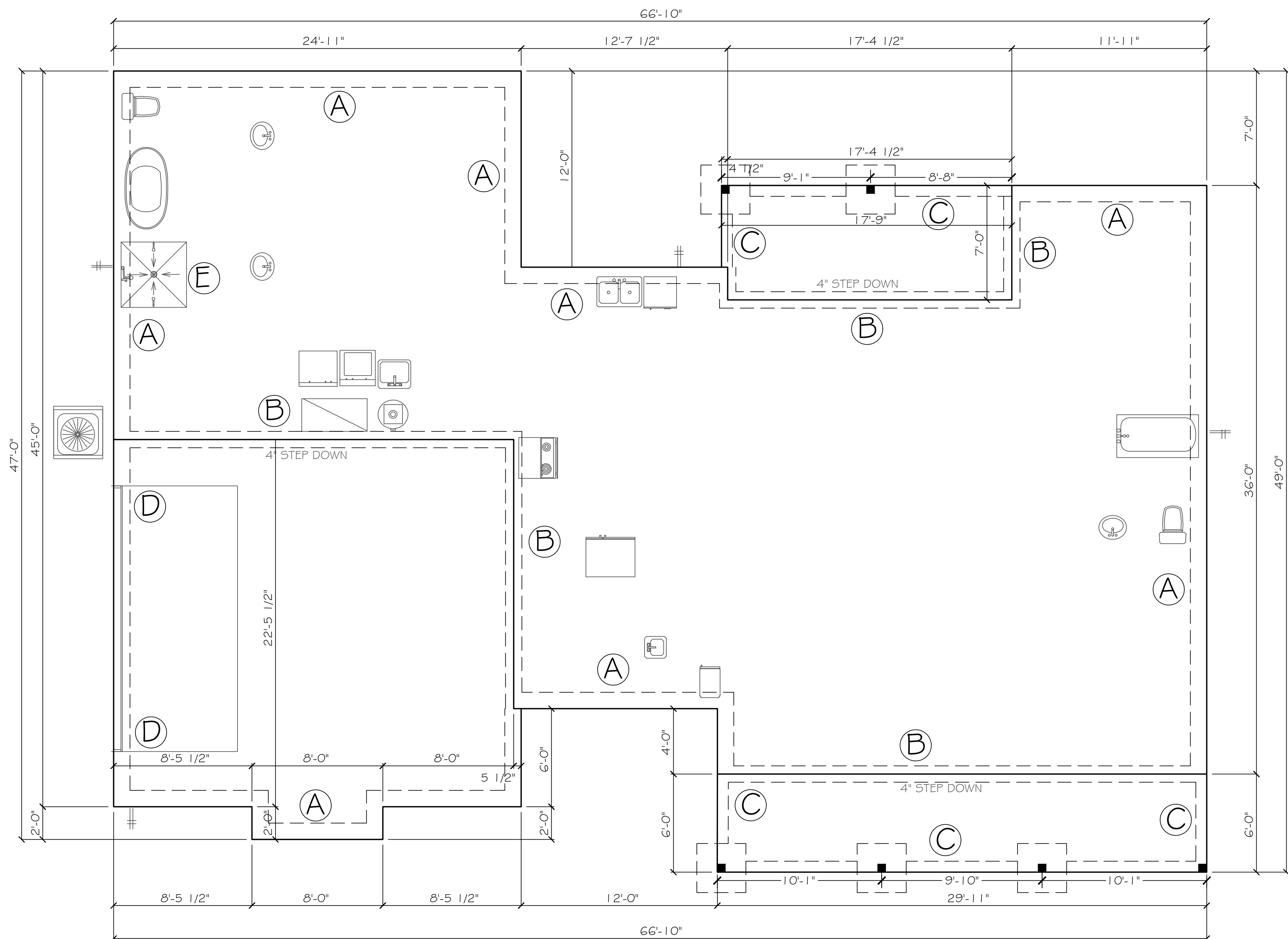
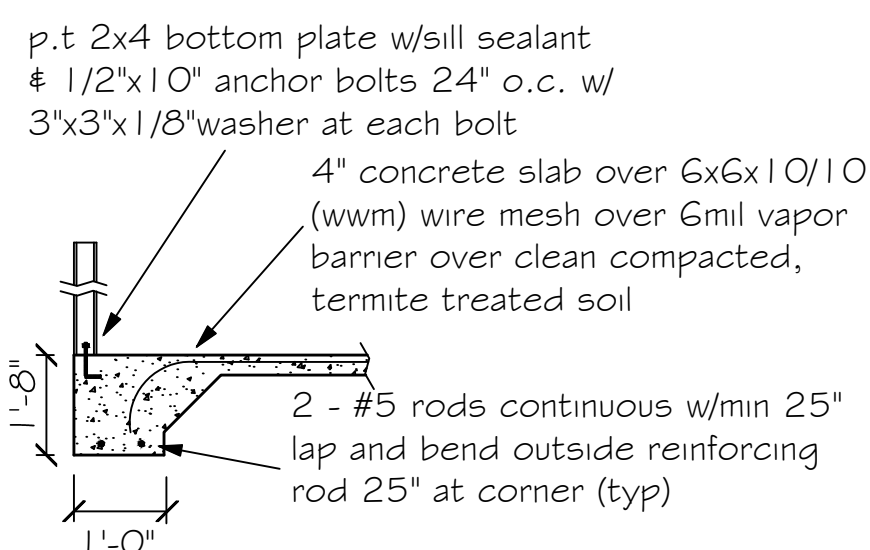


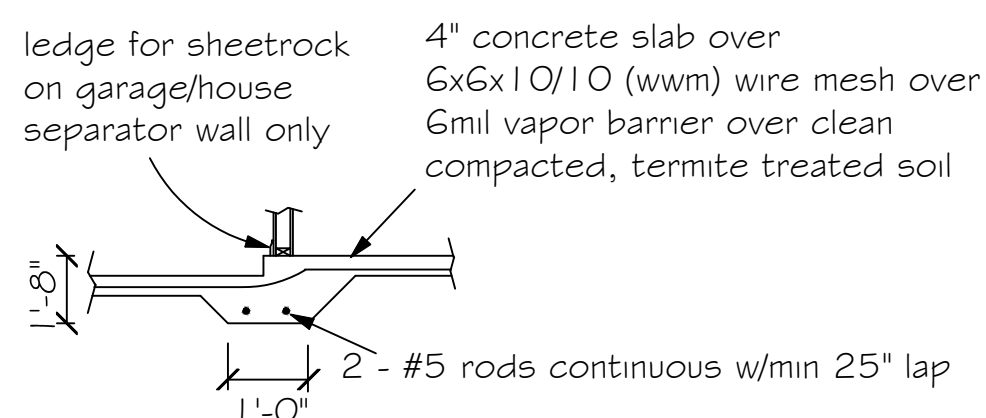
- DESIGN CODES:
2023 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:
ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS 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 $C_{Gp1} \pm$



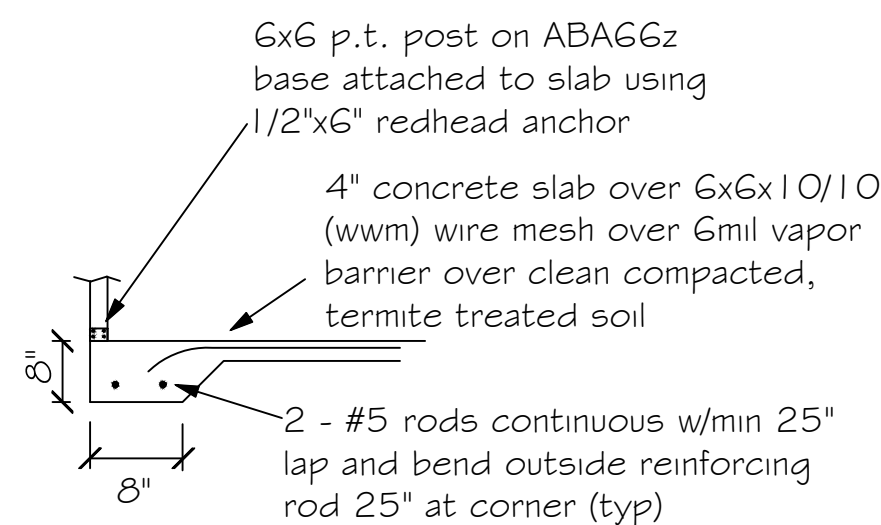
1. REFER TO ARCHITECTURAL & BUILDING PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC.
2. CONTRACTOR SHALL VERIFY ALL ROUGH PLUMBING LOCATIONS WITH OWNER PRIOR TO POURING SLAB.
3. THE FLOOR SHALL BE 4" CONCRETE SLAB REINFORCED W/ 6X6-1/4" x 4' WELDED WIRE MESH PLACED ON CHAIRS 1" x 1" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ 6" GAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL
4. BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL
5. SOIL UNDER FOOTING SHALL BE COMPRESSED TO 2000 PSF AT 95% DENSITY; CONCRETE STRENGTH SHALL BE 2500 PSI.



(A) Monolithic slab detail

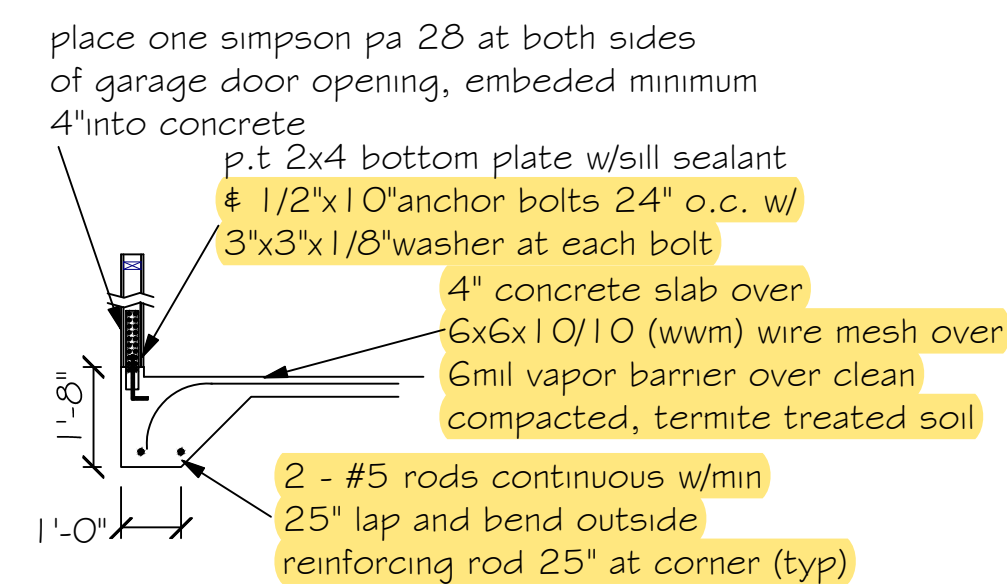


(B) Load bearing step foundation (typ)

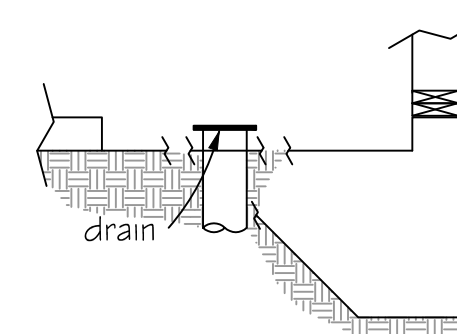


FOOTING AT POSTS:
3'-0" x 3'-0" x 1'-0" depth with 3 - #5 bars each
way at bottom w/ 6x6 p.t. post on ABAGGz base
attached to slab using 1/2"x6" redhead anchor

(C) Monolithic slab detail at porch/carport



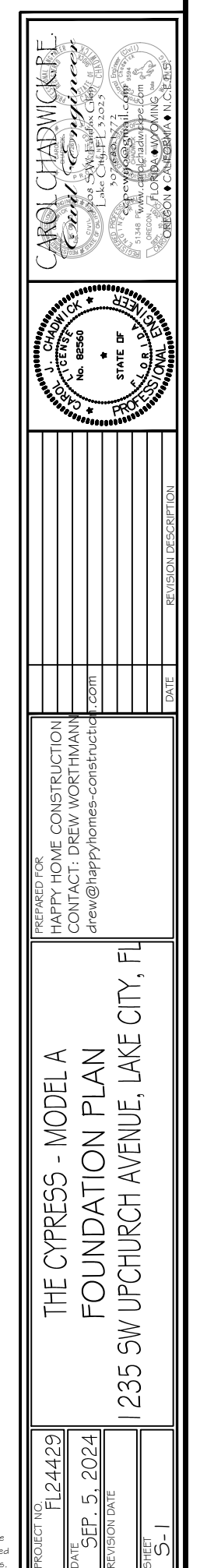
(D) Monolythic slab detail at garage



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

(F) Recessed Shower Detail

Digitally signed by Carol Chadwick
DN: c=US,
o=Florida,
dnQualifier=A014
1D00000018463
BAE7500032FEE,
cn=Carol
Date: 2024.09.05
09:15:04 -0400'



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 5.067 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 4.70 sq. inches/sq. foot rating
Recessed 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

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 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.

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 THAN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED

OVERLAP ROOFING UNDERLAYMENT 4'(MIN) OVER HIPS AND RIDGES

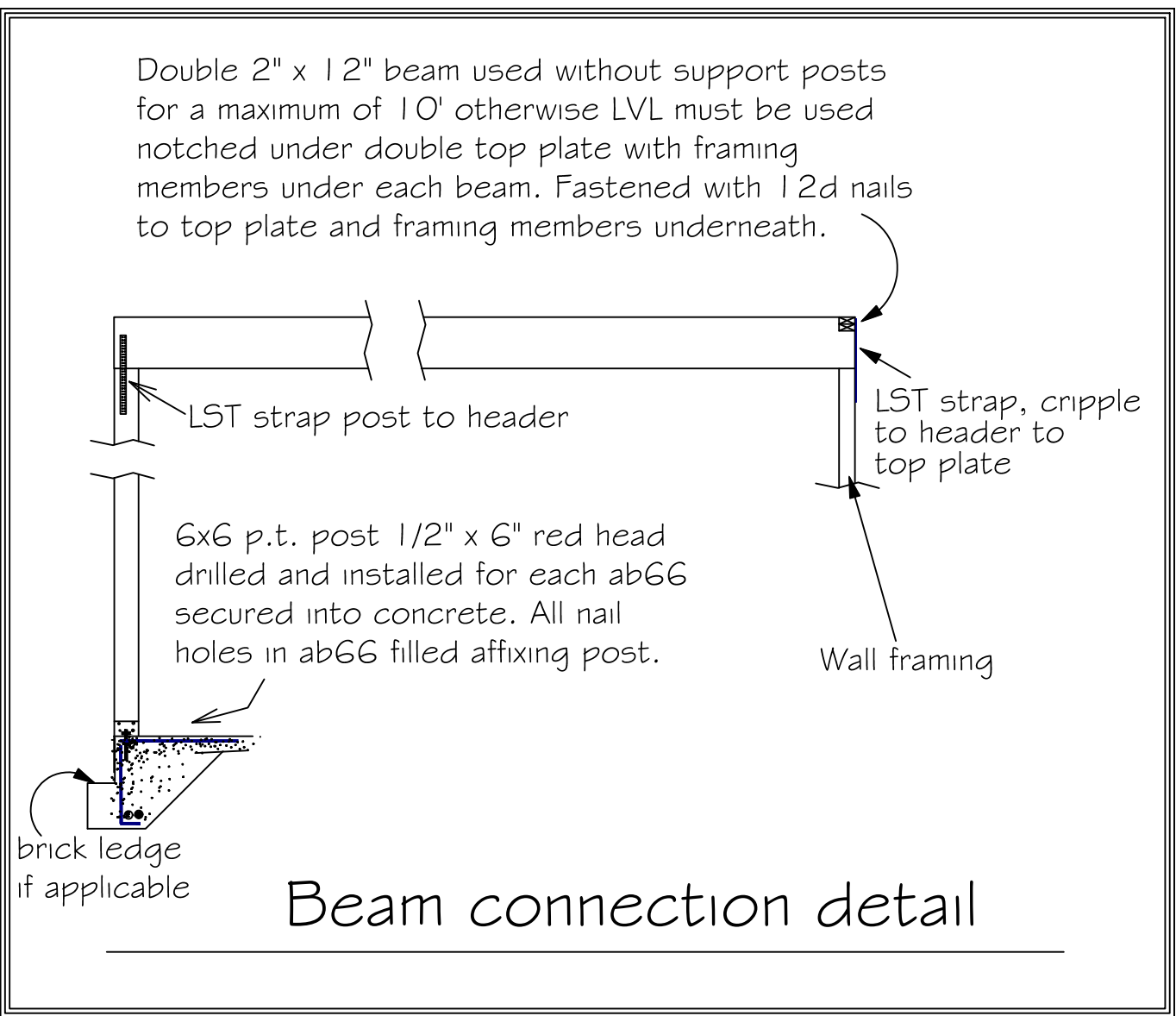
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK,
WHEN SHINGLES NOT INSTALLED SAME DAY

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

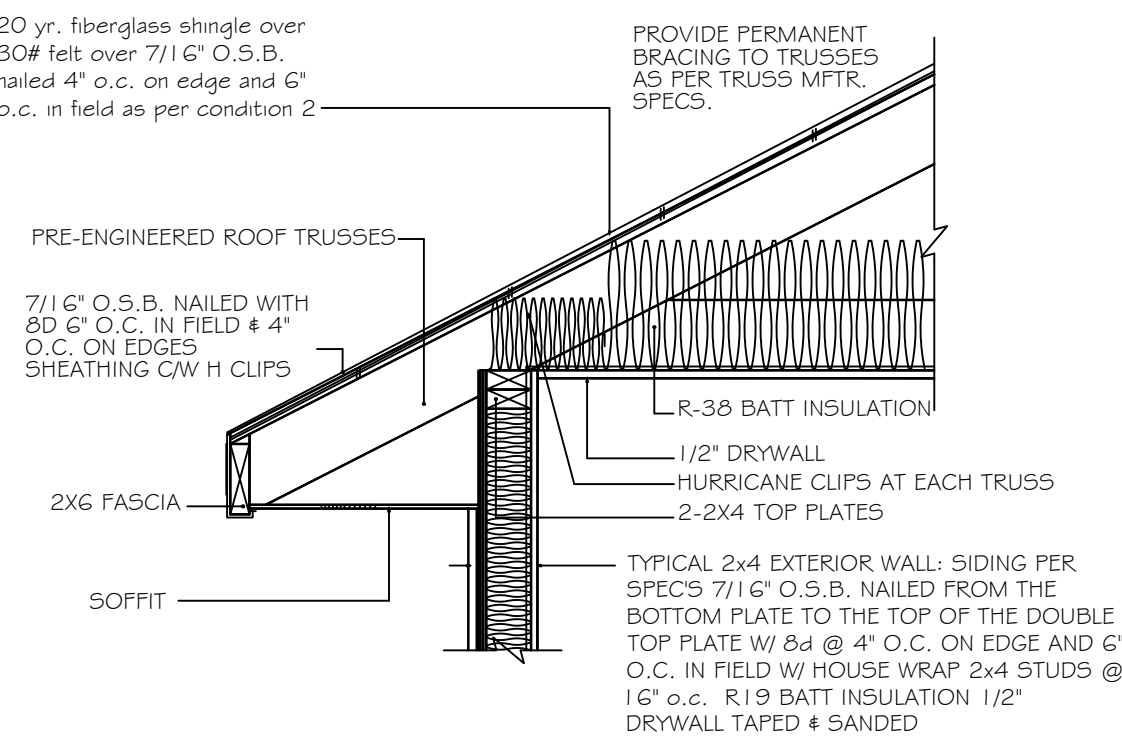
ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE
CORRECT SIZE FOR THE PENETRATION

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

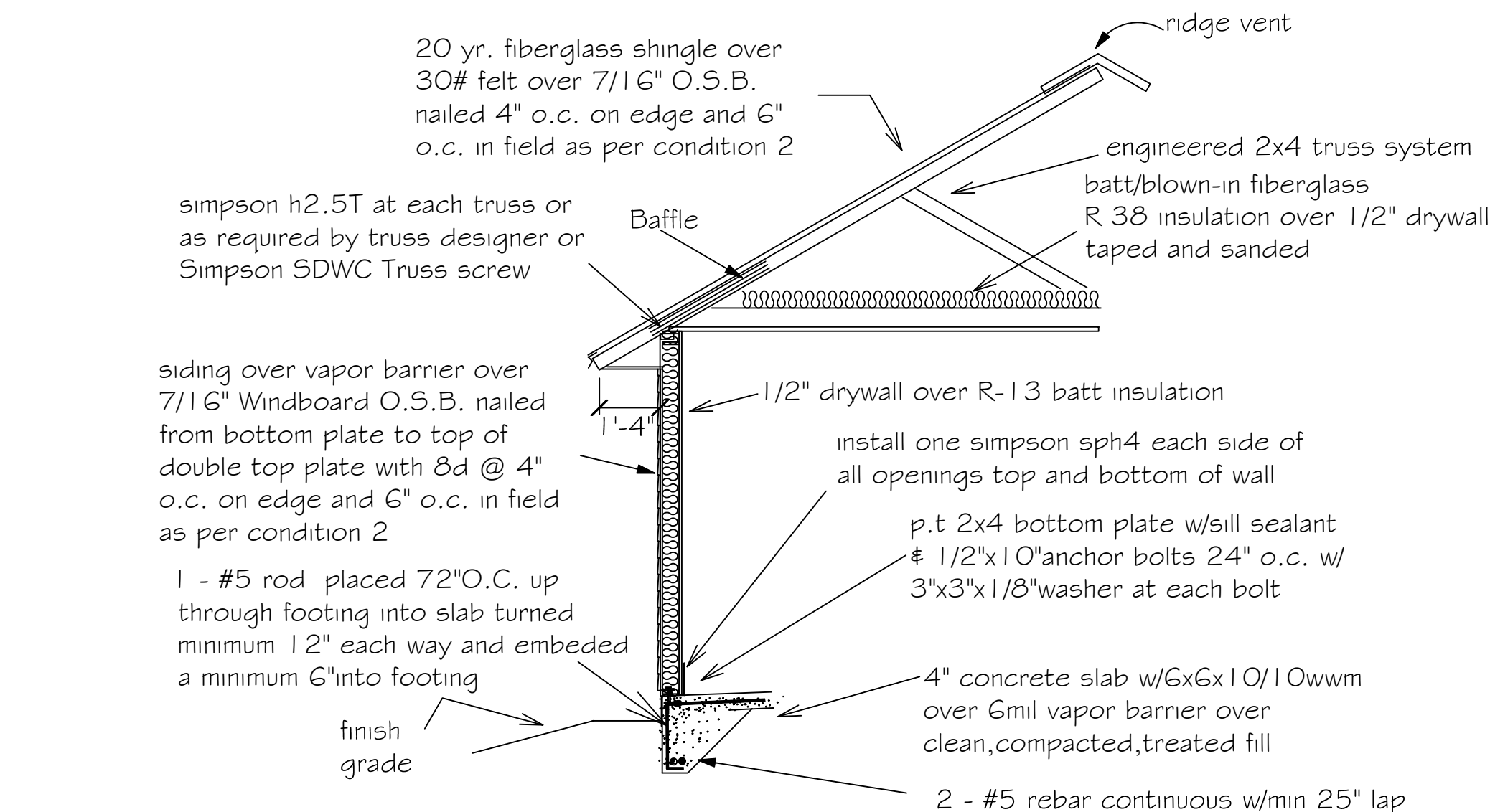
1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL CLADDING



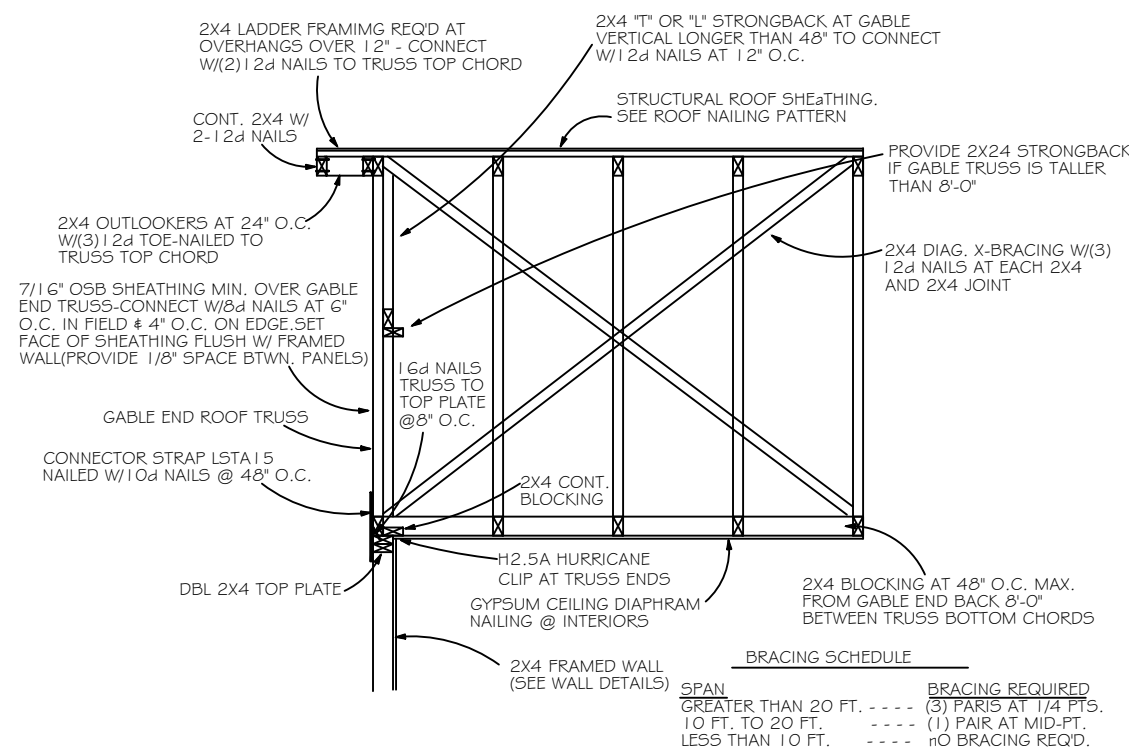
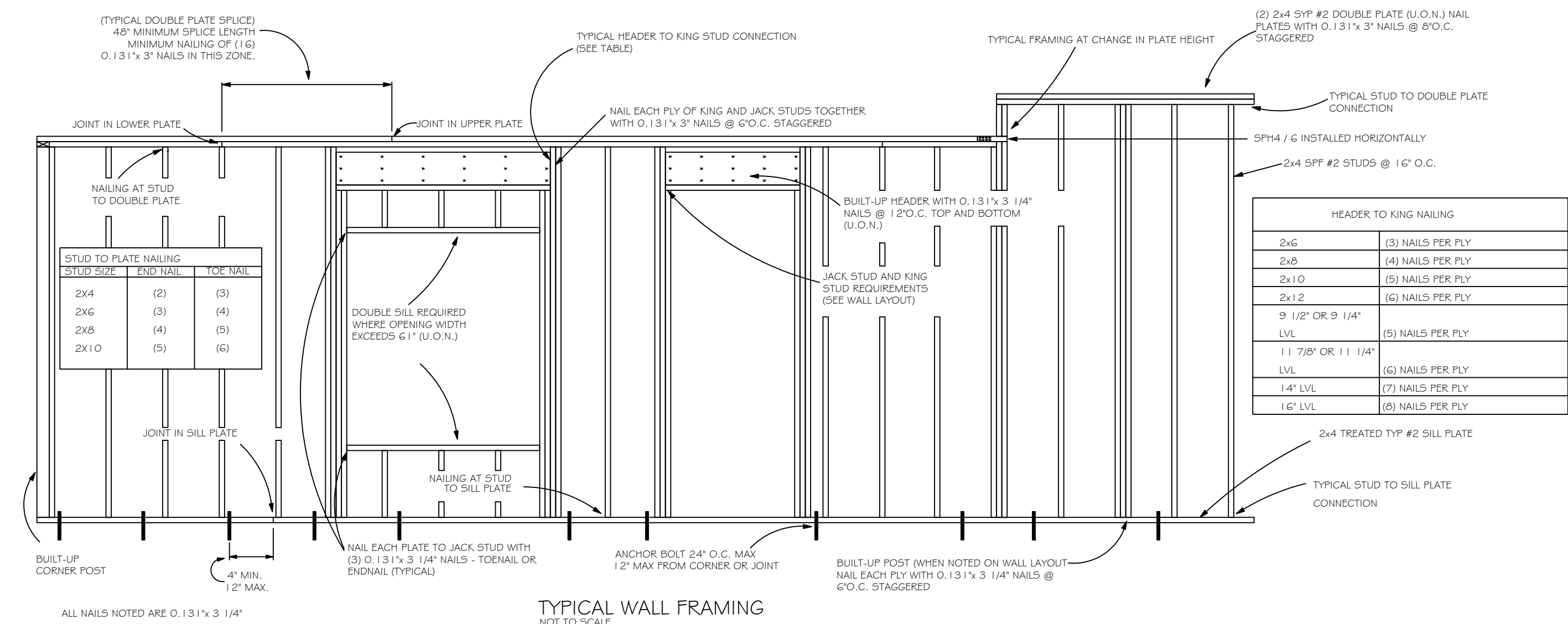
Double 1 3/4" x 1 1/4" LVL beam over opening up to 12'
Double 1 3/4" x 1 1-7/8" LVL beam over opening over 12' and up to 14'
Double 1 3/4" x 1 1/4" LVL beam over opening over 14' and up to 16' with 3 king
studs each end and 2 trimmers each end of beam. Fastened with 12d nails to
top plate and framing members. One PA28 at both sides of opening embedded
min 4" into concrete. LST18 strap over trimmer to header each side.



4" STUD EAVE

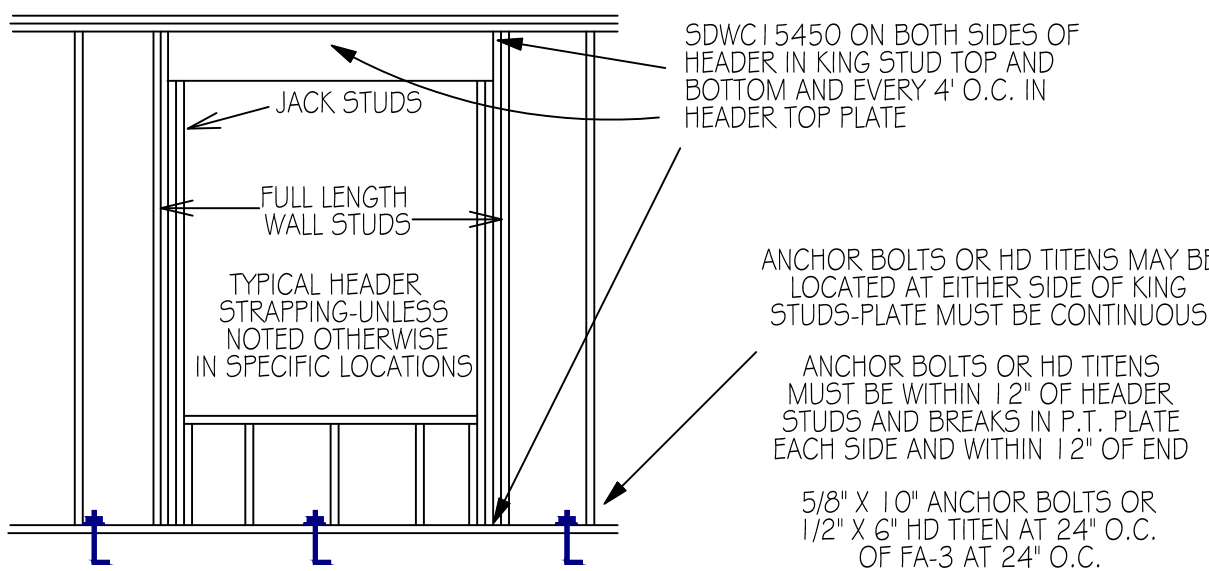


(“AA”) Windboard wall detail

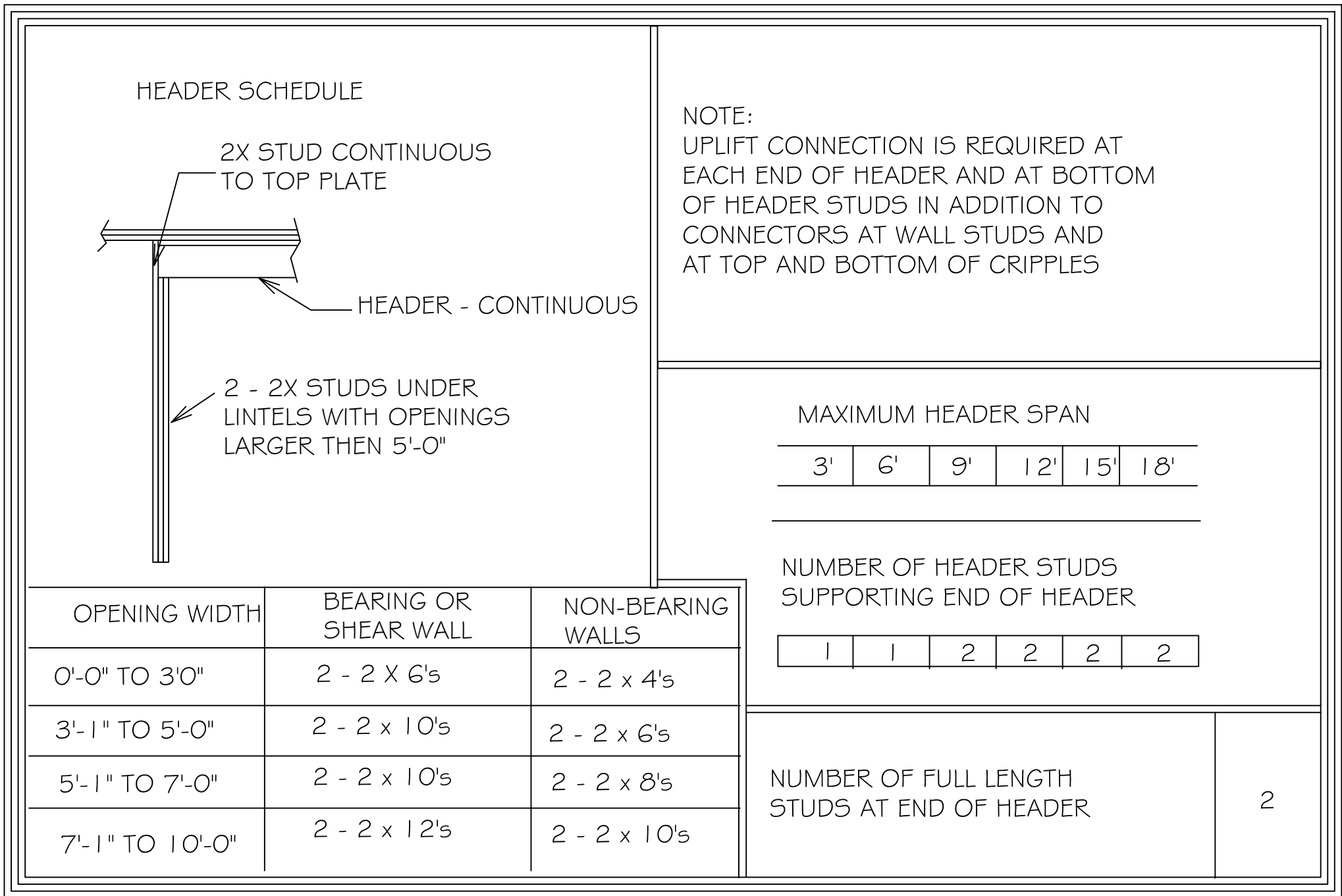


GABLE END BRACING
NOT TO SCALE

SEE HEAD
SCHEDULE
FOR SIZE



SDWC HEADER STRAPPING (TYPICAL)



Digitally signed by
 Carol Chadwick
 DN: c=US,
 o=Florida,
 dnQualifier=A0141
 0000018D463B4E
 7500032FEE,
 cn=Carol Chadwick
 Date: 2024.09.05
 09:15:30 -04'00'

This item has been digitally signed and sealed by Carol Chadeck, 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 copies.