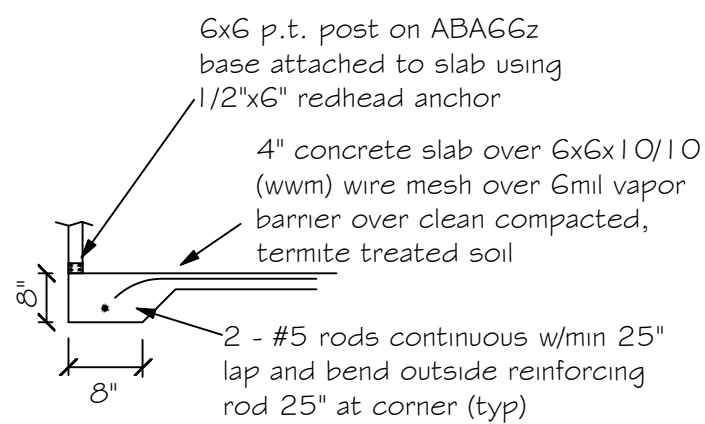
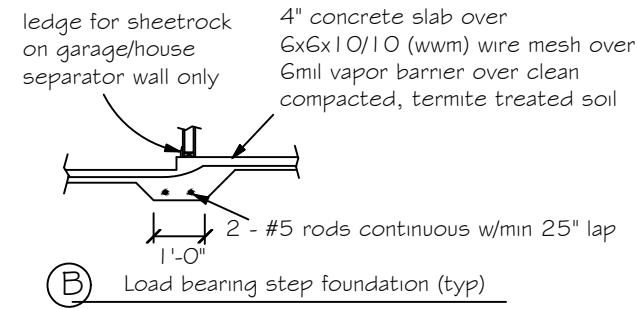
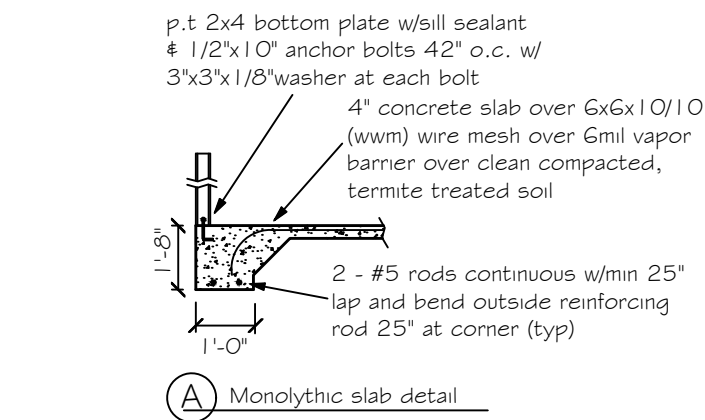
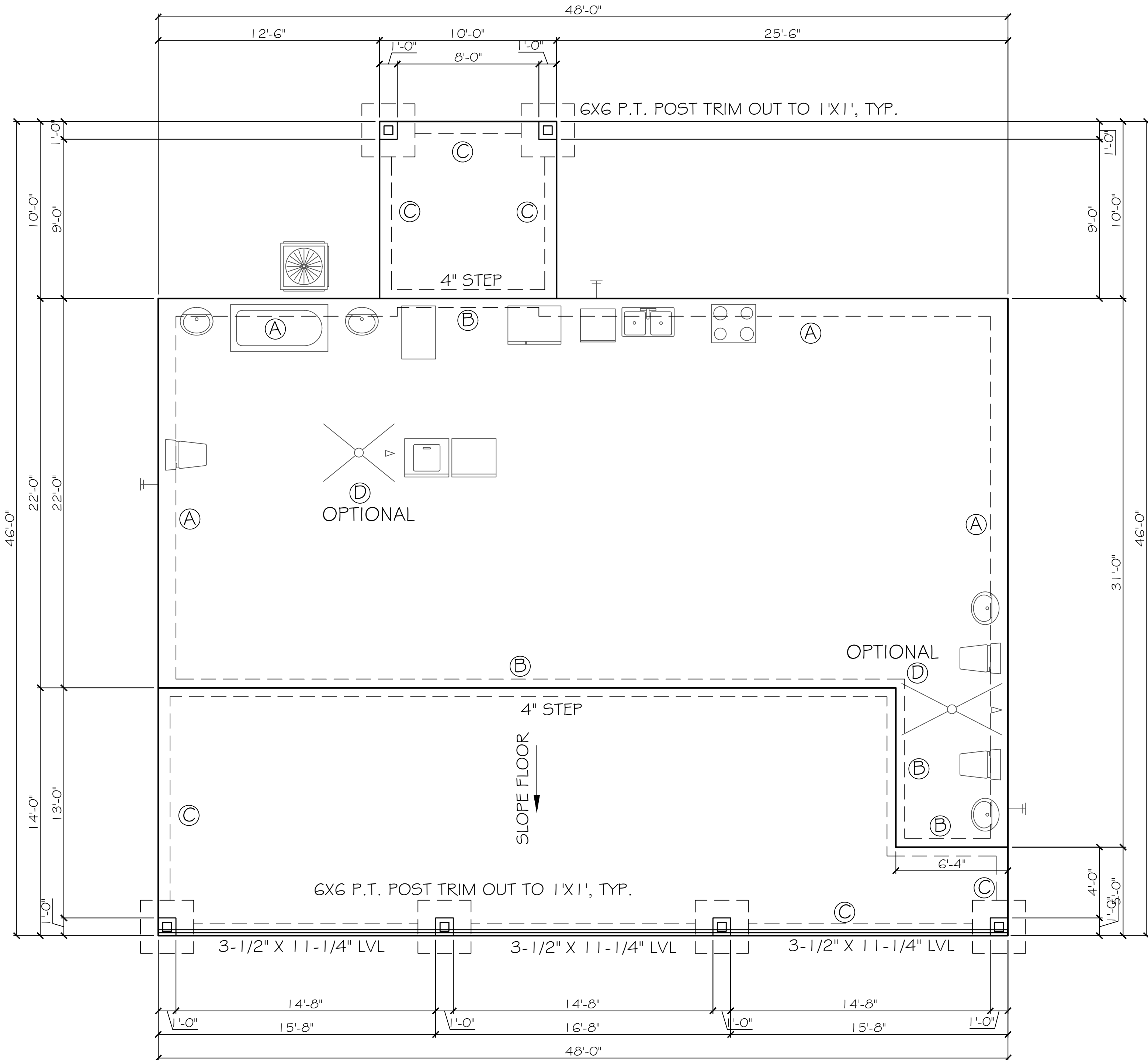
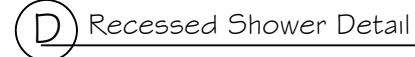
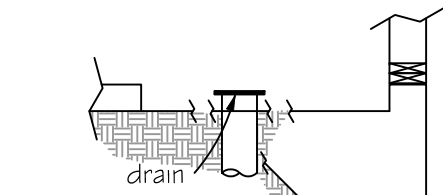
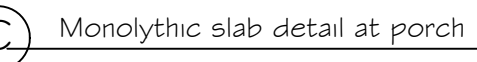


DESIGN SPECIFICATIONS

- 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 CGP1 ±



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 ABAG6z base
attached to slab using 1/2"x4" redhead anchor



FOUNDATION PLAN
SCALE: 1/4" = 1'

ENGINEER'S NOTES:

- CONTRACTOR TO VERIFY ALL
DIMENSIONS WITH TRUSS DESIGN
AND FLOOR PLANS PRIOR TO
CONSTRUCTION. CONTRACTOR
SHALL NOTIFY ENGINEER IF ANY
DISCREPANCIES ARE FOUND.
- REFER TO ARCHITECTURAL PLANS
FOR PLUMBING LOCATIONS.

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 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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ou=Florida,
dnQualifier=A014
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934E0000994C,
cn=Carol
Chadwick
Date: 2023.06.28
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on any electronic copies.

CAROL CHADWICK Professional Engineer No. 123232 Exp. 12/31/2025 FLORIDA	
SEAL	
PROJECT NO. 123232	DATE JUNE 28, 2023
PROJECT NAME LEAR RESIDENCE FOUNDATION PLAN	
PROJECT ADDRESS 106 NW LIVE OAK PLACE, LAKE CITY, FL	
SCALE 1/4" = 1'	DATE JUNE 28, 2023

NOTE
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 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.

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

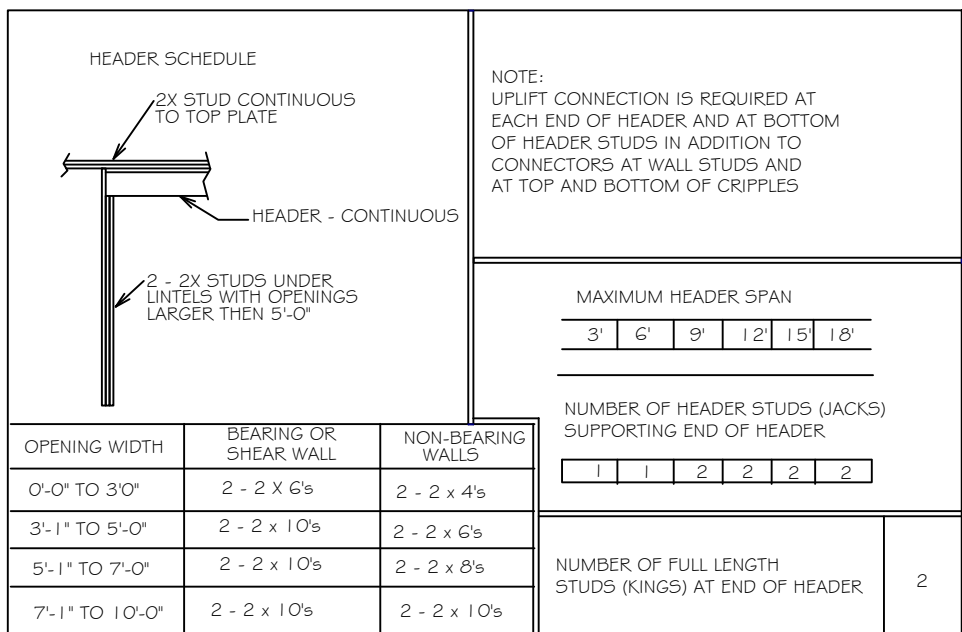
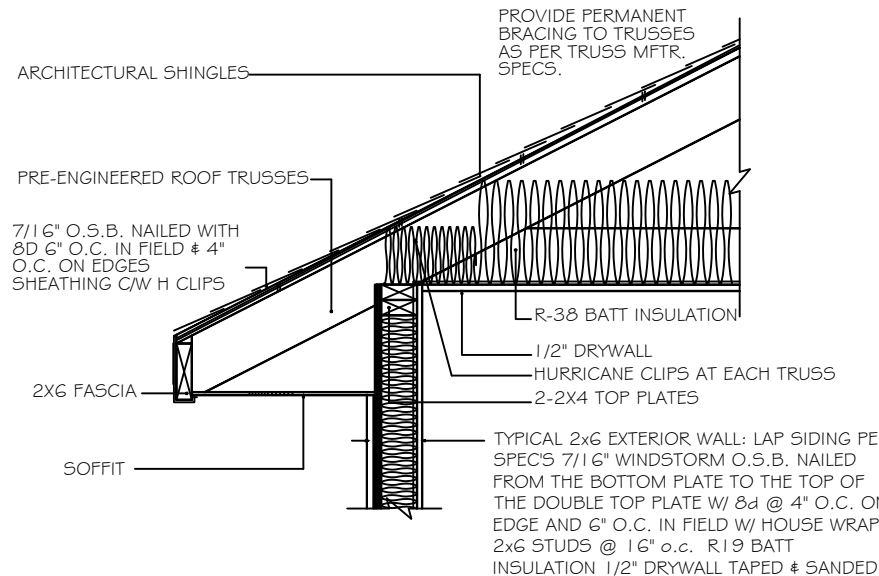
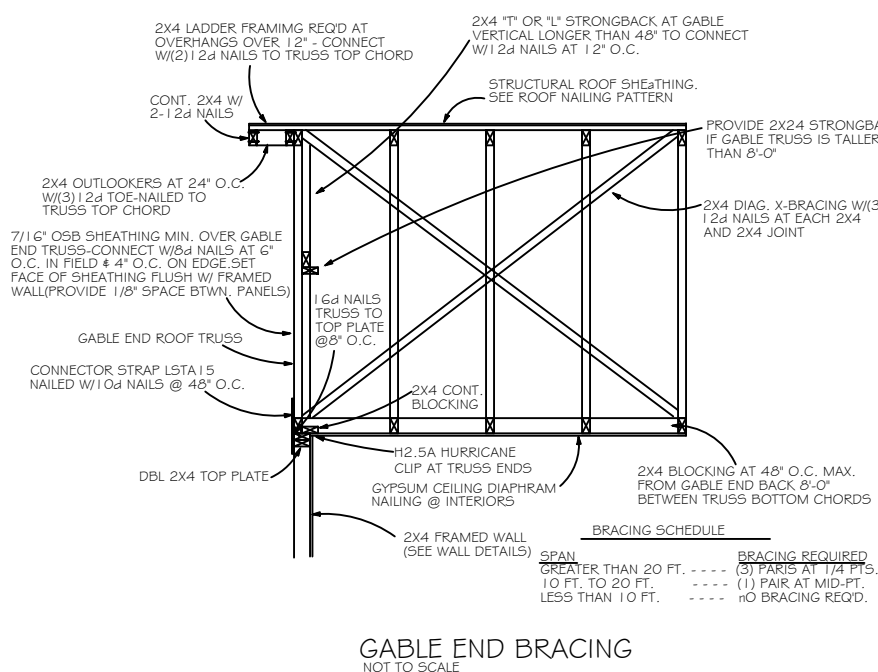
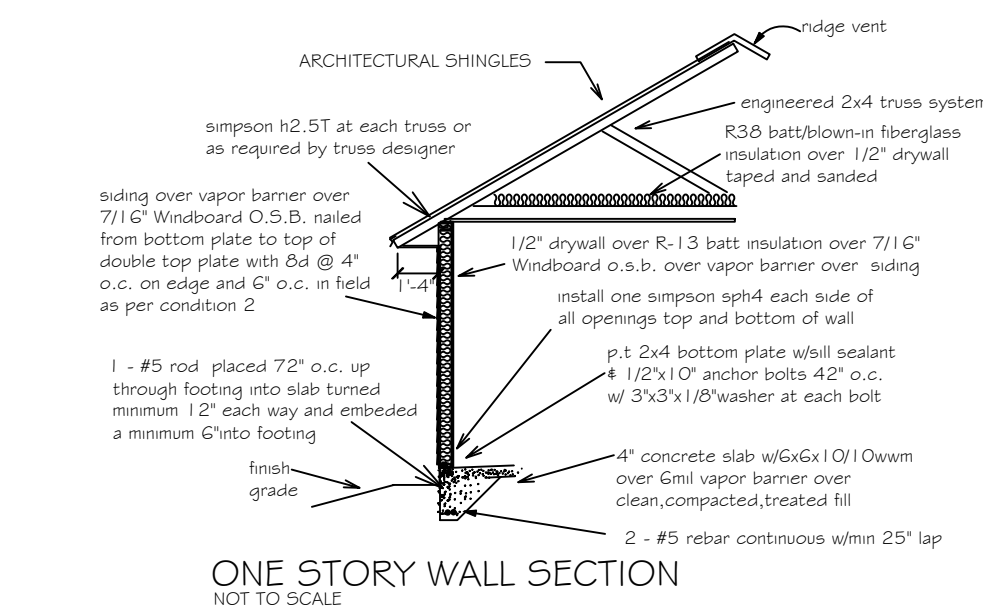
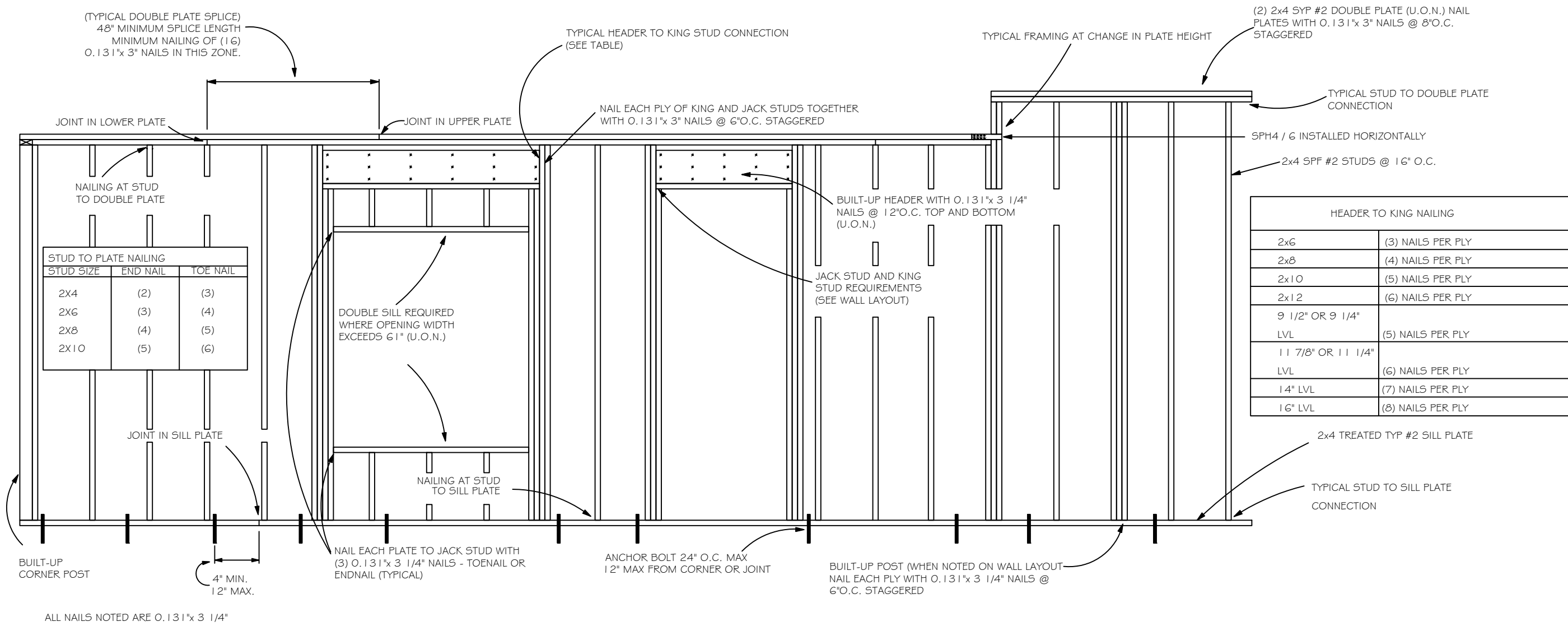
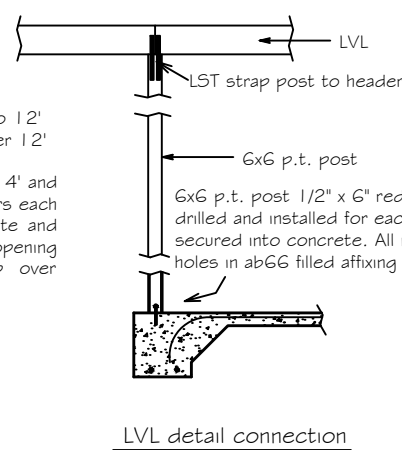
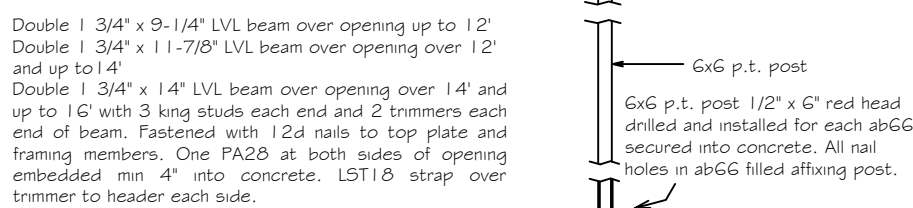
OVERLAP ROOFING UNDERLAYMENT 4(MIN) OVER HIPs AND RIDGES

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



Digitally signed by Carol Chadwick
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dnQualifier=A01410D0000017E86
924CE0005954C, cn=Carol
Chadwick
Date: 2023.06.28 17:51:23 -04'00'

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