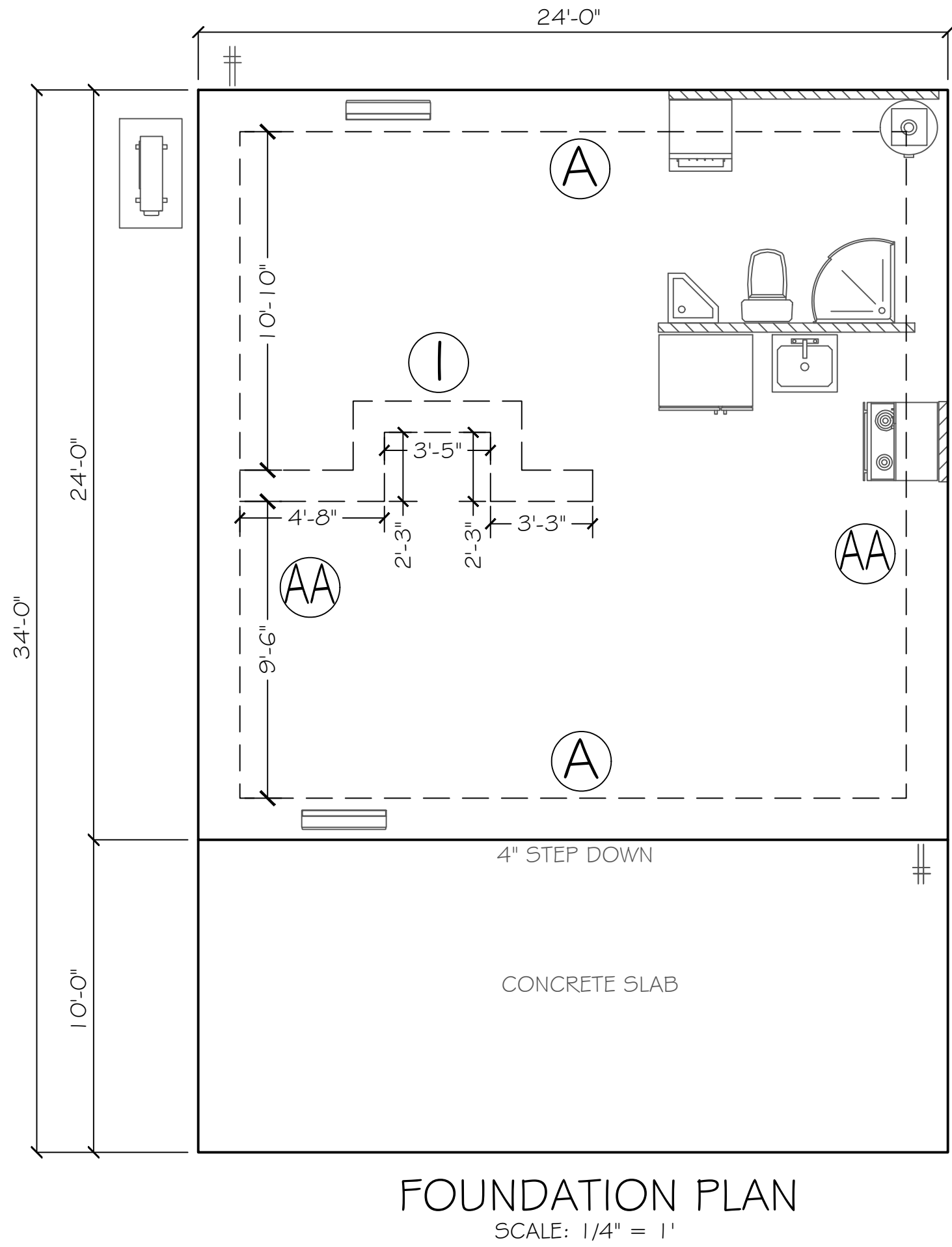
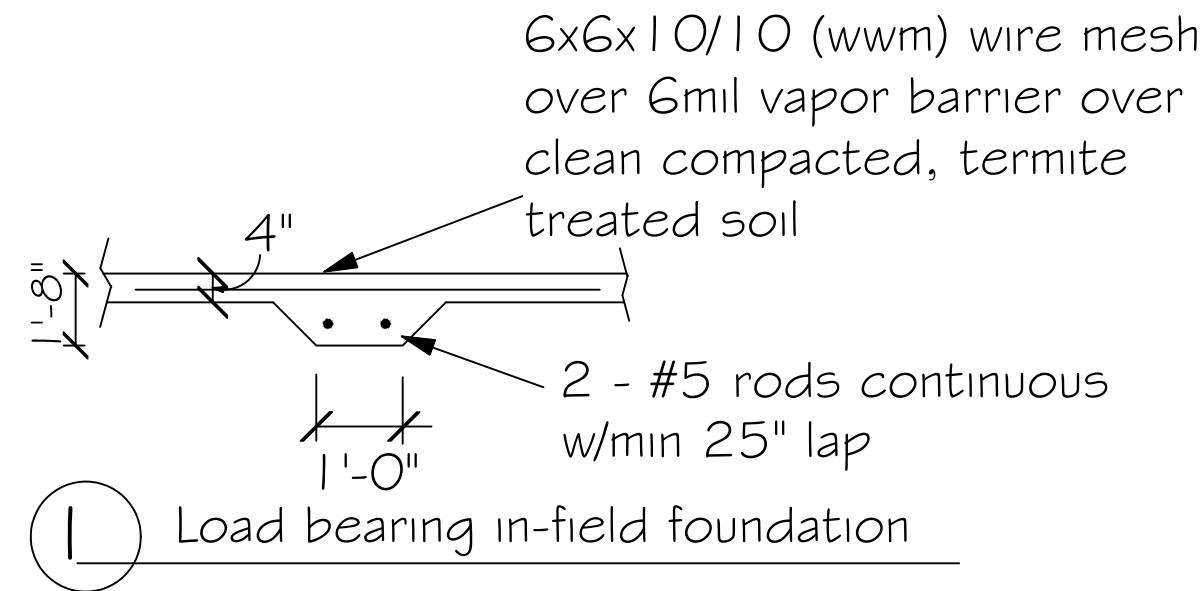
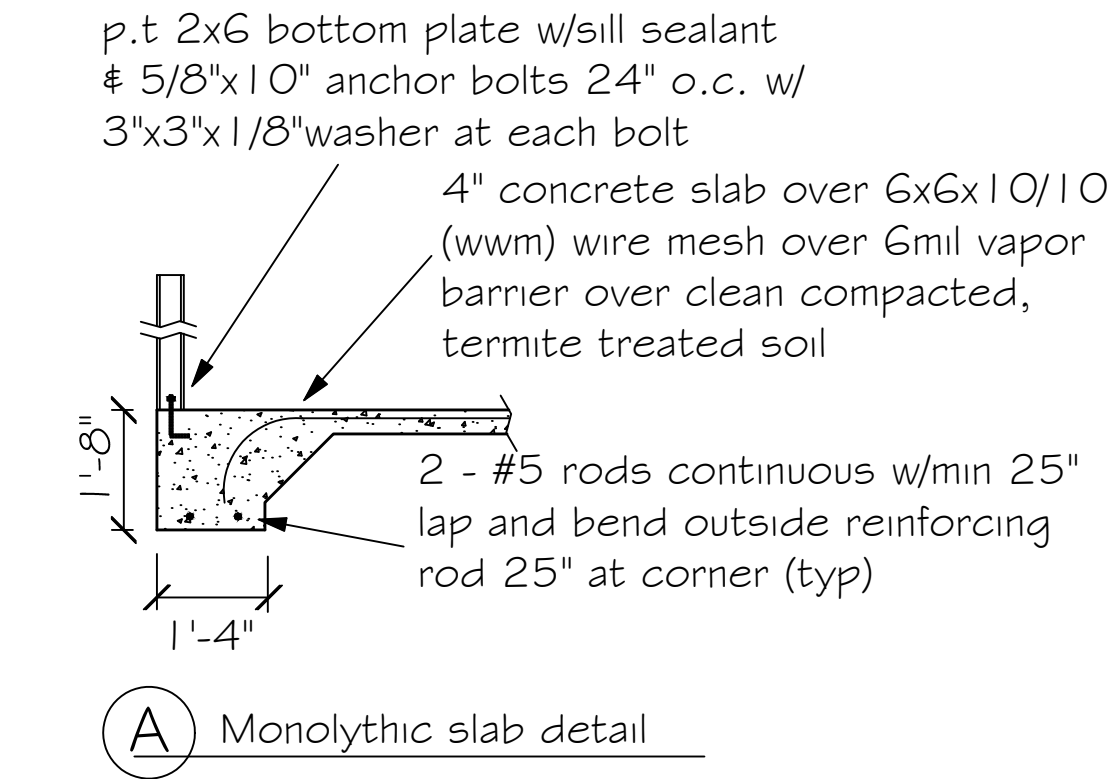
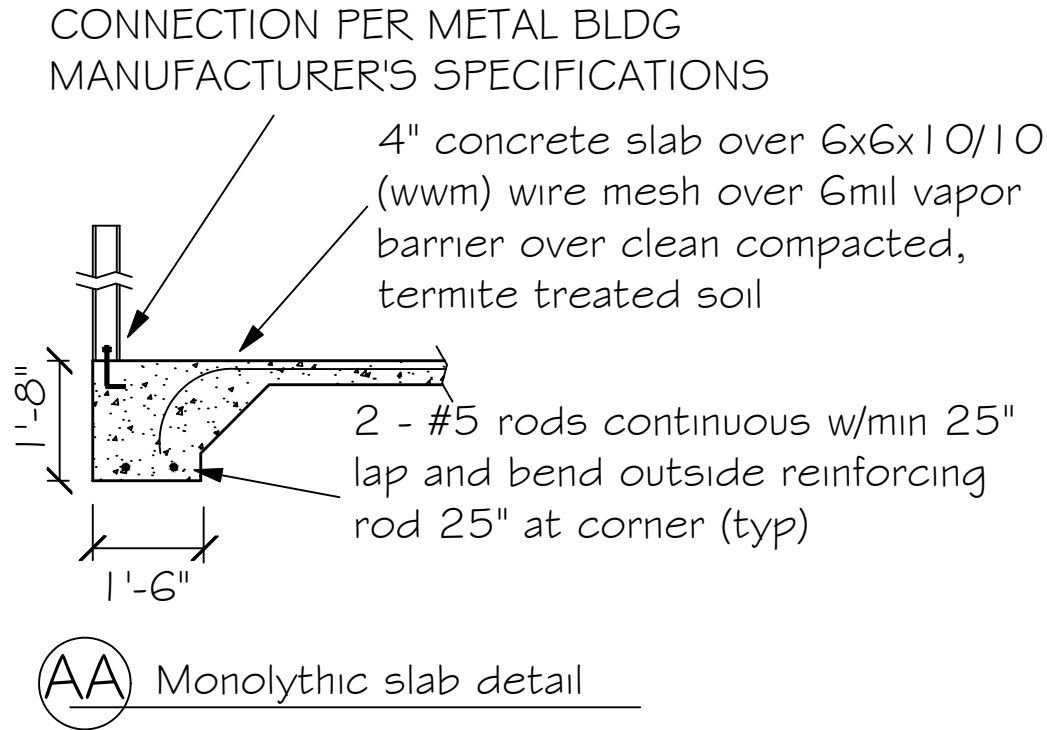


DESIGN SPECIFICATIONS

- 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 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' 3" 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=A014  
1000000180463  
94E750003FEF,  
cn=Carol  
Chadwick  
Date: 2025.01.11  
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|                                                                                                     |                      |                 |
|-----------------------------------------------------------------------------------------------------|----------------------|-----------------|
| PROJECT NO.<br>F124602                                                                              | DATE<br>JAN 11, 2025 | REVISION<br>S-1 |
| POUCHER RESIDENCE<br>FOUNDATION PLAN<br>669 SW PLEASANT TERRACE FORT WHITE, FL                      |                      |                 |
| FORWARDED FOR<br>ANY FURTHER<br>REVISIONS<br>FOR WHITE, FL<br>356 466 5264<br>anywhite@anywhite.com |                      |                 |
| CAROL CHADWICK<br>Professional Engineer<br>No. 15000<br>Ex. 15000<br>FL<br>12/15/2020<br>12/15/2020 |                      |                 |
| REGISTERED PROFESSIONAL ENGINEER<br>FLORIDA<br>12/15/2020<br>12/15/2020                             |                      |                 |



### SOFFIT TABLE VENT SPEEDS

|                                                                        |
|------------------------------------------------------------------------|
| Double 5" perforated soffit has 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 3.867 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 3-1/3" hidden vent soffit has a 9.19 sq. inches/sq. foot rating |

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

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 24" 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

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

STEEL RIB PER MFR

BEAM PER ELEV., NOTCH AROUND STEEL RIB

0° - 8°

(3)  $\varnothing 3/8"$  A307 THROUGH-BOLTS, THROUGH BOTH WIND GIRTS

(3)  $\varnothing 3/8"$  A307 THROUGH-BOLTS

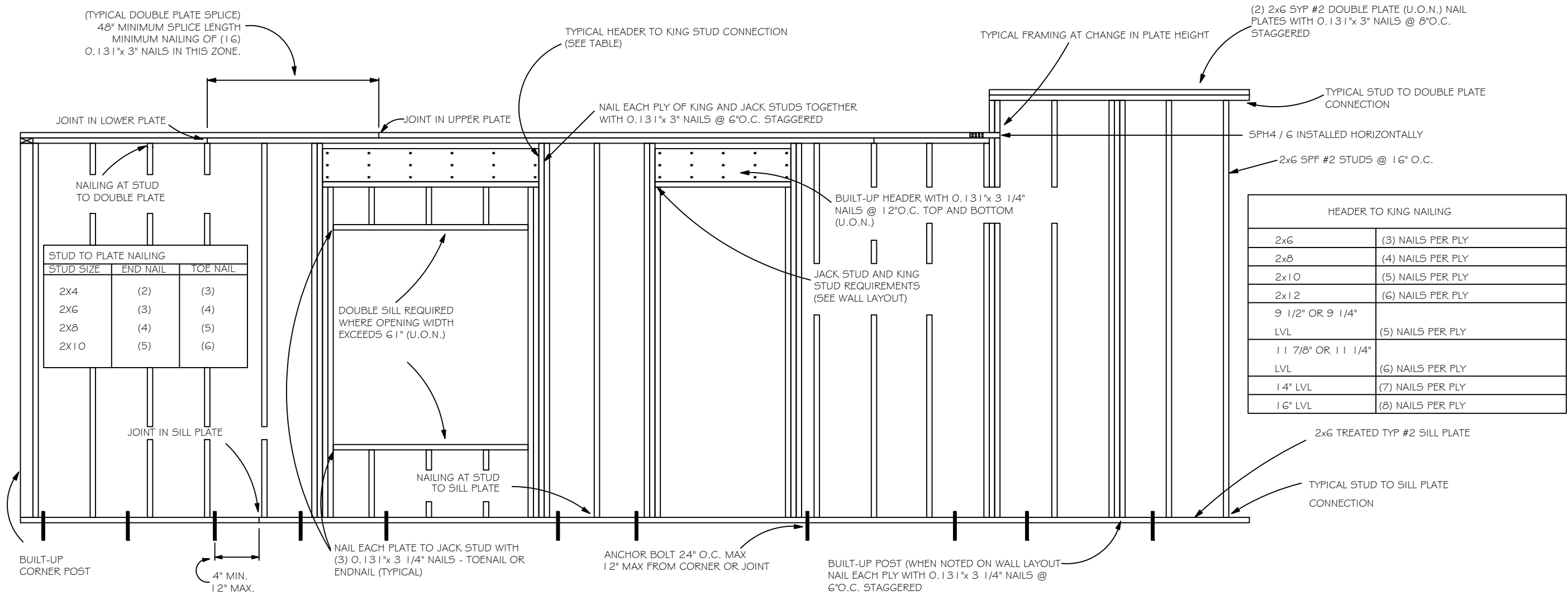
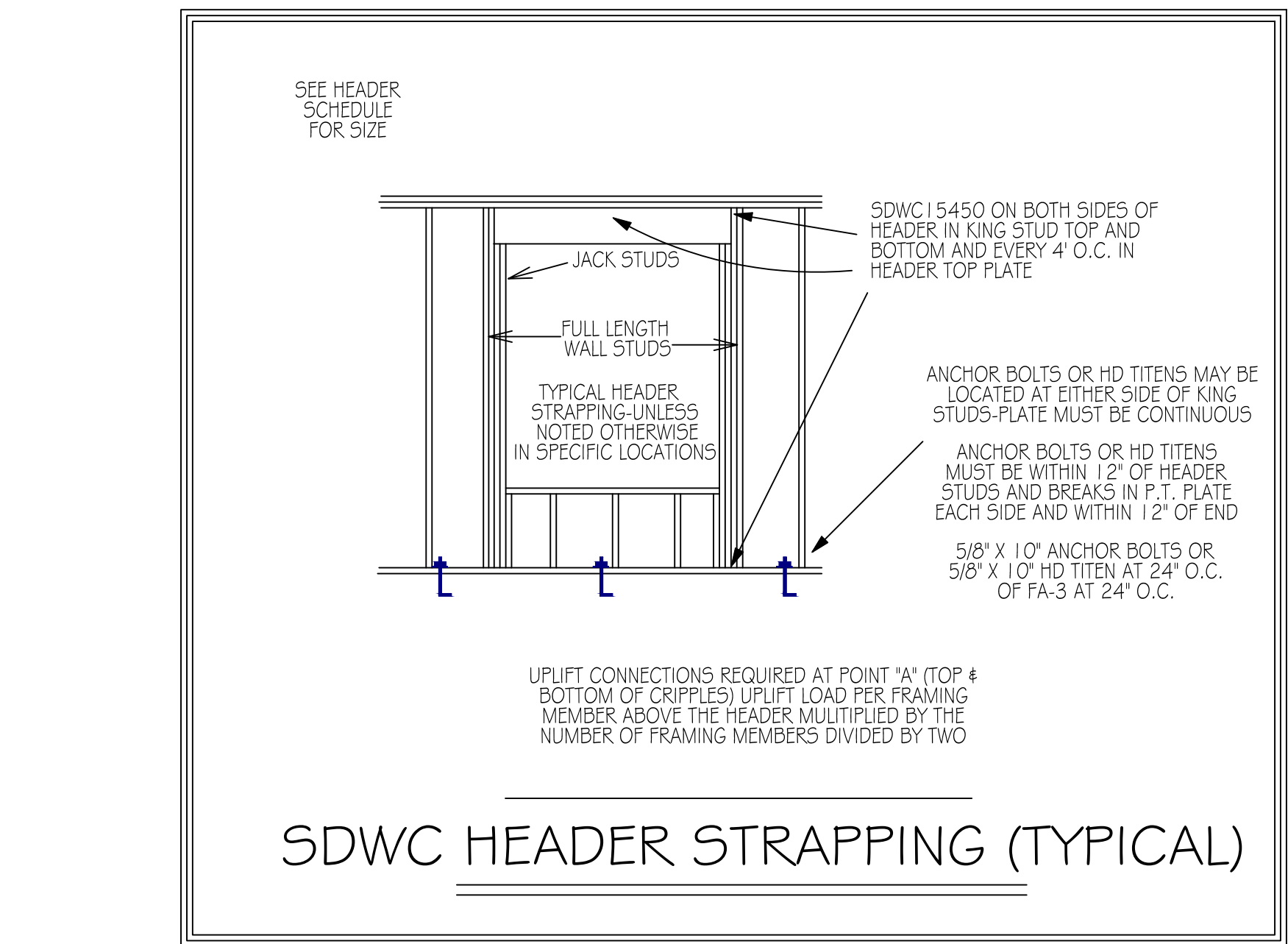
1/4" THK STL PL

KERFED 2x4 NAILER

KERFED 2x4 DOUBLER BELOW HSS GIRT

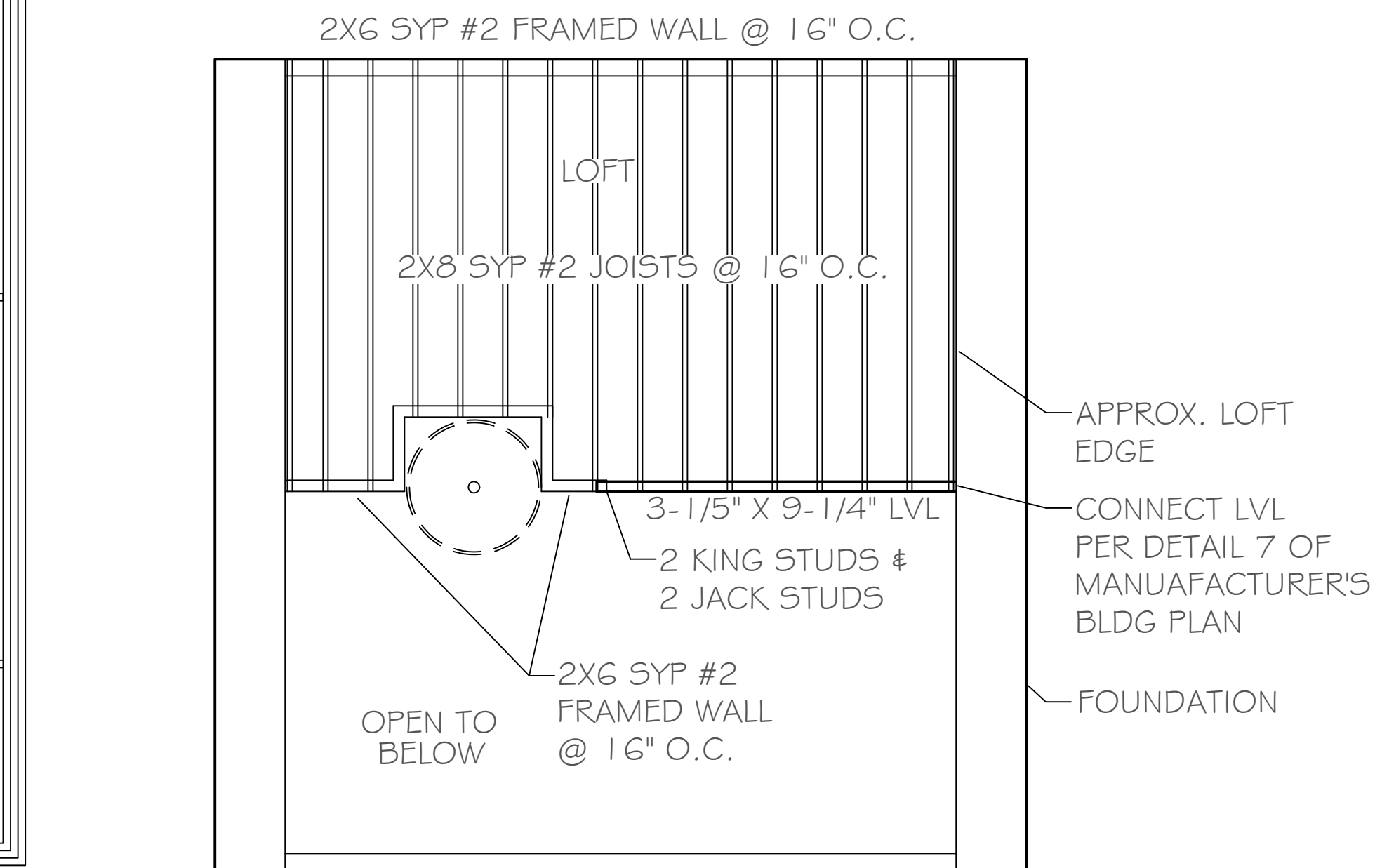
STUDS PER ELEVATION

7



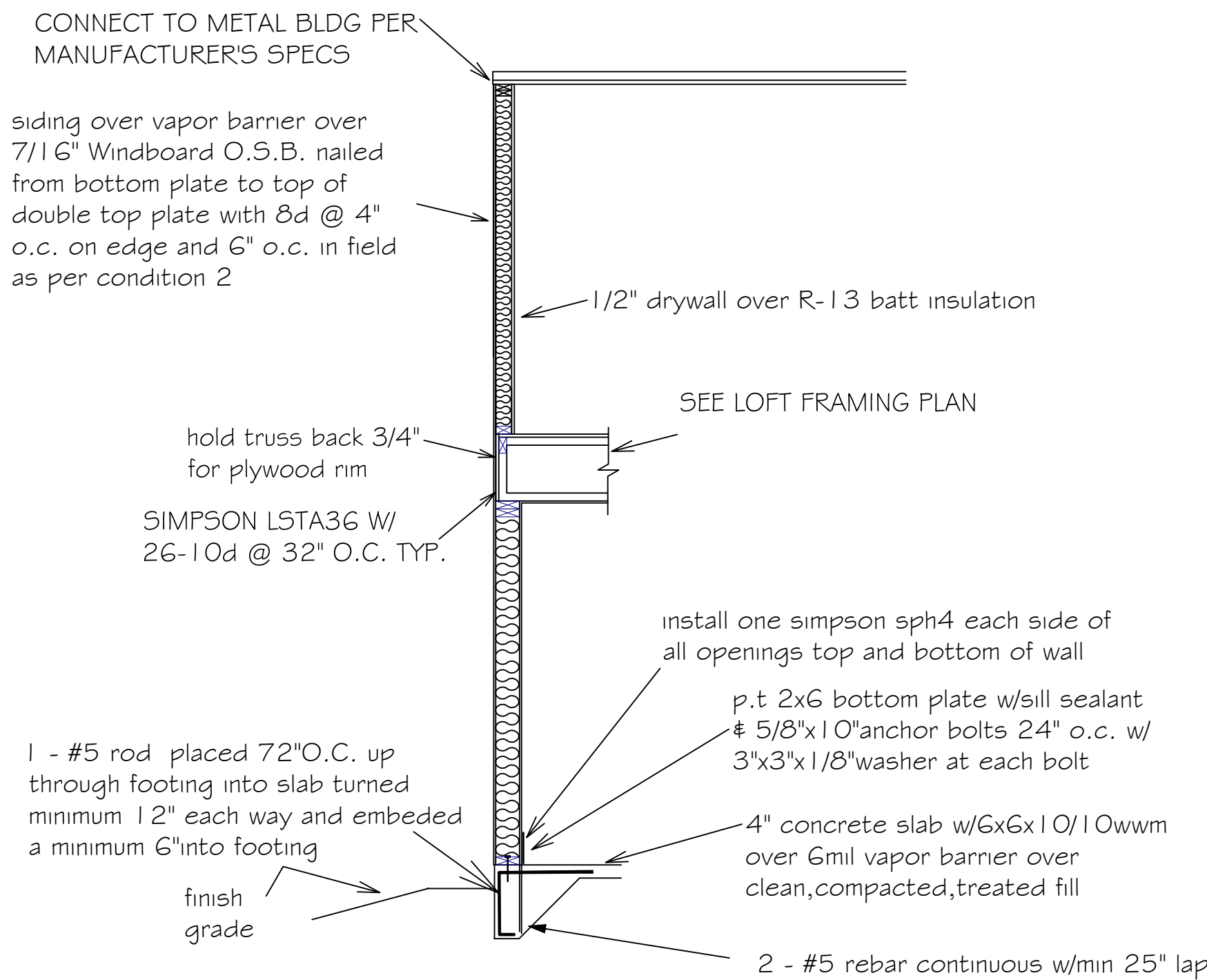
TYPICAL WALL FRAMING  
NOT TO SCALE

## END WALL FRAMING



2X6 SYP #2 FRAMED WALL @ 16" O.C.  
BALLOON FRAMED FROM FOUNDATION TO METAL BLDG

SCALE: 1/4" = 1'



"AA" Windboard wall detail

Digitally signed by  
Carol Chadwick  
DN: c=US,  
o=Florida,  
dnQualifier=A014  
10D0000018D463  
BA4E7500032FEE,  
cn=Carol  
Chadwick  
Date: 2025.01.11  
12:35:22 -05'00'

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