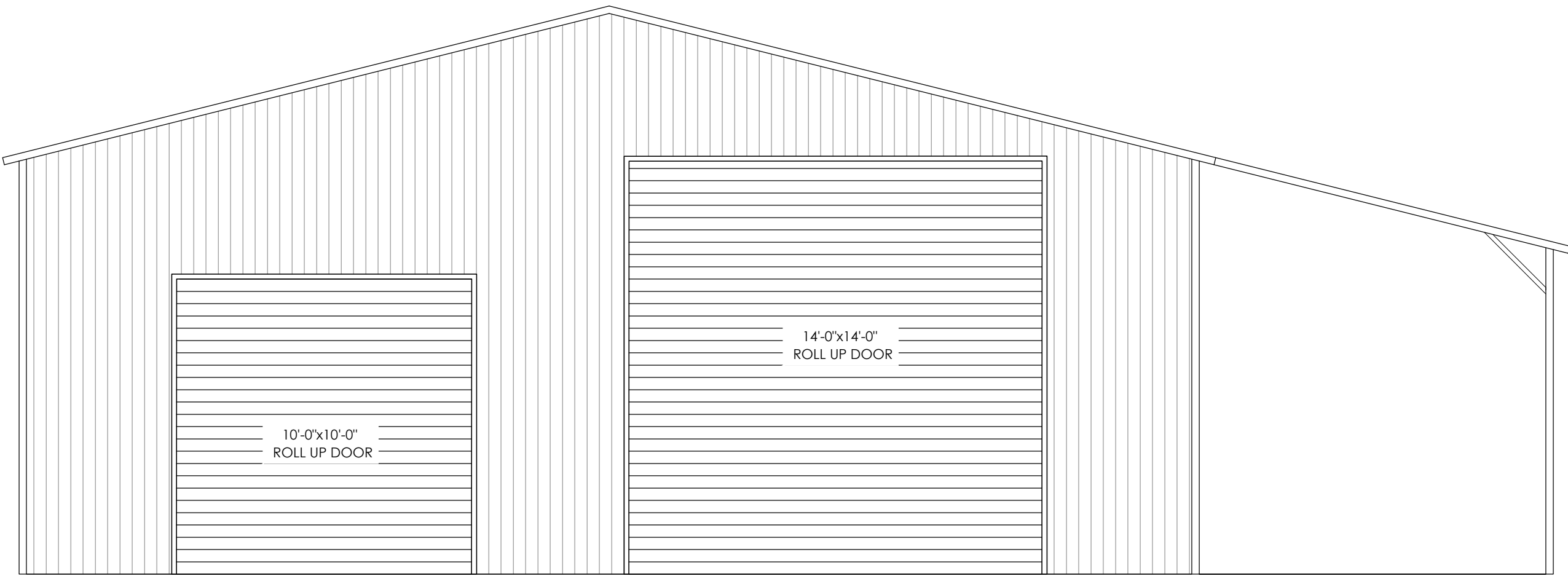


NOTE: IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW AND CONFIRM THE DESIGN OF THIS STRUCTURE, VERIFYING DIMENSIONS AND DETAILS THAT CONTRIBUTE TO OWNER SPECIFICATION. ANY DISCREPANCIES ARE TO BE RELATED TO DESIGNER AND ENGINEER OF RECORD. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY & ALL COSTS RELATED TO CORRECTIONS OF THE PLANS.

GENERAL NOTES:

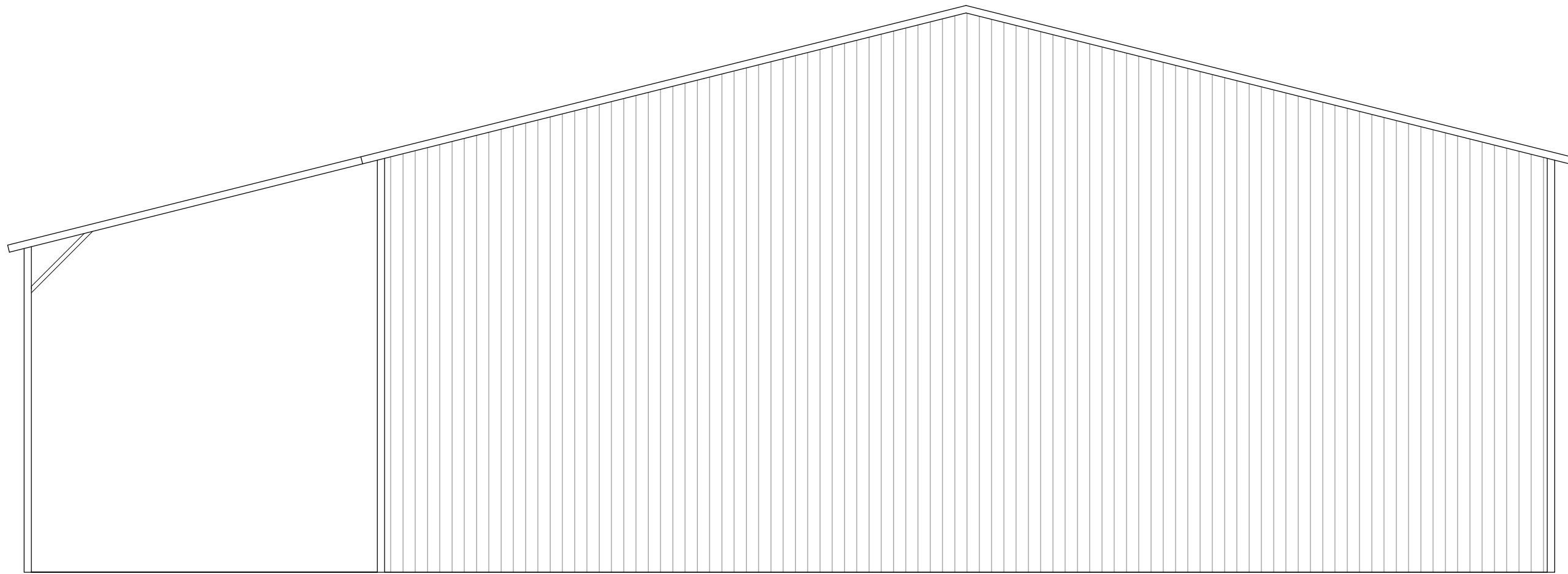
- THESE PLANS PERTAIN ONLY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM, COMPONENTS AND CLADDING, AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS.
- THESE STRUCTURES ARE DESIGNED AS NON-HABITABLE UTILITY / STORAGE BUILDINGS (RISK CATEGORY I) CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE AND APPLICABLE LIVE AND WIND LOADS. IMPROVEMENTS NOT SPECIFICALLY ADDRESSED HEREIN, INCLUDING DOORS, WINDOWS, SOLAR PANELS, LIGHTING, INTERIOR WALL(S), CEILING FIXTURES, OR OTHER COMPONENTS NOT LISTED IN THE FBC APPROVED PRODUCTS LIST (THIS SHEET), AND NOT PROVIDED AND INSTALLED BY CAROLINA CARPORTS, INC., WHICH EXERT ADDITIONAL LOADS ON THE STRUCTURE SHALL BE AT THE OWNER'S RISK. BECHTOL ENGINEERING AND TESTING, INC., SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FAILURE DUE TO THE APPLICATION OF ADDITIONAL LOADS.
- ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL. ALL FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL.
- ALL COMPONENTS AND CLADDING SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL FIELD FRAMING CONNECTIONS SHALL BE #12-14 x 3/4" SELF DRILLING SCREWS WITHOUT CONTROL SEAL WASHER. ALL SHOP FRAMING CONNECTIONS SHALL BE WELDED.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40. CONCRETE SLAB FOUNDATIONS SHALL BE REINFORCED WITH 6x6 - W1.4xW1.4 WELDED WIRE FABRIC COMPLYING WITH ASTM A 185, OR WITH SYNTHETIC FIBER REINFORCEMENT COMPLYING WITH ASTM C1116.
- CONCRETE ANCHORS SHALL BE TAPCON REDHEAD LDT 1/2" x 5" OR EQUIVALENT.
- POST/RAFTER BRACING: BRACE ON EVERY POST/RAFTER CONNECTION, EXCEPT FOR END WALLS AND GABLE ENDS.
- SLAB FOUNDATION SUBGRADE SOILS SHALL BE TERMITE TREATED AND COVERED WITH 6 MIL VAPOR RETARDER PER SECTION R318.1 OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) - RESIDENTIAL, AND SECTION 1916.1 OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) - BUILDING. SOIL LOAD BEARING PRESSURE OF 2000PSF IS ASSUMED.
- 14 GA FRAMING: 2-1/2" x 2-1/2" TUBE STEEL (TS) WITH 2-1/4" x 2-1/4" TS NIPPLES.
12 GA FRAMING: 2-1/4" x 2-1/4" TS WITH 2" x 2" TS NIPPLES.
- FOR ROOF SLOPES LESS THAN 7 DEGREES, SEAL ALL PANEL OVERLAPS WITH BUTYL TAPE OR OTHER SUITABLE SEALANT.
- FOR CONTINUOUS REINFORCING, MINIMUM BAR OVERLAP SHALL BE 40 BARS DIAMETERS (25" FOR #5 REBAR)

THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS HEREIN HAVE BEEN PREPARED BY THE UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609 OF THE FLORIDA BUILDING CODE, 8TH EDITION (2023).



FRONT ELEVATION

SCALE: 1/4" = 1'



REAR ELEVATION

SCALE: 1/4" = 1'

APPROVED PRODUCTS LIST

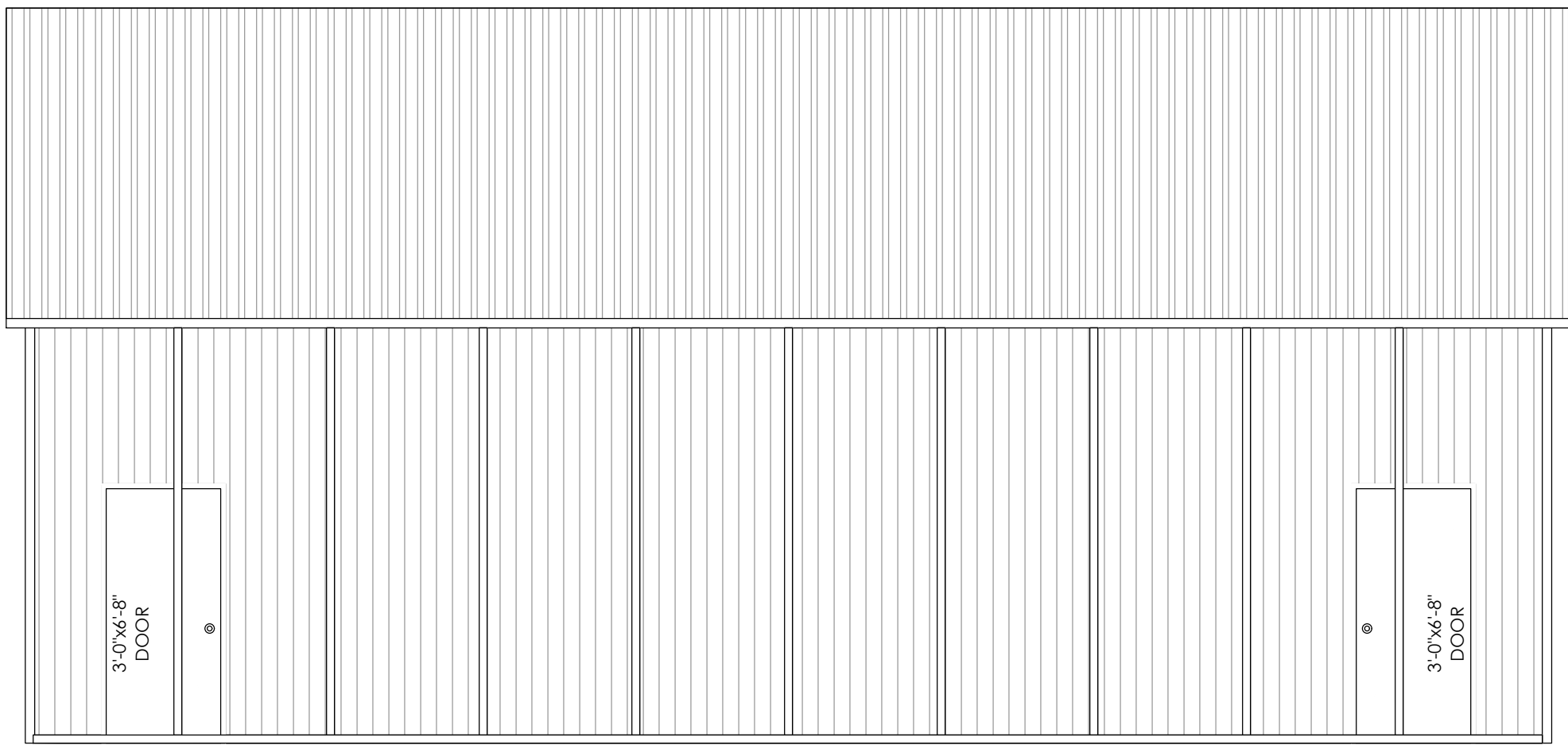
PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	PRODUCT CATEGORY
STRUCTURAL COMPONENTS	ROOF DECK	AGRI-METAL SUPPLY 29 Gauge AG Panel	FL13768.1 - R7
STRUCTURAL COMPONENTS	STRUCTURAL WALL	AGRI-METAL SUPPLY 29 Gauge AG Panel	FL13768.1 - R7
EXTERIOR DOORS	SWINGING	ELIXIR DOOR AND METAL COMPANY Series 407	FL17996.5-R4
EXTERIOR DOORS	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC SERIS 3400 - (12' Max. Width)	23-1026.06
WINDOWS	SINGLE HUNG	WINDSOR WINDOWS & DOORS WZ3 IMPACT	FL 47167-R0



OCCUPANCY GROUP:	U
CONSTRUCTION TYPE:	II-B
RISK CATEGORY:	I
BUILDING ENCLOSURE TYPE:	ENCLOSED
WIND EXPOSURE CATEGORY:	C
ULTIMATE WIND SPEED (MPH):	150
NOMINAL DESIGN WIND SPEED (MPH):	116.2
MEAN ROOF HEIGHT (FEET):	13.88
ROOF ANGLE (DEGREES):	16.5
	+0.18 / -0.18

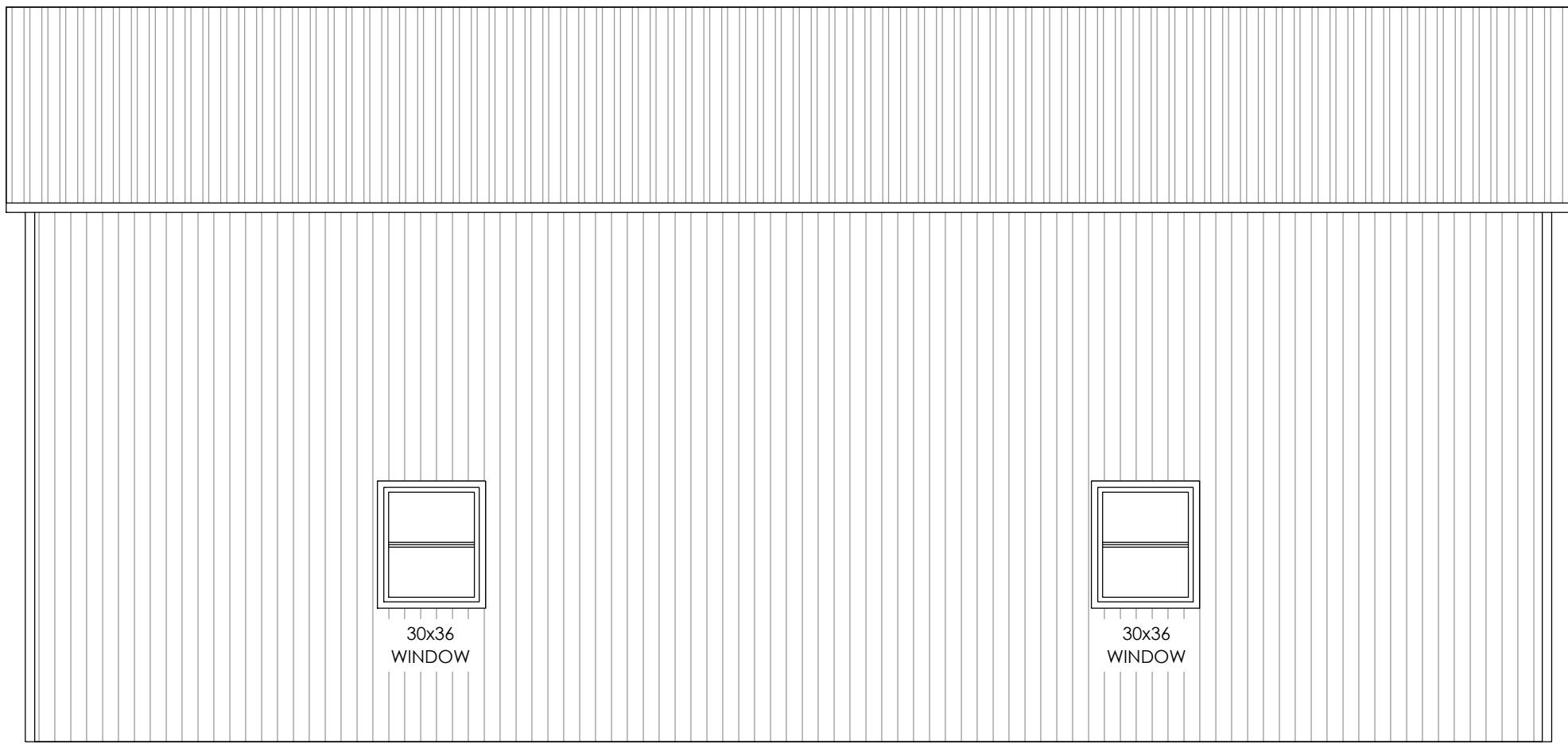
ROOF:	
ZONE 1:	+16.0 / -28.7
ZONE 2e:	+16.0 / -28.7
ZONE 2n:	+16.0 / -51.3
ZONE 2r:	+16.0 / -51.3
ZONE 3e:	+16.0 / -51.3
ZONE 3r:	+16.0 / -59.1
WALLS:	
ZONE 4:	+26.3 / -28.8
ZONE 5:	+26.3 / -33.3
	+28.0 / -36.6
	+24.9 / -27.4

NOTE: 14 GA FRAMING



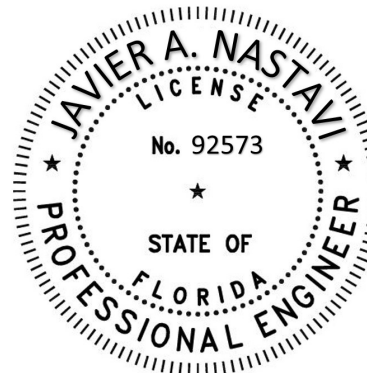
RIGHT ELEVATION

SCALE: 1/4" = 1'



LEFT ELEVATION

SCALE: 1/4" = 1'



Javier
Nastavi

Digitally signed
by Javier Nastavi
Date: 2026.03.25
07:52:03 -04'00'

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SOIL CONCRETE LLC

ENGINEERING SERVICES
JAVIER A. NASTAVI, P.E.

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MIAMI, FL, 33137

PH: (954) 310-1244

REVISIONS:

DATE:

- 1 X
- 2 X
- 3 X
- 4 X

DRAWN

CHECK BY

AR

JN

DATE

FILE

03-07-26

26-081

1/4" = 1'-0"

PARCEL ID 06-6S-17-09613-003 (35290)

TUE 3-24-2026 8:35 AM
PLOTTED BY: ANTON

1

14'-0"

10'-0" x 10'-0"
ROLL UP DOOR

14'-0" x 14'-0"
ROLL UP DOOR

12/3

4' MAXIMUM

1.125" x 1.6GA CHANNEL
/ 2.5" x 2.5" x 14GA TS
MAX SPACING 48" TYPICAL

5'-4"

10'-0"

5'-4"

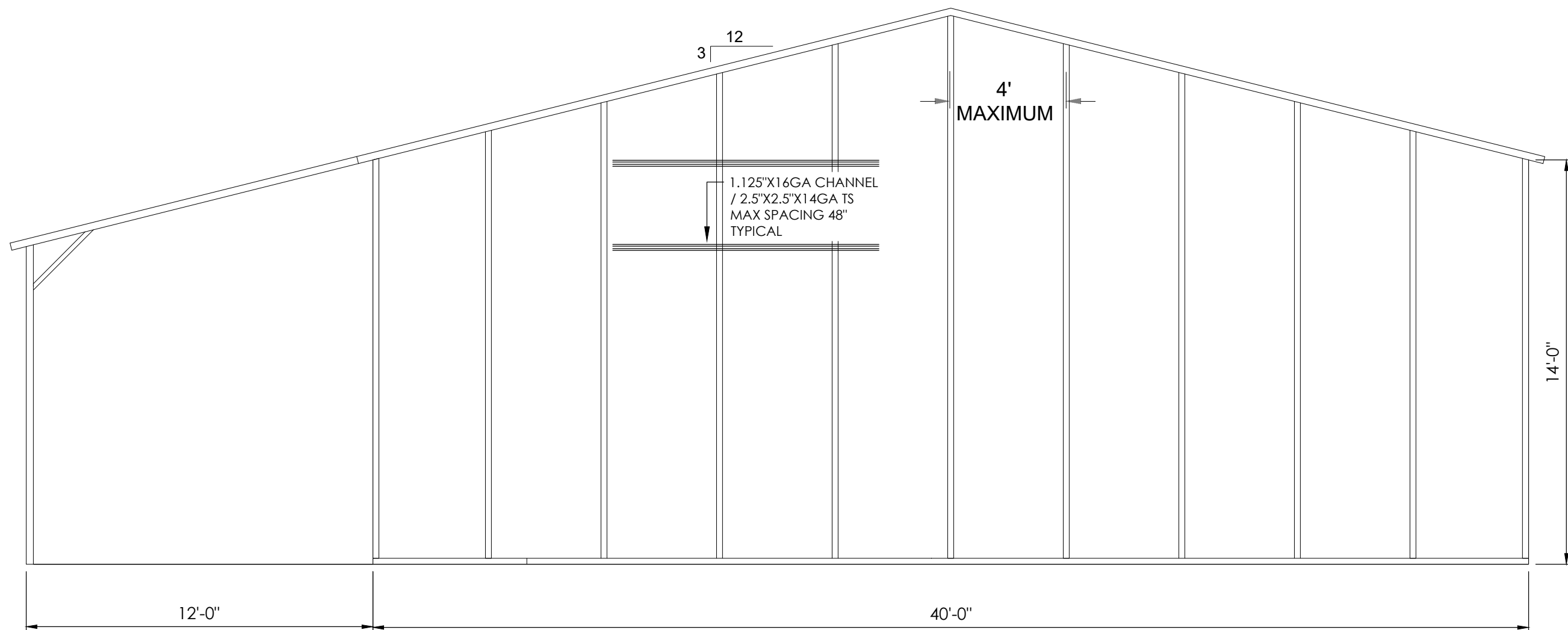
40'-0"

14'-0"

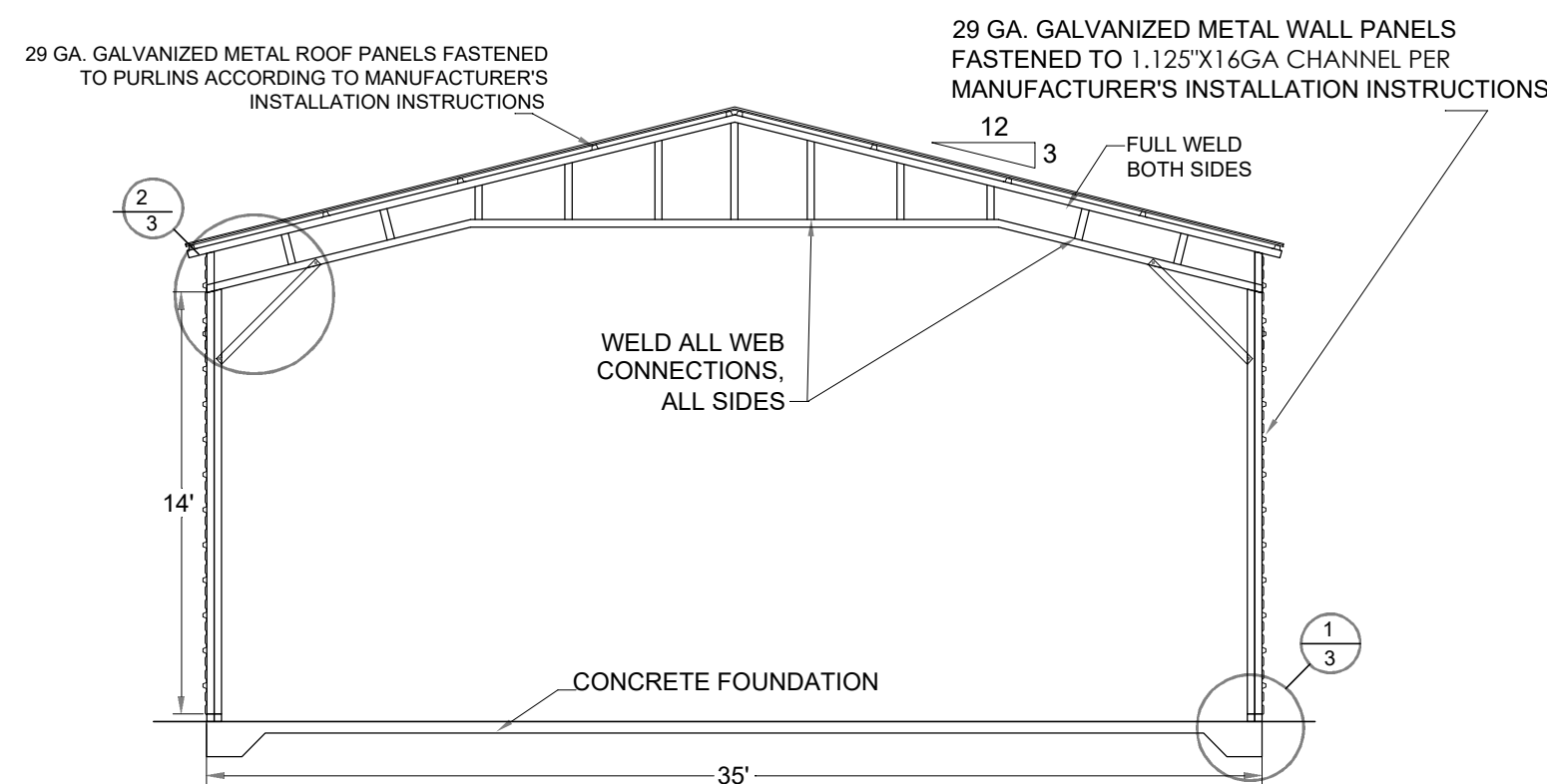
5'-4"

12'-0"

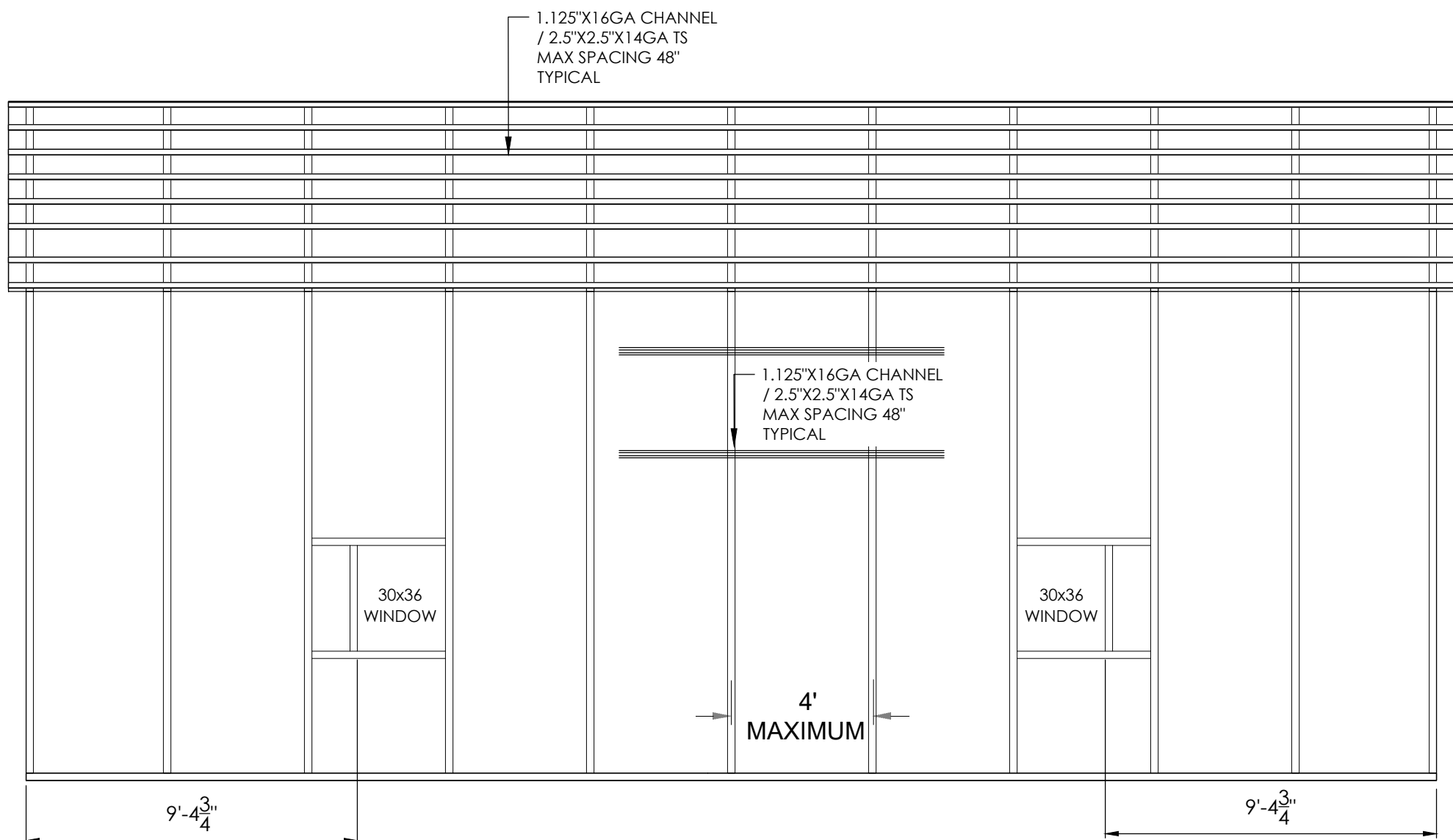
SCALE: 1/4" = 1'



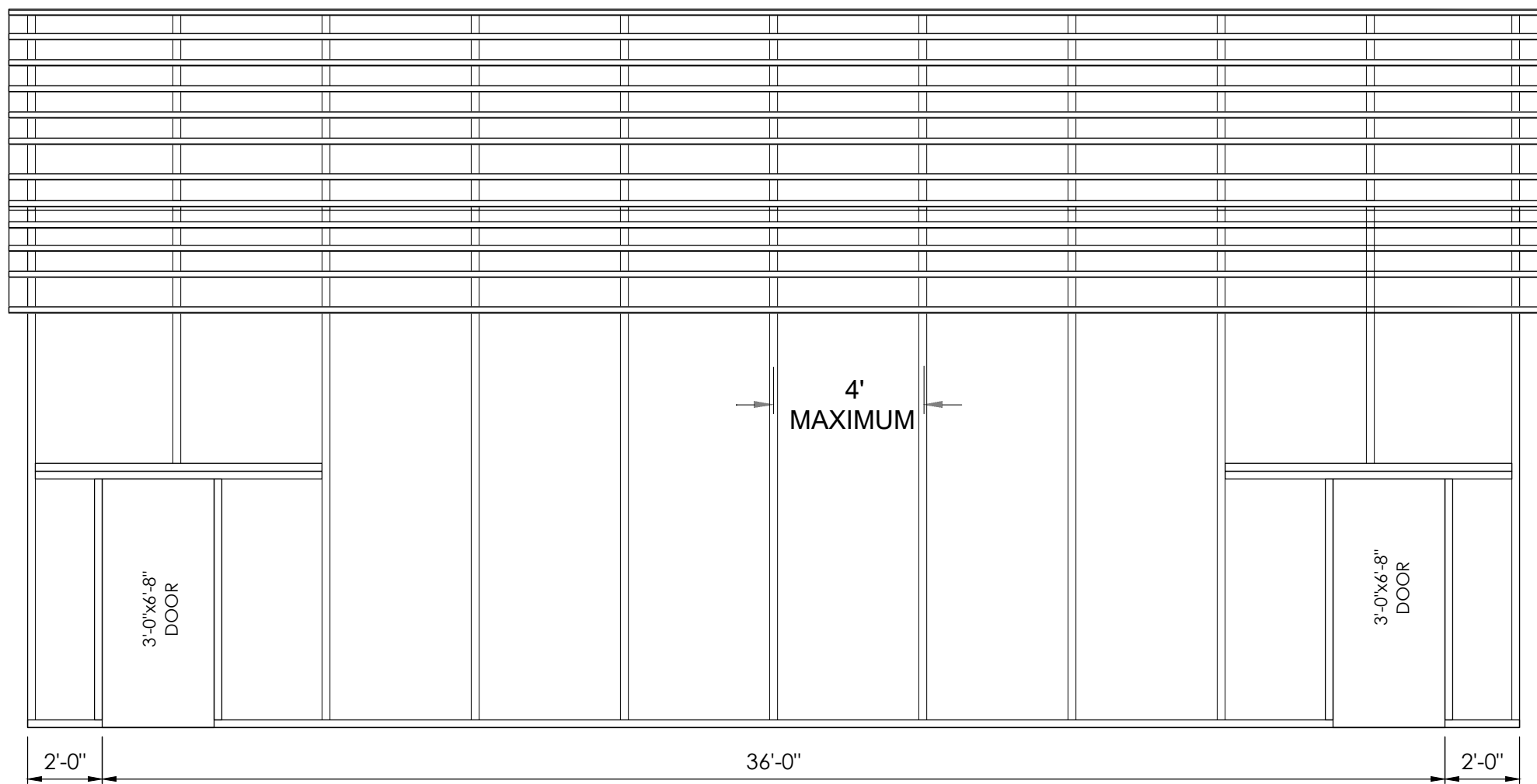
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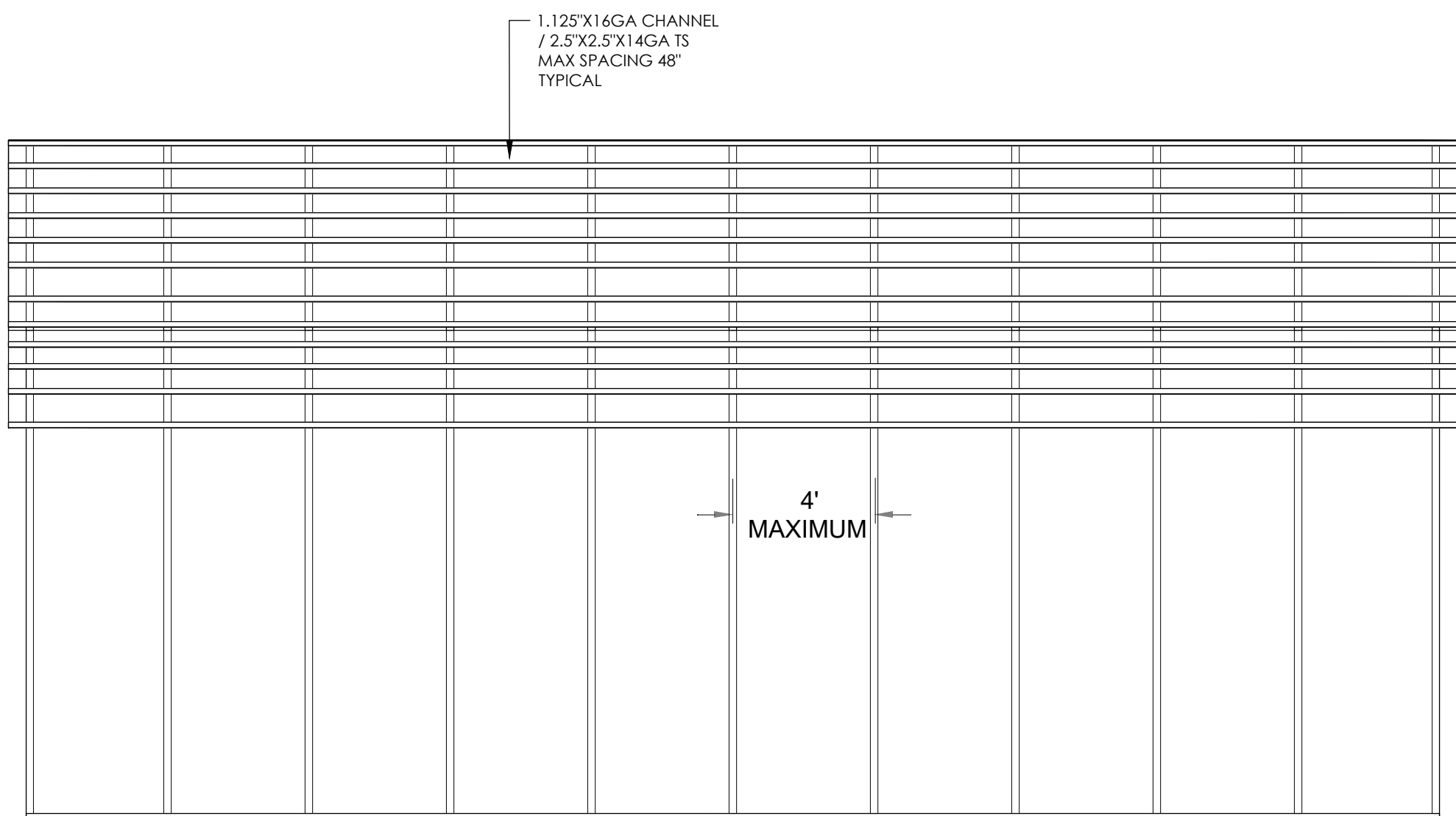
TYPICAL INTERIOR POST/RAFTER FRAMING SECTION



SCALE: 1/4" = 1'



SCALE: 1/4" = 1'



SCALE: 1/4" = 1'

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WRITTEN CONSENT FROM RAO DESIGNS LLC.

REVISIONS

DATE:

 $\hat{x}$
$$\triangle 2x$$
 $\triangle 3 \times$
$$\frac{4}{x}$$
DRAWN
A.D.CHECK BY
INJ

DATE _____

514

03-07

26-08

$$1/4'' = 1'-0''$$

PARCEL ID 06-6S-17-09613-003 (35290)

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2

INSTALL 1/2" x MINIMUM 5" TAPCON REDHEAD LDT ANCHOR THROUGH BASE RAIL WITHIN 6" OF EACH RAFTER POSTS ALONG SIDES AND EVERY END WALL POST ALONG END WALL SECTIONS

4" MINIMUM

1 3/4" MINIMUM

MINIMUM 2-1/2" EMBEDMENT

16"

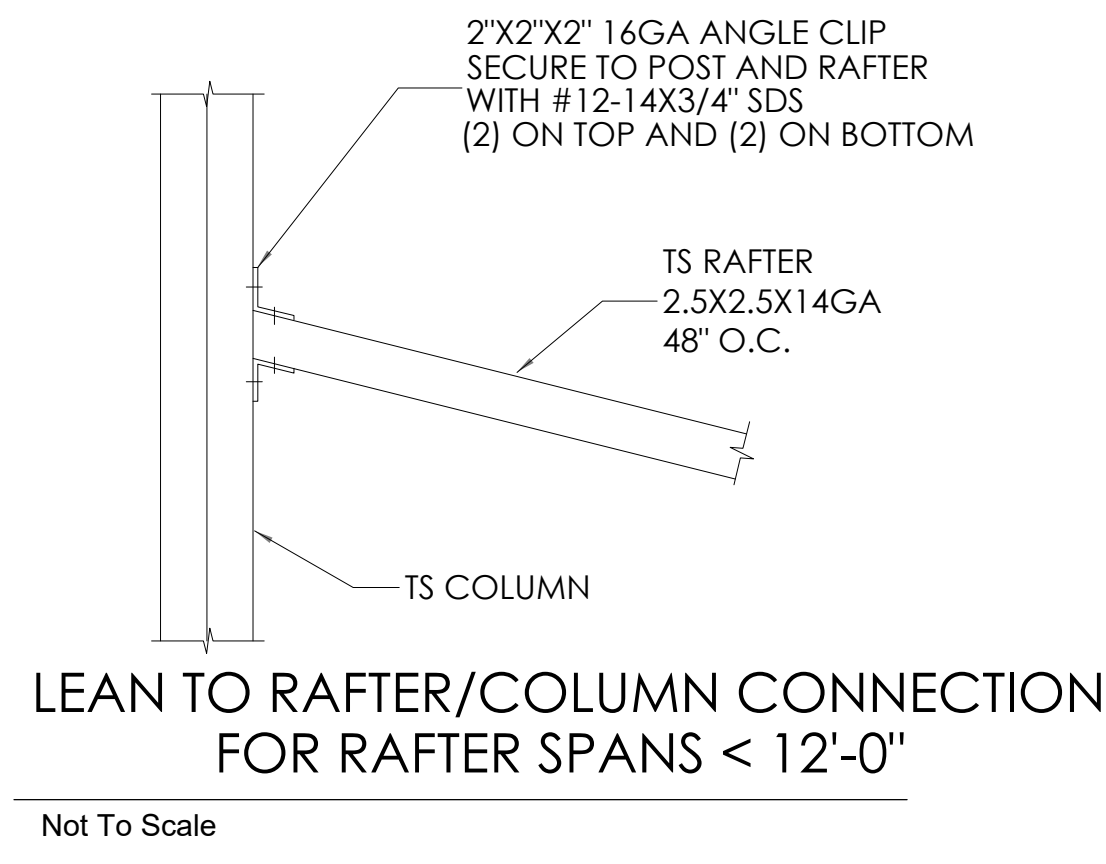
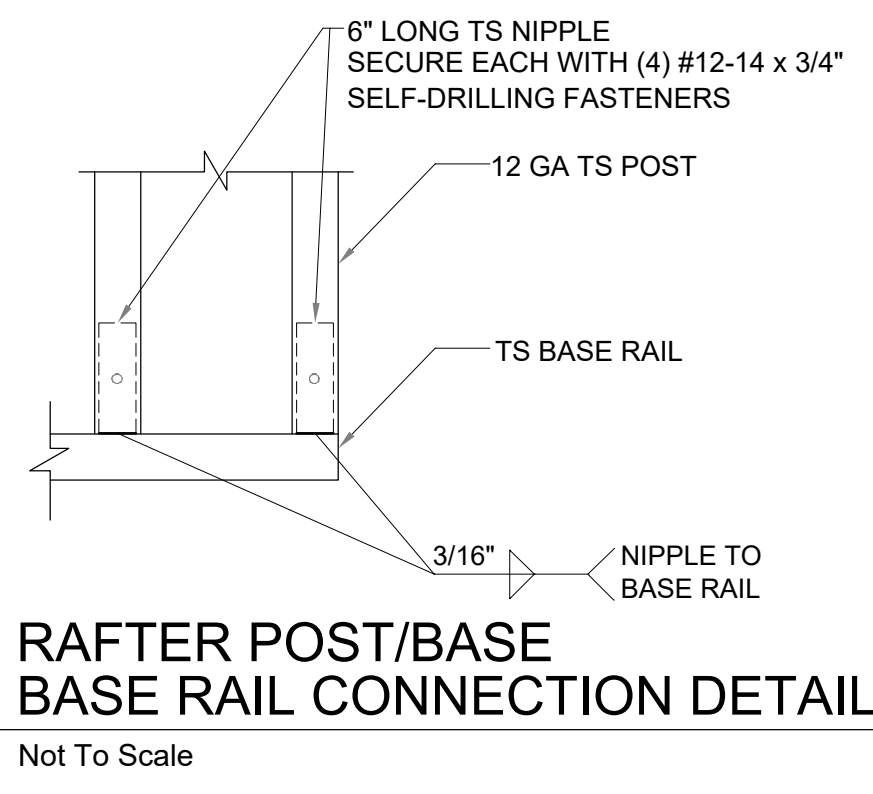
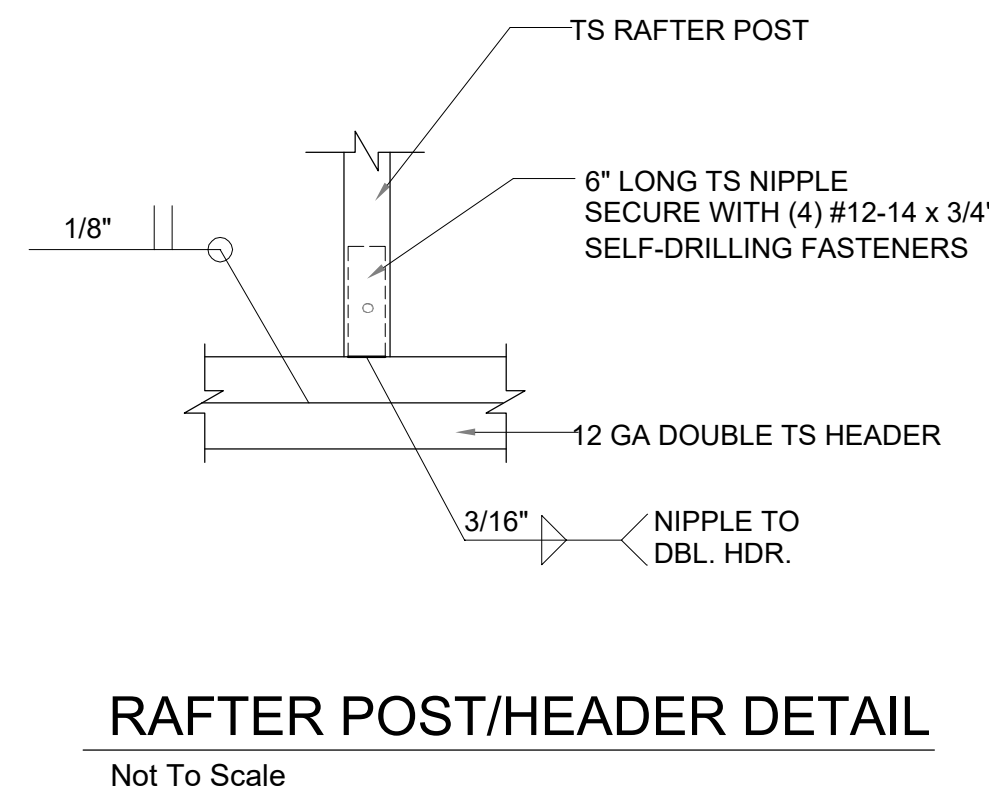
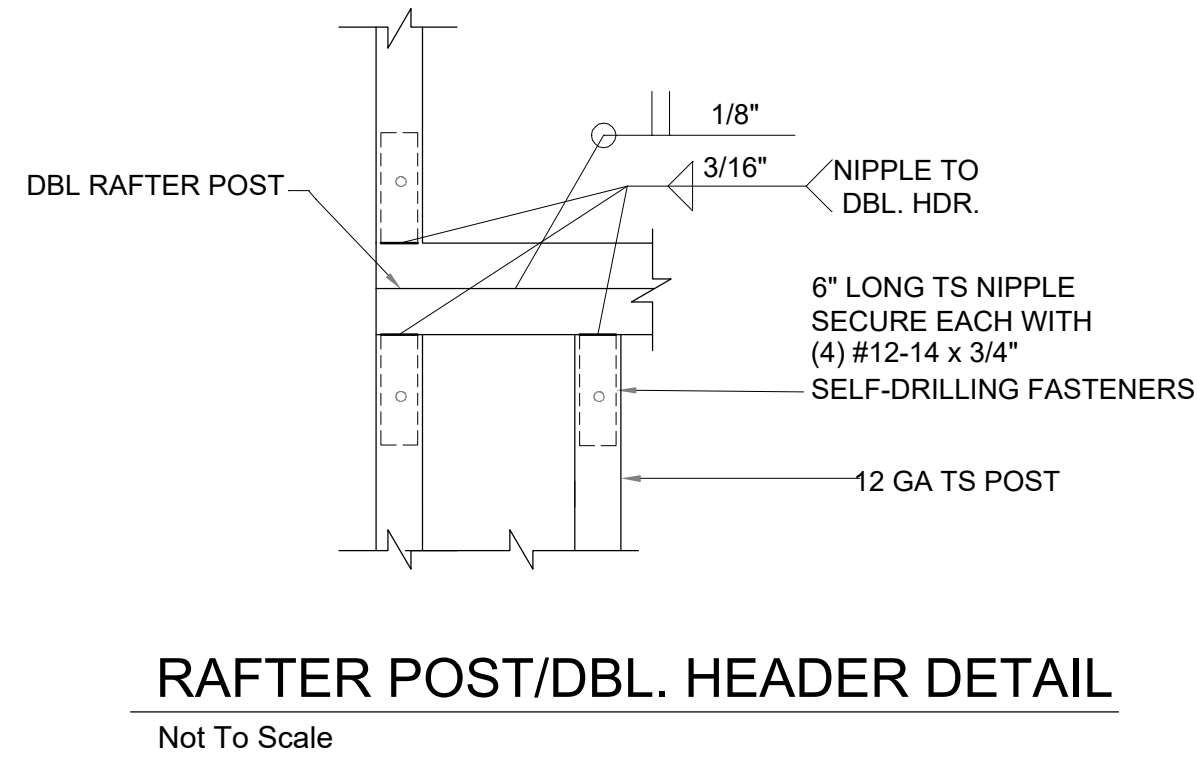
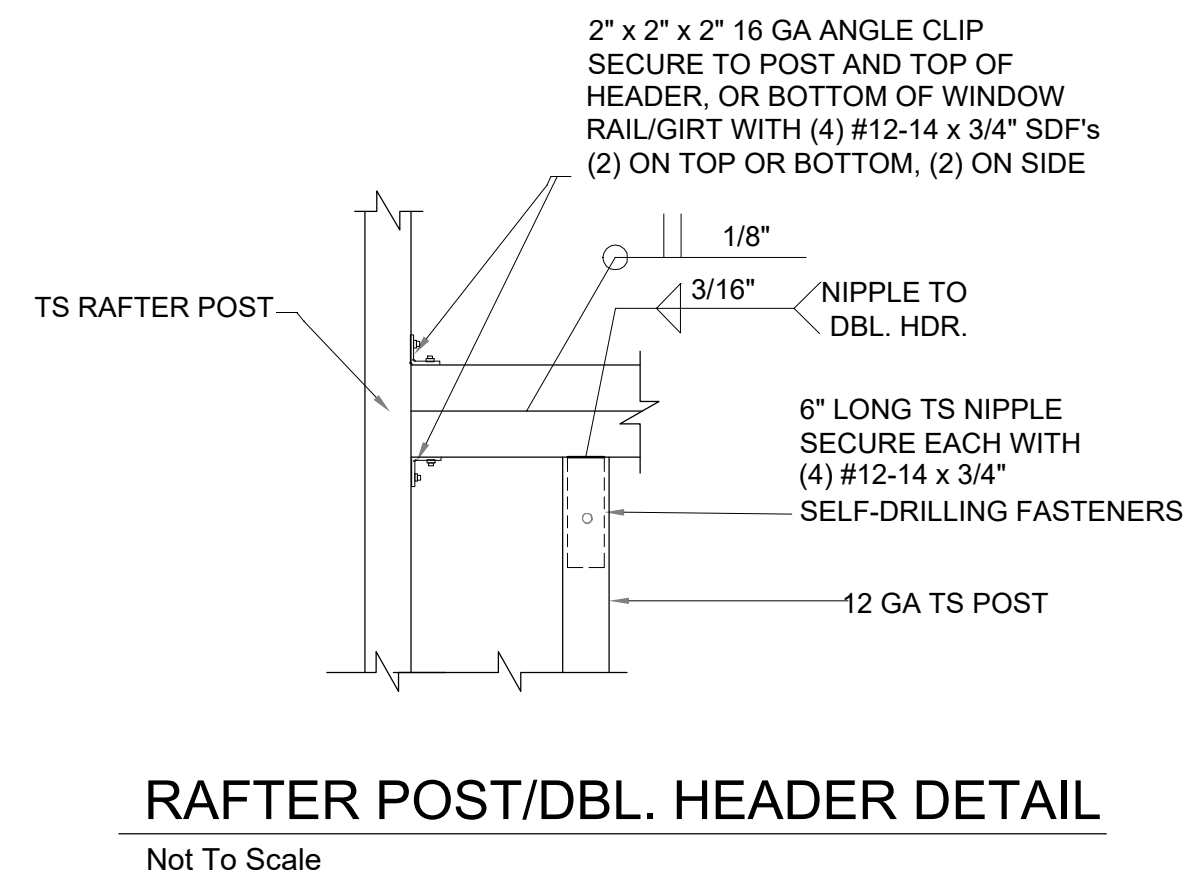
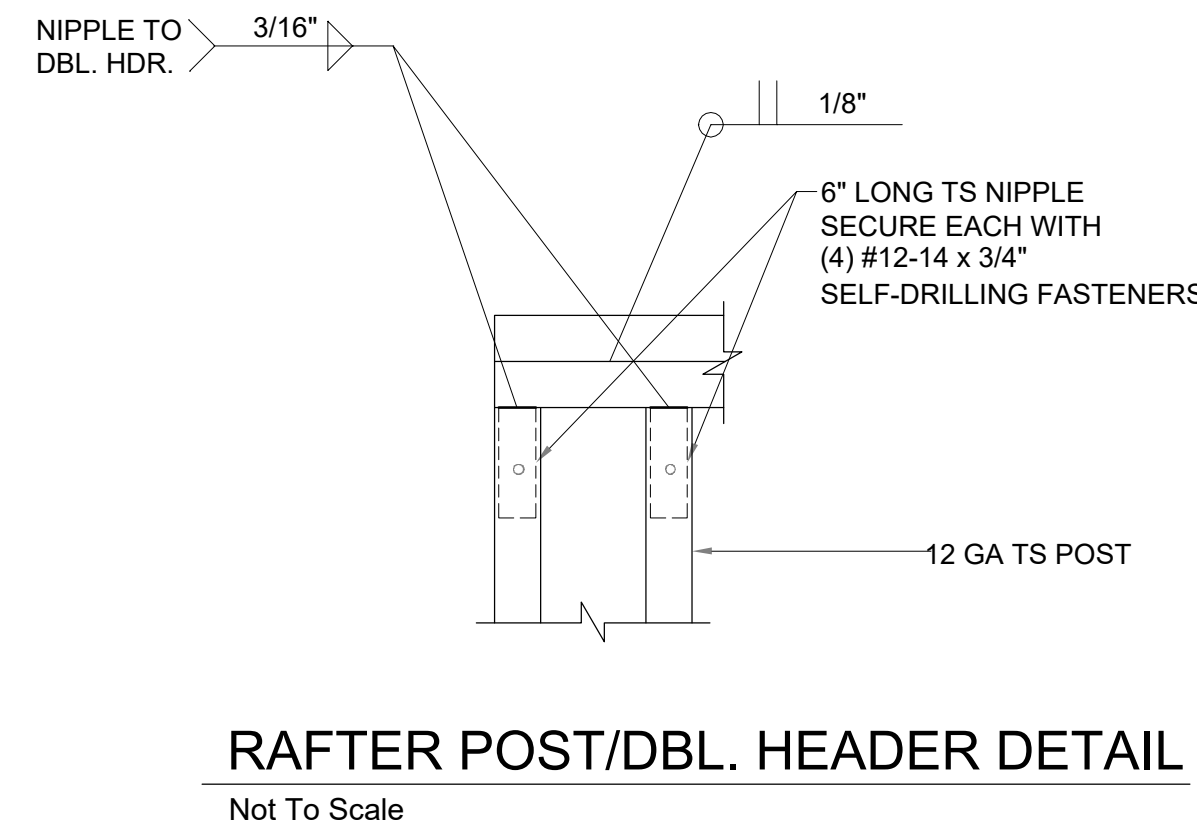
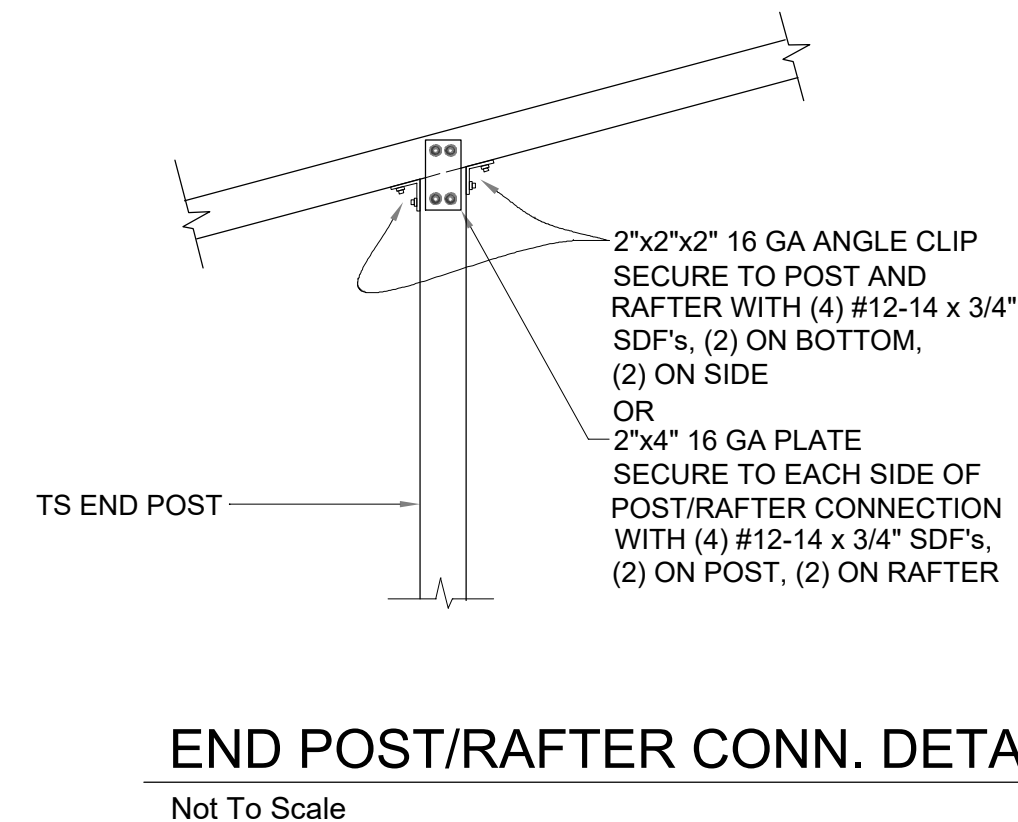
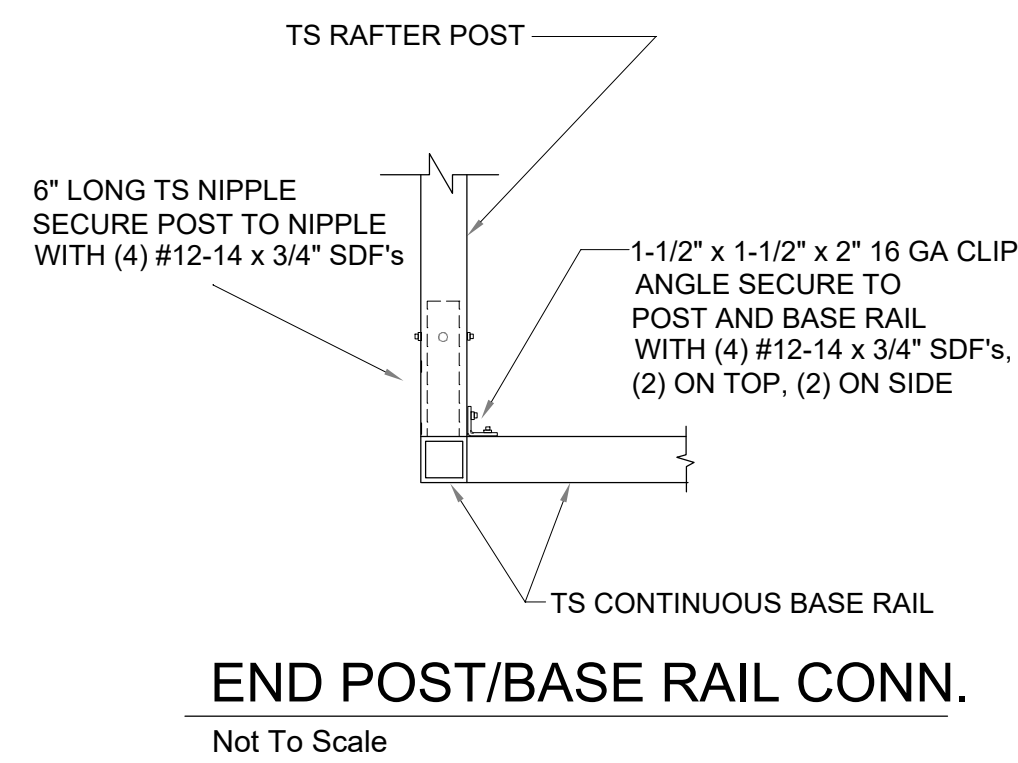
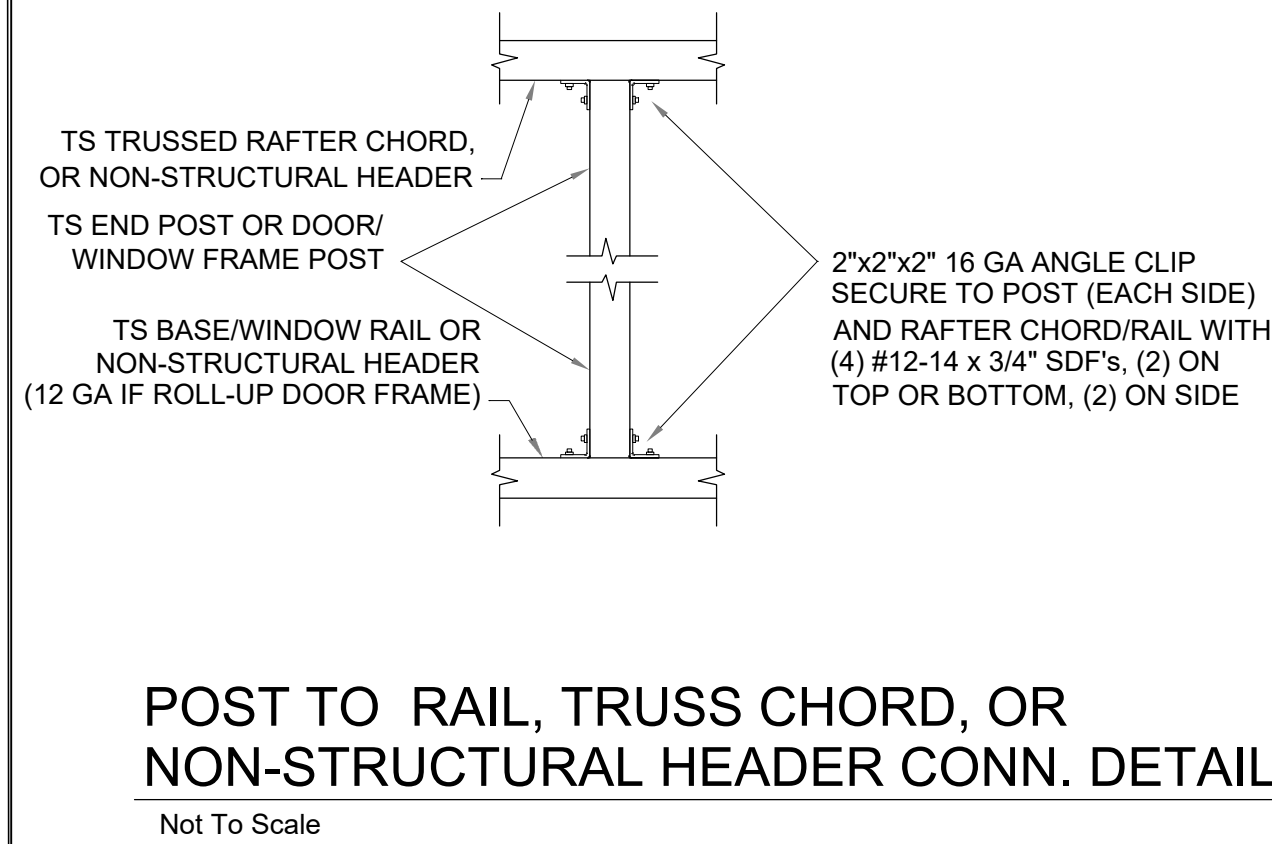
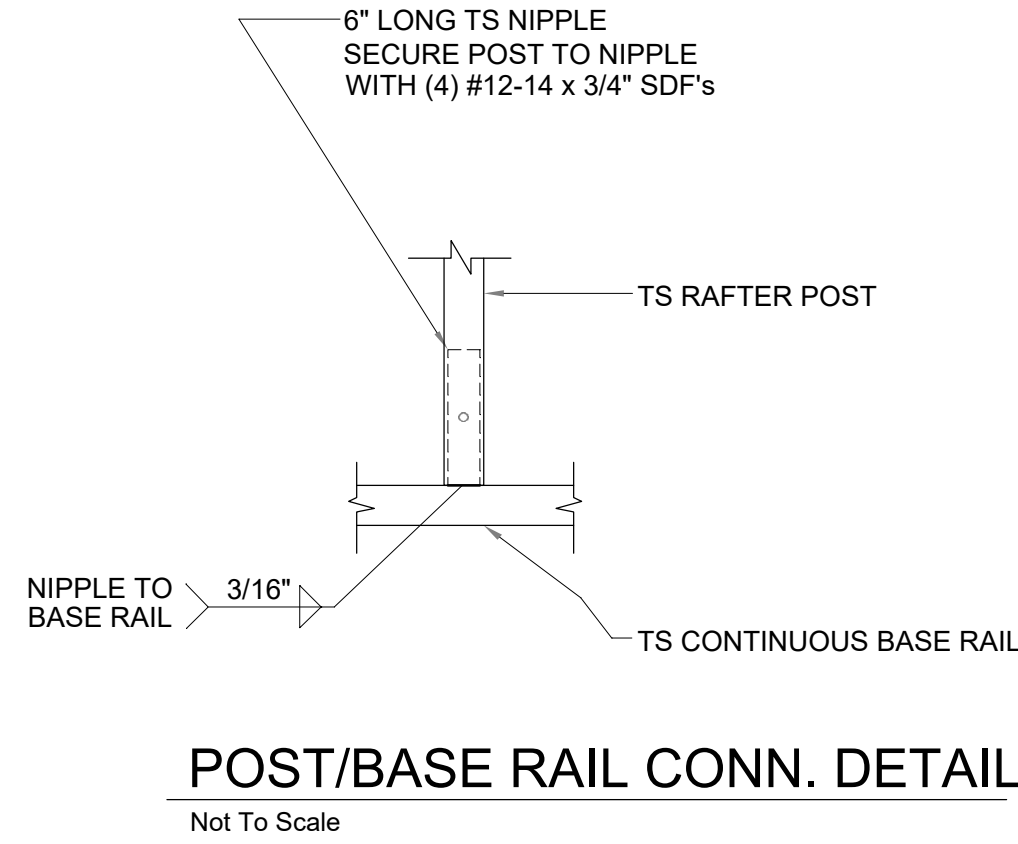
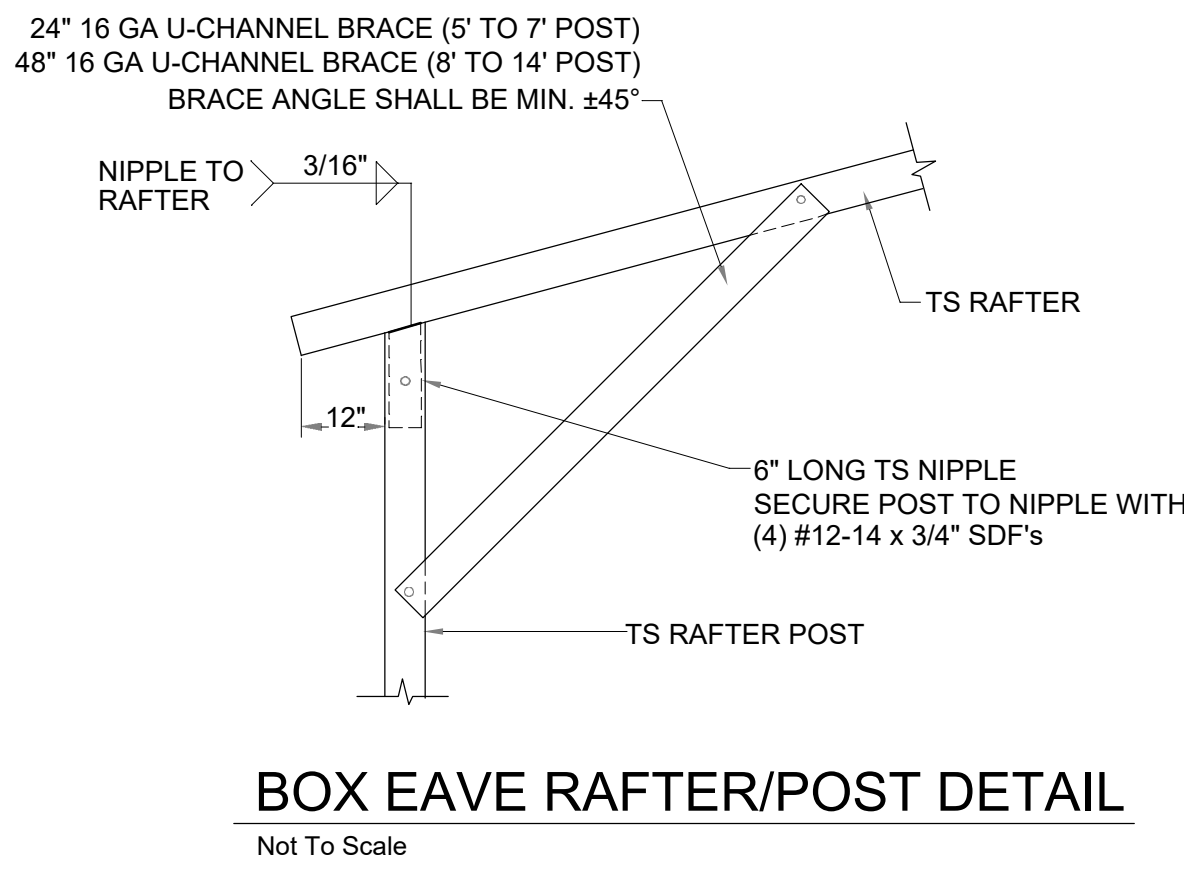
12" MIN BELOW GRADE

12"

MONOLITHIC CONC. FOOTING (2500 PSI MIN.)
REINFORCED WITH 2 #5s CONTINUOUS
(SEE PAGE 1, NOTE #12)

CONCRETE BASE RAIL ANCHORAGE

Not To Scale



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REVISIONS:	DATE:
① X	
② X	
③ X	
④ X	
DRAWN AR	CHECK BY JN
DATE 03-07-26	FILE 26-081

1/4" = 1'-0"

PARCEL ID 06-6S-17-09613-003 (35290)

TUE. 3-24-2026 8:36 AM
PLOTTED BY: ANTON

3