

- DESIGN CODES:  
2017 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL  
ASCE 7-10, 2005  
NDS, ACI, ATIC, AWPA, APA, ICC 600-08

- DESIGN LOADS:

ROOF TRUSS:  
LL 20 PSF TOP CHORD  
LL 0 PSF BOTTOM CHORD  
DL 7 PSF TOP CHORD  
DL 5 PSF BOTTOM CHORD

LL 20 PSF RAFTERS  
LL 20 PSF CEILING JOISTS  
DL 10 PSF RAFTERS  
DL 10 PSF CEILING JOISTS  
DL 30 PSF ATTICS WITH STORAGE  
DL 10 PSF ATTICS W/O STORAGE

LL 40 PSF TOP CHORD  
LL 0 PSF BOTTOM CHORD  
DL 10 PSF TOP CHORD  
DL 5 PSF BOTTOM CHORD

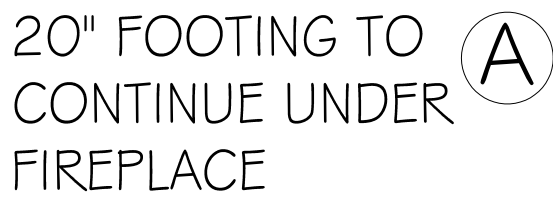
- NUMBER OF STORIES:

- WIND ZONE INFORMATION  
BUILDING: ENCLOSED STRUCTURE  
ULTIMATE DESIGN WIND SPEED: 130 MPH  
NOMINAL DESIGN WIND SPEED: 110 MPH  
BUILDING RISK CATEGORY: II  
WIND EXPOSURE CATEGORY: C  
INTERNAL PRESSURE COEFFICIENT: 0.18 CGPI ±



1. REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
2. CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH OWNER PRIOR TO POURING SLAB
3. THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED W/ GXG-1.4/I.4 WELDED WIRE MESH PLACED ON CHAIRS 1 3/4" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER W/ 6" LAPS SEALED W/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL
4. BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL PER FBC-RES, SECTION RA03.1.4

SIMPSON H2.5T @ EACH TRUSS OR AS REQUIRED BY TRUSS DESIGNER



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 42" 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.

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

OVERLAP ROOFING UNDERLAYMENT 4(MIN) OVER HIP AND RIDGES

BUTTON CAR NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF

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

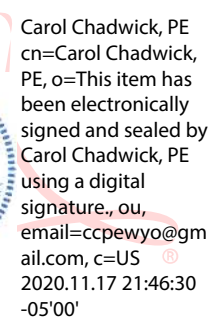
DRIP EDGE INSTALLED OVER THE UNDERLAYMENT AT RAKES AND UNDER THE UNDERLAYMENT AT EAVES

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

## ONE STORY WALL SECTION



Carol Chadwick, PE  
cn=Carol Chadwick,  
PE, o=This item has  
been electronically  
signed and sealed by  
Carol Chadwick, PE  
using a digital  
signature., ou,  
email=ccpewyo@gm  
ail.com, c=US  
2020.11.17 21:46:30  
-05'00'

PATTERSON PAVILION  
FOUNDATION DETAILS

PROJECT NO.  
FL20224  
DATE  
NOV. 17, 2020

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