

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF WALL ASSEMBLY TO FOUNDATION	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF WALL ASSEMBLY TO FOUNDATION
ROOF ASSEMBLY TO WALL ASSEMBLY TO FOUNDATION	16" OC	16	4.01	2.52	15.9R	4	4
	16" OC	16	2.24	2.19	4.96	4	4

TABLE S107.3 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 130 MPH WIND EXP "C"
MFCM 2015 TABLE 9.2C

FOUNDATION SUPPORTING	FOUNDATION SUPPORTING	FOUNDATION SUPPORTING	MINIMUM ANCHOR BOLT SPACING (INCHES)	
			8 END ZONES	30 INCHES ON CENTER
1 - 3 STOREYS	1 - 3 STOREYS	23 INCHES ON CENTER	30 INCHES ON CENTER	30 INCHES ON CENTER

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

TABLE S107.9 - SILL OR BOTTOM SHEAR LOADS - 130 MPH WIND EXP "C"
MFCM 2015 TABLE 9.2B

FOUNDATION SUPPORTING	FOUNDATION SUPPORTING	FOUNDATION SUPPORTING	MINIMUM ANCHOR BOLT SPACING (INCHES)	
			5/8" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS
4 STORY	4 STORY	46 INCHES ON CENTER (MAXIMUM)	5/8" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS

TABLE S107.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"
MFCM 2015 TABLE 9.2C

HEADER SPAN (FEET)	NUMBER OF FULL HEIGHT STUD REQUIRED AT EACH END OF THE HEADER	WALL SPACING (INCHES)	
		12" OC	24" OC
2	1	1	1
4	2	2	2
6	3	3	3
8	4	4	4

TABLE S107.5 - JACK STUD REQ - INT LOADBEARING WALLS
MFCM 2015 TABLE 9.22F

HEADER SPAN (FT)	ROOF SPAN (FEET)					
	12	24	36	48	60	72
2	1	1	1	1	1	1
4	1	1	1	1	1	1
6	2	2	2	2	2	2
8	2	2	2	2	2	2
10	3	3	3	3	3	3
12	3	3	3	3	3	3
14	4	4	4	4	4	4
16	4	4	4	4	4	4

TABLE S107.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS
MFCM 2015 TABLE 9.22F

HEADER WIDTH - 3" (2-2N), 4.5" (3-2N), 5", 6.5" (4-2N) EACH W/ 1/2" PLYWOOD SPACERS BETWEEN	ROOF LIVE LOAD 20 PSF					
	3'	4.5'	5'	6.5'	3'	6.5'
2	1	1	1	1	1	1
4	1	1	1	1	1	1
6	2	2	2	2	2	2
8	2	2	2	2	2	2
10	3	3	3	3	3	3
12	3	3	3	3	3	3
14	4	4	4	4	4	4
16	4	4	4	4	4	4

TABLE S107.3 - NAILING SCHEDULE MFCM 2015 TABLE 9.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAIL)	16d	16d	16" OC EDGES
OPAKE ELEMENTS			ASSEMBLY MIN. R-VALUE
INSULATION ENTIRELY ABOVE DECK			U-0.046 R-20.0 c.i.
METAL BUILDING			U-0.046 R-19
ATTIC AND OTHER			U-0.071 R-14
MASS			U-0.151 R-5.1 c.i.
METAL BUILDING			U-0.119 R-13.0
STEEL-FRAMED			U-0.124 R-13.0
WOOD-FRAMED AND OTHER MASS			U-0.049 R-5.9 c.i.
STEEL JOIST			U-0.052 R-14.0
WOOD-FRAMED AND OTHER			U-0.051 R-14.0
SLAB-ON-GRADE UNHEATED			F-0.193 NR
OPAKE DOORS			U-0.100 NR
NON-SPANNING			U-1.450 NR

TABLE S107.4 - BUILDING ENVELOPE REQUIREMENTS

1. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:

2. FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) AND STeeper, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:

3. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

TABLE S107.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
		E	F
INTERIOR ZONE	12" OC	6	12
	24" OC	6	6
	12" OC	6	6
PERIMETER EDGE ZONE	16" OC	4	4
	16" OC	4	4
	24" OC	3	3

TABLE S107.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

1. METAL ROOF PER MANUFACTURER'S RECOMMENDATIONS FOR 130MPH WIND SPEED.

2. GENERAL UPLIFTS

3. ROOF ASSEMBLY TO WALL ASSEMBLY

4. APPLICATION & FASTENING NOTES

TABLE S107.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

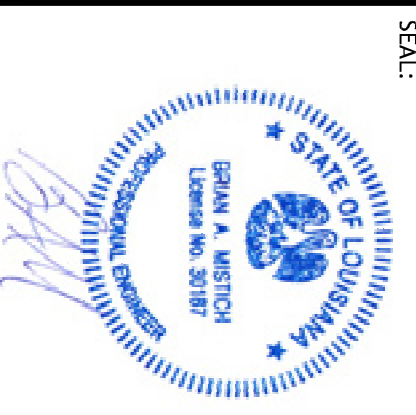
5. ROOF ASSEMBLY TO WALL ASSEMBLY

6. APPLICATION & FASTENING NOTES

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