



USA STRUCTURAL GUIDE





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

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For	SuperForm ICF
Address	1065 Willow Street, Pincher Creek, AB T0K 1W0

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### **Subject**

**SuperForm Products Ltd. Insulated Concrete Forms (ICF)**

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### **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 (D<sub>0</sub>, D<sub>1</sub>, D<sub>2</sub>). 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 2025-12-31. 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.

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**Signed**

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

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

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Issue 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 2021 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/ft<sup>3</sup>.

### 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 <sub>ult</sub> up to 160 mph	
	Exposure Category C: V <sub>ult</sub> up to 136 mph	
	Exposure Category D: V <sub>ult</sub> up to 127 mph	
	Risk Category: II	



<b>Seismic</b>	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 to Table 5

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 5880-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 minimum 36 inches vertical reinforcing spacing and minimum 24 inches horizontal reinforcing spacing where spacing is indicated as “NR” or higher than these values.
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 <sup>(6)</sup>	
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 solty soils, elastic silts
MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts

SEE 4.1 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 5 ON PAGE 11 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 <sup>(5)</sup>
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 10 feet	No. 4 bar spaced at maximum 24 inches on centre, one bar within 12 inches of the top of the wall story, minimum three (3) bars.

SEE 4.1 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 5 ON PAGE 11 FOR REFERENCED SUPERScript TABLE NOTES



**Table 3 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6-INCH & 6.5-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS<sup>(1)(2)(3)(4)(11)(14)(15)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(5)(7)(8)(9)(10)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(6)</sup>					
		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. 4	No. 5	No. 4	No. 5
5	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
6	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	48	48
	6	NR	NR	48	48	36	48
7	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	48	48
	6	NR	NR	42	48	30	48
	7	48	48	30	48	24	36
8	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	42	48
	6	NR	NR	36	48	30	42
	7	42	48	24	42	18	30
	8	30	48	18	30	12	24
9	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	48	48	42	48
	6	48	48	36	48	24	36
	7	36	48	24	36	18	24
	8	24	42	18	24	12	18
	9	18	30	12	18	12	12
10	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	48	48	36	48
	6	48	48	30	48	24	36
	7	36	48	24	36	18	24
	8	24	36	18	24	12	18
	9	18	30	12	18	6	12
	10	12	24	12	12	6	12

\*"NR" = NOT REQUIRED<sup>(7)</sup>; "DR" = DESIGN REQUIRED<sup>(9)</sup>; "-" = NOT RECOMMENDED<sup>(8)</sup>

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 to Table 5 ON PAGE 11 FOR REFERENCED SUPERScript TABLE NOTES



**Table 4 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 8-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS<sup>(1)(2)(3)(4)(11)(14)(15)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(5)(7)(8)(9)(10)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(6)</sup>					
		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. 4	No. 5	No. 4	No. 5
5	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
6	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
7	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
	7	NR	NR	NR	NR	30	48
8	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	42	48
	7	NR	NR	36	48	30	42
	8	NR	NR	30	42	18	30
9	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	36	48
	7	NR	NR	36	48	24	36
	8	36	48	24	36	18	30
	9	30	48	18	30	12	24
10	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	36	48
	7	NR	NR	30	48	24	36
	8	36	48	24	36	18	24
	9	24	42	18	30	12	18
	10	24	36	12	24	12	18

\*"NR" = NOT REQUIRED<sup>(7)</sup>; "DR" = DESIGN REQUIRED<sup>(9)</sup>; "-" = NOT RECOMMENDED<sup>(8)</sup>

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 to Table 5 ON PAGE 11 FOR REFERENCED SUPERScript TABLE NOTES



**Table 5 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 10-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY A – C**  
IRC APPLICATIONS<sup>(1)(2)(3)(4)(11)(14)(15)</sup>

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(5)(7)(8)(9)(10)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(6)</sup>					
		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. 4	No. 5	No. 4	No. 5
5	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
6	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
7	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
	7	NR	NR	NR	NR	NR	NR
8	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
	7	NR	NR	NR	NR	NR	NR
	8	NR	NR	NR	NR	30	42
9	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
	7	NR	NR	NR	NR	36	48
	8	NR	NR	36	48	24	36
	9	NR	NR	24	42	18	30
10	4	NR	NR	NR	NR	NR	NR
	5	NR	NR	NR	NR	NR	NR
	6	NR	NR	NR	NR	NR	NR
	7	NR	NR	NR	NR	30	48
	8	NR	NR	30	48	24	36
	9	NR	NR	24	36	18	24
	10	30	42	18	30	12	24

\*"NR" = NOT REQUIRED<sup>(7)</sup>; "DR" = DESIGN REQUIRED<sup>(9)</sup>; "-" = NOT RECOMMENDED<sup>(8)</sup>

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 to Table 5 ON PAGE 11 FOR REFERENCED SUPERScript TABLE NOTES

#### 4.2 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 6 to Table 8

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 Table 9 - Table 21 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 A29 to Table A34 of this guide instead.
4. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 5880-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 6 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6-INCH & 6.5-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY D IRC APPLICATIONS** <sup>(1)(2)(3)(4)(5)(11)(14)(15)(16)</sup>

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(6)(8)(9)(10)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(7)</sup>					
		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. 4	No. 5	No. 4	No. 5
5	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
6	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
7	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	12	18	12	18	12	18
8	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	12	18	12	18	12	18
	8	6	12	6	12	6	12
9	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	12	18	12	18	6	12
	8	6	12	6	12	6	12
	9	6	12	6	6	DR	6
10	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	12	18	6	12	6	12
	8	6	12	6	12	6	12
	9	6	6	DR	6	DR	6
	10	DR	6	DR	6	DR	6

\*"DR" = DESIGN REQUIRED<sup>(9)</sup>; "-" = NOT RECOMMENDED<sup>(8)</sup>

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 6 to Table 8 ON PAGE 16 FOR REFERENCED SUPERScript TABLE NOTES



**Table 7 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 8-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY D IRC APPLICATIONS** <sup>(1)(2)(3)(4)(5)(11)(14)(15)(16)</sup>

MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(6)(8)(9)(10)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(7)</sup>					
		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. 4	No. 5	No. 4	No. 5
5	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
6	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
7	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	18	24	18	24	18	24
8	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	18	24	18	24	12	24
	8	12	18	12	18	12	18
9	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	18	24	12	24	12	18
	8	12	18	12	18	12	12
	9	6	12	6	12	6	12
10	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	12	24	12	18	12	18
	8	12	18	12	12	6	12
	9	6	12	6	12	6	12
	10	6	12	6	6	6	6

\*"DR" = DESIGN REQUIRED<sup>(9)</sup>; "-" = NOT RECOMMENDED<sup>(8)</sup>

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 6 to Table 8 ON PAGE 16 FOR REFERENCED SUPERScript TABLE NOTES



**Table 8 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 10-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY D IRC APPLICATIONS** <sup>(1)(2)(3)(4)(5)(11)(14)(15)(16)</sup>

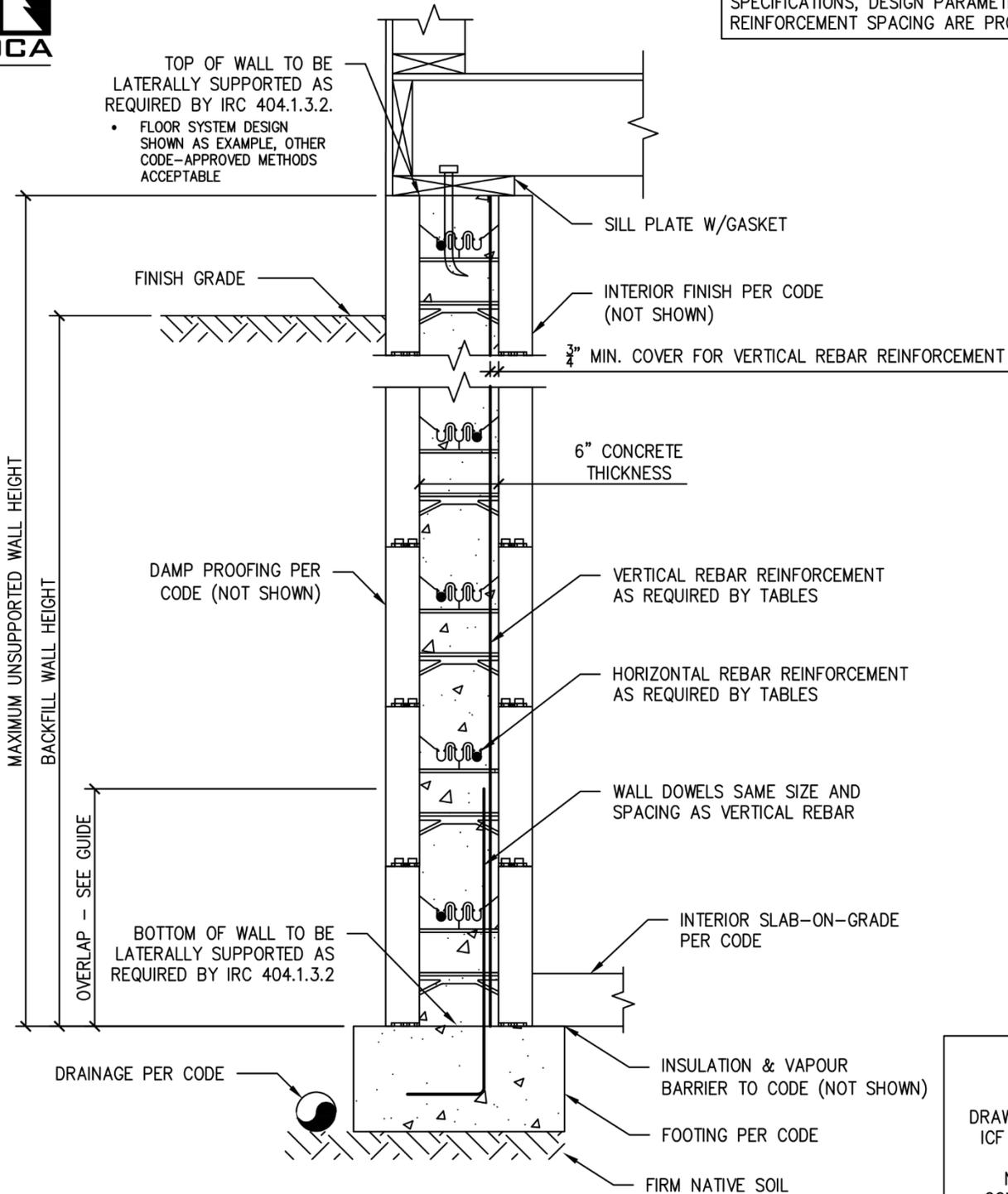
MAXIMUM UNSUPPORTED WALL HEIGHT (feet)	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(6)(8)(9)(10)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(7)</sup>					
		GW, GP, SW, SP 30 psf		GM, 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. 4	No. 5	No. 4	No. 5
5	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
6	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
7	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	24	24	24	24	24	24
8	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	24	24	18	24	18	24
	8	18	24	18	24	12	24
9	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	18	24	18	24	18	24
	8	12	24	12	24	12	18
	9	12	18	12	18	12	18
10	4	24	24	24	24	24	24
	5	24	24	24	24	24	24
	6	24	24	24	24	24	24
	7	18	24	18	24	18	24
	8	12	24	12	18	12	18
	9	12	18	12	12	6	12
	10	6	12	6	12	6	12

\*"DR" = DESIGN REQUIRED<sup>(9)</sup>; "-" = NOT RECOMMENDED<sup>(8)</sup>

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 6 to Table 8 ON PAGE 16 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

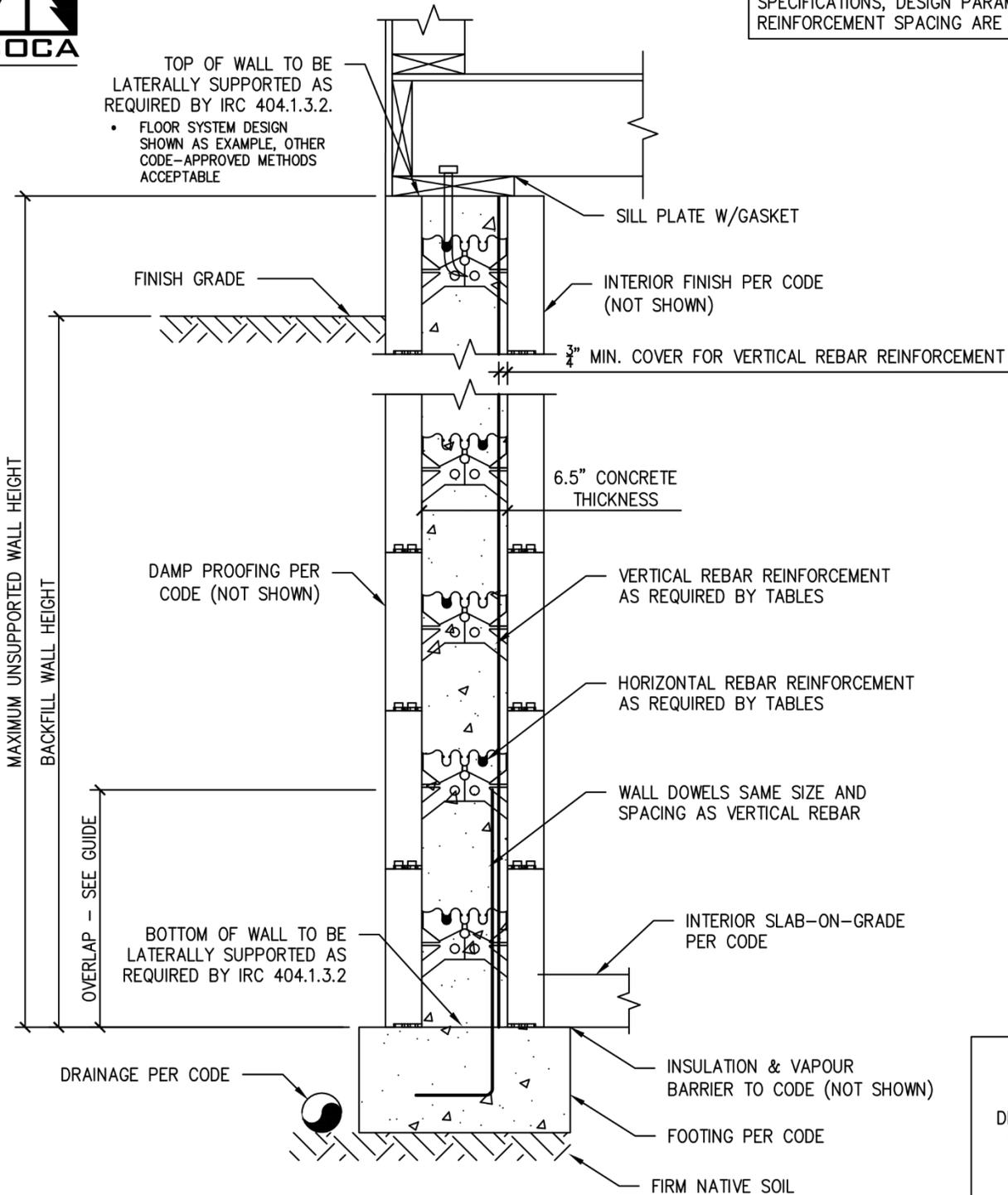
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CLIENT:	PROJECT:	TITLE:
SUPERFORM PRODUCTS LTD.	SUPERFORM ICF STRUCTURAL GUIDE	SUPERFORM 6-IN. ICF FOUNDATION WALL DETAIL

0	2024/12/31	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK1-1		DWG SHEET 1 OF 4	DES TH
DATE		DECEMBER 31, 2024	DRN JJ
			CHK CB



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 6.5-INCH ICF FOUNDATION WALL  
2 NOT-TO-SCALE

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

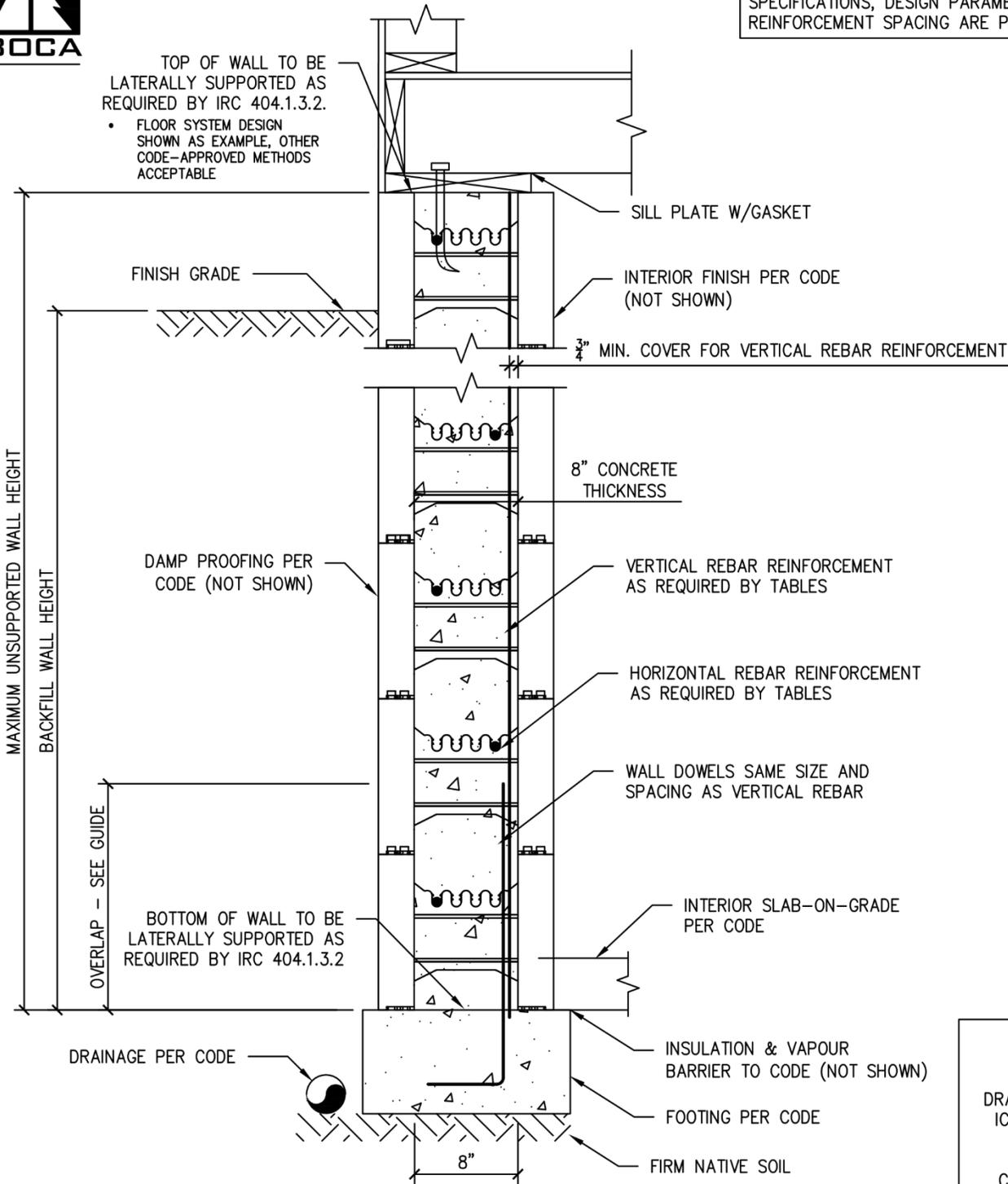
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REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK1-2		DWG SHEET 2 OF 4	DES TH
DATE		DECEMBER 31, 2024	DRN JJ
			CHK CB

CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM 6.5-IN. ICF FOUNDATION WALL DETAIL
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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  
NOT FOR USE AS CONSTRUCTION DESIGN DOCUMENTS

CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM 8-IN. ICF FOUNDATION WALL DETAIL
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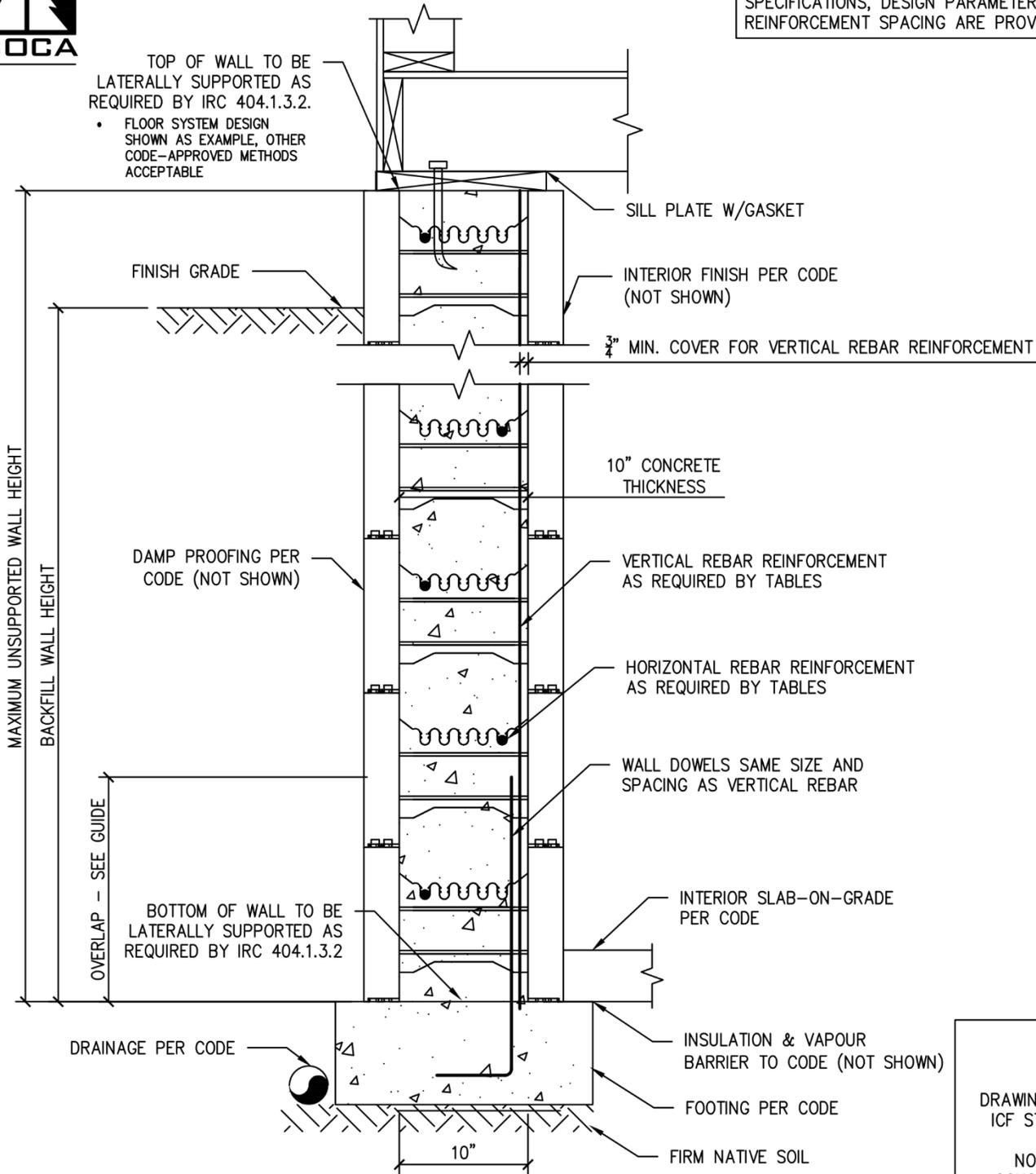
0	2024/12/31	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK1-3 DWG SHEET 3 OF 4			DES TH
DATE DECEMBER 31, 2024			DRN JJ
			CHK CB



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



(A) TYP. SUPERFORM 10-INCH ICF FOUNDATION WALL  
4 NOT-TO-SCALE

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

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0	2024/12/31	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK1-4		DWG SHEET 4 OF 4	DES TH
DATE DECEMBER 31, 2024			DRN JJ
			CHK CB

CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM 10-IN. ICF FOUNDATION WALL DETAIL
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## 5.0 Superform ICF Above-Grade Wall Design Tables

### 5.1 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE REINFORCING Table 9

- Tables are based on IRC Table R608.6(1).
- Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 5880-SK2-1 to 6 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
- Table is based on ASCE 7 Section 28.5 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.
- Concrete is to have a minimum concrete specified 28-day compressive strength of 2500 psi.
- 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).
- Interpolation is not permitted.
- “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.
- Minimum horizontal reinforcing of above grade walls is No. 4 bar spaced at maximum 24 inches, on centre.

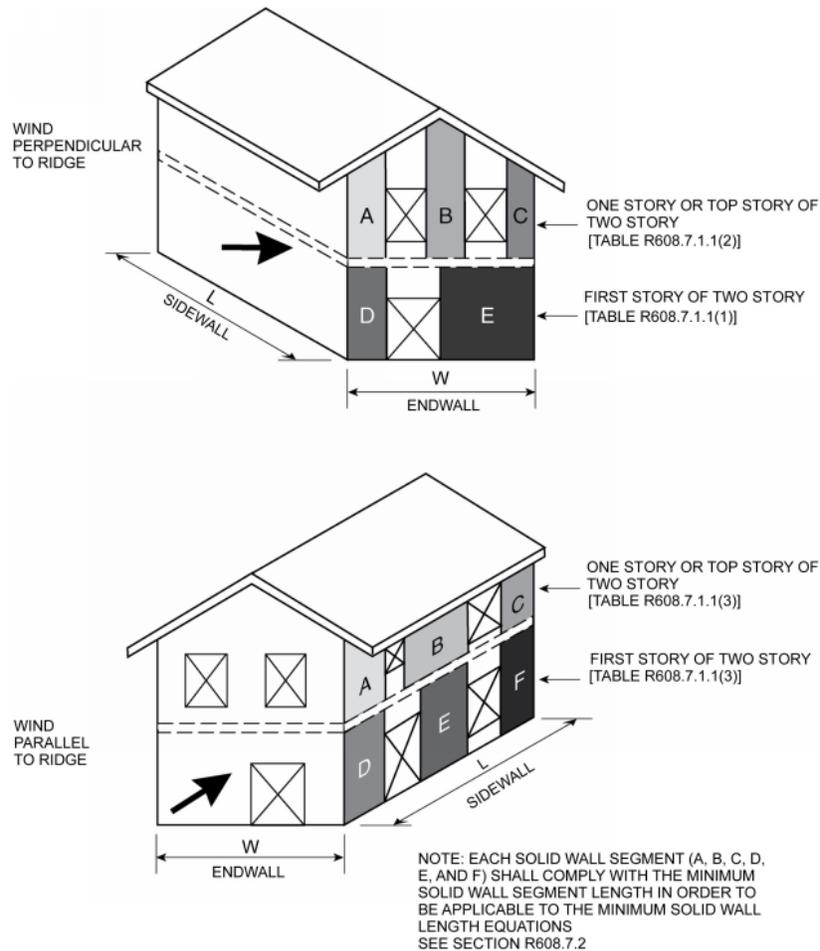
**Table 9 MINIMUM VERTICAL REINFORCEMENT SUPERFORM ICF CONCRETE ABOVE GRADE WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS<sup>(1)(2)(4)(6)(8)</sup>**

MAX WIND SPEED (mph) <sup>(3)</sup>			MAXIMUM WALL HEIGHT PER STORY (feet)	MINIMUM VERTICAL REINFORCEMENT BAR SIZE AND SPACING (inches) <sup>(5)</sup>							
				Nominal Wall Thickness (inches)							
Exposure Category				4-inch		6-inch/6.5-inch		8-inch		10-inch	
B	C	D	Top <sup>(7)</sup>	Side <sup>(7)</sup>	Top <sup>(7)</sup>	Side <sup>(7)</sup>	Top <sup>(7)</sup>	Side <sup>(7)</sup>	Top <sup>(7)</sup>	Side <sup>(7)</sup>	
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
			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
			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
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
			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
			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
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
			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
			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
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
			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
			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
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
			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
			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
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
			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
			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

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 9 ON PAGE 24 FOR REFERENCED SUPERScript TABLE NOTES

**5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21**

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 5880-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.



**Figure 5 IRC SOLID WALL TABLE LOADING CONDITION DIAGRAMS**



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

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4.5	5	5.5	6.5
	45	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4.5
		12:12	4.5	5	6	6.5	7.5	8.5
	60	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	5	5.5
		12:12	6	6.5	7.5	8.5	9.5	11
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4.5
		12:12	4	4	4.5	5.5	6	7
	30	< 5:12	4	4	4	4	4	4.5
		7:12	4	4	4	4.5	5.5	6
		12:12	5.5	6	7	8.5	9.5	11
	45	< 5:12	4	4	4	4.5	5	5.5
		7:12	4	4.5	5	6	6.5	7.5
		12:12	7.5	8.5	10	11.5	13	14.5
	60	< 5:12	4	4	4.5	5	6	6.5
		7:12	5	5.5	6	7	8	9
		12:12	9.5	10.5	12.5	14.5	16.5	18.5
60	15	< 5:12	4.5	4.5	4.5	4.5	5.5	6
		7:12	5	5	5.5	6.5	7.5	8
		12:12	6.5	7	8.5	9.5	11	12.5
	30	< 5:12	5.5	5.5	5.5	6.5	7	8
		7:12	6.5	6.5	7.5	8.5	9.5	11
		12:12	10	11	13	15	17	19.5
	45	< 5:12	6.5	6.5	7	8	9.5	10.5
		7:12	7.5	8	9.5	11	12.5	14
		12:12	14	15.5	18	21	24	27
	60	< 5:12	7.5	7.5	9	10	11.5	13
		7:12	9	10	11.5	13	15	17
		12:12	18	19.5	23	26.5	30.5	35

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



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

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	4	4.5	5.5
		12:12	4	4	4.5	5	6	7
	30	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	5	5.5	6.5
		12:12	5	5	6	7	8	9
	45	< 5:12	4.5	4.5	4.5	4.5	4.5	5
		7:12	4.5	4.5	5	5.5	6.5	7
		12:12	6	6.5	7.5	9	10	11.5
	60	< 5:12	6	6	6	6	6	6
		7:12	6	6	6	6.5	7	8
		12:12	7	8	9	10.5	12	13.5
30	15	< 5:12	5.5	5.5	6	7	8	9
		7:12	6	6	6.5	7.5	8.5	9.5
		12:12	6.5	7	8	9	10.5	12
	30	< 5:12	6	6	6	7	8	9
		7:12	6.5	6.5	7.5	8.5	10	11
		12:12	8.5	9	10.5	12	14	16
	45	< 5:12	6.5	6.5	6.5	7	8	9
		7:12	7.5	7.5	8.5	10	11	12.5
		12:12	10.5	11	13	15	17.5	20
	60	< 5:12	8	8	8	8	9	10.5
		7:12	8	8	9.5	11	12.5	14.5
		12:12	12.5	13.5	15.5	18	21	23.5
60	15	< 5:12	11	11	11	12.5	14.5	16.5
		7:12	11.5	11.5	12	14	16	18
		12:12	12.5	12.5	15	17	19.5	22.5
	30	< 5:12	12	12	12	12.5	14.5	16.5
		7:12	13	13	14	16	18.5	21
		12:12	15.5	16.5	19.5	22.5	26	29.5
	45	< 5:12	13	13	13	13.5	15.5	17.5
		7:12	14	14	16	18.5	21	24
		12:12	19.5	21	24.5	28.5	32.5	37
	60	< 5:12	14	14	14	16	18	20.5
		7:12	15.5	15.5	18	21	24	27.5
		12:12	23.5	25.5	30	34.5	39.5	45

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 12 SUPERFORM 4-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STOREY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4.5
	45	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	4.5	5.5	6
		12:12	4.5	5	5.5	6.5	7.5	8.5
	60	< 5:12	4	4.5	5.5	6	7	8
		7:12	5	5.5	6	7	8	9.5
		12:12	7	7.5	9	10.5	12	13.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5
	45	< 5:12	5	5	5	5	5	5.5
		7:12	5.5	5.5	5.5	5.5	5.5	6.5
		12:12	7.5	7.5	7.5	7.5	7.5	8.5
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	8.5
		7:12	8.5	8.5	8.5	8.5	8.5	9.5
		12:12	12	12	12	12	12	13.5
60	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4.5
	45	< 5:12	5.5	5.5	5.5	5.5	5.5	6
		7:12	5.5	5.5	5.5	5.5	6	6.5
		12:12	7.5	7.5	7.5	7.5	8	9
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	9
		7:12	8.5	8.5	8.5	8.5	9	10.5
		12:12	12	12	12	12	12.5	14.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 13 SUPERFORM 4-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4.5	5	6	6.5
		7:12	4	4	4.5	5	6	6.5
		12:12	4	4.5	5	6	7	7.5
	45	< 5:12	5.5	6	7	8	9	10.5
		7:12	5.5	6.5	7.5	8.5	9.5	11
		12:12	7	7.5	9	10	11.5	13
	60	< 5:12	8	8.5	10	11.5	13	14.5
		7:12	8	9	10.5	12	14	16
		12:12	10.5	11.5	13.5	15.5	17.5	20
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4.5
	30	< 5:12	6	6	6	6	6.5	7.5
		7:12	6.5	6.5	6.5	6.5	7	8
		12:12	7.5	7.5	7.5	7.5	8	9
	45	< 5:12	9.5	9.5	9.5	9.5	10	11.5
		7:12	10.5	10.5	10.5	10.5	11	12.5
		12:12	12.5	12.5	12.5	12.5	13	14.5
	60	< 5:12	14	14	14	14	14	16
		7:12	15	15	15	15	15	17.5
		12:12	18.5	18.5	18.5	18.5	18.5	21.5
60	15	< 5:12	6	6	6	6	6	6
		7:12	6	6	6	6	6	6
		12:12	6	6	6	6	6	6
	30	< 5:12	8	8	8	8	8	8
		7:12	8	8	8	8	8	8
		12:12	8	8	8	8	8	8
	45	< 5:12	10	10	10	10	10.5	12
		7:12	10.5	10.5	10.5	10.5	11.5	13
		12:12	12.5	12.5	12.5	12.5	13.5	15
	60	< 5:12	14	14	14	14	15	17
		7:12	15	15	15	15	16.5	18.5
		12:12	18.5	18.5	18.5	18.5	20	22.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 14 SUPERFORM 6-INCH & 6.5-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5
	45	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4.5	5.5	6	7
	60	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4.5
		12:12	4.5	5	6	6.5	7.5	8.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	5	5.5
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4.5	5
		12:12	4.5	5	5.5	6.5	7.5	8.5
	45	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	4.5	5.5	6
		12:12	6	6.5	8	9	10	11.5
	60	< 5:12	5	5	5	5	5.5	6
		7:12	5	5	5	5.5	6.5	7.5
		12:12	7.5	8.5	10	11.5	13	14.5
60	15	< 5:12	4.5	4.5	4.5	4.5	5	5.5
		7:12	5	5	5	5	6	6.5
		12:12	6	6	6.5	7.5	8.5	10
	30	< 5:12	5.5	5.5	5.5	6	6.5	7.5
		7:12	6.5	6.5	6.5	7	7.5	9
		12:12	8	9	10	12	13.5	15.5
	45	< 5:12	6.5	6.5	6.5	7.5	8.5	10
		7:12	7.5	7.5	8	9	10	11.5
		12:12	11	12	14	16.5	19	21.5
	60	< 5:12	7.5	7.5	8	9.5	11	12
		7:12	9	9	9.5	11	13	14.5
		12:12	14.5	15.5	18	21	24	27.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 15 SUPERFORM 6-INCH & 6.5-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4.5
		12:12	4	4	4	4	4.5	5.5
	30	< 5:12	4.5	4.5	4.5	4.5	4.5	4.5
		7:12	4.5	4.5	4.5	4.5	4.5	5
		12:12	4.5	4.5	5	5.5	6.5	7
	45	< 5:12	6	6	6	6	6	6
		7:12	6	6	6	6	6	6
		12:12	6	6	6	7	8	9
	60	< 5:12	8	8	8	8	8	8
		7:12	8	8	8	8	8	8
		12:12	8	8	8	8.5	9.5	11
30	15	< 5:12	5.5	5.5	5.5	5.5	6.5	7
		7:12	6	6	6	6	6.5	7.5
		12:12	6.5	6.5	6.5	7.5	8.5	9.5
	30	< 5:12	6.5	6.5	6.5	6.5	6.5	7.5
		7:12	6.5	6.5	6.5	7	8	9
		12:12	7.5	7.5	8.5	9.5	11	12.5
	45	< 5:12	8.5	8.5	8.5	8.5	8.5	8.5
		7:12	8.5	8.5	8.5	8.5	9	10
		12:12	9	9	10.5	12	14	15.5
	60	< 5:12	10.5	10.5	10.5	10.5	10.5	10.5
		7:12	10.5	10.5	10.5	10.5	10.5	11.5
		12:12	10.5	10.5	12.5	14.5	16.5	18.5
60	15	< 5:12	11	11	11	11	11.5	13
		7:12	11.5	11.5	11.5	11.5	12.5	14.5
		12:12	12.5	12.5	12.5	13.5	15.5	17.5
	30	< 5:12	12	12	12	12	12.5	14
		7:12	13	13	13	13	14.5	16.5
		12:12	14.5	14.5	15.5	18	20.5	23
	45	< 5:12	13	13	13	13	14.5	16.5
		7:12	14	14	14	14.5	17	19
		12:12	17	17	19.5	22.5	25.5	29
	60	< 5:12	15.5	15.5	15.5	15.5	17	19
		7:12	15.5	15.5	15.5	16.5	19	21.5
		12:12	19.5	20	23.5	27.5	31.5	35.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 16 SUPERFORM 6-INCH & 6.5-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	45	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	4.5	5	5.5
		12:12	4	4.5	5	6	7	7.5
	60	< 5:12	4	4.5	5	6	6.5	7.5
		7:12	4.5	5	6	6.5	7.5	8.5
		12:12	6.5	7	8.5	9.5	11	12.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	45	< 5:12	5	5	5	5	5	5
		7:12	5.5	5.5	5.5	5.5	5.5	5.5
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	8.5	8.5	8.5	8.5	8.5	8.5
		12:12	12	12	12	12	12	12.5
60	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	5	5	5	5	5	5
		7:12	5	5	5	5	5	5
		12:12	5	5	5	5	5	5
	45	< 5:12	6.5	6.5	6.5	6.5	6.5	6.5
		7:12	6.5	6.5	6.5	6.5	6.5	6.5
		12:12	7.5	7.5	7.5	7.5	7.5	8
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	8.5	8.5	8.5	8.5	8.5	9
		12:12	12	12	12	12	12	12.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 17 SUPERFORM 6-INCH & 6.5-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4.5	4.5	4.5	5	5.5	6
		7:12	4.5	4.5	4.5	5	5.5	6
		12:12	4.5	4.5	5	5.5	6.5	7
	45	< 5:12	6	6	6.5	7.5	8.5	9.5
		7:12	6	6	7	8	9	10
		12:12	6.5	7	8	9.5	11	12.5
	60	< 5:12	8	8	9	10.5	12	13.5
		7:12	8	8.5	10	11.5	13	15
		12:12	9.5	10.5	12.5	14.5	16.5	18.5
30	15	< 5:12	4.5	4.5	4.5	4.5	4.5	4.5
		7:12	4.5	4.5	4.5	4.5	4.5	4.5
		12:12	4.5	4.5	4.5	4.5	4.5	4.5
	30	< 5:12	6.5	6.5	6.5	6.5	6.5	6.5
		7:12	6.5	6.5	6.5	6.5	6.5	6.5
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	45	< 5:12	9.5	9.5	9.5	9.5	9.5	9.5
		7:12	10.5	10.5	10.5	10.5	10.5	10.5
		12:12	12.5	12.5	12.5	12.5	12.5	12.5
	60	< 5:12	14	14	14	14	14	14
		7:12	15	15	15	15	15	15
		12:12	18.5	18.5	18.5	18.5	18.5	18.5
60	15	< 5:12	8	8	8	8	8	8
		7:12	8	8	8	8	8	8
		12:12	8	8	8	8	8	8
	30	< 5:12	10.5	10.5	10.5	10.5	10.5	10.5
		7:12	10.5	10.5	10.5	10.5	10.5	10.5
		12:12	10.5	10.5	10.5	10.5	10.5	10.5
	45	< 5:12	13	13	13	13	13	13
		7:12	13	13	13	13	13	13
		12:12	13	13	13	13	13	13
	60	< 5:12	15.5	15.5	15.5	15.5	15.5	15.5
		7:12	15.5	15.5	15.5	15.5	15.5	15.5
		12:12	18.5	18.5	18.5	18.5	18.5	19

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 18 SUPERFORM 8-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5
	45	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4.5	5	6	7
	60	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4.5	5	5.5	6.5	7.5	8.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5.5
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4.5
		12:12	4.5	5	5.5	6.5	7.5	8.5
	45	< 5:12	4.5	4.5	4.5	4.5	4.5	5
		7:12	4.5	4.5	4.5	4.5	5	6
		12:12	6	6.5	7.5	9	10	11.5
	60	< 5:12	5.5	5.5	5.5	5.5	5.5	6
		7:12	5.5	5.5	5.5	5.5	6.5	7.5
		12:12	7.5	8	9.5	11	12.5	14.5
60	15	< 5:12	4.5	4.5	4.5	4.5	5	5.5
		7:12	5	5	5	5	5.5	6.5
		12:12	6	6	6.5	7.5	8.5	9.5
	30	< 5:12	5.5	5.5	5.5	6	6.5	7.5
		7:12	6.5	6.5	6.5	6.5	7.5	8.5
		12:12	8	8.5	10	11.5	13.5	15
	45	< 5:12	7	7	7	7.5	8.5	9.5
		7:12	7.5	7.5	7.5	9	10	11.5
		12:12	11	12	14	16	18.5	21
	60	< 5:12	8.5	8.5	8.5	9.5	10.5	12
		7:12	9	9	9.5	11	12.5	14.5
		12:12	14	15	18	20.5	23.5	27

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 19 SUPERFORM 8-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5.5
	30	< 5:12	5.5	5.5	5.5	5.5	5.5	5.5
		7:12	5.5	5.5	5.5	5.5	5.5	5.5
		12:12	5.5	5.5	5.5	5.5	6	7
	45	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	7.5	7.5	7.5	7.5	7.5	7.5
		12:12	7.5	7.5	7.5	7.5	8	9
	60	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	9
		12:12	9	9	9	9	9.5	10.5
30	15	< 5:12	5.5	5.5	5.5	5.5	6	7
		7:12	6	6	6	6	6.5	7.5
		12:12	6.5	6.5	6.5	7	8	9.5
	30	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	7.5	7.5	7.5	7.5	7.5	8.5
		12:12	7.5	7.5	8	9.5	11	12.5
	45	< 5:12	9.5	9.5	9.5	9.5	9.5	9.5
		7:12	9.5	9.5	9.5	9.5	9.5	10
		12:12	9.5	9.5	10	12	13.5	15.5
	60	< 5:12	12	12	12	12	12	12
		7:12	12	12	12	12	12	12
		12:12	12	12	12	14	16	18.5
60	15	< 5:12	11	11	11	11	11	12.5
		7:12	11.5	11.5	11.5	11.5	12.5	14
		12:12	12.5	12.5	12.5	13.5	15	17
	30	< 5:12	12	12	12	12	12.5	14
		7:12	13	13	13	13	14	16
		12:12	14.5	14.5	15	17.5	20	22.5
	45	< 5:12	14.5	14.5	14.5	14.5	14.5	16
		7:12	14.5	14.5	14.5	14.5	16.5	18.5
		12:12	17	17	19	22	25	28.5
	60	< 5:12	17.5	17.5	17.5	17.5	17.5	18.5
		7:12	17.5	17.5	17.5	17.5	18.5	21
		12:12	19.5	19.5	23	26.5	30.5	35

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 20 SUPERFORM 8-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	45	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	4.5	5	5.5
		12:12	4	4.5	5	6	7	7.5
	60	< 5:12	4	4	5	5.5	6.5	7.5
		7:12	4.5	5	5.5	6.5	7.5	8.5
		12:12	6.5	7	8	9.5	11	12.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	45	< 5:12	5	5	5	5	5	5
		7:12	5.5	5.5	5.5	5.5	5.5	5.5
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	8.5	8.5	8.5	8.5	8.5	8.5
		12:12	12	12	12	12	12	12.5
60	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	5.5	5.5	5.5	5.5	5.5	5.5
		7:12	5.5	5.5	5.5	5.5	5.5	5.5
		12:12	5.5	5.5	5.5	5.5	5.5	5.5
	45	< 5:12	7	7	7	7	7	7
		7:12	7	7	7	7	7	7
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	60	< 5:12	8.5	8.5	8.5	8.5	8.5	8.5
		7:12	8.5	8.5	8.5	8.5	8.5	8.5
		12:12	12	12	12	12	12	12.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 21 SUPERFORM 8-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	5.5	5.5	5.5	5.5	5.5	6
		7:12	5.5	5.5	5.5	5.5	5.5	6
		12:12	5.5	5.5	5.5	5.5	6.5	7
	45	< 5:12	7.5	7.5	7.5	7.5	8.5	9.5
		7:12	7.5	7.5	7.5	8	9	10
		12:12	7.5	7.5	8	9.5	11	12
	60	< 5:12	9	9	9	10.5	12	13.5
		7:12	9	9	9.5	11	13	14.5
		12:12	9.5	10.5	12	14	16	18.5
30	15	< 5:12	5.5	5.5	5.5	5.5	5.5	5.5
		7:12	5.5	5.5	5.5	5.5	5.5	5.5
		12:12	5.5	5.5	5.5	5.5	5.5	5.5
	30	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	7.5	7.5	7.5	7.5	7.5	7.5
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	45	< 5:12	9.5	9.5	9.5	9.5	9.5	9.5
		7:12	10.5	10.5	10.5	10.5	10.5	10.5
		12:12	12.5	12.5	12.5	12.5	12.5	12.5
	60	< 5:12	14	14	14	14	14	14
		7:12	15	15	15	15	15	15
		12:12	18.5	18.5	18.5	18.5	18.5	18.5
60	15	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	9
		12:12	9	9	9	9	9	9
	30	< 5:12	12	12	12	12	12	12
		7:12	12	12	12	12	12	12
		12:12	12	12	12	12	12	12
	45	< 5:12	14.5	14.5	14.5	14.5	14.5	14.5
		7:12	14.5	14.5	14.5	14.5	14.5	14.5
		12:12	14.5	14.5	14.5	14.5	14.5	14.5
	60	< 5:12	17.5	17.5	17.5	17.5	17.5	17.5
		7:12	17.5	17.5	17.5	17.5	17.5	17.5
		12:12	18.5	18.5	18.5	18.5	18.5	18.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 22 SUPERFORM 10-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5
	45	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4.5	5	6	7
	60	< 5:12	4.5	4.5	4.5	4.5	4.5	4.5
		7:12	4.5	4.5	4.5	4.5	4.5	4.5
		12:12	4.5	5	5.5	6.5	7.5	8.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4.5	5.5
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4.5
		12:12	4.5	5	5.5	6.5	7.5	8.5
	45	< 5:12	5	5	5	5	5	5
		7:12	5	5	5	5	5	6
		12:12	6	6.5	7.5	9	10	11.5
	60	< 5:12	6	6	6	6	6	6
		7:12	6	6	6	6	6.5	7.5
		12:12	7.5	8	9.5	11	12.5	14.5
60	15	< 5:12	4.5	4.5	4.5	4.5	5	5.5
		7:12	5	5	5	5	5.5	6.5
		12:12	6	6	6.5	7.5	8.5	9.5
	30	< 5:12	6	6	6	6	6.5	7.5
		7:12	6.5	6.5	6.5	6.5	7.5	8.5
		12:12	8	8.5	10	11.5	13.5	15
	45	< 5:12	7.5	7.5	7.5	7.5	8.5	9.5
		7:12	7.5	7.5	7.5	9	10	11.5
		12:12	11	12	14	16	18.5	21
	60	< 5:12	9.5	9.5	9.5	9.5	10.5	12
		7:12	9.5	9.5	9.5	11	12.5	14.5
		12:12	14	15	18	20.5	23.5	27

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 23 SUPERFORM 10-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4.5	4.5	4.5	4.5	4.5	4.5
		7:12	4.5	4.5	4.5	4.5	4.5	4.5
		12:12	4.5	4.5	4.5	4.5	4.5	5.5
	30	< 5:12	6.5	6.5	6.5	6.5	6.5	6.5
		7:12	6.5	6.5	6.5	6.5	6.5	6.5
		12:12	6.5	6.5	6.5	6.5	6.5	7
	45	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	9
		12:12	9	9	9	9	9	9
	60	< 5:12	11	11	11	11	11	11
		7:12	11	11	11	11	11	11
		12:12	11	11	11	11	11	11
30	15	< 5:12	6.5	6.5	6.5	6.5	6.5	7
		7:12	6.5	6.5	6.5	6.5	6.5	7.5
		12:12	6.5	6.5	6.5	7	8	9.5
	30	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	9
		12:12	9	9	9	9.5	11	12.5
	45	< 5:12	11.5	11.5	11.5	11.5	11.5	11.5
		7:12	11.5	11.5	11.5	11.5	11.5	11.5
		12:12	11.5	11.5	11.5	12	13.5	15.5
	60	< 5:12	14	14	14	14	14	14
		7:12	14	14	14	14	14	14
		12:12	14	14	14	14	16	18.5
60	15	< 5:12	11	11	11	11	11	12.5
		7:12	11.5	11.5	11.5	11.5	12.5	14
		12:12	12.5	12.5	12.5	13.5	15	17
	30	< 5:12	14	14	14	14	14	14
		7:12	14	14	14	14	14	16
		12:12	14.5	14.5	15	17.5	20	22.5
	45	< 5:12	17	17	17	17	17	17
		7:12	17	17	17	17	17	18.5
		12:12	17	17	19	22	25	28.5
	60	< 5:12	20	20	20	20	20	20
		7:12	20	20	20	20	20	21
		12:12	20	20	23	26.5	30.5	35

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 24 SUPERFORM 10-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON ONE STORY OR TOP STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	45	< 5:12	4	4	4	4	4.5	5
		7:12	4	4	4	4.5	5	5.5
		12:12	4	4.5	5	6	7	7.5
	60	< 5:12	4.5	4.5	5	5.5	6.5	7.5
		7:12	4.5	5	5.5	6.5	7.5	8.5
		12:12	6.5	7	8	9.5	11	12.5
30	15	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	30	< 5:12	4	4	4	4	4	4
		7:12	4	4	4	4	4	4
		12:12	4	4	4	4	4	4
	45	< 5:12	5	5	5	5	5	5
		7:12	5.5	5.5	5.5	5.5	5.5	5.5
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	60	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	8.5	8.5	8.5	8.5	8.5	8.5
		12:12	12	12	12	12	12	12.5
60	15	< 5:12	4.5	4.5	4.5	4.5	4.5	4.5
		7:12	4.5	4.5	4.5	4.5	4.5	4.5
		12:12	4.5	4.5	4.5	4.5	4.5	4.5
	30	< 5:12	6	6	6	6	6	6
		7:12	6	6	6	6	6	6
		12:12	6	6	6	6	6	6
	45	< 5:12	7.5	7.5	7.5	7.5	7.5	7.5
		7:12	7.5	7.5	7.5	7.5	7.5	7.5
		12:12	7.5	7.5	7.5	7.5	7.5	7.5
	60	< 5:12	9.5	9.5	9.5	9.5	9.5	9.5
		7:12	9.5	9.5	9.5	9.5	9.5	9.5
		12:12	12	12	12	12	12	12.5

SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



**Table 25 SUPERFORM 10-INCH ICF ABOVE GRADE LENGTH OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE ON FIRST STORY OF TWO STORY IN SEISMIC CATEGORY A – C IRC APPLICATIONS (FEET)<sup>(1)(2)(3)(4)(5)(6)</sup>**

Sidewall Length (feet) <sup>(7)</sup>	End Wall Length (feet) <sup>(7)</sup>	Roof Slope <sup>(7)</sup>	Basic Wind Speed (mph) Exposure <sup>(7)</sup>					
			115B	120B	130B	140B	150B	160B
			-	-	110C	119C	127C	136C
			-	-	-	110D	117D	125D
15	15	< 5:12	4.5	4.5	4.5	4.5	4.5	4.5
		7:12	4.5	4.5	4.5	4.5	4.5	4.5
		12:12	4.5	4.5	4.5	4.5	4.5	4.5
	30	< 5:12	6.5	6.5	6.5	6.5	6.5	6.5
		7:12	6.5	6.5	6.5	6.5	6.5	6.5
		12:12	6.5	6.5	6.5	6.5	6.5	7
	45	< 5:12	9	9	9	9	9	9.5
		7:12	9	9	9	9	9	10
		12:12	9	9	9	9.5	11	12
	60	< 5:12	11	11	11	11	12	13.5
		7:12	11	11	11	11	13	14.5
		12:12	11	11	12	14	16	18.5
30	15	< 5:12	6.5	6.5	6.5	6.5	6.5	6.5
		7:12	6.5	6.5	6.5	6.5	6.5	6.5
		12:12	6.5	6.5	6.5	6.5	6.5	6.5
	30	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	9
		12:12	9	9	9	9	9	9
	45	< 5:12	11.5	11.5	11.5	11.5	11.5	11.5
		7:12	11.5	11.5	11.5	11.5	11.5	11.5
		12:12	12.5	12.5	12.5	12.5	12.5	12.5
	60	< 5:12	14	14	14	14	14	14
		7:12	15	15	15	15	15	15
		12:12	18.5	18.5	18.5	18.5	18.5	18.5
60	15	< 5:12	11	11	11	11	11	11
		7:12	11	11	11	11	11	11
		12:12	11	11	11	11	11	11
	30	< 5:12	14	14	14	14	14	14
		7:12	14	14	14	14	14	14
		12:12	14	14	14	14	14	14
	45	< 5:12	17	17	17	17	17	17
		7:12	17	17	17	17	17	17
		12:12	17	17	17	17	17	17
	60	< 5:12	20	20	20	20	20	20
		7:12	20	20	20	20	20	20
		12:12	20	20	20	20	20	20

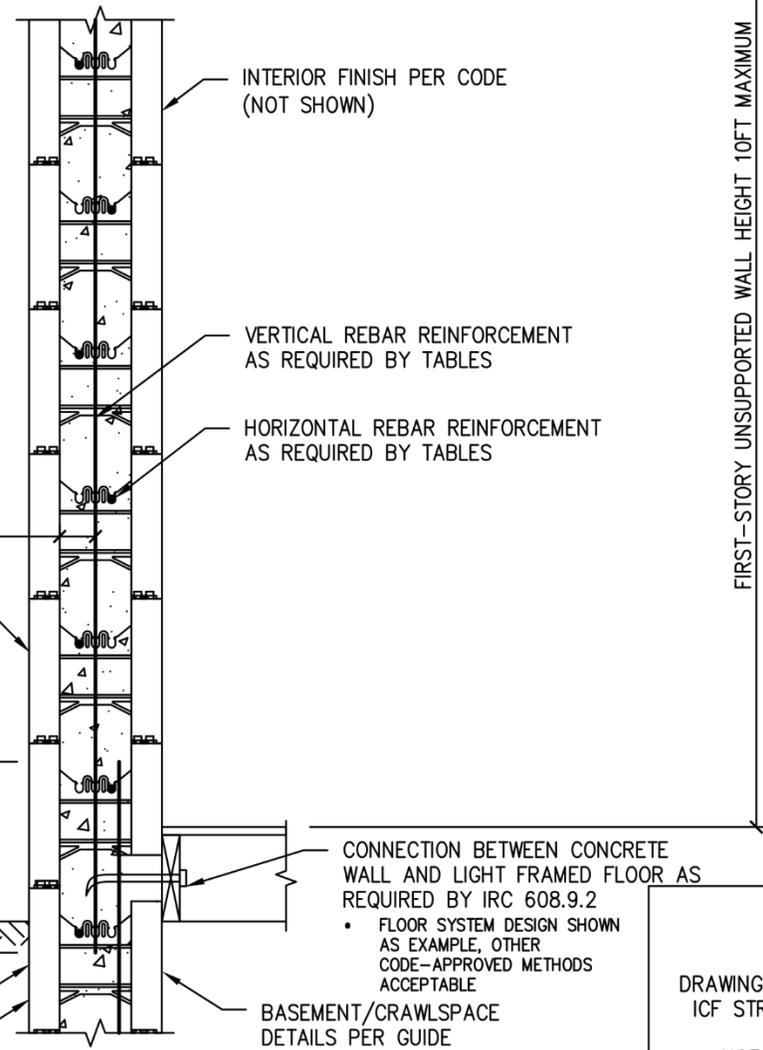
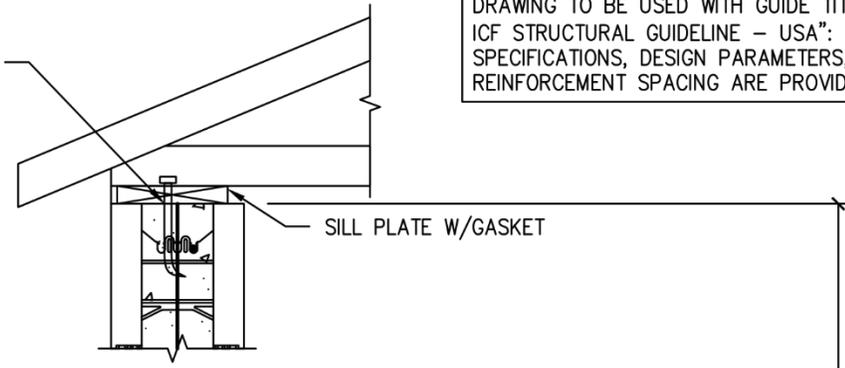
SEE 5.2 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 10 – Table 21 ON PAGE 25 FOR REFERENCED SUPERScript TABLE NOTES



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

FINISH GRADE

DAMPROOFING PER CODE (NOT SHOWN)

BASEMENT/CRAWLSPACE DETAILS PER GUIDE

CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED FLOOR AS REQUIRED BY IRC 608.9.2

- FLOOR SYSTEM DESIGN SHOWN AS EXAMPLE, OTHER CODE-APPROVED METHODS ACCEPTABLE

BASEMENT/CRAWLSPACE DETAILS PER GUIDE

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE

NOT FOR USE AS CONSTRUCTION DESIGN DOCUMENTS

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

(A/1)

NOT-TO-SCALE

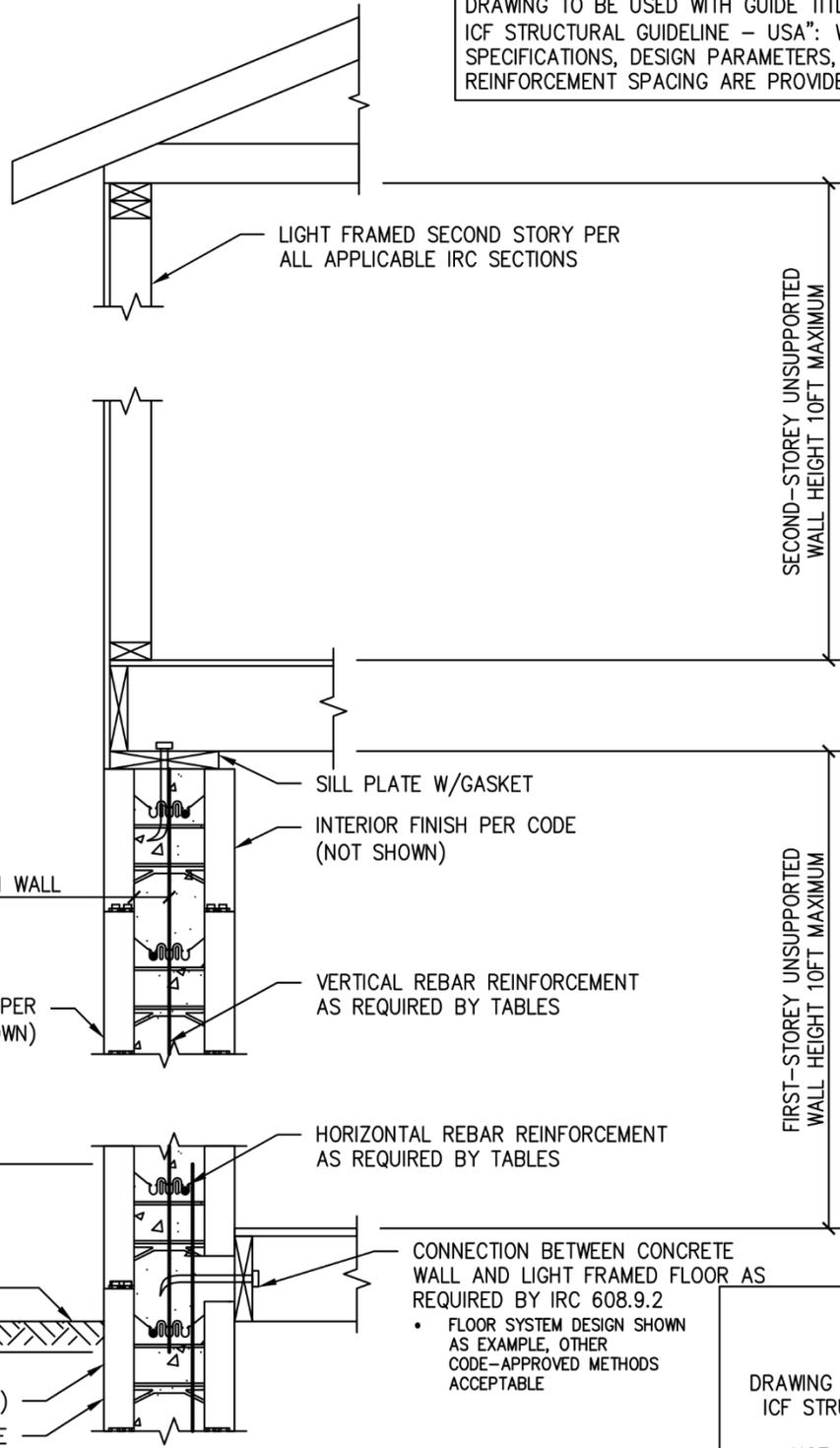
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**A**  
**2**

ABOVE-GRADE CONCRETE WALL FIRST STOREY, LIGHT FRAMED SECOND STOREY (TYP. 6", 6.5", 8", 10" WALLS)

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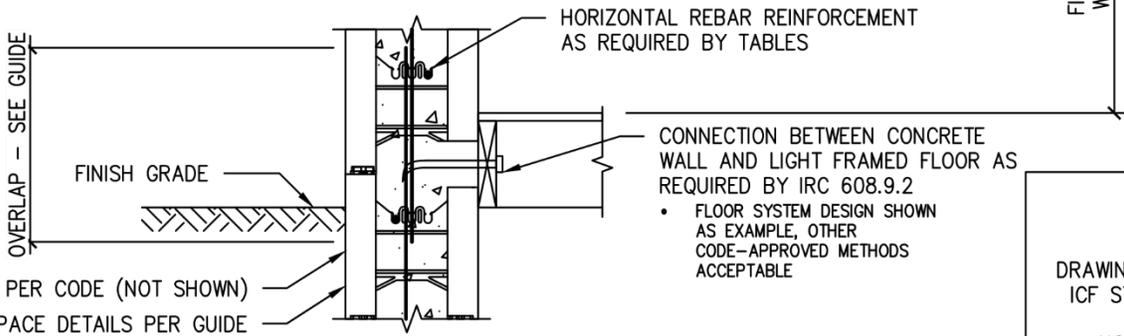
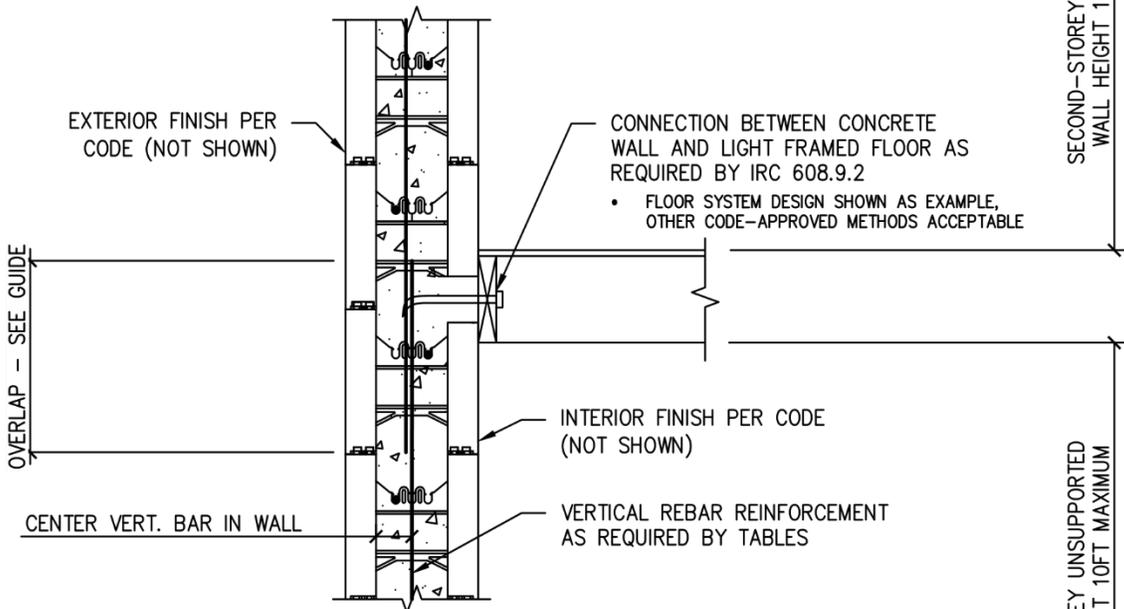
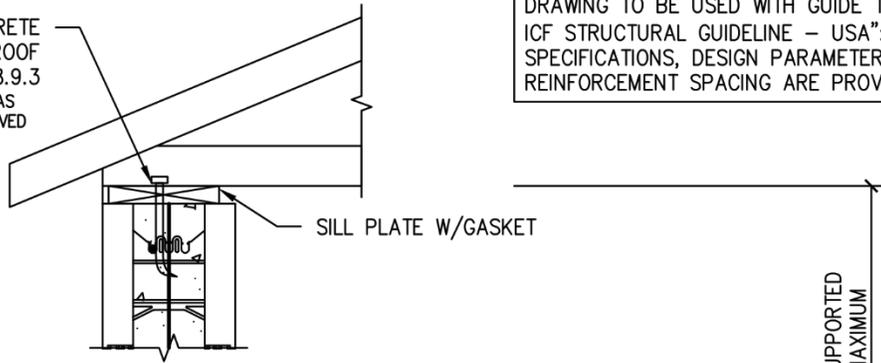
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REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK2-2		DWG SHEET 2 OF 6	DES TH
DATE		DECEMBER 31, 2024	DRN JJ
			CHK CB



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

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



ABOVE-GRADE CONCRETE WALL TWO STOREY  
 (TYP. 6", 6.5", 8", 10" WALLS)  
 A  
 3  
 NOT-TO-SCALE

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

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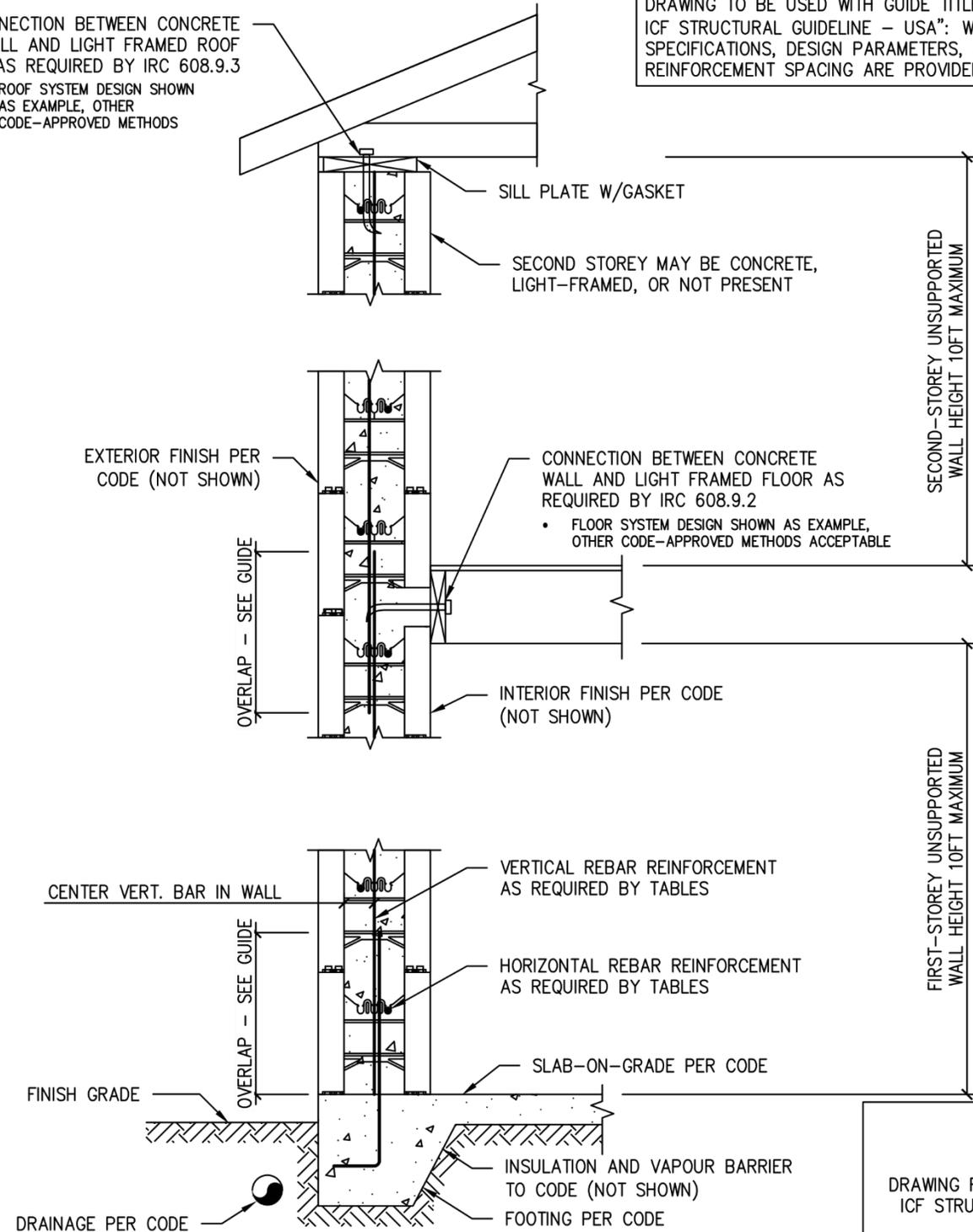
CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM ABOVE-GRADE CONCRETE WALL TWO STOREY
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CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3

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

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



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

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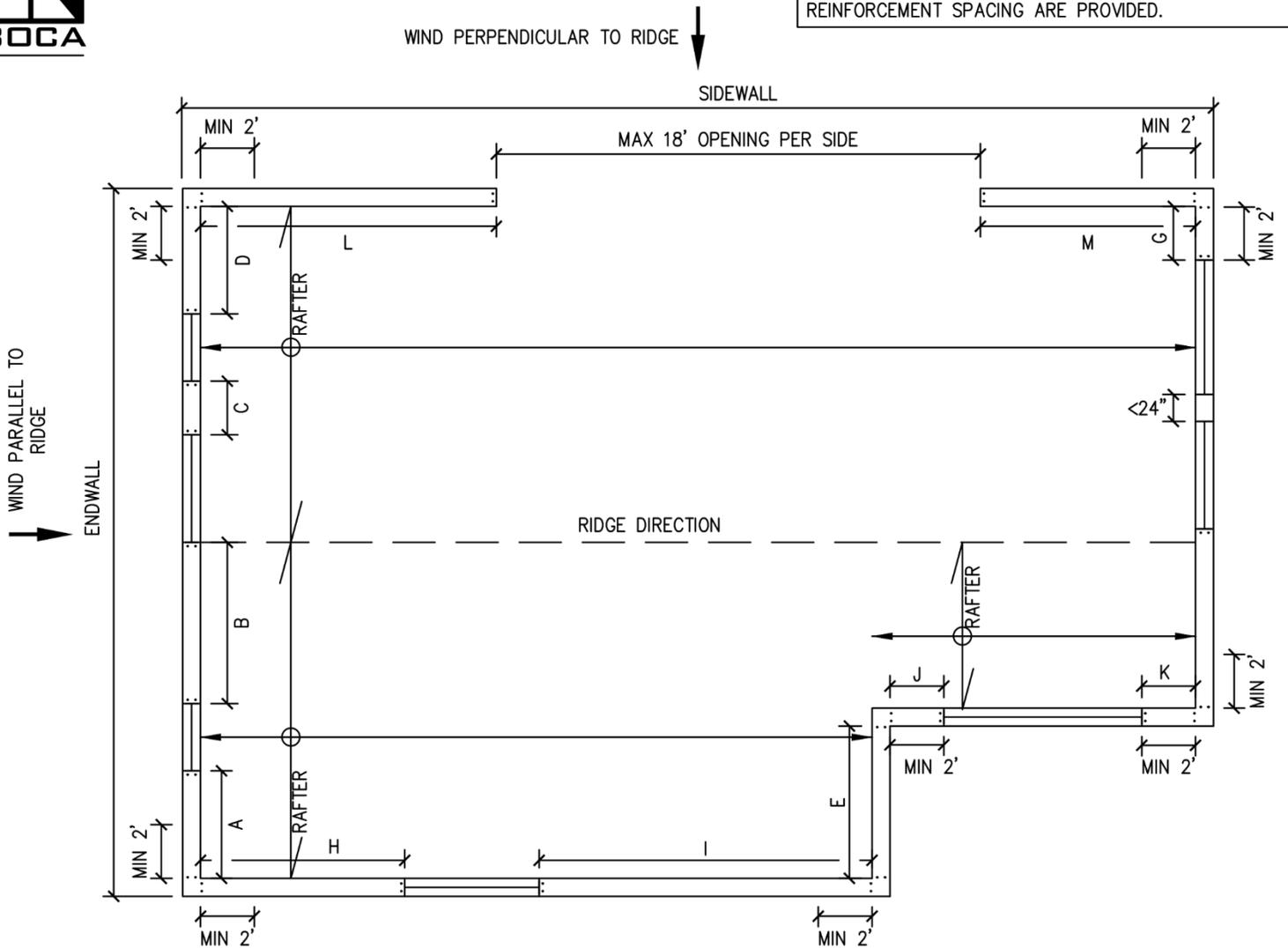
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SUPERFORM PRODUCTS LTD.	SUPERFORM ICF STRUCTURAL GUIDE	SUPERFORM ABOVE-GRADE CONCRETE WALL SUPPORTED ON MONOLITHIC SLAB-ON-GRADE FOOTING

0	2024/12/31	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK2-4		DWG SHEET 4 OF 6	DES TH
DATE		DECEMBER 31, 2024	DRN JJ
			CHK CB



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



**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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DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE

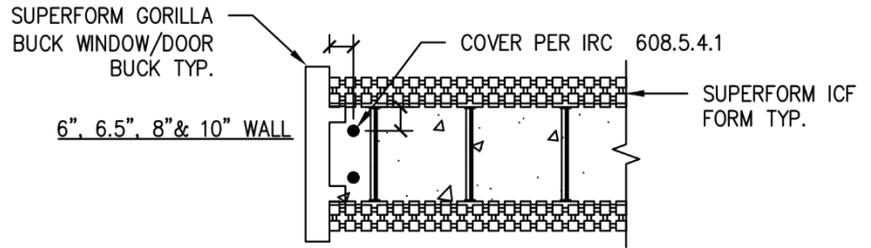
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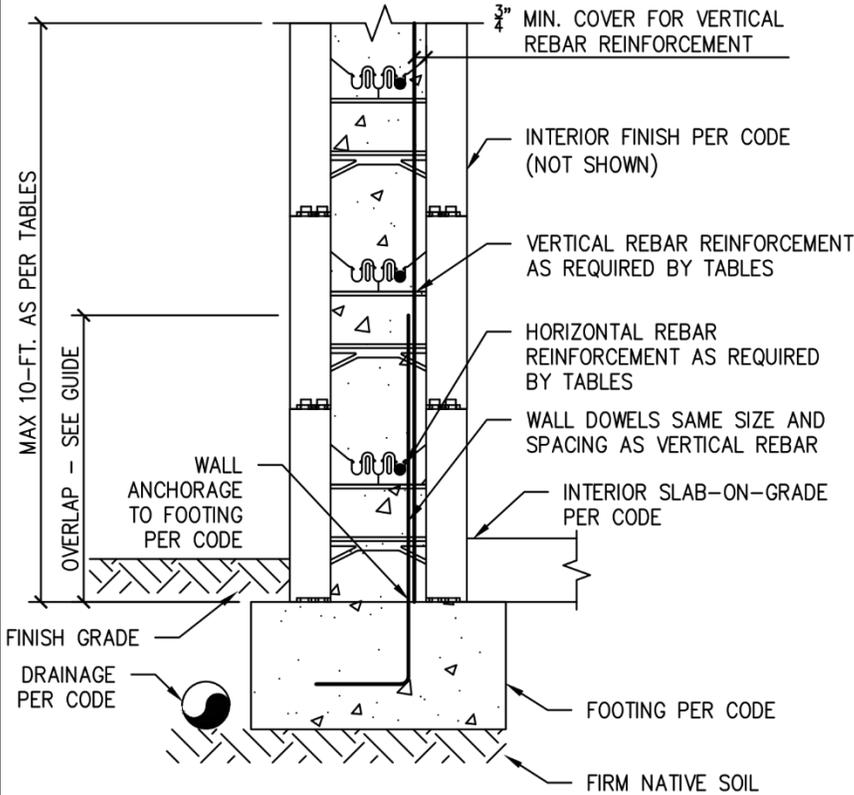
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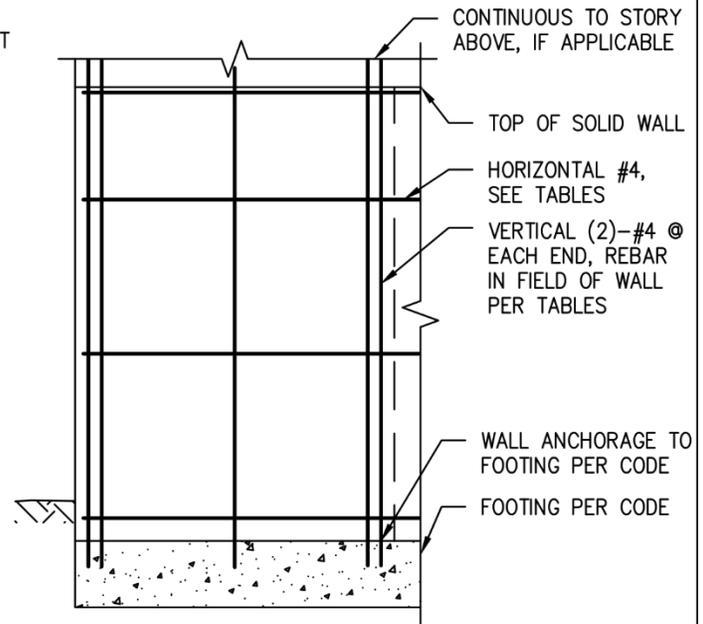
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TYP. #4 REBAR LAYOUT @ ENDS/OPENINGS  
TOP VIEW



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



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

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE

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REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK2-6		DWG SHEET 6 OF 6	DES TH
DATE DECEMBER 31, 2024			DRN JJ
			CHK CB

CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM TYP. ICF SOLID WALL DETAILS
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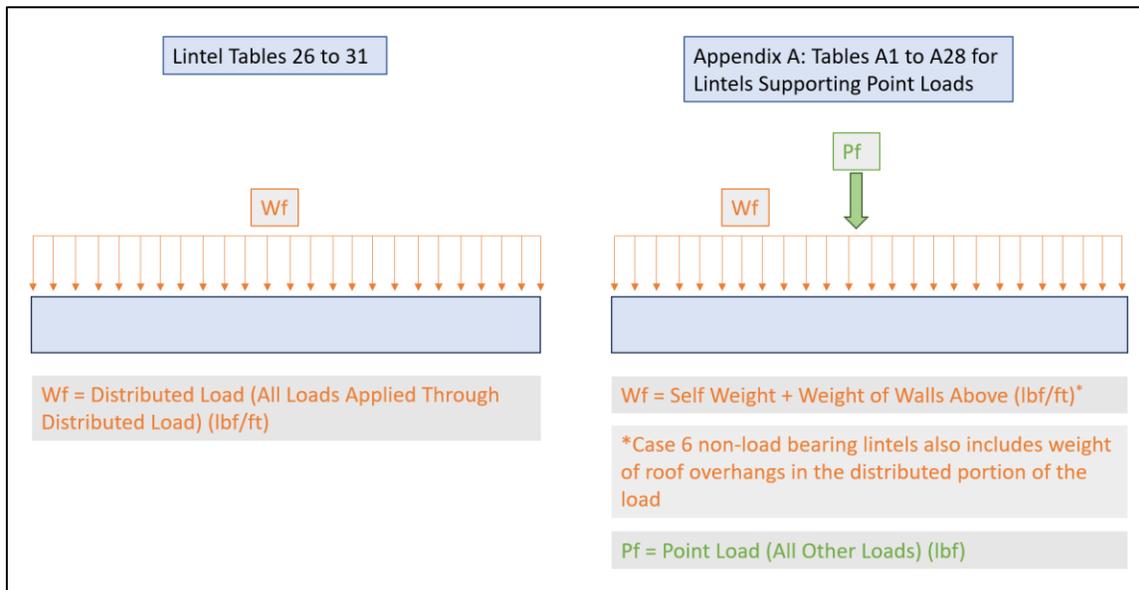
## 6.0 Superform ICF Lintel Design Tables

### 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL Table 26 – Table 31

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 5880-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 not 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. Table 27 - Table 31 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 26 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 of 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) Table 31	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.



**Figure 12: Lintel Loadings**



**Table 27 SUPERFORM 4-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)<sup>(1)(2)(4)(5)(6)(10)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(11)</sup>	Superform ICF Structural Guide Design Loading Condition <sup>(9)</sup>														
		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	Span without stirrups <sup>(7)(9)</sup>	SR	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	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	3-0
	Center distance A <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	3-0	2-3	SR	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	3-6	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	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	4-6
	Center distance A <sup>(8)</sup>	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	0-0
16	Span without stirrups <sup>(7)(9)</sup>	4-3	3-0	2-3	2-0	SR	SR	SR	SR	SR	2-3	SR	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	4-3	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	5-3	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	5-9
	2-#5	14-3	12-0	10-6	9-9	8-9	8-3	7-6	7-3	7-0	10-6	9-6	8-9	7-0	7-0	6-9
	Center distance A <sup>(8)</sup>	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	0-0
20	Span without stirrups <sup>(7)(9)</sup>	5-6	4-0	3-0	2-6	2-0	SR	SR	SR	SR	3-0	2-6	2-0	SR	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	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	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	6-6
	2-#5	16-6	14-0	12-3	11-3	10-3	9-6	8-9	8-6	7-9	12-3	11-0	10-3	8-3	8-0	7-6
	2-#6	18-0	16-3	14-3	13-0	12-0	11-0	9-3	8-9	7-9	14-3	12-9	11-9	8-3	8-0	7-6
	Center distance A <sup>(8)</sup>	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	0-0
24	Span without stirrups <sup>(7)(9)</sup>	6-9	4-9	3-9	3-0	2-6	2-3	SR	SR	SR	3-9	3-0	2-6	SR	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	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	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	7-6	7-3
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	2-#6	18-0	18-0	16-0	14-6	13-6	11-9	9-9	9-3	8-6	16-0	14-6	13-3	8-9	8-6	8-3
	Center distance A <sup>(8)</sup>	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	0-0

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL Table 26 – Table 31 ON PAGE 48 FOR REFERENCED SUPERScript TABLE NOTES



**Table 28 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)<sup>(1)(2)(4)(5)(6)(10)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(11)</sup>	Superform ICF Structural Guide Design Loading Condition <sup>(3)</sup>														
		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	Span without stirrups <sup>(7)(9)</sup>	2-9	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
	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
	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
	Center distance A <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	4-6	3-3	2-6	SR	SR	SR	SR	SR	SR	2-6	2-0	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
	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
	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
	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
	2-#6	13-9	11-6	10-3	8-9	8-3	7-6	6-9	6-6	6-3	10-3	9-3	8-6	6-9	6-9	6-6
Center distance A <sup>(8)</sup>	2-3	1-6	1-3	0-0	0-0	0-0	0-0	0-0	0-0	1-3	1-0	0-0	0-0	0-0	0-0	0-0
16	Span without stirrups <sup>(7)(9)</sup>	6-3	4-6	3-6	2-6	2-3	2-0	SR	SR	SR	3-6	2-9	2-3	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
	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
	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
	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
	2-#6	16-9	14-3	12-6	11-0	10-0	9-6	8-6	8-0	7-3	12-6	11-3	10-6	8-6	8-3	8-0
Center distance A <sup>(8)</sup>	3-0	2-3	1-9	1-3	1-0	1-0	0-0	0-0	0-0	1-9	1-3	1-0	0-0	0-0	0-0	0-0
20	Span without stirrups <sup>(7)(9)</sup>	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
	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
	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
	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
	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
	2-#6	18-0	16-6	14-6	12-6	11-9	11-0	9-3	9-0	8-3	14-6	13-3	12-0	9-6	9-3	8-9
Center distance A <sup>(8)</sup>	4-0	2-9	2-3	1-6	1-3	1-3	1-0	1-0	0-0	2-3	1-9	1-6	1-0	1-0	0-0	0-0
24	Span without stirrups <sup>(7)(9)</sup>	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
	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
	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
	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
	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
	2-#6	18-0	18-0	16-3	14-0	13-0	12-3	10-3	9-9	9-0	16-3	14-9	13-6	10-6	10-0	9-9
Center distance A <sup>(8)</sup>	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	1-0	1-0

SEE 6.1 GENERAL NOTES TO SUPERFORM ICF LINTEL Table 26 – Table 31 ON PAGE 48 FOR REFERENCED SUPERScript TABLE NOTES



**Table 29 SUPERFORM 8-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)<sup>(1)(2)(4)(5)(6)(10)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(11)</sup>	Superform ICF Structural Guide Design Loading Condition <sup>(9)</sup>														
		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	Span without stirrups <sup>(7)(9)</sup>	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 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 <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 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
	2-#6	14-0	12-0	10-6	8-9	8-0	7-6	6-6	6-6	6-3	10-6	9-6	8-9	7-0	7-0	6-9
Center distance A <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 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
	2-#6	17-0	14-6	12-9	10-6	9-9	9-3	8-0	8-0	7-6	12-9	11-6	10-6	8-9	8-6	8-3
Center distance A <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 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
	2-#6	18-0	16-6	14-9	12-3	11-3	10-9	9-3	9-0	8-6	14-6	13-3	12-3	10-0	9-9	9-9
Center distance A <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 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
	2-#6	18-0	18-0	16-3	13-6	12-6	12-0	10-6	10-0	9-3	16-3	14-9	13-6	11-0	11-0	10-9
Center distance A <sup>(8)</sup>	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 26 – Table 31 ON PAGE 48 FOR REFERENCED SUPERScript TABLE NOTES



**Table 30 SUPERFORM 10-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)<sup>(1)(2)(4)(5)(6)(10)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(11)</sup>	Superform ICF Structural Guide Design Loading Condition <sup>(3)</sup>														
		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	Span without stirrups <sup>(7)(9)</sup>	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 <sup>(8)</sup>	2-0	1-6	1-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	1-0	1-0	0-0	0-0	0-0
12	Span without stirrups <sup>(7)(9)</sup>	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 <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 <sup>(8)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 <sup>(8)</sup>	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 26 – Table 31 ON PAGE 48 FOR REFERENCED SUPERScript TABLE NOTES



**Table 31 SUPERFORM ICF NON-LOAD BEARING MAXIMUM ALLOWABLE LINTEL CLEAR SPANS IN IRC APPLICATIONS (FEET-INCHES)<sup>(1)(2)(4)(5)(6)(10)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(11)</sup>	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	Span without stirrups <sup>(7)(9)</sup>	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 1-#6	-	-	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 <sup>(8)</sup>	0-0	1-3	0-0	1-9	0-0	2-6	0-0	3-0		
12	Span without stirrups <sup>(7)(9)</sup>	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 1-#6	-	-	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 <sup>(8)</sup>	1-0	2-0	1-3	3-0	1-3	4-0	1-3	5-0		
16	Span without stirrups <sup>(7)(9)</sup>	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 1-#6	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 <sup>(8)</sup>	1-6	3-0	1-9	4-3	1-9	5-6	1-9	6-9		
20	Span without stirrups <sup>(7)(9)</sup>	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 1-#6	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 <sup>(8)</sup>	2-0	3-9	2-3	5-6	2-3	7-0	2-3	8-3		
24	Span without stirrups <sup>(7)(9)</sup>	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 1-#6	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 <sup>(8)</sup>	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 26 – Table 31 ON PAGE 48 FOR REFERENCED SUPERScript TABLE NOTES



1-1/2 IN. MIN.  
2-1/2 IN. MAX.

WALL THICKNESS

HORIZ. TOP LINTEL REINFORCEMENT

MIN. No. 3 STIRRUP AS REQUIRED.

SUPERFORM ICF

HORIZ. BOTTOM LINTEL REINFORCEMENT

SECTION A

SECTION A

D  
d BOT. BAR  
d TOP BAR

1-1/2 IN. MIN.  
2-1/2 IN. MAX.

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

CONTINUOUS HORIZONTAL BAR AS REQUIRED BY THIS GUIDE SHALL BE PERMITTED TO BE USED AS LINTEL REINFORCEMENT WHERE LOCATED AS SHOWN IN SECTION A<sub>1/2</sub>

CENTER DISTANCE, A, NOT REQUIRING STIRRUPS

TOP AND BOTTOM LINTEL REINFORCEMENT AS REQUIRED - SEE GUIDE



TOP OF WALL STORY

SEE GUIDE FOR DEPTH OF LINTEL REQUIRED WITHOUT STIRRUPS

MIN 8"

≥ 2 FT

< 2 FT

SEE SECTION R608.8.1 OPENING REINFORCEMENT AS REQUIRED

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



TYP. LINTEL ELEVATION (TYP. ALL WALL THICKNESS')

NOT-TO-SCALE

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CLIENT:	PROJECT:	TITLE:
SUPERFORM PRODUCTS LTD.	SUPERFORM ICF STRUCTURAL GUIDE	SUPERFORM TYP. LINTEL ELEVATION

0	2024/12/31	FOR PUBLICATION	CB
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DATE		DECEMBER 31, 2024	DRN JJ
			CHK CB

## 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 Table 26 LINTEL DESIGN LOADING CONDITIONS**
2. Tables are to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 5880-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 A27. 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 Figure 12 on page 49.
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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	18-0	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 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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	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 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	9-3	8-3	7-6
Center distance A <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	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 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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	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 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 <sup>(8)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	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 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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)															
		6 Inches															
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>															
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
8	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	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	
	Center distance A <sup>(9)</sup>	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	0-0
12	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0	
16	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0	
20	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	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	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 <sup>(9)</sup>	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	0-0	
24	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	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	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 <sup>(9)</sup>	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	0-0	

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	0-0	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	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	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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	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 <sup>(9)</sup>	18-0	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

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	2-0	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	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
	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	4-6	3-3	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	6-9	5-6	4-6	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	8-9	7-9	6-6	5-6	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	10-9	9-9	8-6	7-6	6-6	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	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
	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	2-6	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 1-#6	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
	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
	Center distance A <sup>(9)</sup>	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
12	Span without stirrups <sup>(8)(10)</sup>	4-9	4-0	3-3	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 1-#6	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	7-0	6-3	5-6	4-9	4-0	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 1-#6	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	9-3	8-6	7-9	7-0	6-3	5-6	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 1-#6	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	11-0	10-6	9-9	9-0	8-3	7-6	6-9	6-0	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 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	17-6	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	2-9	2-0	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-0	4-6	3-9	3-3	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	7-3	6-9	6-0	5-6	5-0	4-3	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	9-3	8-9	8-3	7-6	7-0	6-6	6-0	5-3	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	2-9	2-3	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	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-3	4-9	4-3	3-9	3-3	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	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	7-3	7-0	6-6	6-0	5-6	5-0	4-6	4-0	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	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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	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
	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-3	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-6	3-0	2-3	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	4-9	4-0	3-6	3-0	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	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
	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 <sup>(8)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-9	5-3	4-9	4-0	3-6	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	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
	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-6	2-0	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-9	3-3	3-0	2-6	2-0	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	4-9	4-6	4-0	3-9	3-3	3-0	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	6-0	5-6	5-3	4-9	4-6	4-0	3-9	3-3	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-6	2-3	2-0	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-9	3-6	3-3	2-9	2-6	2-3	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-0	4-9	4-3	4-0	3-9	3-6	3-0	2-9	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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	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
	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-9	2-6	2-3	2-0	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-9	3-6	3-3	3-0	2-9	2-6	2-3	2-0	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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
	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	6-9	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	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	13-3	9-9	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	15-6	12-3	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	17-6	14-6	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	16-3	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	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	11-0	7-6	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	16-0	13-0	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	17-3	14-9	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	14-6	11-3	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	15-3	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)															
		10 Inches															
		Maximum Service (Unfactored) Point Load (lbs) <sup>(3)(4)</sup>															
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
8	Span without stirrups <sup>(8)(10)</sup>	17-6	14-6	11-6	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	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	
	Center distance A <sup>(9)</sup>	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	0-0
12	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	17-3	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	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	18-0	18-0	18-0	18-0	18-0	18-0	18-0	18-0	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	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	18-0	17-3	15-6	14-0	12-9	11-6	10-9
	Center distance A <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	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	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	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	18-0	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	2-6	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	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
	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-3	4-0	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	7-9	6-6	5-3	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	10-3	9-0	7-9	6-3	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	12-6	11-3	10-0	8-9	7-6	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	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
	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	4-3	3-0	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	8-3	7-0	5-6	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	11-6	10-6	9-3	8-0	6-9	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	14-9	13-6	12-6	11-3	10-0	8-9	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	17-6	16-6	15-3	14-3	13-0	12-0	10-9	9-9	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	6-0	4-9	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	10-9	9-6	8-3	7-0	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	15-0	13-9	12-6	11-3	10-0	9-0	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	18-0	17-6	16-3	15-3	14-0	13-0	11-9	10-9	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	7-9	6-3	5-0	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	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	13-3	12-0	10-9	9-6	8-3	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	18-0	16-9	15-9	14-6	13-3	12-3	11-0	10-0	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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
16	Span without stirrups <sup>(8)(10)</sup>	2-9	2-3	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	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	3-9	3-3	2-9	2-3	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	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	4-9	4-3	3-9	3-3	2-9	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	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-3	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	3-3	2-9	2-6	2-3	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	4-3	4-0	3-6	3-3	2-9	2-6	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	5-3	5-0	4-6	4-3	3-9	3-6	3-3	2-9	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-3	2-0	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-6	3-0	2-9	2-6	2-3	2-0	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	4-6	4-3	4-0	3-6	3-3	3-0	2-9	2-6	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		10 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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	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
	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	2-6	2-3	2-0	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-6	3-3	3-0	2-9	2-6	2-3	2-3	2-0	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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
	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 <sup>(9)</sup>	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 56 FOR REFERENCED SUPERSCRIP 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		4 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	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	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	3-6	2-6	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-3	4-3	3-6	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	6-9	6-0	5-3	4-3	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	8-6	7-6	6-9	6-0	5-0	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	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 <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		6 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	2-9	2-0	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	5-6	4-6	3-9	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 <sup>(9)</sup>	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	0-0
16	Span without stirrups <sup>(8)(10)</sup>	8-0	7-0	6-3	5-3	4-6	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 <sup>(9)</sup>	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	0-0
20	Span without stirrups <sup>(8)(10)</sup>	10-3	9-3	8-6	7-9	7-0	6-0	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 <sup>(9)</sup>	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	0-0
24	Span without stirrups <sup>(8)(10)</sup>	12-3	11-6	10-9	10-0	9-3	8-6	7-6	6-9	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 <sup>(9)</sup>	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	0-0

SEE A.1.1 GENERAL NOTES TO SUPERFORM ICF ENGINEERED POINT LOADS ON LINTELS ON PAGE 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)														
		8 Inches														
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>														
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
8	Span without stirrups <sup>(8)(10)</sup>	4-0	3-0	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	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
	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
	Center distance A <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	7-3	6-6	5-6	4-9	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	10-3	9-6	8-9	7-9	7-0	6-3	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	13-3	12-3	11-6	10-9	10-0	9-3	8-3	7-6	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	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
	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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
	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	17-0	16-0	15-3	14-3	13-6	
	Center distance A <sup>(9)</sup>	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 56 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)<sup>(1)(2)(5)(6)(11)(13)(14)</sup>**

LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL <sup>(7)(12)</sup>	Minimum Nominal Lintel Thickness (Inches)															
		10 Inches															
		Maximum Service (Unfactored Point Load) <sup>(3)(4)</sup>															
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000	
8	Span without stirrups <sup>(8)(10)</sup>	5-3	4-3	3-3	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	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	
	Center distance A <sup>(9)</sup>	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	0-0
12	Span without stirrups <sup>(8)(10)</sup>	9-0	8-3	7-6	6-6	5-9	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	12-9	11-9	11-0	10-3	9-6	8-9	7-9	7-0	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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 <sup>(9)</sup>	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	Span without stirrups <sup>(8)(10)</sup>	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	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	18-0	17-0	16-0	15-0	14-3	13-6
	Center distance A <sup>(9)</sup>	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 56 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 A34

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 5880-SK1-Sheets 1 to 4.
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 <sup>(1)(2)(3)(4)(5)(8)(9)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) <sup>(11)(14)</sup>	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(5)(6)(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(9)(13)</sup>								
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(10)</sup>								
		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 ON PAGE 85 FOR REFERENCED SUPERScript TABLE NOTES

**Table A30 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 6-INCH & 6.5-INCH ICF CONCRETE FOUNDATION WALLS 8.1 TO 10 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS <sup>(1)(2)(3)(4)(5)(8)(9)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) <sup>(11)(14)</sup>	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(5)(6)(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(9)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(10)</sup>					
		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 ON PAGE 85 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<sup>(1)(2)(3)(4)(5)(8)(9)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) <sup>(11)(14)</sup>	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(5)(6)(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(9)(13)</sup>								
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(10)</sup>								
		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 ON PAGE 85 FOR REFERENCED SUPERScript TABLE NOTES

**Table A32 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 8-INCH ICF CONCRETE FOUNDATION WALLS 8.1 TO 10 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS<sup>(1)(2)(3)(4)(5)(8)(9)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) <sup>(11)(14)</sup>	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(5)(6)(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(9)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(10)</sup>					
		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 ON PAGE 85 FOR REFERENCED SUPERScript TABLE NOTES



**Table A33 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 10-INCH ICF CONCRETE FOUNDATION WALLS 5 TO 8 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS<sup>(1)(2)(3)(4)(5)(8)(9)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) <sup>(1)(14)</sup>	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(5)(6)(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(9)(13)</sup>								
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(10)</sup>								
		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	18	18	18
	8	18	18	18	18	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 ON PAGE 85 FOR REFERENCED SUPERScript TABLE NOTES

**Table A34 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 10-INCH ICF CONCRETE FOUNDATION WALLS 8.1 TO 10 FT TALL IN SEISMIC CATEGORY D IBC AND ACI 318 APPLICATIONS<sup>(1)(2)(3)(4)(5)(8)(9)</sup>**

MAXIMUM UNSUPPORTED WALL HEIGHT (feet) <sup>(11)(14)</sup>	MAXIMUM UNBALANCED WALL HEIGHT (feet) <sup>(5)(6)(12)</sup>	MINIMUM VERTICAL REINFORCEMENT BAR SPACING (inches) <sup>(9)(13)</sup>					
		USCS SOIL CLASSES & REFERENCE DESIGN LATERAL SOIL LOAD (psf per ft depth) <sup>(10)</sup>					
		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	18	18	18	12	18	18
	8	12	18	18	12	18	18
	9	12	18	18	6	12	18
10	4	18	18	18	18	18	18
	5	18	18	18	18	18	18
	6	18	18	18	18	18	18
	7	18	18	18	12	18	18
	8	12	18	18	12	12	18
	9	6	12	18	6	12	18
	10	6	12	18	6	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 ON PAGE 85 FOR REFERENCED SUPERScript TABLE NOTES



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