2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 5th PRINTING (February 28, 2012)

INDEX

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (JULY 14, 2011)

CHAPTER 1
SCOPE AND ADMINISTRATION

R105.2 Work exempt from a permit. …..

Building:

Item 10. …..serve the exit door required by Section ~~311.4~~ 311.2

R110.2 Change in Use. Changes in the character or use of an existing structure shall not be made except as specified in Sections ~~3406~~ 3408 and ~~3407~~ 3409 of the *International Building Code*.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 1
SCOPE AND ADMINISTRATION

R104.10 Modifications. ….intent and purpose of this code and that such modification does not lessen health, life and fire safety, or structural requirements ~~or structural~~.

2009 International Residential Code and Commentary Errata

(Only errata to Commentary are shown-see International Residential Code Errata for Code Errata)

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (Posted: 9-26-13)

CHAPTER 2
DEFINITIONS

R202, ATTIC.

The unfinished space…..of the top story and the roof assembly. ~~Such a space would be the top story, rather than the attic, if it is finished and occupiable.~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 2
DEFINITIONS

FIRE SEPARATION DISTANCE. ….

3. To an imaginary line between two buildings on the *lot*.

The distance shall be measured at a right angle from the face of the wall.

1st through 11th PRINTING (This Errata January 21, 2022)

CHAPTER 3
BUILDING PLANNING

R317.2 Quality Mark

Lumber and plywood required to be pressure-preservative treated in accordance with Section ~~R318.1~~ R317.1 shall bear the quality mark of an approved inspection agency that maintains continuing supervision, testing and inspection over the quality of the product and that has been approved by an accreditation body that complies with the requirements of the American Lumber Standard Committee treated wood program.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 7th PRINTING (September 26, 2012)

CHAPTER 3
BUILDING PLANNING

R301.2.2.2.5, Item 7

7. When stories above grade plane partially or completely braced by wood wall framing in accordance with Section R603 or steel wall framing in accordance with Section R603 include masonry or concrete construction. When this irregularity applies, the entire story shall be designed in accordance with accepted engineering practice

Exception: Fireplaces, chimneys and masonry veneer as permitted by this code. ~~When this irregularity applies, the entire story shall be designed in accordance with accepted engineering practice~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 5th PRINTING (February 28, 2012)

CHAPTER 3
BUILDING PLANNING

R301.2.2.3.3 Masonry construction. Masonry construction in Seismic Design Categories D0 and D1 shall comply with the requirements of Section ~~R~~606.1112.3. Masonry construction in Seismic Design Category D2 shall comply with the requirements of Section R606. ~~1~~112.4.

TABLE R308.3.1(1)

TABLE R308.3.1(1)
MINIMUM CATEGORY CLASSIFICATION OF GLAZING USING CPSC 16 CFR 1201

EXPOSED SURFACE AREA OF ONE SIDE OF ONE LITE	GLAZING IN STORM OR COMBINATION DOORS (Category Class)	GLAZING IN DOORS (Category Class)	GLAZED PANELS REGULATED BY ITEM 3 OF SECTION R308.4 (Category Class)	GLAZED PANELS REGULATED BY ITEM 2 OF SECTION R308.4 (Category Class)	GLAZING IN DOORS AND ENCLOSURES REGULATED BY ITEM 5 OF SECTION R308.4 (Category Class)	SLIDING GLASS DOORS PATIO TYPE (Category Class)
9 square feet or less	I	I	NR	I	II	II
More than 9 square feet	II	II	II	II	II	II

For SI: 1 square foot = 0.0929 m^2.
NR means "No Requirement."

R318.1 Subterranean termite control methods. In areas subject to damage from termites as indicated by Table R301.2(1), methods of protection shall be one of the following methods or a combination of these methods:

1. Chemical termiticide treatment, as provided in Section R318.2.

2. Termite baiting system installed and maintained according to the *label*.

3. Pressure-preservative-treated wood in accordance with the provisions of Section R317.1.

4. Naturally durable termite-resistant wood and used in locations as specified in Section R318.1.

5. Physical barriers as provided in Section R318.3 ~~and used in locations as specified in Section R318.1.~~

6. Cold-formed steel framing in accordance with Sections R505.2.1 and R603.2.1.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (Posted: 11-29-2011)

CHAPTER 3
BUILDING PLANNING

Figure R301.2(5) corrections as follows:

1. At the center of the State of North Dakota, the ground snow load shown as 36 should read 35.
2. At the State of Pennsylvania, the elevation shown as 700 (2 places) should read 1700.

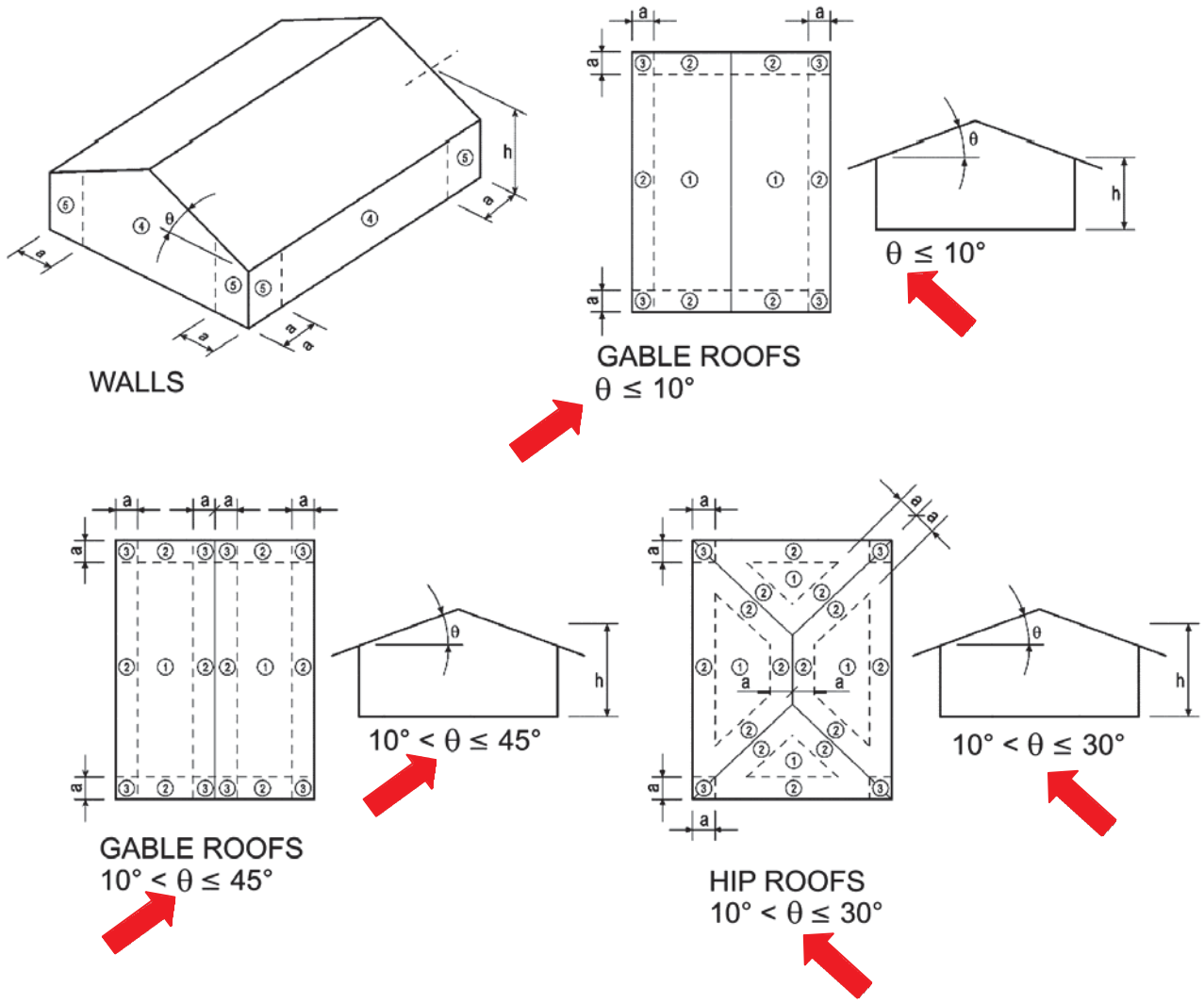
2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (JULY 14, 2011)

CHAPTER 3
BUILDING PLANNING

FIGURE R301.2(7)
COMPONENT AND CLADDING PRESSURE ZONES



R301.2.1.2 Protection of openings. …..

Exception: Wood structural…..Panels shall be precut so that they can be ~~and~~ attached to the framing….

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

TABLE R308.3.1(1) MINIMUM CATEGORY CLASSIFICATION OF GLAZING USING CPSC 16 CFR 1201

EXPOSED SURFACE AREA OF ONE SIDE OF ONE LITE	GLAZING IN STORM OR COMBINATION DOORS (Category Class)	GLAZING IN DOORS (Category Class)	GLAZED PANELS REGULATED BY ITEM ~~7~~ 4 OF SECTION R308.4 (Category Class)	GLAZED PANELS REGULATED BY ITEM ~~6~~ 2 OF SECTION R308.4 (Category Class)	GLAZING IN DOORS AND ENCLOSURES REGULATED BY ITEM 5 OF SECTION R308.4 (Category Class)	SLIDING GLASS DOORS PATIO TYPE (Category Class)
9 square feet or less	I	I	NR	I	II	II
More than 9 square feet	II	II	II	II	II	II

TABLE R308.3.1(2) MINIMUM CATEGORY CLASSIFICATION OF GLAZING USING ANSI Z97.1

EXPOSED SURFACE AREA OF ONE SIDE OF ONE LITE	GLAZED PANELS REGULATED BY ITEM ~~7~~ 3 OF SECTION R308.4 (Category Class)	GLAZED PANELS REGULATED BY ITEM ~~6~~ 2 OF SECTION R308.4 (Category Class)	DOORS AND ENCLOSURES REGULATED BY ITEM 5 OF SECTION R308.4[a] (Category Class)

R310.3 Bulkhead enclosures. …..Bulkhead enclosures shall also comply with Section ~~R~~311.7.8 9.2

R311.7.5 Landings for stairways. ….

Exception: A floor ….over the stairs. ~~A flight of stairs shall not have a vertical rise larger than 12 feet (3658 mm) between floor levels or landings. The width of each landing shall not be less that the width of the stairway served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel.~~

A flight of stairs shall not have a vertical rise larger than 12 feet (3658 mm) between floor levels or landings.

The width of each landing shall not be less that the width of the stairway served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel.

R316.6 Specific approval. …NFPA 286 with the acceptance criteria of Section R302.9.4, FM4880, ~~UL 723,~~ UL1040 or…..

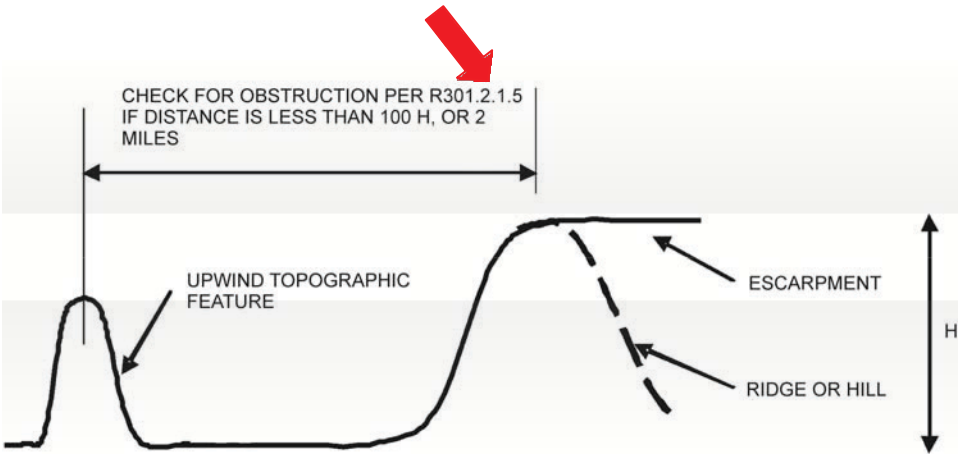
2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 3
BUILDING PLANNING

FIGURE R301.2.1.5.1(3)
ILLUSTRATION OF WHERE ON A TOPOGRAPHIC FEATURE, WIND SPEED INCREASE IS APPLIED



R301.2.2.1.1 Alternate determination of seismic design category. ….and to interpolate between values in Tables ~~R~~602.10.1 R602.10.1(2), ~~R603.7~~ R603.9.2(1) and other seismic design requirements of this code.

TABLE R301.5
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (in pounds er square foot)

……

Note g. For attics…….

1. The attic area is accessible by a pull down stairway or framed opening in accordance with Section R807.1.

TABLE R302.1
EXTERIOR WALLS

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Penetrations	All	Comply with Section ~~R317.3~~ R302.4	< 5 feet
		None required	5 feet

R308.4 Hazardous locations. ….

7. Glazing…

Exceptions:

2. The side …. complying with Sections ~~R~~311.7.6 7 and ….

8. Glazing …

Exceptions:

1. The side … complying with Sections ~~R~~311.7.6 7 and ….

R317.3.2 Fastenings for wood foundations. Fastenings … in AF&PA ~~Technical Report No. 7~~ PWF.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 3
BUILDING PLANNING

FIGURE R301.2.1.5.1(3)
ILLUSTRATION OF ~~WHERE ON A TOPOGRAPHIC FEATURE, WIND SPEED INCREASE IS APPLIED~~ UPWIND OBSTRUCTION

TABLE R302.1
EXTERIOR WALLS

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCES
Walls	(Fire-resistance rated)	1 hour –tested in accordance with ASTM E 119 or UL 263 with exposure ~~form~~ from both sides	< 5 feet
	(Not fire-resistance rated)	0 hours	;: 5 feet

1st through 11th PRINTING (July 19, 2019)

CHAPTER 4

FOUNDATIONS

TABLE R403.3(2)

AIR-FREEZING INDEX FOR U.S. LOCATIONS BY COUNTY

STATE	AIR-FREEZING INDEX					
	1500 or less	2000	2500	3000	3500	4000
Montana	Mineral	Broadwater, Golden Valley, Granite, Lake, Lincoln, Missoula, Ravalli, Sanders, Sweet Grass	Big Horn, Carbon, Jefferson, Judith Basin, Lewis and Clark, Meagher, Musselshell, Powder River, Powell, Silver Bow, Stillwater, Westland	Carter, Cascade, Deer Lodge, Falcon, Fergus, Flathead, ~~Gallanting~~ Gallatin, Glacier, Madison, Park, Petroleum, Ponder, Rosebud, Teton, Treasure, Yellowstone	Beaverhead, Blaine, Chouteau, Custer, Dawson, Garfield, Liberty, McCone, Prairie, Toole, Wibaux	Daniels, Hill, Phillips, Richland, Roosevelt, Sheridan, Valley

Portions of table not shown remain unchanged.

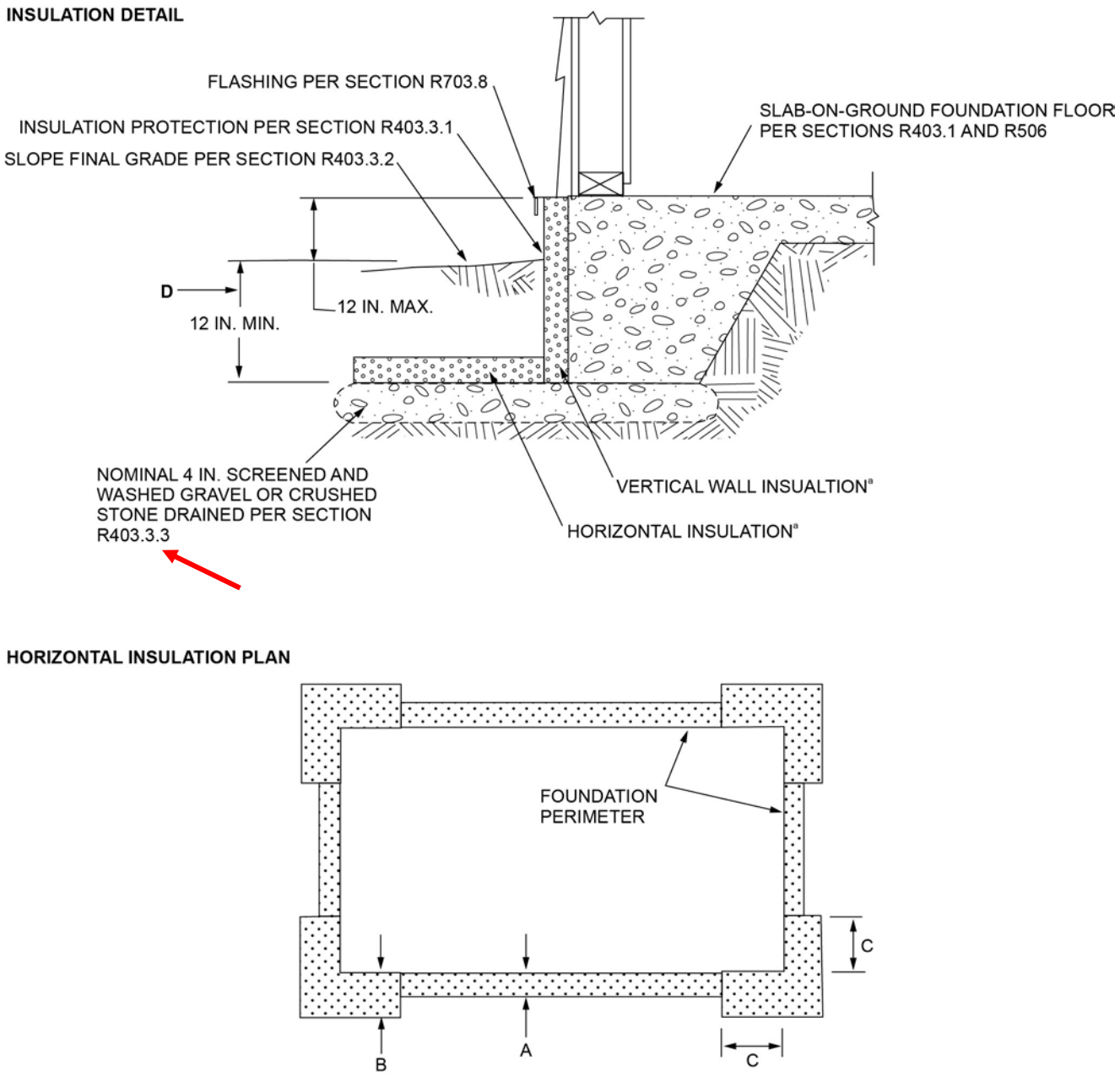
2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 9th PRINTING (November 7, 2014)

CHAPTER 4
FOUNDATIONS

FIGURE R403.3(1):



For SI: 1 inch = 25.4 mm.

a. See Table R403.3(1) for required dimensions and *R-values* for vertical and horizontal insulation and minimum footing depth

FIGURE R403.3(1)
INSULATION PLACEMENT FOR FROST PROTECTED FOOTINGS IN HEATED BUILDINGS

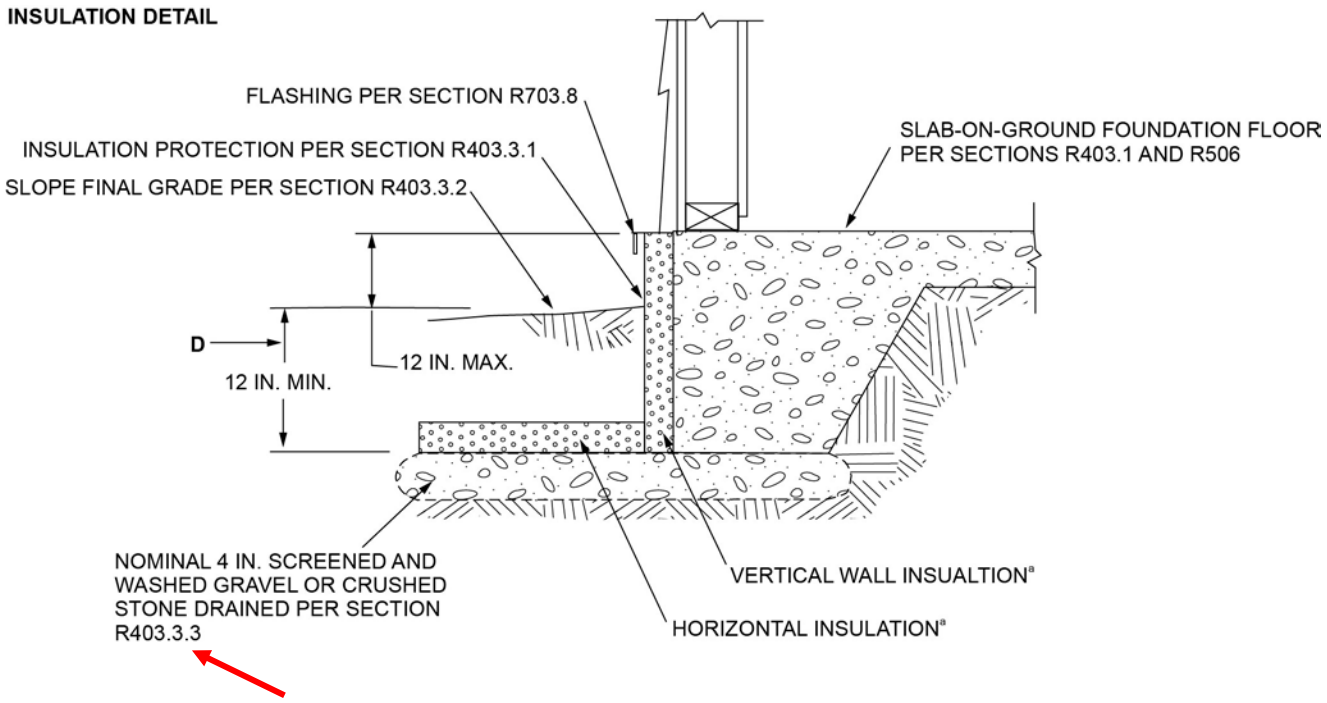
2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 9th PRINTING (November 3, 2014)

CHAPTER 4
FOUNDATIONS

FIGURE R403.3(1):



For SI: 1 inch = 25.4 mm.

a. See Table R403.3(1) for required dimensions and *R-values* for vertical and horizontal insulation and minimum footing depth

FIGURE R403.3(1)
INSULATION PLACEMENT FOR FROST PROTECTED FOOTINGS IN HEATED BUILDINGS

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 7th PRINTING (12-04-2012)

CHAPTER 4
FOUNDATIONS

TABLE R403.4

TABLE R403.4
MINIMUM DEPTH OF CRUSHED STONE FOOTINGS (*D*), (inches)

		LOAD BEARING VALUE OF SOIL (psf)															
		1500				2000				3000				4000			
		MH, CH, CL, ML				SC, GC, SM, GM, SP, SW				GP, GW							
		Wall width (inches)				Wall width (inches)				Wall width (inches)				Wall width (inches)			
		6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Conventional light-frame construction																	
1-story	1100 plf	6	4	4	4	6	4	4	4	6	4	4	4	6	4	4	4
2-story	1800 plf	8	6	4	4	6	4	4	4	6	4	4	4	6	4	4	4
3-story	2000 plf	16	14	12	10	10	8	6	6	6	4	4	4	6	4	4	4
4-inch brick veneer over light-frame or 8-inch hollow concrete masonry																	
1-story	1500 plf	6	4	4	4	6	4	4	4	6	4	4	4	6	4	4	4
2-story	2700 plf	14	12	10	8	10	8	6	4	6	4	4	4	6	4	4	4
3-story	4000 plf	22	22	20	18	16	14	12	10	10	8	6	4	6	4	4	4
8-inch solid or fully grouted masonry																	
1-story	2000 plf	10	8	6	4	6	4	4	4	6	4	4	4	6	4	4	4
2-story	3600 plf	20	18	16	16	14	12	10	8	8	6	4	4	6	4	4	4
3-story	5300 plf	32	30	28	26	22	22	20	18	14	12	10	8	10	8	6	4

For SI: 1 inch = 25.4 mm, 1 pound per square inch = 6.89 kPa.

1 plf = 14.6 N/m 1 pounds per square foot = 47.9 N/m^2

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 6th PRINTING (Posted: 06-06-12)

CHAPTER 4
FOUNDATIONS

R404.1.2.2 Reinforcement for foundation walls. Concrete…..Vertical reinforcement for flat basement walls…in accordance with Table R404.1.2~~(9)~~ (8). For *basement* walls….

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 5th PRINTING (9-19-2011)

CHAPTER 4
FOUNDATIONS

R403.1.8 Foundations on expansive soils. Foundation and floor slabs for buildings located on expansive soils shall be designed in accordance with Section ~~1805.8~~ 1808.6 of the *International Building Code* .

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (JULY 14, 2011)

CHAPTER 4
FOUNDATIONS

TABLE R404.1.1(3)
10-INCH MASONRY FOUNDATION WALLS WITH REINFORCING….

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 4
FOUNDATIONS

FIGURE R403.1.7.1
FOUNDATION CLEARANCE FROM SLOPES

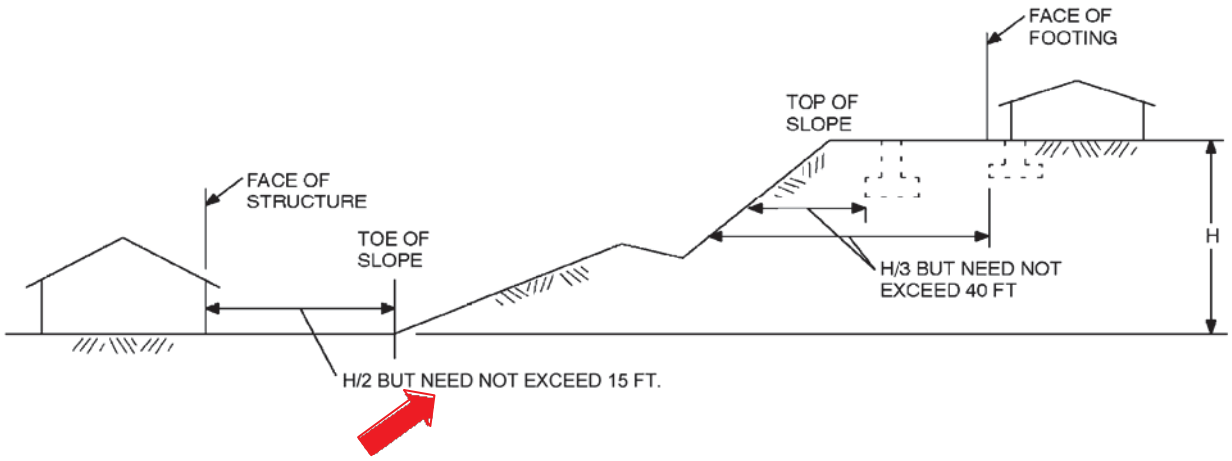


TABLE R403.4
MINIMUM DEPTH OF CRUSHED STONE FOOTINGS (*D*), (inches)

		LOAD BEARING VALUE OF SOIL (psf)															
		1500				2000				3000				4000			
		MH, CH, CL, ML				SC, GC, SM, GM, SP, SW				GP, GW							
		Wall width (inches)				Wall width (inches)				Wall width (inches)				Wall width (inches)			
		6	8	10	12	6	8	10	12	6	8	10	12	6	8	10	12
Conventional light-frame construction																	
1-story	1100 plf	6	4	4	4	6	4	4	4	6	4	4	4	6	4	4	6
2-story	1800 plf	8	6	4	4	6	4	4	4	6	4	4	4	6	4	4	4
3-story	~~2000~~ 2900 plf	16	14	12	10	10	8	6	6	6	4	4	4	6	4	4	4

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 4
FOUNDATIONS

R404.1.1 Design of masonry foundation walls. Masonry foundation walls ……accordance with the provisions of ~~ACI530/ASCE 5/TMS 402~~ TMS402/ACI 530/ASCE 5 or NCMA TR68ŦA. When ~~ACI530/ASCE 5/TMS 402~~ TMS 402/ACI 530/ASCE 5, NCMA TR68ŦA or the provisions ……

R404.1.2.3.7.2 Location of reinforcement in wall. The center of vertical reinforcement in *basement* walls determined from Tables ~~R404.1.2(3)~~ R404.1.2 (2) through R404.1.2(7) shall be located at the centerline of the wall. Vertical reinforcement in *basement* walls determined from Table~~s R404.1.2(2) or~~ R404.1.2(8) shall be located ……

1st through 5th PRINTING (Posted: 12-06-2011)

CHAPTER 5
FLOORS

R502.1.1 Preservative-treated lumber. Preservative treated dimension lumber shall also be identified as required by Section ~~R319.1.~~ R317.2.

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 5
FLOORS

TABLE R503.2.1.1(1)
ALLOWABLE SPANS AND LOADS FOR WOOD STRUCTURAL PANELS FOR ROOF AND SUBFLOOR SHEATHING AND COMBINATION SUBFLOOR UNDERLAYMENT[a,b,c]

SPAN RATING	MINIMUM NOMINAL PANEL THICKNESS (Inch)	ALLOWABLE LIVE LOAD (psf)[h,l]		MAXIMUM SPAN (inches)		LOAD (pounds per square foot, at maximum span)		MAXIMUM SPAN (inches)
		SPAN @ 16" o.c.	SPAN @ 24" o.c.	With edge support[d]	Without edge support	Total load	Live load	
Sheathing[e]				Roof[f]				Subfloor[j]
48/24	23/32, ~~3/48~~ 3/4	-	175	48	36	45	35	24

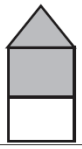
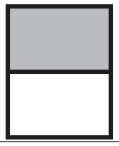
2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 10th PRINTING (April 15, 2014)

CHAPTER 6
WALLS

TABLE R602.3(5)
SIZE, HEIGHT AND SPACING OF WOOD STUDS[a]

STUD SIZE (inches)	BEARING WALLS					NONBEARING WALLS	
	Laterally unsupported stud height[a] (feet)	Maximum spacing when supporting a roof-ceiling assembly or a habitable attic assembly, only (inches)	Maximum spacing when supporting one floor, plus a roof-ceiling assembly or a habitable attic assembly (inches)	Maximum spacing when supporting two floors, plus a roof-ceiling assembly or a habitable attic assembly (inches)	Maximum spacing when supporting one floor height[a] (inches)	Laterally unsupported stud height[a] (feet)	Maximum spacing (inches)
							

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 7th PRINTING (Posted: October 3, 2012)

CHAPTER 6
WALL CONSTRUCTION

TABLE R611.7(1C)

TABLE R611.7(1C)
UNREDUCED LENGTH, *UR*, OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE[a,c,d,e,f,g]

SIDEWALL LENGTH (feet)	ENDWALL LENGTH (feet)	ROOF SLOPE	UNREDUCED LENGTH, *UR*, OF SOLID WALL REQUIRED IN SIDEWALLS FOR WIND PARALLEL TO RIDGE (feet)						
			Basic Wind Speed (mph) Exposure						
			85B	90B	100B	110B	120B	130B	
					85C	90C	100C	110C	
						85D	90D	100D	
			One story or top story of two-story						Minimum[b]
		< 1:12	0.95	1.06	1.31	1.59	1.89	2.22	0.90

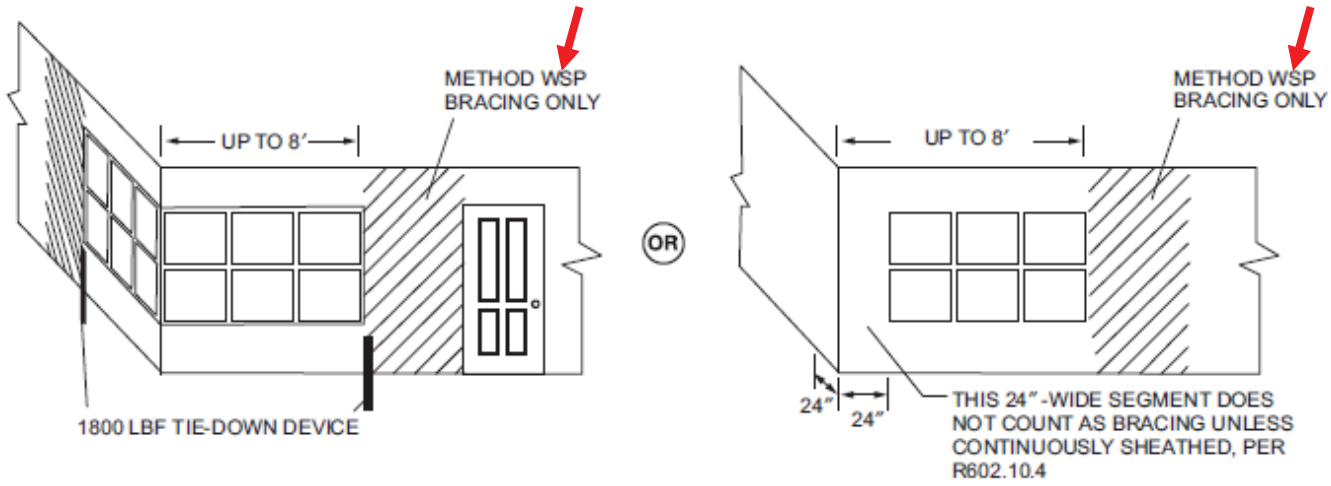
TABLE R611.7(1C)—continued
UNREDUCED LENGTH, *UR*, OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE FIRST STORY OF TWO-STORY[a,c,d,e,f,g]

SIDEWALL LENGTH (feet)	ENDWALL LENGTH (feet)	ROOF SLOPE	UNREDUCED LENGTH, *UR*, OF SOLID WALL REQUIRED IN SIDEWALLS FOR WIND PARALLEL TO RIDGE (feet)						
			Basic Wind Speed (mph) Exposure						
			85B	90B	100B	110B	120B	130B	
					85C	90C	100C	110C	
						85D	90D	100D	
		< 1:12	7.34	8.22	10.17	12.29	14.62	17.16	7.85

1st through 5th PRINTING (February 28, 2012)

CHAPTER 6
WALL CONSTRUCTION

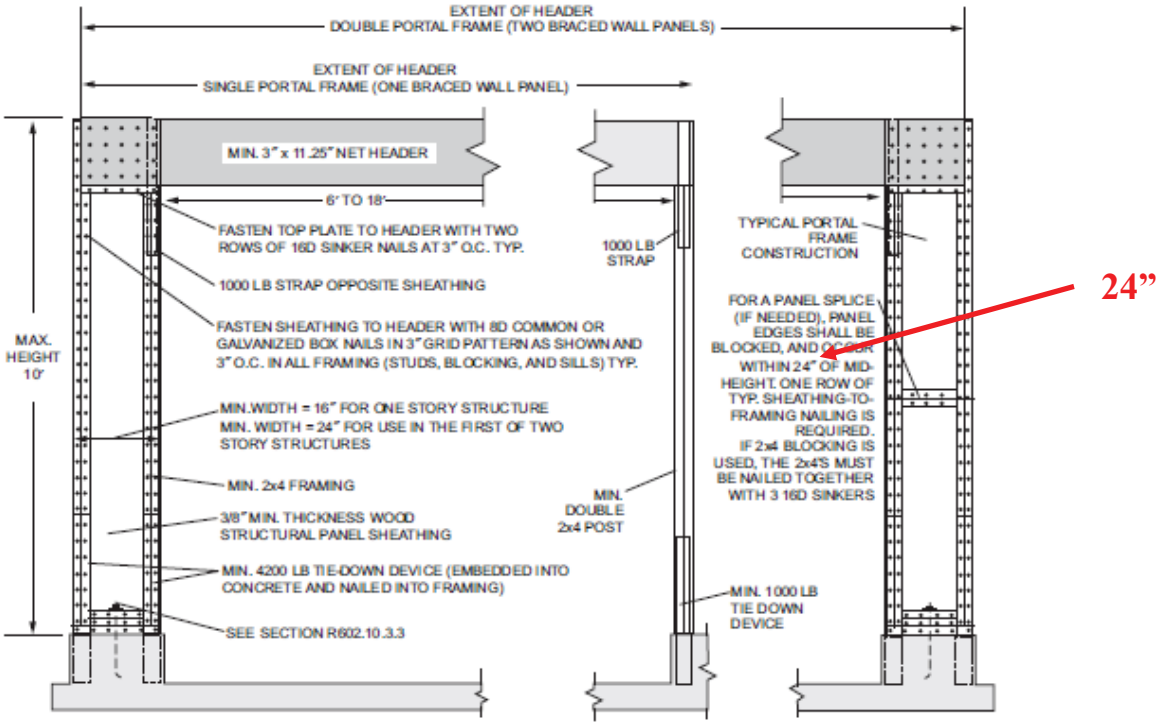
FIGURE R602.10.1.4.1



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound force = 4,448 N.

FIGURE R602.10.1.4.1
BRACED WALL PANELS AT ENDS OF BRACED WALL LINES IN SEISMIC DESIGN CATEGORIES D_0, D_1 AND D_2

FIGURE R602.10.3.4

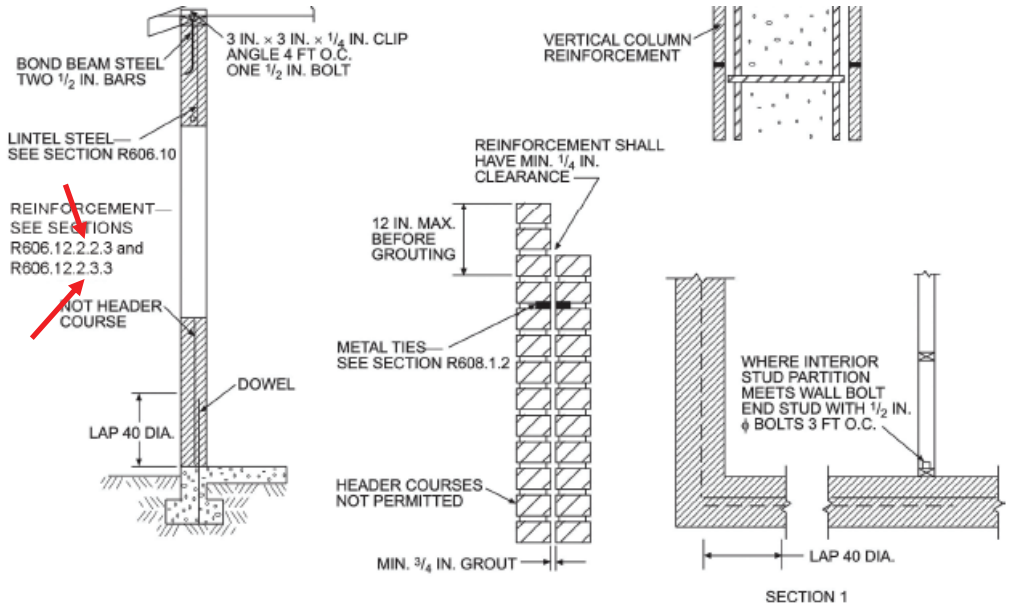


For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound force = 4.448 N.

FIGURE R602.10.3.3
METHOD PFH: PORTAL FRAME WITH HOLD-DOWNS

FIGURE R603.6(2)

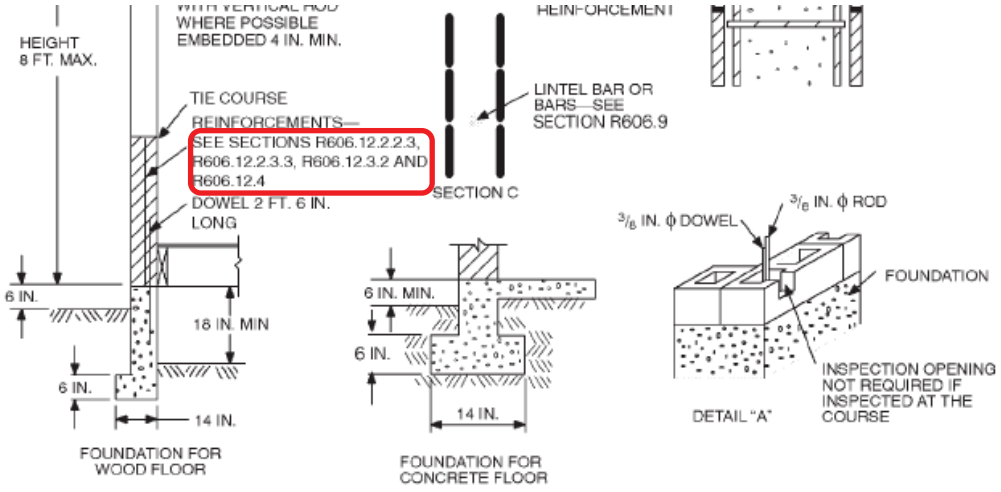
FIGURE R606.11.2



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

FIGURE R606.11(2)
REQUIREMENTS FOR REINFORCED GROUTED MASONRY CONSTRUCTION IN SEISMIC DESIGN CATEGORY C

FIGURE R606.11(3)



NOTE: A full bed joint must be provided. All cells containing vertical bars are to be filled to the top of wall and provide inspection opening as shown on detail "A." Horizontal bars are to be laid as shown on detail "B." Lintel bars are to be laid as shown on Section C.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

FIGURE R606.11(3)
REQUIREMENTS FOR REINFORCED MASONRY CONSTRUCTION IN SEISMIC DESIGN CATEGORY D_0, D_1, OR D_2

TABLE R611.8(2)

TABLE R611.8(2)
MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH NOMINAL THICK FLAT LINTELS IN LOAD-BEARING WALLS[a, b, c, d, e, f, m]
ROOF CLEAR SPAN 40 FEET AND FLOOR CLEAR SPAN 32 FEET

LINTEL DEPTH, D[g] (inches)	NUMBER OF BARS AND BAR SIZE IN TOP AND BOTTOM OF LINTEL	STEEL YIELD STRENGTH[h], f_y (psi)	DESIGN LOADING CONDITION DETERMINED FROM TABLE R611.8(1)								
			1	2		3		4		5	
			Maximum ground snow load (psf)								
				30	70	30	70	30	70	30	70
			Maximum clear span of lintel (feet - inches)								

1st through 4th PRINTING (Posted: 11-29-2011)

CHAPTER 6
WALL CONSTRUCTION

TABLE R602.3(1)
FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

Other wall sheathing[h]				
34	½" structural cellulosic fiberboard sheathing	1 ½" galvanized roofing nail, 7/16" crown or 1" crown staple 16 ga., 1 1/4" long	3	6

1st through 4th PRINTING (Posted: August 11, 2011)

CHAPTER 6
WALL CONSTRUCTION

Table R602.3(1)

TABLE R602.3(1)
FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

ITEM	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER[b,c,e]	SPACING OF FASTENERS	
			Edges (inches)[i]	Intermediate supports[c,e] (inches)
Wood structural panels, subfloor, roof and interior wall sheathing to framing and particle board wall sheathing to framing				
30	3/8" – ½"	6d common (2"x 0.113") nail (subfloorwall)[j] 8d common (2 ½" x 0.131") nail (roof)[f]	6	12[g]

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (JULY 14, 2011)

CHAPTER 6
WALL CONSTRUCTION

TABLE R602.3(2)….

Note f. Hardboard underlayment shall conform to CPA/ANSI/~~AHA~~ A135.4

FIGURE R602.10.3.3
METHOD PFH: PORTAL FRAME WITH HOLD-DOWNS

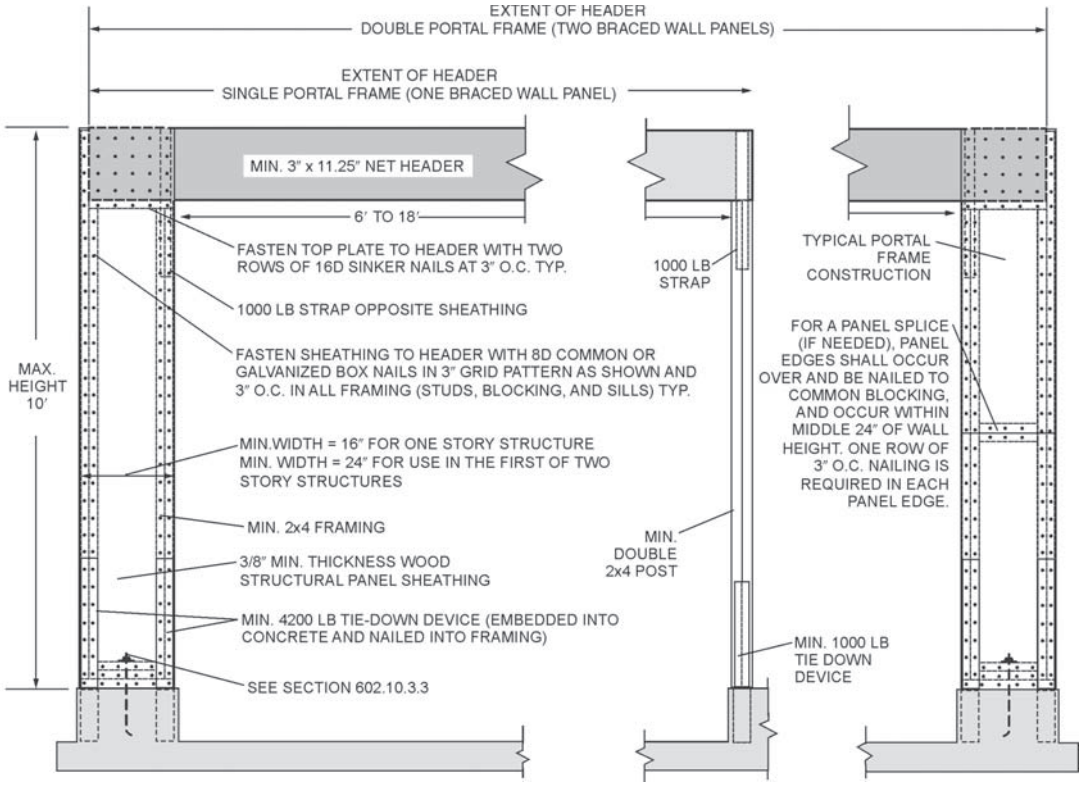
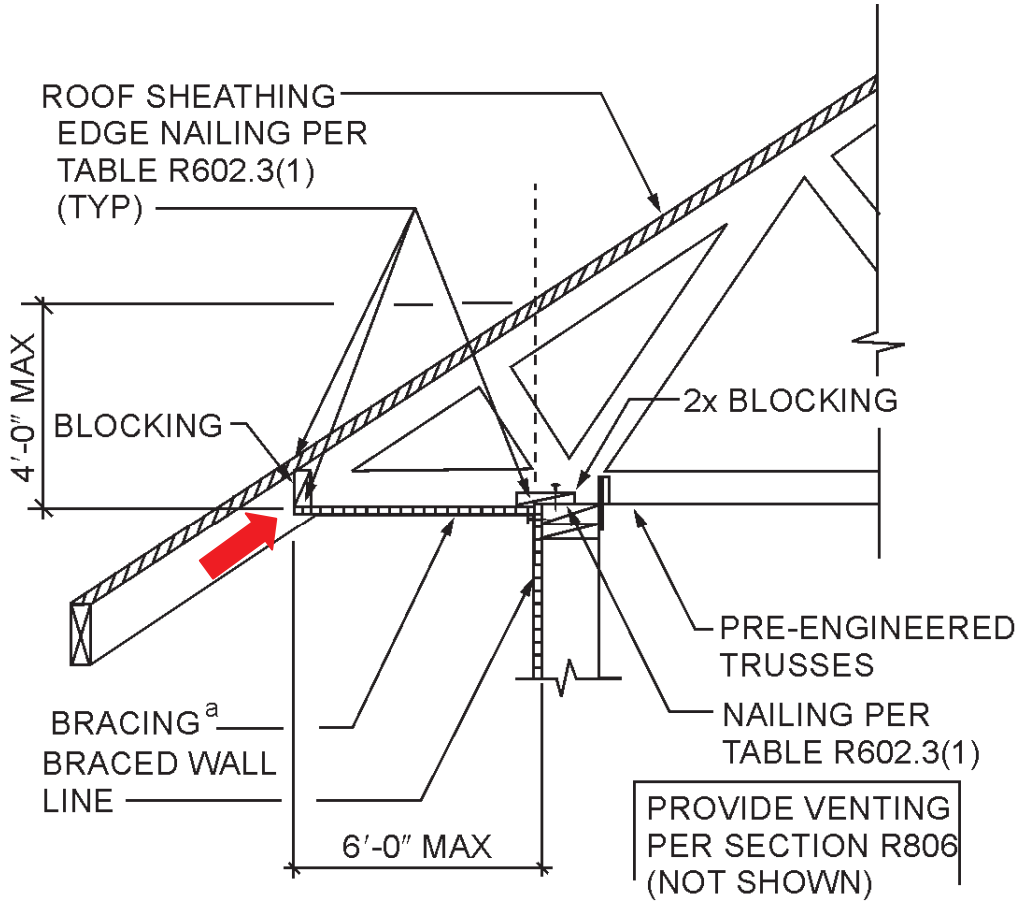


FIGURE R602.10.6.2(2)
BRACED WALL PANEL CONNECTION OPTION TO PERPENDICULAR RAFTERS OR ROOF TRUSSES



a. METHODS OF BRACING SHALL BE AS DESCRIBED IN SECTION R602.10.2 METHOD DWB, WSP, SFT, BG, PBS, PCP OR HPS

TABLE R611.8(2)
MAXIMUM ALLOWABLE CLEAR SPANS FOR 4-INCH NOMINAL THICK FLAT LINTELS IN LOAD-BEARING WALLS[a, b, c, d, e, f, m]
ROOF CLEAR SPAN 40 FEET AND FLOOR CLEAR SPAN 32 FEET

LINTEL DEPTH, D^g (inches)	NUMBER OF BARS AND BAR SIZE IN TOP AND BOTTOM OF LINTEL	STEEL YIELD STRENGTH[h], f_y(psi)	DESIGN LOADING CONDITION DETERMINED FROM TABLE R611.8(1)								
			1	2		3		4		5	
			MAXIMUM GROUND SNOW LOAD (psf)								
				30	70	30	70	30	70	30	70
			Maximum clear span of lintel (feet - inches)								

1st through 4th PRINTING (SEPTEMBER 14, 2009)

CHAPTER 6
WALL CONSTRUCTION

TABLE R602.3(1)
FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER[a, b, c]	SPACING OF FASTENERS
Wall			
13	Double top plates, minimum ~~48~~ 24-inch offset of end joints, face nail in lapped area	8-16d (3 ½" x 0.135")	—

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CHAPTER 6
WALL CONSTRUCTION

TABLE R602.10.1.2(3)
ADJUSTMENT FACTORS TO THE LENGTH OF REQUIRED SEISMIC WALL BRACING[a]

ADJUSTMENT BASED ON:			MULTIPLY LENGTH OF BRACING PER WALL LINE BY:	APPLIES TO:
Roof/ceiling dead load for wall supporting[b]	roof only or roof plus one story	≤ 15 psf	1.0	
	roof only	<15 psf ≤ 25 psf	~~1.1~~ 1.2	
	roof plus one story	<15 psf ≤ 25 psf	~~1.2~~ 1.1	
Walls with stone or masonry veneer in SDC-C-D_2		See Section R703.7		
Cripple walls		See Section R602.10.9		

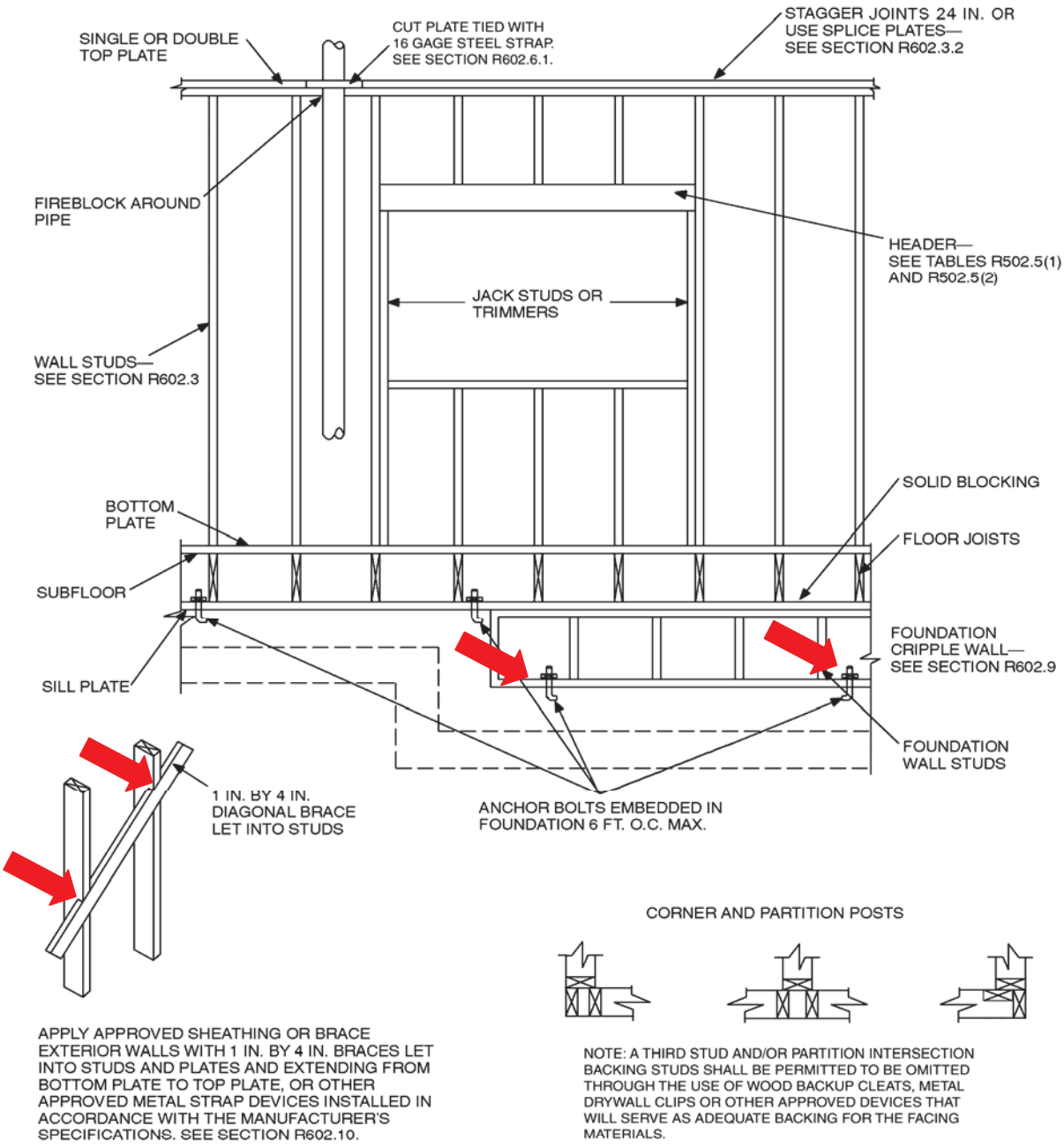
1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 6
WALL CONSTRUCTION

TABLE R602.3(1)
FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

ITEM	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER	SPACING OF FASTENERS	
			Edges (inches)[i]	Intermediate supports[c,e] (inches)
Wood structural panels. Subfloor, roof and interior wall sheathing to				
~~31~~	~~5/16" – ½"~~	~~6dcommon (2" x 0.113) nail (subfloor, wall) 8d common (2 ½" – 0.131") nail (roof)[f]~~	~~6~~	~~12[g]~~
~~32~~ 31				
~~33~~ 32				
~~34~~ 33				
~~35~~ 34				
~~36~~ 35				
~~37~~ 36				
~~38~~ 37				
~~39~~ 38				
~~40~~ 39				

FIGURE R602.3(2)
FRAMING DETAILS



FIGURER602.6.1
TOP PLATE FRAMING TO ACCOMMODATE PIPING

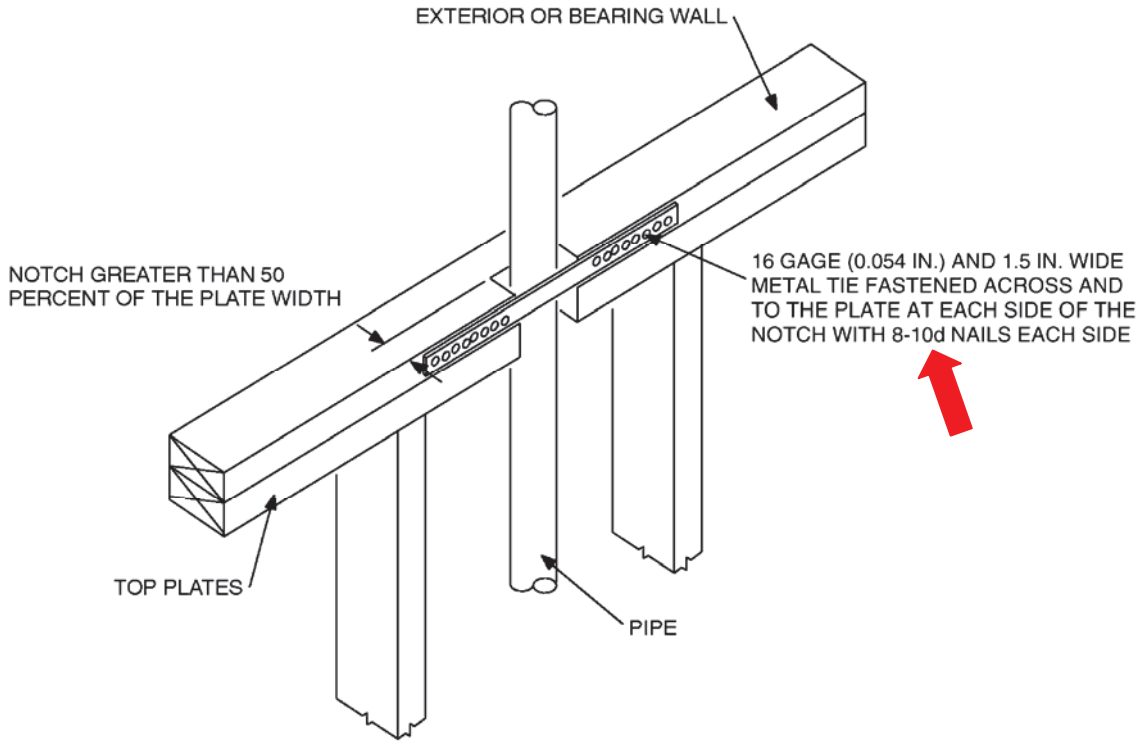


TABLE R602.10.1.2(1)[a,b,c,d,e]
BRACING REQUIREMENTS BASED ON WIND SPEED
(as a function of braced wall line spacing)

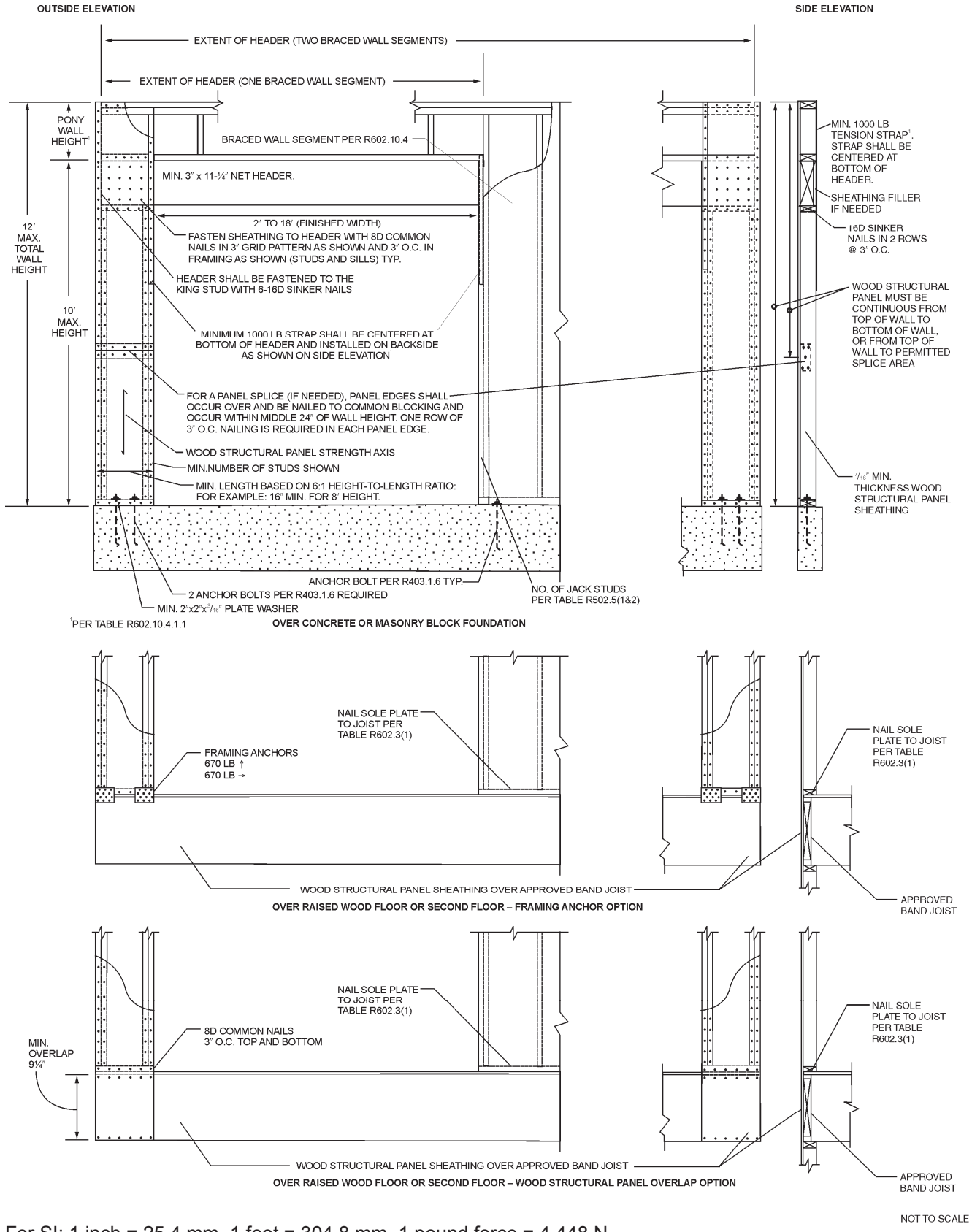
EXPOSURE CATEGORY B, 30 FT MEAN ROOF HEIGHT, 10 FT EAVE TO RIDGE HEIGHT, 10 FT WALL HEIGHT, 2 BRACED WALL LINES			MINIMUM TOTAL LENGTH (feet) OF BRACED WALL PANELS REQUIRED ALONG EACH BRACED WALL LINE			
Basic Wind Speed (mph)	**Story Location**	**Braced Wall Line Spacing (feet)**	**Method LIB[g, h]**	**Method GB (double sided)[a]**	**Methods DWB, WSP, SFB, PBS, PCP, HPS[f],**	**Continuous Sheathing**

For SI: 1 foot = 304.8 mm, 1 inch = 25.4 mm, 1 mile per hour = 0.447 m/s, 1 pound force = 4.448 N.

a. Tabulated bracing lengths are based on Wind Exposure Category B, a 30-ft mean roof height, a 10-ft eave to ridge height, a 10-ft wall height, and two braced wall lines sharing load in a given plan direction on a given story level. Methods of bracing shall be as described in Sections R602.10.2, R602.10.4 and R602.10.5. Interpolation shall be permitted.

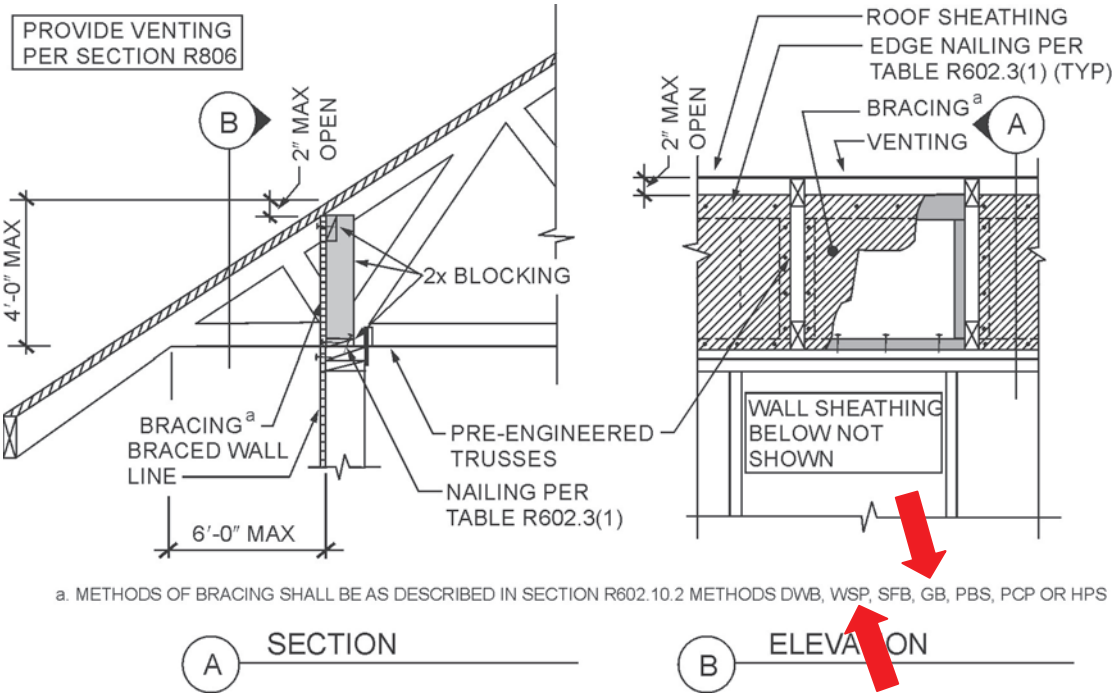
b. For other mean roof heights and exposure categories, the required bracing length shall be multiplied by the appropriate factor from the following table:

Figure R602.10.4.1.1
METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
REPLACE FIGURE IN ITS ENTIRETY WITH THE FOLLOWING:



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound force = 4.448 N.

FIGURE R602.10.6.2(3)
BRACED WALL PANEL CONNECTION OPTION TO PERPENDICULAR RAFTERS OR ROOF TRUSSES



R603.3.3 Stud bracing.…..

3. Sheathing on one side and strapping on the other side fastened in accordance with Figure R603.3.3(2). Sheathing shall be installed in accordance with Item 1. Steel straps shall be installed in accordance with Item 2.

TABLE R603.3.2(30)
40-FOOT-WIDE BUILDING SUPPORTING TWO FLOORS, ROOF AND CEILING[a,b,c]
33 ksi STEEL

Figure ~~601.6(2)~~ R603.6(2)
BACK-TO-BACK HEADER

TABLE R603.6(23)
BACK-TO-BACK HEADER
Headers Supporting Two Floors, Roof and Ceiling (~~50~~ 33 ksi steel)[a,b]

R604.3 Installation. Wood structural….in accordance with Table R602.3(1) or Table R602.3(3). Wood panels….

TABLE R607.1
MORTAR PROPORTIONS[a,b]

……

Note c. Hydrated lime conforming to the requirements of ASTM C 270.

R608.2.2 Masonry laid in stack bond. Where unit masonry is laid with less head joint offset that in Section ~~R607.2.1~~ R608.2.1. the minimum area……

R613.5 Wall construction. Exterior walls…….Framing shall be attached in accordance with ~~Section~~ Table R602.3(1) unless ……

FIGURE R613.5(3)
TRUSSED ROOF TO TOP PLATE CONNECTION

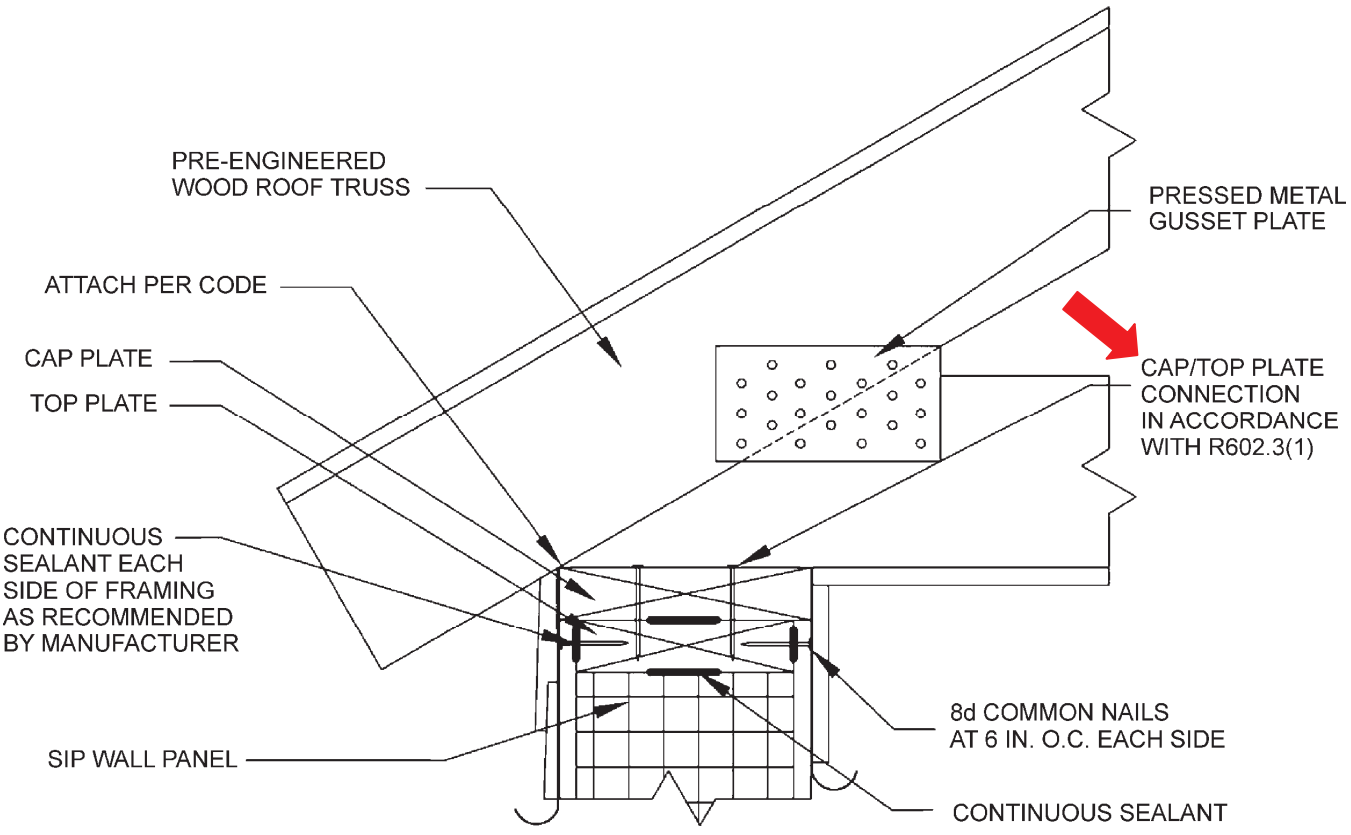


TABLE ~~R614.10~~ R613.10
MAXIMUM SPANS FOR 11-7/8 DEEP SIP HEADERS (feet)

2009 International Residential Code Errata

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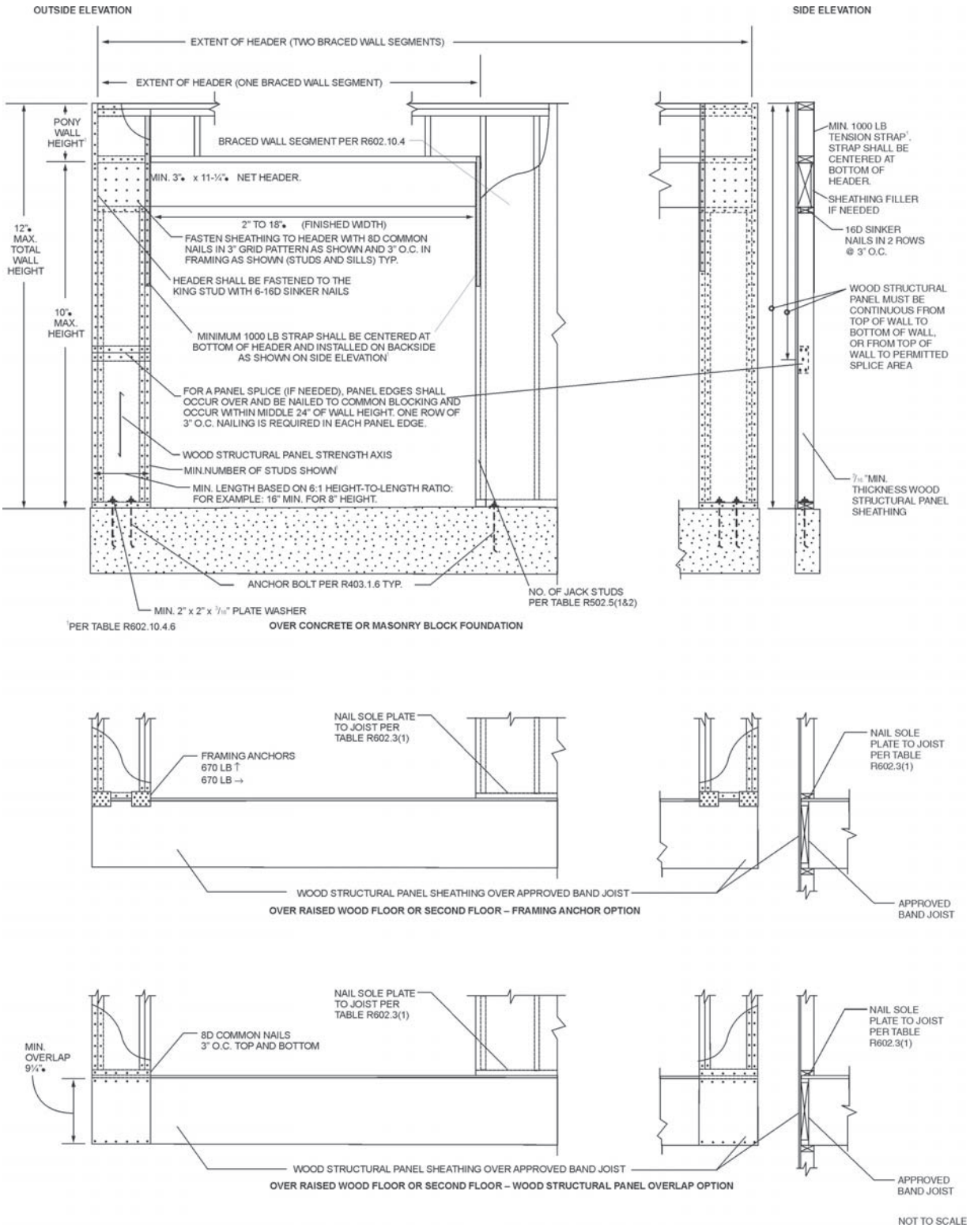
1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 6
WALL CONSTRUCTION

FIGURER602.10.4.1.1
METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
REPLACE FIGURE IN ITS ENTIRETY WITH THE FOLLOWING:



R606.1 General. Masonry construction shall be designed and constructed in accordance with the provisions of this section or in accordance with the provisions of ~~ACI 530/ASCE 5/TMS 402~~ TMS 402/ACI 530/ASCE 5.

R606.1.1 Professional registration not required. When the empirical design provisions of ~~ACI 530/ASCE 5/TMS 402~~ TMS 402/ACI 530/ASCE 5 Chapter 5 or the provisions of this section are used to design masonry, project drawings, typical details and specifications are not required to bear the seal of the architect or engineer responsible for design, unless otherwise required by the state law of the *jurisdiction* having authority.

R606.12.1 General. Masonry structures and masonry elements shall comply with the requirements of Sections R606.12.2 through R606.12.4 based on the seismic design category established in Table R301.2(1). Masonry structures and masonry elements shall comply with the requirements of Section R606.12 and Figures R606.11(1), R606.11(2) and R606.11(3) or shall be designed in accordance with ~~ACI 530/ASCE 5/TMS 402~~ TMS 402/ACI 530/ASCE 5.

R606.12.2.3.1 Connections to masonry shear walls. Connectors shall be provided to transfer forces between masonry walls and horizontal elements in accordance with the requirements of ~~Section 2.1.8 of ACI 530/ASCE 5/TMS 402~~ Section 1.7.4 of TMS 402/ACI 530/ASCE 5. Connectors shall be designed …..

.

R606.12.2.3.2 Connections to masonry columns. Connectors shall be provided to transfer forces between masonry columns and horizontal elements in accordance with the requirements of ~~Section 2.1.8 of ACI 530/ASCE 5/TMS 402~~ Section 1.7.4 of TMS 402/ACI 530/ASCE 5. Where anchor bolts are used to …..

R606.12.3.1 Design requirements. Masonry elements other than those covered by Section R606.12.2.2.2 shall be designed in accordance with the requirements of Chapter 1 and Sections 2.1 and 2.3 of ~~ACI 530/ASCE 5/TMS 402~~ TMS 402/ACI 530/ASCE 5 and shall meet the minimum ….

TABLE ~~R614.10~~ R613.10
MAXIMUM SPANS FOR 11-7/8 INCH DEEP SIP HEADERS (feet)

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 6
WALL CONSTRUCTION

TABLE R602.10.1.5
ADJUSTMENTS OF BRACING LENGTH FOR BRACED WALL LINES ~~S~~ SPACING GREATER THAN 25 FEET[a,b]

TABLE R602.10.4.1.1
TENSION STRAP CAPACITY REQUIRED FOR RESISTING WIND PRESSURES PERPENDICULAR TO 6:1 ASPECT RATIO WALLS[a,b]

MINIMUM WALL STUD FRAMING NOMINAL SIZE AND GRADE	MAXIMUM PONY WALL HEGHT (feet)	MAXIMUM TOTAL WALL HEIGHT (feet)	MAXIMUM OPENING WIDTH (feet)	BASIC WIND SPEED (mph)					
				85	90	100	85	90	100
				Exposure B			Exposure C		
				Tension strap capacity required (lbf)[a,b]					
2x4 No. 2 Grade	4	12	9	1775	2350	~~500~~ 3500	3550	DR	DR
			16	4175	DR	DR	DR	DR	DR

TABLE R602.12(2)
STONE OR MASONRY VENEER WALL BRACING REQUIREMENTS, ONE- AND TWO-FAMILY DETACHED DWELLINGS, SEISMIC DESIGN CATEGORIES D_0, D_1 and D_2

SEISMIC DESIGN CATEGORY	NUMBER OF STORIES[a]	STORY	MINIMUM SHEATHING AMOUNT (~~length~~ percent of braced wall line length ~~in feet~~)[b]	MINIMUM SHEATHING THICKNESS AND FASTENING	SINGLE STORY HOLD DOWN FORCE (lb)[c]	CUMULATIVE HOLD DOWN FORCE (lb)[d]

1st through 7th PRINTING (November 7, 2014)

CHAPTER 7
WALL COVERING

Table R702.1(3)

TABLE R702.1(3)
CEMENT PLASTER PROPORTIONS, PARTS BY VOLUME

COAT	CEMENT PLASTER TYPE	CEMENTITIOUS MATERIALS				VOLUME OF AGGREGATE PER SUM OF SEPARATE VOLUMES OF CEMENTITIOUS MATERIALS[b]
		Portland Cement Type I, II or III or Blended Cement Type IP, I (PM), IS or I (SM)	Plastic Cement	Masonry Cement Type M, S or N	Lime	
First	Portland or blended	1			$^3/_4$ - $1^1/_2$[a]	$2^1/_2$ - 4
	Masonry			1	~~1~~	$2^1/_2$ - 4
	Plastic		1			$2^1/_2$ - 4

1st through 7th PRINTING (Posted: 09-26-13)

CHAPTER 7
WALL COVERINGS

FIGURE 703.2.2

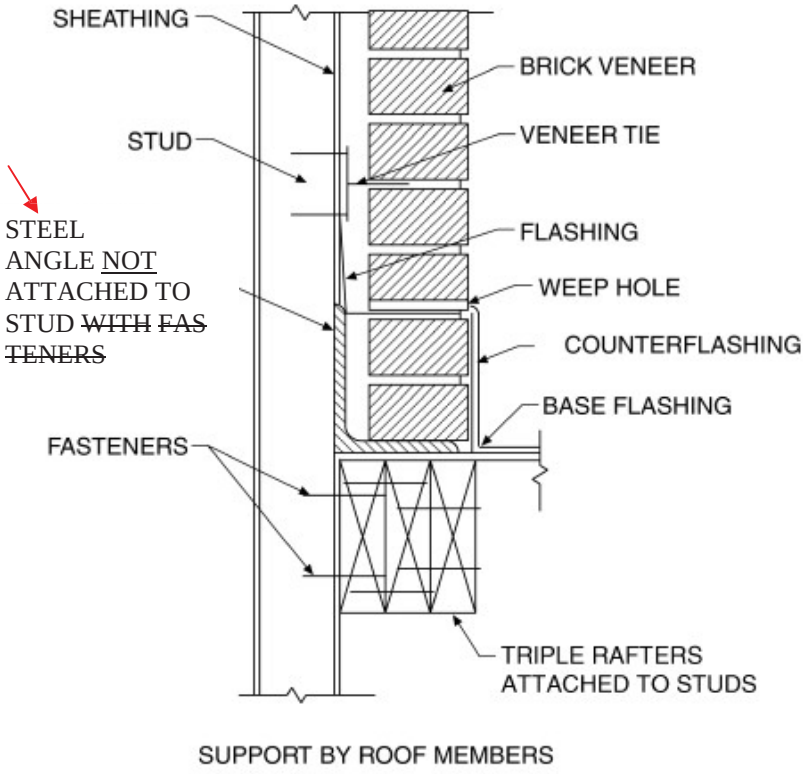


FIGURE R703.7.2.2
EXTERIOR MASONRY VENEER SUPPORT BY ROOF MEMBERS

2009 International Residential Code Errata

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1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 7
WALL COVERING

TABLE R703.4
WEATHER-RESISTANT SIDING ATTACHMENT AND MINIMUM THICKNESS

SIDING MATERIAL	NOMINAL THICKNESS[a] (inches)	JOINT TREATMENT	WATER-RESISTIVE BARRIER REQUIRED	TYPE OF SUPPORTS FOR THE SIDING MATERIAL AND FASTENERS[b,c,d]					
				Wood or wood structural panel sheathing	Fiberboard sheathing into stud	Gypsum sheathing into stud	Foam plastic sheathing into stud	Direct to studs	Number or spacing of fasteners
Fiber cement panel siding[q]	5/16	Note q	Yes Note u	6d common corrosion-resistant nail[r]	6d common corrosion-resistant nail[r]	6d common corrosion-resistant nail[r]	6d common corrosion-resistant ~~(12" x 0.0.113")~~nail[r,v]	4d common corrosion resistant nail[r]	6" o.c on edges, 12" o.c on intermed. studs
Fiber cement lap siding[s]	5-16	Note s	Yes Note u	6d common corrosion-resistant nail[r]	6d common corrosion-resistant nail[r]	6d common corrosion-resistant nail[r]	6d common corrosion-resistant ~~(12" x 0.0.113")~~nail[r,v]	6d common corrosion-resistant nail or 11 gage roofing nail[r]	Note t

R703.11.2.2 Basic wind speed exceeding 90 miles per hour or Exposure Categories C and D.……adjusted for height and exposure using ~~Section~~ Table R301.2(3). The design…..

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 7
WALL COVERING

TABLE R703.4
WEATHER-RESISTANT SIDING ATTAHCMENT AND MINIMUM THICKNESS

…….

Note w. Adhered masonry ……Sections 6.1 and 6.3 of ~~ACI530/ASCE 5/TMS 402~~ TMS 402/ACI 530/ASC 5.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 9th PRINTING (POSTED May 19, 2015)

CHAPTER 8
ROOF-CEILING CONSTRUCTION

R804.3.8.1 Ceiling diaphragms. At gable end walls….. 33 mils (0.84 mm).

The ceiling diaphragms shall be …field. Multiplying the required lengths in Tables R804.3.8 (1) and R804.3.8 (2) for gypsum board sheathed ceiling diaphragms ~~shall be permitted to be multiplied~~ by 0.35 shall be permitted if all panel edges are blocked. Multiplying……

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 7th PRINTING (Posted: June 27, 2013)

CHAPTER 8
ROOF-CEILING CONSTRUCTION

TABLE R804.3.1.1(7)
CEILING JOIST SPANS
SINGLE SPANS WITHOUT BEARING STIFFENERS
20 PSF LIVE LOAD (LIMITED ATTIC STORAGE)[a, b] 33 KSI STEEL

MEMBER DESIGNATION	ALLOWABLE SPAN (feet-inches)					
	Lateral Support of Top (Compression) Flange					
	Unbraced		Mid-span Bracing		Third-point Bracing	
	Ceiling Joist Spacing (inches)					
	16	24	16	24	16	24
350S162-33	8'-2"	6'-10"	9'-9"	6'-10"	9'-11"	6'-10"
350S162-43	8'-10"	7'-10"	11'-0"	9'-5"	11'-0"	9'-7"
350S162-54	9'-6"	8'-6"	11'-9"	10'-3"	11'-9"	10'-3"
350S162-68	10'-4"	9'-2"	12'-7"	11'-0"	12'-7"	11'-0"
350S162-97	12'-10"	10'-8"	13'-9"	12'-0"	13'-9"	12'-0"
550S162-33	9'-2"	8'-3"	12'-2"	8'-5"	12'-6"	8'-5"
550S162-43	10'-1"	9'-1"	13'-7"	11'-8"	14'-5"	12'-2"
550S162-54	10'-9"	9'-8"	14'-10"	12'-10"	15'-11"	13'-6"
550S162-68	11'-7"	10'-4"	16'-4"	14'-0"	17'-5"	14'-11"
550S162-97	13'-4"	11'-10"	18'-5"	16'-2"	20'-1"	17'-4"
800S162-33	—	—	—	—	—	—
800S162-43	11'-4"	10'-1"	16'-5"	13'-6"	18'-1"	13'-6"
800S162-54	12'-0"	10'-9"	17'-4"	15'-6"	19'-6"	27'-0"
800S162-68	12'-10"	11'-6"	18'-5"	16'-6"	20'-10"	18'-3"
800S162-97	14'-7"	12'-11"	20'-5"	18'-3"	22'-11"	20'-5"

Portions of table and footnotes not shown remain unchanged.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 3rd PRINTING (JULY 14, 2011)

Effective Use of the International Residential Code

Chapter 8 Roof-ceiling Construction. ….concealed spaces in roofs (e.g., enclosed attics and rafter spaces), unvented attic assemblies~~,~~ and attic access. ~~and the proper clearance of combustible insulation from heat-producing devices.~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 8
ROOF-CEILING CONSTRUCTION

R802.3.2 Ceiling joists overlapped. Ends of ceiling joists…….in accordance with Table ~~R602.3(1)~~ R802.5.1(9) and butted joists……

TABLE R804.3
ROOF FRAMING FASTENING SCHEDULE[a,b]

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND SIZE OF FASTENERS	SPACING OF FASTENERS
Rafter to ceiling joist	Minimum No. 18 screws, per Table ~~R804.3.1~~ R804.3.1(9)	Evenly spaced, not less than ½" from all edges

R804.3.3.4 Hip framing connections. …..

2. Jack rafters…..hip member in accordance with Figure ~~R804.3.2.1.2~~ R804.3.2.4 and Table R804.3.2.4.

R804.3.8.1 Ceiling diaphragm. At gable endwalls……with Section R803, in accordance with Table ~~R804.6(3)~~ R804.3.8(3) to the bottom…..

R806.2 Minimum area. The total net……..may be reduced to 1/300 when a Class I or II vapor ~~barrier~~ retarder is installed……

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 9
ROOF ASSEMBLIES

R905.14.4 Foam plastics. Foam plastic materials and installation shall comply with Section ~~R314~~ R316.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 7th PRINTING (Posted: 12-13-12)

CHAPTER 10
CHIMNEYS AND FIREPLACES

R1002.5 Masonry heater clearance. Combustible materials….with NFPA 211 Section ~~8.7~~ 12.6 (clearances….

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st PRINTING (JULY 14, 2011)

CHAPTER 10
CHIMNEYS AND FIREPLACES

R1003.15.1 Option 1. Round chimney….clay flue linings are shown in Tables ~~R1001.14(1)~~ R1003.14(1) and ~~R1001.14(2)~~ R1003.14 (2) or as provided….

1st through 4th PRINTING (SEPTEMBER 14, 2009)

CHAPTER 11
ENERGY EFFICIENCY

TABLE N1102.1
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT[a]

CLIMATE ZONE	FENESTRATION *U*-FACTOR	SKYLIGHT[b] *U*-FACTOR	GLAZED FENESTRATION SHGC	CEILING *R*-VALUE	WOOD FRAME WALL *R*-VALUE	MASS WALL *R*-VALUE	FLOOR *R*-VALUE	BASEMENT[c] WALL *R*-VALUE	SLAB *R*-VALUE AND DEPTH	CRAWL SPACE[c] WALL *R*-VALUE
5 and Marine 4	0.35	0.60	NR	38	20 or 13 + 5[h]	13/17	~~30~~[f] 30[g]	10/13	10, 2 ft	10/13

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 11
ENERGY EFFICIENCY

N1102.2.2 Ceilings without attic spaces. Where …….requirements of Section ~~402.1.1~~ N1102.1 shall be limited……

N1102.4.5 Recessed lighting. Recessed……..when tested at 1.57 ~~psi~~ psf (75 Pa) pressure differential…..

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 13
GENERAL MECHANICAL
SYSTEM REQUIREMENTS

M1308.1 Drilling and notching. Wood-framed ….. altered in accordance with the provisions of Section ~~R612.9~~ R613.7.

1st through 4th PRINTING (SEPTEMBER 14, 2009)

CHAPTER 16
DUCT SYSTEMS

TABLE M1601.1(2)
GAGES OF METAL DUCTS AND PLENUMS USED FOR HEATING OR COOLING

DUCT SIZE	MINIMUM THICKNESS Inches and (mm)	EQUIVALENT GALVANIZED SHEET NO.	MINIMUM THICKNESS (in.)
Exposed rectangular ducts			
14 inches or less	0.0157	28	0.0157
Over 14[a] inches	0.0187	26	0.018

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 16
DUCT SYSTEMS

TABLE M1601.1.1(1)
CLASSIFICATION OF FACTORY-MADE AIR DUCTS

DUCT CLASS	MAXIMUM FLAME-SPREAD ~~RATING~~ INDEX

TABLE M1601.1.1(2)
GAGES OF METAL DUCTS AND PLENUMS USED FOR HEATING OR COOLING

	GALVANIZED		ALUMINUM
DUCT SIZE	MINIMUM THICKNESS inches ~~and (mm)~~	EQUIVALENT GALVANIZED SHEET NO.	MINIMUM THICKNESS (in.)
Round ducts and enclosed rectangular ducts 14 inches or less 16 and 18 inches 20 inches and over	0.0157 ~~(0.3950 mm)~~ 0.0187 ~~(0.4712 mm)~~ 0.0236 ~~(0.6010 mm)~~	28 26 24	0.0175 0.018 0.023
Exposed rectangular ducts 14 inches or less Over 14[a] inches	0.0157 ~~(0.3950 mm)~~ 0.0187 ~~(0.4712 mm)~~	28 26	0.0175 0.018

M1601.5.2 Materials. The under-floor space, including the sidewall insulation, shall be formed by materials having flame-spread ~~ratings~~ index values not greater than 200 when tested in accordance with ASTM E 84.

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 21
HYDRONIC PIPING

M2101.6 Drilling and notching. Wood-framed …….. altered in accordance with the provisions of Section ~~R614~~ R613.

TABLE M2101.1
HYDRONIC PIPING MATERIALS

Note b. Standards as listed in Chapter ~~43~~ 44.

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 21
HYDRONIC PIPING

M2103.2 Thermal barrier required. Radiant floor heating systems shall have a thermal barrier in accordance with Sections M2103.2.1 through M2103.2.4.

> **Exception:** Insulation shall not be required in engineered systems where it can be demonstrated that the insulation will decrease the efficiency or have a negative effect on the installation.

M2103.2.4 Thermal barrier material marking. Insulation materials used in thermal barriers shall be installed so that the manufacturer's *R*-value mark is readily observable upon inspection.

> ~~**Exception:** Insulation shall not be required in engineered systems where it can be demonstrated that the insulation will decrease the efficiency or have a negative effect on the installation.~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 23
SOLAR SYSTEMS

M2301.5 Backflow protection. ….shall comply with Section ~~P2902.4.5~~ P2902.5.5

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 24
FUEL GAS

G2439.5.6 (~~614.6.5~~ 614.6.6) Length identification. Where the exhaust duct is ……

G2439.5.7 (~~614.6.6~~ 614.6.7) Exhaust duct required. Where space for a *clothes dryer*….

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 24
FUEL GAS

G2439.5 (614.6) Domestic clothes dryer exhaust ducts. Exhaust ducts for domestic *clothes dryers* shall conform to the requirements of Sections ~~G2429.5.1~~ G2439.5.1 through ~~G2429.5.7~~ G2439.5.7.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 10th PRINTING (This Errata Posted January 17, 2017)

CHAPTER 25
PLUMBING ADMINISTRATION

P2501.2 Application. In addition to the general administration…of Chapters 25 though ~~32~~ 33.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 7, 2010)

CHAPTER 27
PLUMBING FIXTURES

P2705.1 General. The installation……

Item 6. The location of…. ….~~equipment~~ *equipment* ~~*shall not interfere with the operation of windows and doors.*~~ shall not interfere with the operation of windows and doors.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (Posted: August 11, 2011)

CHAPTER 28
WATER HEATERS

P2803.6.1 #13….materials listed in Section ~~P2904.5~~ P2905.5 or materials….

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 7, 2010)

CHAPTER 28
WATER HEATERS

P2801.1 Required. Each dwelling ……culinary purposes. ~~Storaganks~~ Storage tanks…….

1st and 2nd PRINTING (SEPTEMBER 7, 2010)

CHAPTER 29
WATER SUPPLY AND DISTRIBUTION

P2902.3.3 Backflow preventer with intermediate atmospheric vent. Backflow preventers…. …ASSE 1012 or ~~CSA~~ CAN/CSA B64.3……

P2902.5.5 Solar systems. The potable water…..

Exception: Where all solar……..protection measures shall not be required.

TABLE P2903.1
REQUIRED CAPACITIES AT THE POINT OF DISCHARGE

~~Shower, temperature controlled~~	~~3~~	~~20~~

P2904.1 General. Where installed, residential…….A backflow ~~flow~~ preventer shall not be required to separate……

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 34
GENERAL REQUIREMENTS

E3404.6 Unused openings. Unused openings, other than those intended for the operation of equipment, ~~those intended for the operation of equipment,~~ those intended for mounting purposes, and those …..

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st PRINTING (SEPTEMBER 14, 2009)

CHAPTER 35
ELECTRICAL DEFINITIONS

KITCHEN. An area with a sink and permanent facilities for food preparation ~~.~~ and cooking.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 36
SERVICES

E3610.2 Securing and protection against physical damage. Where exposed, a grounding electrode…….or protection where it is ~~and~~ securely fastened …..

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 37
BRANCH CIRCUIT AND FEEDER REQUIREMENTS

E3702.1 Branch-circuit voltage limitations. The voltage ratings of branch circuits that supply luminaires or receptacles for cord-and-plug-connected loads of up to ~~1,400~~ 1,440 volt-amperes or of less than 1/4 horsepower ……

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 11th PRINTING (This Errata Posted: May 2, 2022)

CHAPTER 38
WIRING METHODS

TABLE E3801.4 (Chapter 3 and 300.2)
ALLOWABLE APPLICATIONS FOR WIRING METHODS[a, b, c, d, e, f, g, h, i, j, k]

ALLOWABLE APPLICATIONS (application allowed where marked with an "A")	AC	EMT	ENT	FMC	IMC RMC RNC RTRC	LFC[a, g]	MC	NM	SR	SE	UF	USE
Wet locations exposed to sunlight	—	A	A[h]	—	A	A	A[k]	—	—	A	A[e]	A[e]

For SI: 1 foot = 304.8 mm.

Table rows not shown remain unchanged

a.-j. *remain unchanged*

k. In wet locations ~~under any of the following conditions~~ where a corrosion-resistant jacket is provided over the metallic covering and any of the following conditions are met:

1. The metallic covering is impervious to moisture.
2. A ~~lead sheath or moisture-impervious~~ jacket resistant to moisture is provided under the metal covering.
3. The insulated conductors under the metallic covering are listed for use in wet locations. ~~and a corrosion-resistant jacket is provided over the metallic sheath.~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 11th PRINTING (This Errata Posted April 22, 2022)

CHAPTER 38
WIRING METHODS

TABLE E3801.4 (Chapter 3 and 300.2)
ALLOWABLE APPLICATIONS FOR WIRING METHODS[a, b, c, d, e, f, g, h, i, j, k]

ALLOWABLE APPLICATIONS (application allowed where marked with an "A")	AC	EMT	ENT	FMC	IMC RMC RNC RTRC	LFC[a, g]	MC	NM	SR	SE	UF	USE
Wet locations exposed to sunlight	—	A	A[h]	—	A	A	A[k]	—	—	A	A[e]	A[e]

For SI: 1 foot = 304.8 mm.

Table rows not shown remain unchanged

a.-j. *remain unchanged*

k. In wet locations ~~under any of the following conditions~~ where a corrosion-resistant jacket is provided over the metallic covering and any of the following conditions are met:

1. The metallic covering is impervious to moisture.
2. A ~~lead sheath or moisture-impervious~~ jacket resistant to moisture is provided under the metal covering.
3. The insulated conductors under the metallic covering are listed for use in wet locations. ~~and a corrosion-resistant jacket is provided over the metallic sheath.~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 11th PRINTING (This Errata Posted April 22, 2022)

CHAPTER 39
POWER AND LIGHTING DISTRIBUTION

E3905.4.3 Utilization equipment.

Outlet and device boxes that enclose devices or utilization equipment shall have a minimum internal depth that accommodates the rearward projection of the equipment and the size of the conductors that supply the equipment. The internal depth shall include that of any extension boxes, plaster rings, or raised covers. The internal depth shall comply with all of the applicable provisions that follow.

~~**Exception:** Utilization equipment that is listed to be installed with specified boxes.~~

1. Large equipment. Boxes that enclose devices or utilization equipment that projects more than $1\frac{7}{8}$ inches (48 mm) rearward from the mounting plane of the box shall have a depth that is not less than the depth of the equipment plus $\frac{1}{4}$ inch (6.4 mm).
2. Conductors larger than 4 AWG. Boxes that enclose devices or utilization equipment supplied by conductors larger than 4 AWG shall be identified for their specific function.
3. Conductors 8, 6, or 4 AWG. Boxes that enclose devices or utilization equipment supplied by 8, 6, or 4 AWG conductors shall have an internal depth that is not less than $2\frac{1}{16}$ inches (52.4 mm).
4. Conductors 12 or 10 AWG. Boxes that enclose devices or utilization equipment supplied by 12 or 10 AWG conductors shall have an internal depth that is not less than $1\frac{3}{16}$ inches (30.2 mm). Where the equipment projects rearward from the mounting plane of the box by more than 1 inch (25.4 mm), the box shall have a depth that is not less than that of the equipment plus $\frac{1}{4}$ inch (6.4 mm).
5. Conductors 14 AWG and smaller. Boxes that enclose devices or utilization equipment supplied by 14 AWG or smaller conductors shall have a depth that is not less than $1\frac{5}{16}$ inch (23.8 mm).

Exception: Utilization equipment that is listed to be installed with specified boxes.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 10th PRINTING (This Errata Posted: December 5, 2018**)**

CHAPTER 39
POWER AND LIGHTING DISTRIBUTION

TABLE E3905.12.1
MAXIMUM NUMBER OF CONDUCTORS IN METAL BOXES[a]

BOX DIMENSIONS (inches trade size and type)	MAXIMUM CAPACITY (cubic inches)	MAXIMUM NUMBER OF CONDUCTORS[a]						
		18 Awg	16 Awg	14 Awg	12 Awg	10 Awg	8 Awg	6 Awg
4 × 2 1/8 square	30.3	20	17	15	13	12	10	6
4 11/16 × ~~11/4~~ 1 1/4 square	25.5	17	14	12	11	10	8	5
4 11/16 × ~~11/2~~ 1 1/2 square	29.5	19	16	14	13	11	9	5
4 11/16 × 2 1/8 square	42.0	28	24	21	18	16	14	8

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 10th PRINTING (04-15-2014)

CHAPTER 39
POWER AND LIGHTING DISTRIBUTION

Section E3908.12 Equipment grounding conductor size. Copper…Where ungrounded ~~connectors~~ conductors are increased in size….

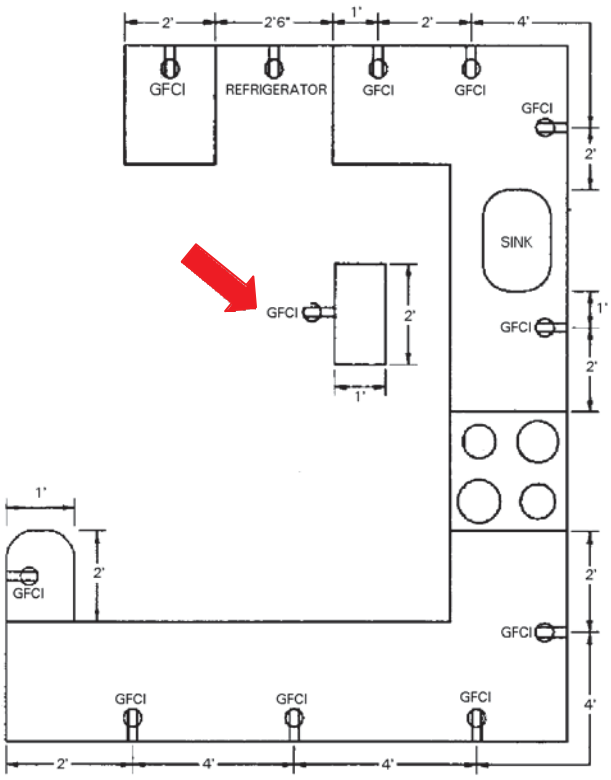
2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 39
POWER AND LIGHTING DISTRIBUTION

FIGURE E3901.4



2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 5th PRINTING (February 28, 2012)

CHAPTER 44
REFERENCED STANDARDS

AAMA/WDMA/CSA 101/I.S.2/A440-08 North American Fenestration Standard~~s~~/Specification~~s~~ for…

AISI S230-07 Standard for Cold-formed Steel Framing-prescriptive Method for One-and Two-family dwellings with supplement 2 dated 2008.

ICC 400-~~06~~ -07 Standard on the Design and Construction of Storm Shelters

TMS 402-05 Building Code requirements for Masonry Structures…..~~R606.11.2.2.2~~

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (10-06-2011)

CHAPTER 44
REFERENCED STANDARDS

AFPA

WFCM-~~08~~ 01 Wood Frame Construction Manual for One- and Two- Family Dwellings

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 4th PRINTING (JULY 14, 2011)

CHAPTER 44
REFERENCED STANDARDS

ICC

ICC 400-~~06~~ 07 Standard on the Design and Construction of Log Structures…….

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (JULY 14, 2011)

CHAPTER 44
REFERENCED STANDARDS

ASTM

C1396/C1396M—06a Specification for Gypsum Board……Table R602.3(1), R702.3.1, R~~703~~702.3.8

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

CHAPTER 44
REFERENCED STANDARDS

TMS

402-~~05~~ -08 Building Code Requirements for Masonry Structures…….

602-~~05~~ -08 Specifications for Masonry Structures…….~~R606.12.2.2.1~~ R606.12.2.3.1 ~~R606.12.2.2.2~~ R606.12.2.3.2

TPI

TPI 1 - ~~2002~~ 2007 National Design Standard for Metal-plate-connected Wood Truss Construction…….

1st and 2nd PRINTING (SEPTEMBER 14, 2009)

APPENDIX F
RADON CONTROL METHODS

AF103.11 Building depressurization. Joints in air ducts …….. conservation provisions in Chapter 11. ~~Firestopping~~ Fireblocking shall meet the requirements contained in Section ~~R602.8~~ R302.11.

1st through 4th PRINTING (July 25, 2011)

APPENDIX H
PATIO COVER

AH105.1 General….shall be provided with exits conforming to the provisions of Section ~~R310~~ R311 of this code.

2009 International Residential Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1st through 6th PRINTING (07-11-12)

APPENDIX P
SIZING OF WATER PIPING SYSTEM

AP101.1.1 This appendix outlines……source, the head ~~charges~~ changes in the system….

AP103.2.2 Water pipe sizing….

1. Pressure required…and Section 604.~~5~~ 3 of the *International*…..

AP103.3 Segmented loss method.

3. **Selection of pipe size.**

3.1 Pressure required…..and Section 604.~~5~~ 3 of the *International*…..

FIGURE AP103.3(7) FRICTION LOSS IN ~~FAIRLY~~ ROUGH PIPE[a]

1st and 2nd PRINTING (SEPTEMBER 7, 2010)

APPENDIX P
SIZING OF WATER PIPING SYSTEM

TABLE AP201.1
MINIMUM SIZE OF WATER METERS, MAINS AND DISTRIBUTION PIPING BASED ON WATER SUPPLY FIXTURE UNIT VALUES (w.s.f.u)

METER AND SERVICE PIPE (inches)	DISTRIBUTION PIPE (inches)	MAXIMUM DEVELOPMENT LENGTH (feet)									
Pressure Range 50 to 60 psi		40	60	80	100	150	200	250	300	400	500
2	2 ½	533	533	533	533	533	533	533	533	~~353~~ 533	486