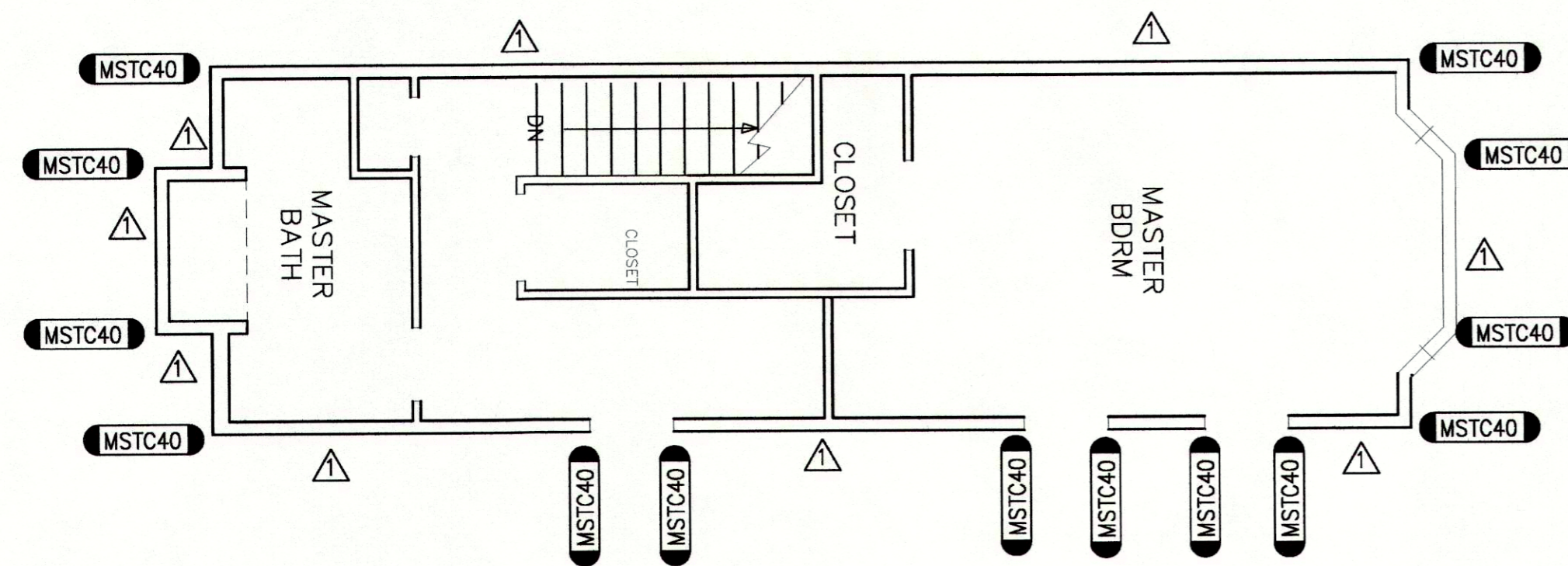


2nd FLOOR SHEAR WALL PLAN

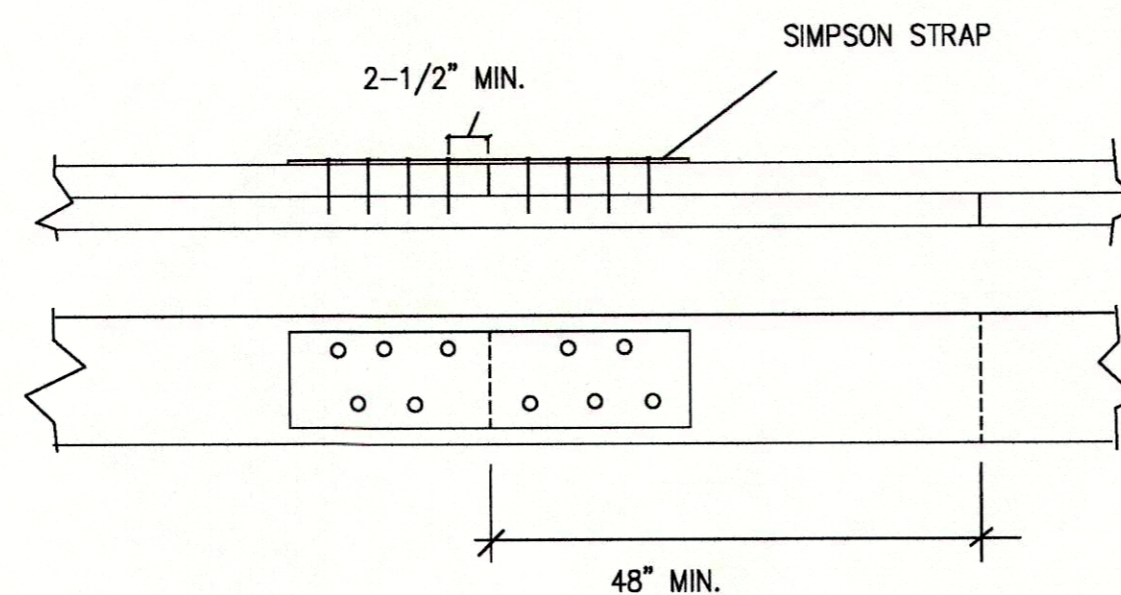
SCALE: 3/16" = 1'-0"



3rd FLOOR SHEAR WALL PLAN

SCALE: 3/16" = 1'-0"

TOP PLATE CONNECTION
 FOR ALL TOP PLATE CONNECTIONS USE 2 ROWS 14 -16d NAILS @ 2 1/2" IN O.C. EACH SIDE (SIMPSON STRAP NOT REQUIRED)



NOTE:
 THE CONTRACTOR SHALL SUBMIT FOR APPROVAL ALL TEXAS DEPARTMENTS OF INSURANCE EVALUATION REPORTS FOR ALL COMPONENTS AND CLADDING PRIOR TO INSTALLATION. COMPONENTS AND CLADDING INCLUDE BUT NOT LIMITED TO WINDOWS, DOORS, SLIDING DOORS, GARAGE DOORS, SIDING, STUCCO, BRICK VENEER, ROOFING MATERIAL AND SKYLIGHTS. THE ENGINEER IS NOT RESPONSIBLE FOR IMPROPER INSTALLATION OR FOR INSTALLATION OF ANY UN-APPROVED PRODUCTS.

ROOF/WALL SHEATHING SCHEDULE		
SHEAR WALL SCHEDULE		
WALL	SHEATHING	NAILING PATTERN
△	S-1	N-1
△	S-2	N-1
△	S-3	N-2
△	S-	N-

SHEAR WALL SCHEDULE NOTES:

SHEATHING

- S-1: 7/16" PLYWOOD OR OSB, ALL PANEL EDGES BLOCKED
- S-2: 1/2" PLYWOOD OR OSB, ALL PANEL EDGES BLOCKED
- S-3: 19/32" PLYWOOD OR OSB, ALL PANEL EDGES BLOCKED

NAILING

- N-1: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS
 - N-2: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS
- NOTE: PROVIDE 6x6 POST OR PACKED STUDS AT EACH END OF SHEAR WALL FOR HOLD-DOWN ATTACHMENT. PROVIDE ANCHOR BOLTS PER SIMPSON RECOMMENDATIONS.

ROOF DIAPHRAGM

USE 1/2" MIN. APA RATED SHEATHING, WITH 8d NAILS AT 4" ON CENTER AT PANEL AND 12" ON CENTER AT INTERMEDIATE SUPPORTS.

NON-SHEAR WALL NAILING

N-1: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS

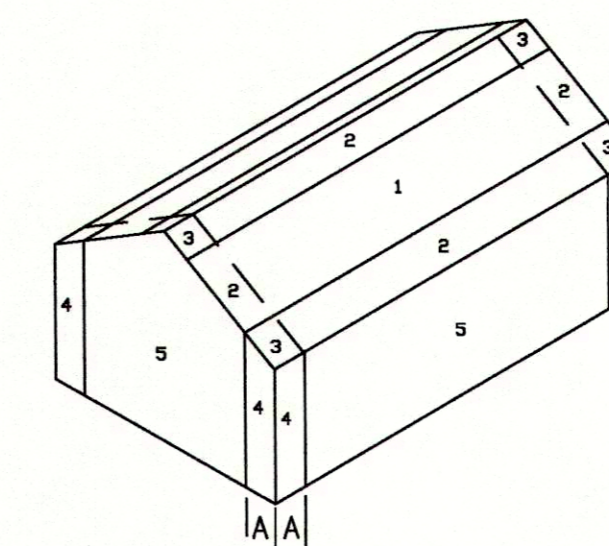
ANCHOR BOLTS

USE 5/8" DIA. x 10" L BOLTS WITH ROUND WASHERS @ 48" SPACING WITH A MINIMUM EMBEDMENT OF 7" INTO CONCRETE FOUNDATION.

CONCRETE HOLDDOWNS

- (HD) SIMPSON HDU5-SDS2.5 OR STD14 (MSTC28) SIMPSON MSTC28
- (HD) SIMPSON HDU4-SDS2.5 OR STD10
- (MSTC40) SIMPSON MSTC40

CONNECTION	SIMPSON CONNECTOR	
RAFTER TO TOP PLATE	H2.5A	EVERY RAFTER TO TOP PLATE
TOP PLATE TO STUD	H2.5A	EVERY STUD TO TOP PLATE
SECOND FLOOR STUD TO FIRST FLOOR STUD	CS20 or LSTA36	EVERY STUD END LENGTH = 10"
STUD TO BOTTOM PLATE	H2.5	EVERY STUD TO BOTTOM PLATE
4" HEADER TO STUDS	LTA15	1 @ EVERY CORNER
6" HEADER TO STUDS	LTA15	2 @ EVERY CORNER
8" HEADER TO STUDS	LTA18	2 @ EVERY CORNER
10" HEADER TO STUDS	LTA18	2 @ EVERY CORNER
18" HEADER TO STUDS	LTA18	2 @ EVERY CORNER
8x8 POST TO CONCRETE	ABU88	EVERY POST
4x4 POST TO BEAM	LTA15	2 AT EVERY POST
6x6 POST TO CONCRETE	ABU66	EVERY POST
6x6 POST TO BEAM	LTA18	2 AT EVERY POST



COMPONENTS & CLADDING PRESSURE (PSF)	ZONE 1		ZONE 2		ZONE 3		ZONE 4		ZONE 5	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
	+22	-34	+22	-65	+22	-87	+37	-40	+37	-50

ROOF - ZONE 1, 2 & 3
 WINDOWS, DOORS & WALLS - ZONE 4 & 5
 NOTE - ZONE 5 IS ALL COMPONENTS AND CLADDING LOCATED WITH THE "A" DISTANCE OF ANY EXTERIOR OR INTERIOR CORNER

THIS STRUCTURE HAS BEEN DESIGNED TO RESIST A 3 SECOND WIND GUST SPEED OF 120 MPH, EXPOSURE "C" AND IN ACCORDANCE WITH THE 2009 IRC, THE CITY OF KEMAH BUILDING STANDARDS AND TEXAS WINDSTORM STANDARDS.

PROJECT NO:
 DATE DRAWN:
 BID DATE:
 CONST. ISSUE:
 REVISIONS:

McCoy Engineering and Inspection, L.L.C.
 is a professional engineering firm registered with the State of Texas, License No. 59865. The firm is not responsible for the design or construction of any building or structure unless it is specifically stated on the drawings.

NEW CUSTOM HOME
 MARK HESSLER
 806 KIPP AVE
 KEMAH, TEXAS 77566

McCoy Engineering and Inspection, L.L.C.
 T. B. P. E. Firm No. 1 0 7 8 9
 3911 South Beechwood Court HOUSTON, TEXAS 77059 713-857-3525



MIKE McCOY, P.E. #59865
 JUNE 29, 2015