	4-9	4-3	3-9	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-6	1-3	1-3	1-0
	1-#5	7-0	6-3	5-6	5-0	4-6	4-0	3-9	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-6
	2-#4 1-#6	7-9	7-0	6-3	5-9	5-3	4-9	4-3	4-0	3-9	3-6	3-0	2-6	2-3	2-0	2-0
	2-#5	9-3	8-6	7-9	7-3	6-6	6-0	5-9	5-3	4-9	4-6	4-0	3-6	3-3	2-9	2-6
	2-#6	11-0	10-3	9-6	8-9	7-6	7-6	7-0	6-6	6-3	5-9	5-3	4-6	4-3	3-9	3-6
	Center distance A ⁽⁹⁾	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-6	4-6	3-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-9	7-0	6-3	5-9	5-3	4-9	4-3	4-0	3-9	3-6	3-0	2-6	2-3	2-0	1-9
	1-#5	9-6	8-9	8-0	7-6	7-0	6-6	6-0	5-6	5-3	4-9	4-3	3-9	3-6	3-0	2-9
	2-#4 1-#6	10-9	10-0	9-3	8-9	8-0	7-6	7-0	6-9	6-3	5-9	5-3	4-9	4-3	3-9	3-6
	2-#5	13-3	12-6	11-9	11-0	10-6	9-9	9-3	8-9	8-3	7-9	7-0	6-6	6-0	5-6	5-0
	2-#6	15-3	14-6	13-9	13-0	12-6	11-9	11-3	10-9	10-3	9-9	8-9	8-0	7-6	6-9	6-3
	Center distance A ⁽⁹⁾	4-6	2-9	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	8-0	7-0	6-3	5-3	4-6	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-3	8-6	7-9	7-3	6-9	6-3	5-9	5-3	5-0	4-9	4-0	3-9	3-3	3-0	2-9
	1-#5	11-6	10-9	10-0	9-6	8-9	8-3	7-9	7-3	7-0	6-6	5-9	5-3	4-9	4-3	4-0
	2-#4 1-#6	13-3	12-3	11-9	11-0	10-3	9-9	9-3	8-9	8-3	7-9	7-0	6-6	6-0	5-6	5-0
	2-#5	16-3	15-6	14-9	14-0	13-3	12-9	12-3	11-6	11-0	10-6	9-9	9-0	8-3	7-6	7-0
	2-#6	18-0	18-0	17-6	16-9	16-0	15-3	14-9	14-3	13-6	13-0	12-0	11-3	10-6	9-9	9-0
	Center distance A ⁽⁹⁾	7-0	5-3	3-9	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	10-3	9-3	8-6	7-9	7-0	6-0	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	10-6	9-9	9-0	8-6	8-0	7-6	7-0	6-6	6-0	5-9	5-0	4-6	4-3	3-9	3-6
	1-#5	13-3	12-6	11-9	11-0	10-6	10-0	9-3	9-0	8-6	8-0	7-3	6-6	6-0	5-6	5-0
	2-#4 1-#6	15-0	14-3	13-6	12-9	12-3	11-6	11-0	10-6	10-0	9-6	8-9	8-0	7-6	6-9	6-3
	2-#5	18-0	17-9	17-0	16-6	15-9	15-0	14-6	14-0	13-3	12-9	12-0	11-0	10-3	9-6	9-0
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-9	17-0	16-6	16-0	15-0	14-0	13-0	12-3	11-6
	Center distance A ⁽⁹⁾	9-3	7-9	6-0	4-6	2-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	12-3	11-6	10-9	10-0	9-3	8-6	7-6	6-9	SR	SR	SR	SR	SR	SR	SR
	1-#4	11-6	10-9	10-3	9-6	9-0	8-6	8-0	7-6	7-0	6-9	6-0	5-6	5-0	4-6	4-3
	1-#5	14-6	13-9	13-3	12-6	11-9	11-3	10-9	10-3	9-9	9-3	8-6	7-9	7-3	6-9	6-3
	2-#4 1-#6	16-6	15-9	15-0	14-6	13-9	13-3	12-9	12-0	11-6	11-3	10-3	9-6	8-9	8-3	7-6
	2-#5	18-0	18-0	18-0	18-0	17-9	17-0	16-6	16-0	15-3	14-9	13-9	13-0	12-3	11-6	10-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-3	16-3	15-6	14-6	13-9
	Center distance A ⁽⁹⁾	11-6	10-0	8-6	6-9	5-3	3-9	2-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

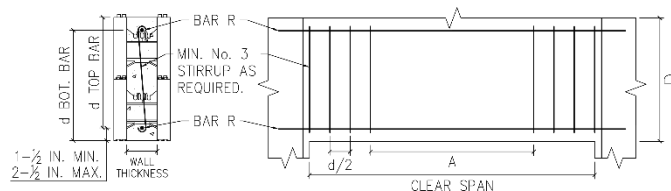
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A27: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 8-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 6 LOADS WITH LIGHT FRAME GABLE (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	4-0	3-0	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-6	4-9	4-3	3-9	3-3	3-0	2-6	2-3	2-3	2-0	1-9	1-6	1-3	1-0	1-0
	1-#5	7-0	6-3	5-6	5-0	4-6	4-0	3-9	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-6
	2-#4 1-#6	8-0	7-3	6-6	5-9	5-3	4-9	4-6	4-0	3-9	3-6	3-0	2-9	2-3	2-0	2-0
	2-#5	9-6	8-9	8-0	7-6	6-9	6-3	5-9	5-6	5-0	4-9	4-3	3-9	3-3	3-0	2-9
	2-#6	11-0	10-3	9-6	8-9	8-0	7-6	7-0	6-6	6-3	5-9	5-3	4-6	4-3	3-9	3-6
	Center distance A ⁽⁹⁾	3-0	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	7-3	6-6	5-6	4-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-6	6-9	6-3	5-6	5-0	4-6	4-3	4-0	3-6	3-3	3-0	2-6	2-3	2-0	1-9
	1-#5	9-6	8-9	8-0	7-6	6-9	6-3	5-9	5-6	5-0	4-9	4-3	3-9	3-3	3-0	2-9
	2-#4 1-#6	10-9	10-0	9-3	8-9	8-0	7-6	7-0	6-6	6-3	5-9	5-3	4-6	4-3	3-9	3-6
	2-#5	13-3	12-6	11-9	11-3	10-6	10-0	9-3	8-9	8-3	8-0	7-3	6-6	6-0	5-6	5-0
	2-#6	15-9	14-9	14-0	13-3	12-9	12-0	11-6	11-0	10-6	10-0	9-0	8-3	7-6	7-0	6-6
	Center distance A ⁽⁹⁾	6-6	4-9	3-0	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	10-3	9-6	8-9	7-9	7-0	6-3	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-0	8-3	7-9	7-0	6-6	6-0	5-6	5-3	4-9	4-6	4-0	3-6	3-3	2-9	2-6
	1-#5	11-6	10-9	10-0	9-3	8-9	8-3	7-9	7-3	6-9	6-6	5-9	5-3	4-9	4-3	4-0
	2-#4 1-#6	13-0	12-3	11-6	10-9	10-3	9-9	9-0	8-6	8-3	7-9	7-0	6-3	5-9	5-3	5-0
	2-#5	16-0	15-3	14-6	14-0	13-3	12-6	12-0	11-6	11-0	10-6	9-6	8-9	8-3	7-6	7-0
	2-#6	18-0	18-0	17-6	16-9	16-0	15-6	14-9	14-3	13-9	13-0	12-3	11-3	10-6	9-9	9-3
	Center distance A ⁽⁹⁾	9-6	7-9	6-3	4-6	2-9	1-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	13-3	12-3	11-6	10-9	10-0	9-3	8-3	7-6	SR	SR	SR	SR	SR	SR	SR
	1-#4	10-3	9-6	8-9	8-3	7-9	7-3	6-9	6-3	6-0	5-6	5-0	4-6	4-0	3-9	3-3
	1-#5	13-0	12-3	11-6	10-9	10-3	9-9	9-3	8-9	8-3	7-9	7-0	6-6	6-0	5-6	5-0
	2-#4 1-#6	14-9	14-0	13-3	12-6	12-0	11-6	10-9	10-3	9-9	9-6	8-6	7-9	7-3	6-9	6-3
	2-#5	18-0	17-6	16-9	16-3	15-6	14-9	14-3	13-9	13-3	12-9	11-9	11-0	10-0	9-6	8-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-6	17-0	16-3	15-9	14-9	13-9	13-0	12-3	11-6
	Center distance A ⁽⁹⁾	12-3	10-9	9-3	7-6	6-0	4-3	2-9	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	15-9	15-0	14-3	13-6	12-9	12-0	11-0	10-3	9-6	8-9	SR	SR	SR	SR	SR
	1-#4	11-3	10-6	10-0	9-3	8-9	8-3	7-9	7-3	7-0	6-6	6-0	5-3	4-9	4-6	4-0
	1-#5	14-3	13-6	12-9	12-3	11-6	11-0	10-6	10-0	9-6	9-0	8-3	7-6	7-0	6-6	6-0
	2-#4 1-#6	16-3	15-6	14-9	14-0	13-6	13-0	12-3	11-9	11-3	10-9	10-0	9-3	8-6	8-0	7-6
	2-#5	18-0	18-0	18-0	18-0	17-3	16-9	16-3	15-6	15-0	14-6	13-6	12-9	12-0	11-3	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	16-0	15-3	14-3	13-6
	Center distance A ⁽⁹⁾	15-0	13-6	12-0	10-3	8-9	7-3	5-9	4-3	2-6	1-0	0-0	0-0	0-0	0-0	0-0

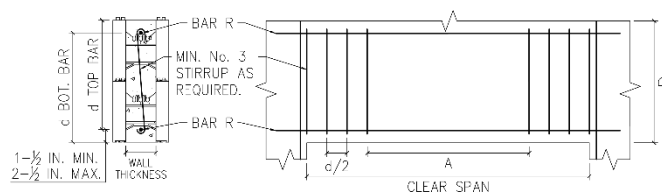
SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES



**Table A28: SUPERFORM ICF MAXIMUM ALLOWABLE CLEAR SPANS FOR 10-INCH LINTELS SUPPORTING POINT LOADS AND DESIGN LOADING
CONDITION CASE 6 LOADS WITH LIGHT FRAME GABLE (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁵⁾⁽⁶⁾⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾**

LINTEL DEPTH, D (inches)	LINTEL TOP & BOTTOM BAR, R (QUANTITY-SIZE) ⁽⁷⁾⁽¹²⁾	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored Point Load) ⁽³⁾⁽⁴⁾														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	5-3	4-3	3-3	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	5-6	4-9	4-3	3-9	3-3	3-0	2-9	2-6	2-3	2-0	1-9	1-6	1-3	1-3	1-0
	1-#5	7-0	6-3	5-6	5-0	4-6	4-0	3-9	3-6	3-3	3-0	2-6	2-3	2-0	1-9	1-6
	2-#4 1-#6	8-0	7-3	6-6	6-0	5-6	5-0	4-6	4-3	3-9	3-6	3-0	2-9	2-6	2-3	2-0
	2-#5	9-9	9-0	8-3	7-9	7-0	6-6	6-0	5-9	5-3	5-0	4-3	3-9	3-6	3-3	2-9
	2-#6	11-3	10-6	9-9	9-0	8-6	8-0	7-6	7-0	6-6	6-3	5-6	5-0	4-6	4-0	3-9
	Center distance A ⁽⁹⁾	4-3	2-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
12	Span without stirrups ⁽⁸⁾⁽¹⁰⁾	9-0	8-3	7-6	6-6	5-9	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
	1-#4	7-6	6-9	6-0	5-6	5-0	4-6	4-3	4-0	3-6	3-3	3-0	2-6	2-3	2-0	1-9
	1-#5	9-6	8-9	8-0	7-6	6-9	6-3	6-0	5-6	5-0	4-9	4-3	3-9	3-6	3-0	2-9
	2-#4 1-#6	10-9	10-0	9-3	8-9	8-0	7-6	7-0	6-6	6-3	5-9	5-3	4-9	4-3	3-9	3-6
	2-#5	13-3	12-6	11-9	11-3	10-6	10-0	9-6	9-0	8-6	8-0	7-3	6-6	6-0	5-6	5-0
	2-#6	15-9	15-0	14-3	13-6	12-9	12-3	11-9	11-0	10-6	10-0	9-3	8-6	7-9	7-3	6-9
	Center distance A ⁽⁹⁾	8-3	6-6	4-9	3-3	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
16	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	12-9	11-9	11-0	10-3	9-6	8-9	7-9	7-0	SR	SR	SR	SR	SR	SR	SR
	1-#4	9-0	8-3	7-6	7-0	6-6	6-0	5-6	5-3	4-9	4-6	4-0	3-6	3-3	2-9	2-6
	1-#5	11-3	10-6	9-9	9-3	8-6	8-0	7-6	7-3	6-9	6-6	5-9	5-3	4-9	4-3	4-0
	2-#4 1-#6	12-9	12-0	11-3	10-9	10-3	9-6	9-0	8-6	8-3	7-9	7-0	6-3	5-9	5-3	5-0
	2-#5	16-0	15-3	14-6	13-9	13-3	12-6	12-0	11-6	11-0	10-6	9-9	9-0	8-3	7-6	7-0
	2-#6	18-0	18-0	17-6	16-9	16-0	15-6	14-9	14-3	13-9	13-3	12-3	11-3	10-6	10-0	9-3
	Center distance A ⁽⁹⁾	11-9	10-3	8-9	7-0	5-6	3-9	2-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
20	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	16-0	15-0	14-3	13-6	12-9	12-0	11-3	10-6	9-9	9-0	SR	SR	SR	SR	SR
	1-#4	10-0	9-3	8-9	8-3	7-6	7-0	6-9	6-3	6-0	5-6	5-0	4-6	4-0	3-9	3-3
	1-#5	12-9	12-0	11-3	10-9	10-0	9-6	9-0	8-6	8-3	7-9	7-0	6-6	5-9	5-6	5-0
	2-#4 1-#6	14-6	13-9	13-0	12-6	11-9	11-3	10-9	10-3	9-9	9-3	8-6	7-9	7-3	6-9	6-3
	2-#5	18-0	17-3	16-6	16-0	15-3	14-9	14-3	13-6	13-0	12-6	11-9	10-9	10-0	9-6	8-9
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	17-6	16-9	16-3	15-9	14-9	13-9	13-0	12-3	11-6
	Center distance A ⁽⁹⁾	15-0	13-6	12-0	10-6	9-0	7-6	6-0	4-6	2-9	1-3	0-0	0-0	0-0	0-0	0-0
24	Max span without stirrups ⁽⁸⁾⁽¹⁰⁾	18-0	18-0	17-3	16-6	16-0	15-3	14-6	13-9	13-0	12-3	10-9	SR	SR	SR	SR
	1-#4	11-0	10-3	9-9	9-3	8-6	8-0	7-9	7-3	6-9	6-6	5-9	5-3	4-9	4-6	4-0
	1-#5	13-9	13-3	12-6	12-0	11-3	10-9	10-3	9-9	9-3	9-0	8-3	7-6	7-0	6-6	6-0
	2-#4 1-#6	15-9	15-0	14-6	13-9	13-3	12-9	12-3	11-9	11-3	10-9	10-0	9-3	8-6	8-0	7-6
	2-#5	18-0	18-0	18-0	17-9	17-0	16-6	16-0	15-3	14-9	14-3	13-6	12-6	11-9	11-0	10-6
	2-#6	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	17-0	16-0	15-0	14-3	13-6
	Center distance A ⁽⁹⁾	18-0	16-6	15-3	13-9	12-3	10-9	9-3	7-9	6-3	5-0	2-0	0-0	0-0	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 45 FOR REFERENCED SUPERScript TABLE NOTES





A.2 SUPERFORM FOUNDATION WALLS IN SEISMIC DESIGN CATEGORY D IBC AND ACI 318 APPLICATIONS

A.2.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED FOUNDATION WALLS IN SEISMIC DESIGN CATEGORY D IBC AND ACI 318 APPLICATIONS Table A29 to Table A32

FOR USE WHEN BUILDING DESIGN CONDITIONS ARE BEYOND IBC AND IRC LIMITS AND REQUIRE ENGINEERED DESIGN. REINFORCING SCHEDULE FOR ESTIMATING PURPOSES ONLY.

1. This table has been prepared in accordance with design calculations per ACI 318-19, following minimum reinforcing area and spacing rules optimized for the Superform ICF system, using loading conditions as provided in the tables and note 7.
2. Boxes with “DR” indicates reinforcement is not possible within the scope of this guide and engineered design is require.
3. Table is to be used in conjunction with “SUPERFORM PRODUCTS LTD. INSULATED CONCRETE FORM (ICF) USA STRUCTURAL GUIDE” and drawings 6080-SK1-Sheets 1 to 3.
4. Interpolation is not permitted.
5. Seismic loading conditions have not been considered for backfill heights of 6 feet and less as per IBC Section 1807.2.2.
6. Where seismic loading conditions have been considered for backfill heights over 6 feet, the dynamic seismic lateral earth pressure load effects is an assumed horizontal resultant force equal to $36 \cdot H^2$ lb/ft-width, which is added on to the at-rest backfill pressure; where H is equal to the height of unbalanced backfill in feet applied at a location equal to $0.5 \cdot H$; where $PGA = 0.6g$, soil density= 120 pcf, and load factor 1.0E is applied to all soil lateral loads.
7. The maximum allowable site-specific peak ground acceleration (PGA) permitted for use of this table is equal to 0.6g.
8. A geotechnical investigation is required in Seismic Category F in accordance with IBC 1803.5.12 to determine the horizontal backfill seismic pressure to specify in design by IBC 1807.2.2 and ACI 318-19 Section 26.2(b). Where Seismic loading conditions does not fit into provided loading scenarios this table, the actual values received from the investigation must be used to perform calculations per ACI 318-19 to determine the required reinforcing
9. Minimum concrete 28-day compressive strength of 3000 psi; reinforcing steel bar yield strength of 60,000 psi.
10. Design lateral soil load pressures as defined in IBC Table 1610.1. Per IBC 1610.1, foundation walls extending not more than 8 feet below grade are designed for active pressures. The rest of the foundation wall heights use the passive pressure loads in IBC table 1610.1.
11. Allowable deflection is $L/240$, where L is the unsupported height of the foundation wall.
12. Where the walls retain 4 feet of more of unbalanced backfill, they shall be laterally supported at the top and bottom before backfilling.
13. Vertical reinforcement is to be places as shown on the applicable foundation detail drawing with the cover shown, with a minimum cover of $\frac{3}{4}$ ” from the inside face of the ICF.
14. Foundation walls extending not more than 8 feet below grade shall be laterally supported at the top by flexible diaphragms



Table A29: MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6-INCH & 6.5-INCH ICF CONCRETE FOUNDATION WALLS 5 TO 8 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁸⁾⁽⁹⁾

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) ⁽¹²⁾⁽¹⁵⁾	MAXIMUM UNBALANCED WALL HEIGHT (feet) ⁽⁶⁾⁽⁷⁾⁽¹³⁾	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) ⁽¹⁰⁾⁽¹⁴⁾								
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) ⁽¹¹⁾								
		GW, GP, SW, SP 30 psf			GM, GC, SM, SM-SC, ML 45 psf			SC, ML-CL, INORG CL 60 psf		
		Bar Size			Bar Size			Bar Size		
		No. 4	No. 5	No. 6	No. 4	No. 5	No. 6	No. 4	No. 5	No. 6
5	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
6	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
	6	18	18	18	18	18	18	18	18	18
7	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
	6	18	18	18	18	18	18	18	18	18
	7	12	18	18	12	18	18	12	18	18
8	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
	6	18	18	18	18	18	18	18	18	18
	7	12	18	18	12	18	18	12	18	18
	8	6	12	18	6	12	18	6	12	18

SEE A.2.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED FOUNDATION WALLS IN SEISMIC DESIGN CATEGORY D IBC AND ACI 318 APPLICATIONS
Table A29 to Table A32 ON PAGE 73 FOR REFERENCED SUPERScript TABLE NOTES

Table A30: MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6-INCH & 6.5-INCH ICF CONCRETE FOUNDATION WALLS 9 TO 10 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁸⁾⁽⁹⁾

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) ⁽¹²⁾⁽¹⁵⁾	MAXIMUM UNBALANCED WALL HEIGHT (feet) ⁽⁶⁾⁽⁷⁾⁽¹³⁾	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) ⁽¹⁰⁾⁽¹⁴⁾					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) ⁽¹¹⁾					
		GW, GP, SW, SP, GM, GC, SM 60 psf			SM-SC, ML, SC, ML-CL, INORG CL 100 psf		
		Bar Size			Bar Size		
		No. 4	No. 5	No. 6	No. 4	No. 5	No. 6
9	4	18	18	18	18	18	18
	5	18	18	18	18	18	18
	6	18	18	18	18	18	18
	7	6	12	18	6	12	18
	8	6	12	12	6	6	12
	9	DR	6	12	DR	6	6
10	4	18	18	18	18	18	18
	5	18	18	18	18	18	18
	6	18	18	18	12	18	18
	7	6	12	18	6	12	12
	8	6	6	12	DR	6	12
	9	DR	6	12	DR	6	6
	10	DR	6	6	DR	DR	6

SEE A.2.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED FOUNDATION WALLS IN SEISMIC DESIGN CATEGORY D IBC AND ACI 318 APPLICATIONS
Table A29 to Table A32 ON PAGE 73 FOR REFERENCED SUPERScript TABLE NOTES



Table A31: MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 8-INCH ICF CONCRETE FOUNDATION WALLS 5 TO 8 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁸⁾⁽⁹⁾

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) ⁽¹²⁾⁽¹⁵⁾	MAXIMUM UNBALANCED WALL HEIGHT (feet) ⁽⁶⁾⁽⁷⁾⁽¹³⁾	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) ⁽¹⁰⁾⁽¹⁴⁾								
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) ⁽¹¹⁾								
		GW, GP, SW, SP 30 psf			GM, GC, SM, SM-SC, ML 45 psf			SC, ML-CL, INORG CL 60 psf		
		Bar Size			Bar Size			Bar Size		
		No. 4	No. 5	No. 6	No. 4	No. 5	No. 6	No. 4	No. 5	No. 6
5	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
6	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
	6	18	18	18	18	18	18	18	18	18
7	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
	6	18	18	18	18	18	18	18	18	18
	7	18	18	18	18	18	18	18	18	18
8	4	18	18	18	18	18	18	18	18	18
	5	18	18	18	18	18	18	18	18	18
	6	18	18	18	18	18	18	18	18	18
	7	18	18	18	18	18	18	12	18	18
	8	12	18	18	12	18	18	12	18	18

SEE A.2.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED FOUNDATION WALLS IN SEISMIC DESIGN CATEGORY D IBC AND ACI 318 APPLICATIONS Table A29 to Table A32 ON PAGE 73 FOR REFERENCED SUPERScript TABLE NOTES

Table A32: MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 8-INCH ICF CONCRETE FOUNDATION WALLS 9 TO 10 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁸⁾⁽⁹⁾

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) ⁽¹²⁾⁽¹⁵⁾	MAXIMUM UNBALANCED WALL HEIGHT (feet) ⁽⁶⁾⁽⁷⁾⁽¹³⁾	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) ⁽¹⁰⁾⁽¹⁴⁾					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) ⁽¹¹⁾					
		GW, GP, SW, SP, GM, GC, SM 60 psf			SM-SC, ML, SC, ML-CL, INORG CL 100 psf		
		Bar Size			Bar Size		
		No. 4	No. 5	No. 6	No. 4	No. 5	No. 6
9	4	18	18	18	18	18	18
	5	18	18	18	18	18	18
	6	18	18	18	18	18	18
	7	12	18	18	12	18	18
	8	12	12	18	6	12	18
	9	6	12	18	6	12	12
10	4	18	18	18	18	18	18
	5	18	18	18	18	18	18
	6	18	18	18	18	18	18
	7	12	18	18	12	18	18
	8	6	12	18	6	12	18
	9	6	12	12	6	6	12
	10	DR	6	12	DR	6	12

SEE A.2.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED FOUNDATION WALLS IN SEISMIC DESIGN CATEGORY D IBC AND ACI 318 APPLICATIONS Table A29 to Table A32 ON PAGE 73 FOR REFERENCED SUPERScript TABLE NOTES



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