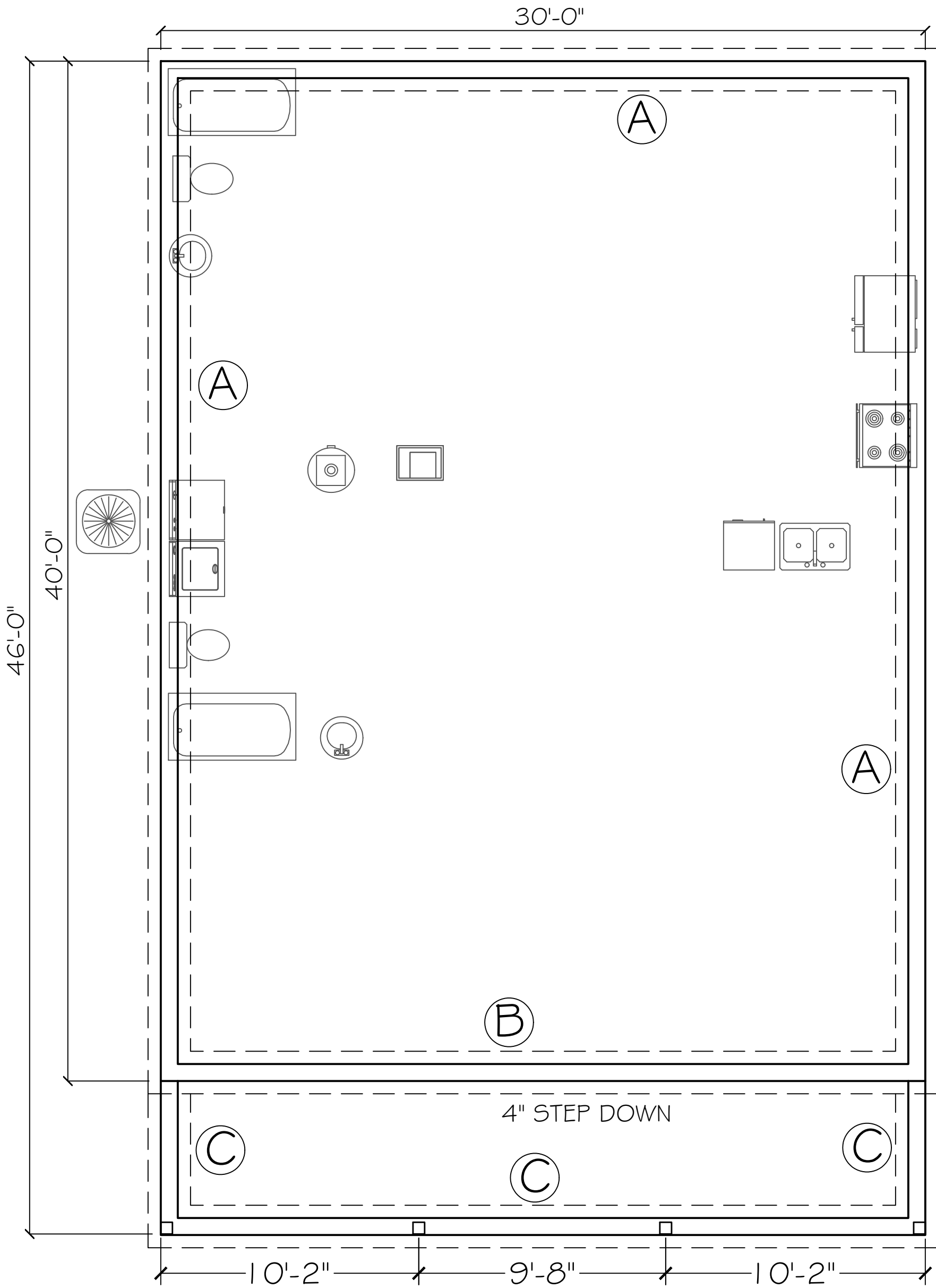
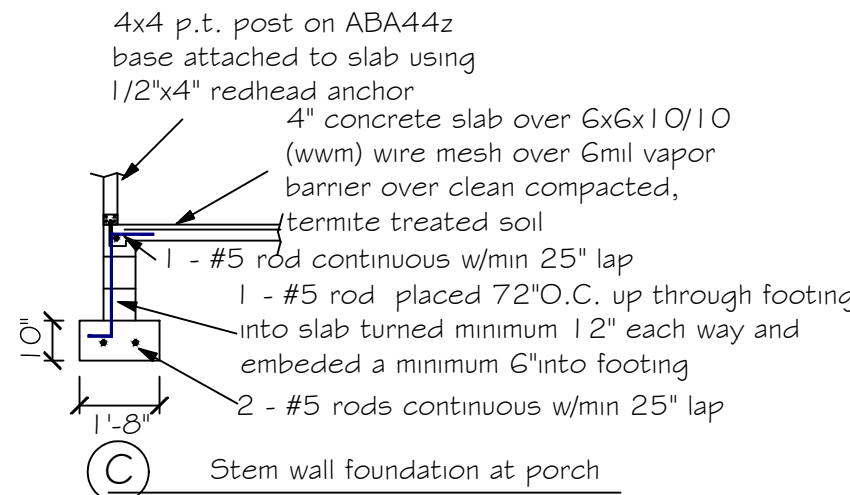
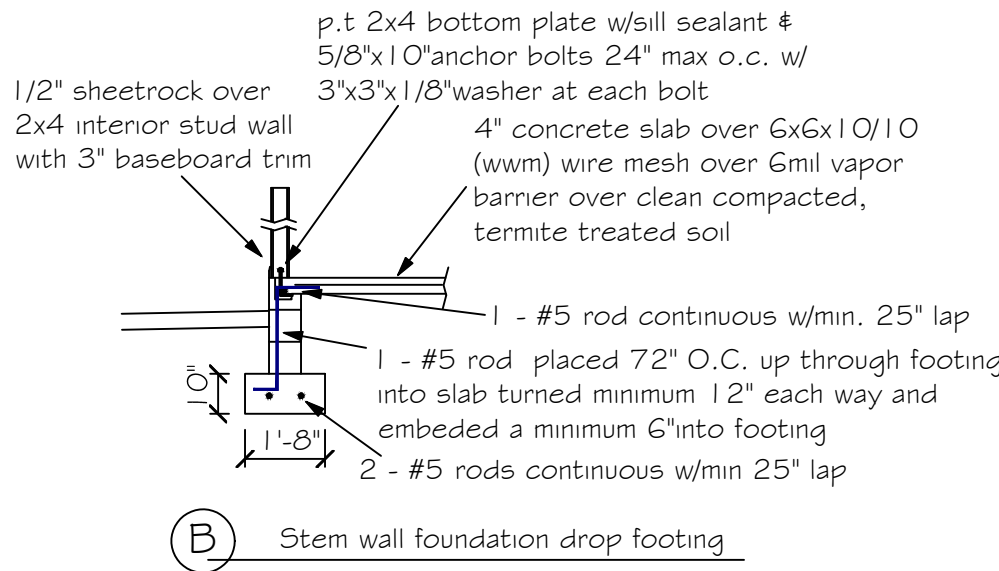
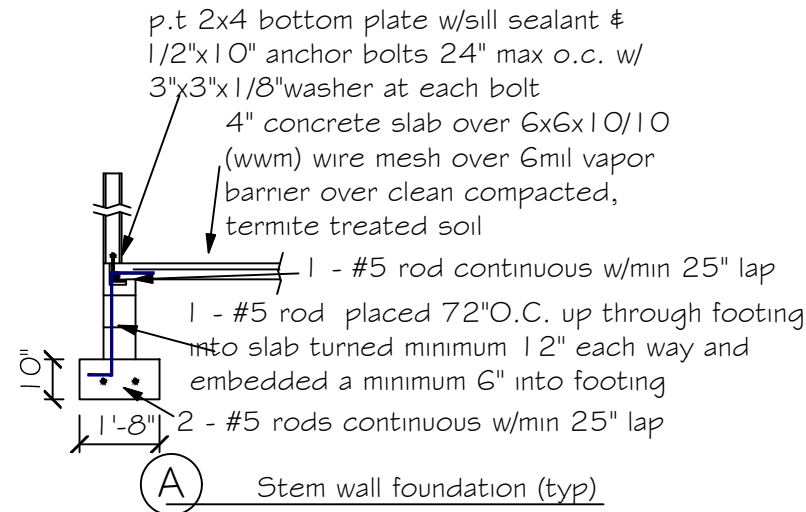


DESIGN SPECIFICATIONS

- 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 ±



FOUNDATION PLAN
SCALE: 1/4" = 1'

FOUNDATION NOTES

- REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS,
RECESSES IN SLAB, STEP DOWNS, ETC.
- SOIL UNDER FOOTING SHALL BE COMPRESSED TO 2000 PSF AT 95% DENSITY.
CONCRETE STRENGTH SHALL BE 2500 PSI.
- 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 12" 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 PER FBC-RES. SECTION R403.1.4



Digitally signed by
Carol Chadwick
DN: c=US, o=Florida,
dnQualifier=A01410
000001B046394E7
500032FEE, cn=Carol
Chadwick
Date: 2024.06.11
20:56:05 -0400'

SYKES RESIDENCE FOUNDATION PLAN 195 NW FISHER COURT, LAKE CITY, FL	DATE: 06/11/2024 REVISION: 01	PROJECT: 24-0001 SHEET: 5-1
DESIGNED FOR: WHITIRON CONSTRUCTION CO 10000 WINDING ROAD SUITE 115-242 LAKE CITY, FL 32095 (866) 754-7367	REVISIONS NO. DESCRIPTION DATE BY	REVISIONS NO. DESCRIPTION DATE BY
CAROL CHADWICK, P.E. Professional Engineer State of Florida License No. 122424 Expiration Date: 06/11/2024		

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

