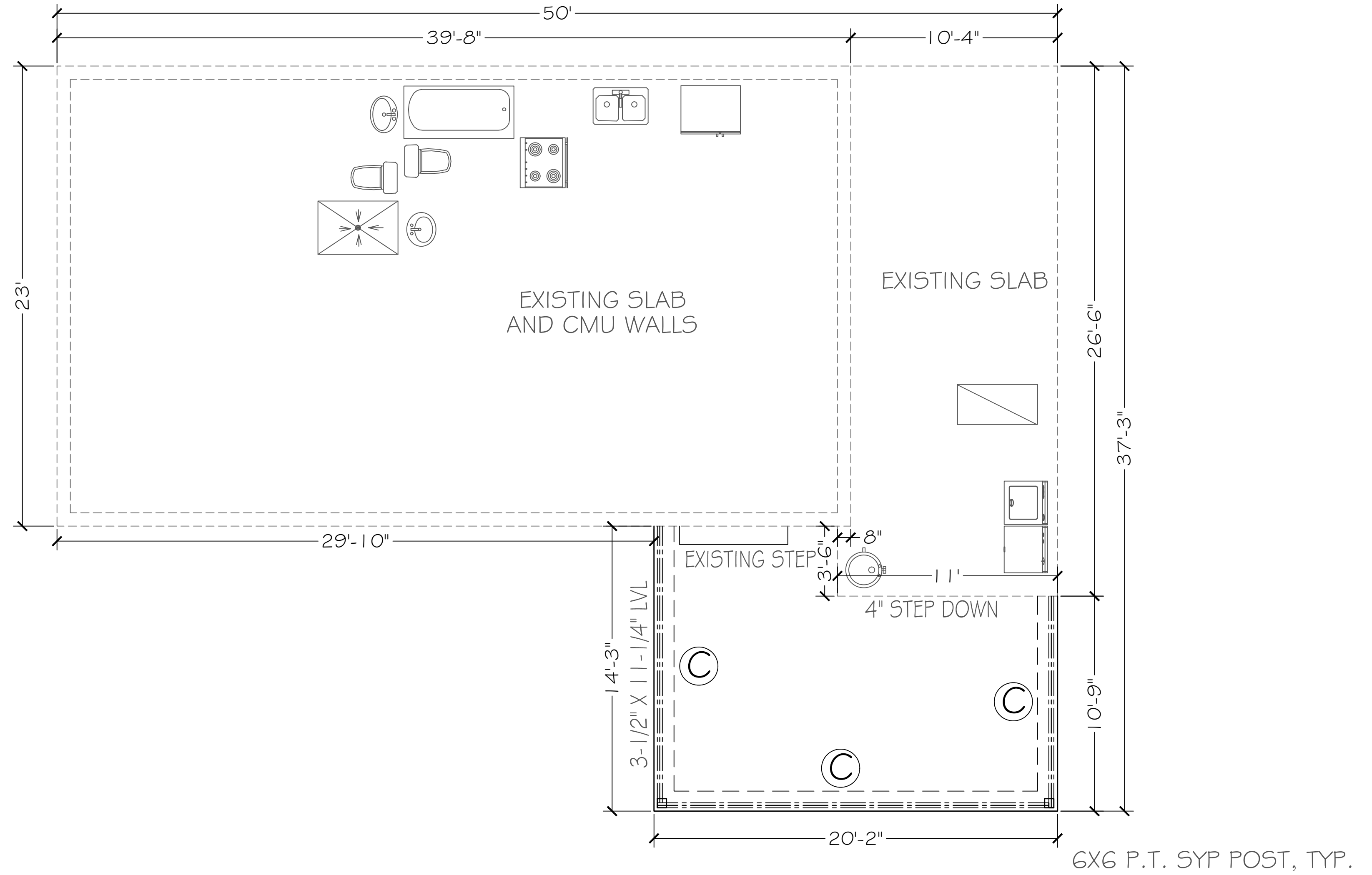
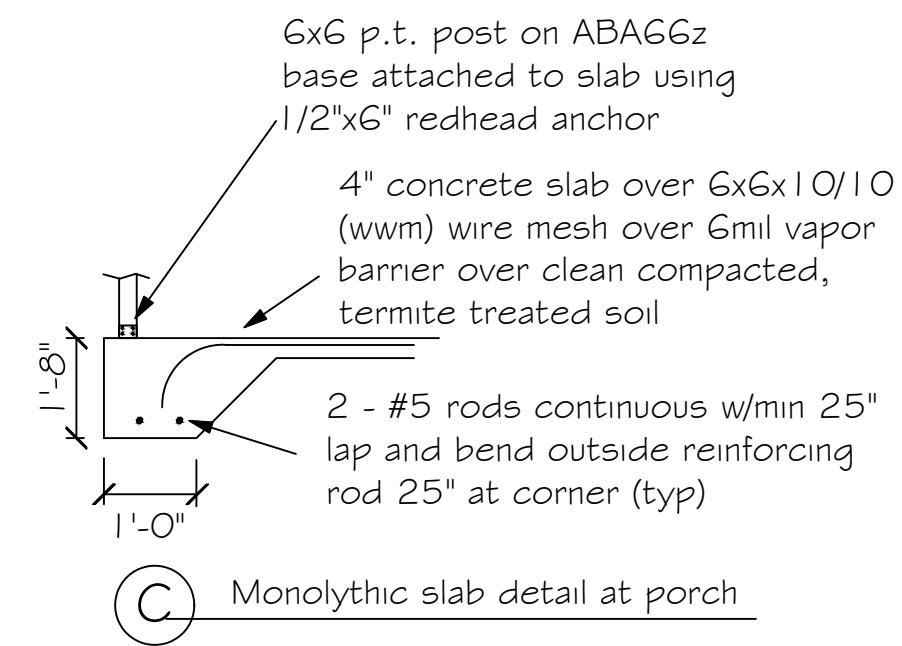


DESIGN SPECIFICATIONS

- 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 CGpi ±



FOUNDATION PLAN
SCALE: 1/4" = 1'

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

CAROL CHADWICK, P.E.
 State of Florida
 License No. 125542
 Reviewer for Code Compliance
 WRIGHT RESIDENCE
 FOUNDATION PLAN
 333 SE TRIBBLE STREET, LAKE CITY, FL
 DATE: FEB. 24, 2023
 SHEET: 5-1

ROOF VENT CALCULATION

FORMULA

1 SQUARE INCH FOR EVERY 300 SQUARE INCHES OF CEILING
 1.44 SQUARE INCHES = 1 SQUARE FOOT
 BUILDING CEILING (50 FT) x 1.44 = BUILDING (50 SQ FT)
 BUILDING (50 SQ FT) x 1.44 = BUILDING (50 SQ FT)
 50 SQ FT REQUIRED (2 = 50% AT HIGH AND 50% AT LOW)
 PER IRC SECTION R803.2.4.026 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/ 3/8 SQ IN (IN) PER LINEAL FT
 (b) SOFFIT VENTS - GP T3-1/2" FULL VENT PERFORATED W/ 9.19 SQ IN
 (IN) PER LINEAL FT

CALCULATED LINEAL FOOT OF SOFFIT VENT SHALL NOT INCLUDE
 UNIDENTIFIED FIRE RATED SOFFIT LOCATED LESS THAN 9' FROM
 PROPERTY LINE

AREA (SQ FT)	REQUIRED (SQ FT)	PROVIDED (SQ FT)	UNIT (SQ IN)	LINEAL FT	LOW (SQ IN)

SOFFIT TABLE VENT SPECS.

Double 5" perforated soffits have a 6.20 sq. inches sq. foot rating
 Triple 4" center vent soffits has a 1.95 sq. inches sq. foot rating
 Triple 4" full vent soffits has a 5.62 sq. inches sq. foot rating
 Triple 4" basketweave full vent has a 1.43 sq. inches sq. foot rating
 Triple 4" center vent has a 4.70 sq. inches sq. foot rating
 Beaded hidden vent soffits has 2.66 sq. inches sq. foot rating
 Triple 3-1/2" hidden vent soffits 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. Titan HD Heavy-Duty Screw Anchors 5/8" x 8", maximum spacing of 24" o.c., may be used in lieu of 5/8" x 10" anchor bolts with 3"x3"x1/8" washer. Titan 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, 2023 FLORIDA BUILDING CODE - RESIDENTIAL, 6TH EDITION FOR ROOF SHEATHING NAILING ZONES

ROOF NOTES

ROOF FITCH LESS THAN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED
 OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPPS AND RIDGES

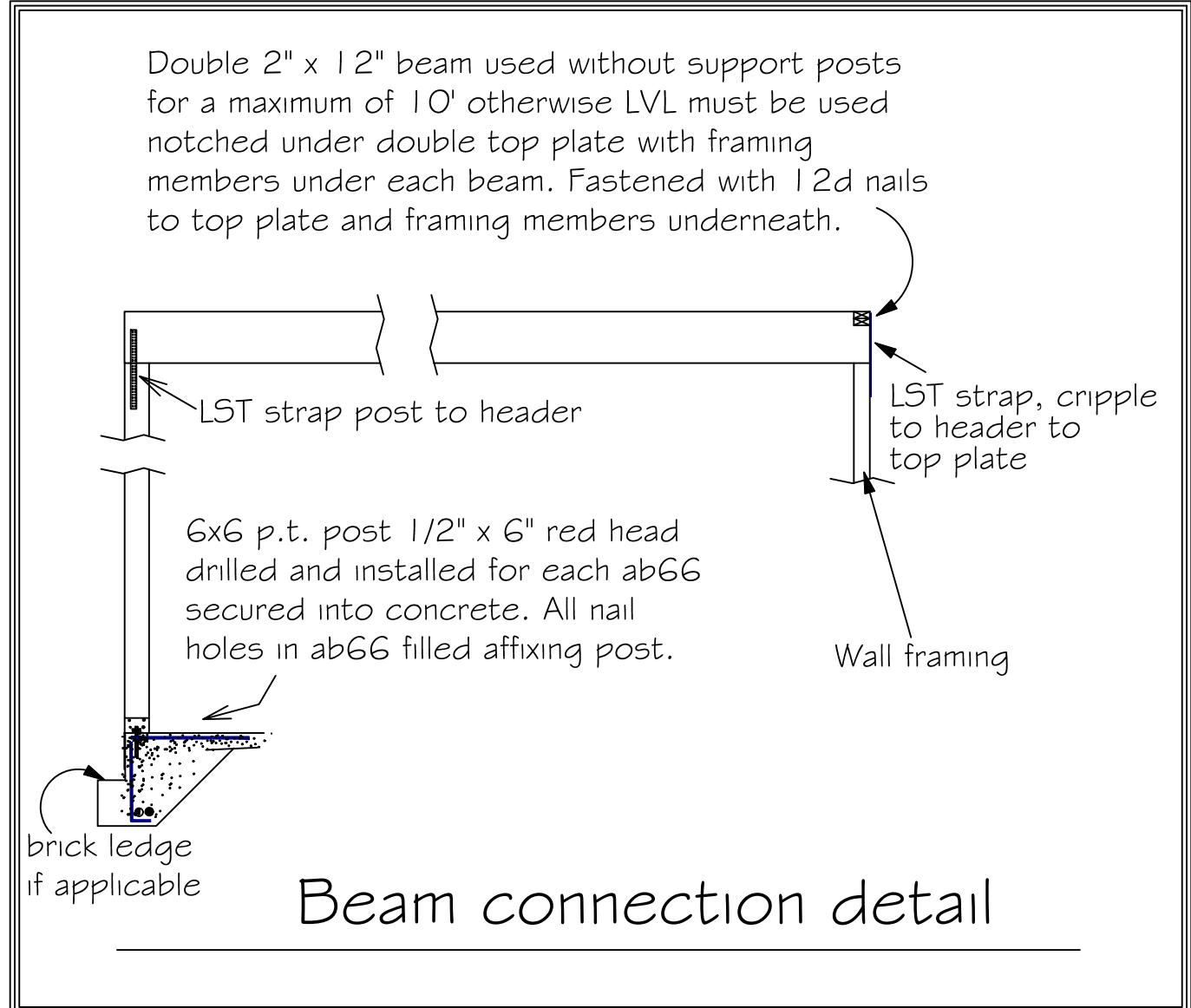
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK WHEN SHINGLES NOT INSTALLED SAME DAY

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

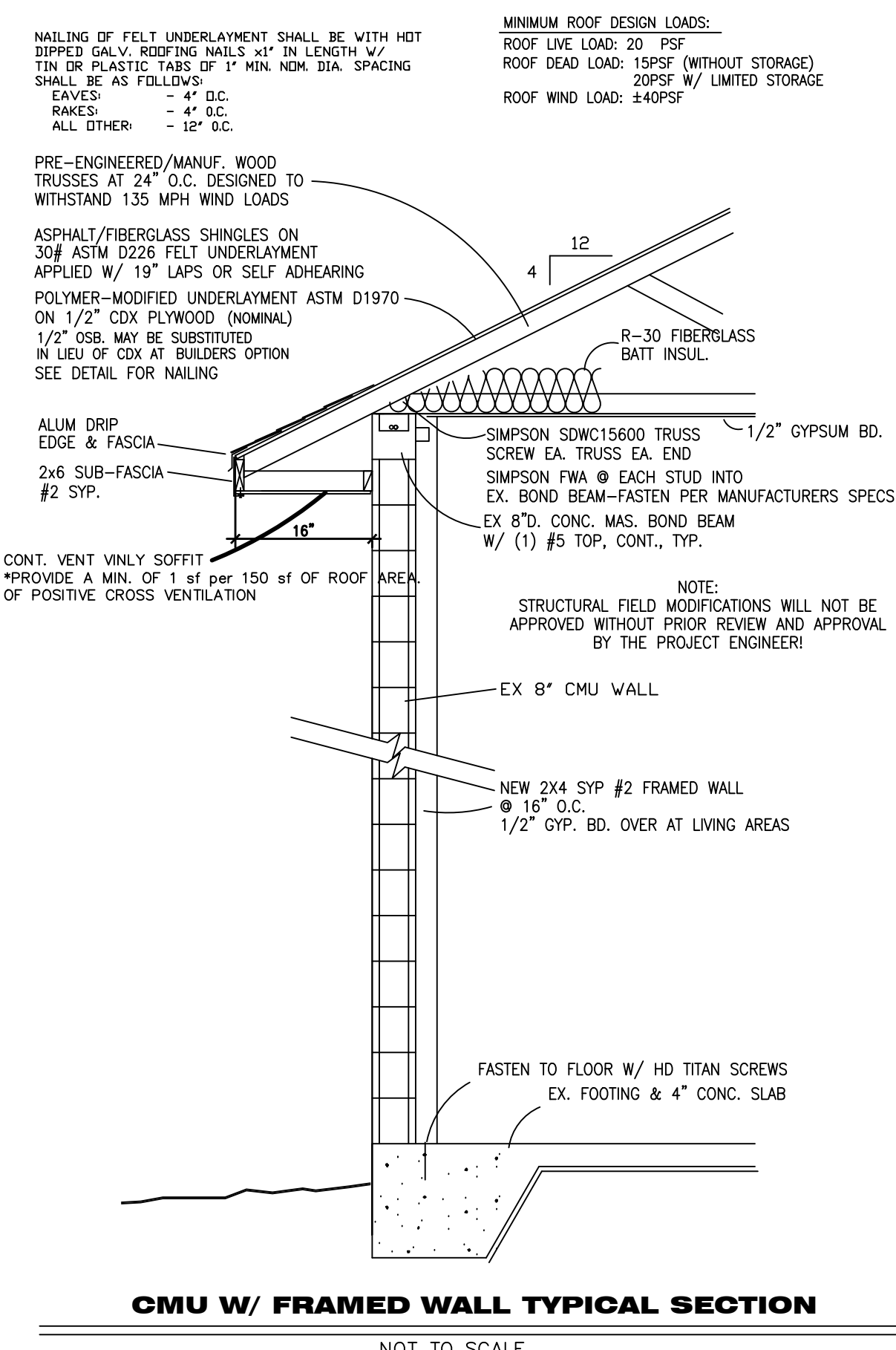
ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE CORRECT SIZE FOR THE PENETRATION

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

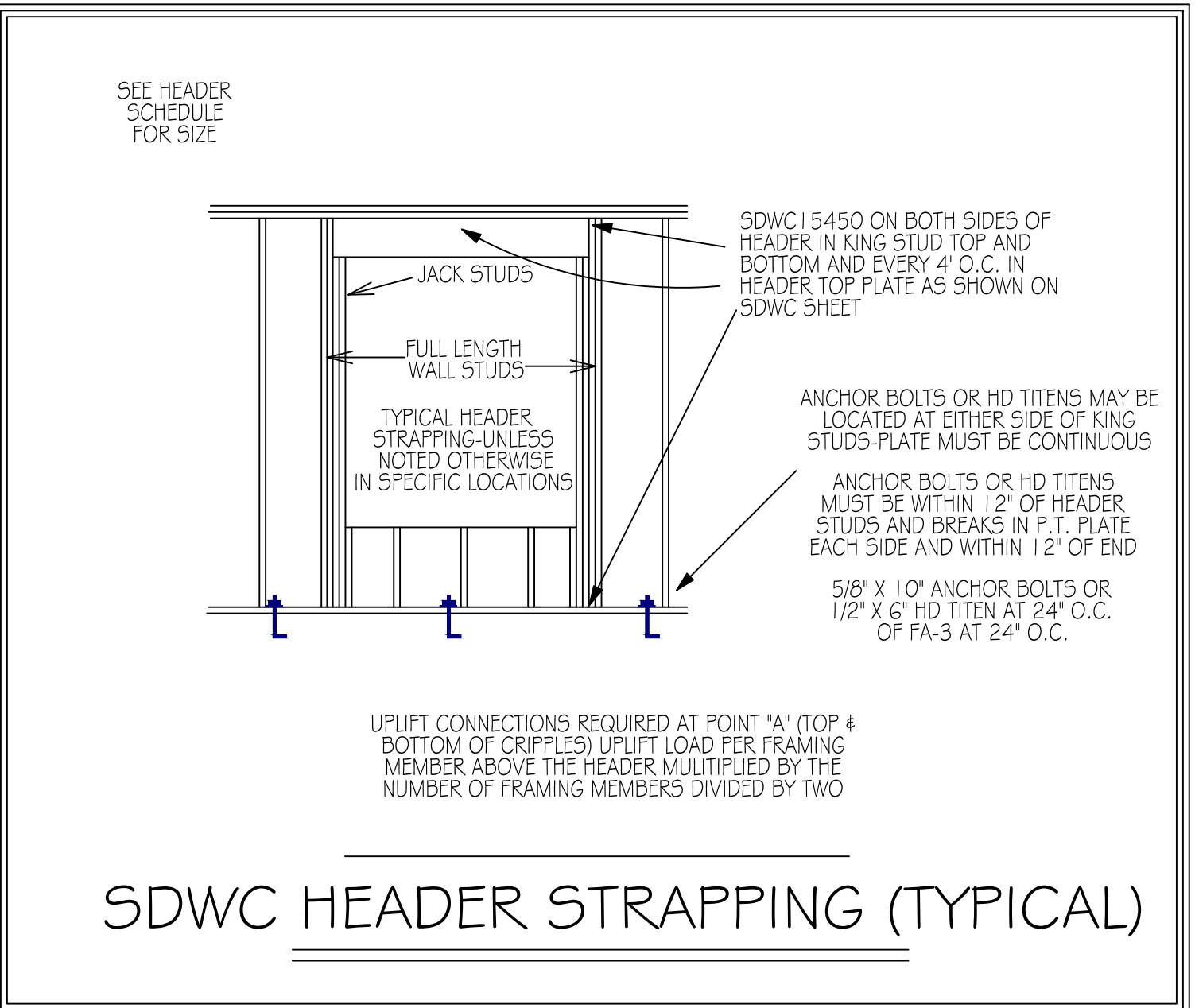
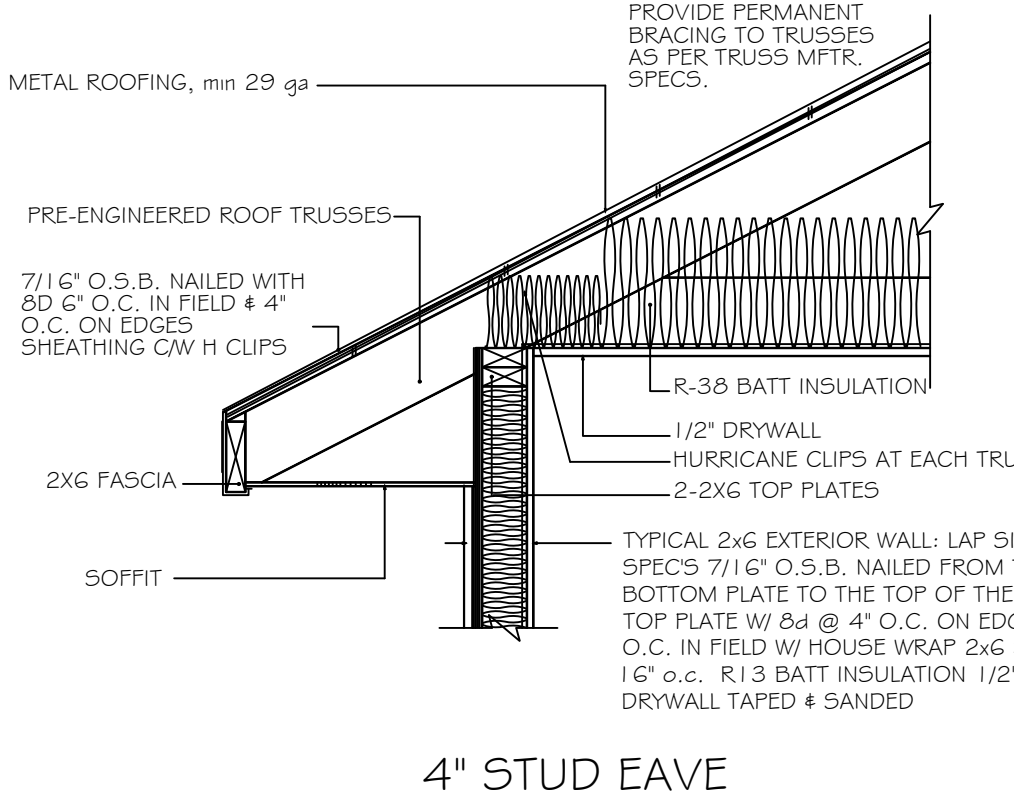
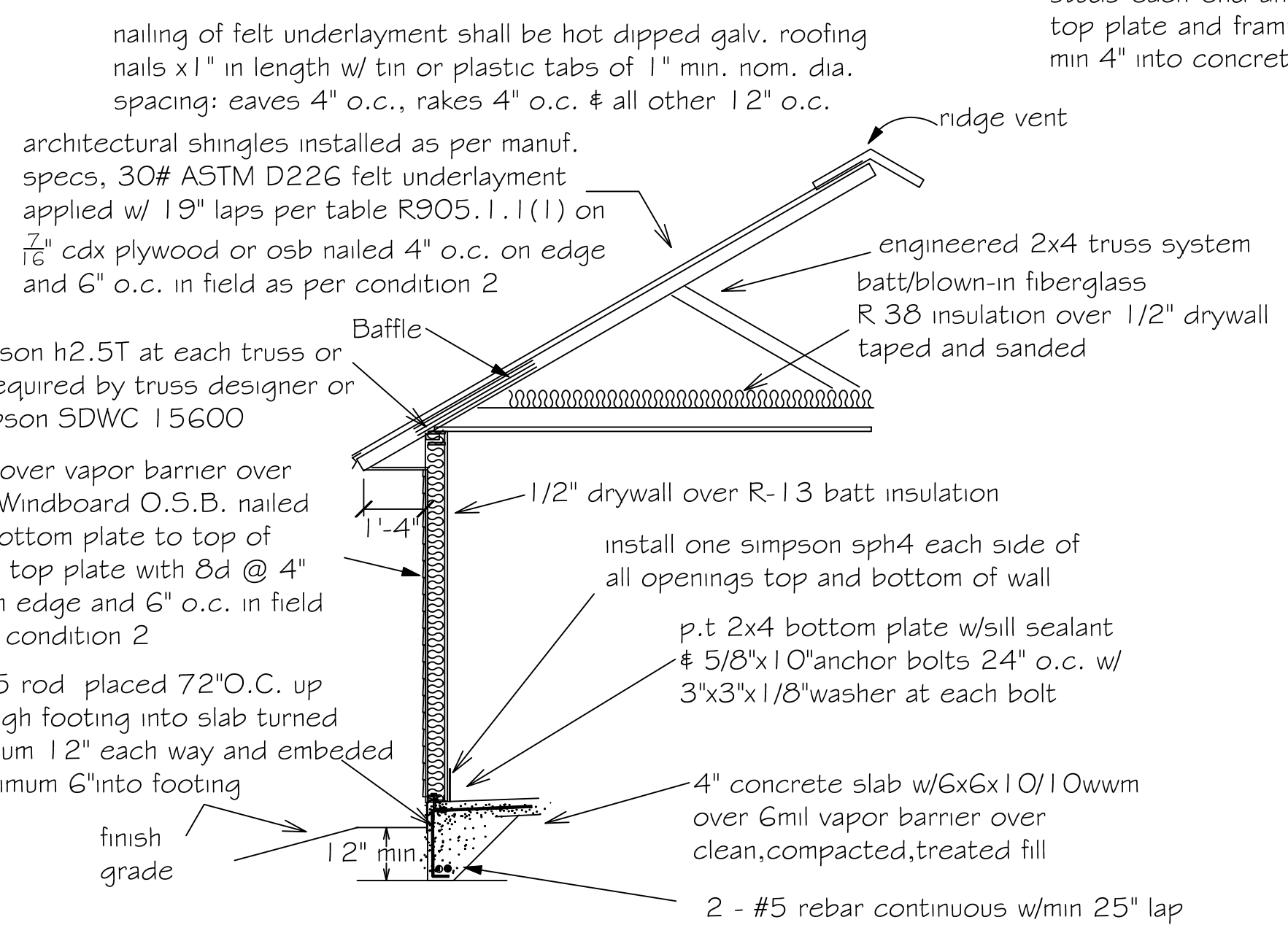
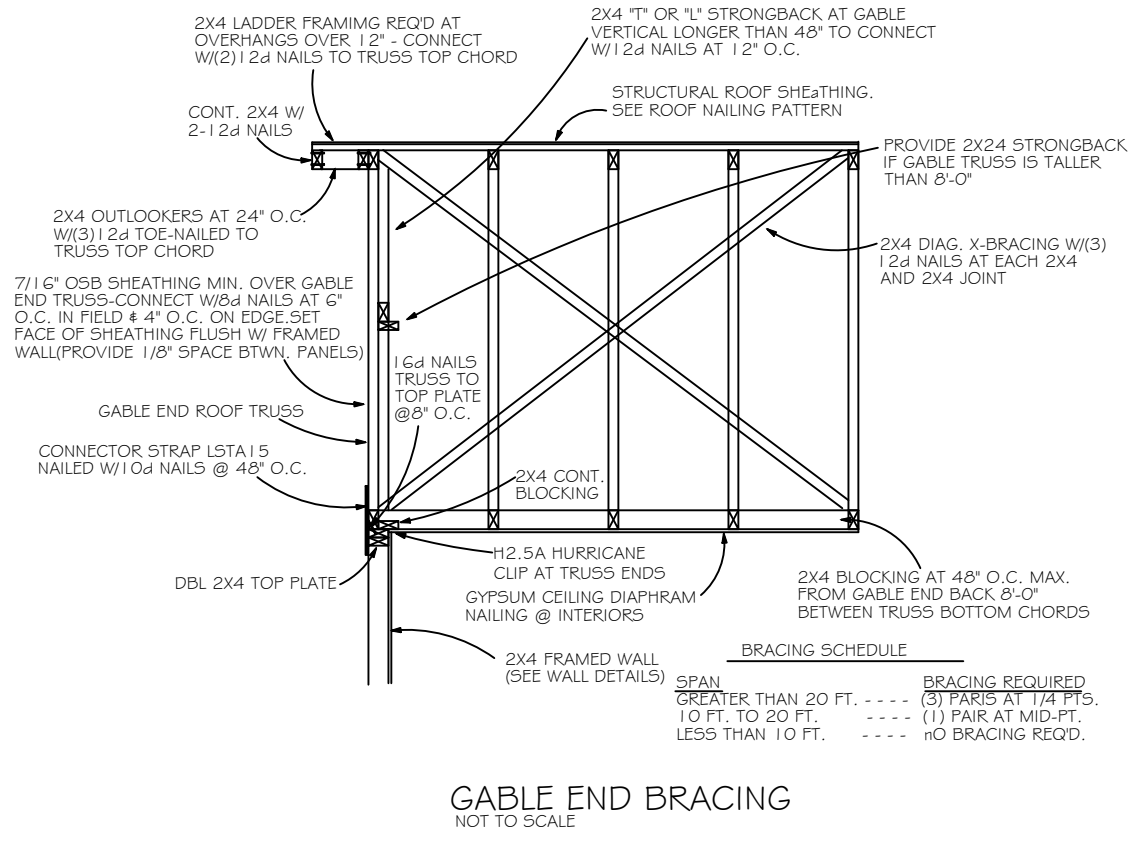
1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL CLADDING



Double 1 3/4" x 11-1/4" LVL beam over opening up to 12'
 Double 1 3/4" x 11-7/8" LVL beam over opening over 12' and up to 14'
 Double 1 3/4" x 14" 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. LST 18 strap over trimmer to header each side.



IF ANY DISCREPANCIES ARE FOUND IN THE PLANS, THE ENGINEERED PLANS SHALL APPLY.



HEADER SCHEDULE

2X STUD CONTINUOUS TO TOP PLATE

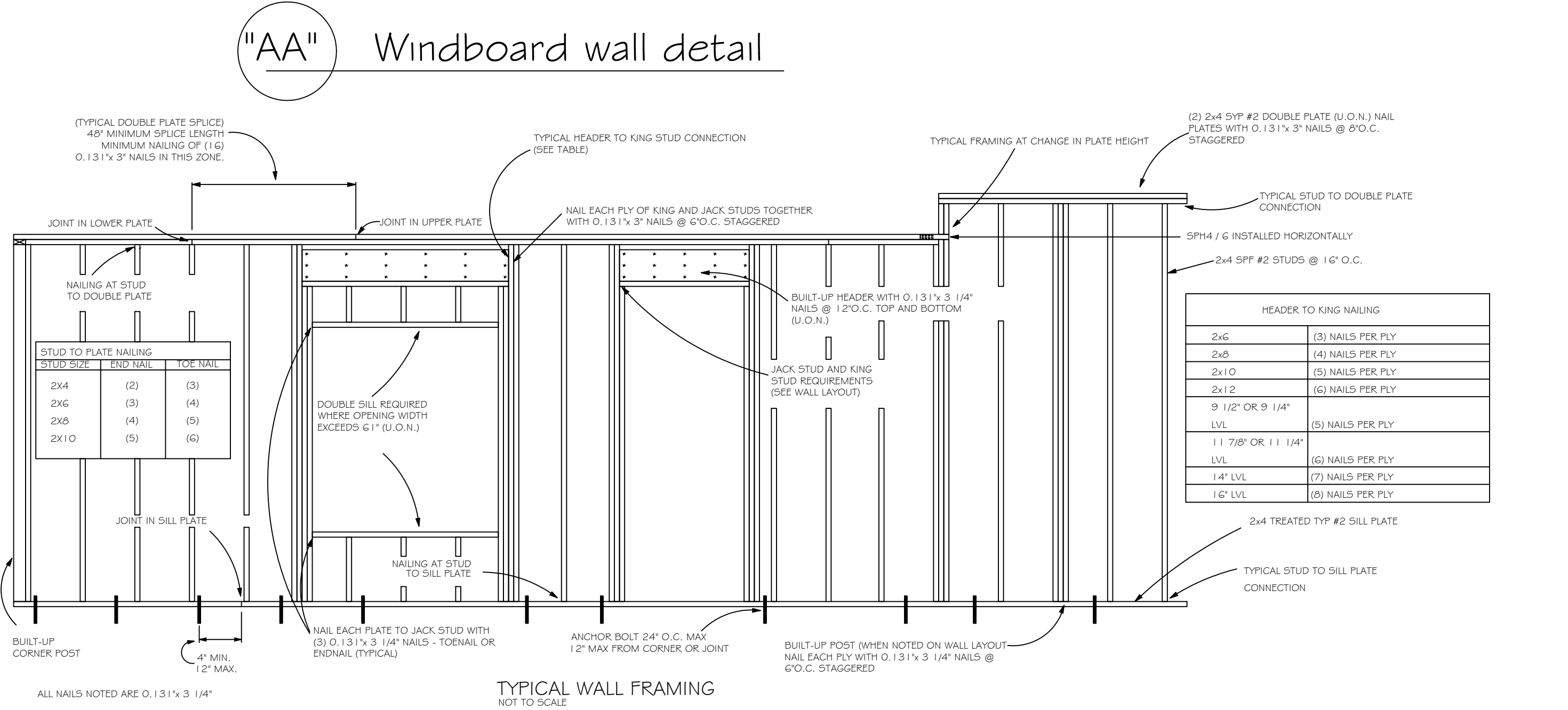
HEADER - CONTINUOUS

2 - 2X STUDS UNDER LINTELS WITH OPENINGS LARGER THEN 5'-0"

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

OPENING WIDTH	BEARING OR SHEAR WALL		NON-BEARING WALLS	
	2	3	2	3
0'-0" TO 3'-0"	2 - 2 X 6's	2 - 2 X 4's	1	1
3'-1" TO 5'-0"	2 - 2 X 10's	2 - 2 X 6's	2	2
5'-1" TO 7'-0"	2 - 2 X 10's	2 - 2 X 8's	2	2
7'-1" TO 10'-0"	2 - 2 X 10's	2 - 2 X 10's	2	2

NUMBER OF FULL LENGTH STUDS AT END OF HEADER: 2



CAROL CHADWICK, P.E.
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 125542
 EXPIRES 12/31/2026

WRIGHT RESIDENCE
 FRAMING DETAILS
 333 DE TRIBBLE STREET, LAKE CITY, FL

DATE: FEB. 24, 2026
 SHEET: 5-2