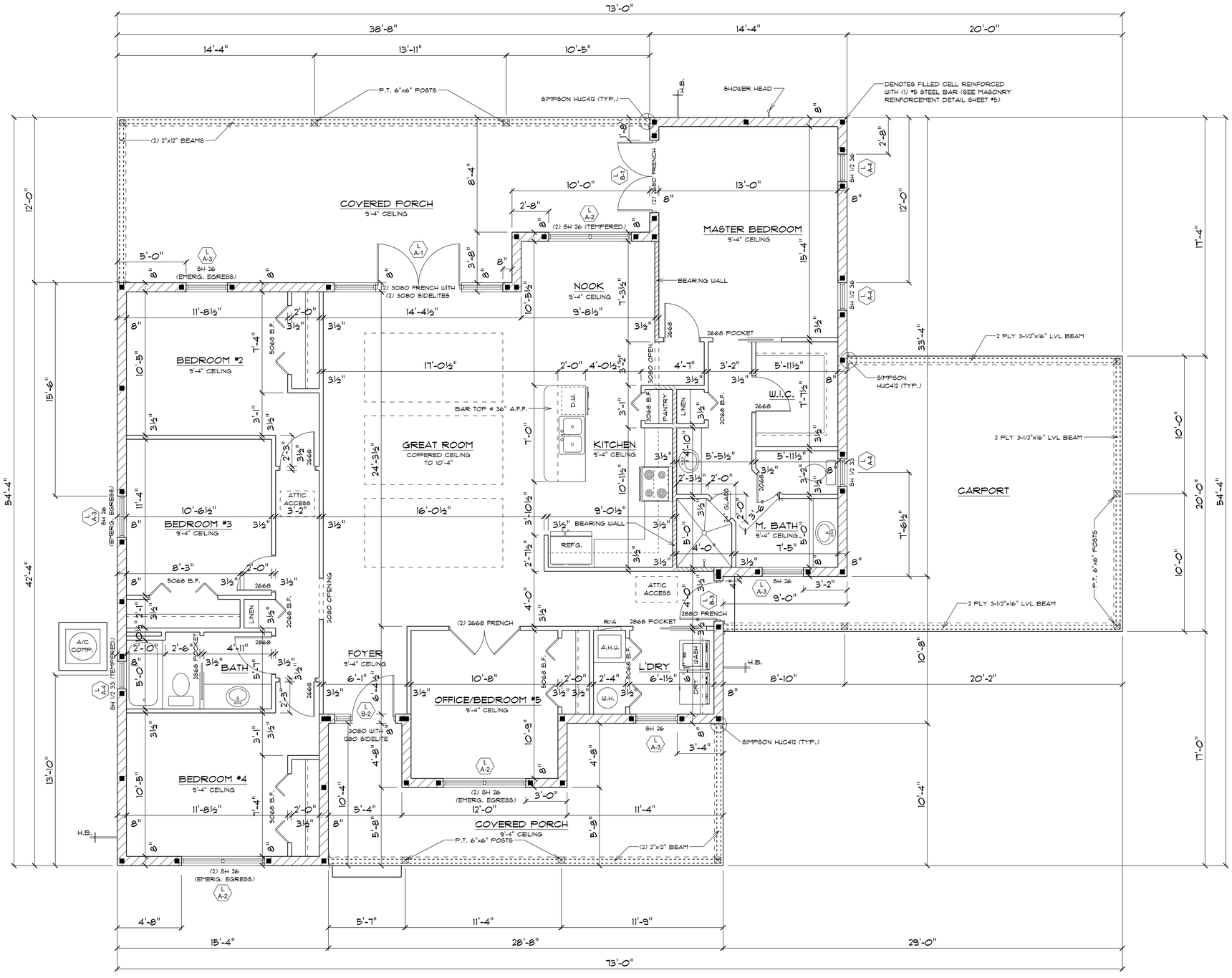
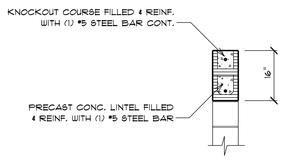
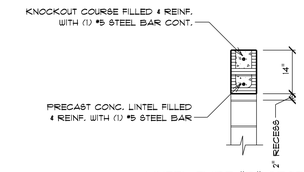




LINTEL TYPE "A" SECTION



LINTEL TYPE "B" SECTION

LINTEL SCHEDULE (QUALITY PRECAST)

PRECAST LINTEL(8"x14"-16" COMPOSITE)

PRECAST LINTEL COMBINED WITH CMU ABOVE AS NEEDED. ALL COURSES TO BE FILLED WITH 3000# CONCRETE MIX & REINFORCED WITH #5 STEEL BARS AS NOTED.

TOTAL ALLOWABLE SUPERIMPOSED LOAD-POUNDS PER LINEAL FOOT			
LINTEL TYPE/DESIGNATION	LINTEL SIZE	CLEAR SPAN	SAFE LOAD
L A-1	14'-0" x 16" H.	12'-8"	978#
L A-2	7'-8" x 16" H.	6'-2"	3408#
L A-3	4'-6" x 16" H.	3'-2"	8507#
L A-4	3'-6" x 16" H.	2'-2"	6385#
L B-1	6'-8" x 14" H.	5'-4"	2380#
L B-2	5'-8" x 14" H.	4'-4"	2803#
L B-3	4'-4" x 14" H.	3'-0"	4846#

HANGER SCHEDULE (SIMPSON)

HANGER	LOAD	UPLIFT	FASTENERS
HUC412	5085#	1800#	(22) 1/4"x2-3/4" TITEN @ WALL (10) 10d @ BEAM

AREA TABULATIONS

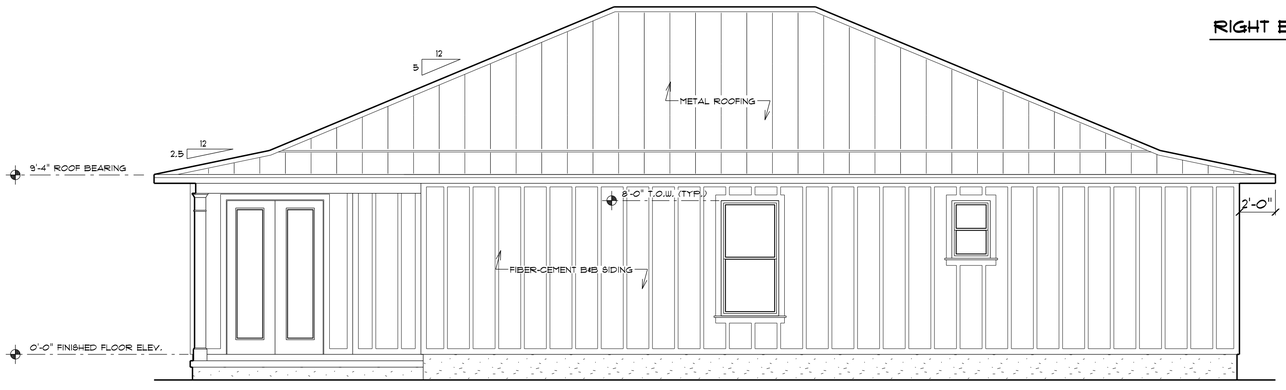
LIVING AREA	2023 SQ. FT.
CARPORT AREA	437 SQ. FT.
COVERED PORCH AREA (REAR)	421 SQ. FT.
COVERED PORCH AREA (FRONT)	240 SQ. FT.
TOTAL AREA	3121 SQ. FT.

FLOOR PLAN

SCALE: 1/4" = 1'-0"

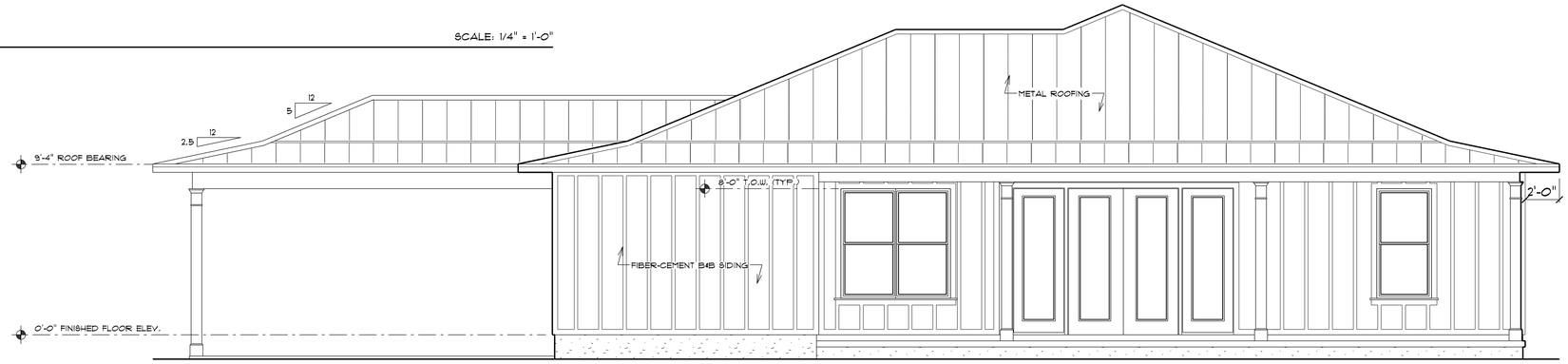
RIGHT ELEVATION

SCALE: 1/4" = 1'-0"



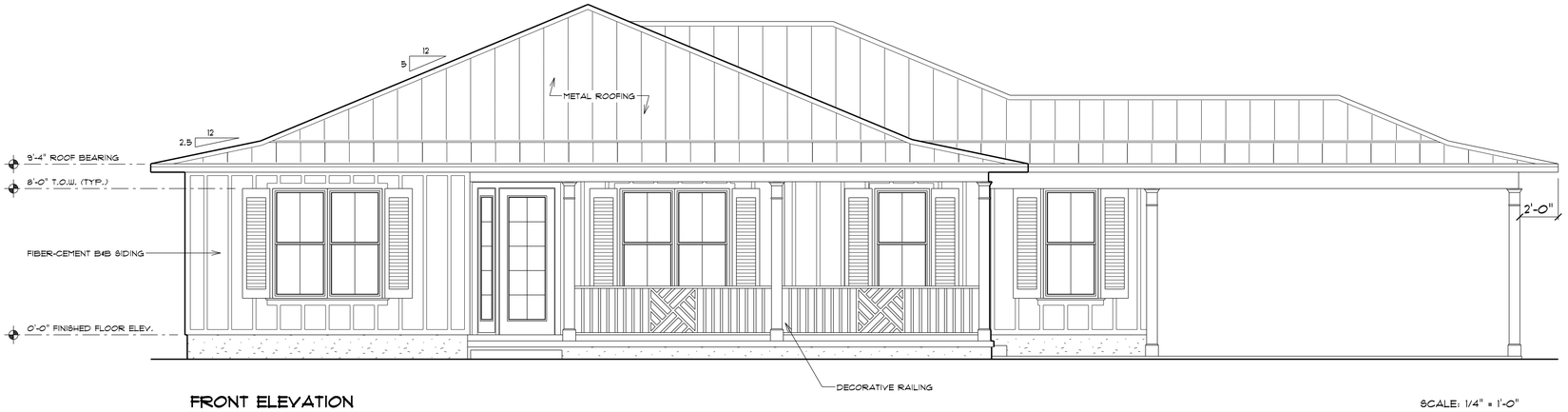
LEFT ELEVATION

SCALE: 1/4" = 1'-0"



REAR ELEVATION

SCALE: 1/4" = 1'-0"



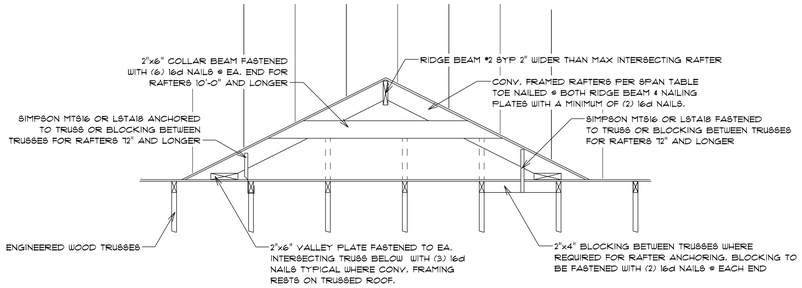
FRONT ELEVATION

SCALE: 1/4" = 1'-0"

CONNECTOR SCHEDULE (SIMPSON)				
QTY.	CONNECTOR	UPLIFT	LATERAL	FASTENERS
1	META16	1450#	340#	(7) 10d x 1 1/2"
2	META16	1985#	1285#	(14) 16d
1	MGT	3965#	N/A	(22) 10d @ TRUSS 5/8" ATR DRILLED & EPOXIED TO BOND BEAM (12" EMBED. MIN.)
1	MT516	1000#	75#	(14) 10d x 1 1/2"•
1	LSTA18	1235#	N/A	(14) 10d x 1 1/2"•
1	MTSM16	860#	235#	(7) 10d x 1-1/2" @ TRUSS (4) 1/4"x2-1/4" TITEN @ WALL

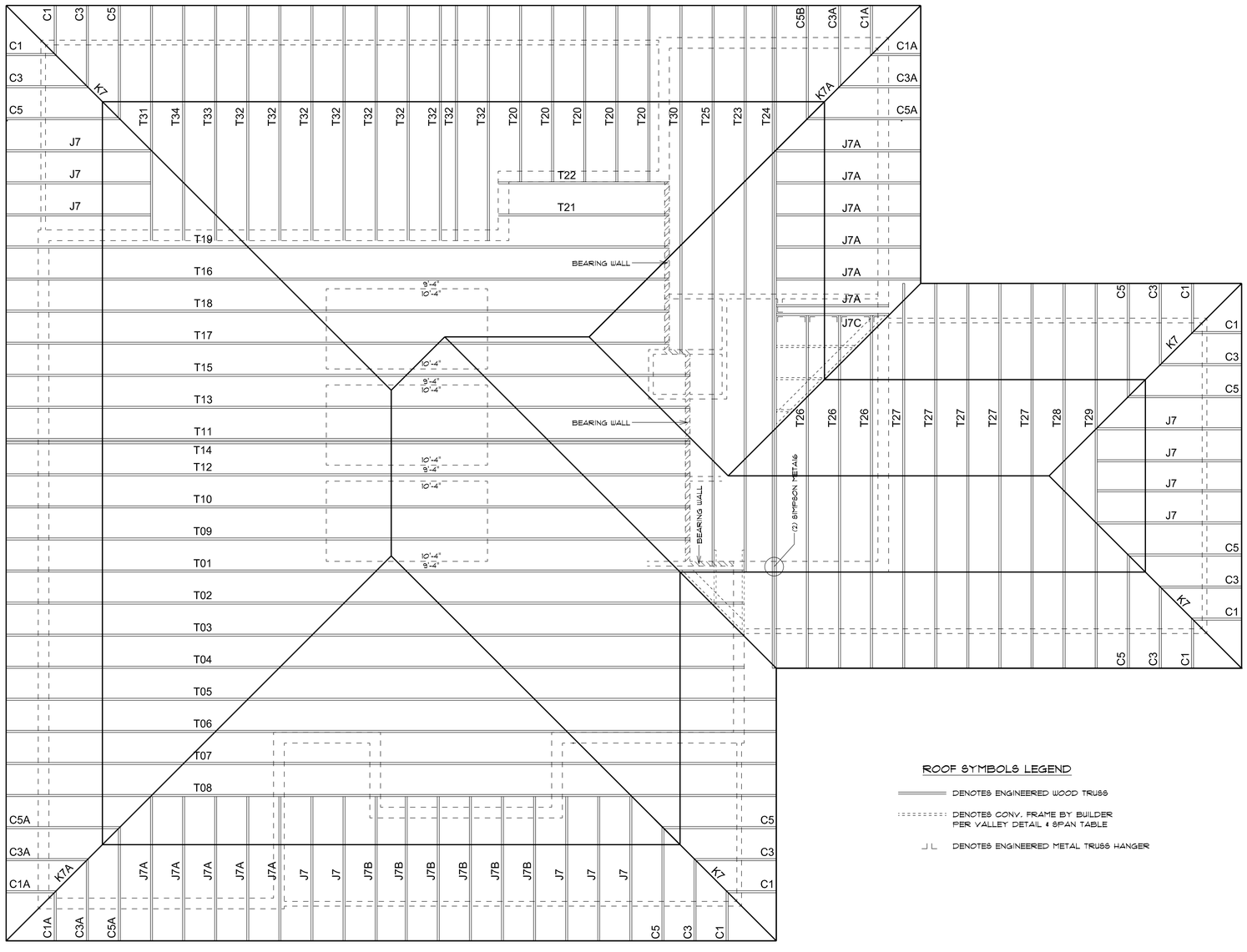
• INSTALL HALF OF THE FASTENERS ON EACH END OF THE STRAP TO ACHIEVE FULL LOADS

NOTE: MTSM16 MAY BE USED AS A REPAIR FOR MISPLACED TRUSS ANCHORS



TYPICAL VALLEY FRAMING DETAIL

SCALE: N/A



ROOF SYMBOLS LEGEND

DENOTES ENGINEERED WOOD TRUSS

DENOTES CONV. FRAME BY BUILDER PER VALLEY DETAIL & SPAN TABLE

DENOTES ENGINEERED METAL TRUSS HANGER

ROOF PLAN/TRUSS LAYOUT

SCALE 1/4" = 1'-0"

RAFTER SPANS (#2 SOUTHERN PINE)		
ROOF LIVE LOAD = 20 PSF DEAD LOAD = 10 PSF		
LUMBER SIZE	O.C. SPACING	MAX SPAN
2"x4"	16"	9'-10"
2"x4"	24"	8'-1"
2"x6"	16"	15'-1"
2"x6"	24"	12'-3"
2"x8"	16"	19'-5"
2"x8"	24"	15'-10"
2"x10"	16"	23'-2"
2"x10"	24"	18'-11"
2"x12"	16"	26'-0"
2"x12"	24"	22'-2"

ROOF ASSEMBLY DETAILS

SHEATHING TYPE & FASTENING:
15/32" CDX OR 7/16" OSB FASTENED WITH 8D RINGSHANK NAILS SPACED @ 6" O.C.

ROOFING TYPE & FASTENING:
METAL ROOFING SYSTEM SHALL COMPLY WITH ASTM A 653. INSTALLATION, FLASHING, & UNDERLAYMENT SHALL BE PER. MFG SPECS - PER FBC-R 905.4.4.1

TRUSS ANCHORING NOTES

A. ALL ENGINEERED WOOD TRUSSES TO BE SPACED @ 24" O.C. AND ANCHORED TO MASONRY WALLS AND BEAMS @ BEARING POINTS WITH (1) SIMPSON META16 EMBEDDED IN POURED CONCRETE BOND BEAM. EXCEPTIONS AS FOLLOWS:

1. GIRDER TRUSS #T24 TO BE ANCHORED BY (2) SIMPSON META @ NOTED BEARING POINT.

B. ALL ENGINEERED WOOD TRUSSES TO BE ANCHORED TO FRAME WALLS & BEAMS @ BEARING POINTS WITH (1) SIMPSON MT812.

C. ALL REQUIRED ENGINEERED METAL TRUSS HANGERS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURER.

D. ALL ENGINEERED METAL TRUSS HANGERS & ANCHORS TO BE INSTALLED PER MANUFACTURERS SPECS.

ATTIC VENTING

FORMULA: CEILING AREA (SQ. IN.) / 300 = REQUIRED SQ. IN. VENTING

NET FREE AREA REQUIRED = 1501 SQ. IN.

50% NEAR RIDGE (PROVIDE RIDGE VENTS =>751 SQ. IN. NET FREE AREA)

50% NEAR SOFFIT (PROVIDE VENTED SOFFIT => 151 LIN FT. @ 5 SQ. IN. PER LIN. FT. = >755 SQ. IN.) TOTAL: = >1506 SQ. IN. NET FREE AREA.