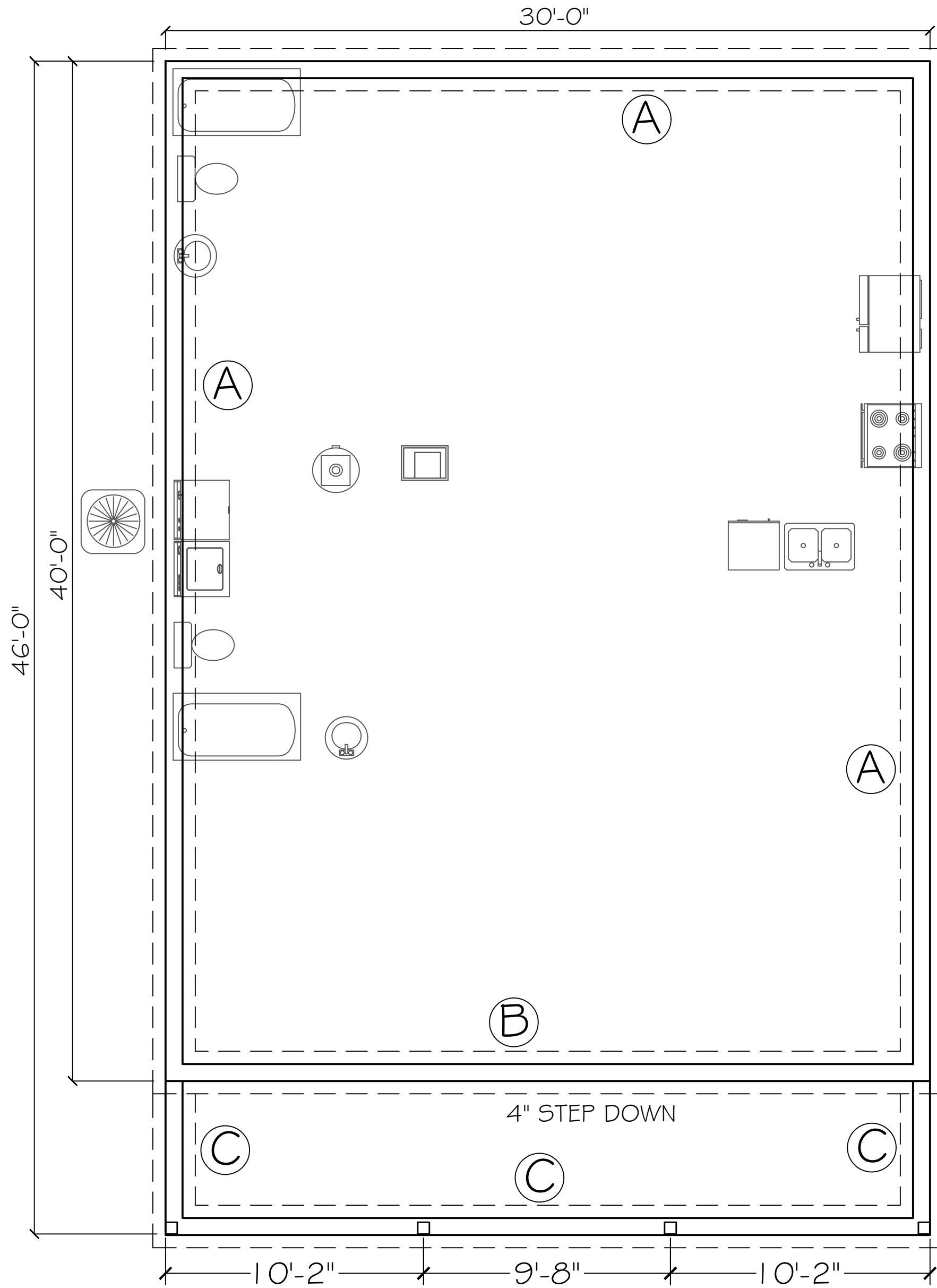
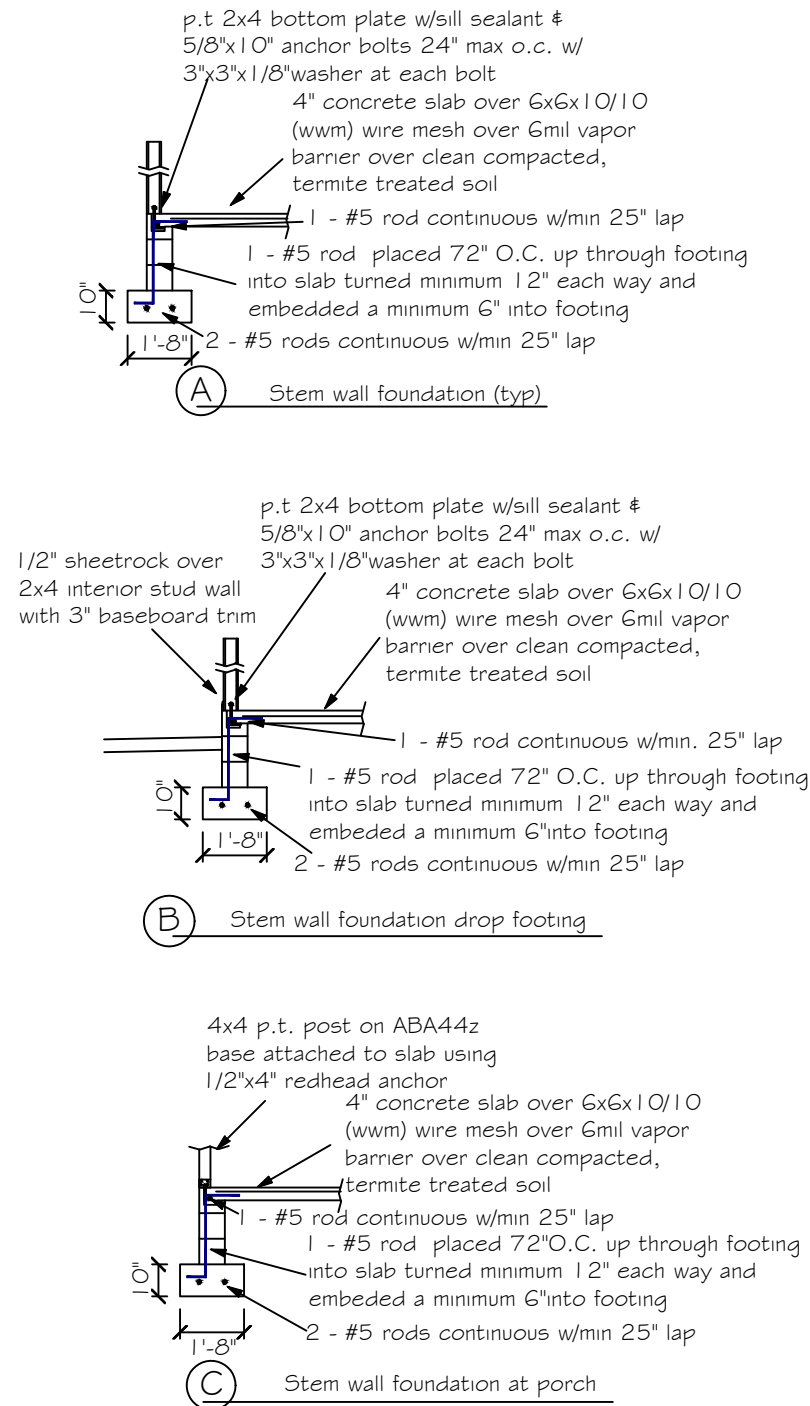


DESIGN SPECIFICATIONS

- DESIGN CODES:
2020 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 CGpi ±



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 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 PER FBC-RES. SECTION R403.1.4



Digitally signed by Carol Chadwick
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dnQualifier=A0141600000017EBAD
924CE0005954C, cn=Carol
Chadwick
Date: 2023.11.08 17:38:21 -05'00'

SYKES RESIDENCE FOUNDATION PLAN 195 NW FISHER COURT, LAKE CITY, FL		REVISIONS DATE BY DESCRIPTION		REVISIONS DATE BY DESCRIPTION	
SUBMITTED FOR WHITDON CONSTRUCTION CO 195 NW FISHER COURT SUITE 115-242 LAKE CITY, FL 32095 (866) 754-7367		DATE NOV. 6, 2023		SCALE 1/4" = 1'	
DRAWN BY FL29484		CHECKED BY FL29484		DATE NOV. 6, 2023	
PROJECT NO. 195 NW FISHER COURT		SHEET NO. 1		TOTAL SHEETS 1	

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valid and the signature must be verified on any electronic copies.

ROOF VENT CALCULATION					
FORMULA					
1 SQUARE INCH FOR EVERY 300 SQUARE INCHES OF CEILING 144 SQUARE INCHES = 1 SQUARE FOOT BUILDING CEILING (SQ FT) x 144 = BUILDING (SQ IN) BUILDING (SQ IN) / 300 = SQ IN OF VENT REQUIRED SQ IN OF VENT REQUIRED / 12 = 50% AT HIGH AND 50% AT LOW PER FBC SECTION R806.2, 40% MIN, BUT NOT MORE THAN 50% OF VENTILATION MUST BE PROVIDED BY VENTILATORS LOCATED A MIN 3'-0" ABOVE EAVE					
BASE OF CALCULATION: (a) OFF RIDGE VENTS - STAMPCO W/ 3G SQ IN (NFVA) PER LINEAL FT (b) SOPFIT VENTS - 2" T3-1/3" FULL VENT PERFORATED W/ 9.19 SQ IN (NFVA) PER LINEAL FT CALCULATED UNDER FOOT OF SOPFIT VENT SHALL NOT INCLUDE NON-VENTED FIRE RATED SOPFIT LOCATED LESS THAN 5' FROM PROPERTY LINE					
AREA (SQ FT)	REQUIRED	PROVIDED	AREA (SQ IN)	REQUIRED	PROVIDED
	TRIM	LOW	VENTS	TRIM	LINEAL FT
RIGHT (1) 6 VENT = 216 SQ IN LOW (1) UNDER FT = 21.9 SQ IN					
SOPFIT TABLE VENT SPECS					
Double 5" perforated soffits have a 6.20 sq. inches/sq. foot rating Triple 4" center vent soffit has a 1.396 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 4.78 sq. inches/sq. foot rating Beaded hidden vent soffit has 2.66 sq. inches/sq. foot rating Triple 3-1/8" hidden vent soffit has a 9.19 sq. inches/sq. foot rating					

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

NOTE
Simpson Strong-Tie Co. Strong-Drive SDWC TRUSS Screws may be used for uplift connection in lieu of straps. Strong-Drive SDWC TRUSS Screws to be installed per manufacturer's specifications.

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.

ROOF SHEATHING FASTENING

- 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

ROOF NOTES

ROOF PITCH LESS THEN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED

OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPs AND RIDGES

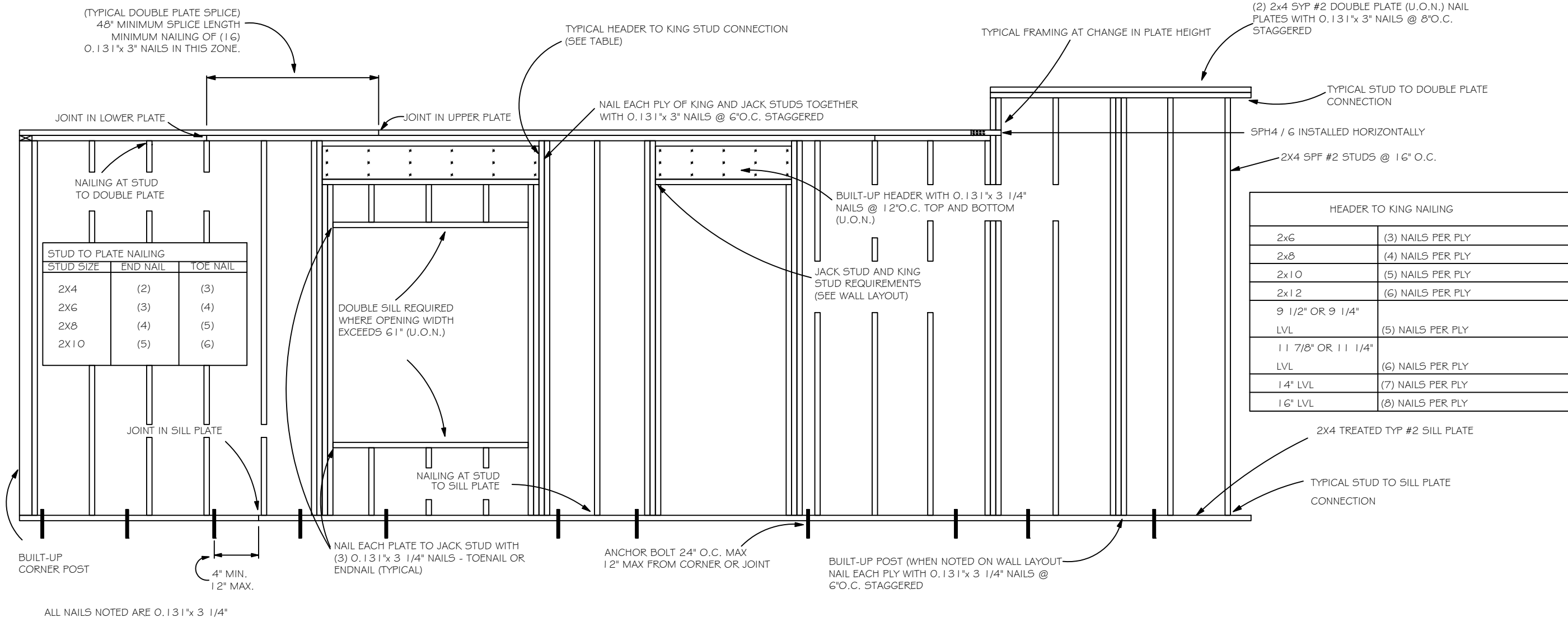
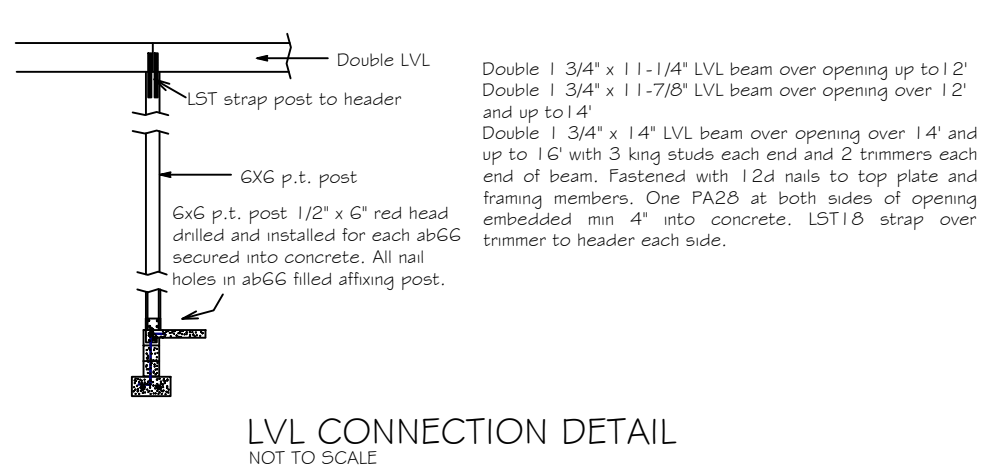
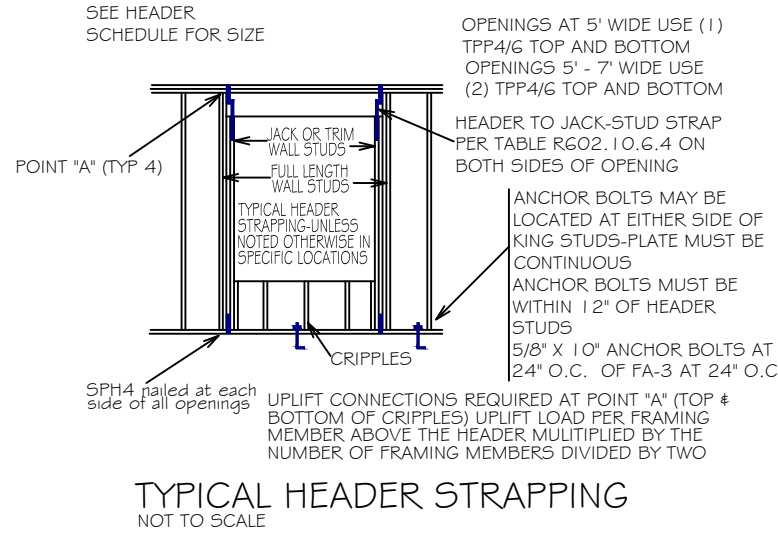
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK WHEN SHINGLES NOT INSTALLED SAME DAY

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

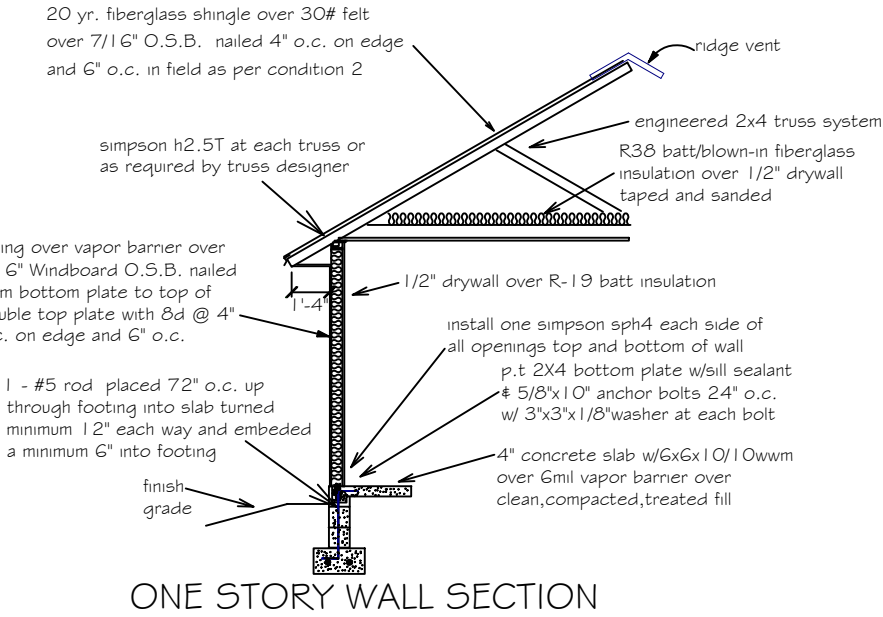
ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE CORRECT SIZE FOR THE PENETRATION

METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND MANUFACTURERS SPECS

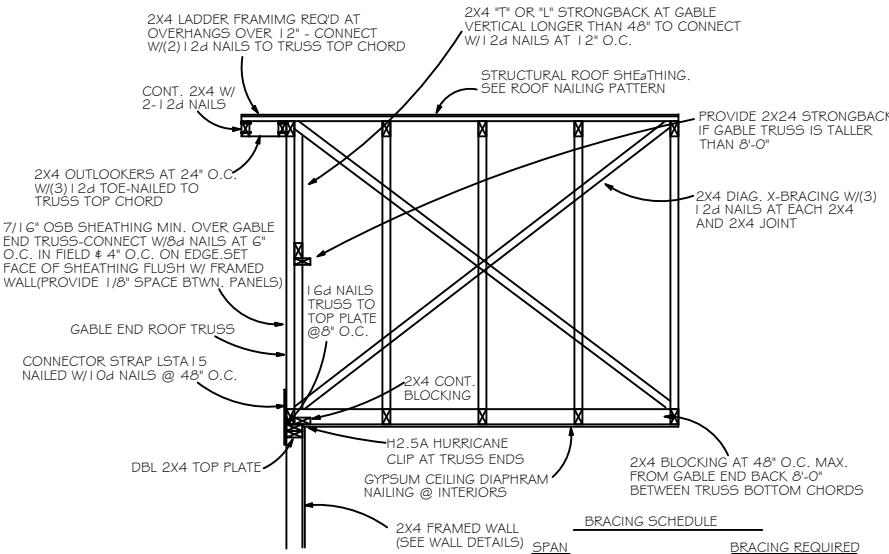
1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL CLADDING



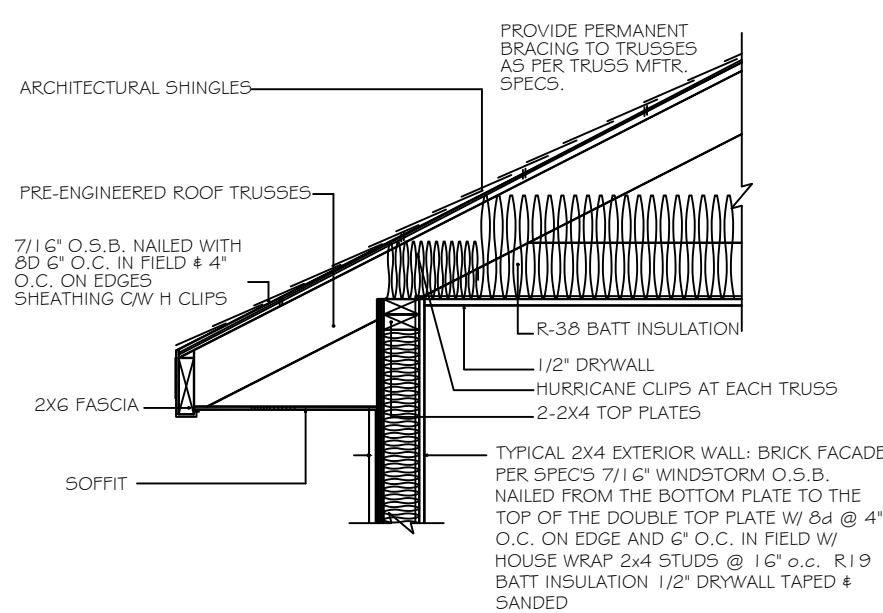
TYPICAL WALL FRAMING
NOT TO SCALE



ONE STORY WALL SECTION
NOT TO SCALE



GABLE END BRACING
NOT TO SCALE



4" STUD EAVE

Diagram illustrating the header connection details:

- HEADER SCHEDULE**: Indicated at the top of the header.
- 2x STUD CONTINUOUS TO TOP PLATE**: A vertical stud running through the header to the top plate.
- HEADER - CONTINUOUS**: The horizontal header member.
- 2 - 2x STUDS UNDER LATELS WITH OPENINGS LARGER THEN 5'-0"**: Two vertical studs supporting the header below the opening.

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'	18'

NUMBER OF HEADER STUDS (JACKS) SUPPORTING END OF HEADER					
1	1	2	2	2	2

OPENING WIDTH	BEARING OR SHEAR WALL	NON-BEARING WALLS
0'-0" TO 3'-0"	2 - 2 X 6's	2 - 2 x 4's
3'-1" TO 5'-0"	2 - 2 x 10's	2 - 2 x 6's
5'-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

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

Digitally signed by
Carol Chadwick
DN: cn=Carol
o=Florida,
dnQualifier=A0141
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24CE000595AC,
c=us
Date: 2023.11.08
17:38:49 -0500

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dated and the signature must be verified on any electronic copy.

REVIEWED FOR
WHITDON CONSTRUCTION CO
15000 WINDY HOLLOW LOOP
SUITE 115-642
LAKE CITY, FL 32095
(407) 754-7367

SYKES RESIDENCE
WALL FRAMING DETAILS
195 NW FISHER COURT, LAKE CITY, FL

DATE: 11/2/2023
REVISED DATE:
REVISION:
5/2

CAROL CHADWICK
Professional Engineer
No. 15867
FLORIDA
EXPIRATION DATE: 11/30/2026

REGISTERED FOR
FLORIDA
DATE: 11/30/2026