

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

- DESIGN LOADS:

ROOF CONVENTIONAL FRAMING:
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

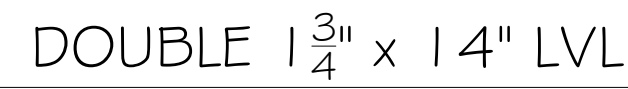
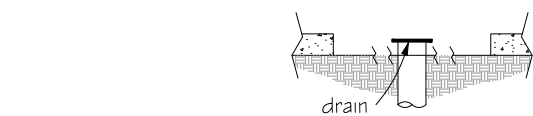
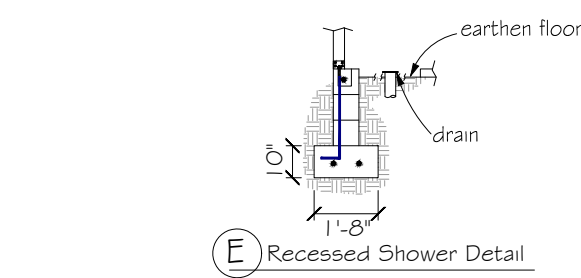
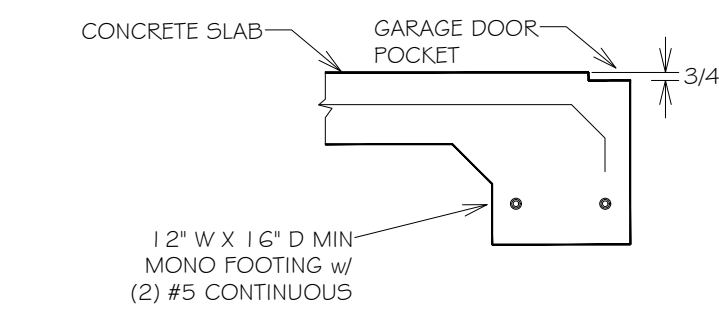
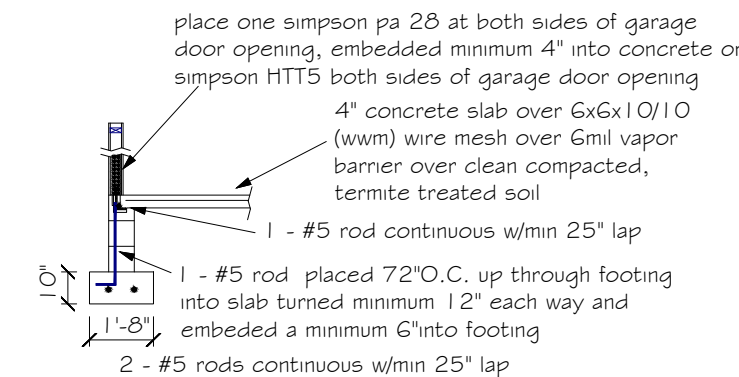
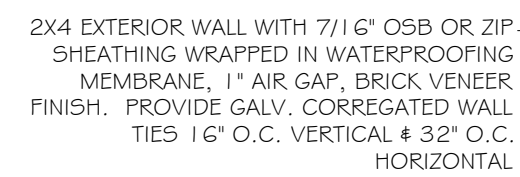
- MAXIMUM HEIGHT OF STRUCTURE: 28'-5"

- NUMBER OF STORIES: 1
- TYPE OF CONSTRUCTION: TYPE V-6, UNPROTECTED, UNSPRINKLERED

- 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 ±

● 3/8" A307 DIAMETER THREADED
ROD TERMINATES AT TOP
PLATE PER DETAIL ON S-2

1. REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWN, 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/ 6X6-1/4I, 1.4 WELDED WIRE MESH PLACED ON CHAIRS 1 1/2" 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 R403.1.4



4" STEP DOWN

12" +/- STEP DOWN

6x6 PT WOOD POST, TYP

SLOPE FLOOR

A

B

D

D

CHADWICK
ENSE
B2560

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

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

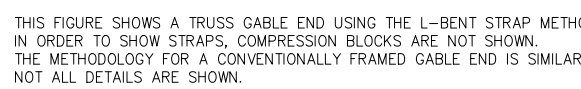
DRIP EDGE INSTALLED OVER THE UNDERLAYMENT AT RAKES AND UNDER THE UNDERLAYMENT AT EAVES

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

BEAM CONNECTION DETAIL
NOT TO SCALE



Double 1 3/4" x 9-1/4" LVL beam over opening up to 12'
Double 1 3/4" x 11-7/8" LVL beam over opening over 12'
and up to 14'
Double 1 3/4" x 14" LVL beam over opening over 14' and
up to 16' with 3 king studs each end and 2 trimmers each
end of beam. Fastened with 12d nails to top plate and
framing members. One PA28 at both sides of opening
embedded min 4" into concrete. LST18 strap over
trimmer to header each side.



NOTE:
UPLIFT CONNECTION IS REQUIRED AT EACH END OF HEADER AND AT BOTTOM OF HEADER STUDS IN ADDITION TO CONNECTORS AT WALL STUDS AND AT TOP AND BOTTOM OF CRIPPLES

MAXIMUM HEADER SPAN					
3	6	9	12	15	16

NUMBER OF HEADER STUDS (JACKS) SUPPORTING END OF HEADER

1	1	2	2	2	2
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NUMBER OF FULL LENGTH STUDS (KINGS) AT END OF HEADER

2

OPENING WIDTH	BEARING OR SHEAR WALL	NON-BEARING WALL
0"-0" TO 30"	2 - 2 x 6's	2 - 2 x 4's
30 1/2" TO 50-0"	2 - 2 x 10's	2 - 2 x 6's
51-1" TO 7'-0"	2 - 2 x 10's	2 - 2 x 8's
7'-1" TO 10'-0"	2 - 2 x 10's	2 - 2 x 10's

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@gmail.com, c=US
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