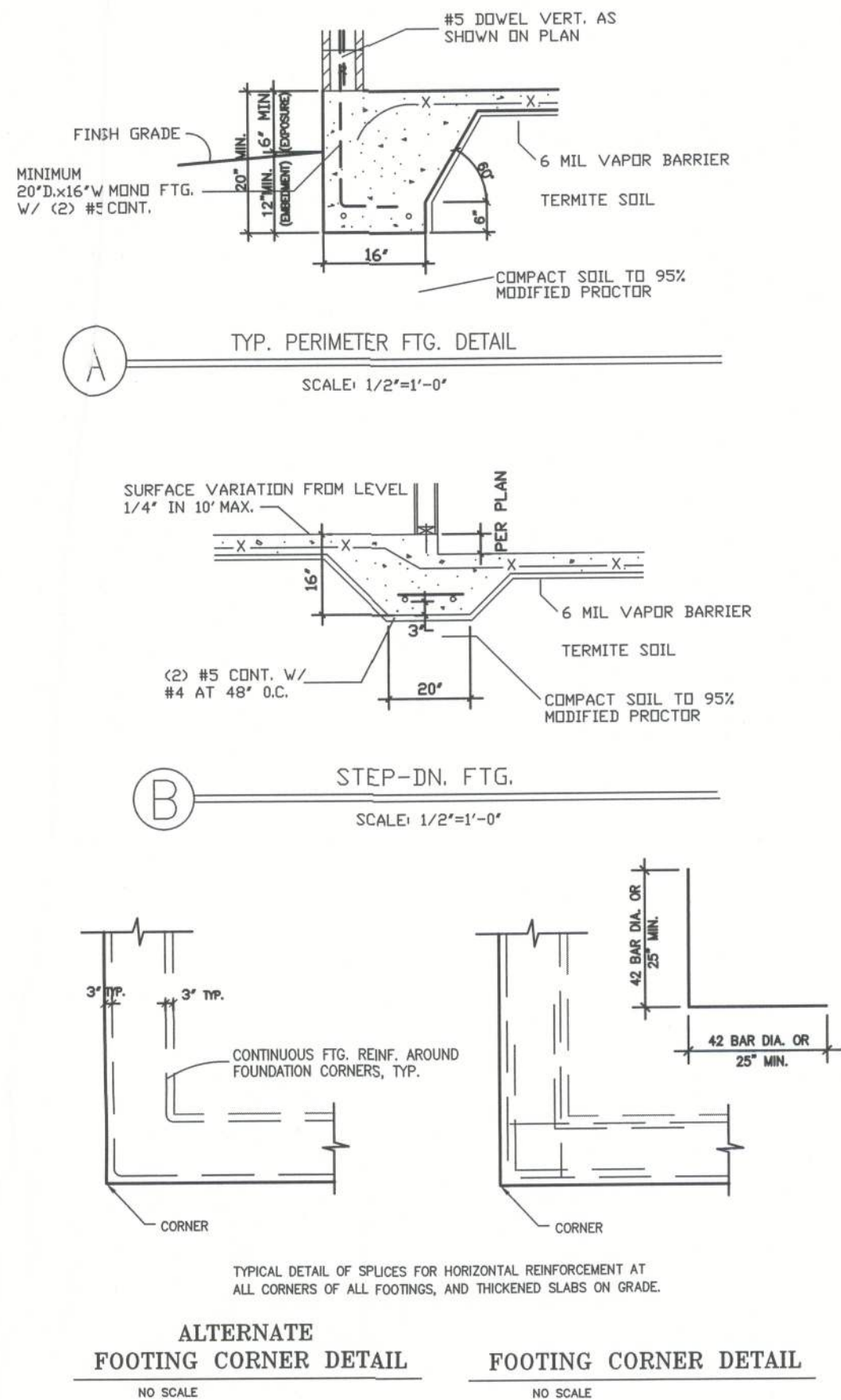


DESIGN SPECIFICATIONS

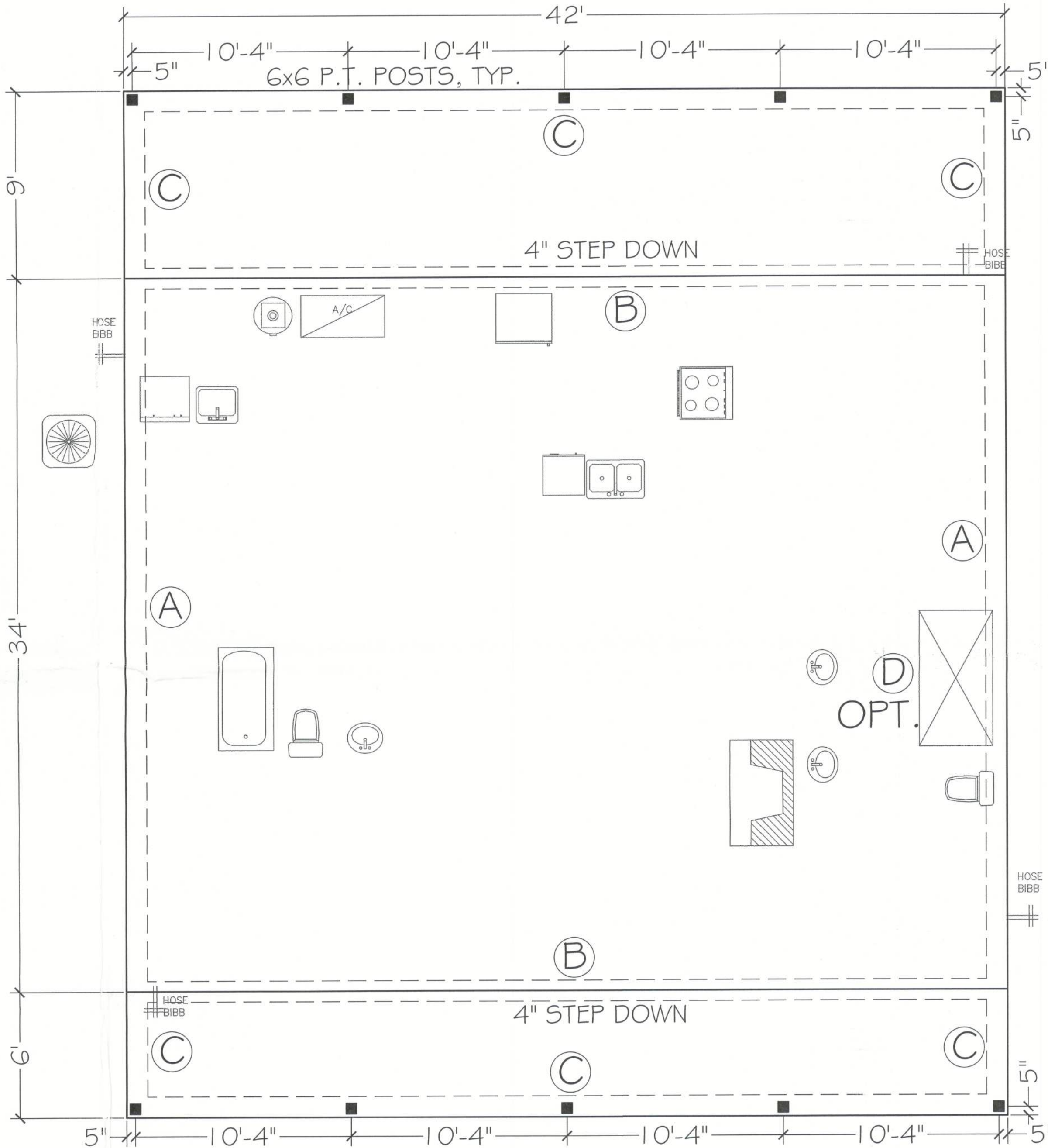
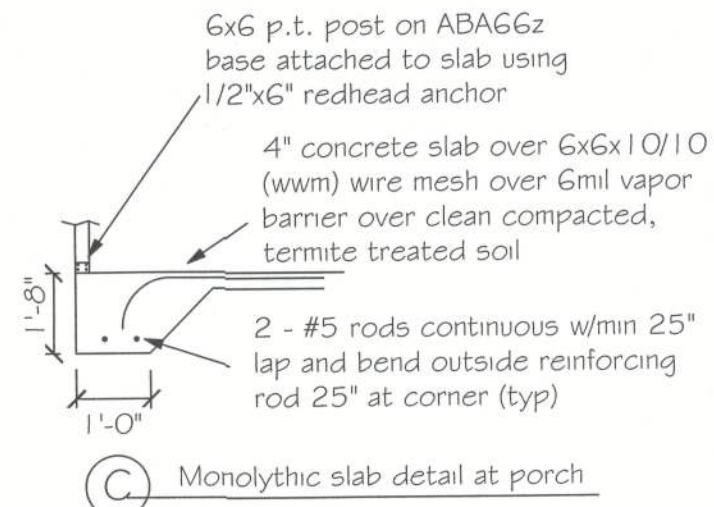
- DESIGN CODES:
 - 2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
 - ASCE 7-10, 2005
 - NDS, ACI, ATC, AWWA, APA, ICC 600-08
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:
 - ROOF CONVENTIONAL FRAMING:
 - LL 20 PSF RAFTERS
 - LL 20 PSF CEILING JOISTS
 - DL 10 PSF RAFTERS
 - 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 CG_{pi} ±



NOTE:
SOIL UNDER FOOTING SHALL BE
COMPRESSED TO 2000 PSF AT
95% DENSITY. CONCRETE
STRENGTH SHALL BE 2500 PSI

FOUNDATION NOTES

- REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
- CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH ARCHITECTURAL PLANS 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" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ 6" LAPS SEALED w/ POLY TAPE OVER TERMITES-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



FOUNDATION PLAN

SCALE: 1/4" = 1'



Digitally signed by Carol Chadwick
DN: cn=Carol Chadwick, o=Carol Chadwick, email=Carol.Chadwick@johnc.com
Date: 2023.05.09 12:11:52 -0400

Printed copies of this document are not considered
signed and sealed and the signature must be verified
on any electronic copies.

SOTO RESIDENCE FOUNDATION PLAN TBD MAGNOLIA LANE, FORT WHITE, FL	
PROJECT NO. 23129	DATE: MAY 9, 2023
DESIGNED BY: CAROL CHADWICK	CHECKED BY: CAROL CHADWICK
DATE: MAY 9, 2023	DATE: MAY 9, 2023
5-1	