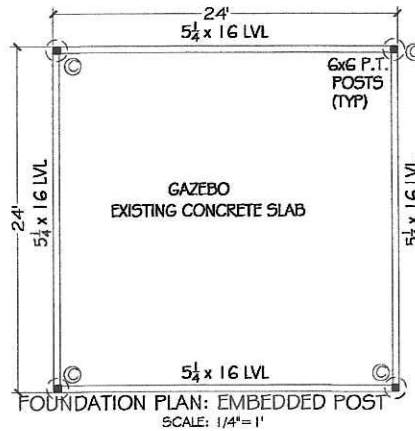


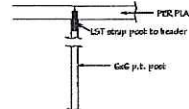
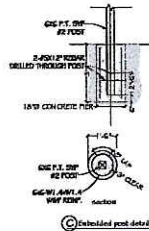
DESIGN SPECIFICATIONS

- DESIGN CASE:**
2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
JUNE 1, 2020
N/A, ALL VMC, RPTA, RPL, VCC-600-01
- OCCUPANCY: RESIDENTIAL GROUP R-3 (SINGLE-FAMILY AND TWO-FAMILY DWELLINGS)
 - DESIGN LOADS:
 - ROOF TRUSS:
 - LL 20 PSF ROOF CHORD
 - LL 10 PSF BOTTOM CHORD
 - DL 7 PSF TOP CHORD
 - DL 5 PSF BOTTOM CHORD
 - ROOF CONVENTIONAL FRAMING:
 - LL 20 PSF RAFTERS
 - LL 10 PSF CEILING JOISTS
 - DL 10 PSF RAFTERS
 - DL 10 PSF CEILING JOISTS
 - DL 30 PSF ATTICS WITH STORAGE
 - DL 10 PSF ATTICS WITH STORAGE
 - FLOORS:
 - LL 40 PSF TOP CHORD
 - LL 10 PSF BOTTOM CHORD
 - DL 10 PSF TOP CHORD
 - DL 5 PSF BOTTOM CHORD
 - MAXIMUM HEIGHT OF STRUCTURE:
 - NUMBER OF STORIES: 1
 - TYPE OF CONSTRUCTION: TYPE V-C, UNFIRE-RATED, UNFIRE-RESISTANT
 - WIND ZONE INFORMATION:
 - BUILDING ENCLOSED STRUCTURE
 - ULTIMATE DESIGN WIND SPEED: 130 MPH
 - NOMINAL DESIGN WIND SPEED: 110 MPH
 - BUILDING RISK CATEGORY: B
 - WIND EXPOSURE: OUTSIDE: C
 - INTERNAL PRESSURE COEFFICIENT: 0.18 (C_{pi})



FRAMING NOTES

- 6"x6" BRACING AT EACH CORNER IN BOTH DIRECTIONS
- RAFTERS: 2X10 SP #3 @ 16" O.C.
- RIDGE BOARD: 2X12 OR LVL EQUAL
- CABLE END FURLINS: 2X6 @ 45°
- COLLAR TIES: 2X4 @ 48" O.C.



CONNECTION DETAIL
NOT TO SCALE

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 6", 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.

ROOF SHEATHING FASTENING

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

SEE FIGURE RA03.2.3.1, SECTION RA03.1, 2017 FLORIDA BUILDING CODE - RESIDENTIAL, SIXTH EDITION FOR ROOF SHEATHING NAILING ZONES

ROOF NOTES

ROOF PITCH LESS THAN 4/12 PER LAYER OF UNDERSLANTMENT IS REQUIRED

OVERLAP ROOFING UNDERSLANTMENT 4" MIN OVER RIDGES AND EDGES

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

Drip Edge Installed OVER THE UNDERSLANTMENT AT RAKES AND UNDER THE UNDERSLANTMENT AT EAVES

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

METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND MANUFACTURER'S SPECS

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



Digitally signed by Chad Chudwick
DN: cn=Chad Chudwick, o=Chad Chudwick, ou=Chad Chudwick, email=chad@chadchudwick.com, c=US
Date: 2021.11.02 12:52:57 -0400

RING PAVILION FOUNDATION DETAILS	
Project No.	125257-01007
Sheet No.	1
Scale	1/4" = 1'
Author	Chad Chudwick
Check	Chad Chudwick
Appr	Chad Chudwick
Date	2021.11.02