ROOF SHEATHING FASTENING

- 4" O.C. GABLE END
- 6" O.C. EDGES (ALL ZONES)
- 6" O.C. INTERMEDIATE FRAMING (ZONE 3)
- 12" O.C. INTERMEDIATE FRAMING (ZONES 1 & 2)

SEE FIGURE R803.2.3.1, SECTION R803.1, 2017 FLORIDA BUILDING CODE - RESIDENTIAL, SIXTH EDITION FOR ROOF SHEATHING NAILING ZONES

ROOF NOTES

ROOF PITCH LESS THEN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED

OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPS AND RIDGES

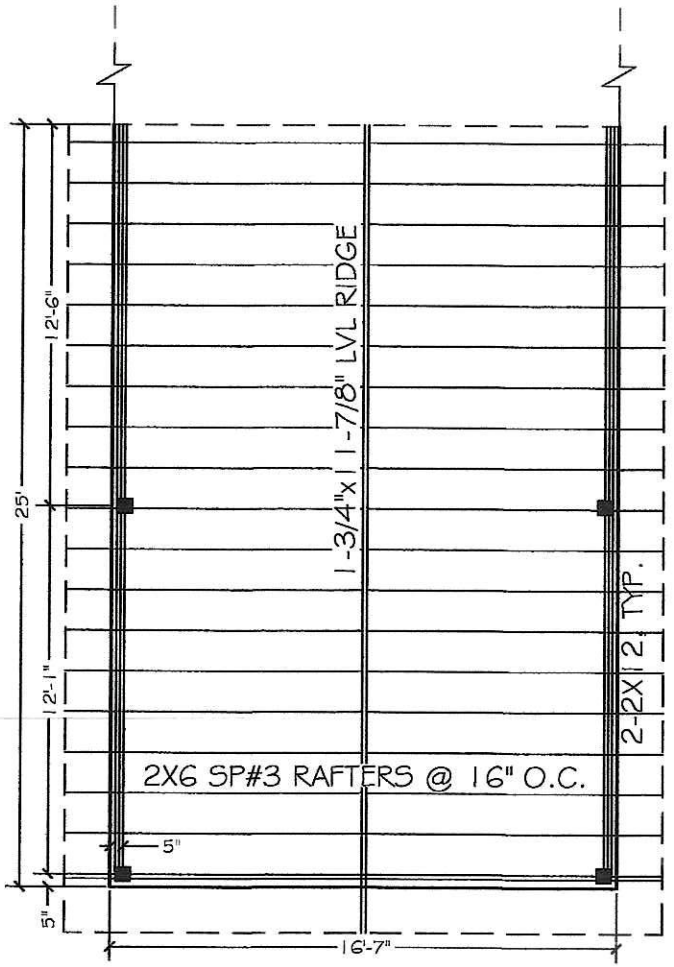
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK WHEN SHINGLES NOT INSTALLED SAME DAY

DRIP EDGE INSTALLED OVER THE UNDERLAYMENT AT RAKES AND UNDER THE UNDERLAYMENT AT EAVES

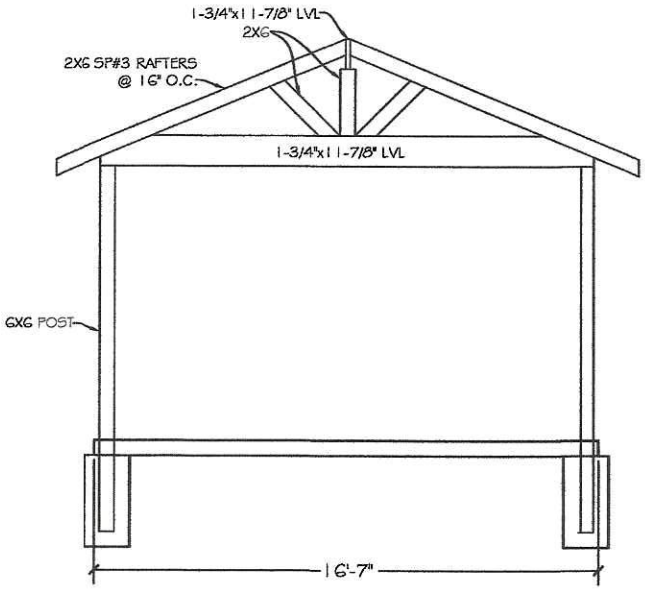
ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE CORRECT SIZE FOR THE PENETRATION

METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND MANUFACTURERS SPECS

1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL CLADDING



FRAMING PLAN
SCALE: 1/4" = 1'



GABLE END FRAMING
SCALE: 1/4" = 1'

ROOF VENT CALCULATION

FORMULA

1 SQUARE INCH FOR EVERY 300 SQUARE INCHES OF CEILING
144 SQUARE INCHES = 1 SQUARE FOOT
BUILDING CEILING (SQ FT) X 144 = BUILDING (SQ IN)
BUILDING (SQ IN) /300 = SQ IN OF VENT REQUIRED
SQ IN OF VENT REQUIRED /2 = 50% AT HIGH AND 50% AT LOW

PER IRC SECTION R806.2: 40% MIN, BUT NOT MORE THAN 50% OF VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED A MIN 3'-0" ABOVE EAVE

BASE OF CALCULATION:

(a) OFF RIDGE VENTS - STAMPCO W/ 36 SQ IN (NFVA) PER LINEAL FT

(b) SOFFIT VENTS - GP T3- 1/3" FULL VENT PERFORATED W/ 9.19 SQ IN (NFVA) PER LINEAL FT

CALCULATED LINEAL FOOT OF SOFFIT VENT SHALL NOT INCLUDE NON-VENTED FIRE RATED SOFFIT LOCATED LESS THAN 5' FROM PROPERTY LINE

	AREA (SQ FT)	REQUIRED HIGH	REQUIRED LOW	VENTS	PROVIDED HIGH (SQ IN)	LINEAL FT	LOW (SQ IN)
HIGH: (1) 6" VENT = 216 SQ IN LOW: (1) LINEAL FT = 9.19 SQ IN							

SOFFIT TABLE VENT SPECS

Double 5" perforated soffits have a 6.20 sq. inches/sq. foot rating
Triple 4" center vent soffit has a 1.956 sq. inches/sq. foot rating
Triple 4" full vent soffit has a 5.867 sq. inches/sq. foot rating
Triple 4" basketweave full vent has a 14.34 sq. inches/sq. foot rating
Triple 4" center vent has a 4.78 sq. inches/sq. foot rating
Beaded hidden vent soffit has 2.66 sq. inches/sq. foot rating
Triple 3-1/3" hidden vent soffit has a 9.19 sq. inches/sq. foot rating

NOTE

1. ATTACHED ALL RAFTERS WITH SIMPSON H2.5T OR EQUAL
2. NOTCH 6X6 POST - ATTACH 2-2X12 BEAMS TO POST W/ ½" CARRIAGE BOLTS

NOTE

7/16" O.S.B. NAILED WITH 8D 6" O.C. IN FIELD & 4" O.C. ON EDGES

NOTE

Simpson Strong-Tie Co. Strong-Drive SDWC TRUSS Screws may be used for uplift connection in lieu of straps. Strong-Drive SDWC TRUSS Screws to be installed per manufacturer's specifications.

Simpson Strong-Tie Co. Titen HD Heavy-Duty Screw Anchors 5/8" x 8", maximum spacing of 6'-0" o.c., may be used in lieu of 5/8"x10" anchor bolts with 3"x3"x1/8" washer. Titen HD Heavy-Duty Screw Anchors shall be installed per manufacturer's specifications.

Digitally signed by Carol Chadwick
DN: c=US, o=Unaffiliated, ou=A01410D000001711349D4A70001621F, cn=Carol Chadwick
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REID CARPORT
FRAMING DETAILS

PROJECT NO. FL21252
DATE: SEP. 11, 2021
REVISION DATE:
SHEET S-2

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