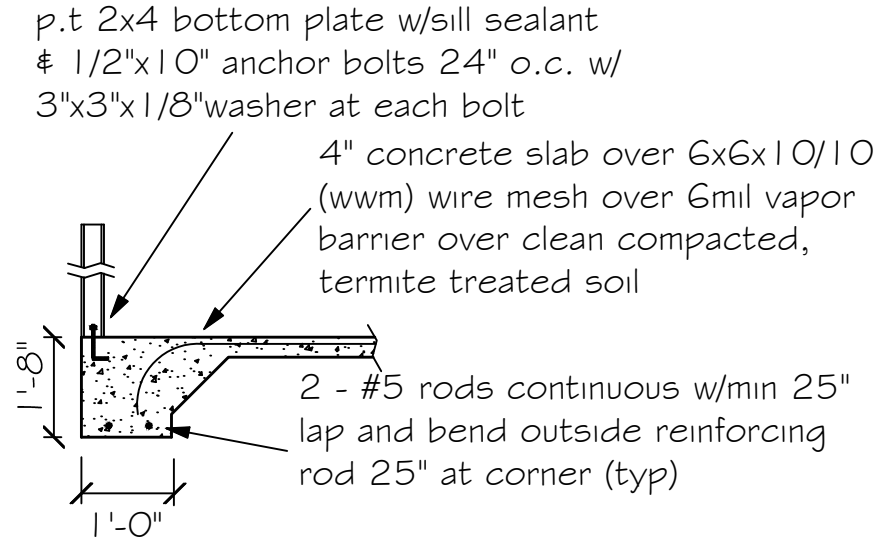
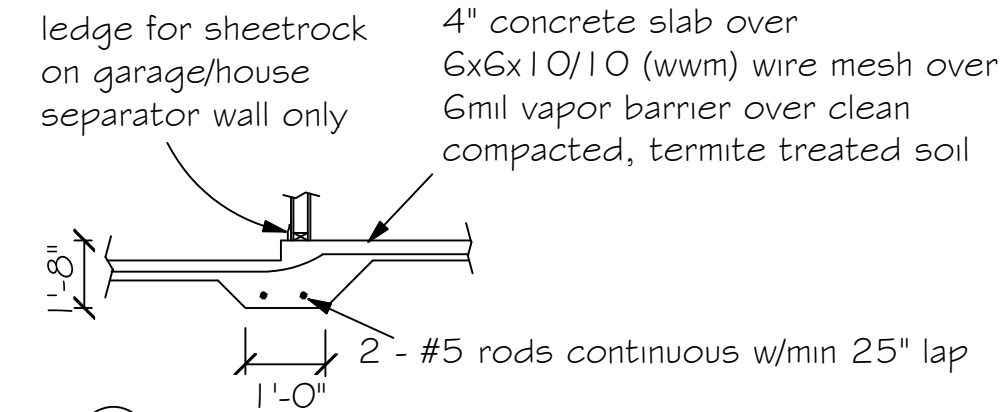


DESIGN SPECIFICATIONS

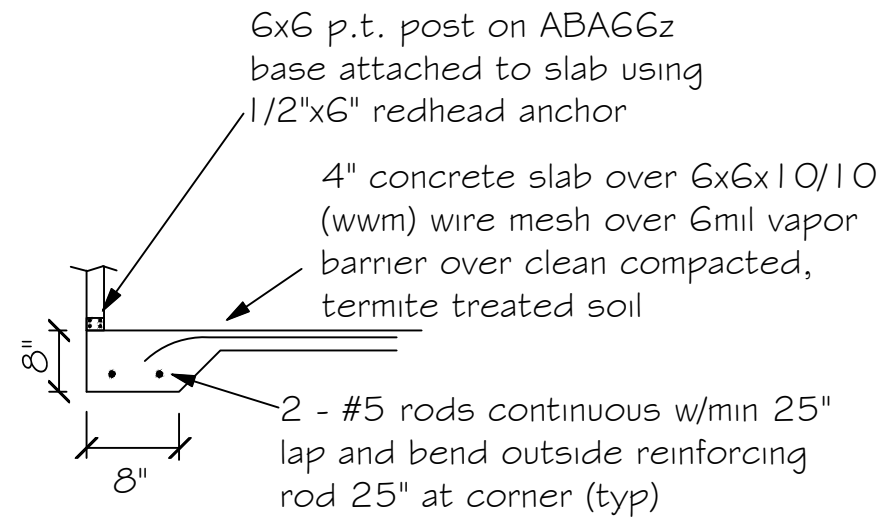
- DESIGN CODES:
2023 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:
ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS W/O STORAGE
FLOORS:
LL 40 PSF TOP CHORD
LL 0 PSF BOTTOM CHORD
DL 10 PSF TOP CHORD
DL 5 PSF BOTTOM CHORD
- 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: 0.18 CGP1 ±



(A) Monolithic slab detail

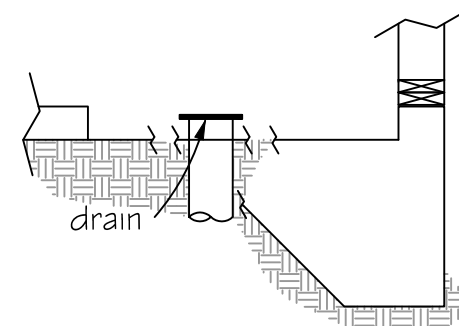


(B) Load bearing step foundation (typ)



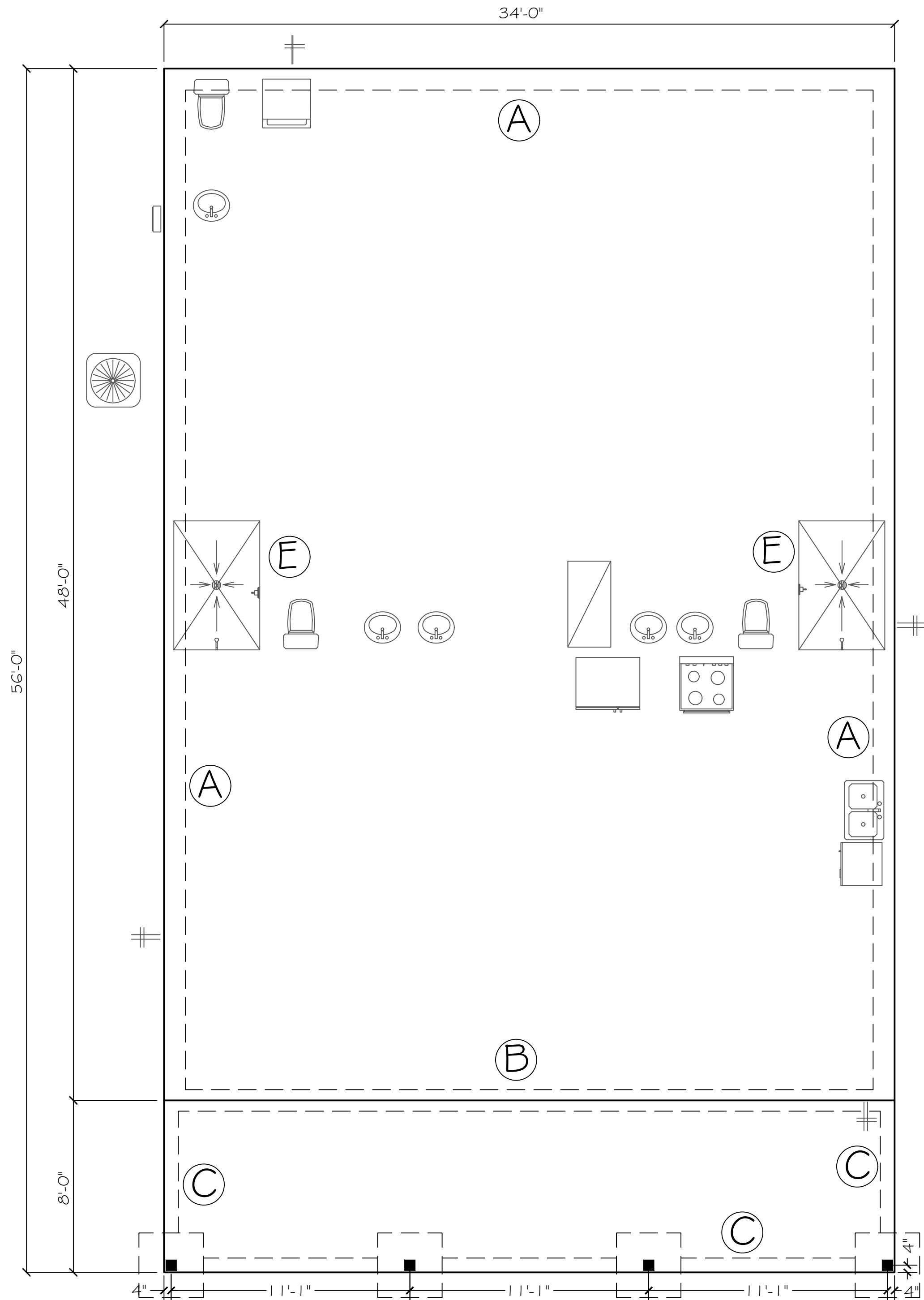
FOOTING AT POSTS:
3'-0" x 3'-0" x 1'-0" depth with 3 - #5 bars each way at bottom w/ 6x6 p.t. post on ABAGGz base attached to slab using 1/2"x6" redhead anchor

(C) Monolithic slab detail at porch/carport



Shower floor recess left earthen to be hard packed after in prep for tile application

(E) Recessed Shower Detail



FOUNDATION PLAN
SCALE: 1/4" = 1'

FOUNDATION NOTES

- REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
- CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH OWNER PRIOR TO POURING SLAB
- 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
- BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL
- SOIL UNDER FOOTING SHALL BE COMPRESSED TO 2000 PSF AT 95% DENSITY. CONCRETE STRENGTH SHALL BE 2500 PSI.

Digitally signed by
Carol Chadwick
DN: c=US,
o=Florida,
dnQualifier=A0141
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cn=Carol Chadwick
Date: 2024.06.05
12:19:30 -04'00'

This item has been digitally signed and sealed by Carol Chadwick, P.E., on the date apparent to the seal. Printed copies of this document are not considered signed and sealed and this signature must be verified on any electronic copies.

TYRE RESIDENCE FOUNDATION PLAN 1364 SW JARVIS AVENUE, LAKE CITY, FL	
DESIGNED FOR NICHOLAS & SAMANTHA TYRE nicholas@gnail.com	REGISTERED PROFESSIONAL ENGINEER CAROL CHADWICK, P.E. FLORIDA No. 18800 DATE OF EXPIRATION 06/30/2026
DATE JUNE 5, 2024	SCALE 1/4" = 1'

SOFFIT TABLE VENT SPECS

Double 5" perforated soffits have a 6.20 sq. inches/sq. foot rating

Triple 4" center vent soffit has a 1.956 sq. inches/sq. foot rating

Triple 4" full vent soffit has a 5.867 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 4.79 sq. inches/sq. foot rating

Beaded 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

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



2x4 TREATED TYP #2 SILL PLATE



Digitally signed by
Carol Chadwick
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