

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 THAN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED
OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPS AND RIDGES

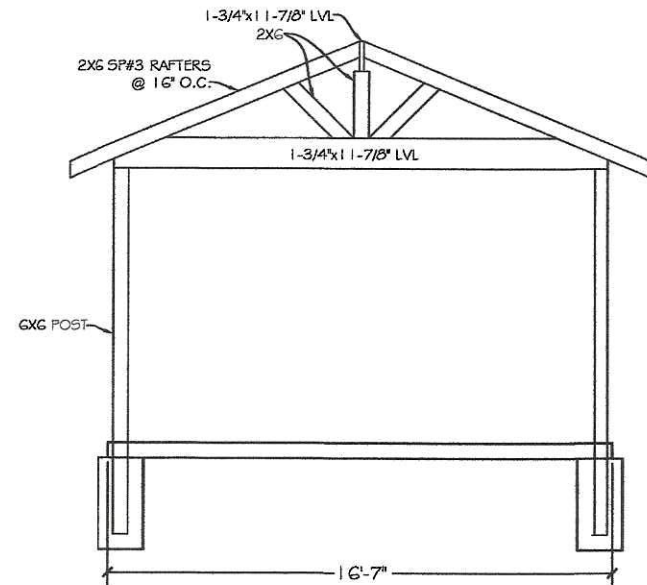
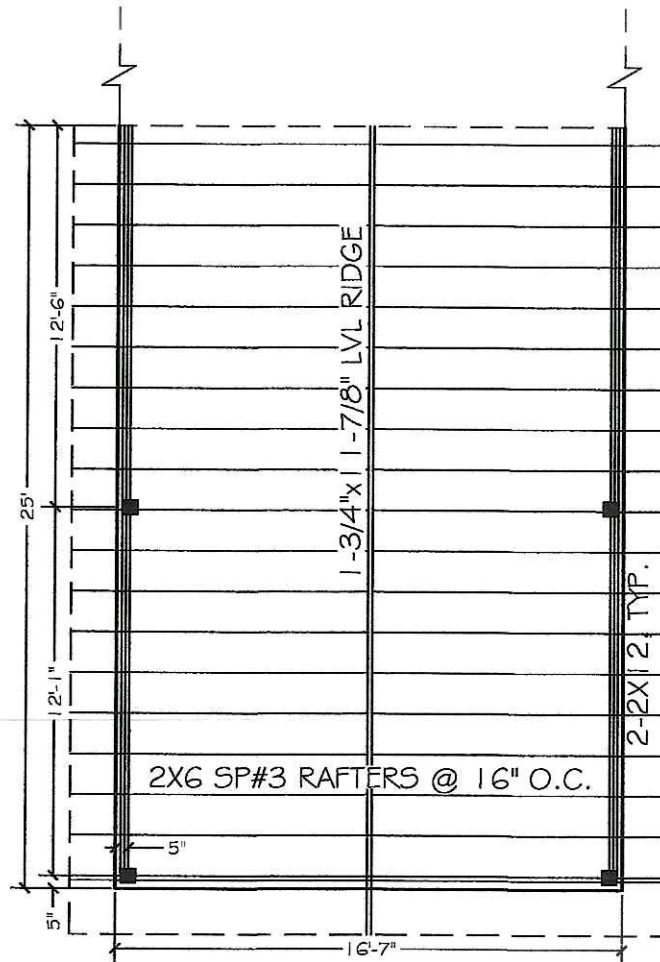
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK
WHEN SHINGLES NOT INSTALLED SAME DAY

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



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 1/44 = 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 FBC SECTION R803.2: 40% MIN, BUT NOT MORE THAN 50% OF
VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED AT A
MIN 3'-0" ABOVE EAVE

BASE OF CALCULATION

(a) 0" RIDGE VENTS - STAMPED W/ 36 SQ IN (NPVA) PER LINEAL FT
(b) SOFFIT VENTS - CP TS - 1/3" FULL VENT PERFORMED W/ 9.19 SQ IN
(NPVA) 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	PROVIDED VENTS	TRIG (SQ IN)	LINEAL FT	LOW (SQ IN)

HIGH: (1) 0" 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 1.95 sq. inches/sq. foot rating
Triple 4" full vent soffit has a 5.067 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
Deadend 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/ 1/2" CARRIAGE
BOLTS

NOTE

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

FRAMING PLAN
SCALE: 1/4" = 1'

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
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REID CARPORT
FRAMING DETAILS

PROJECT NO: R2/252
DATE: SEP. 11, 2021
REVISION DATE: 09/11/2021
SHEET: 2