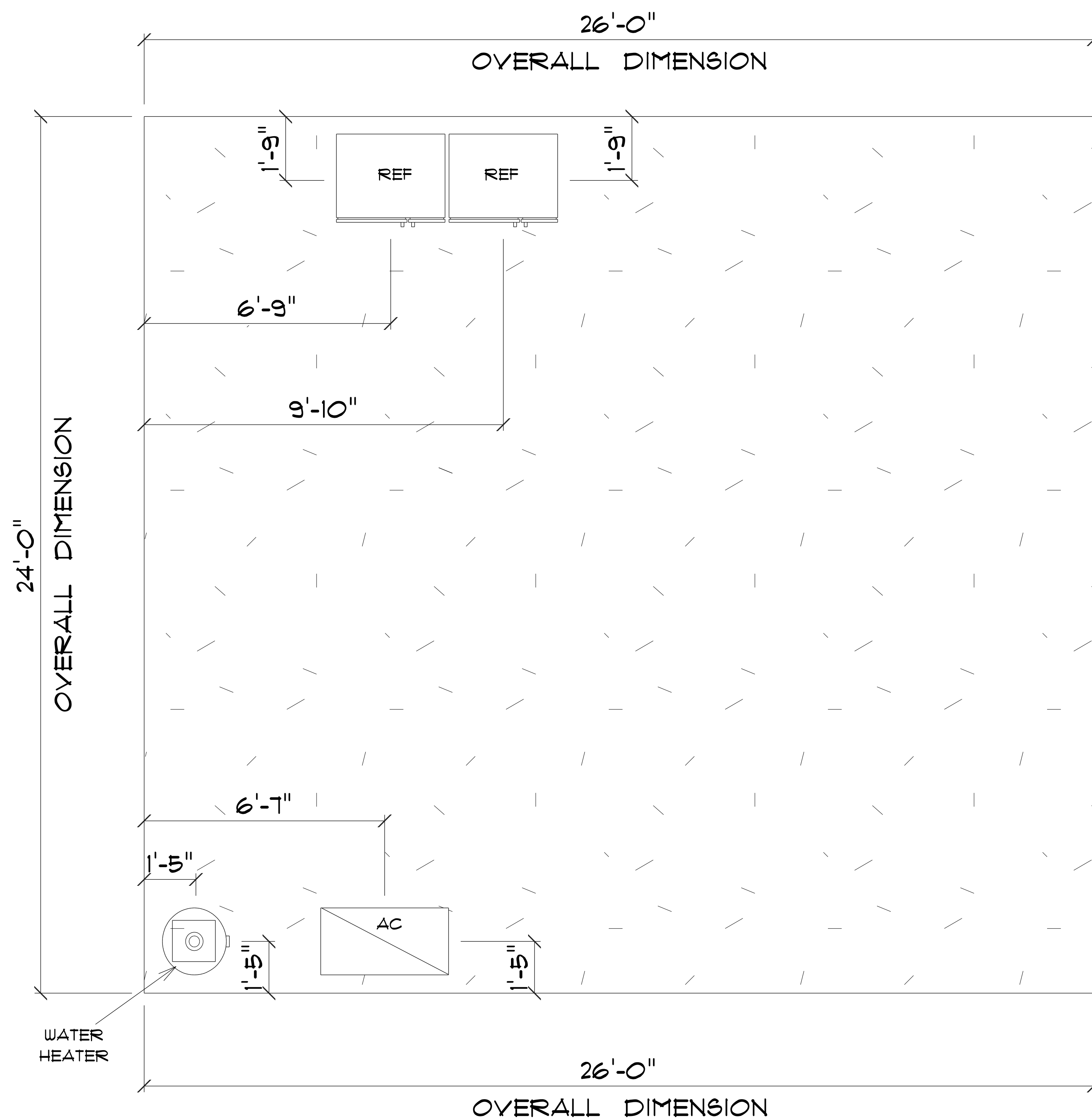




* PARTIAL PROPOSED *

* PLUMBING & *

* CONCRETE PLAN *

SCALE : 1/2" = 1'-0"

EXISTING
BUILDING

H46 COMMERCIAL

Carol Chadwick, P.E.
1208 SW Fairfax Glen
Lake City, Florida, 32025
Cell: (307) 680 - 1112
Email: cchadwick@gmail.com

PRINTED DATE:
Wednesday, September 24, 2025

DRAWN BY: Daniel Hammond

CHECKED BY: THM

BUILDING CONTRACTOR:

FINALS DATE:

JOB NUMBER:

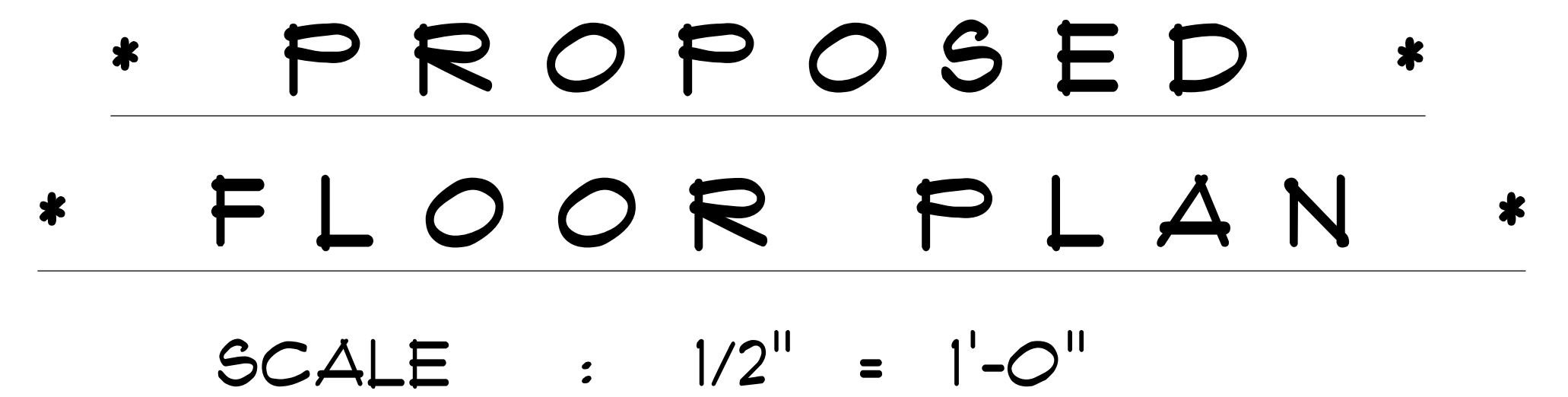
DRAWING NUMBER

A-1

OF 4 SHEETS

IMPORTANT NOTE:

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BY CAROL CHADWICK, P.E. ON THE DATE ADJACENT
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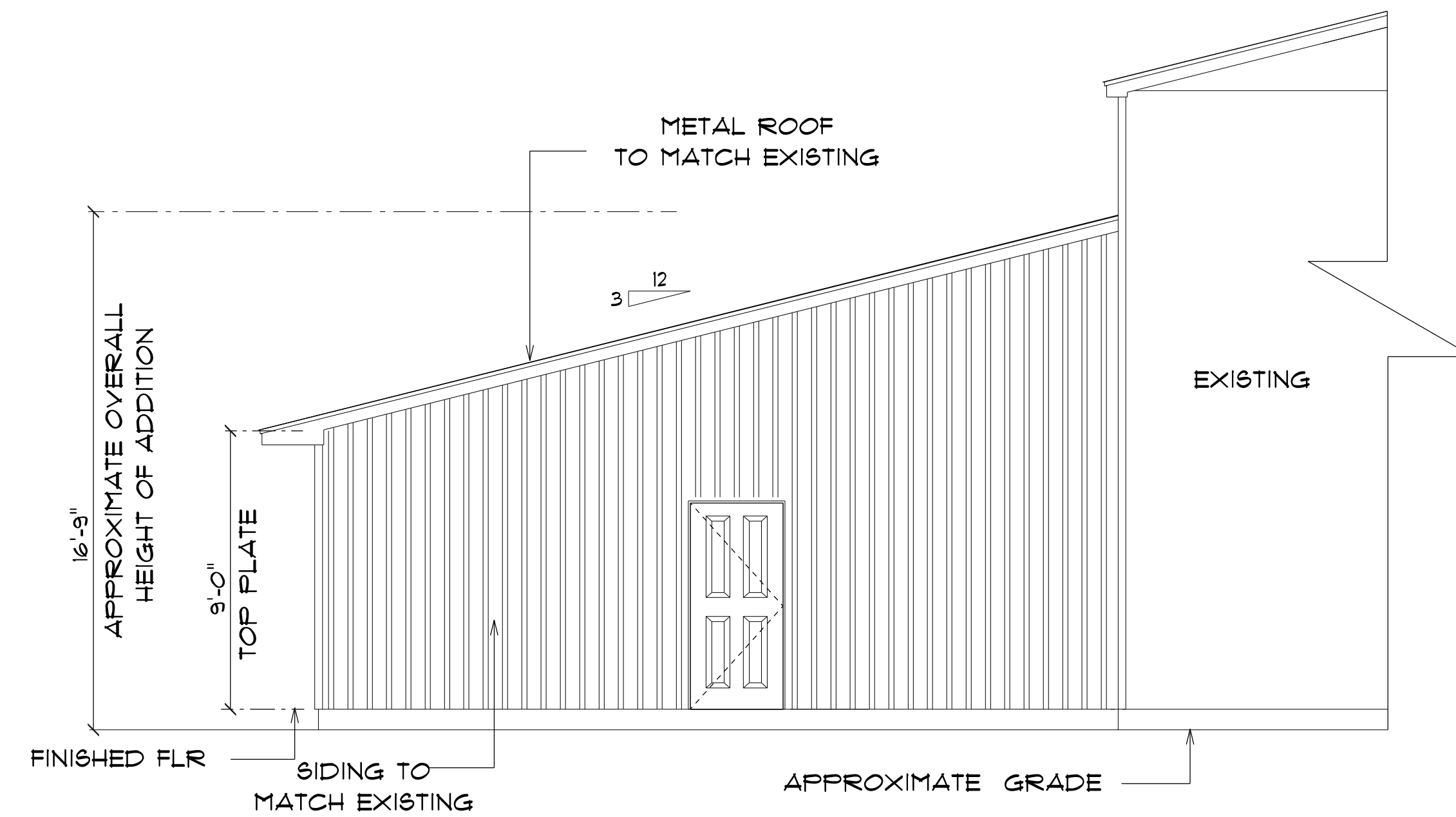


1. IT IS THE BUILDERS RESPONSIBILITY TO VERIFY ALL GEOMETRY AND DIMENSIONS BEFORE ORDERING ANY MATERIALS OR BEGINNING CONSTRUCTION.
2. THESE PLANS ARE FOR LAYOUT AND DESIGN PURPOSES ONLY ALL STRUCTURAL NOTES AND DETAILS TO BE PROVIDED BY AN ENGINEER.

CONFERENCE ROOM ADDITION	=	649	S.F.
TOTAL AREA ADDED	=	649	S.F.

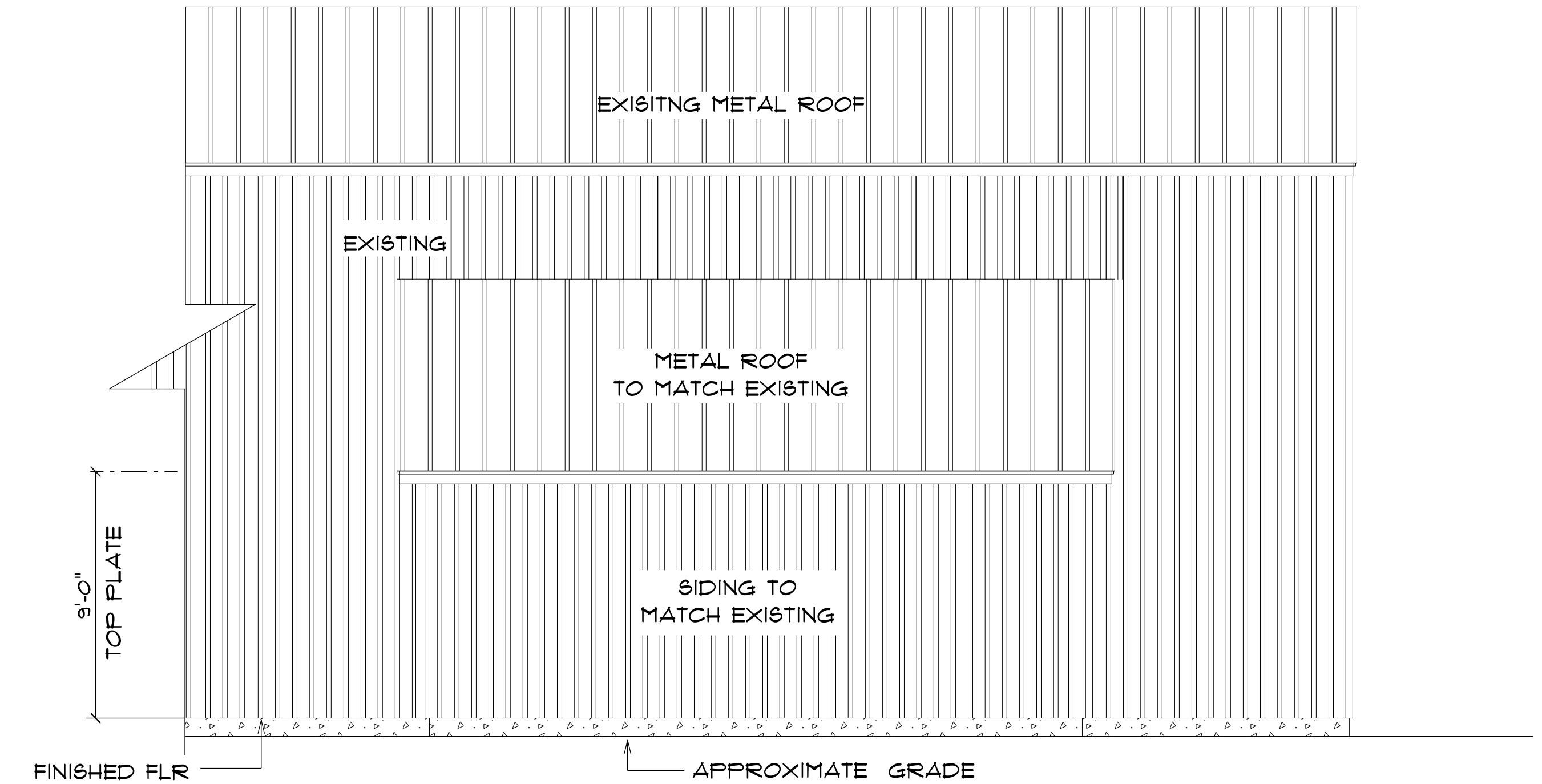
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OF 4 SHEETS



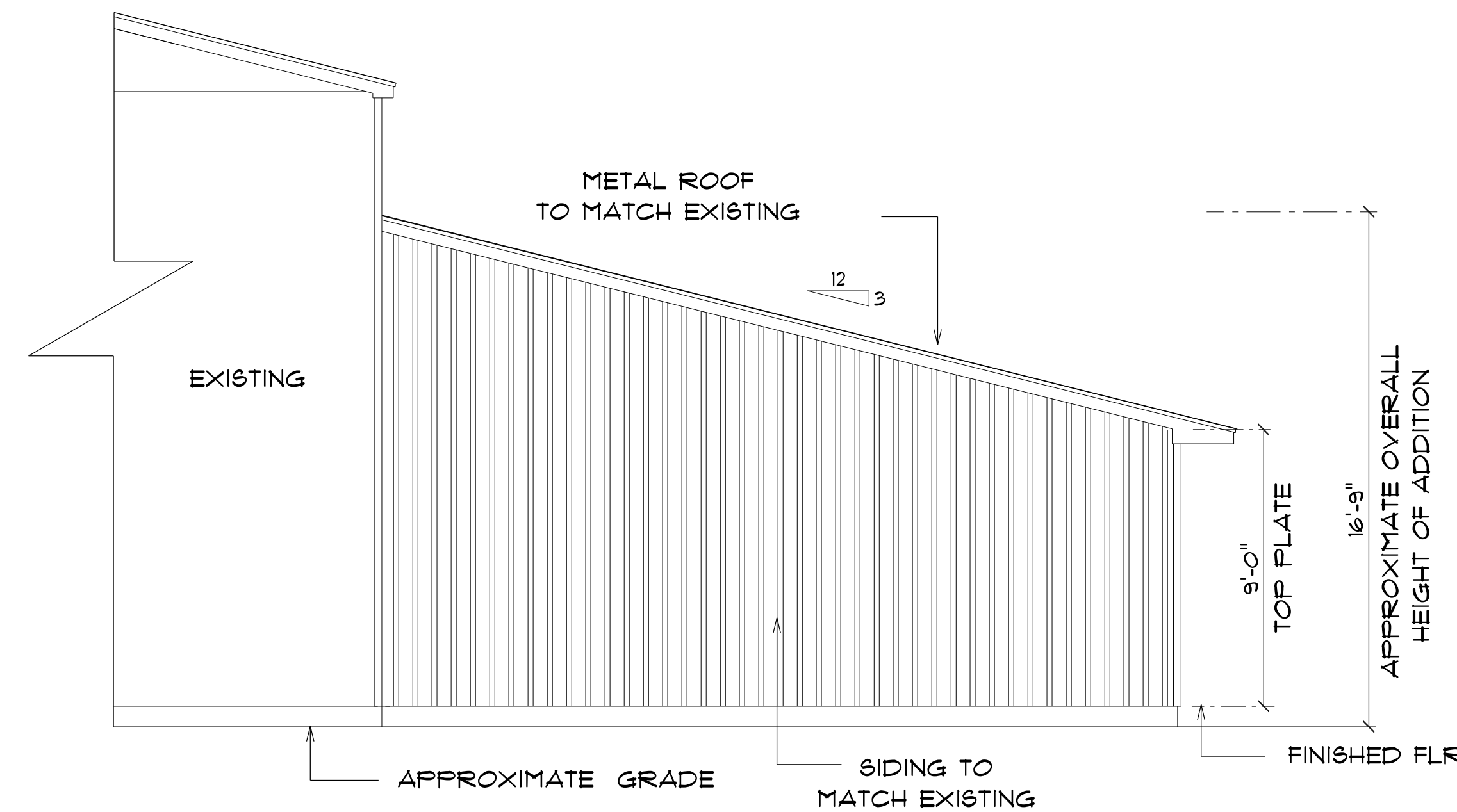
* PROPOSED PARTIAL *
* REAR ELEVATION *

SCALE : 1/4" = 1'-0"



* PROPOSED PARTIAL *
* LEFT ELEVATION *

SCALE : 1/4" = 1'-0"



* PROPOSED PARTIAL *
* REAR ELEVATION *

SCALE : 1/4" = 1'-0"

H46 COMMERCIAL

Carol Chadwick, P.E.
 1208 SW Fairfax Glen
 Lake City, Florida, 32025
 Cell: (307) 680 - 1112
 Email: cpewyo@gmail.com

PRINTED DATE:
 Wednesday, September 24, 2025

DRAWN BY: Daniel Hammond

CHECKED BY: THM

BUILDING CONTRACTOR:

FINALS DATE:

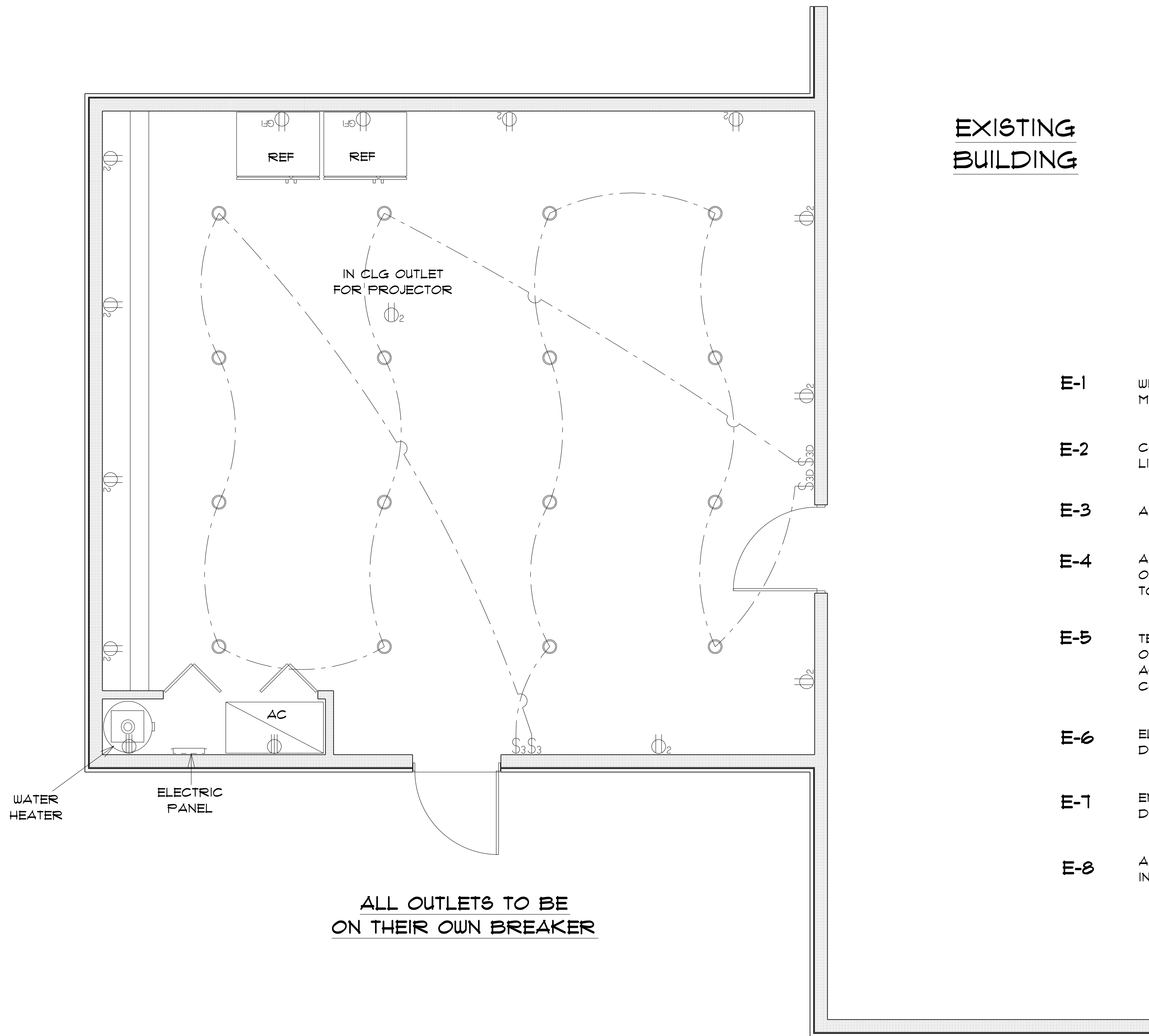
JOB NUMBER:

DRAWING NUMBER

A-3

OF 4 SHEETS

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EXISTING
BUILDING

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
dimmer switch 3-way	2	\$3D
electrical panel	1	[---]
outlet 220v	2	⊕
outlet double	11	⊕ ₂
outlet gfi	2	⊕GFI
pot light	16	⊙
switch 3 way	2	\$3

ELECTRICAL PLAN NOTES

- E-1
- WIRE ALL APPLIANCES, HYAC UNITS AND OTHER EQUIPMENT PER MANUFACTORS SPECIFICATIONS.
- E-2
- CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-3
- ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE.
- E-4
- ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5
- TELEPHONE, TELEVVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNERS DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELCT. CODE LATEST EDITION.
- E-6
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7
- ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- E-8
- ALL BEDROOM RECEPTICALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT)

ALL OUTLETS TO BE
ON THEIR OWN BREAKER

* ELECTRICAL PLAN *

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Lake City, Florida, 32025
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BUILDING CONTRACTOR:

FINIALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-4

OF 4 SHEETS

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 (2 = 50% AT HIGH AND 50% AT LOW
PER FBC SECTION R803.2.3.1, SECTION R803.1, 2023 FLORIDA
BUILDING CODE - RESIDENTIAL, 8TH EDITION FOR ROOF
SHEATHING NAILING ZONES

BASE OF CALCULATION:
(a) OFF RIDGE VENTS - STAMPOC W/ 36 SQ IN (IN/PA) PER LINEAL FT
(b) SOFFIT VENTS - 2" T3-1/3" FULL VENT PERFORATED W/ 9-1/9 SQ IN (IN/PA) PER LINEAL FT

CALCULATED UNLSA FOOT OF SOFFIT VENT SHALL NOT INCLUDE
NON-VENTED FIRE RATED SOFFIT LOCATED LESS THAN 5' FROM
PROPERTY LINE

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

SOFFIT TABLE VENT SPECS									
Double 5" perforated soffits have a 6.20 sq. inches/bay, foot rating Triple 4" center vent soffits has a 1.956 sq. inches/bay, foot rating Triple 4" full vent soffits has a 5.667 sq. inches/bay, foot rating Triple 4" basketweave full vent has a 14.34 sq. inches/bay, foot rating Triple 4" center vent has a 4.76 sq. inches/bay, foot rating Double hidden vent soffits has 2.66 sq. inches/bay, foot rating Triple 3-1/2" hidden vent soffits has a 9.19 sq. inches/bay, 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

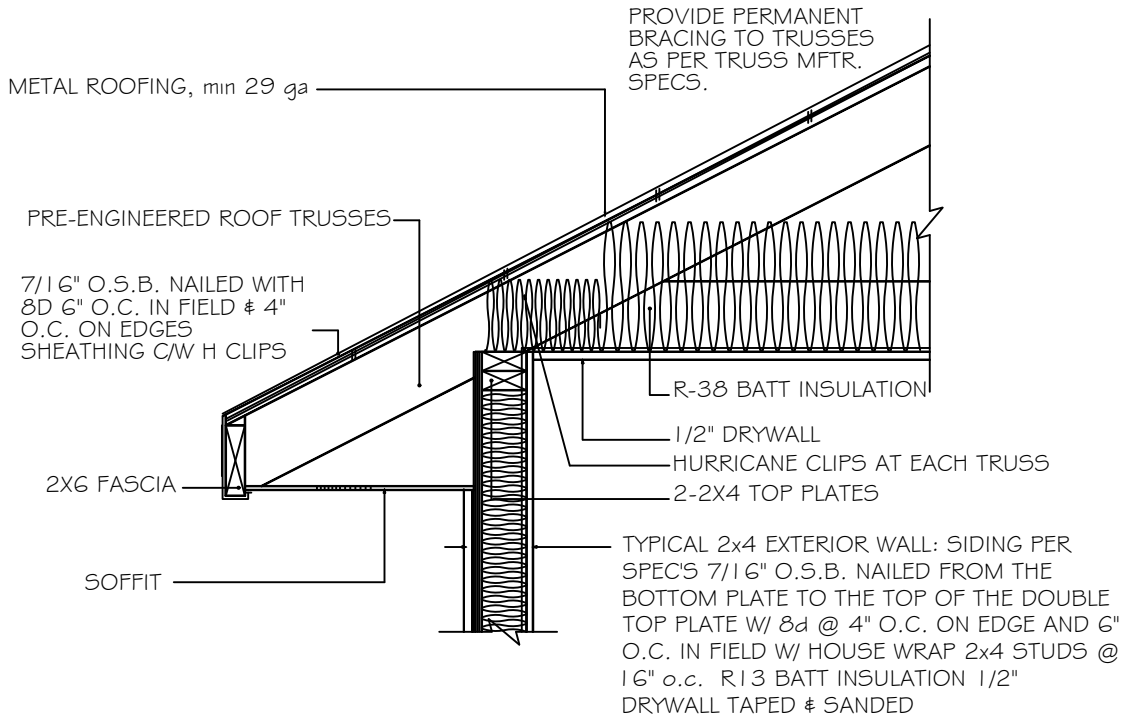
- 4" O.C. GABLE END
 - 6" O.C. EDGES (ALL ZONES)
 - 6" O.C. INTERMEDIATE FRAMING (ZONE 3)
 - 12" O.C. INTERMEDIATE FRAMING (ZONES 1 & 2)
- SEE FIGURE R803.2.3.1, SECTION R803.1, 2023 FLORIDA
BUILDING CODE - RESIDENTIAL, 8TH EDITION FOR ROOF
SHEATHING NAILING ZONES

ROOF NOTES

ROOF PITCH LESS THEN 4/12 DBL LAYER OF UNDERLAYMENT IS REQUIRED
OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPPS AND RIDGES
BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK
WHEN SHINGLES NOT INSTALLED SAME DAY
D RIP 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

DESIGN SPECIFICATIONS

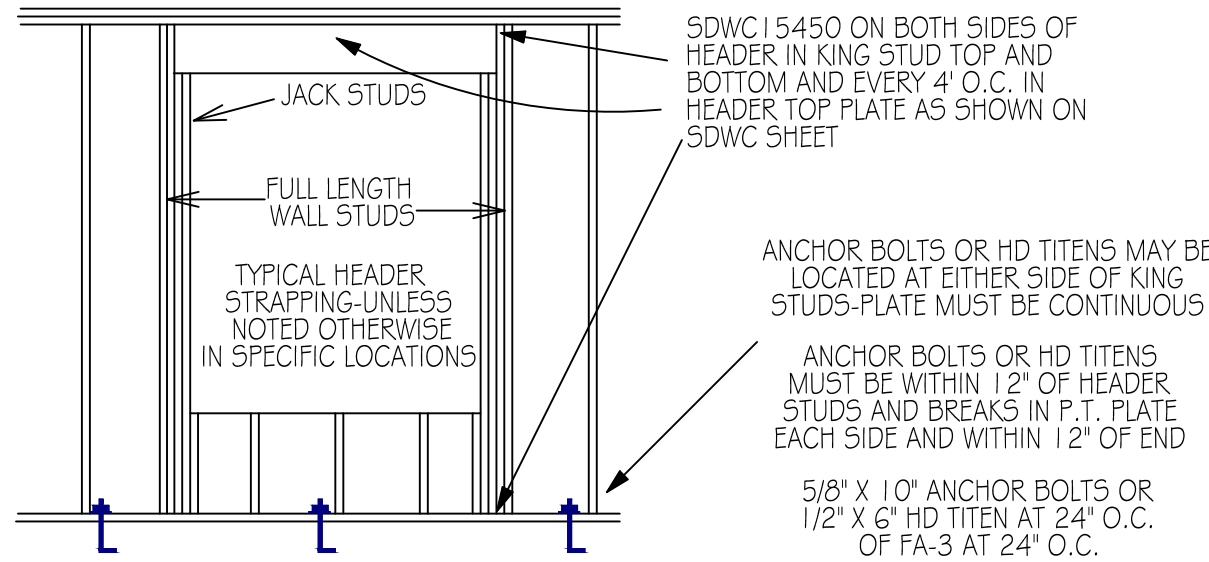
- DESIGN CODES:
2023 FLORIDA BUILDING CODE (FBC)
- OCCUPANCY: COMMERCIAL
- DESIGN LOADS:
ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS W/O STORAGE
FLOORS:
LL 40 PSF TOP CHORD
LL 0 PSF BOTTOM 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 ±



4" STUD EAVE

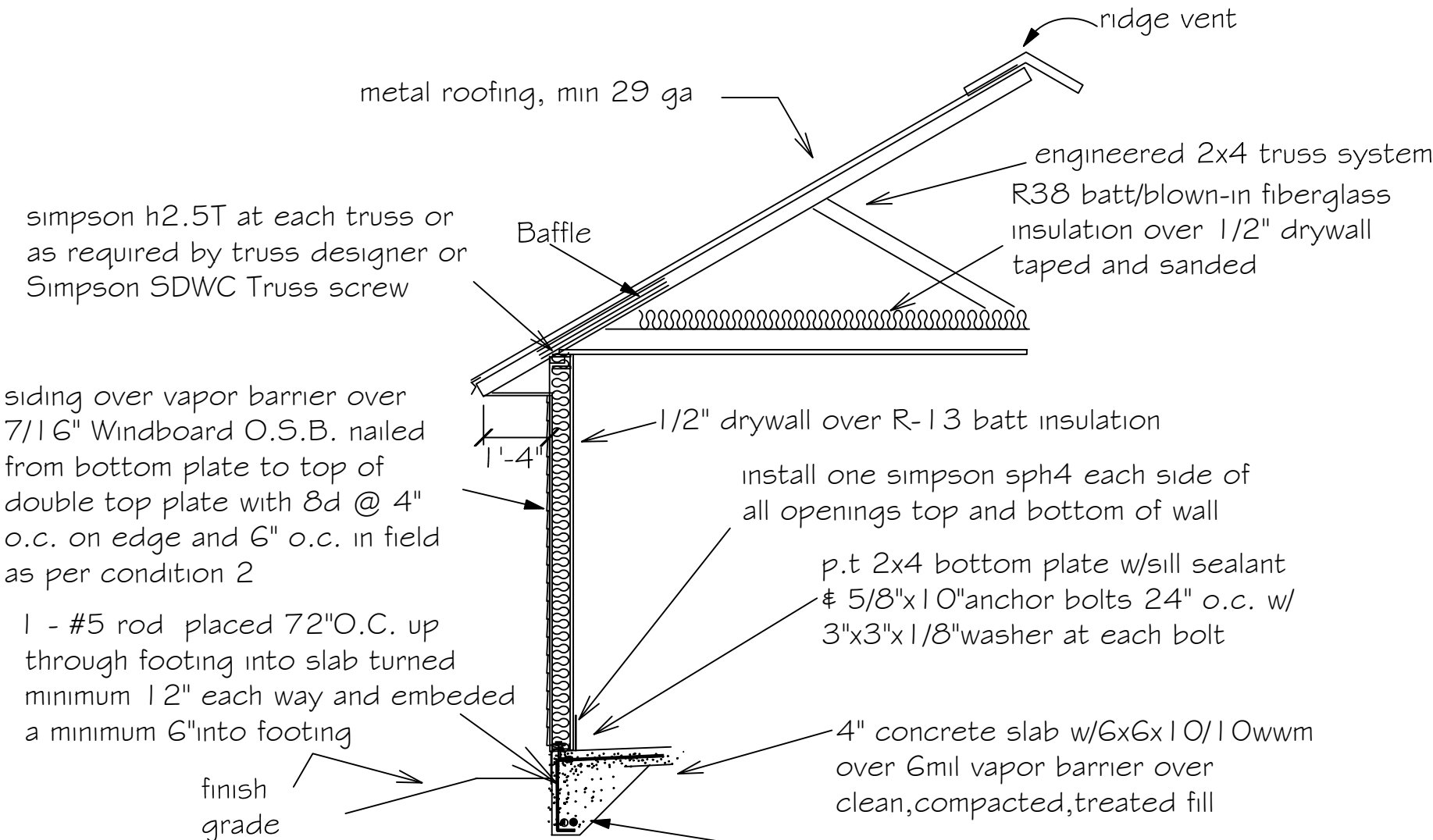
IF ANY DISCREPANCIES ARE FOUND IN THE PLANS, THE ENGINEERED
PLANS SHALL APPLY.

SEE HEADER
SCHEDULE
FOR SIZE



UPLIFT CONNECTIONS REQUIRED AT POINT 'A' (TOP &
BOTTOM OF CRIPPLES) UPLIFT LOAD PER FRAMING
MEMBER ABOVE THE HEADER MULTIPLIED BY THE
NUMBER OF FRAMING MEMBERS DIVIDED BY TWO

SDWC HEADER STRAPPING (TYPICAL)

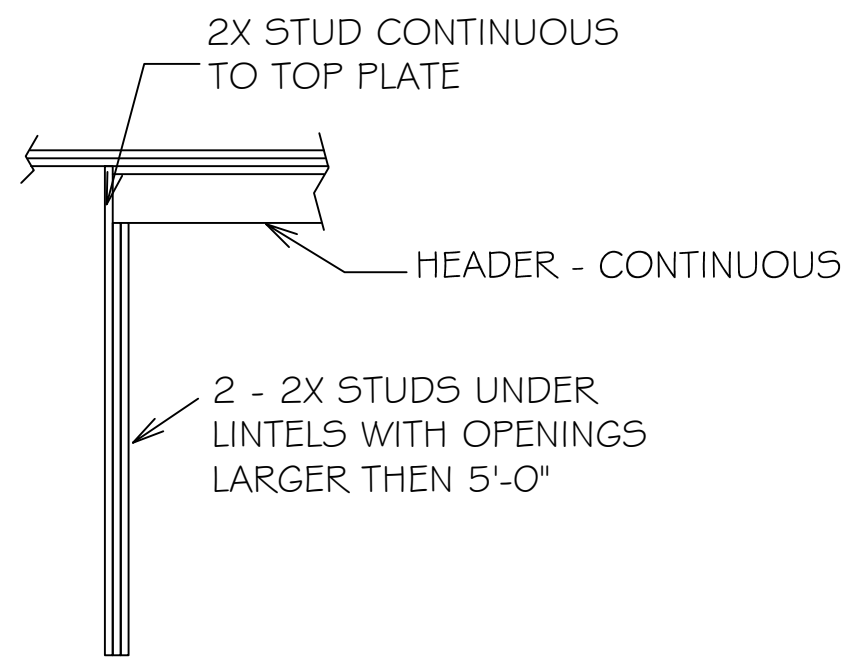


"AA"

Windboard wall detail

SLAB NOTE:
EXISTING SLAB WITH 1'6" THICKENED
PER CONTRACTOR

HEADER SCHEDULE



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'
----	----	----	-----	-----	-----

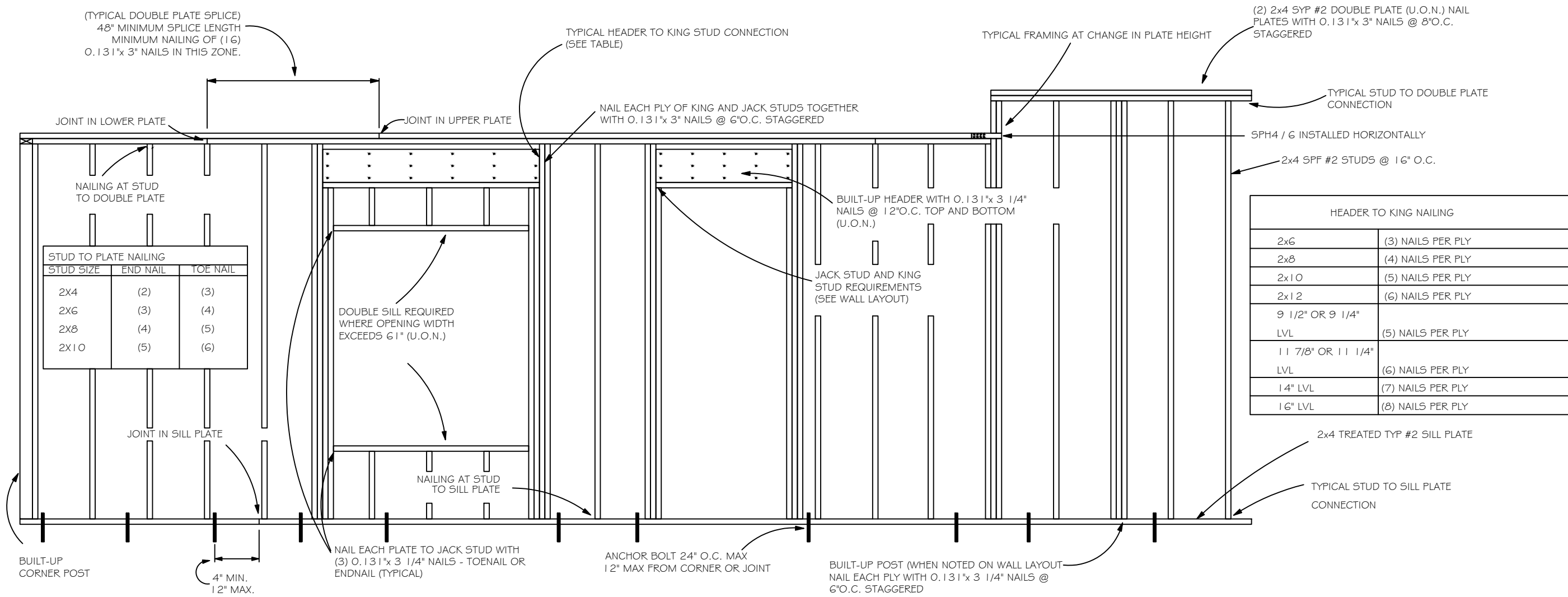
NUMBER OF HEADER STUDS SUPPORTING END OF HEADER

1	1	2	2	2	2
---	---	---	---	---	---

NUMBER OF FULL LENGTH STUDS AT END OF HEADER

2

OPENING WIDTH	BEARING OR SHEAR WALL	NON-BEARING WALLS
0'-0" TO 30"	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



TYPICAL WALL FRAMING

NOT TO SCALE