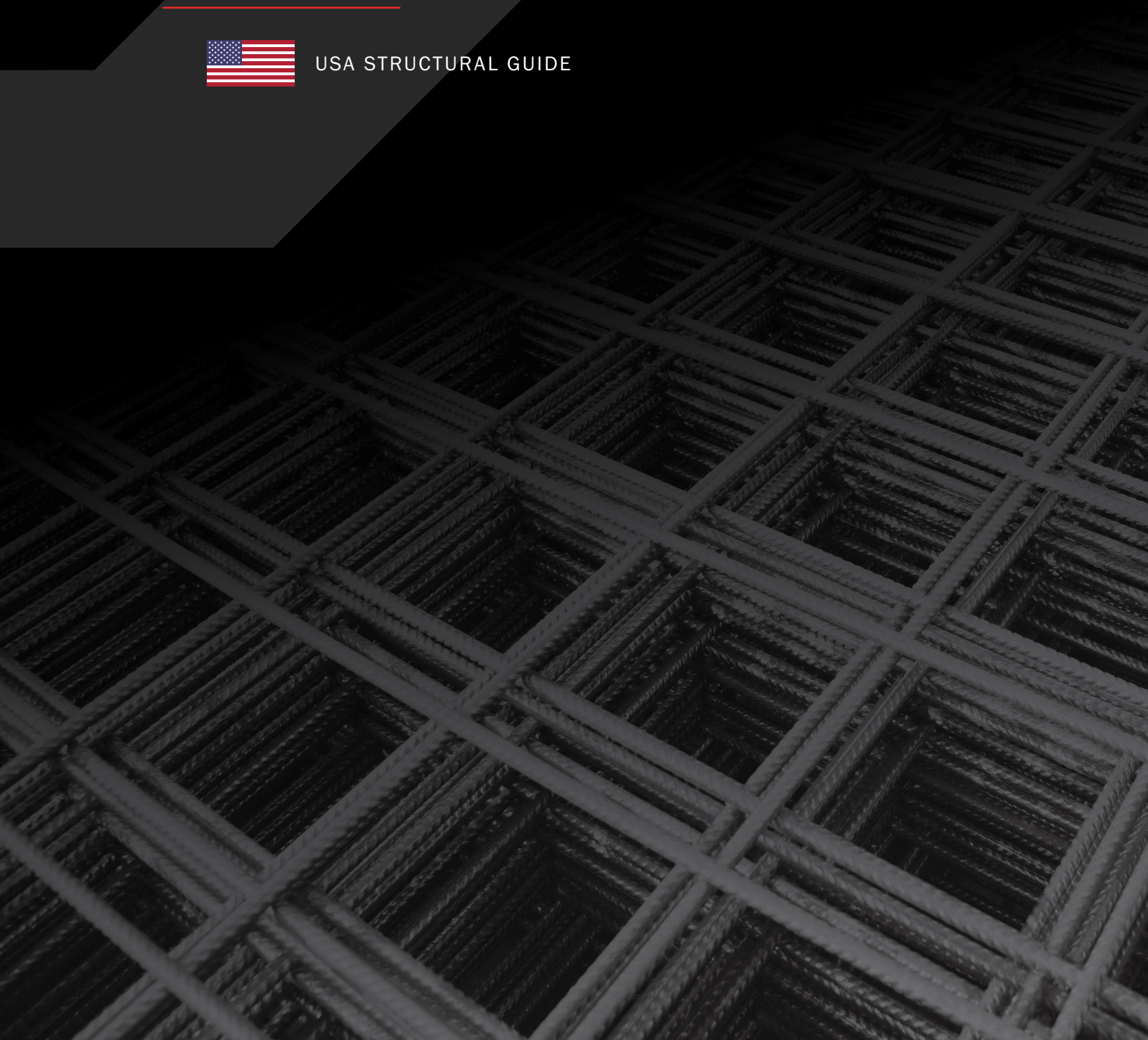




USA STRUCTURAL GUIDE





Building a better future.

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

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Subject

Superform Products Ltd. Insulated Concrete Forms (ICF)

Scope of Superform ICF Structural Guide – USA

This structural guide is for the construction of buildings using Superform ICF products in accordance with the structural requirements of the 2021 International Building Code (IBC) and 2021 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.

This first edition of the guide fits buildings limited to IRC applications only. The next edition will have an Appendix which provides recommended solutions for buildings beyond IRC limitations.

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

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

This first edition of the guide includes groupings for Seismic Design Categories A-C only.

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 2023-12-31. 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 2021 International Building Code (IBC) and 2021 International Residential Code (IRC) requirements.

Signed

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



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



2023-07-07

Date



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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, or 8-inches. Superform ICF meets ASTM E2634 *Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems*, as referenced in Section 1903.4 of the 2021 IBC, and Sections R404.1.3.3.6.1 and R608.4. of the 2021 IRC.

Design Parameters for Using Superform ICF Wall Reinforcing Tables

GENERAL

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

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

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.

ABOVE GRADE WALLS

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

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

Maximum Design Loads for Above -Grade Concrete Walls		
	Dead (psf)	Live (psf)
Roof/Ceiling	15	80 (Snow + live)
Floor/Ceiling	10	40
Attic	-	20
Roof Projections	Maximum 2 ft, 8 psf dead load	
Ground Snow	-	70
Wind	Exposure Category B: V_{ult} up to 160 mph	
	Exposure Category C: V_{ult} up to 136 mph	
	Exposure Category D: V_{ult} up to 127 mph	
	Risk Category: II	



Seismic	One and Two Family Dwellings	Design Cat. A, B, or C
	Townhouses	Design Cat. A or B

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

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

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

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

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

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

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

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

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

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.



Preparation of Superform ICF

FOUNDATION WALLS BELOW GRADE

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

Steel reinforcing are to comply with IRC R404.1.3.3.7.1.

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

Backfill drainage is to be prepared as per IRC R405.

Waterproofing and damproofing is 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.

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.

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).



Superform ICF Foundation Wall Design Tables

GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 4

1. Tables are based on IRC Tables 404.1.2(2) to (3) 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.
3. 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.
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 R404.1.3.3.7.9 and Table R404.1.2(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.
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.

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

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

SEE GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 4 ON PAGE 10 FOR REFERENCED SUPERScript TABLE NOTES

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

MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS	
MAXIMUM UNSUPPORTED WALL HEIGHT	SPACING AND LOCATION OF HORIZONTAL REINFORCEMENT ⁽⁵⁾
Less than or equal to 8 feet	No. 4 bar spaced at maximum 24 inches on centre, one (1) bar within 12 inches of the top of the wall story, minimum two (2) bars.
Greater than 8 feet, less than or equal to 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 GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 4 ON PAGE 10 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⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽¹¹⁾

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

REFER TO TABLE 2 FOR MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS
SEE GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 4 ON PAGE 10 FOR REFERENCED SUPERScript TABLE NOTES



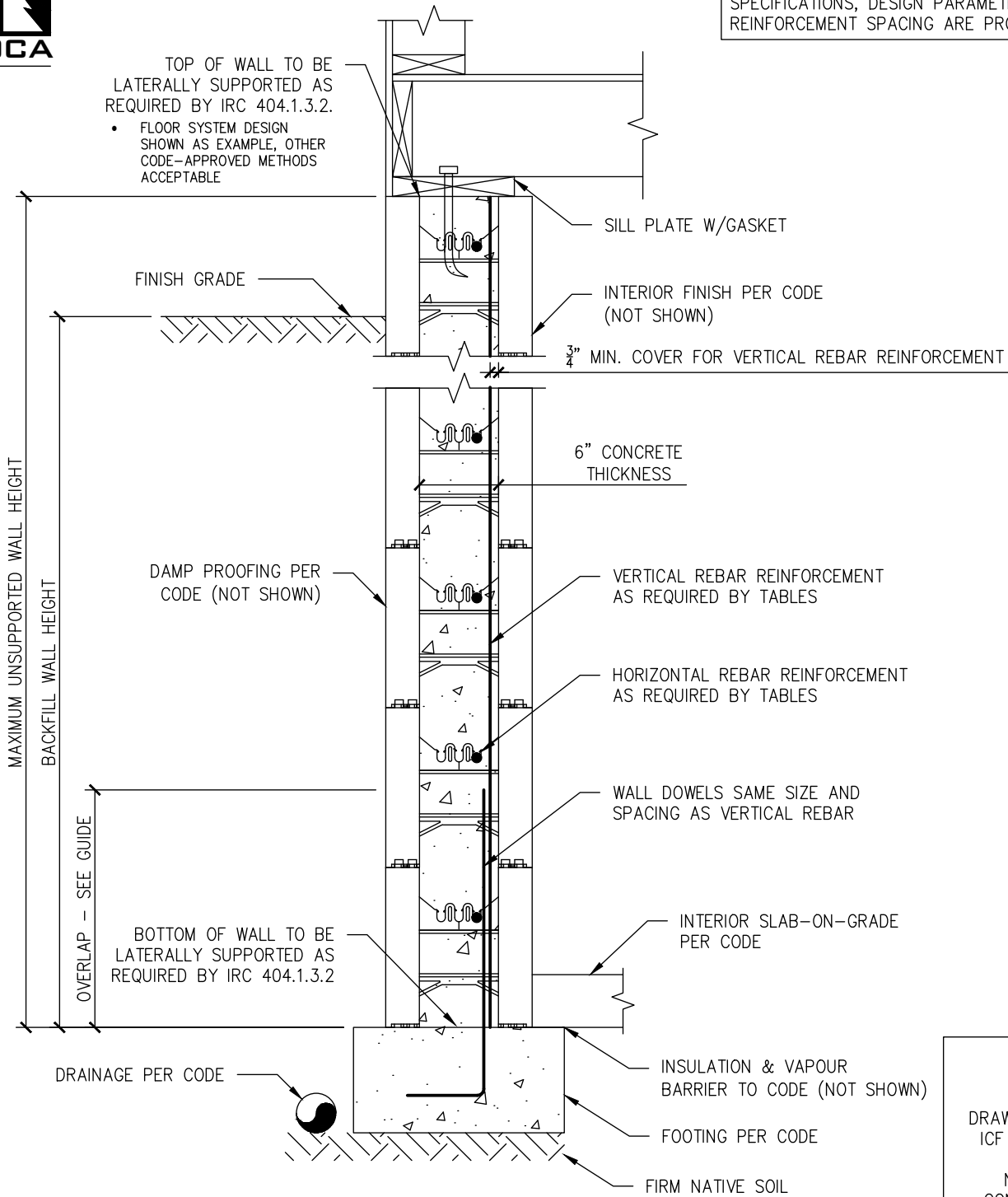
Table 4 MINIMUM VERTICAL REINFORCEMENT FOR SUPERFORM 8-INCH ICF CONCRETE FOUNDATION WALLS IN SEISMIC CATEGORY A – C IRC APPLICATIONS⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽¹¹⁾

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

REFER TO TABLE 2 FOR MINIMUM HORIZONTAL REINFORCEMENT FOR ALL SUPERFORM ICF CONCRETE FOUNDATION WALLS
SEE GENERAL NOTES TO SUPERFORM ICF FOUNDATION WALL Table 1 to Table 4 ON PAGE 10 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
S1 TYP. SUPERFORM 6-INCH ICF FOUNDATION WALL
NOT-TO-SCALE

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

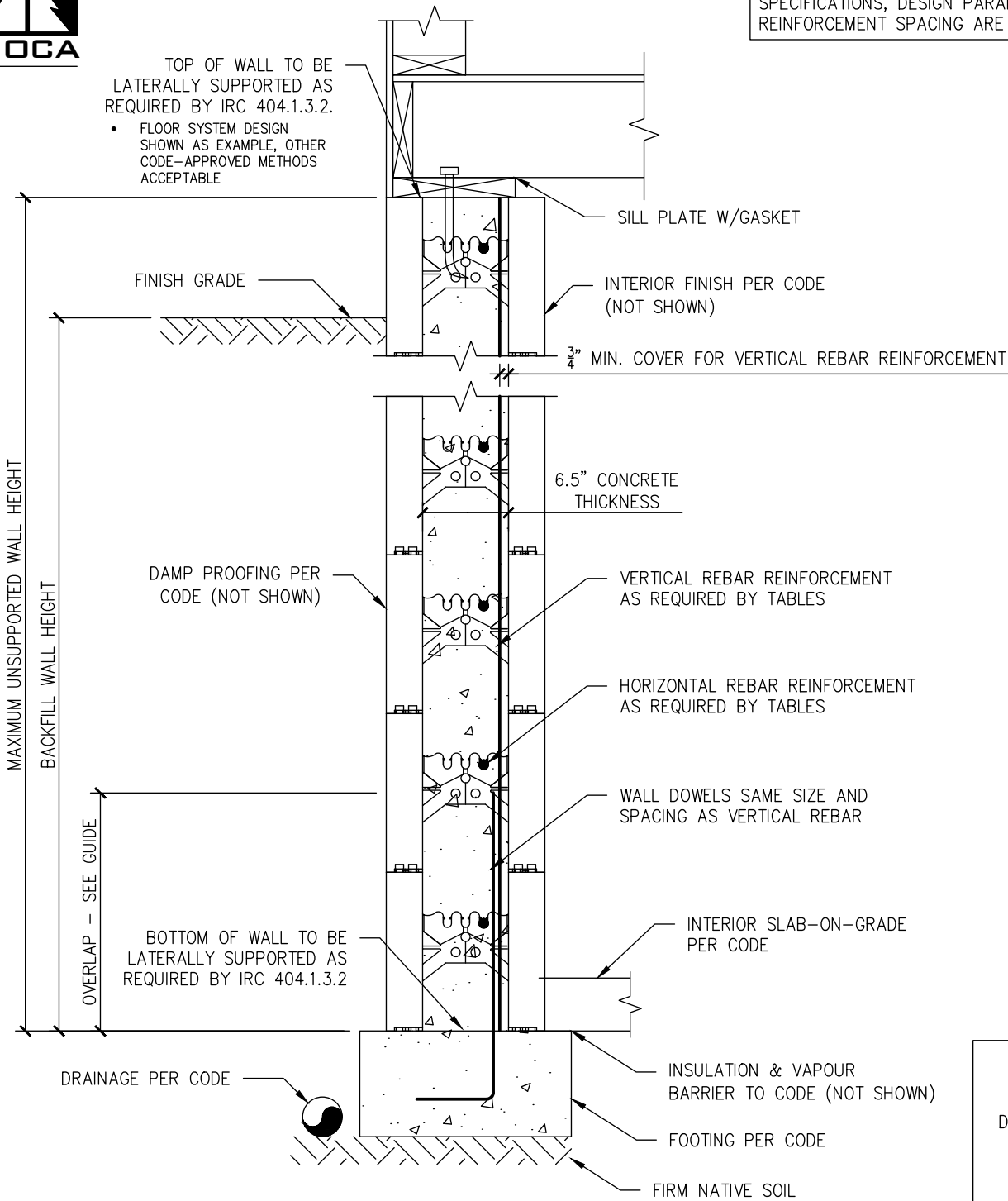
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DRAWING NO. 5880-SK1-1		DWG SHEET 1 OF 3	
DATE July 07, 2023		DES BW	DRN BW
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A
S2 TYP. SUPERFORM 6.5-INCH ICF FOUNDATION WALL
NOT-TO-SCALE

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

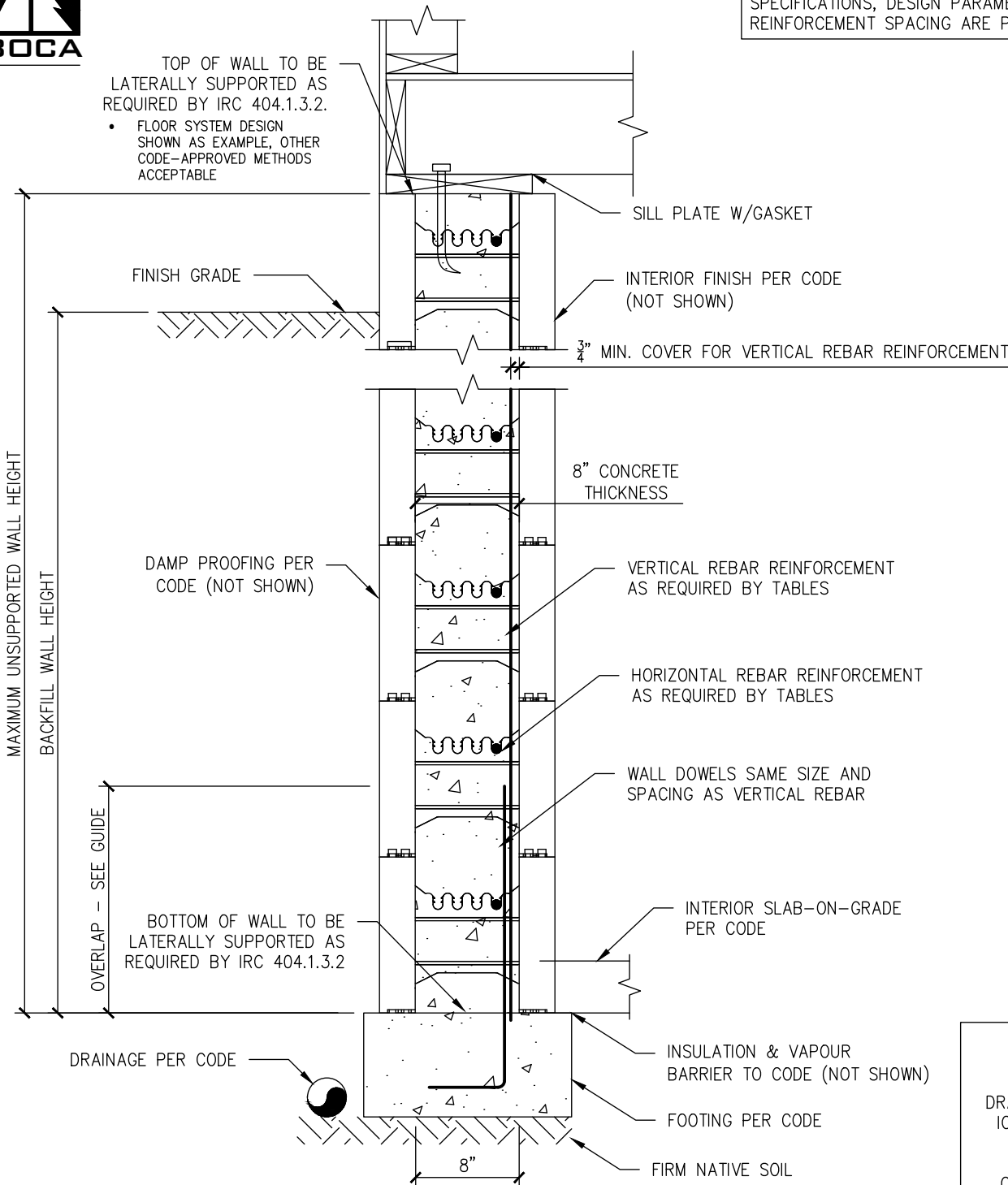
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1	2023/07/07	FOR PUBLICATION	CB
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DRAWING NO. 5880-SK1-2 DWG SHEET 2 OF 3			DES BW
DATE July 07, 2023			DRN BW
			CHK CB



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 8-INCH ICF FOUNDATION WALL
S3 NOT-TO-SCALE

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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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1	2023/07/07	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK1-3 DWG SHEET 3 OF 3			DES BW
DATE July 07, 2023			DRN BW
			CHK CB



*****This section is reserved for foundation walls seismic category D and IBC
Engineered foundation walls in future editions of this guide*****



Superform ICF Above-Grade Wall Design Tables

GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE REINFORCING Table 5

1. Tables are based on IRC Table R608.6(1).
2. Table is to be used in conjunction with “Superform Products Ltd. ICF Structural Guide” and drawings 5880-SK2-1 to 6 prepared by BOCA Engineering which contains materials specifications, building conditions, design limitations and installation details.
3. Table is based on ASCE 7 Section 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.
4. Concrete is to have a minimum concrete specified 28-day compressive strength of 2500 psi.
5. Table values are based on a reinforcing yield strength of 60,000 psi. Substitution with 40,000 psi and/or bars of other sizes is permitted using IRC Section R608.5.4.7 and Table R608.5.4(2).
6. Interpolation is not permitted.
7. “Top” loading means gravity loading from roof, floor or wall construction bearing on top the wall. “Side” loading means gravity load from floor construction which is transferred to the wall through a wood ledger or cold-formed steel track bolted to the side of the wall.

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

MAX WIND SPEED (mph) ⁽³⁾			MAXIMUM WALL HEIGHT PER STORY (feet)	MINIMUM VERTICAL REINFORCEMENT BAR SIZE AND SPACING (inches) ⁽⁵⁾					
				Nominal Wall Thickness (inches)					
Exposure Category				4-inch		6-inch/6.5-inch		8-inch	
B	C	D	Top ⁽⁷⁾	Side ⁽⁷⁾	Top ⁽⁷⁾	Side ⁽⁷⁾	Top ⁽⁷⁾	Side ⁽⁷⁾	
115	-	-	8	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36	No.4 @ 36
			9	No.4 @ 36	No.4 @ 24	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
120	-	-	8	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
			10	No.4 @ 18	No.4 @ 12	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
			9	No.4 @ 30	No.4 @ 18	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
140	119	110	8	No.4 @ 36	No.4 @ 30	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
			10	No.4 @ 18	No.4 @ 12	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
			9	No.4 @ 24	No.4 @ 18	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
160	136	125	8	No.4 @ 30	No.4 @ 24	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
			10	No.4 @ 12	No.4 @ 12	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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE REINFORCING Table 5 ON PAGE 18 FOR REFERENCED SUPERSCRIPIT TABLE NOTES

GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17

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.

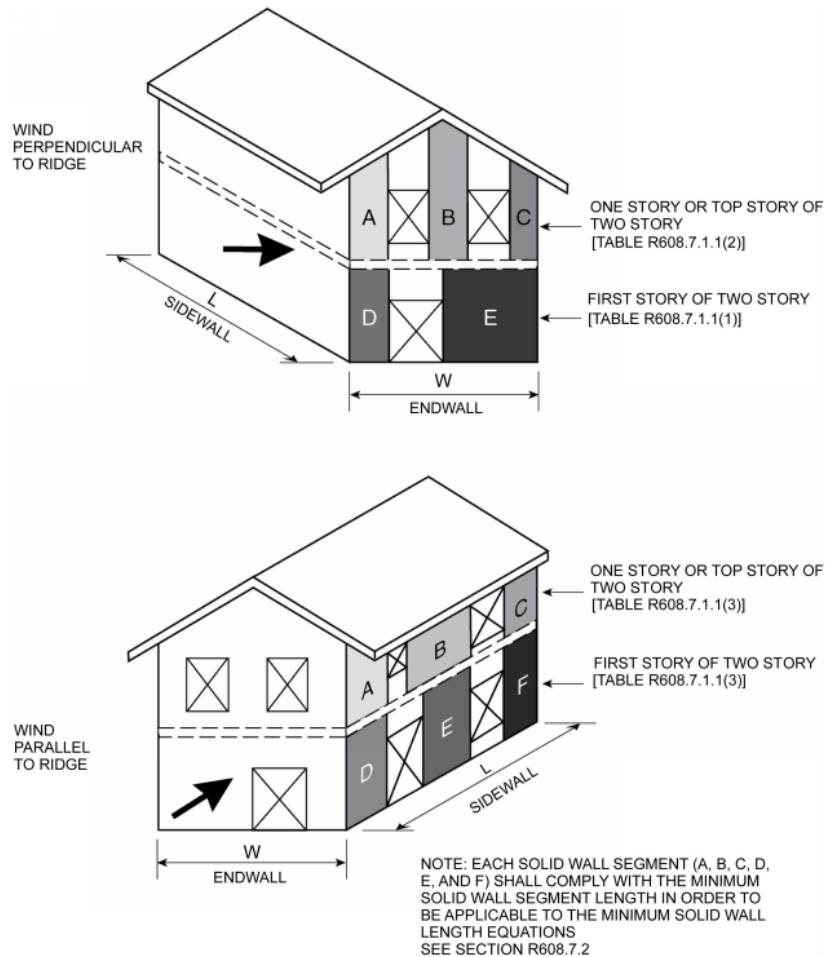


Figure 4 IRC SOLID WALL TABLE LOADING CONDITION DIAGRAMS



Table 6 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 7 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 8 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 9 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 10 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 11 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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	5	5	5	5	5	5
		7:12	5	5	5	5	5	5
		12:12	5	5	5	5.5	6.5	7
	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	6.5	6.5	6.5	7	8	9
	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	8.5	8.5	8.5	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	7	7	7	7	7	8
		7:12	7	7	7	7	8	9
		12:12	7.5	7.5	8.5	9.5	11	12.5
	45	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	10
		12:12	9	9	10.5	12	14	15.5
	60	< 5:12	11	11	11	11	11	11
		7:12	11	11	11	11	11	11.5
		12:12	11	11	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	13.5	15
		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	13.5	13.5	13.5	13.5	15.5	17.5
		7:12	14	14	14	15	17	19
		12:12	17	17	19.5	22.5	25.5	29
	60	< 5:12	16.5	16.5	16.5	16.5	18	20.5
		7:12	16.5	16.5	16.5	17	19.5	22.5
		12:12	19.5	20	23.5	27.5	31.5	35.5

SEE GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 12 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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	4.5
	45	< 5:12	5	5	5	5	5	5
		7:12	5.5	5.5	5.5	5.5	5.5	6
		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
		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	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	8.5
	60	< 5:12	8	8	8	8	8	8
		7:12	8.5	8.5	8.5	8.5	8.5	9.5
		12:12	12	12	12	12	12	13.5

SEE GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 13 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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	6	6.5
		7:12	5	5	5	5	6	6.5
		12:12	5	5	5	6	7	7.5
	45	< 5:12	6.5	6.5	7	8	9	10.5
		7:12	6.5	6.5	7.5	8.5	9.5	11
		12:12	7	7.5	9	10	11.5	13
	60	< 5:12	8.5	8.5	10	11.5	13	14.5
		7:12	8.5	9	10.5	12	14	16
		12:12	10.5	11.5	13.5	15.5	17.5	20
30	15	< 5:12	5	5	5	5	5	5
		7:12	5	5	5	5	5	5
		12:12	5	5	5	5	5	5
	30	< 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
	45	< 5:12	9.5	9.5	9.5	9.5	9.5	10.5
		7:12	10.5	10.5	10.5	10.5	10.5	11
		12:12	12.5	12.5	12.5	12.5	12.5	13
	60	< 5:12	14	14	14	14	14	14.5
		7:12	15	15	15	15	15	16
		12:12	18.5	18.5	18.5	18.5	18.5	20
60	15	< 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	8.5	8.5	8.5	8.5	8.5	8.5
	30	< 5:12	11	11	11	11	11	11
		7:12	11	11	11	11	11	11
		12:12	11	11	11	11	11	11
	45	< 5:12	13.5	13.5	13.5	13.5	13.5	13.5
		7:12	13.5	13.5	13.5	13.5	13.5	13.5
		12:12	13.5	13.5	13.5	13.5	13.5	13.5
	60	< 5:12	16.5	16.5	16.5	16.5	16.5	16.5
		7:12	16.5	16.5	16.5	16.5	16.5	16.5
		12:12	18.5	18.5	18.5	18.5	18.5	20

SEE GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 14 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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 GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 15 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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	6	6	6	6	6	6
		7:12	6	6	6	6	6	6
		12:12	6	6	6	6	6	7
	45	< 5:12	8	8	8	8	8	8
		7:12	8	8	8	8	8	8
		12:12	8	8	8	8	8	9
	60	< 5:12	10	10	10	10	10	10
		7:12	10	10	10	10	10	10
		12:12	10	10	10	10	10	10.5
30	15	< 5:12	6	6	6	6	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	8	8	8	8	8	8
		7:12	8	8	8	8	8	8.5
		12:12	8	8	8	9.5	11	12.5
	45	< 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	12	13.5	15.5
	60	< 5:12	13	13	13	13	13	13
		7:12	13	13	13	13	13	13
		12:12	13	13	13	14	16	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
		12:12	12.5	12.5	12.5	13.5	15	17
	30	5:12	13	13	13	13	13.5	15
		7:12	13	13	13	13	14	16
		12:12	14.5	14.5	15	17.5	20	22.5
	45	< 5:12	16	16	16	16	16	17.5
		7:12	16	16	16	16	17	19
		12:12	17	17	19	22	25	28.5
	60	< 5:12	19	19	19	19	19	20.5
		7:12	19	19	19	19	19.5	22.5
		12:12	19.5	19.5	23	26.5	30.5	35

SEE GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 16 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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	4.5
	45	< 5:12	5	5	5	5	5	5
		7:12	5.5	5.5	5.5	5.5	5.5	6
		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
		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	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	8.5
	60	< 5:12	9	9	9	9	9	9
		7:12	9	9	9	9	9	9.5
		12:12	12	12	12	12	12	13.5

SEE GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



Table 17 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)⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾

Sidewall Length (feet) ⁽⁷⁾	End Wall Length (feet) ⁽⁷⁾	Roof Slope ⁽⁷⁾	Basic Wind Speed (mph) Exposure ⁽⁷⁾					
			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	6	6	6	6	6	6.5
		7:12	6	6	6	6	6	6.5
		12:12	6	6	6	6	7	7.5
	45	< 5:12	8	8	8	8	9	10.5
		7:12	8	8	8	8.5	9.5	11
		12:12	8	8	9	10	11.5	13
	60	< 5:12	10	10	10	11.5	13	14.5
		7:12	10	10	10.5	12	14	16
		12:12	10.5	11.5	13.5	15.5	17.5	20
30	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	10.5	10.5	10.5	10.5	10.5	10.5
		7:12	10.5	10.5	10.5	10.5	10.5	11
		12:12	12.5	12.5	12.5	12.5	12.5	13
	60	< 5:12	14	14	14	14	14	14.5
		7:12	15	15	15	15	15	16
		12:12	18.5	18.5	18.5	18.5	18.5	20
60	15	< 5:12	10	10	10	10	10	10
		7:12	10	10	10	10	10	10
		12:12	10	10	10	10	10	10
	30	< 5:12	13	13	13	13	13	13
		7:12	13	13	13	13	13	13
		12:12	13	13	13	13	13	13
	45	< 5:12	16	16	16	16	16	16
		7:12	16	16	16	16	16	16
		12:12	16	16	16	16	16	16
	60	< 5:12	19	19	19	19	19	19
		7:12	19	19	19	19	19	19
		12:12	19	19	19	19	19	20

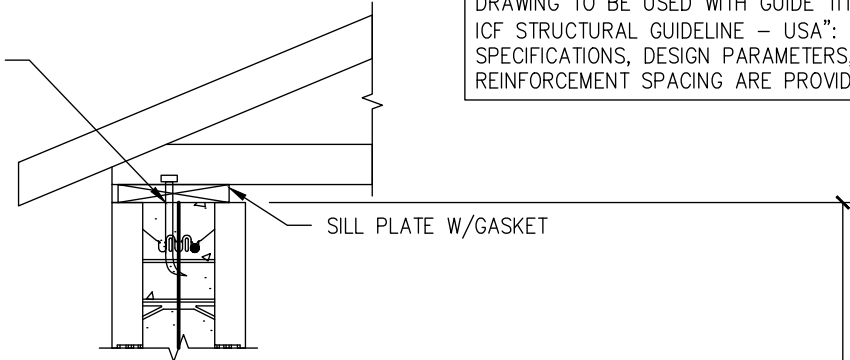
SEE GENERAL NOTES TO SUPERFORM ICF ABOVE-GRADE SOLID WALL LENGTH Table 6 – Table 17 ON PAGE 19 FOR REFERENCED SUPERScript TABLE NOTES



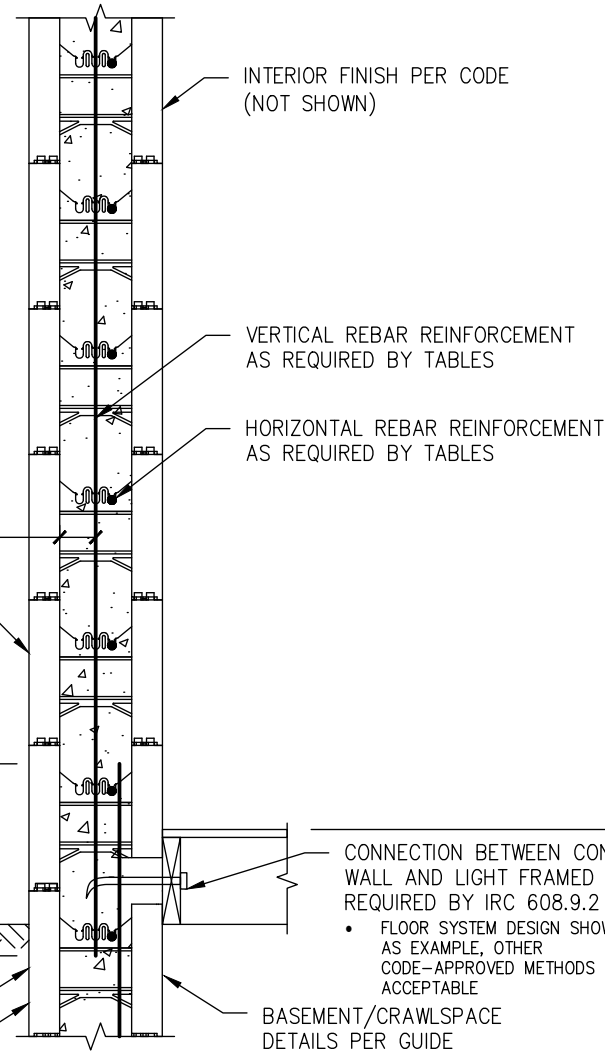
CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3

- 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.



SILL PLATE W/GASKET



INTERIOR FINISH PER CODE (NOT SHOWN)

VERTICAL REBAR REINFORCEMENT AS REQUIRED BY TABLES

HORIZONTAL REBAR REINFORCEMENT AS REQUIRED BY TABLES

CENTER VERT. BAR IN WALL

EXTERIOR FINISH PER CODE (NOT SHOWN)

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

FIRST-STORY UNSUPPORTED WALL HEIGHT 10FT MAXIMUM

(A)
S1

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

NOT-TO-SCALE

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE
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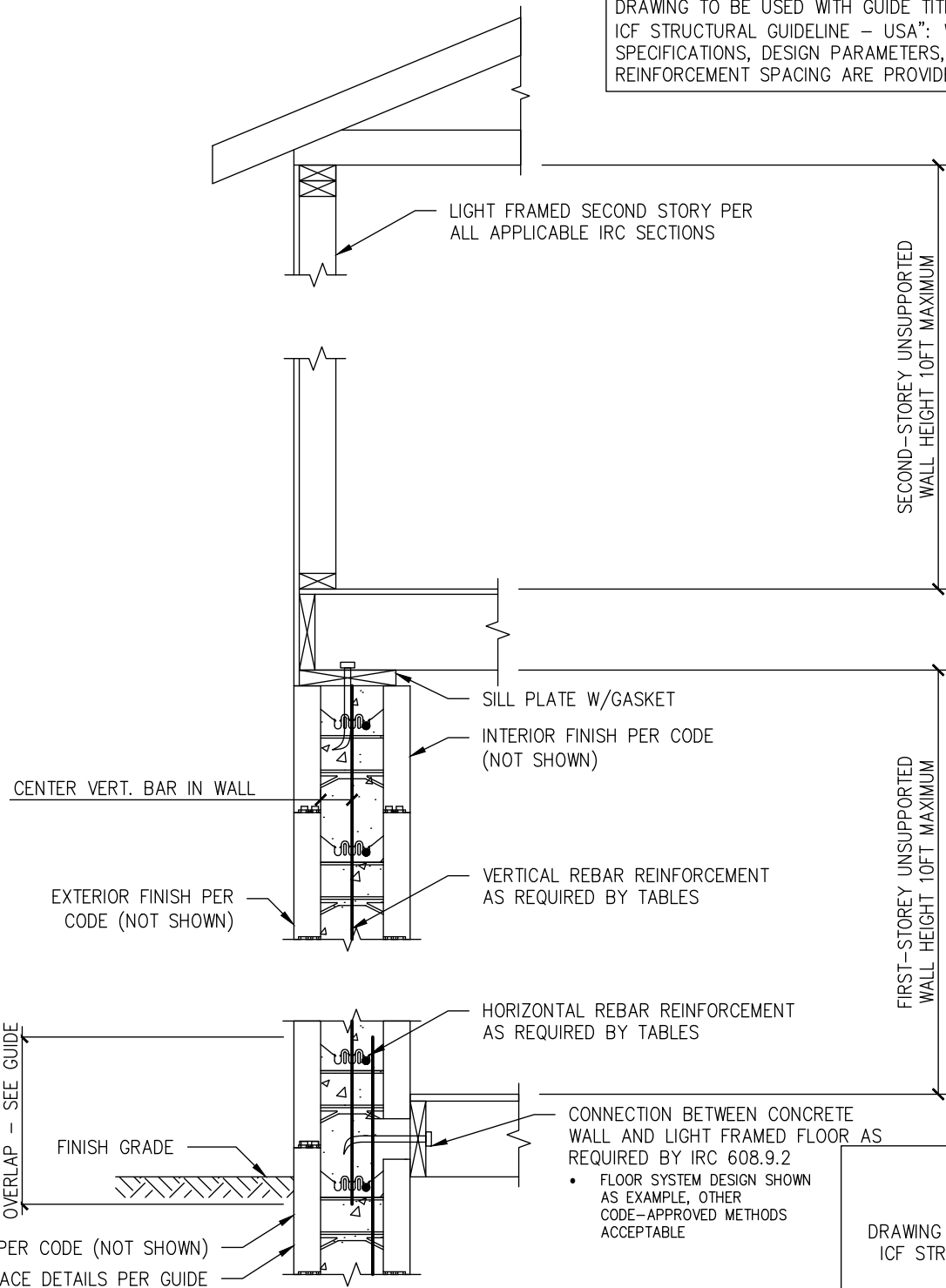
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(A) ABOVE-GRADE CONCRETE WALL FIRST STOREY, LIGHT FRAMED SECOND STOREY (TYP. 6", 6.5", 8" WALLS) NOT-TO-SCALE

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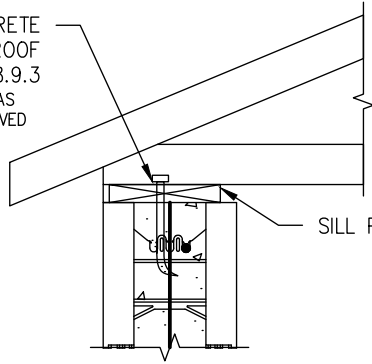
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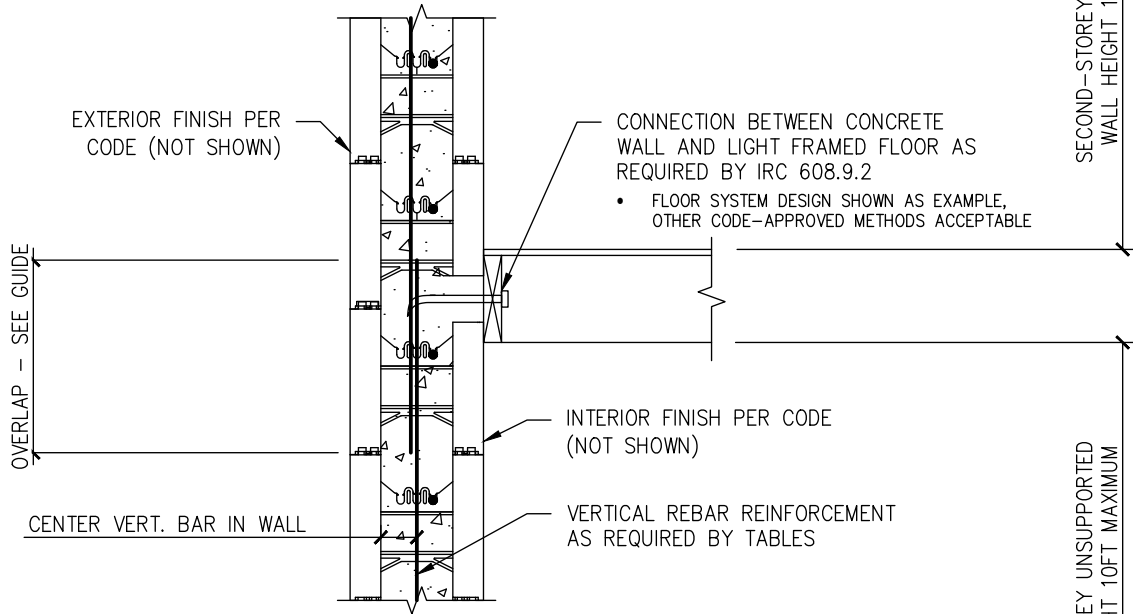


CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3
 ROOF SYSTEM DESIGN SHOWN AS EXAMPLE, OTHER CODE-APPROVED METHODS ACCEPTABLE

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SILL PLATE W/GASKET



EXTERIOR FINISH PER CODE (NOT SHOWN)

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

INTERIOR FINISH PER CODE (NOT SHOWN)

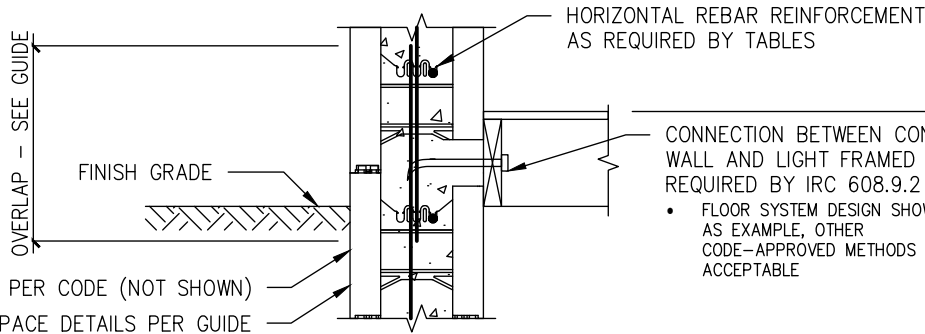
OVERLAP - SEE GUIDE

CENTER VERT. BAR IN WALL

VERTICAL REBAR REINFORCEMENT AS REQUIRED BY TABLES

SECOND-STORY UNSUPPORTED WALL HEIGHT 10FT MAXIMUM

FIRST-STORY UNSUPPORTED WALL HEIGHT 10FT MAXIMUM



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

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE

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DAMPROOFING PER CODE (NOT SHOWN)
 BASEMENT/CRAWLSPACE DETAILS PER GUIDE

ABOVE-GRADE CONCRETE WALL TWO STOREY (TYP. 6", 6.5", 8" WALLS)
 A
 S3
 NOT-TO-SCALE

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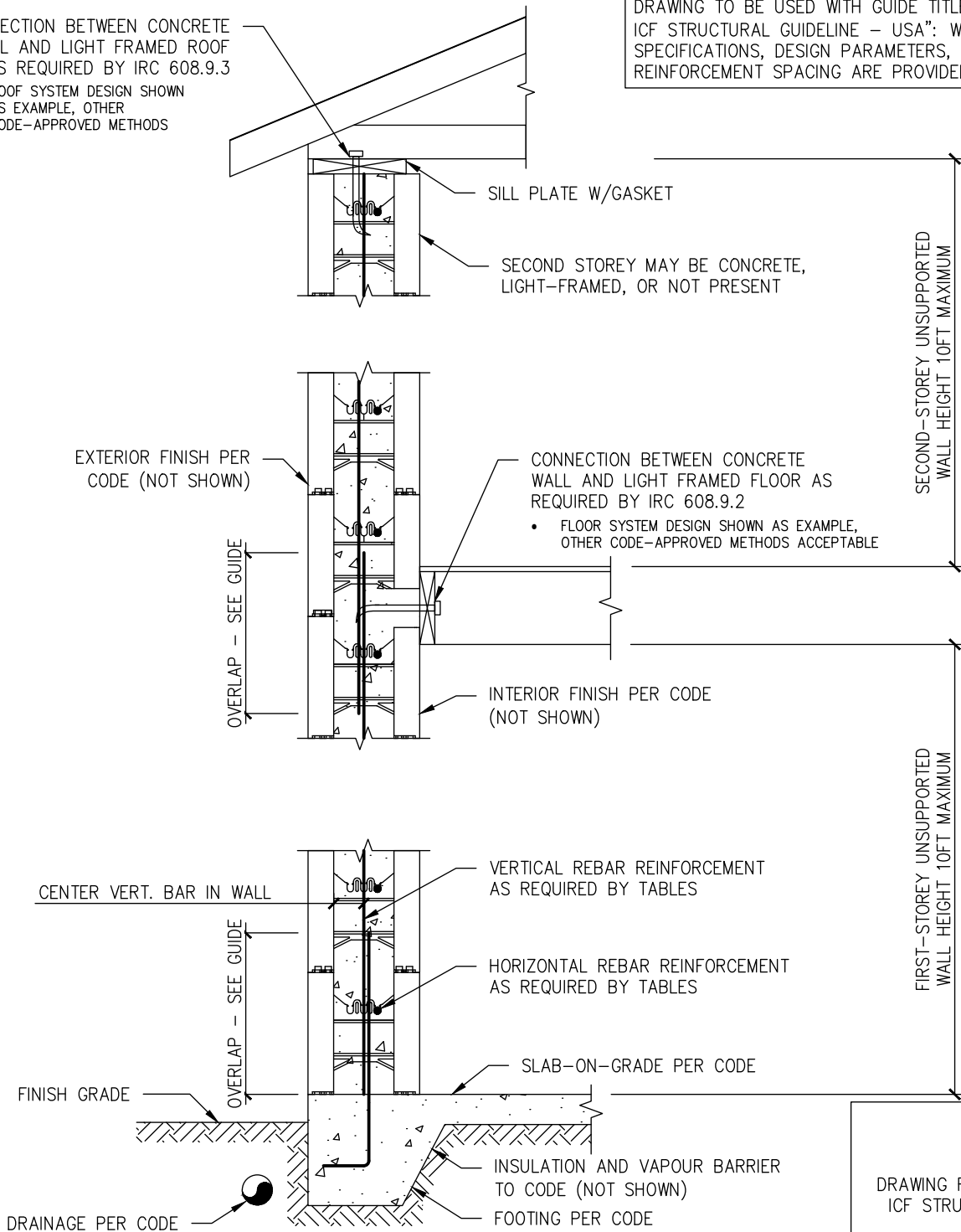
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CONNECTION BETWEEN CONCRETE WALL AND LIGHT FRAMED ROOF AS REQUIRED BY IRC 608.9.3

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

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ABOVE-GRADE CONCRETE WALL SUPPORTED ON MONOLITHIC SLAB-ON-GRADE FOOTING (TYP. 6", 6.5", 8" WALLS)

A
S4

NOT-TO-SCALE

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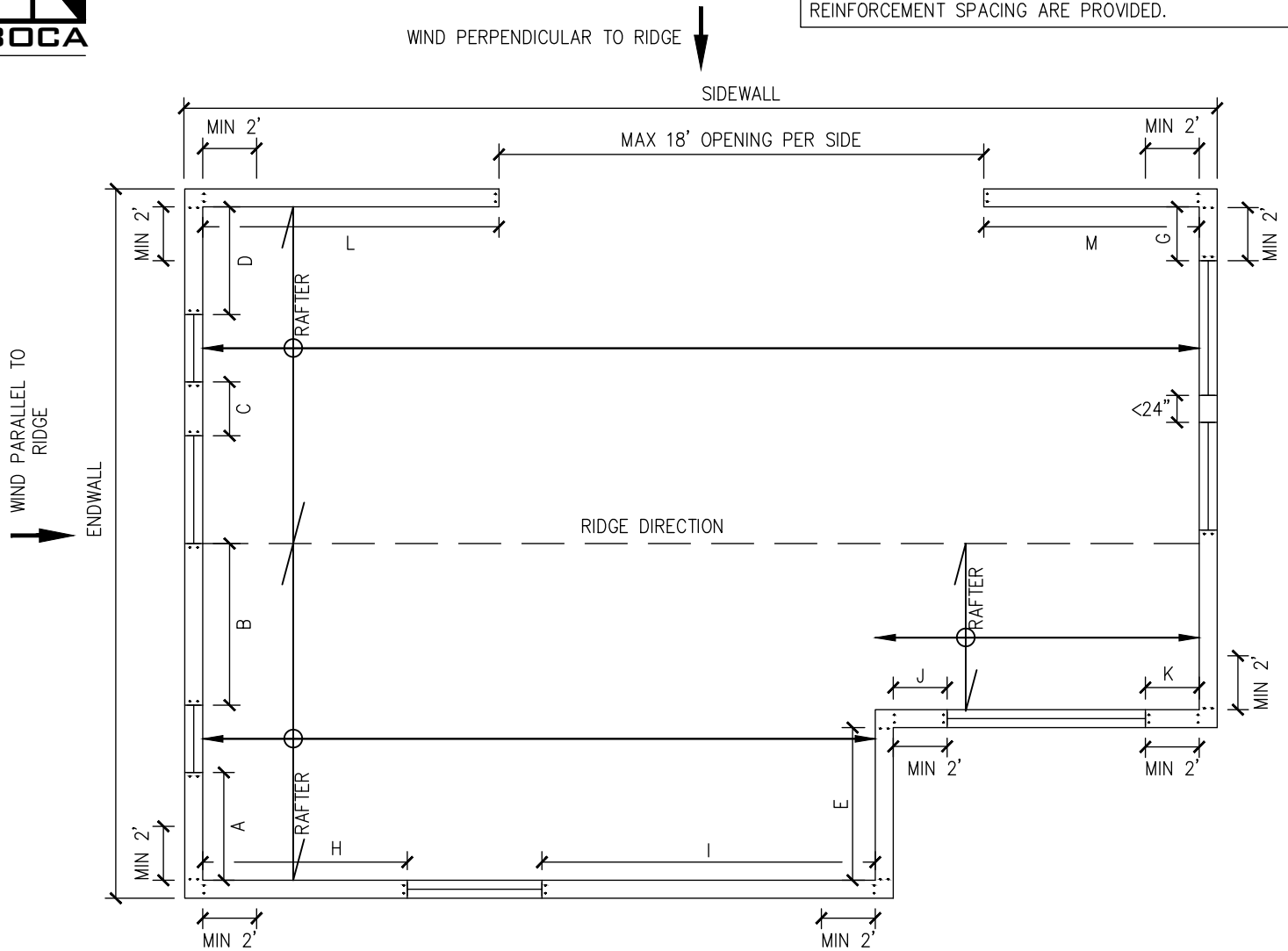
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ENDWALL SOLID WALL (SW) LENGTH SAMPLE CALCULATION

WIND PERPENDICULAR TO RIDGE

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

SIDEWALL SOLID WALL (SW) LENGTH SAMPLE CALCULATION

WIND PARALLEL TO RIDGE

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

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



TYP. ICF SOLID WALL BUILDING PLAN REFERENCE

NOT-TO-SCALE

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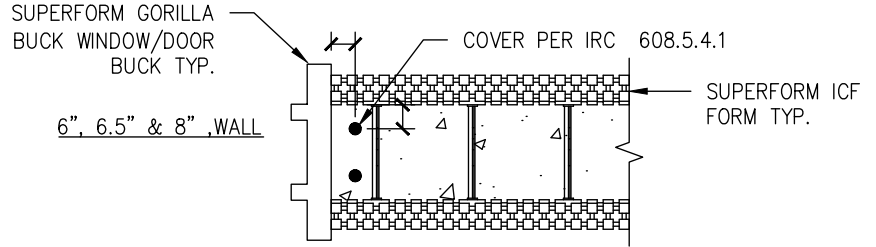
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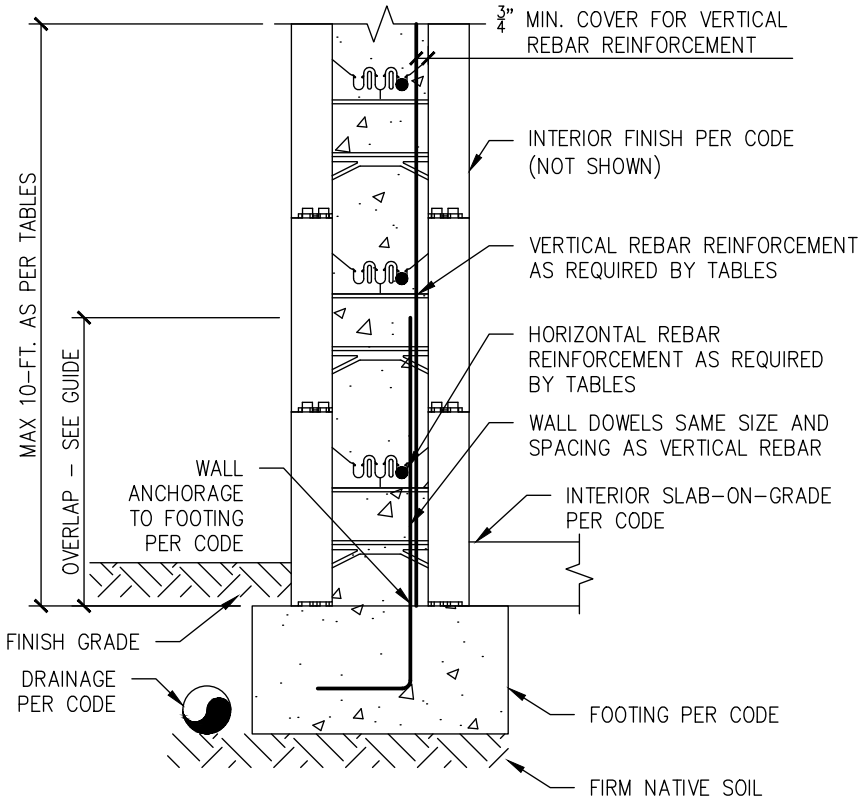
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			FOR PUBLICATION	CB
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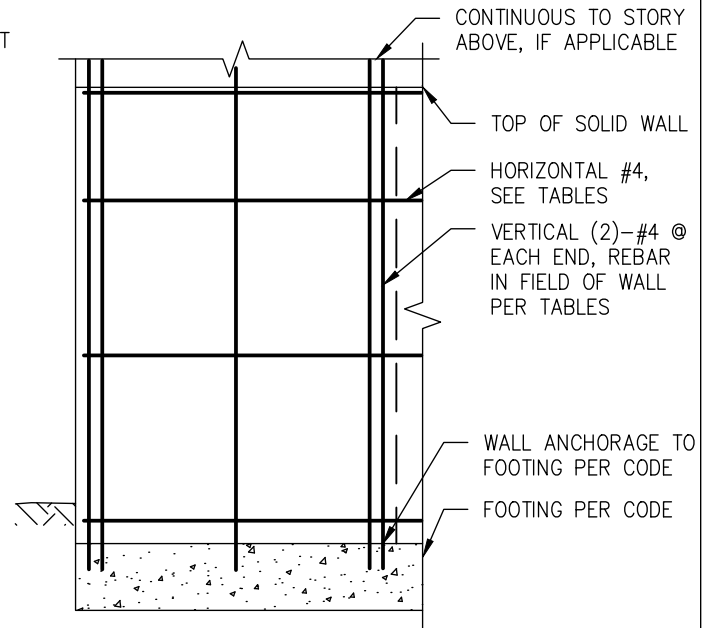
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TYP. #4 REBAR LAYOUT @ ENDS/OPENINGS
TOP VIEW



A TYP. SOLID WALL SECTION
S6 NOT-TO-SCALE



B TYP. SOLID WALL ELEV. SECTION
S6 NOT-TO-SCALE

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Superform ICF Lintel Design Tables

GENERAL NOTES TO SUPERFORM ICF LINTEL Table 18 – Table 22

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 $d/2$.
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.



Table 18 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-Loadbearing (NLB) Table 22	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.



Table 19 SUPERFORM 4-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

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

SEE GENERAL NOTES TO SUPERFORM ICF LINTEL Table 18 – Table 22 ON PAGE 38 FOR REFERENCED SUPERScript TABLE NOTES



Table 20 SUPERFORM 6-INCH & 6.5-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

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

SEE GENERAL NOTES TO SUPERFORM ICF LINTEL Table 18 – Table 22 ON PAGE 38 FOR REFERENCED SUPERScript TABLE NOTES



Table 21 SUPERFORM 8-INCH ICF MAXIMUM ALLOWABLE LINTEL CLEAR SPANS, ROOF CLEAR SPAN 40 FEET & FLOOR CLEAR SPAN 32 FEET IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

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

SEE GENERAL NOTES TO SUPERFORM ICF LINTEL Table 18 – Table 22 ON PAGE 38 FOR REFERENCED SUPERScript TABLE NOTES



Table 22 SUPERFORM ICF NON-LOAD BEARING MAXIMUM ALLOWABLE LINTEL CLEAR SPANS IN IRC APPLICATIONS (FEET-INCHES)⁽¹⁾⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾⁽¹⁰⁾

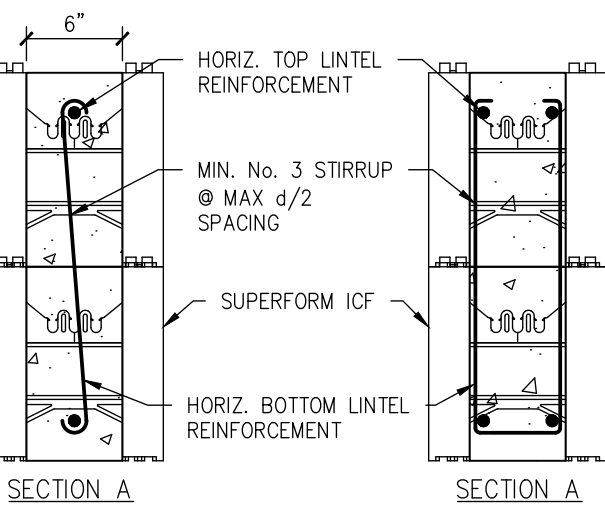
LINTEL DEPTH, D (inches)	NUMBER OF BARS & BAR SIZE IN TOP & BOTTOM OF LINTEL ⁽¹¹⁾	Superform ICF Wall Thickness																					
		4 in		6-6.5in		8in		10in		12in													
		Wall Construction Over																					
		Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable	Concrete Wall	Light-frame Gable												
8	Span without stirrups ⁽⁷⁾⁽⁹⁾	SR	2-6	SR	3-9	SR	5-0	FUTURE EDITION OF SUPERFORM ICF STRUCTURAL GUIDE															
	1-#4	4-9	6-3	4-0	6-6	3-6	6-6																
	1-#5	5-6	7-6	4-9	7-9	4-3	7-9																
	2-#4 1-#6	-	-	5-6	8-9	4-9	8-9																
	2-#5	-	-	-	-	5-9	10-6																
	2-#6	-	-	-	-	-	-																
	Center distance A ⁽⁸⁾	0-0	1-3	0-0	1-9	0-0	2-6																
12	Span without stirrups ⁽⁷⁾⁽⁹⁾	2-3	4-3	2-6	6-3	2-6	8-3					FUTURE EDITION OF SUPERFORM ICF STRUCTURAL GUIDE											
	1-#4	6-3	8-6	5-3	8-6	4-9	8-3																
	1-#5	7-9	10-3	6-6	10-6	5-9	10-3																
	2-#4 1-#6	-	-	7-6	11-9	6-6	11-9																
	2-#5	-	-	9-0	14-3	8-0	14-3																
	2-#6	-	-	10-3	16-3	9-3	16-6																
	Center distance A ⁽⁸⁾	1-0	2-0	1-3	3-0	1-3	4-0																
16	Span without stirrups ⁽⁷⁾⁽⁹⁾	3-3	6-0	3-6	8-9	3-9	11-3									FUTURE EDITION OF SUPERFORM ICF STRUCTURAL GUIDE							
	1-#4	7-6	10-3	6-6	10-0	5-9	9-9																
	1-#5	9-3	12-6	8-0	12-6	7-0	12-3																
	2-#4 1-#6	10-6	14-0	9-0	14-0	8-0	13-9																
	2-#5	12-6	17-0	11-0	17-0	9-9	17-0																
	2-#6	14-3	18-0	12-9	18-0	11-6	18-0																
	Center distance A ⁽⁸⁾	1-6	3-0	1-9	4-3	1-9	5-6																
20	Span without stirrups ⁽⁷⁾⁽⁹⁾	4-3	7-9	4-6	11-0	4-9	14-0													FUTURE EDITION OF SUPERFORM ICF STRUCTURAL GUIDE			
	1-#4	8-6	11-6	7-3	11-3	6-6	11-0																
	1-#5	10-6	14-3	9-0	14-0	8-0	13-9																
	2-#4 1-#6	12-0	16-0	10-3	15-9	9-0	15-6																
	2-#5	14-6	18-0	12-6	18-0	11-3	18-0																
	2-#6	16-9	18-0	14-9	18-0	13-0	18-0																
	Center distance A ⁽⁸⁾	2-0	3-9	2-3	5-6	2-3	7-0																
24	Span without stirrups ⁽⁷⁾⁽⁹⁾	5-3	9-3	5-6	13-3	5-9	16-6	FUTURE EDITION OF SUPERFORM ICF STRUCTURAL GUIDE															
	1-#4	9-6	12-9	8-0	12-3	7-0	12-0																
	1-#5	11-9	15-9	10-0	15-3	8-9	15-0																
	2-#4 1-#6	13-3	17-9	11-3	17-3	10-0	17-0																
	2-#5	16-3	18-0	14-0	18-0	12-3	18-0																
	2-#6	18-0	18-0	16-3	18-0	14-6	18-0																
	Center distance A ⁽⁸⁾	2-6	4-6	2-9	6-6	2-9	8-3																

SEE GENERAL NOTES TO SUPERFORM ICF LINTEL Table 18 – Table 22 ON PAGE 38 FOR REFERENCED SUPERScript TABLE NOTES

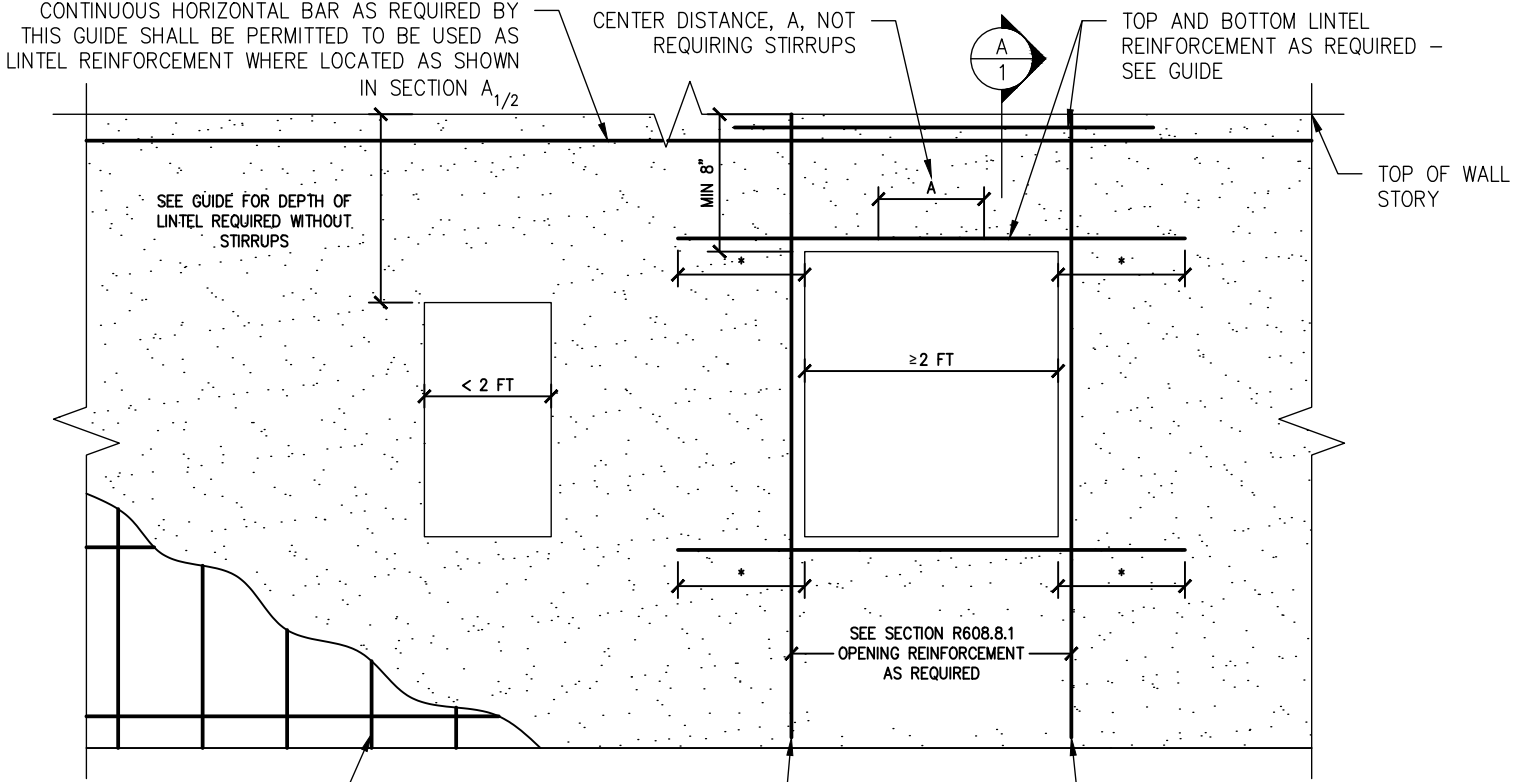


1-1/2 IN. MIN.
2-1/2 IN. MAX.

D
d BAR



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



WALL REINFORCEMENT AS REQUIRED BY THIS GUIDE

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

VERTICAL REINFORCEMENT BESIDE OPENING. SEE IRC R608.8.1.2

DRAWING FOR SUPERFORM ICF STRUCTURAL GUIDE

NOT FOR USE AS CONSTRUCTION DESIGN DOCUMENTS

A
S1 TYP. LINTEL ELEVATION (TYP. ALL WALL THICKNESS')
NOT-TO-SCALE

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CLIENT: SUPERFORM PRODUCTS LTD.	PROJECT: SUPERFORM ICF STRUCTURAL GUIDE	TITLE: SUPERFORM TYP. LINTEL ELEVATION
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1	2023/07/07	FOR PUBLICATION	CB
REV	DATE	ISSUE	APP
DRAWING NO. 5880-SK3-1 DWG SHEET 1 OF 1			DES BW
DATE July 07, 2023			DRN BW
			CHK CB