

MFCM 2015 TABLE 9.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOB NAILS IN EACH END OF 1/4"x20" STEEL STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY TO FOUNDATION	16" OC	16	40T	292	159R	4
	16" OC	16	224	219	436	4

TABLE 5107.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 143 MPH WIND EXP "C"

MFCM 2015 TABLE 9.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
		1 - 3 STOREYS	28 INCHES ON CENTER
			30 INCHES ON CENTER

TABLE 5107.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 143 MPH WIND EXP "C"

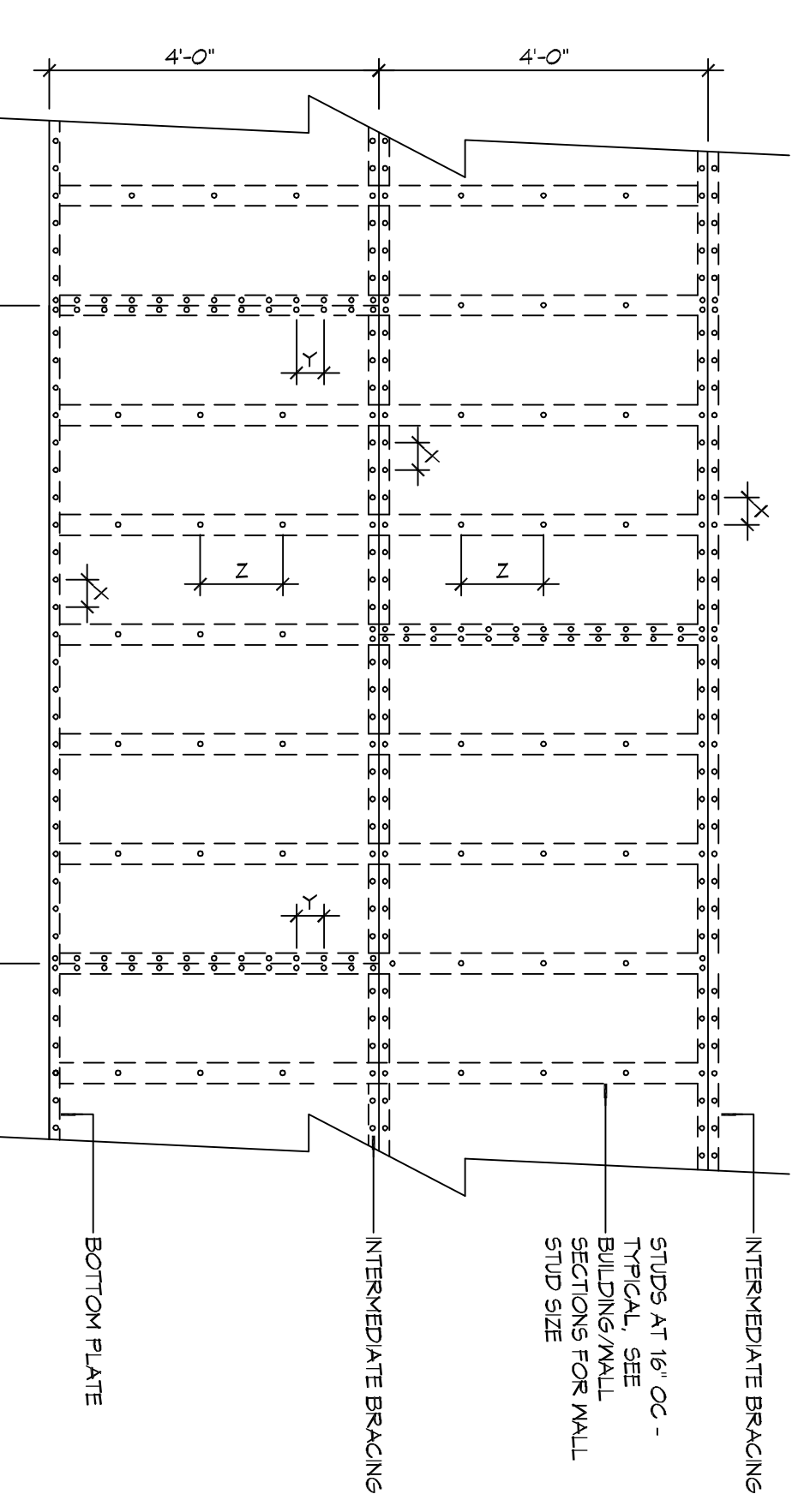
MFCM 2015 TABLE 9.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
		1 - 3 STOREYS	28 INCHES ON CENTER
			30 INCHES ON CENTER

TABLE 5107.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"

MFCM 2015 TABLE 9.22C

HEADER SPAN (FEET)	NUMBER OF FULL HEIGHT STUD REQUIRED AT EACH END OF THE HEADER	MALL SPACING (INCHES)	
		12" OC	24" OC
2	1	16" OC	24" OC
4	2	16" OC	24" OC
6	3	16" OC	24" OC
8	4	16" OC	24" OC



NAIL SPACING
 X 1/4" OC
 Y 1/4" OC
 Z 1/2" OC

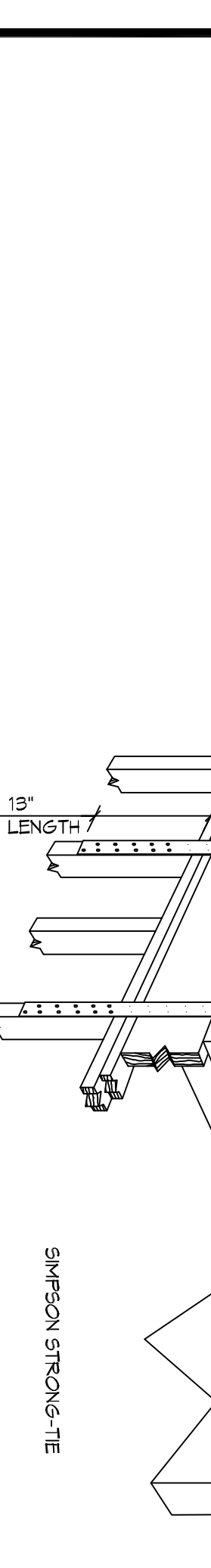
INTERIOR SHEATHING
 1/2" PLYWOOD EACH FACE STAGGERED 48"
 1/2" O.C. FASTENING @ 12" O.C. PANEL EDGES AND INTERMEDIATE MEMBERS.

EXTERIOR SHEATHING
 5/8" DENSGLASS SHEATHING EXTERIOR FACE STAGGERED 48" O.C. FASTENING @ 12" O.C. PANEL EDGES AND INTERMEDIATE MEMBERS.

TABLE 5107.5 - JACK STUD REQ - INT LOADBEARING WALLS

MFCM 2015 TABLE 9.22E

HEADER SPAN (FT)	12 FEET			24 FEET			36 FEET		
	3'	4.5'	5'	3'	4.5'	5'	3'	4.5'	5'
2	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	2	2	2



NOTE: HOLD-DOWNS ARE REQUIRED AT THE END OF EACH SEGMENTED SHEATHMENT OR AT THE EACH END OF A PERFORATED SHEATHMENT. WHEN FULL HEIGHT SHEATHMENT SEGMENTS MEET AT A CORNER, A SINGLE HOLD-DOWN SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALLS IS FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD.

TABLE 5107.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

MFCM 2015 TABLE 9.22F

HEADER WIDTH - 3" (2-2X), 4.5" (3-2X), 5" (6-5), (4-2X) EACH W/ 1/2" PLYWOOD SPACERS BETWEEN (INTERED CORNERS)	ROOF LIVE LOAD 20 PSF			ROOF LIVE LOAD 30 PSF		
	3'	4.5'	5'	3'	4.5'	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

NOTE: HOLD-DOWNS ARE REQUIRED AT THE END OF EACH SEGMENTED SHEATHMENT OR AT THE EACH END OF A PERFORATED SHEATHMENT. WHEN FULL HEIGHT SHEATHMENT SEGMENTS MEET AT A CORNER, A SINGLE HOLD-DOWN SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALLS IS FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD.

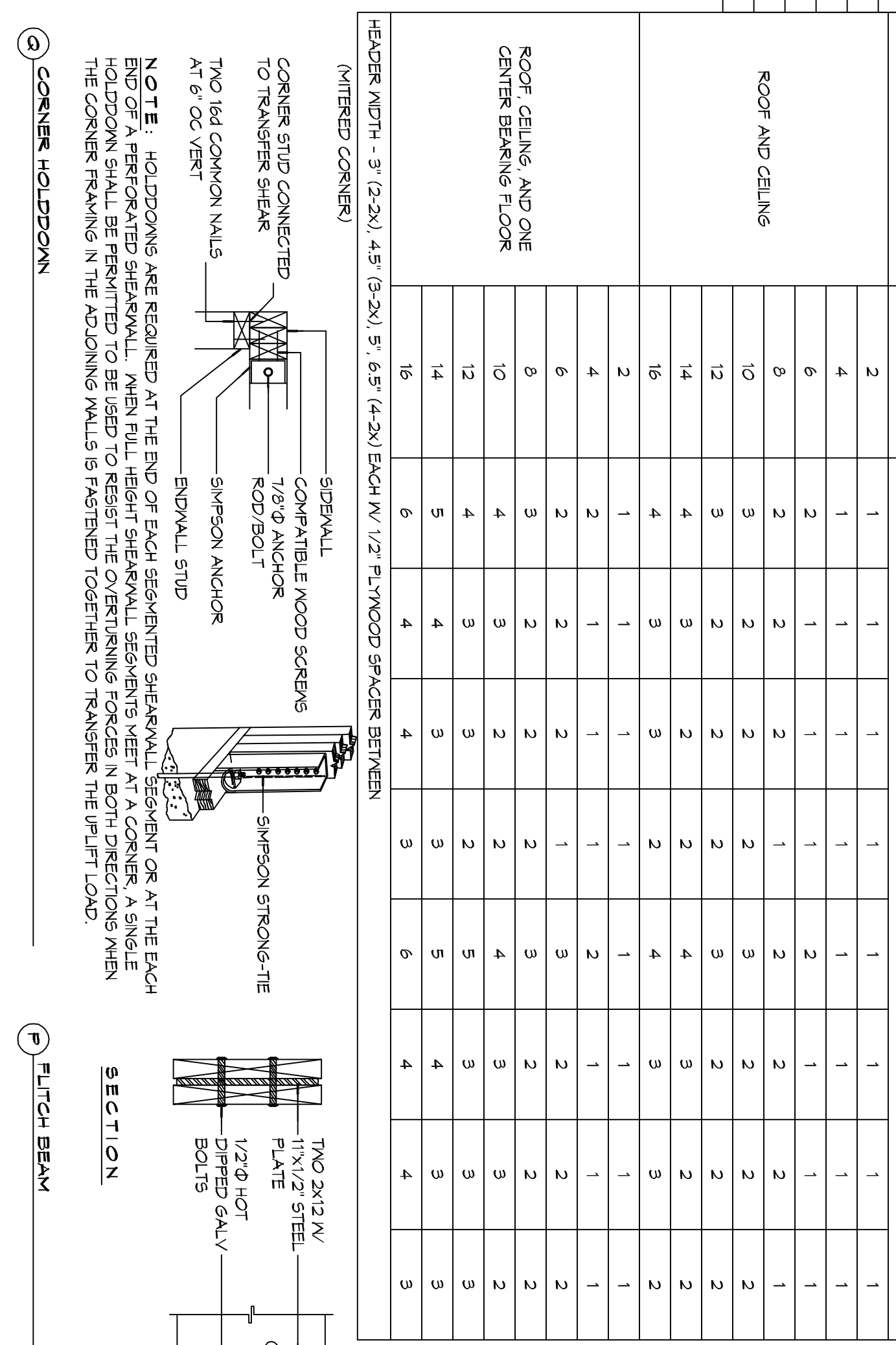


TABLE 5107.4 - BUILDING ENVELOPE REQUIREMENTS

OPaque ELEMENTS

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADERS TO HEADERS (FACE NAILED)	16d	16d	16" OC EDGES
ROOFS			
INSULATION ENTIRELY ABOVE DECK	U-0-048	U-0-048	R-20.0 C/I
METAL BUILDING	U-0-027	U-0-027	R-18
METAL BUILDING WITH OTHER	U-0-019	U-0-019	R-13.0
WOOD-FRAMED AND OTHER	U-0-094	U-0-094	R-13.0
WOOD-FRAMED AND OTHER	U-0-124	U-0-124	R-13.0
WOOD-FRAMED AND OTHER	U-0-094	U-0-094	R-13.0
WOOD-FRAMED AND OTHER	U-0-052	U-0-052	R-13.0
WOOD-FRAMED AND OTHER	U-0-051	U-0-051	R-13.0
WOOD-FRAMED AND OTHER	F-0-790	F-0-790	NR
WOOD-FRAMED AND OTHER	U-0-700	U-0-700	NR
WOOD-FRAMED AND OTHER	U-1-450	U-1-450	NR

TABLE 5107.3 - NAILING SCHEDULE MFCM 2015 TABLE 9.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADERS TO HEADERS (FACE NAILED)	16d	16d	16" OC EDGES
ROOFS			
INSULATION ENTIRELY ABOVE DECK	U-0-048	U-0-048	R-20.0 C/I
METAL BUILDING	U-0-027	U-0-027	R-18
METAL BUILDING WITH OTHER	U-0-019	U-0-019	R-13.0
WOOD-FRAMED AND OTHER	U-0-094	U-0-094	R-13.0
WOOD-FRAMED AND OTHER	U-0-124	U-0-124	R-13.0
WOOD-FRAMED AND OTHER	U-0-094	U-0-094	R-13.0
WOOD-FRAMED AND OTHER	U-0-052	U-0-052	R-13.0
WOOD-FRAMED AND OTHER	U-0-051	U-0-051	R-13.0
WOOD-FRAMED AND OTHER	F-0-790	F-0-790	NR
WOOD-FRAMED AND OTHER	U-0-700	U-0-700	NR
WOOD-FRAMED AND OTHER	U-1-450	U-1-450	NR

ROOF UNDERLAYMENT NOTES

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE) UNDERLAYMENT SHALL BE TWO HORIZONTAL (93-PERCENT SLOPE) UNDERLAYMENT IN 12 UNITS HORIZONTAL (93-PERCENT SLOPE) UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
 - APPLY A 19 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STAGGERED AT THE EDGES, PARALLEL TO THE JOINTS, WITH AN UNDERLAYMENT OVERLAPPING SUCCESSIVE SHEETS 19 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
 - FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (93-PERCENT SLOPE) OR GREATER UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
 - UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STAGGERED FROM THE EAVE AND LAPPED 2 INCHES FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

ROOF APPLICATION & FASTENING NOTES

- INSTALL ROOF PER MANUFACTURER'S RECOMMENDATIONS FOR 130MPH WIND SPEED.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
 UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS. RAFTERS SHALL BE ATTACHED TO THE WALL STUD AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS.

WALL ASSEMBLY TO WALL ASSEMBLY:
 STUDS TO STUD UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS.

WALL ASSEMBLY TO FOUNDATION:
 FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION SILL PLATE OR BOTTOM PLATE. A MINIMUM OF 1-1/4" X 20 GA. ASTM A653 GRADE 89 STEEL STRAP SHALL BE WAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLAB-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE WAILED TO THE BOTTOM OF THE MASONRY BLOCK FOUNDATIONS. STRAPS SHALL BE LED TO THE BOTTOM OF THE MASONRY BLOCK FOUNDATIONS AND SHALL BE EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANIF. FROM 6155 OR 2450 GALV. STL.

TABLE 5107.1 - 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
	16" OC	6	12
	24" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

REVISIONS

#	DESCRIPTION	DATE

NEA FUNERAL HOME

BOYD

4800 DOWNMAN ROAD
NEW ORLEANS, LA

JOB No: 2396 DATE: 11-10-2020

DRAWN BY: DD/KJK CHECKED BY: BAN

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
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Slidell, LA 70458

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SHEET NO. 10 OF 21