

DESIGN SPECIFICATIONS

DESIGN CODES:
2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
ASCE 7-10, 2005
NDS, ACI, ATC, AWWA, APA, ICC 600-08

OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)

DESIGN LOADS:

ROOF TRUSS:

LL 20 PSF TOP CHORD
LL 0 PSF BOTTOM CHORD
DL 7 PSF TOP CHORD
DL 5 PSF BOTTOM CHORD

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

FLOORS:

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

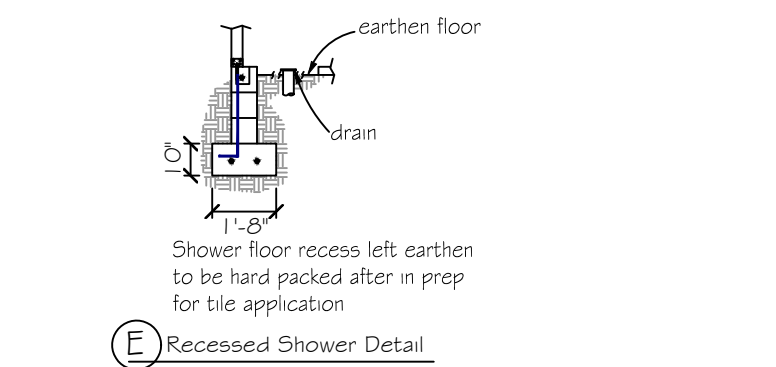
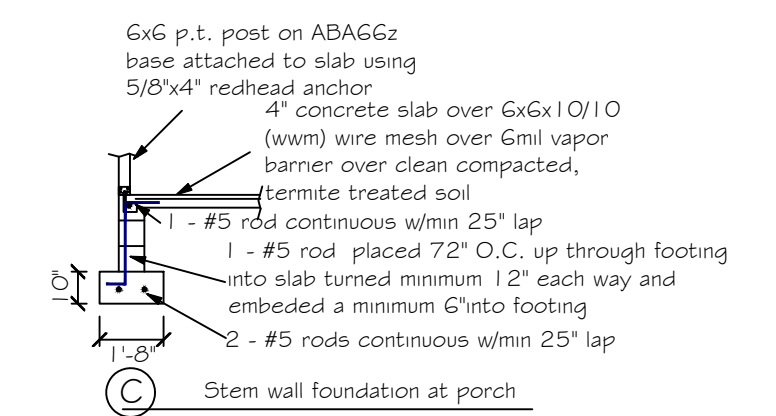
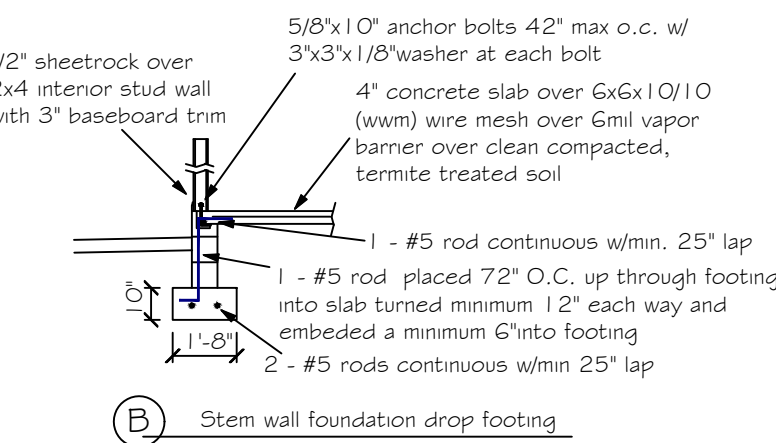
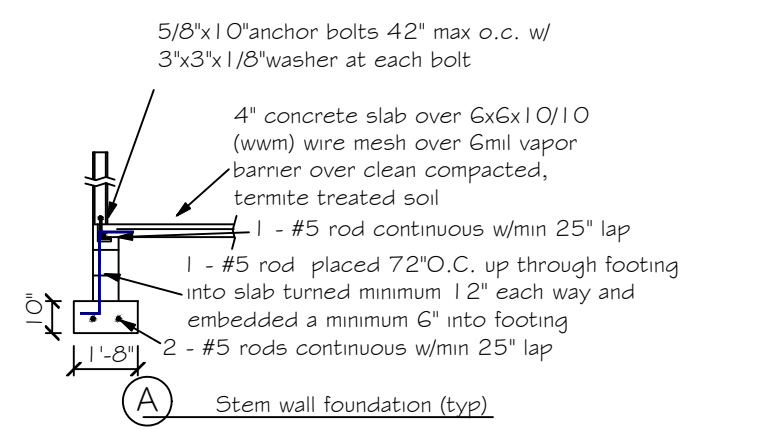
MAXIMUM HEIGHT OF STRUCTURE: 17'-11 1/2"

NUMBER OF STORIES: 1

TYPE OF CONSTRUCTION: TYPE V-G, UNPROTECTED, UNSPRINKLERED

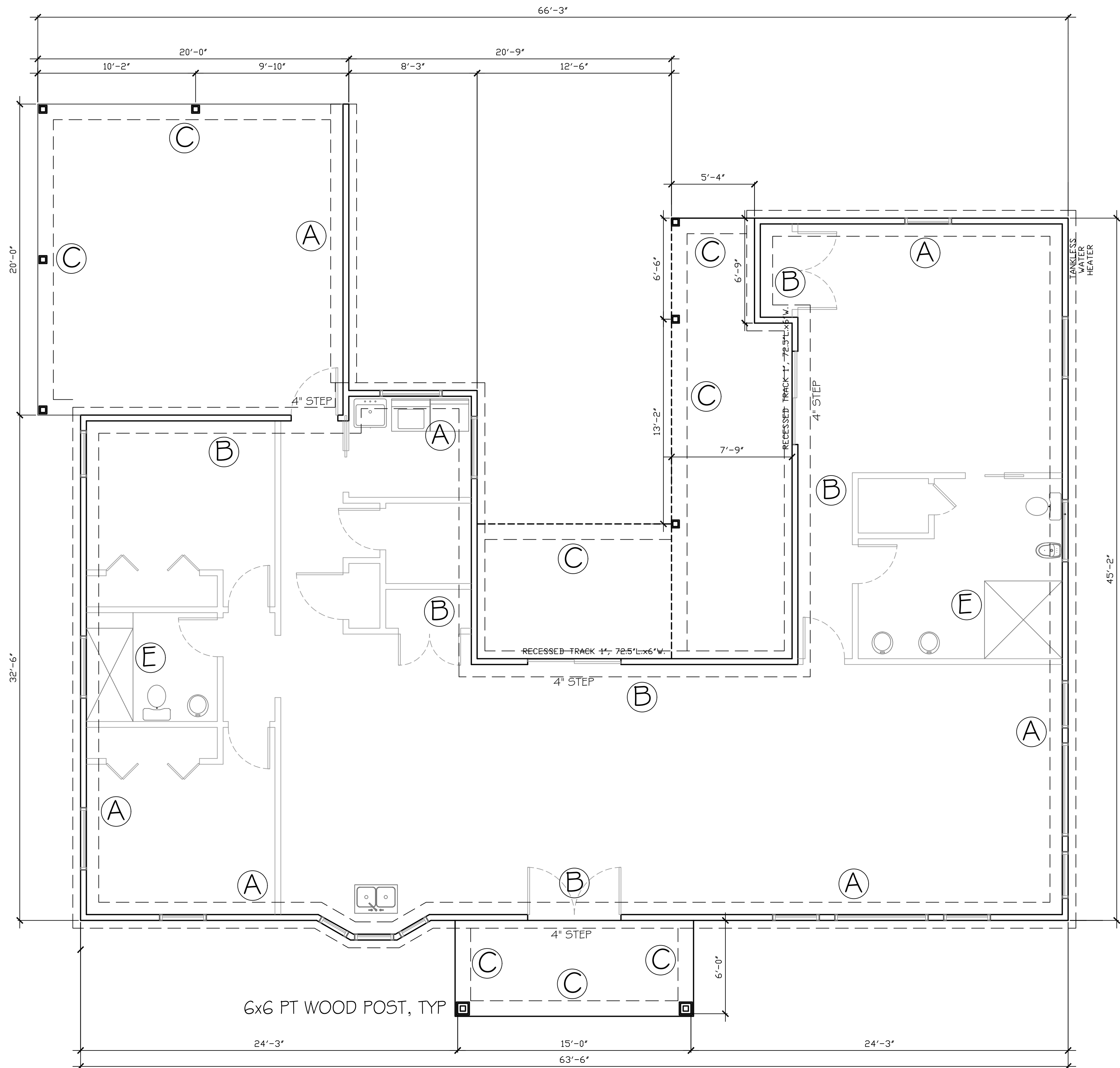
WIND ZONE INFORMATION:

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: 0.1 & C_{gpi} ±



FOUNDATION NOTES

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/ 6X6-1.4/1.4 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



FOUNDATION PLAN

SCALE: 1/4" = 1'



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PROJECT: JIMENEZ RESIDENCE		DATE: 02/21/2021	
DRAWN BY: BRYAN ZIGLER CONSTRUCTION		CHECKED BY: BRYAN ZIGLER CONSTRUCTION	
PROJECT NO: 2021.02.21.001		SHEET NO: 1	
PROJECT LOCATION: 1345 JIMENEZ BLVD, MIAMI, FL 33134		PROJECT OWNER: JIMENEZ RESIDENCE	
PROJECT DESCRIPTION: JIMENEZ RESIDENCE FOUNDATION DETAILS		PROJECT STATUS: IN PROGRESS	
PROJECT CONTACT: BRYAN ZIGLER CONSTRUCTION		PROJECT PHONE: 305.752.2653	
PROJECT EMAIL: bzygler@bzygler.net		PROJECT FAX: 305.752.2653	
PROJECT WEBSITE: www.bzygler.com		PROJECT SOCIAL: @bzygler	
PROJECT ADDRESS: 1345 JIMENEZ BLVD, MIAMI, FL 33134		PROJECT ZIP: 33134	
PROJECT CITY: MIAMI		PROJECT STATE: FL	
PROJECT COUNTRY: USA		PROJECT CONTINENT: NORTH AMERICA	

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

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 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



Carol Chadwick, PE
cn=Carol Chadwick, PE, o=This item has
been electronically signed and sealed by
Carol Chadwick, PE using a digital
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email=ccpewyo@gmail.com, c=US
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