

# DRAWING INDEX

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MASTER SET



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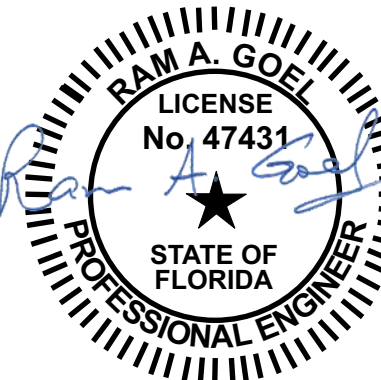
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DRAWING INDEX

ELITE METAL MANUFACTURING,LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

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INSTALLATION NOTES AND SPECIFICATIONS

1. DESIGN IS FOR MAXIMUM 32’-0”-60’-0” WIDE X 20’-0” EAVE HEIGHT ENCLOSED STORAGE STRUCTURES.
2. DESIGN WAS DONE IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION. 2018 NORTH CAROLINA BUILDING CODE. 2006 INTERNATIONAL BUILDING CODE (IBC), 2009 IBC, 2012 IBC AND 2015 IBC.
3. DESIGN LOADS ARE AS FOLLOWS.

A) DEAD LOAD = 15 PSF

B) LIVE LOAD = 20 PSF

C) GROUND SNOW LOAD = 35 PSF
4. ULTIMATE WIND SPEED 105 TO 155 MPH (NOMINAL WIND SPEED 81 TO 120 MPH)
5. MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 50 FEET (UNLESS NOTES OTHERWISE).
6. END WALL COLUMN (POSTS) ARE SIMILAR TO SIDE WALL POSTS. UNLESS NOTED OTHERWISE
7. LOW HAZARD RISK CATEGORY I/II
8. WIND EXPOSURE CATEGORY B/C
9. SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2” X 2 1/2” – 14 GAUGE STEEL TUBE FRAMING MEMBERS (UNLESS NOTED OTHERWISE).
10. AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS , AND POSTS (INTERIOR OR END) = 8 INCHES.
11. FASTENERS CONSIST OF 1/4” X 3/4” SELF- DRILLING FASTENERS . WITH CONTROL SEAL WASHER  
SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 14’ (3:12 PITCH)  
SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY.
12. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:

SOIL SITE CLASS = D

RISK CATEGORY I/II/III

R= 3.25 |  $I_E$  = 1.0

$S_{DS}$  = 2.0369 |  $V$  =  $C_sW$

$S_{D1}$  = 1.258
13. WINDOW AND DOOR PRESSURES VALUES ARE APPLICABLE TO THE STATE OF FLORIDA



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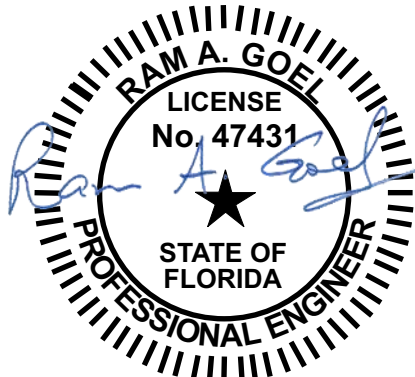
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INSTALLATION NOTES AND SPECIFICATIONS

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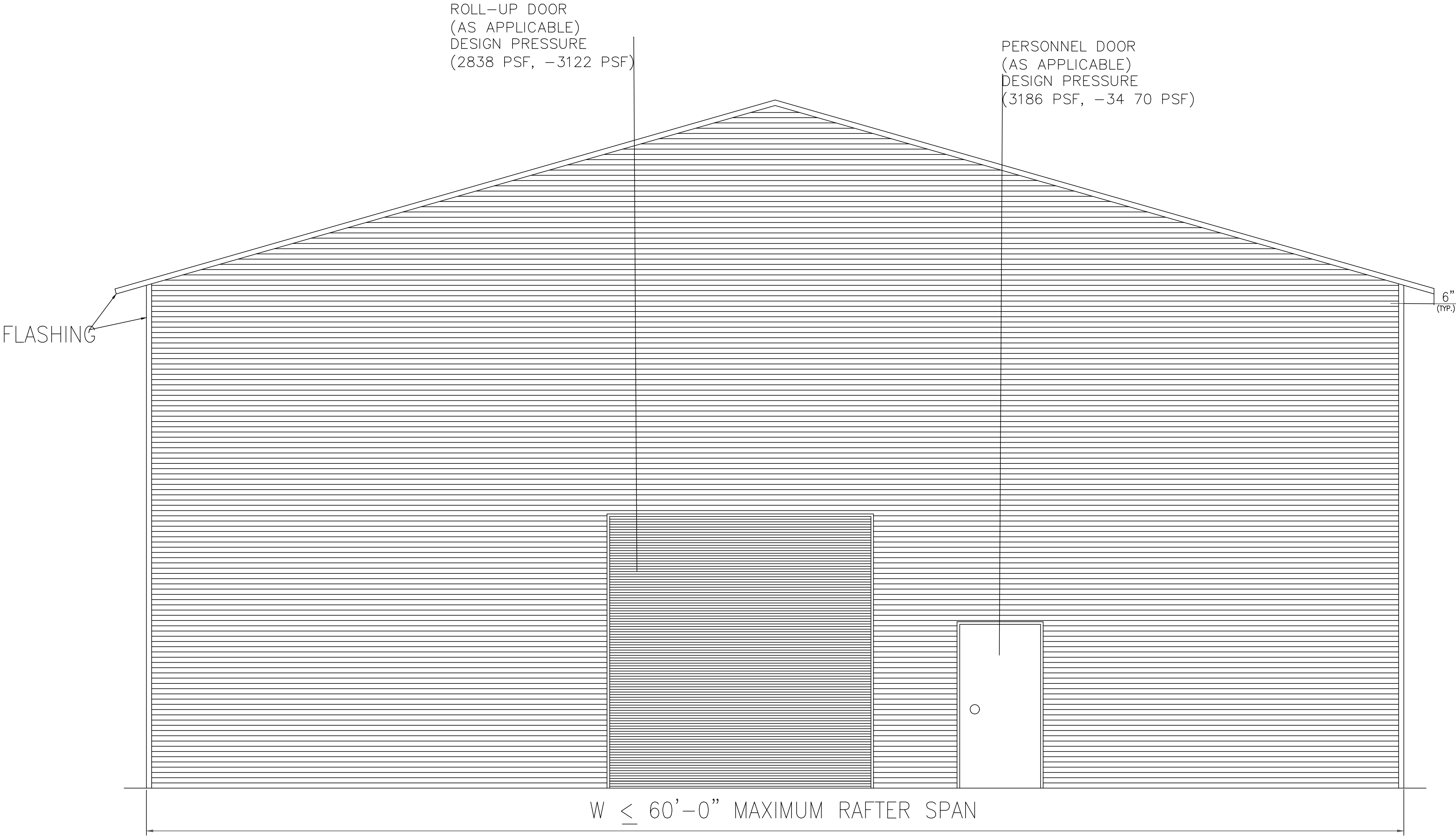


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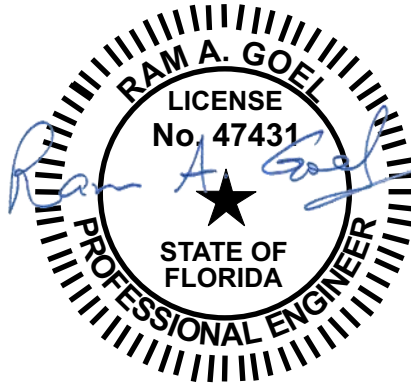
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TYPICAL END ELEVATION—HORIZONTAL ROOF  
SCALE: NTS



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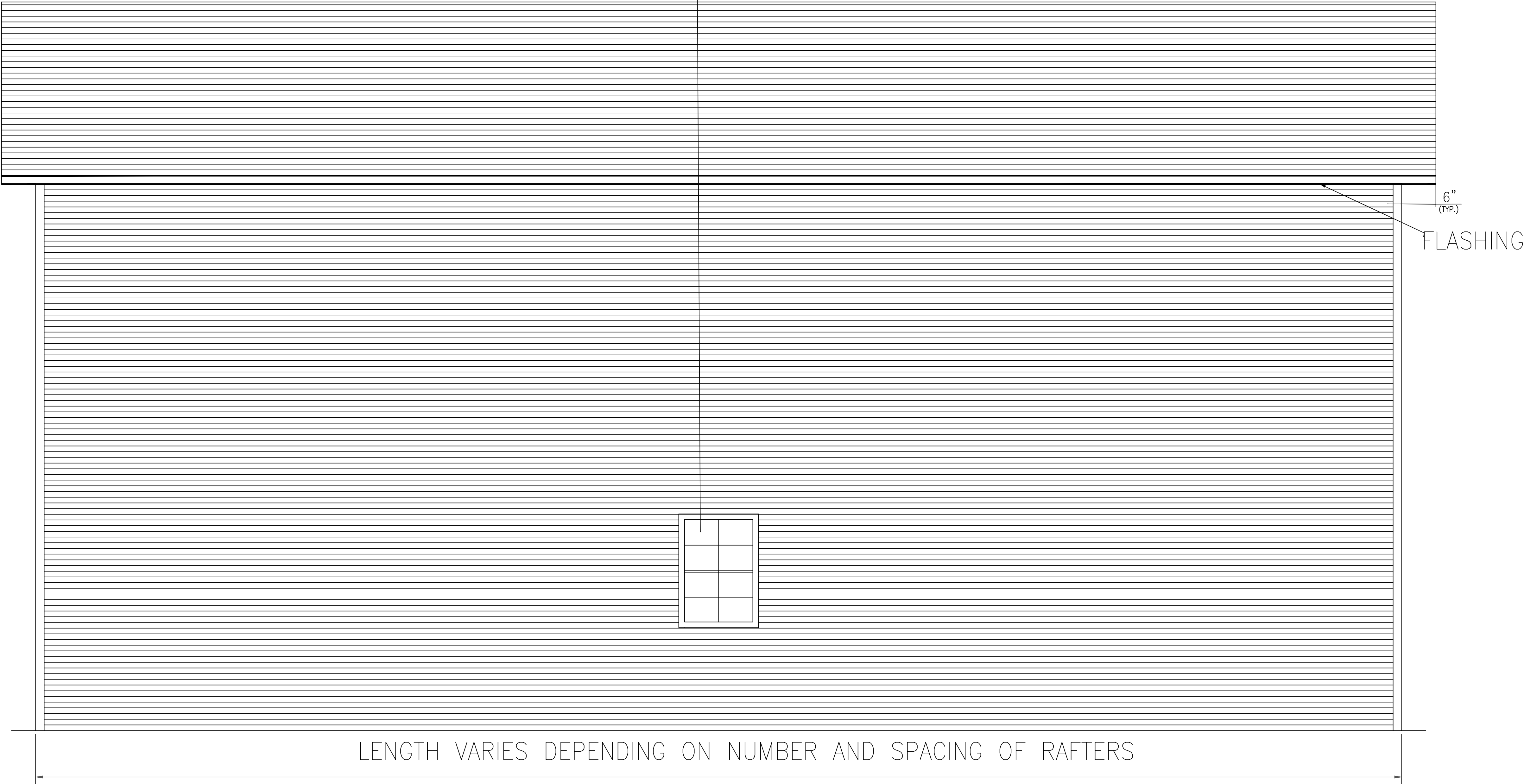
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TYPICAL END ELEVATION—HORIZONTAL ROOF

ELITE METAL MANUFACTURING,LLC  
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WINDOW (AS APPLICABLE)  
DESIGN PRESSURE  
(33.41 PSF,—3625 PSF)

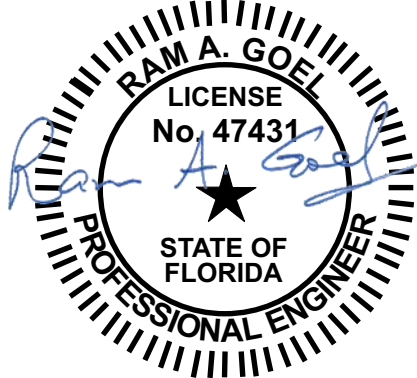


LENGTH VARIES DEPENDING ON NUMBER AND SPACING OF RAFTERS

TYPICAL END ELEVATION—HORIZONTAL ROOF

SCALE: NTS

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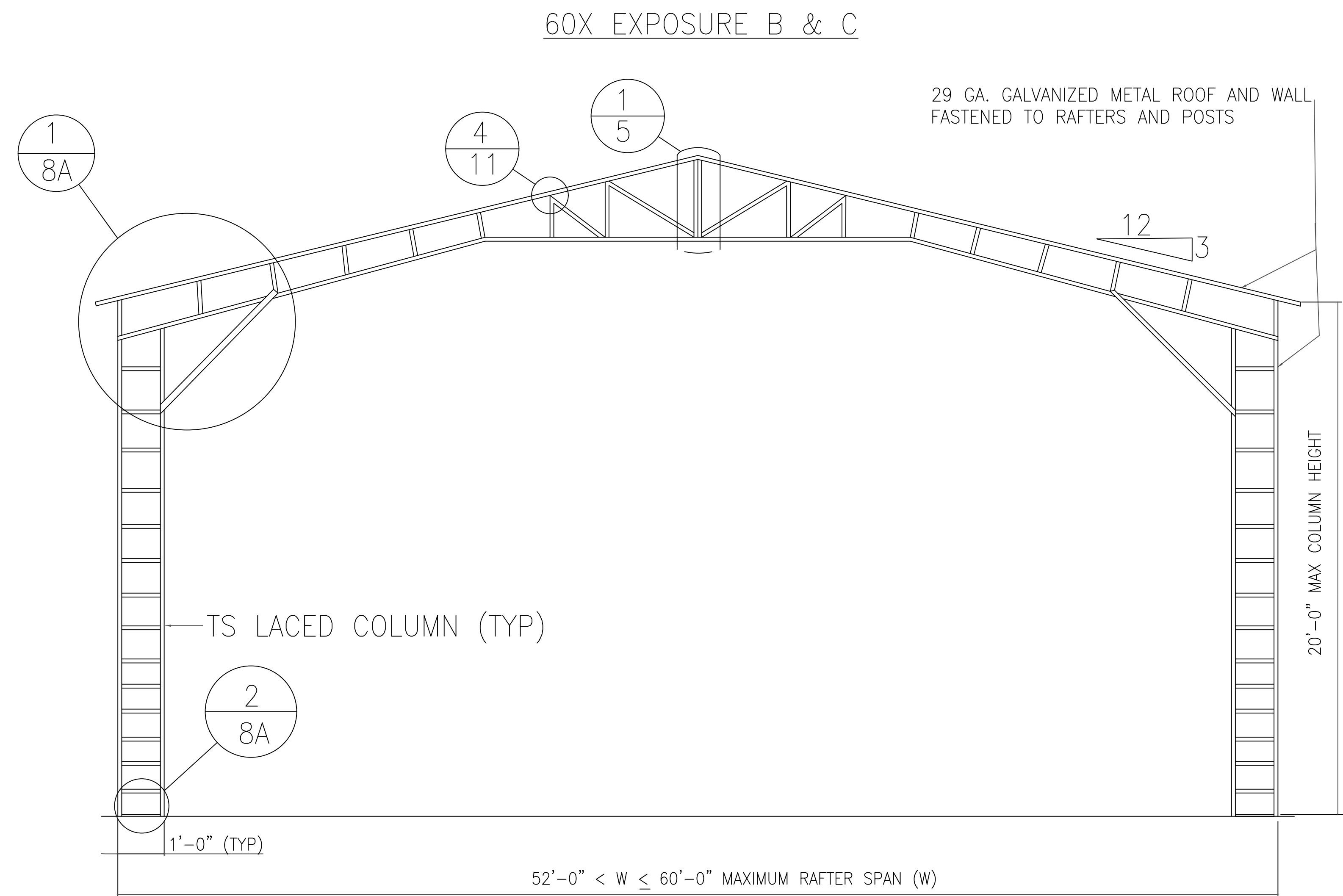
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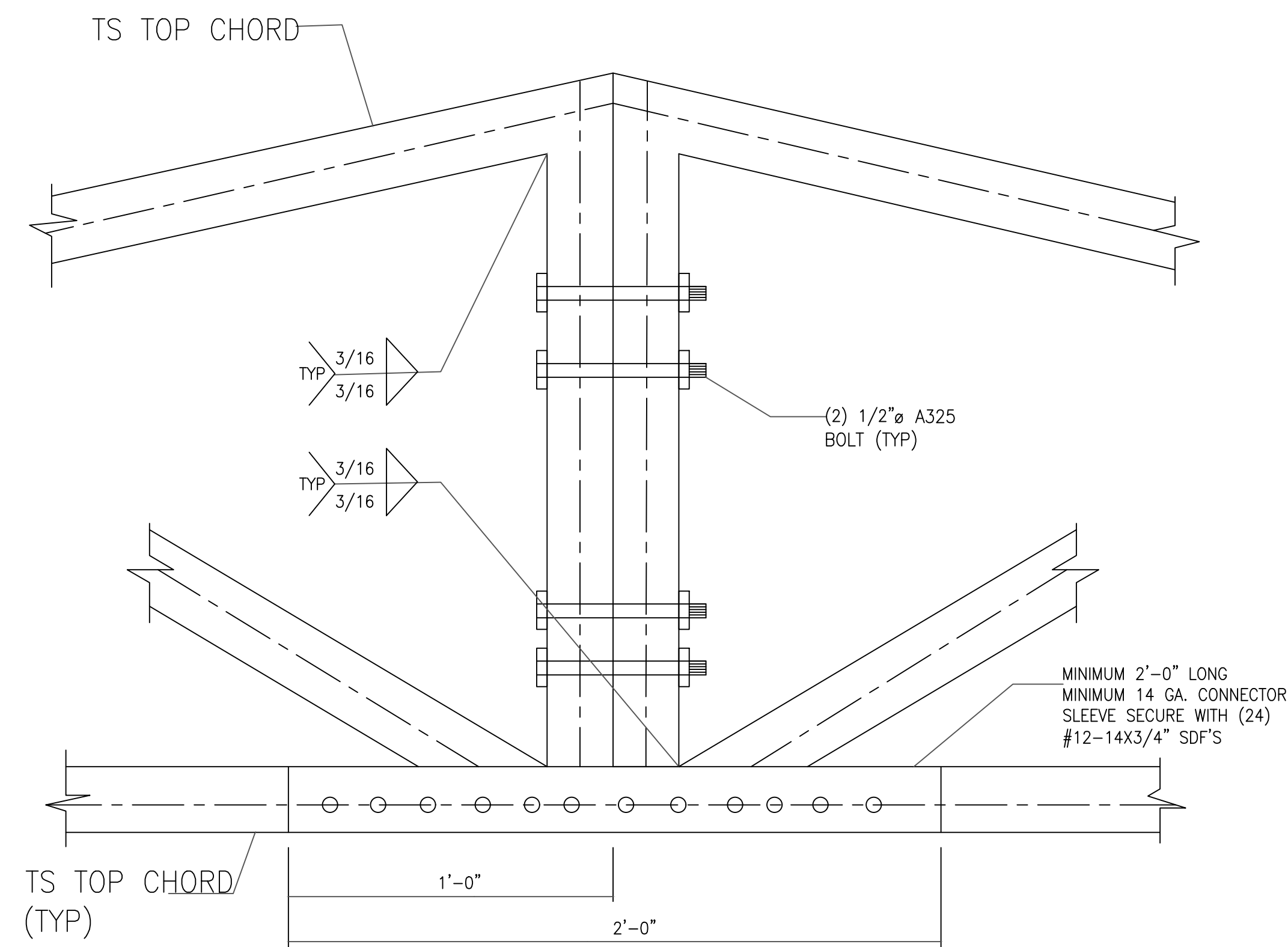
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TYPICAL END ELEVATION—HORIZONTAL ROOF

ELITE METAL MANUFACTURING,LLC  
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TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



1 SPLICE CONNECTION DETAIL  
SCALE: NTS

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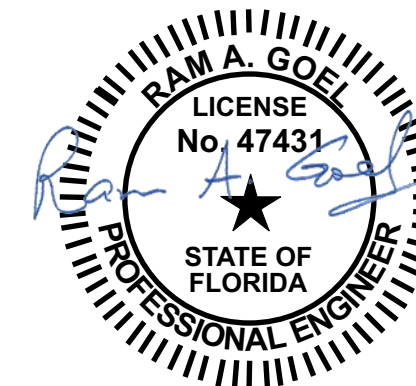
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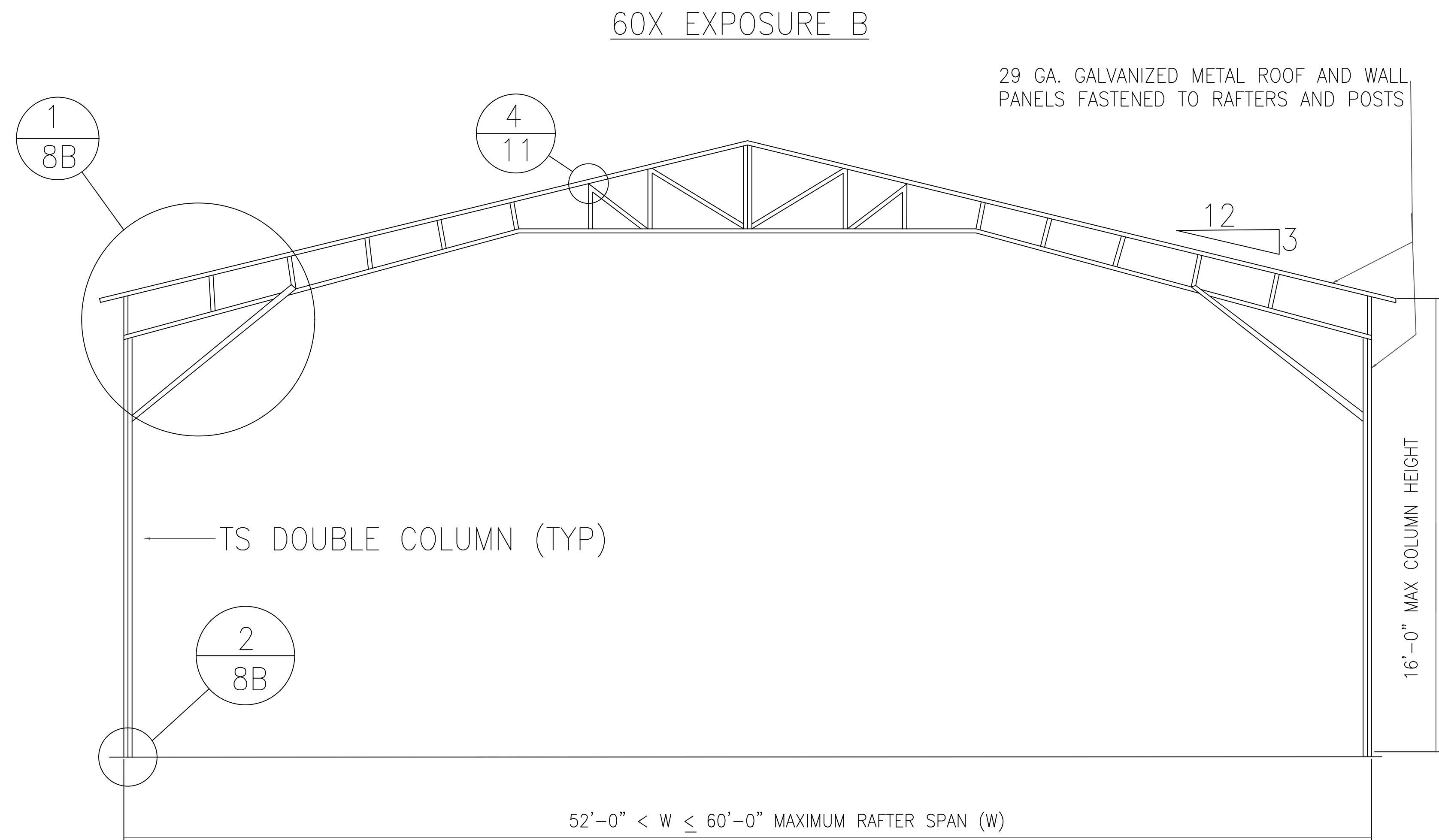
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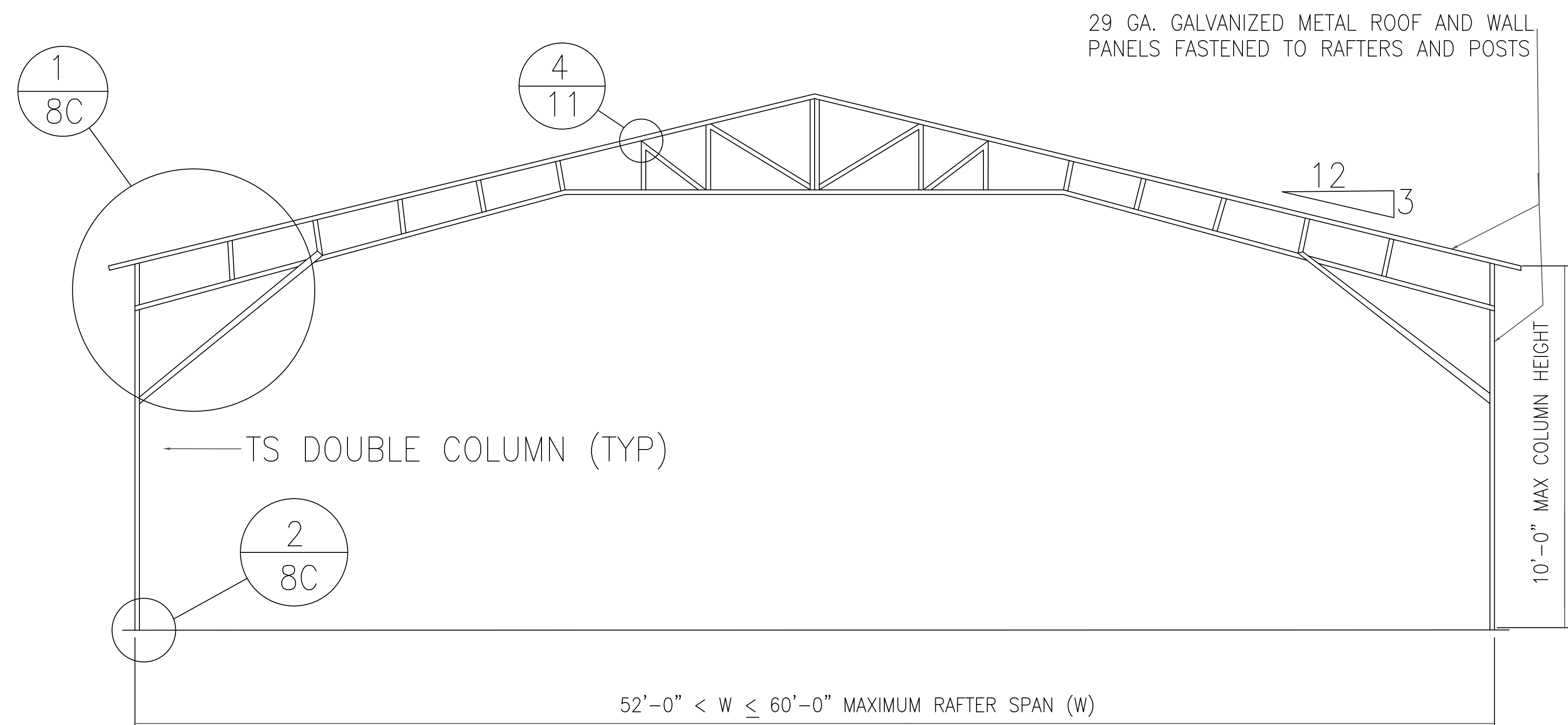
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LIVE OAK, FL 32060



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION  
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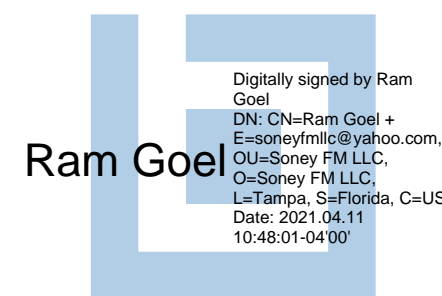


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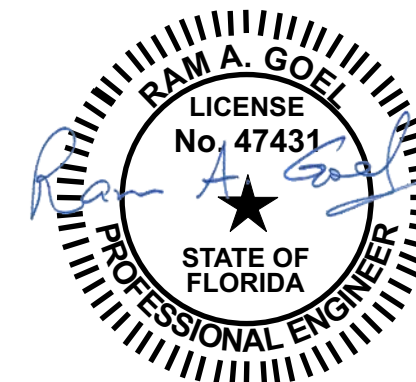
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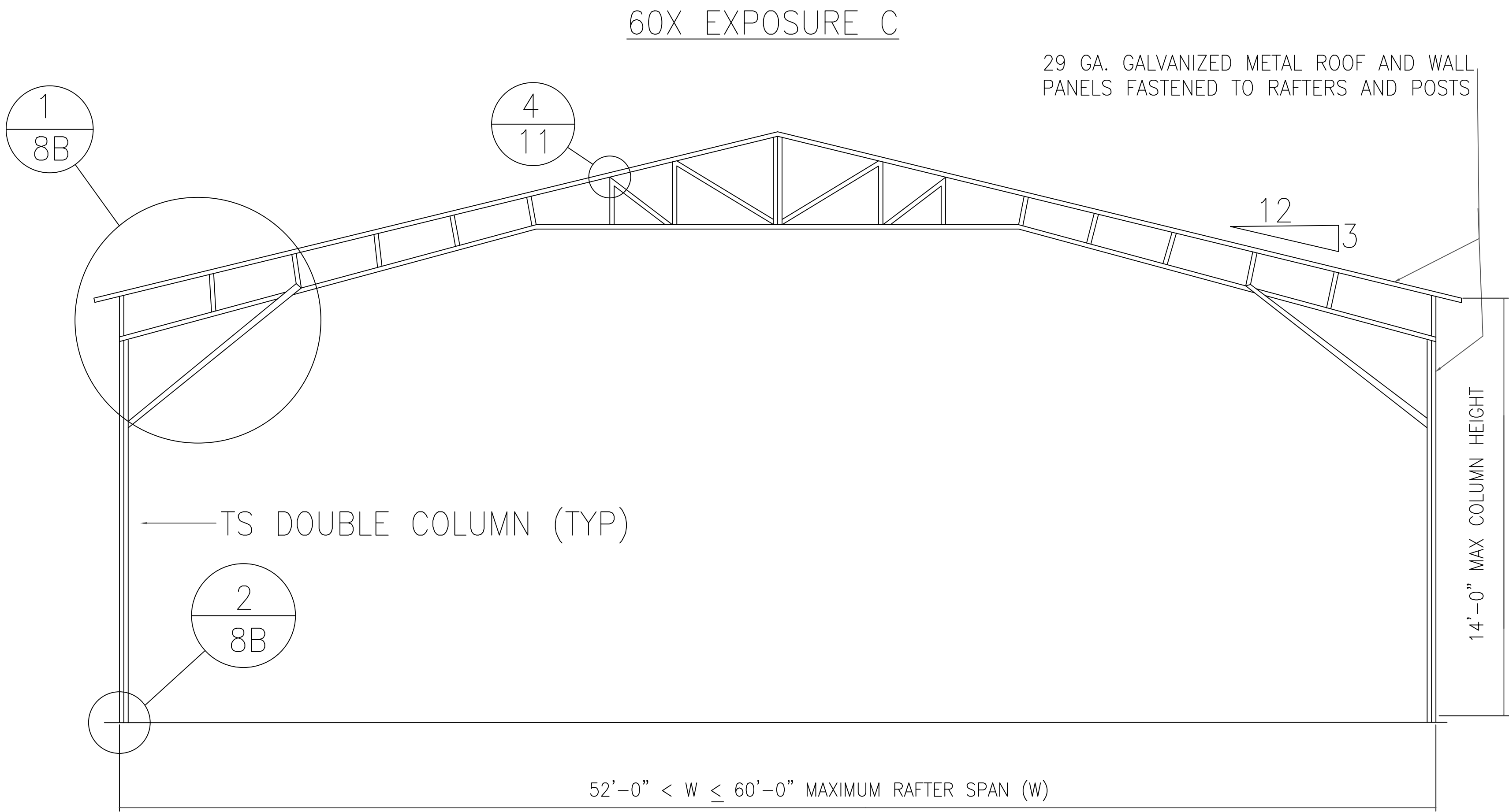
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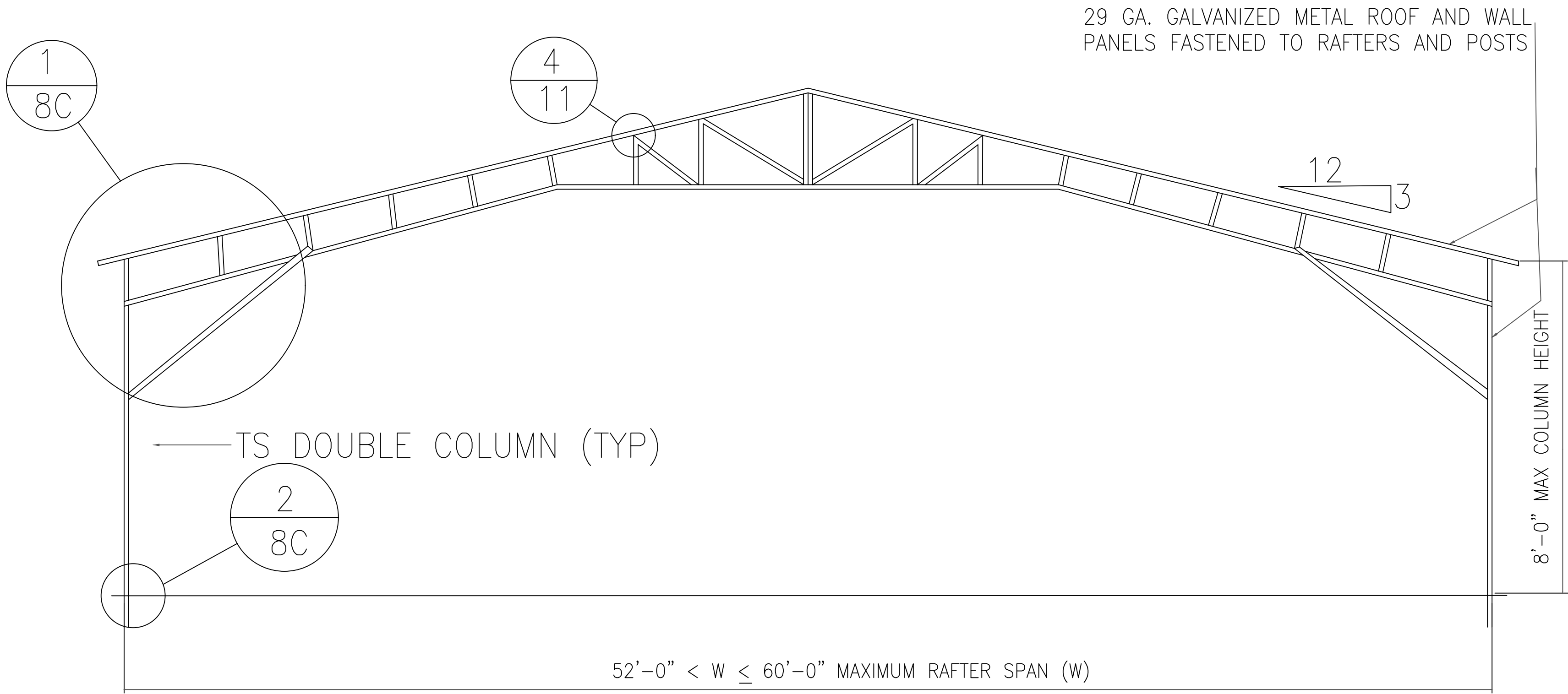
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TYPICAL RAFTER/COLUMN FRAME SECTION  
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TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



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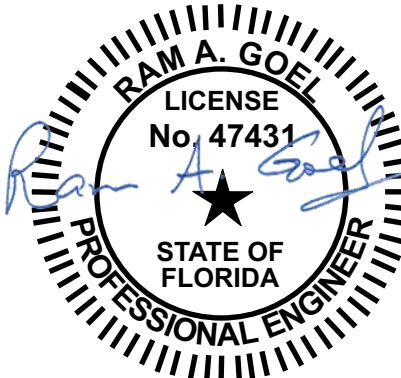
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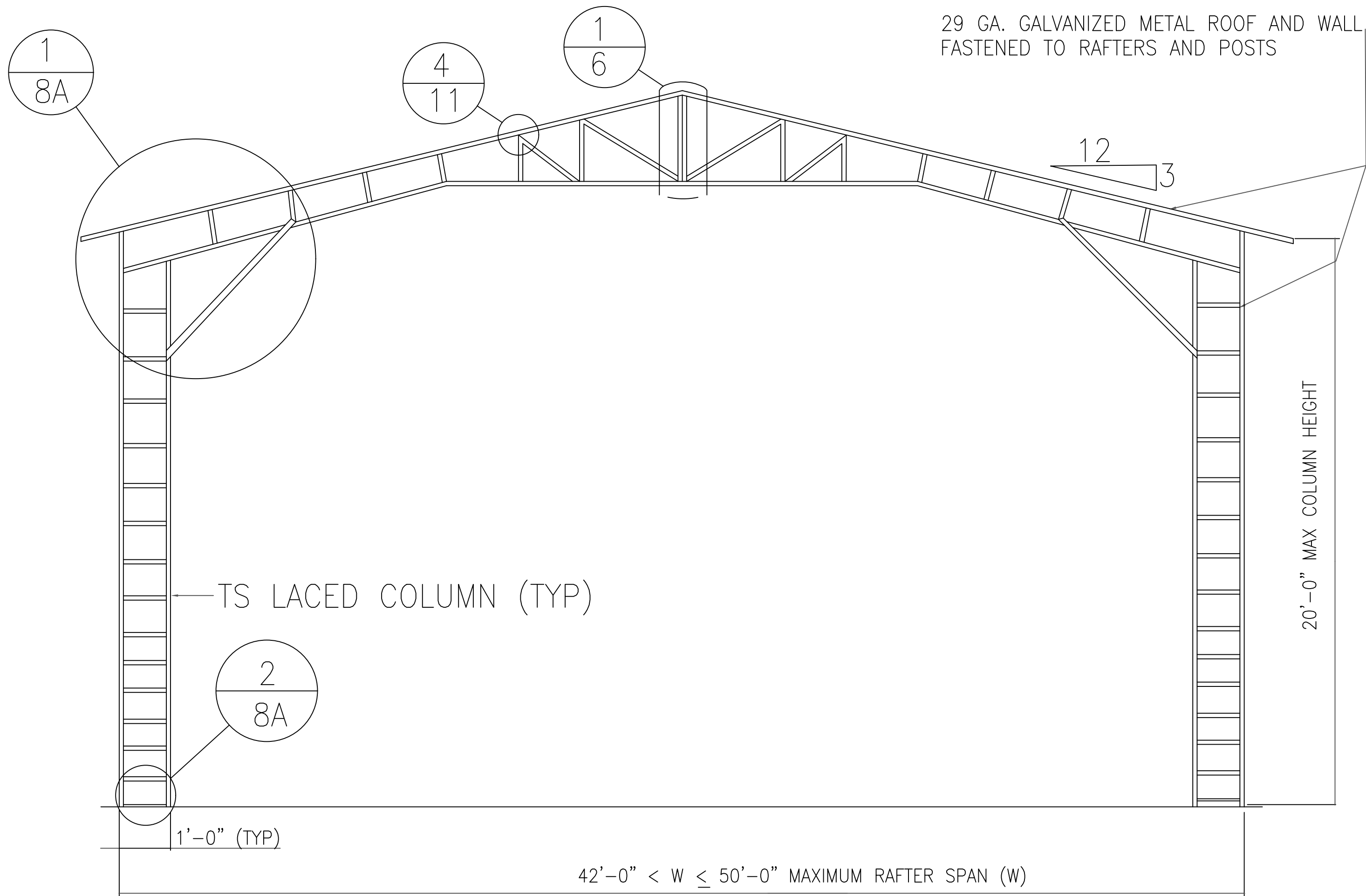
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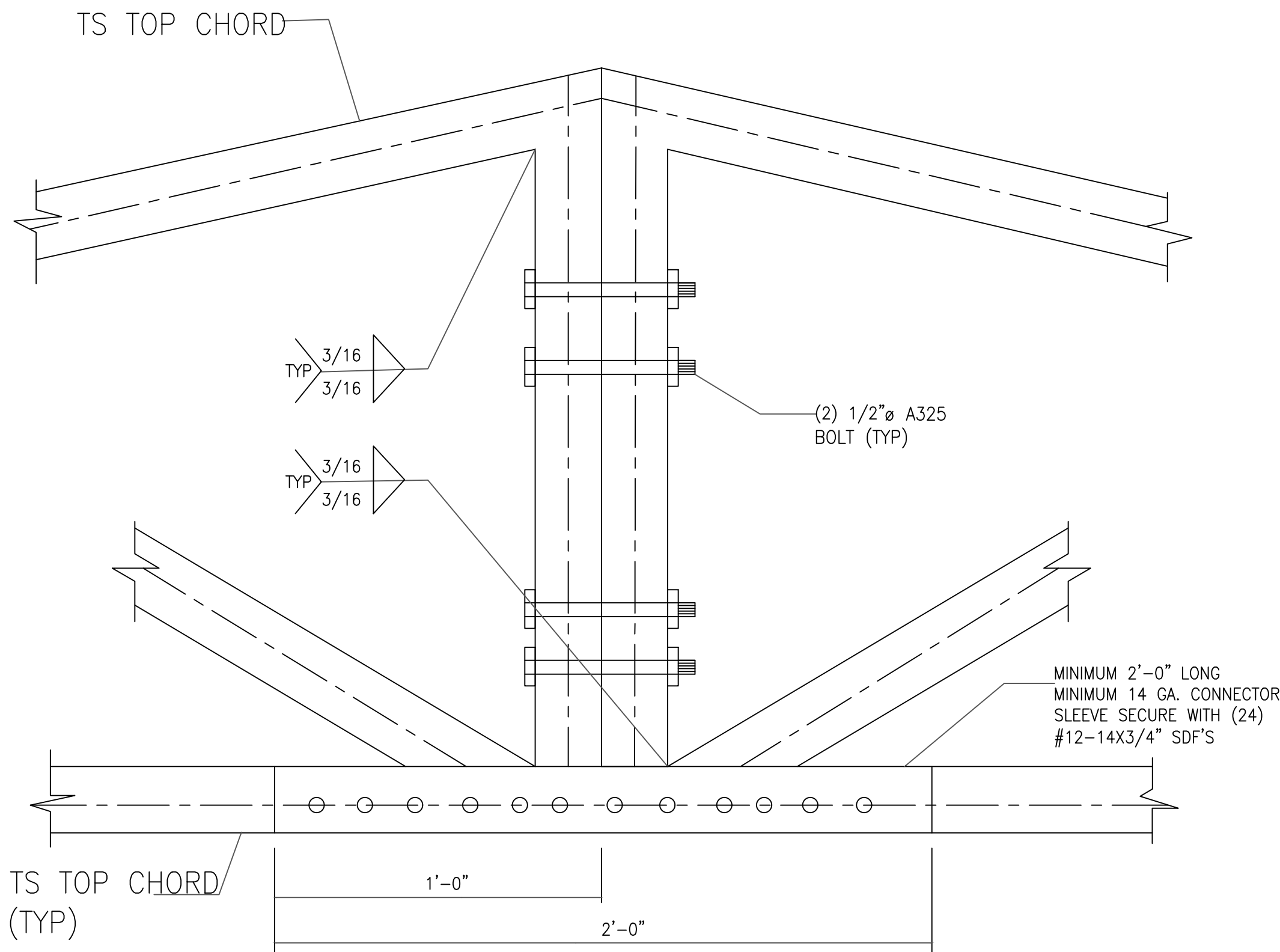
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50X EXPOSURE B & C



TYPICAL RAFTER/COLUMN FRAME SECTION

SCALE: NTS



1 SPLICE CONNECTION DETAIL

SCALE: NTS



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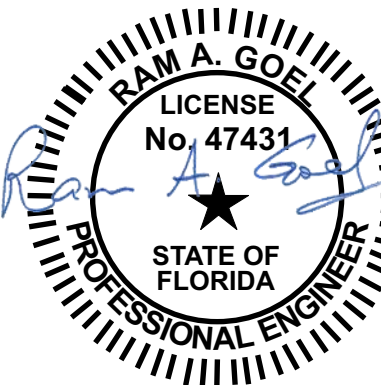
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50X EXPOSURE B&C

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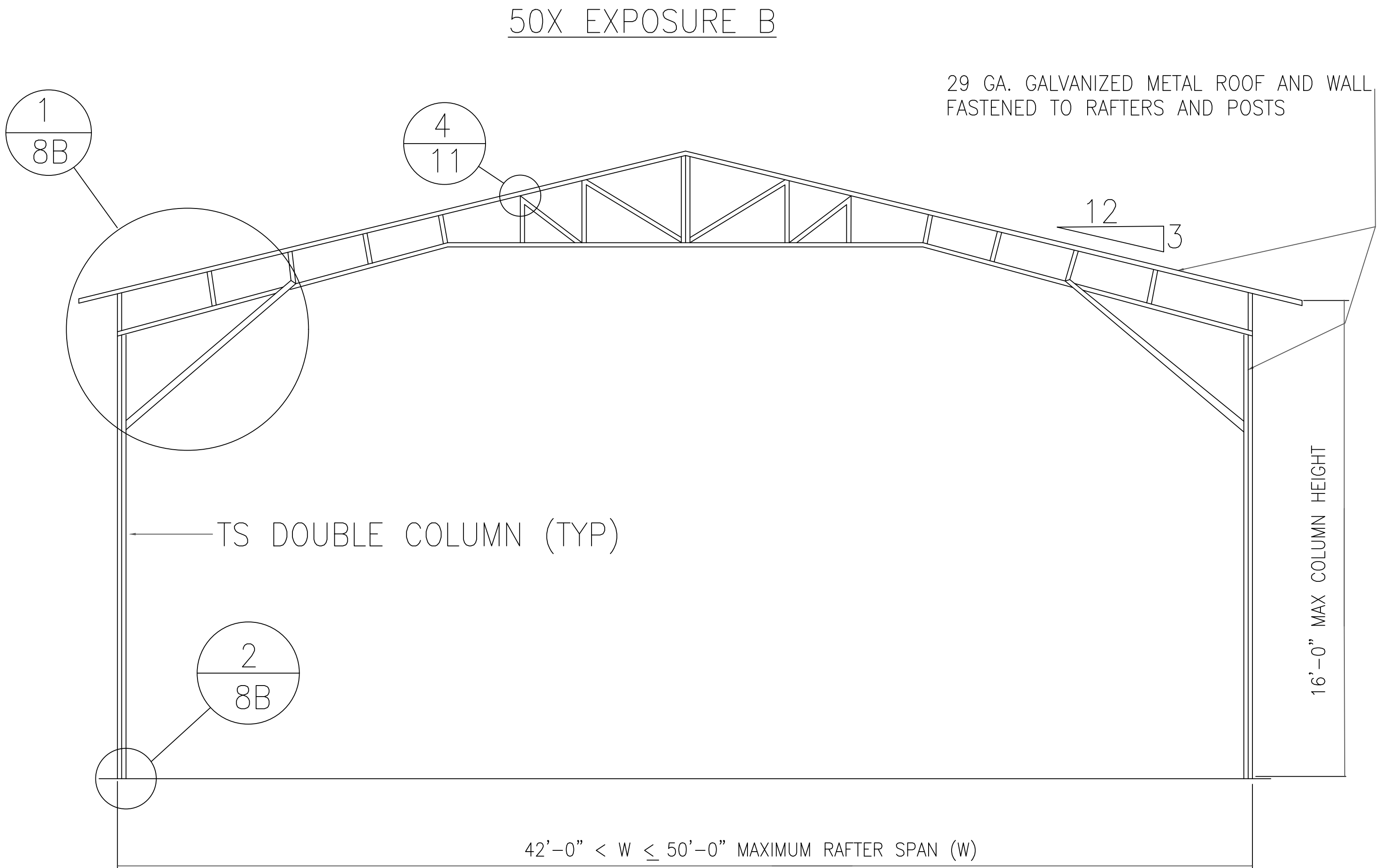
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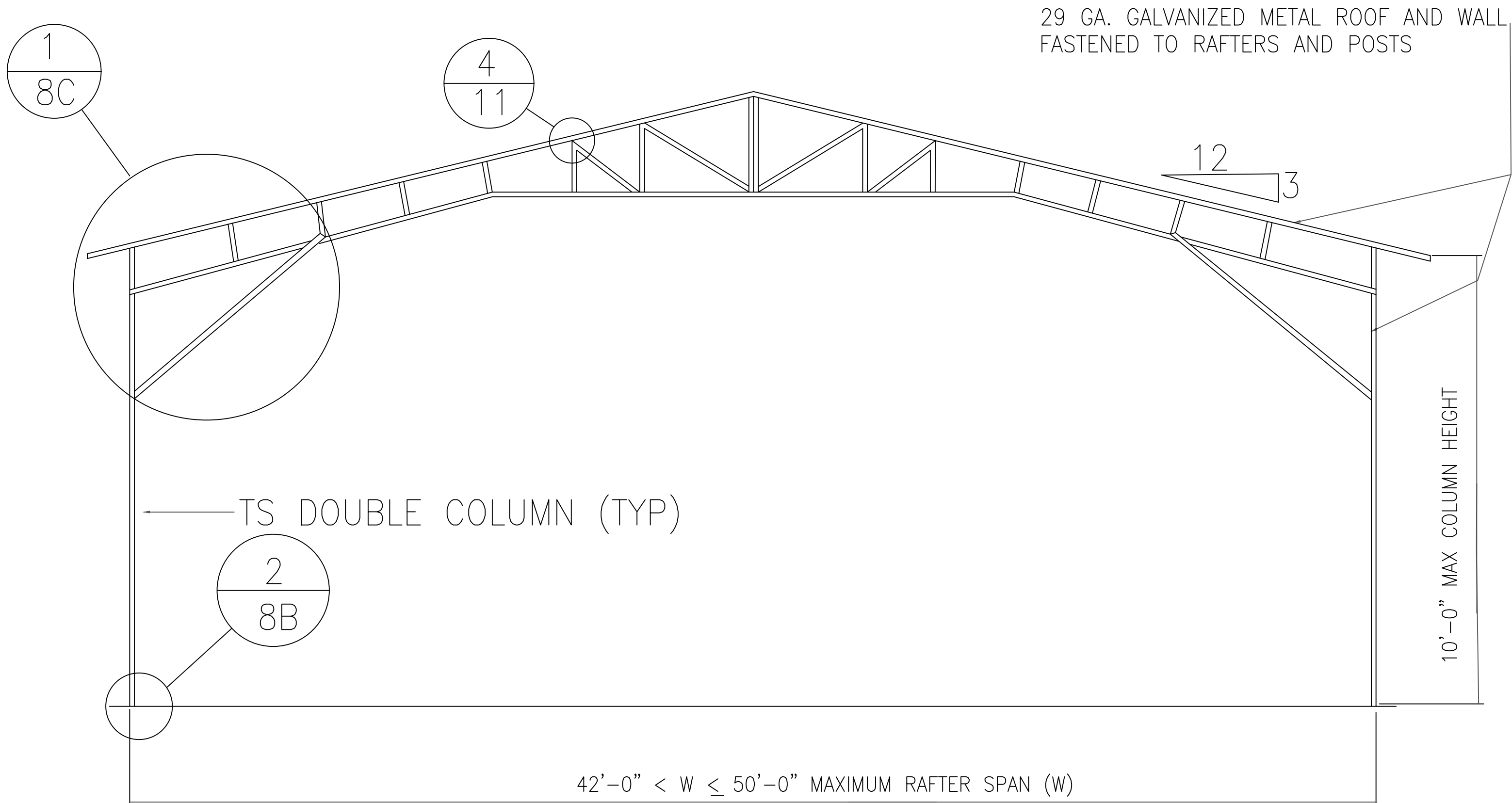
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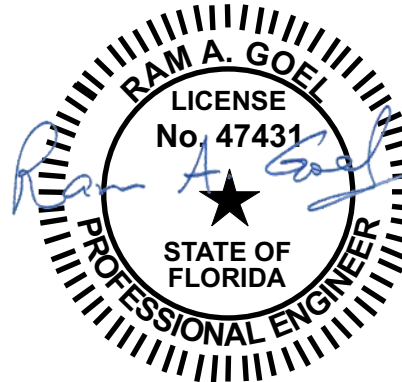
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TYPICAL RAFTER/COLUMN FRAME SECTION  
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TYPICAL RAFTER/COLUMN FRAME SECTION  
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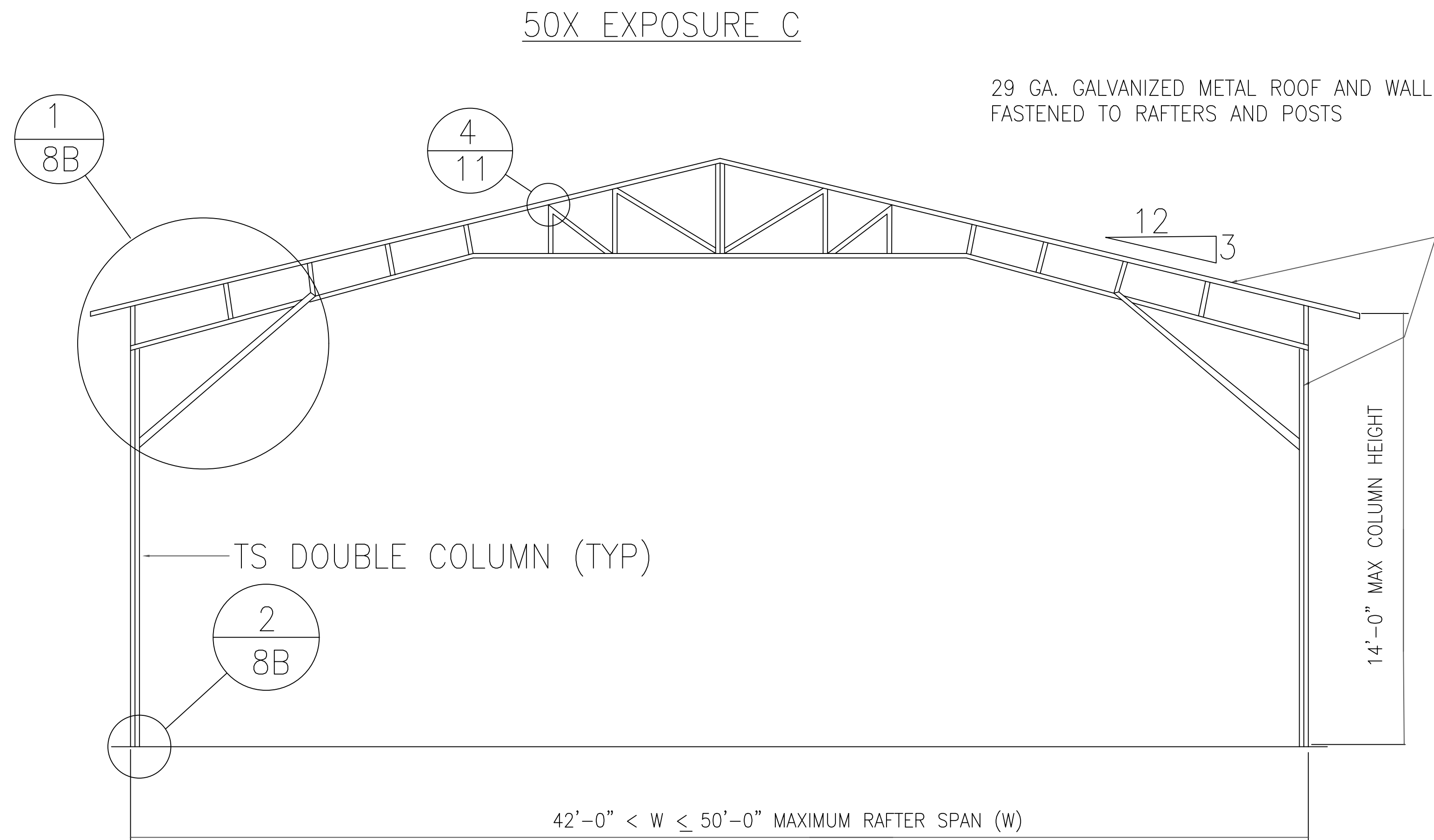
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CORY LAKE PROFESSIONAL CENTER  
10329 CROSS CREEK BLVD., SUITE P  
TAMPA, FL 33647  
www.sonexfmllc.com

Job # S2081  
Drawn By: K.D.  
Checked By: S.G.

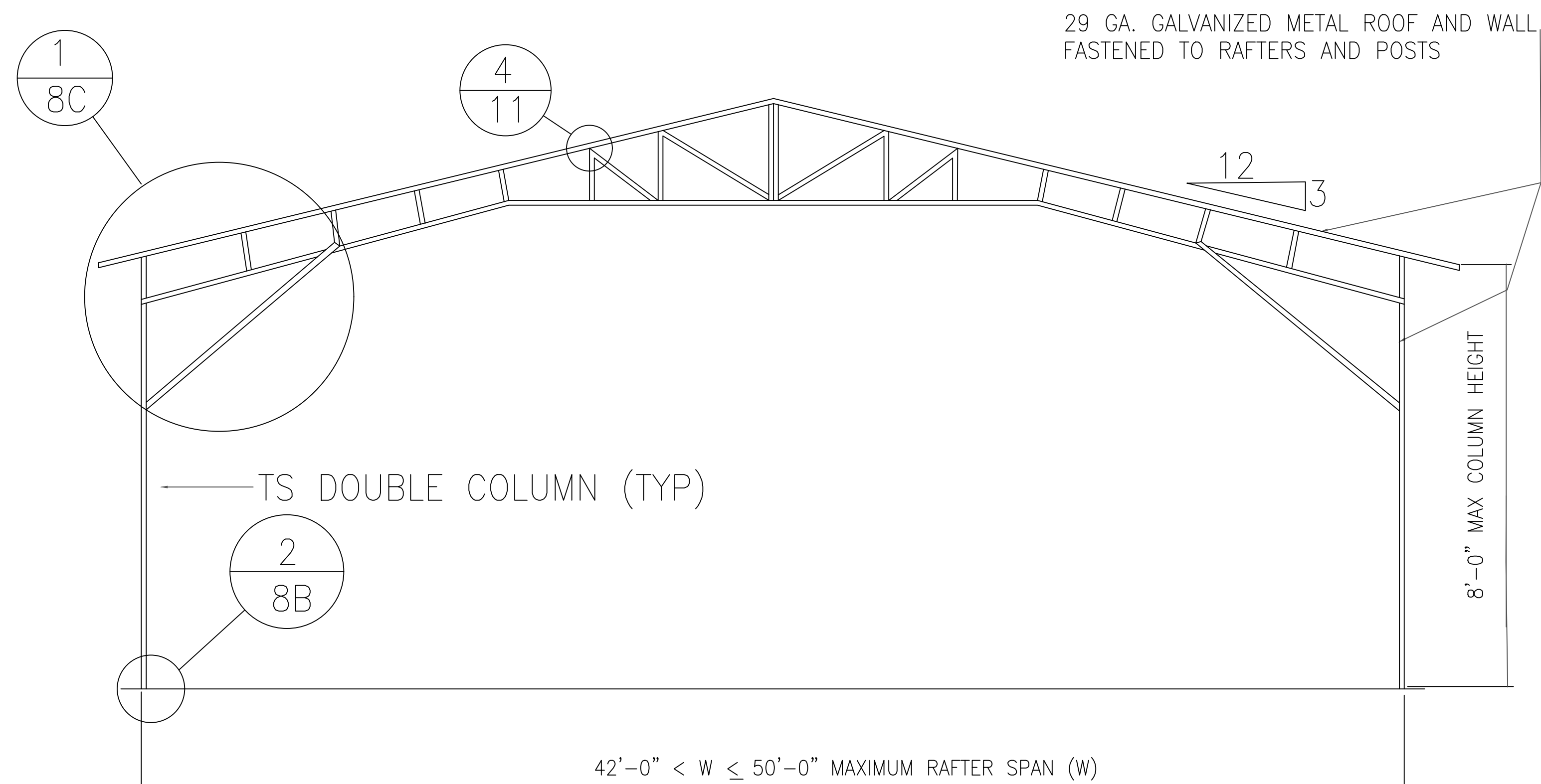
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Revisions:		
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50X EXPOSURE B

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



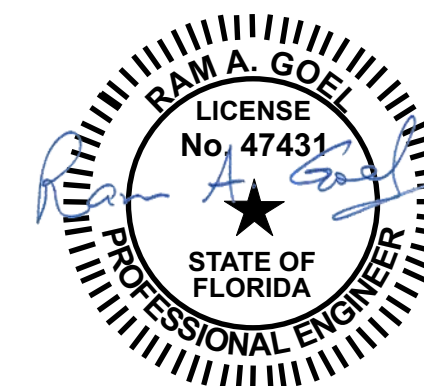
Richard G. Marceau, P.E. # 64466  
PH: 813-388-6090  
SONEY FM LLC  
CORY LAKE PROFESSIONAL CENTER  
10329 CROSS CREEK BLVD., SUITE P  
TAMPA, FL 33647  
www.soneyfmllc.com

Job # S2081  
Drawn By: K.D.  
Checked By: S.G.

Issue Date: 04-10-21		
Revisions:		
No.	Date	Description
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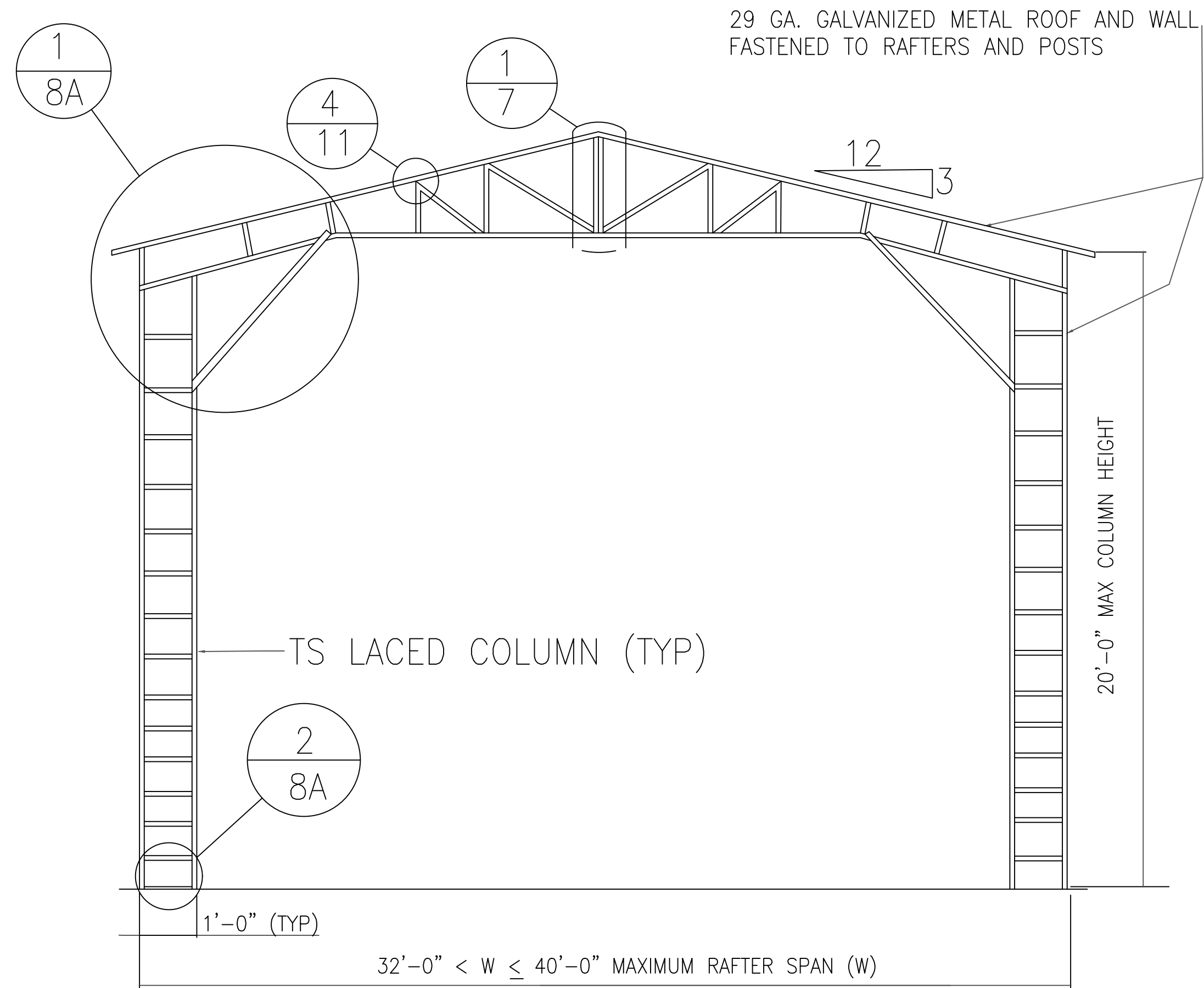
Dr. Ram A. Goel PE # 47431

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50X EXPOSURE C

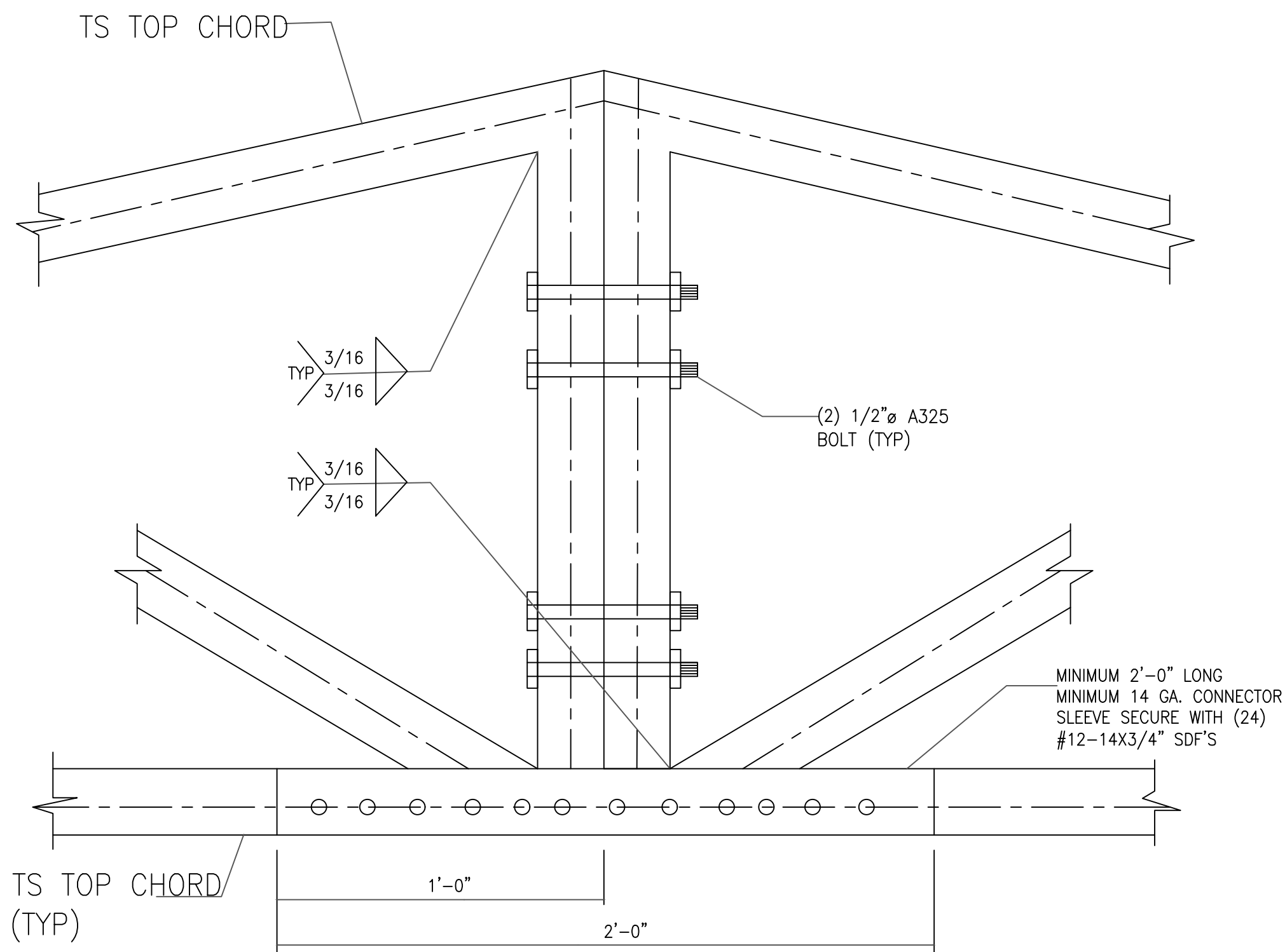
ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

40X EXPOSURE B & C



TYPICAL RAFTER/COLUMN FRAME SECTION

SCALE: NTS



1 SPLICE CONNECTION DETAIL

SCALE: NTS



Richard G. Marceau, P.E. # 64466  
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Job # S2081

Drawn By: K.D.

Checked By: S.G.

Issue Date: 04-10-21

Revisions:		
No.	Date	Description
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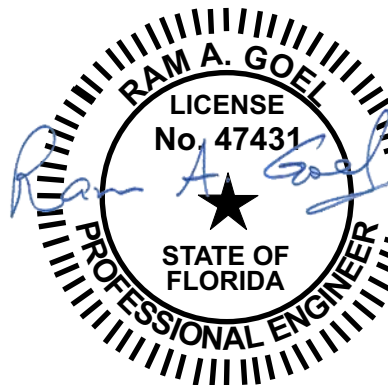
Ram Goel  
Digitally signed by Ram Goel  
DN: CN=Ram Goel, E=rsoneyfmllc@yahoo.com,  
OU=SONEY FM LLC, O=SONEY FM LLC,  
L=Tampa, St=Florida, C=US  
Date: 2021.04.11  
10:45:56-0400

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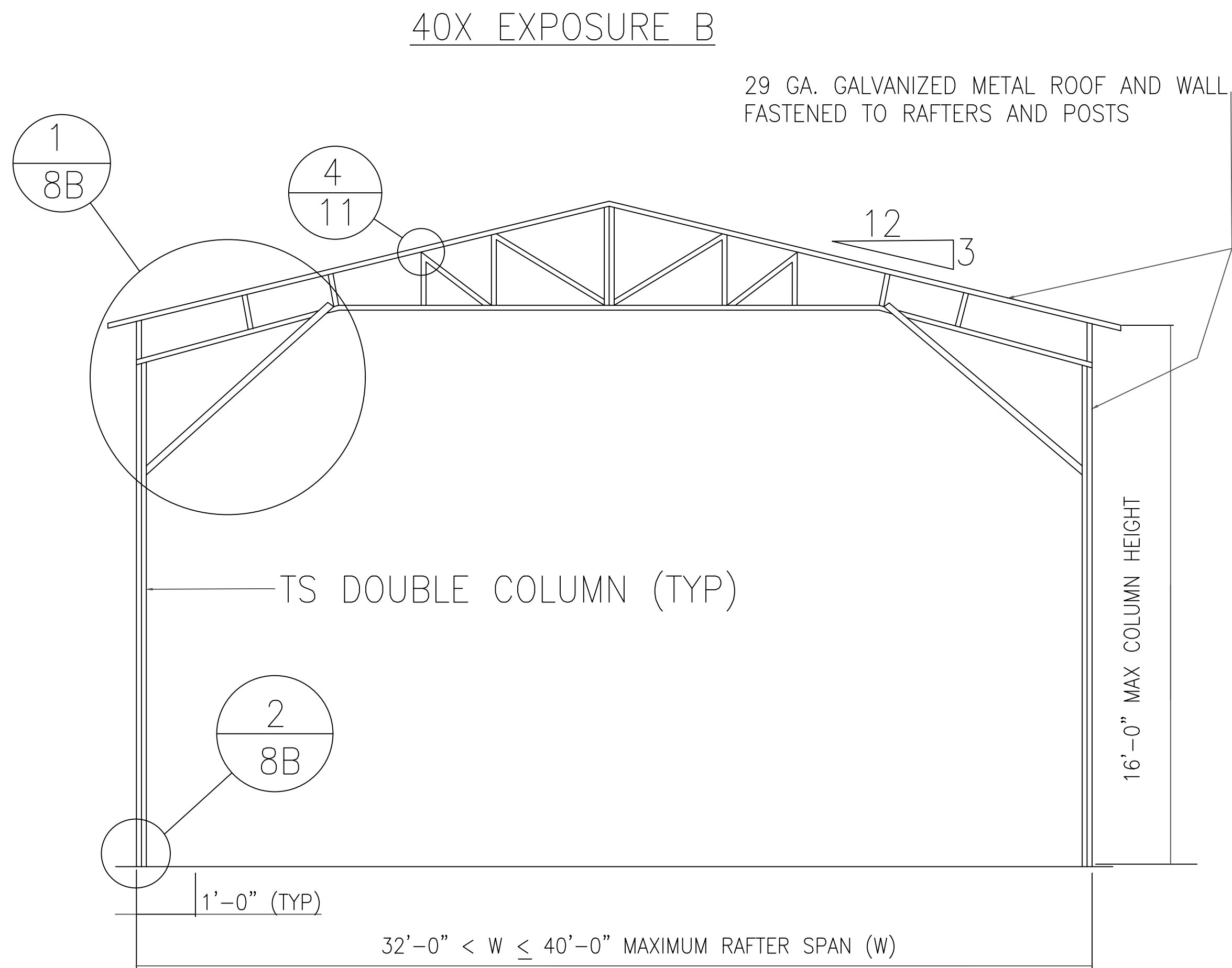
Dr. Ram A. Goel PE # 47431

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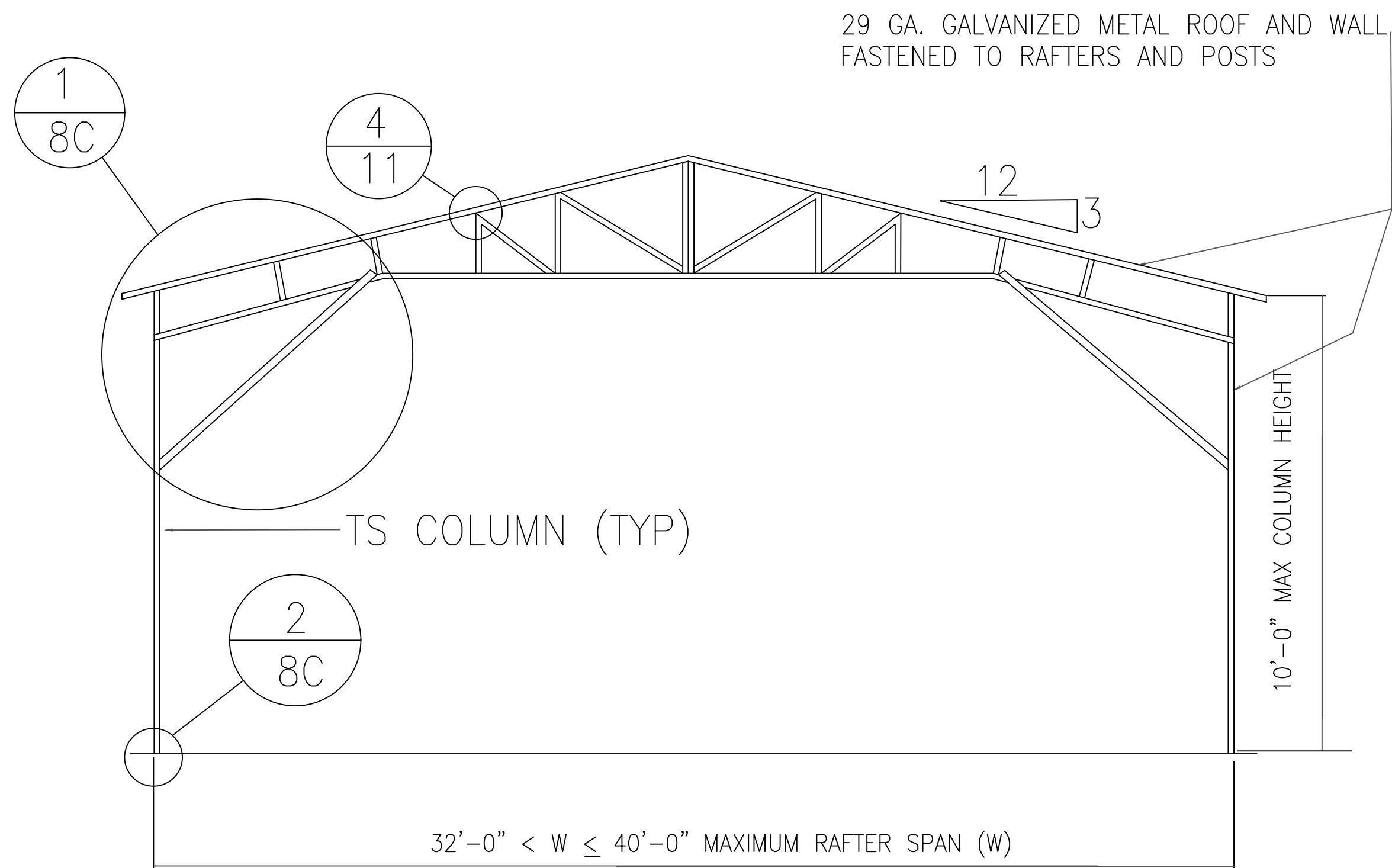


40X EXPOSURE B&C

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



Richard G. Marceau, P.E. # 64466  
PH: 813-388-6090

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Job # S2081  
Drawn By: K.D.  
Checked By: S.G.

Issue Date: 04-10-21

Revisions:

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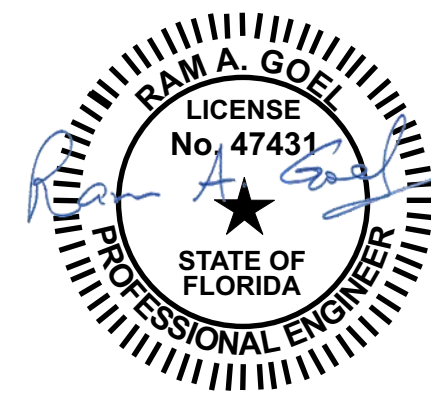


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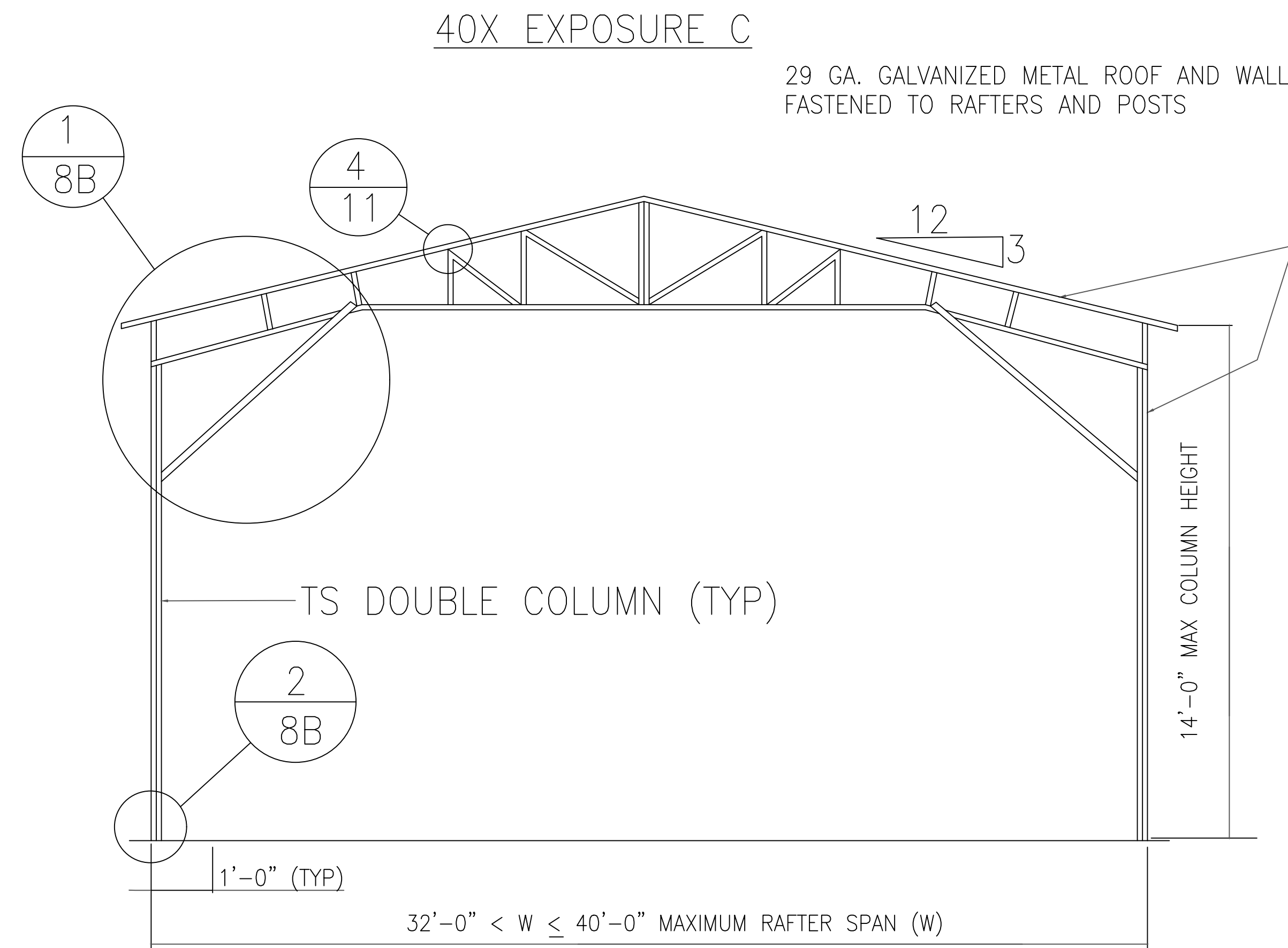
Dr. Ram A. Goel PE # 47431

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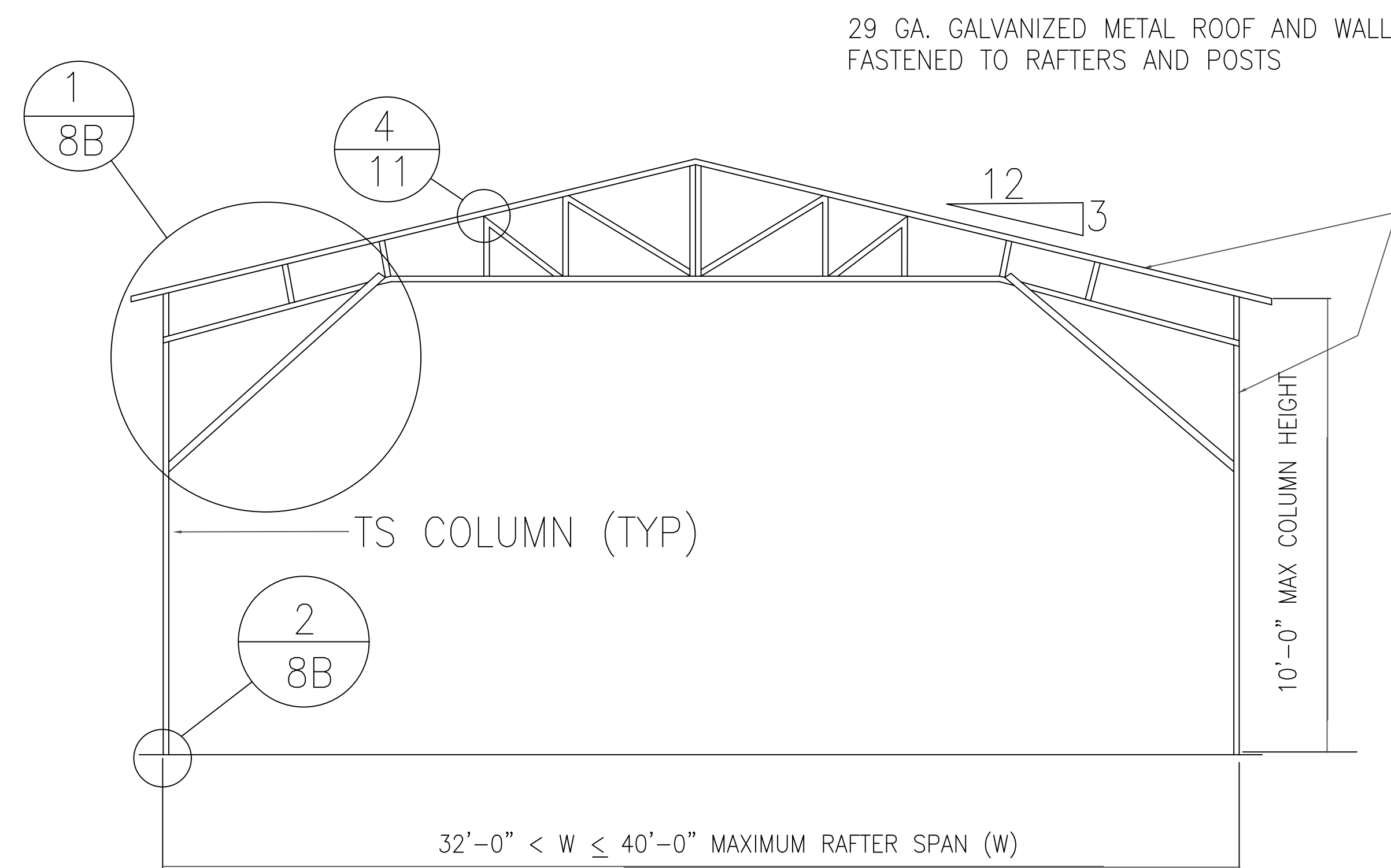


40X EXPOSURE B

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION  
SCALE: NTS



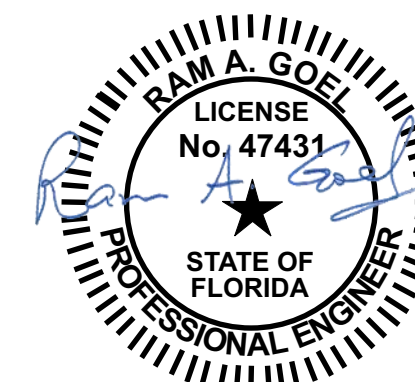
Richard G. Marceau, P.E. # 64466  
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Job # S2081  
Drawn By: K.D.  
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Issue Date: 04-10-21		
Revisions:		
No.	Date	Description
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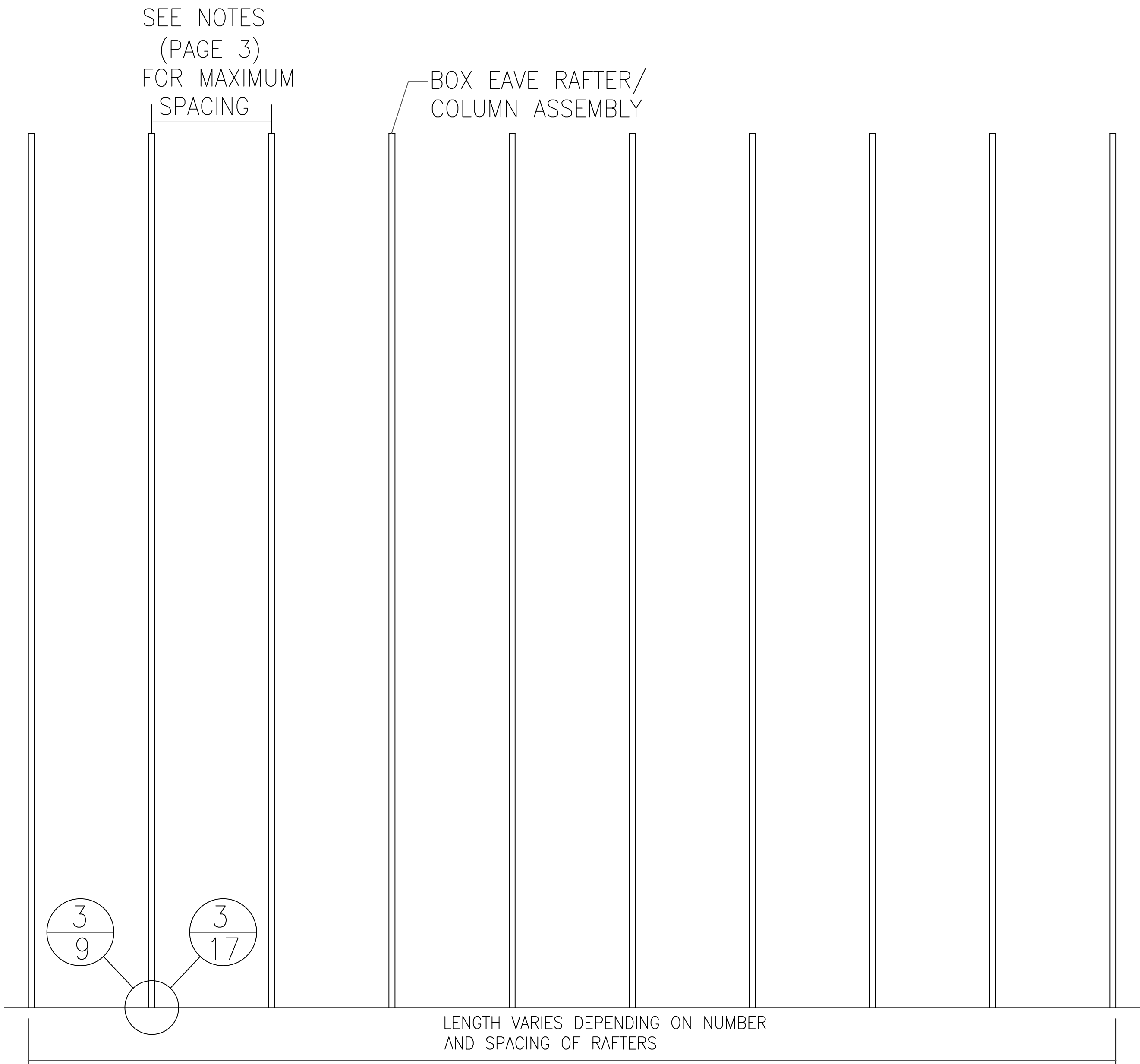
**Ram Goel**  
Digitally signed by Ram Goel  
DN: cn=Ram Goel, e=ramgoel@yahoo.com, o=Soney FM LLC, ou=Soney FM LLC, c=Florida, C=US  
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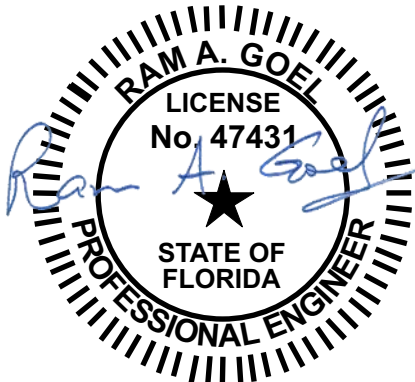


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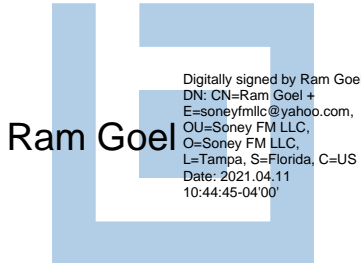
40X EXPOSURE C  
ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060



TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION  
SCALE: NTS



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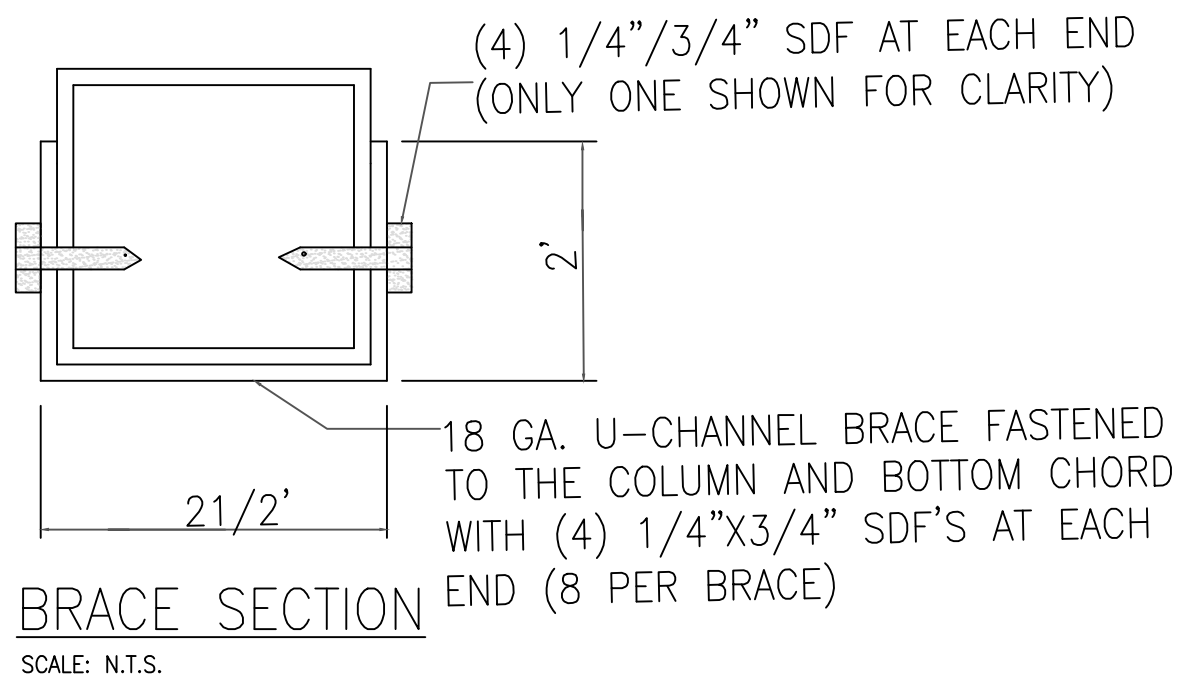
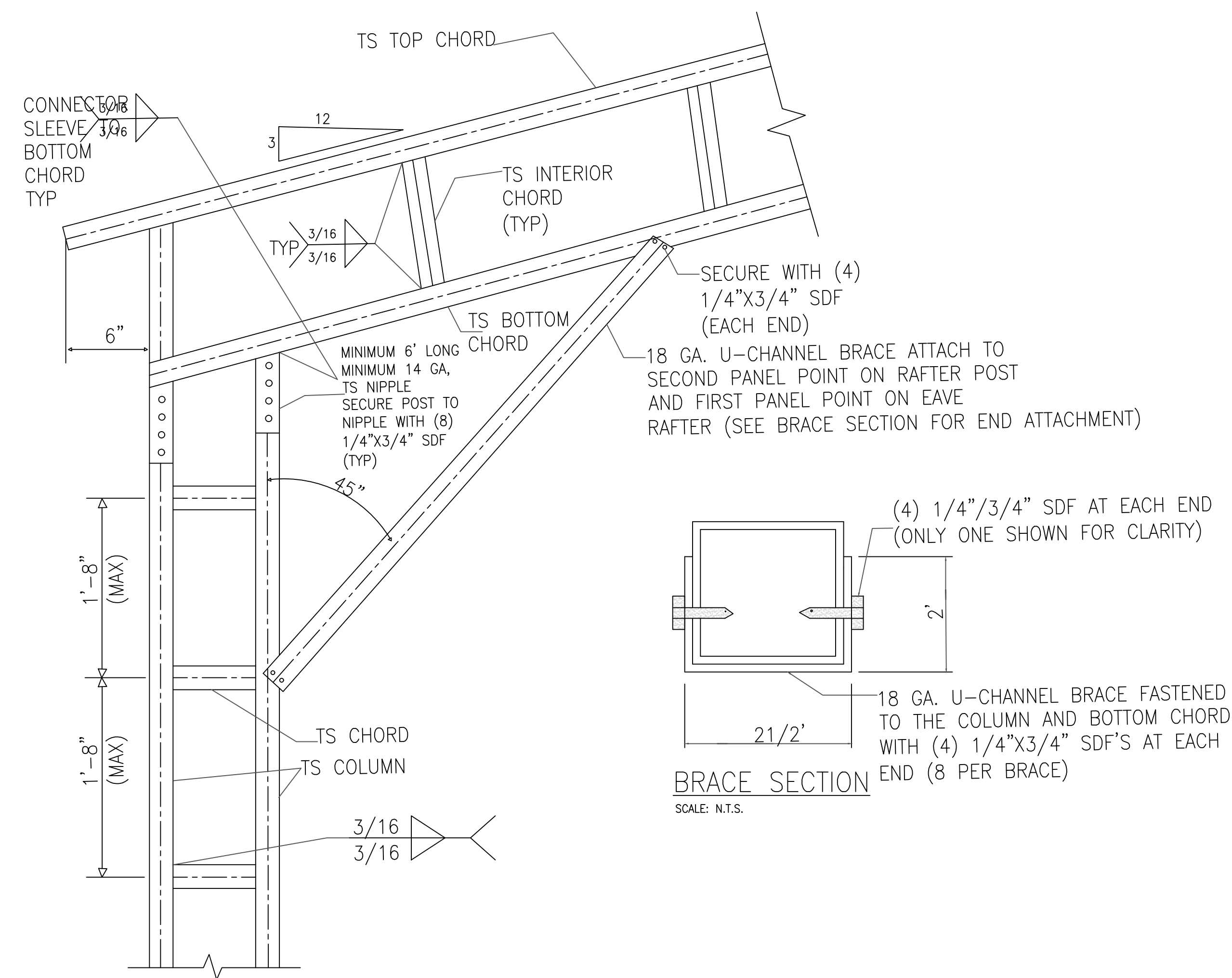
Job # S2081  
Drawn By: K.D.  
Checked By: S.G.

Issue Date: 04-10-21		
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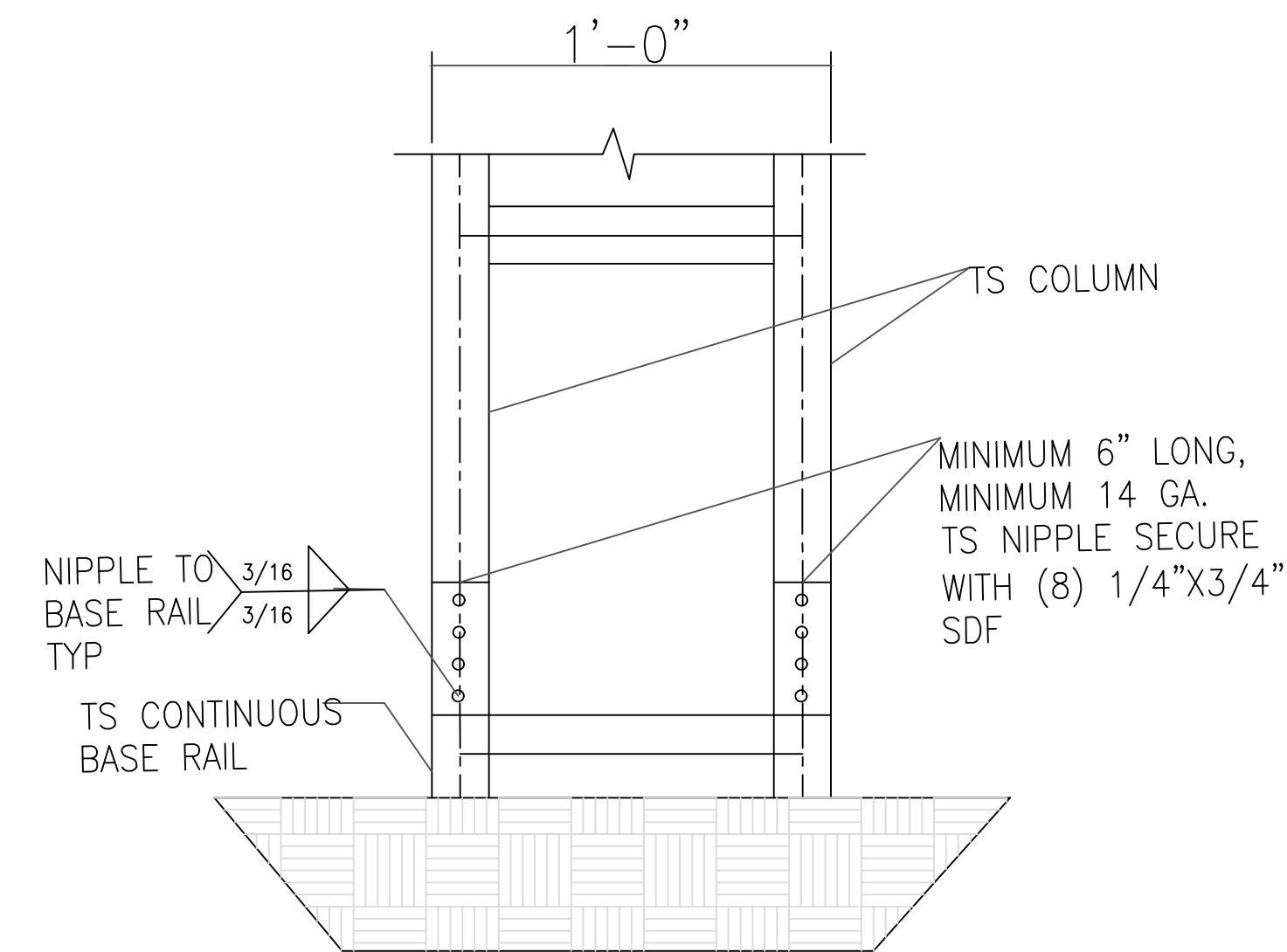
TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

LACED TUBE COLUMN OPTION



CORNER COLUMN CONNECTION DETAIL  
HEIGHTS 16'-0" < TO ≤ 20'-0" (EXP.B)  
HEIGHTS 14'-0" < TO ≤ 20'-0" (EXP.C)  
SCALE: NTS



COLUMN/BASE RAIL CONNECTION DETAIL  
SCALE: NTS



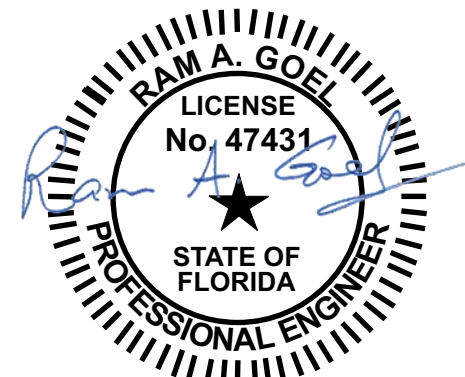
Richard G. Marceau, P.E. # 64466  
PH: 813-388-6090  
SONEY FM LLC  
CORY LAKE PROFESSIONAL CENTER  
10329 CROSS CREEK BLVD., SUITE P  
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Job # S2081  
Drawn By: K.D.  
Checked By: S.G.

Issue Date: 04-10-21		
Revisions:		
No.	Date	Description
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Δ	//	
Δ	//	
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Ram Goel  
Digitally signed by Ram Goel  
DN: cn=Ram Goel, o=SONEY FM LLC,  
ou=SONEY FM LLC, email=R.Goel@sonyfmllc.com,  
c=US

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LACED TUBE COLUMN OPTION

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

Richard G. Marceau, P.E. # 64466  
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Job # S2081  
Drawn By: K.D.  
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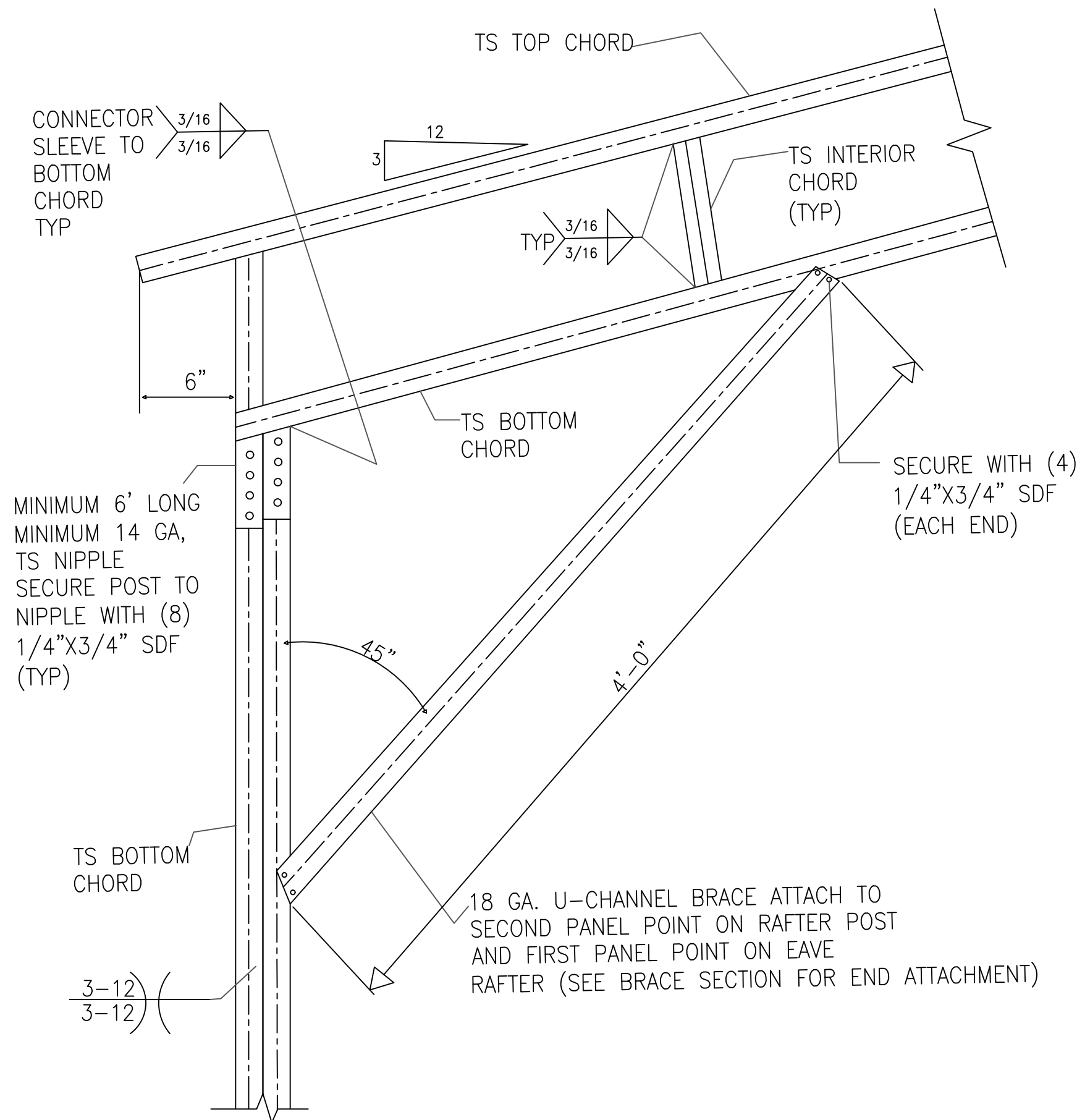
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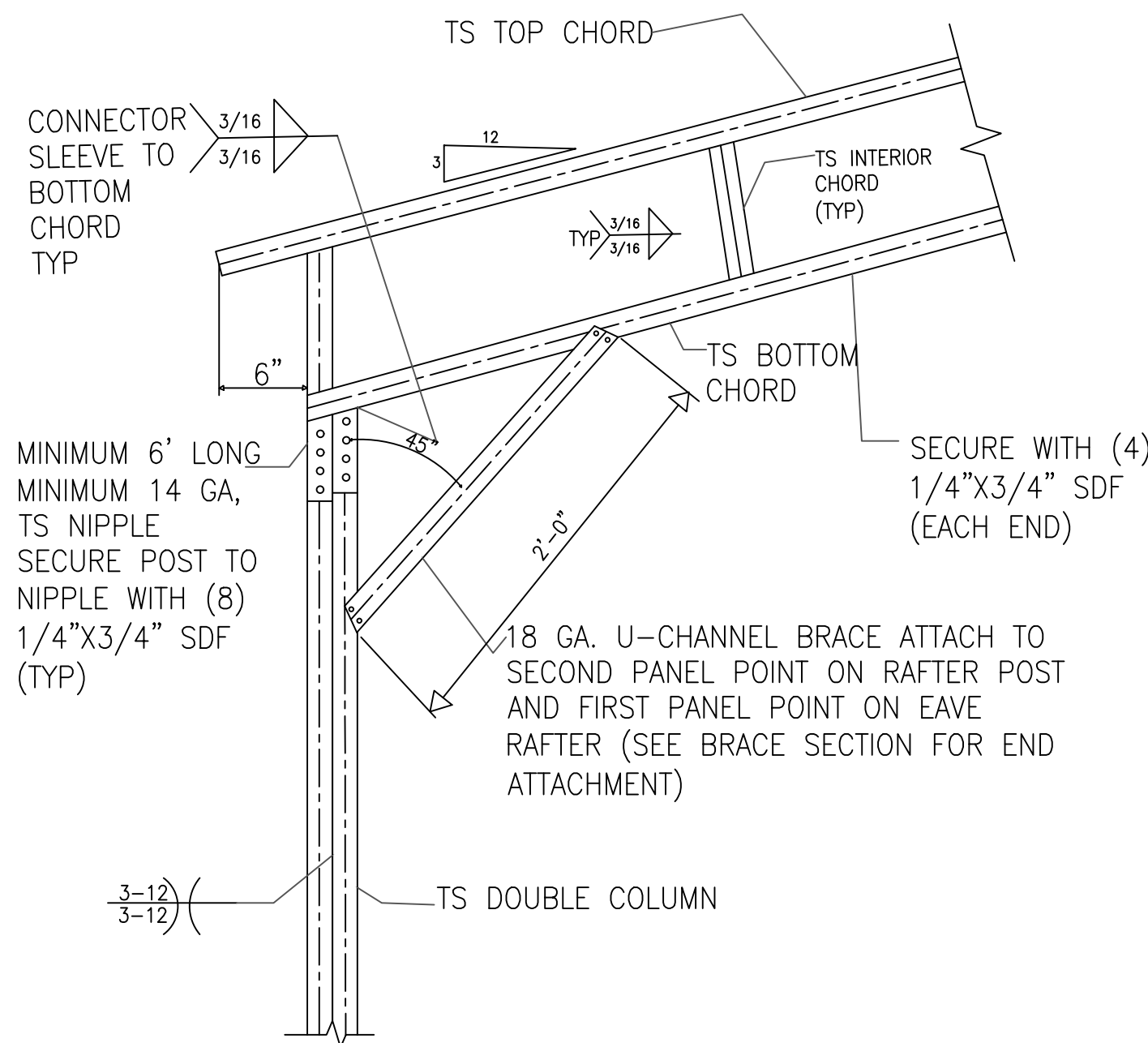
DOUBLE TUBE COLUMN OPTION

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

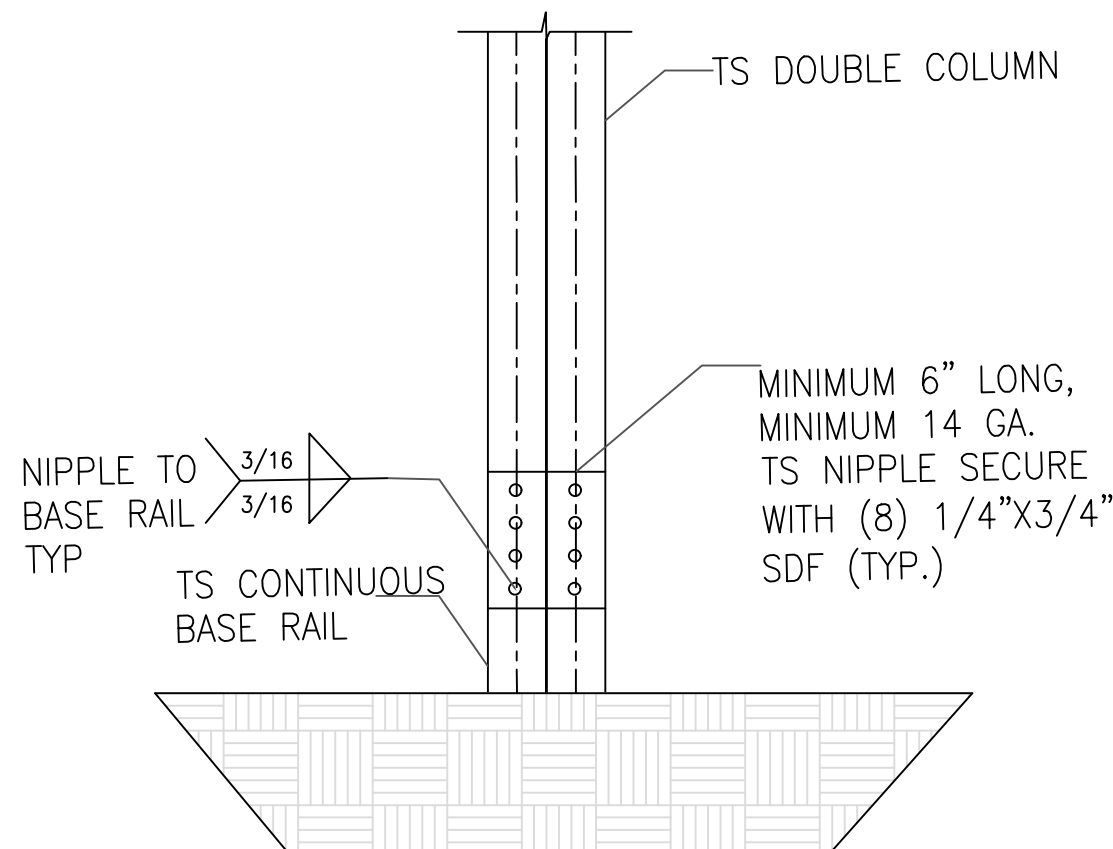
## DOUBLE TUBE COLUMN OPTION



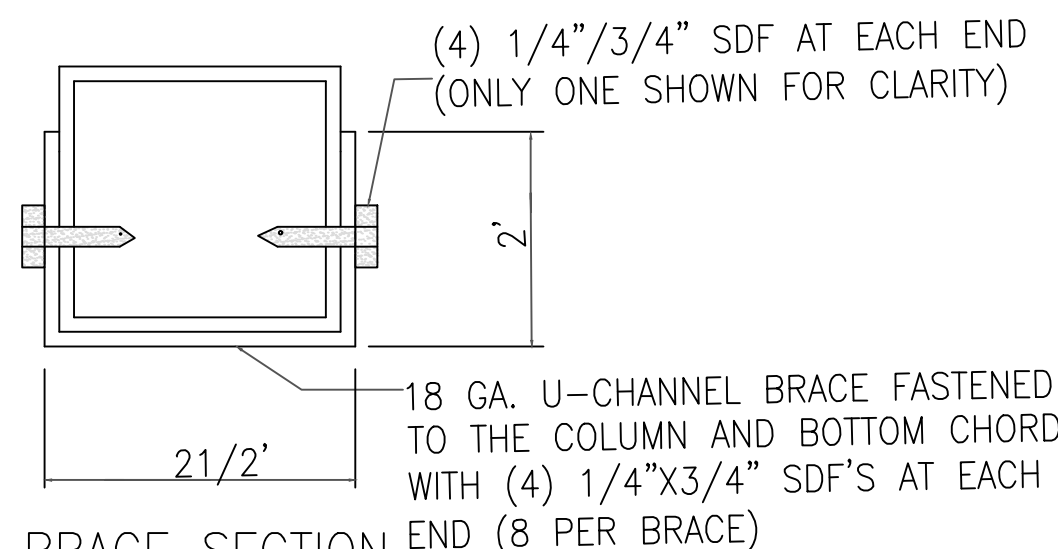
1 CORNER COLUMN CONNECTION DETAIL  
HEIGHTS 10'-0" < TO ≤ 16'-0" (EXP.B)  
HEIGHTS 10'-0" < TO ≤ 14'-0" (EXP.C)  
SCALE: NTS



1A CORNER COLUMN CONNECTION DETAIL  
60X HEIGHTS 8'-0" < TO ≤ 10'-0" (EXP.B)  
50X HEIGHTS 8'-0" < TO ≤ 10'-0" (EXP.C)  
SCALE: NTS



2 COLUMN/BASE RAIL CONNECTION DETAIL  
SCALE: NTS



BRACE SECTION  
SCALE: N.T.S.

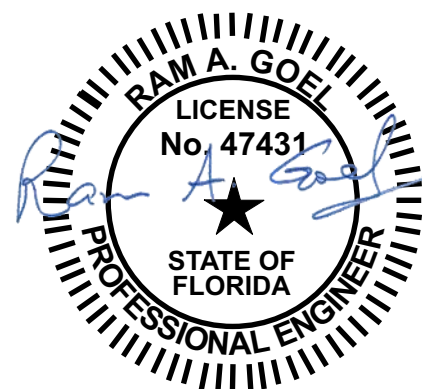
**Ram Goel**  
Digitally signed by Ram Goel  
DN: cn=Ram Goel, e=ramgoel@yahoo.com, ou=SONEY FM LLC, ou=SONEY FM LLC, ou=Tampa, ou=Florida, c=US  
Date: 2021.08.11 10:43:59 -0400

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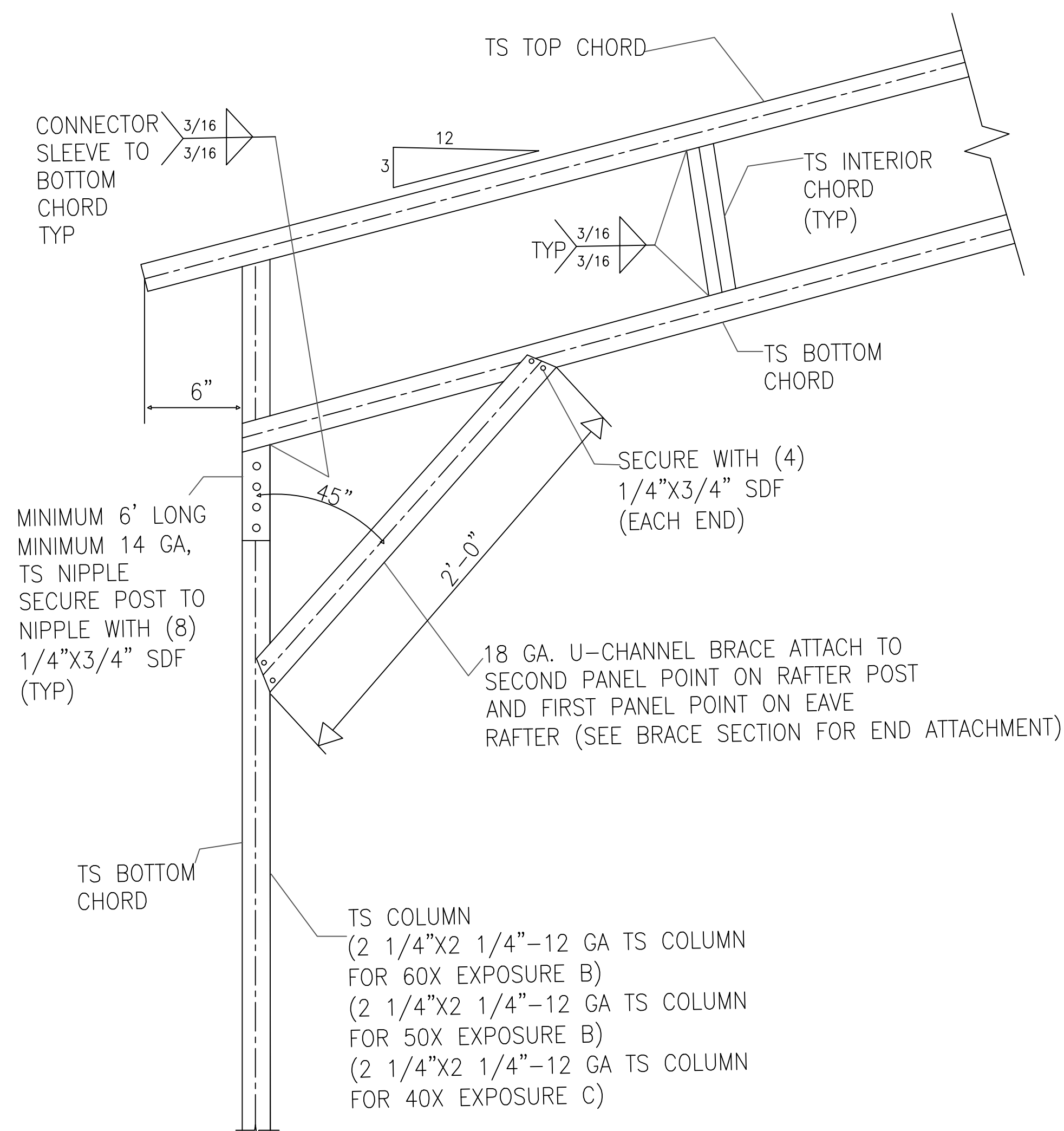
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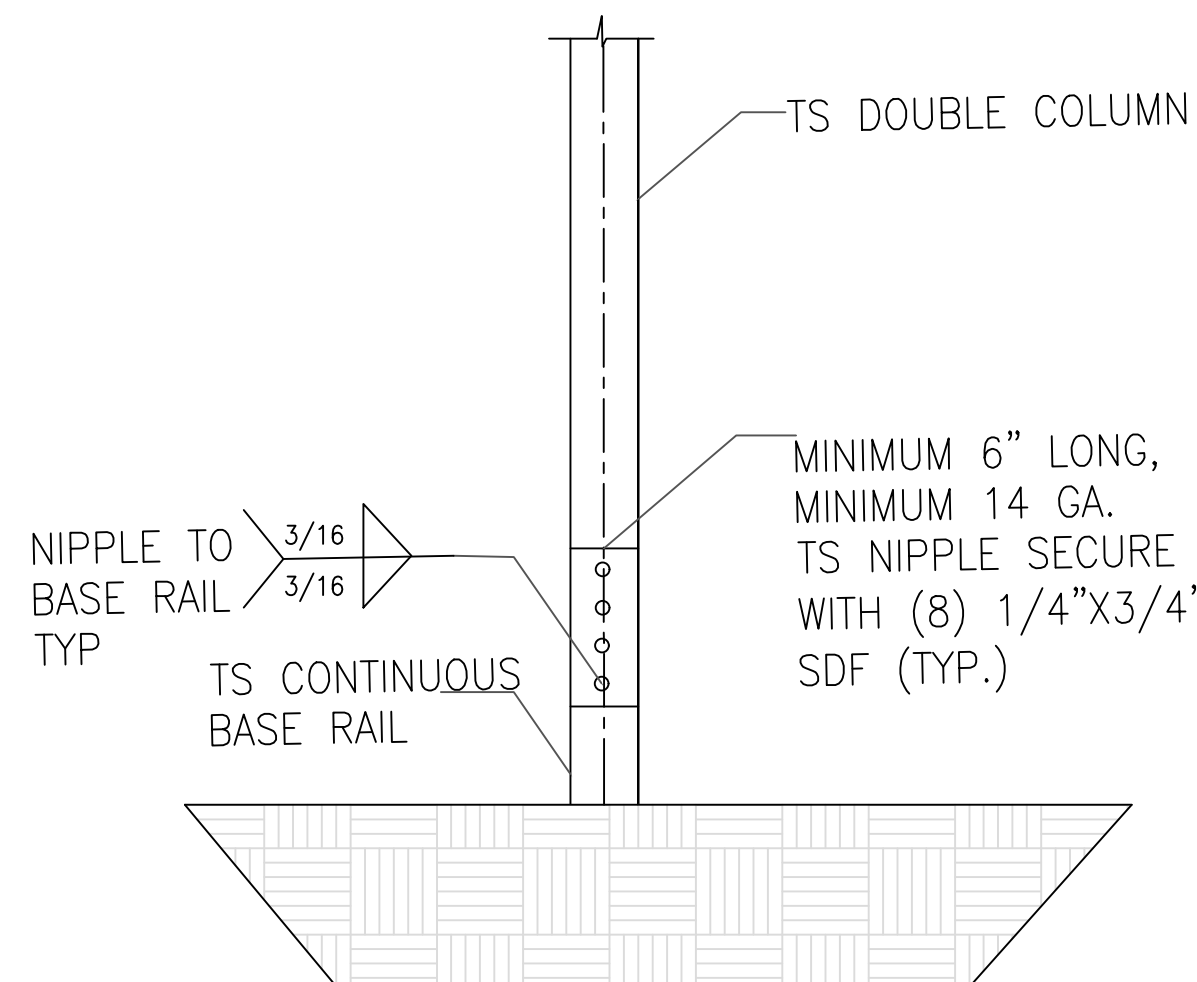
# SINGLE TUBE COLUMN OPTION



## CORNER COLUMN CONNECTION DETAIL

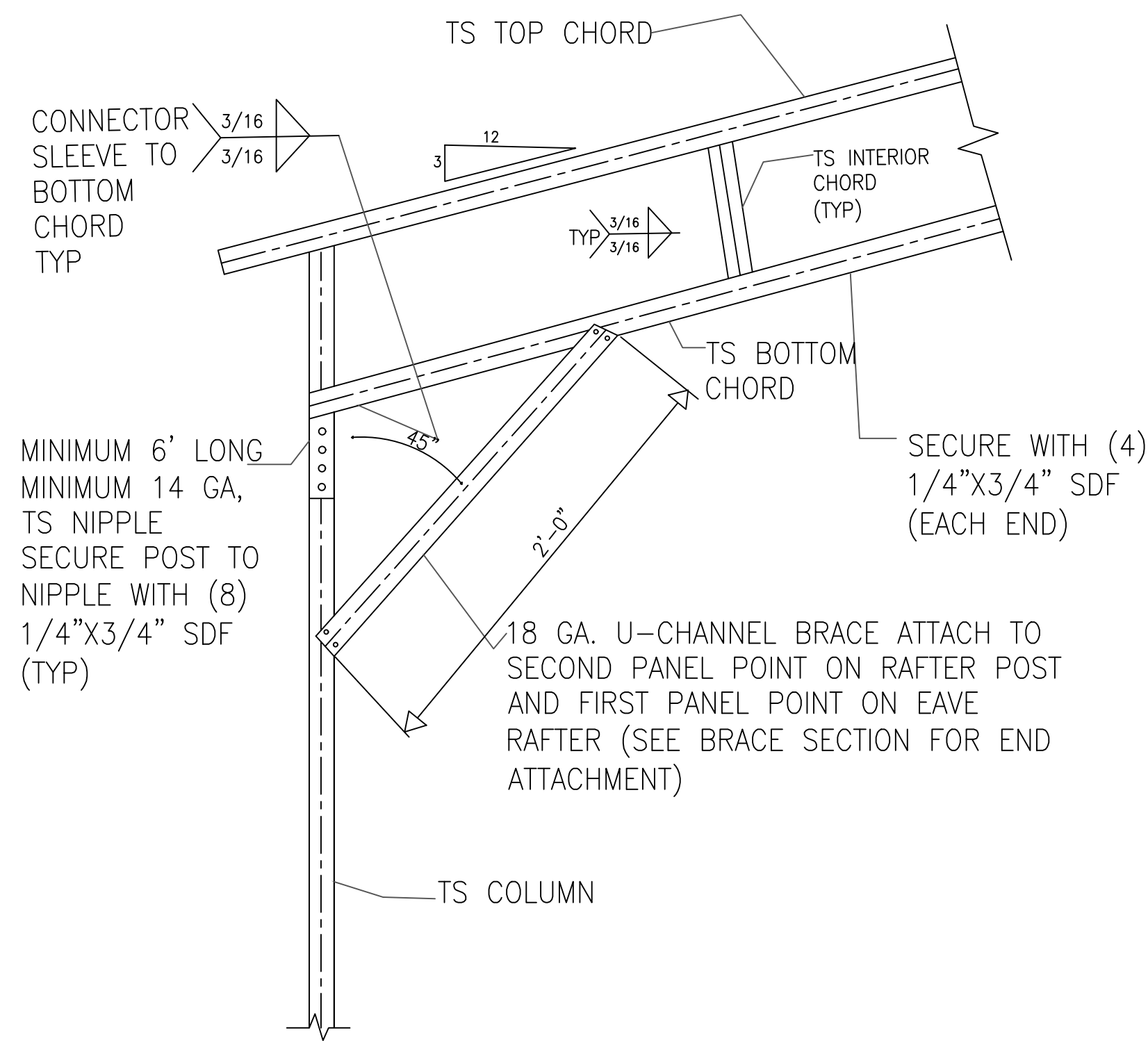
60X HEIGHTS 8'-0" < TO ≤ 10'-0" (EXP.B)  
50X HEIGHTS 8'-0" < TO ≤ 10'-0" (EXP.B)  
40X HEIGHTS 8'-0" < TO ≤ 10'-0" (EXP.B)  
40X HEIGHTS 8'-0" < TO ≤ 10'-0" (EXP.C)

SCALE: NTS



## COLUMN/BASE RAIL CONNECTION DETAIL

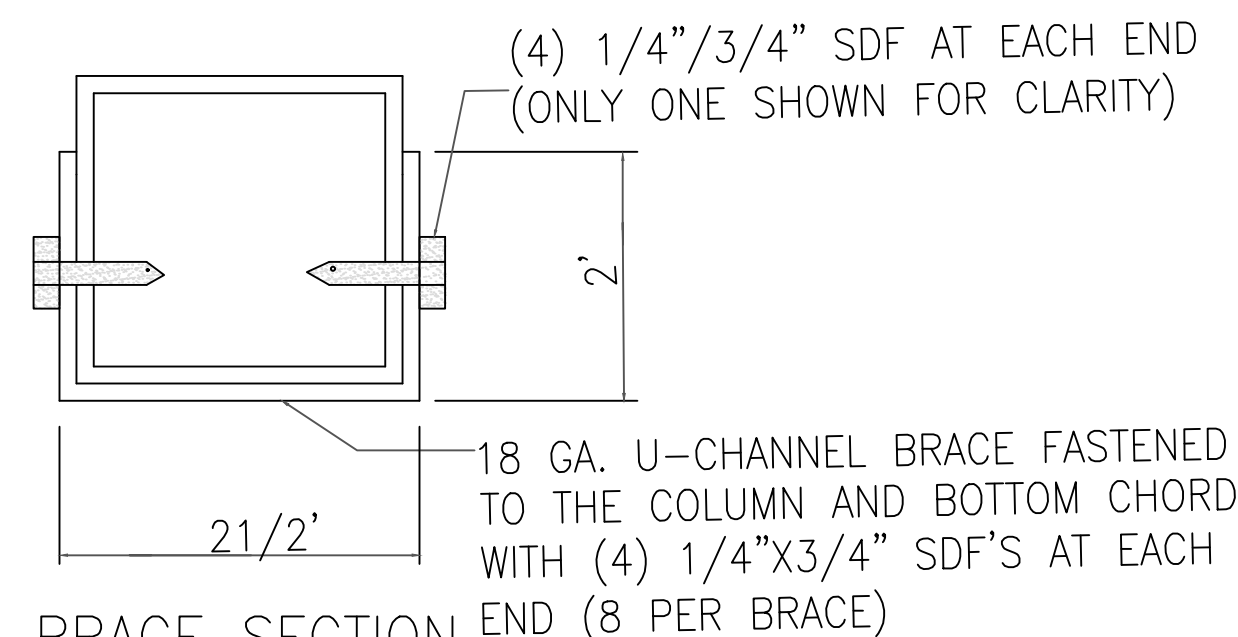
SCALE: NTS



## CORNER COLUMN CONNECTION DETAIL

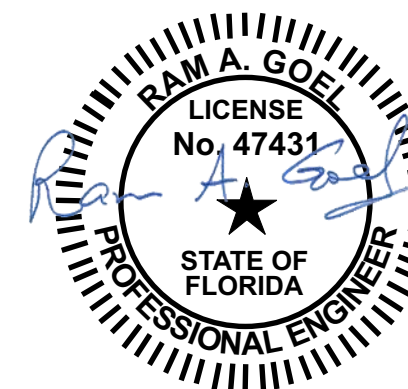
60X HEIGHTS ≤ 8'-0" (EXP. B AND C)  
50X HEIGHTS ≤ 8'-0" (EXP. B AND C)  
40X HEIGHTS ≤ 8'-0" (EXP. B AND C)

SCALE: NTS



## BRACE SECTION

SCALE: N.T.S.



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PH: 813-388-6090

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10329 CROSS CREEK BLVD., SUITE P  
TAMPA, FL 33647  
www.soneyfmllc.com

Job # S2081

Drawn By: K.D.

Checked By: S.G.

Issue Date: 04-10-21

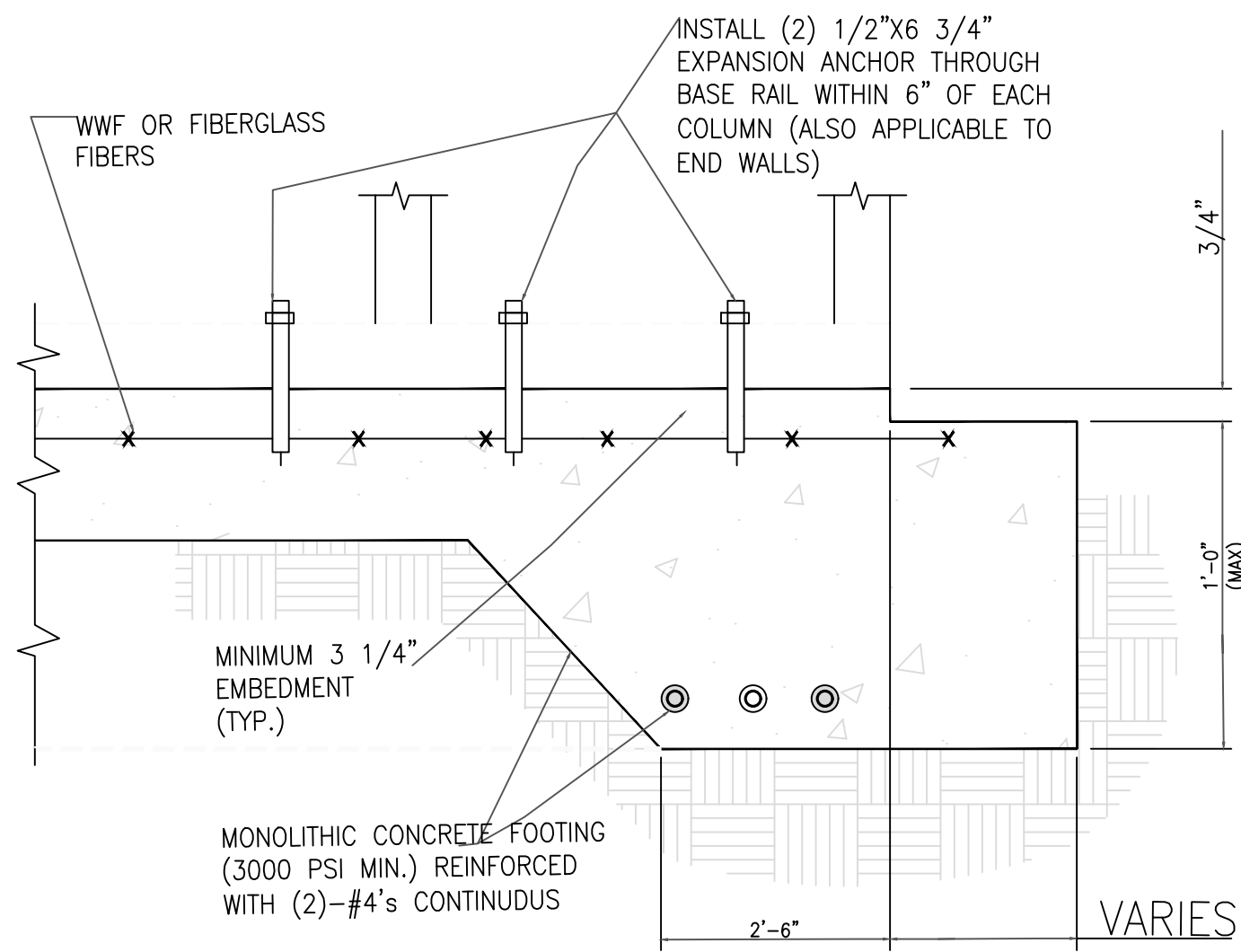
Revisions:

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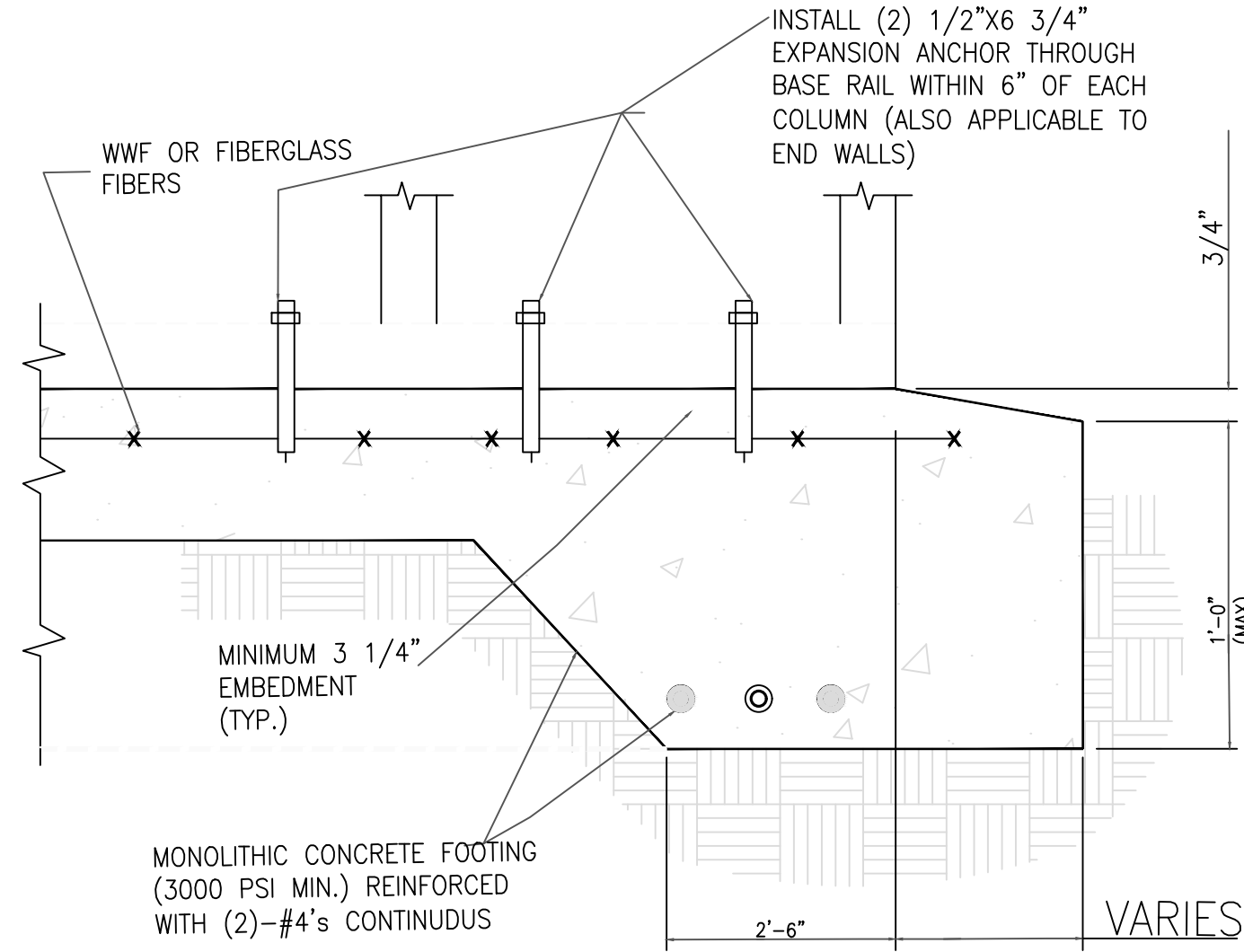
SINGLE TUBE COLUMN OPTION

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

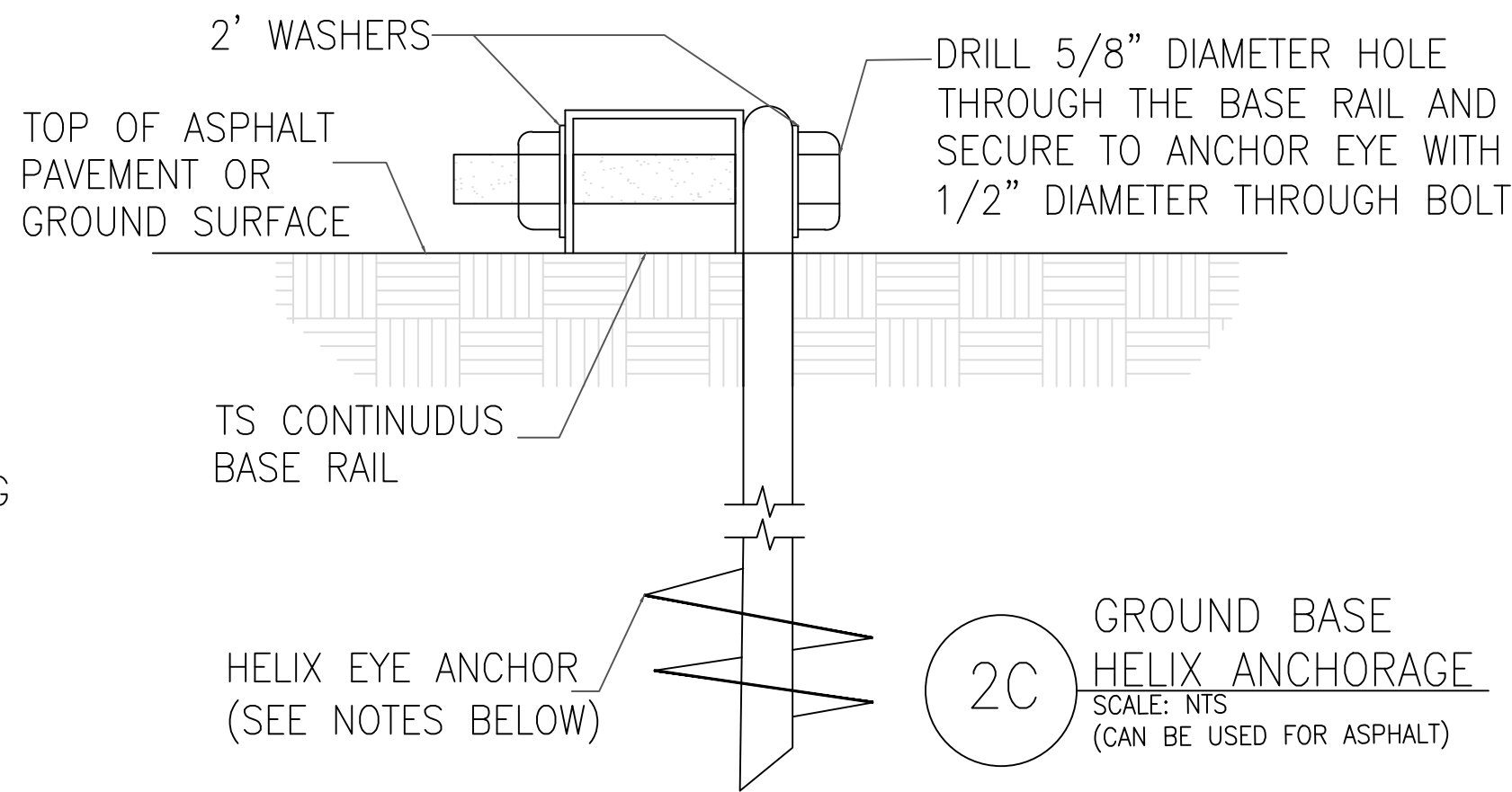
BASE RAIL ANCHORAGE (60X)



3A CONCRETE MONOLITHIC SLAB  
BASE RAIL ANCHORAGE  
SCALE: NTS  
(MINIMUM ANCHOR EDGE DISTANCE IS 4'.  
\* COORDINATE WITH LOCAL CODES/ORD.)



3B CONCRETE MONOLITHIC SLAB  
RAIL ANCHORAGE  
SCALE: NTS  
(MINIMUM ANCHOR EDGE DISTANCE IS 4'.  
\* COORDINATE WITH LOCAL CODES/ORD.)



2C GROUND BASE  
HELIX ANCHORAGE  
SCALE: NTS  
(CAN BE USED FOR ASPHALT)

GENERAL NOTES

NOTE: CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 1,500 PSF.

CONCRETE:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318:

3' IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2" ELSEWHERE.

REINFORCING STEEL:

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

1. REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS.
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

HELIX ANCHOR NOTES:

1. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS, AND CLAYS, USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT.
2. FOR CORAL USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT.
3. FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4' HELICES WITH MINIMUM 30 INCH EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT.
4. FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL, USE MINIMUM (2) 6' HELICES WITH MINIMUM 50' EMBEDMENT.
5. FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 8' HELICES WITH MINIMUM 60' EMBEDMENT.



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SONEY FM LLC  
CORY LAKE PROFESSIONAL CENTER  
10329 CROSS CREEK BLVD., SUITE P  
TAMPA, FL 33647  
www.soneyfmllc.com

Job # S2081

Drawn By: K.D.

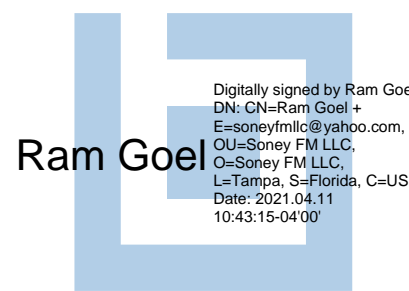
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Issue Date: 04-10-21

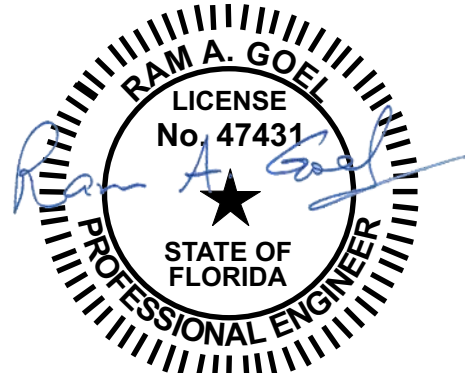
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BASE RAIL ANCHORAGE (60X)

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060



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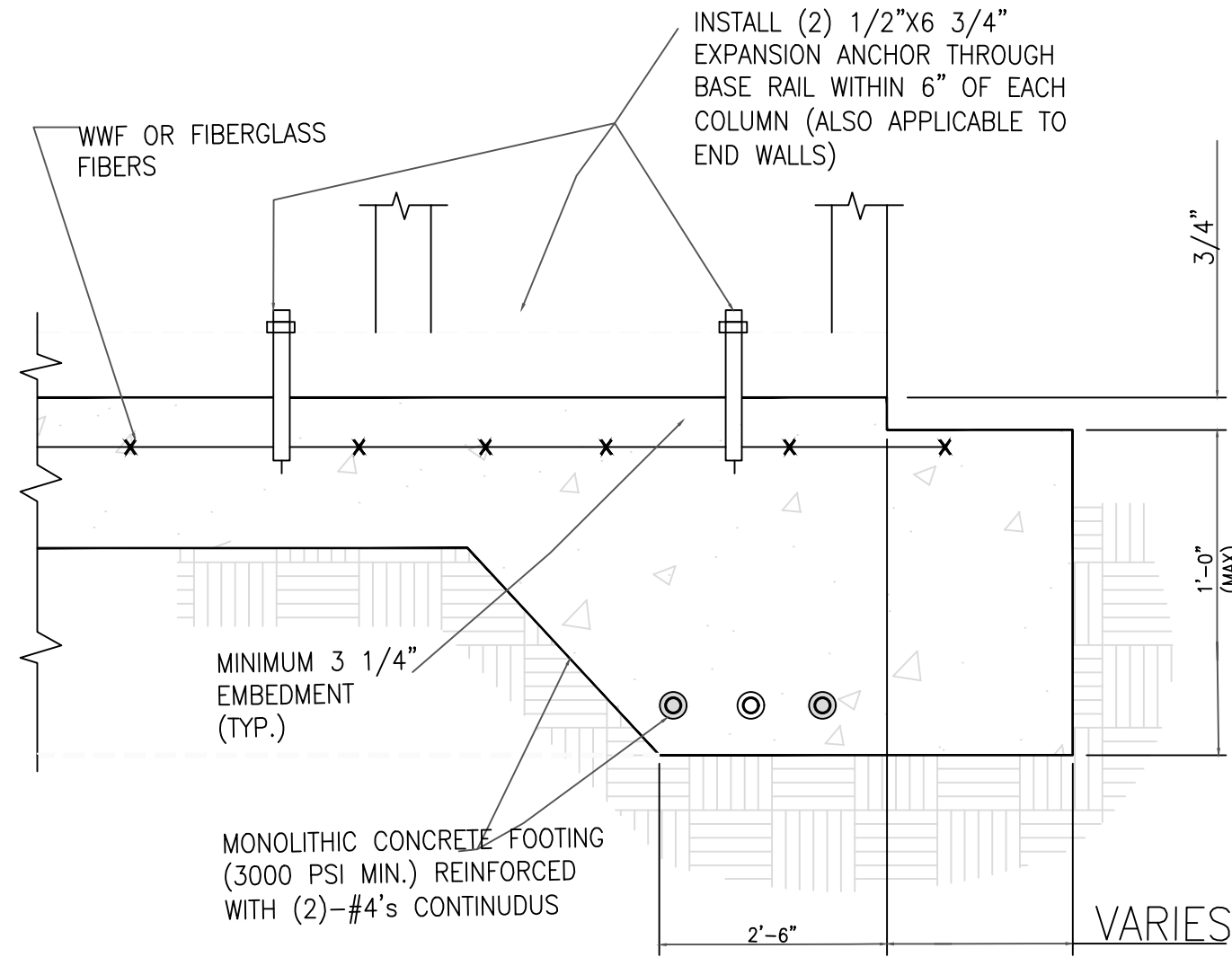


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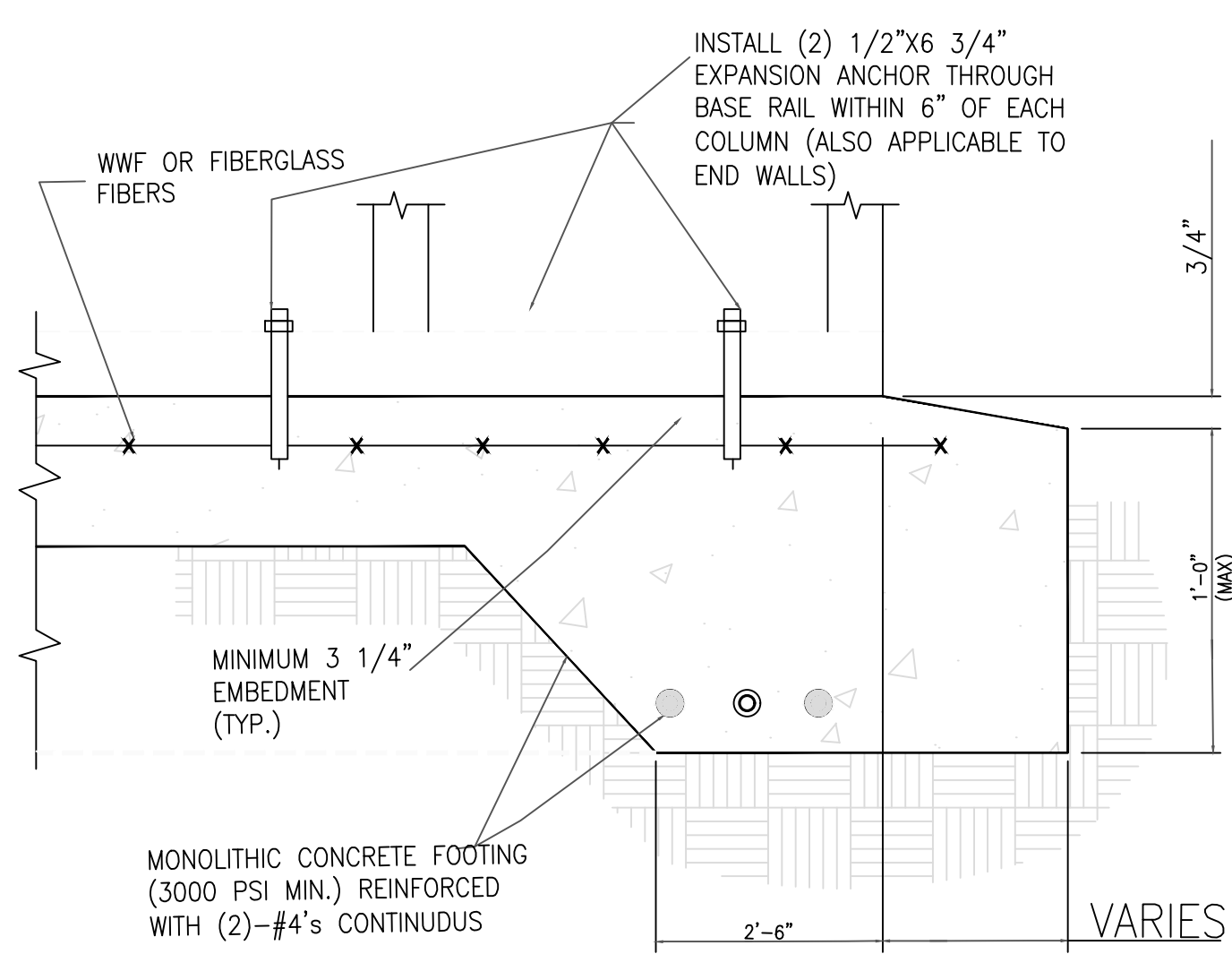
Dr. Ram A. Goel PE # 47431

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BASE RAIL ANCHORAGE (50X)



3A CONCRETE MONOLITHIC SLAB  
BASE RAIL ANCHORAGE  
SCALE: NTS  
(MINIMUM ANCHOR EDGE DISTANCE IS 4'.  
\* COORDINATE WITH LOCAL CODES/ORD.)



3B CONCRETE MONOLITHIC SLAB  
RAIL ANCHORAGE  
SCALE: NTS  
(MINIMUM ANCHOR EDGE DISTANCE IS 4'.  
\* COORDINATE WITH LOCAL CODES/ORD.)

GENERAL NOTES

NOTE: CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 1,500 PSF.

CONCRETE:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318:

3' IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2" ELSEWHERE.

REINFORCING STEEL:

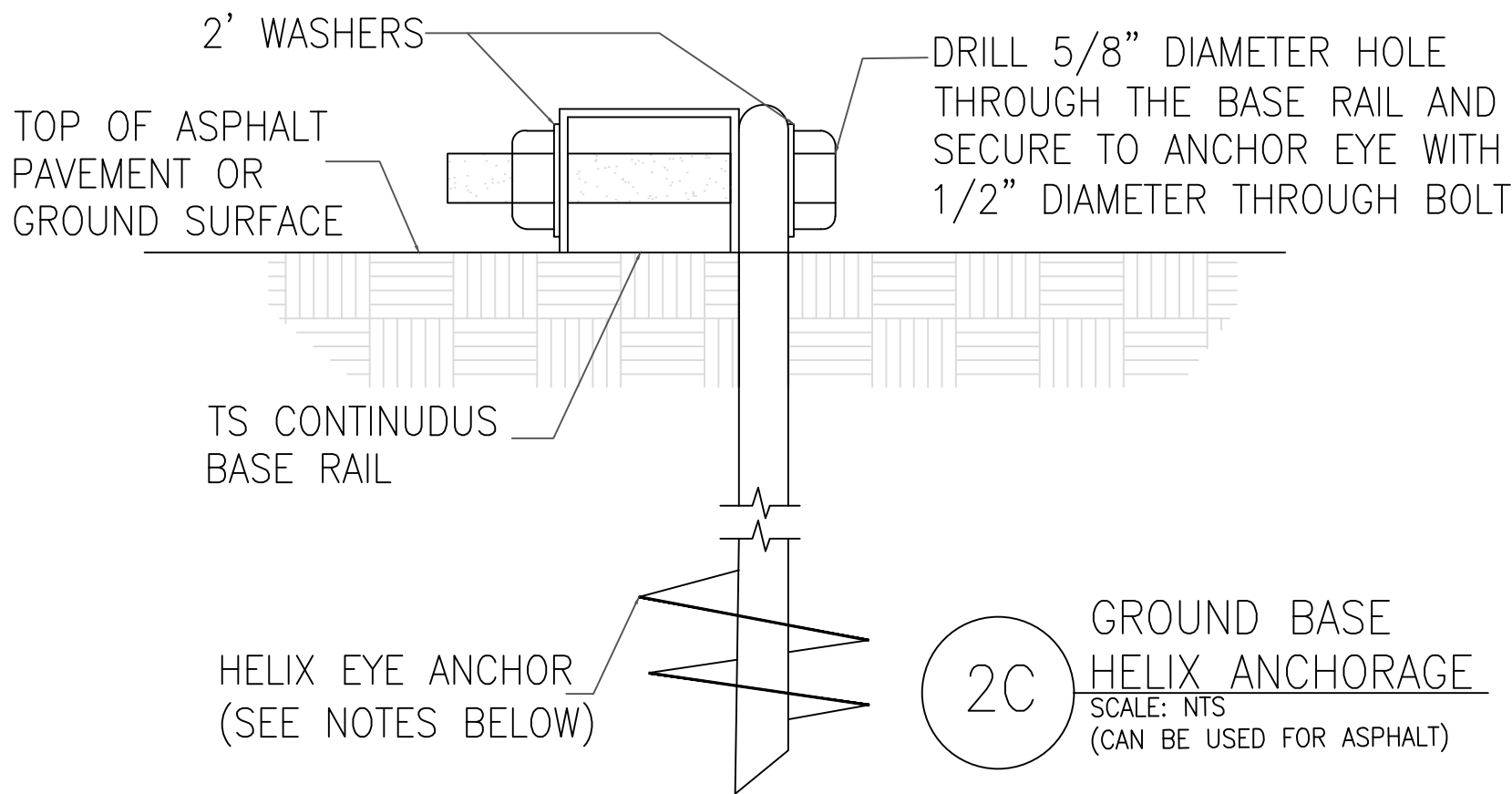
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

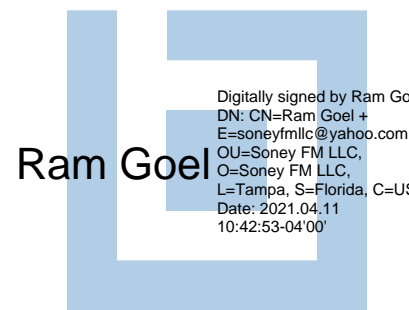
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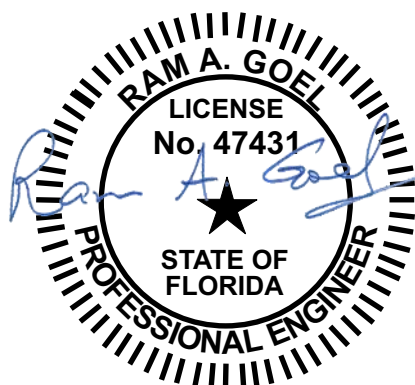
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2C GROUND BASE  
HELIX ANCHORAGE  
SCALE: NTS  
(CAN BE USED FOR ASPHALT)



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Job # S2081

Drawn By: K.D.

Checked By: S.G.

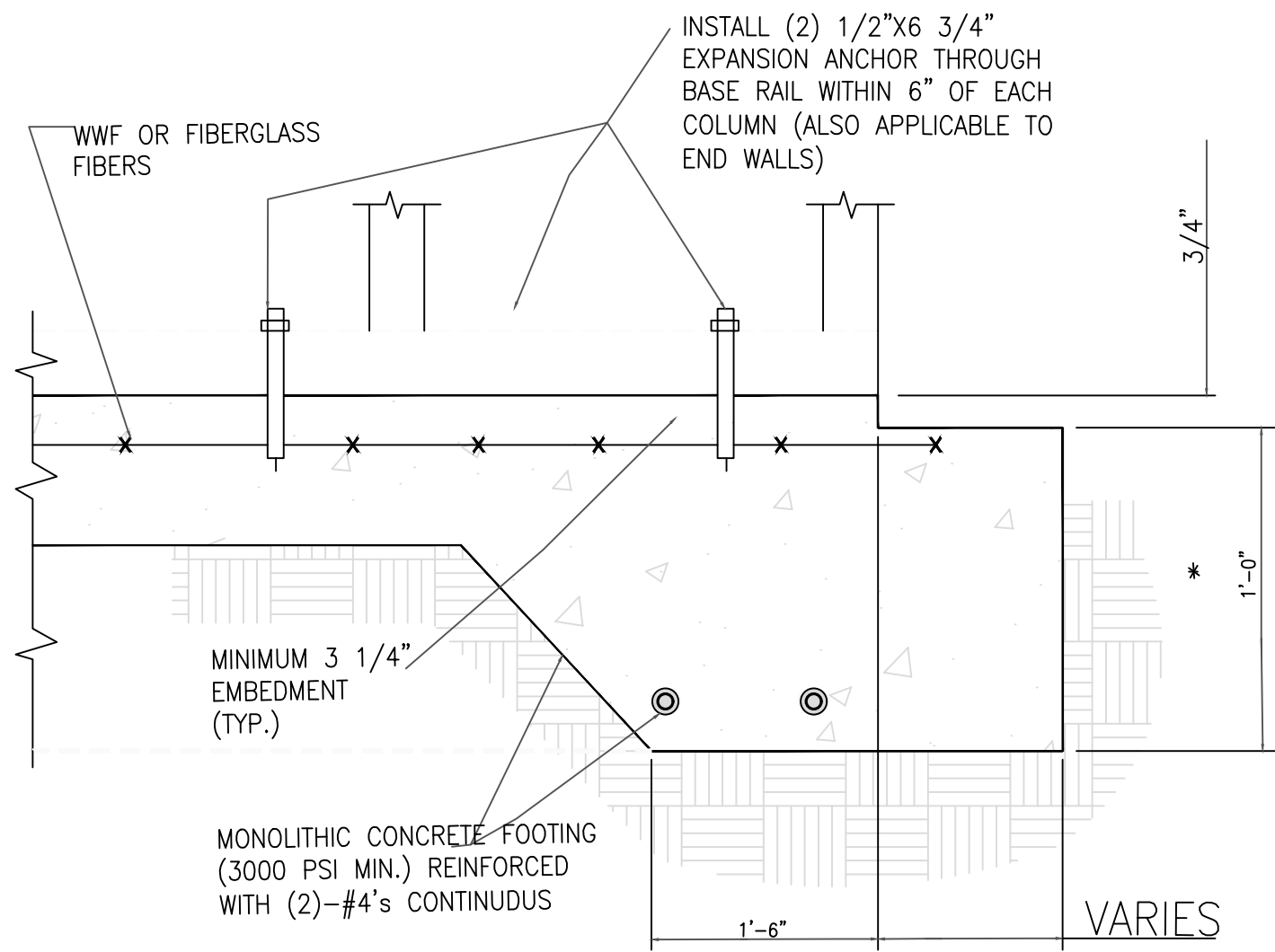
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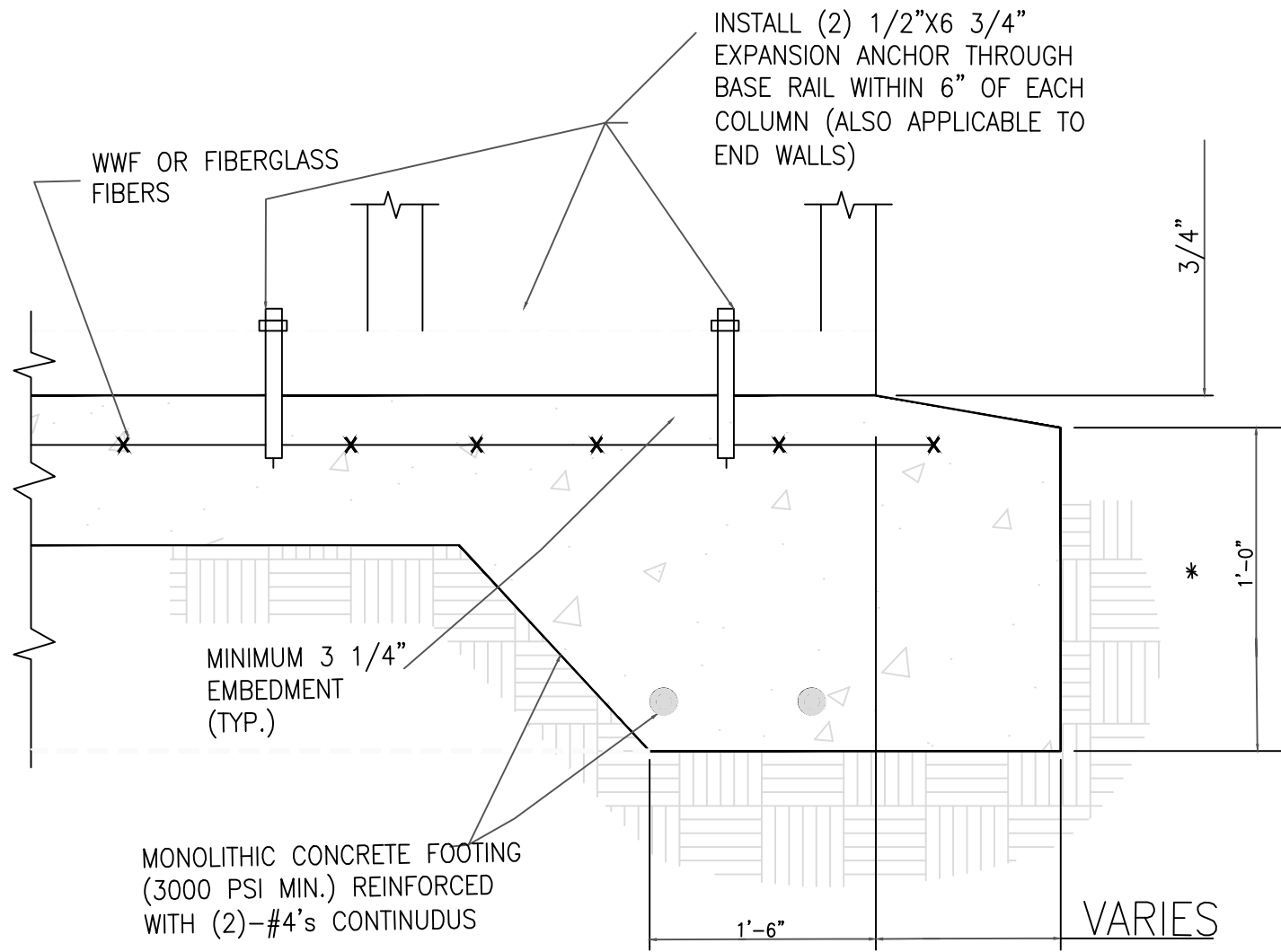
BASE RAIL ANCHORAGE (50X)

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060

BASE RAIL ANCHORAGE (40X)



3A CONCRETE MONOLITHIC SLAB  
BASE RAIL ANCHORAGE  
SCALE: NTS  
(MINIMUM ANCHOR EDGE DISTANCE IS 4'.  
\* COORDINATE WITH LOCAL CODES/ORD.)



3B CONCRETE MONOLITHIC SLAB  
RAIL ANCHORAGE  
SCALE: NTS  
(MINIMUM ANCHOR EDGE DISTANCE IS 4'.  
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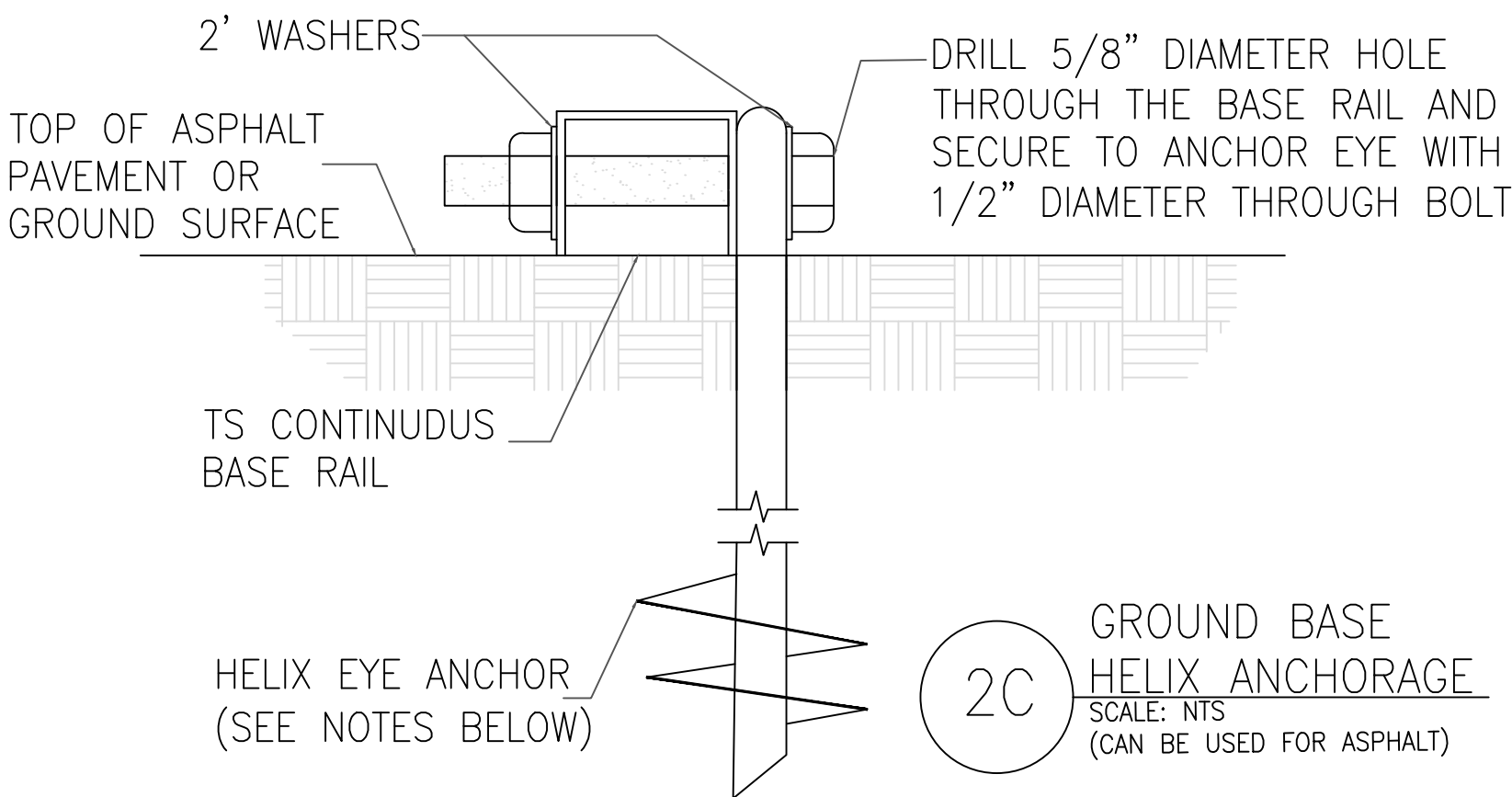
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2C GROUND BASE  
HELIX ANCHORAGE  
SCALE: NTS  
(CAN BE USED FOR ASPHALT)

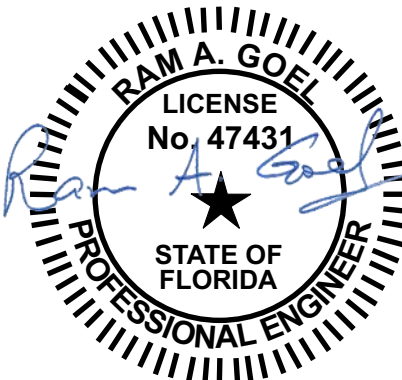


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www.soneyfmllc.com

Job # S2081

Drawn By: K.D.

Checked By: S.G.

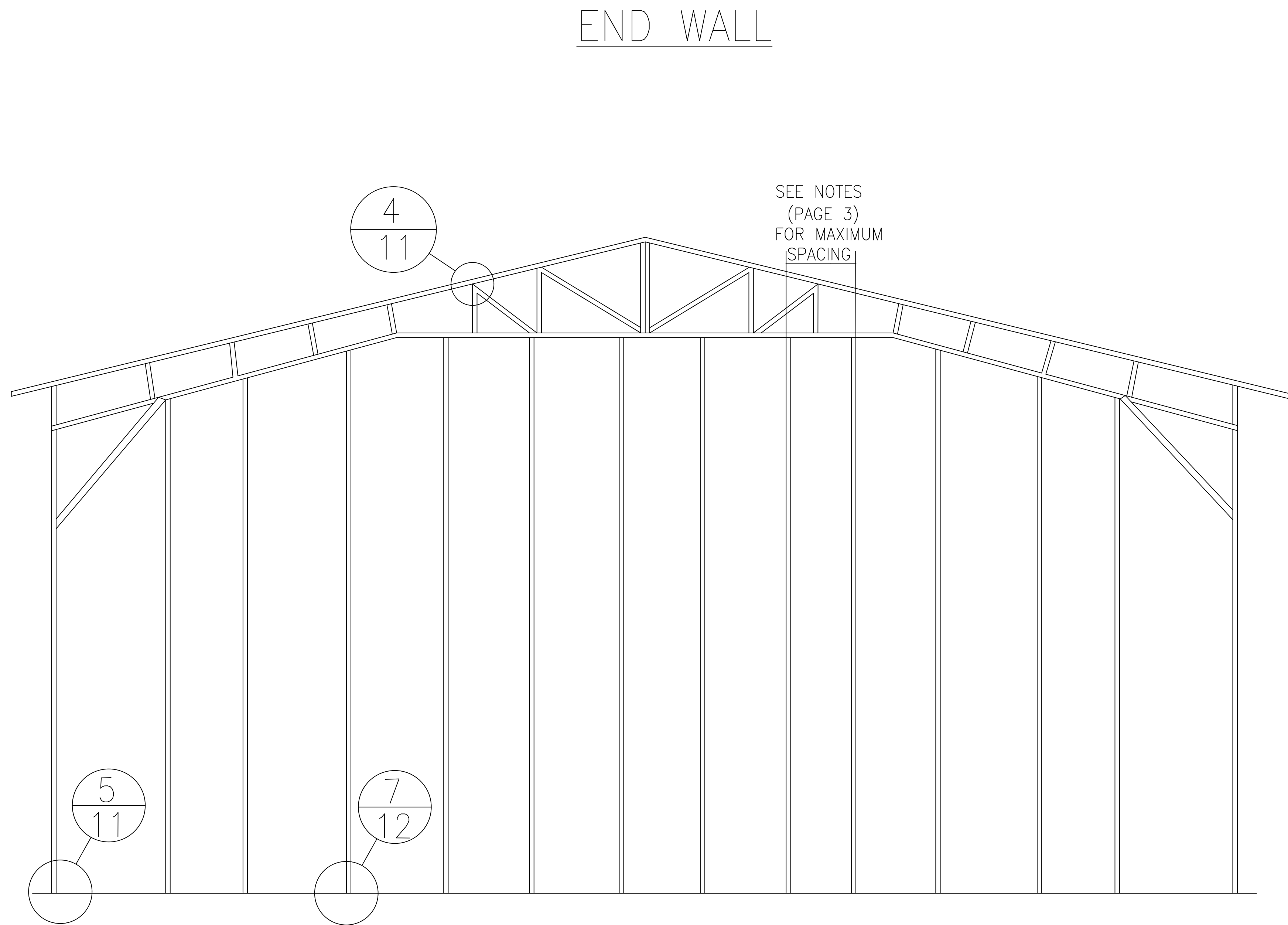
Issue Date: 04-10-21

Revisions:

No.	Date	Description
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BASE RAIL ANCHORAGE (40X)

SECOND STEEL BUILDINGS AND STRUCTURE, INC.  
P.O BOX 1287, MOUNT AIRY,  
NC 27030



TYPICAL END WALL FRAME SECTION

SCALE: NTS

Richard G. Marceau, P.E. # 64466  
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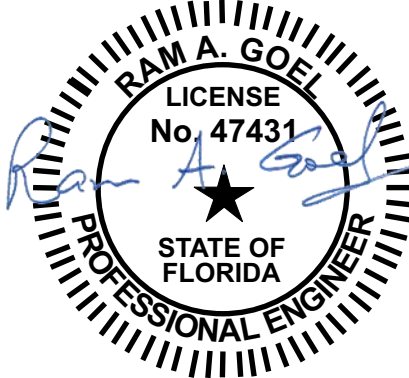
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**Ram Goel**  
Digitally signed by Ram  
Goel  
DN: cn=Ram Goel, o=SONEY FM LLC,  
ou=Engineering, email=ramgoel@son  
eyfmllc.com, c=US

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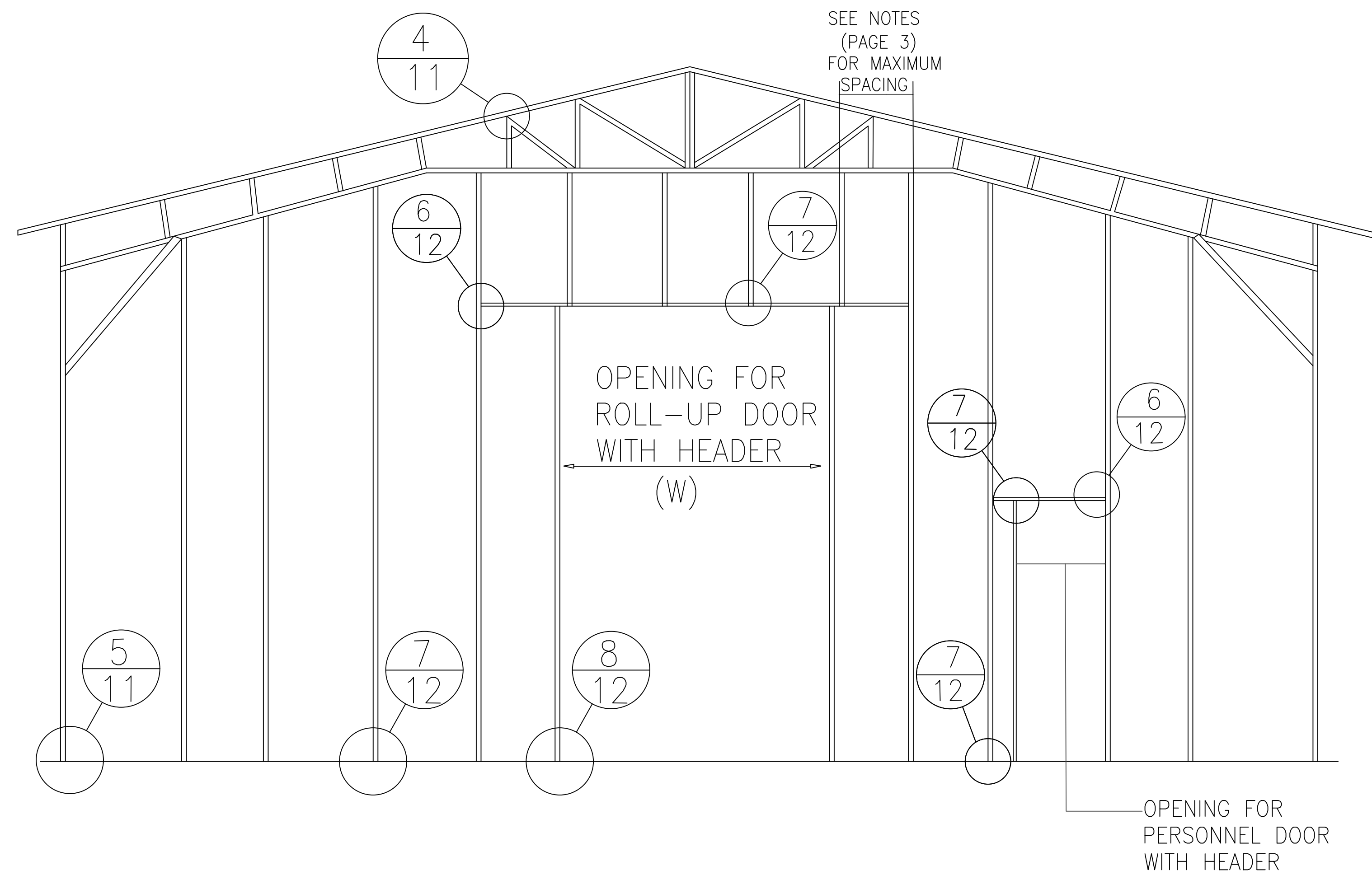
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END WALL

SECOND STEEL BUILDINGS AND STRUCTURE, INC.  
P.O BOX 1287, MOUNT AIRY,  
NC 27030

END WALL OPENINGS



TYPICAL END WALL OPENINGS FRAME SECTION

SCALE: NTS

MAXIMUM ROLL-UP DOOR OPENING WITH (W)'  
 $W \leq 6'-0''$  WITH ONE (1) TS HEADER  
 $6'-0'' < W \leq 12'-0''$  WITH TWO (2) TS HEADER

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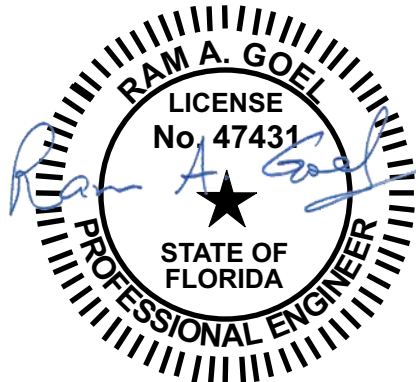
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END WALL OPENINGS

ELITE METAL MANUFACTURING, LLC  
10121 88TH TRACE  
LIVE OAK, FL 32060



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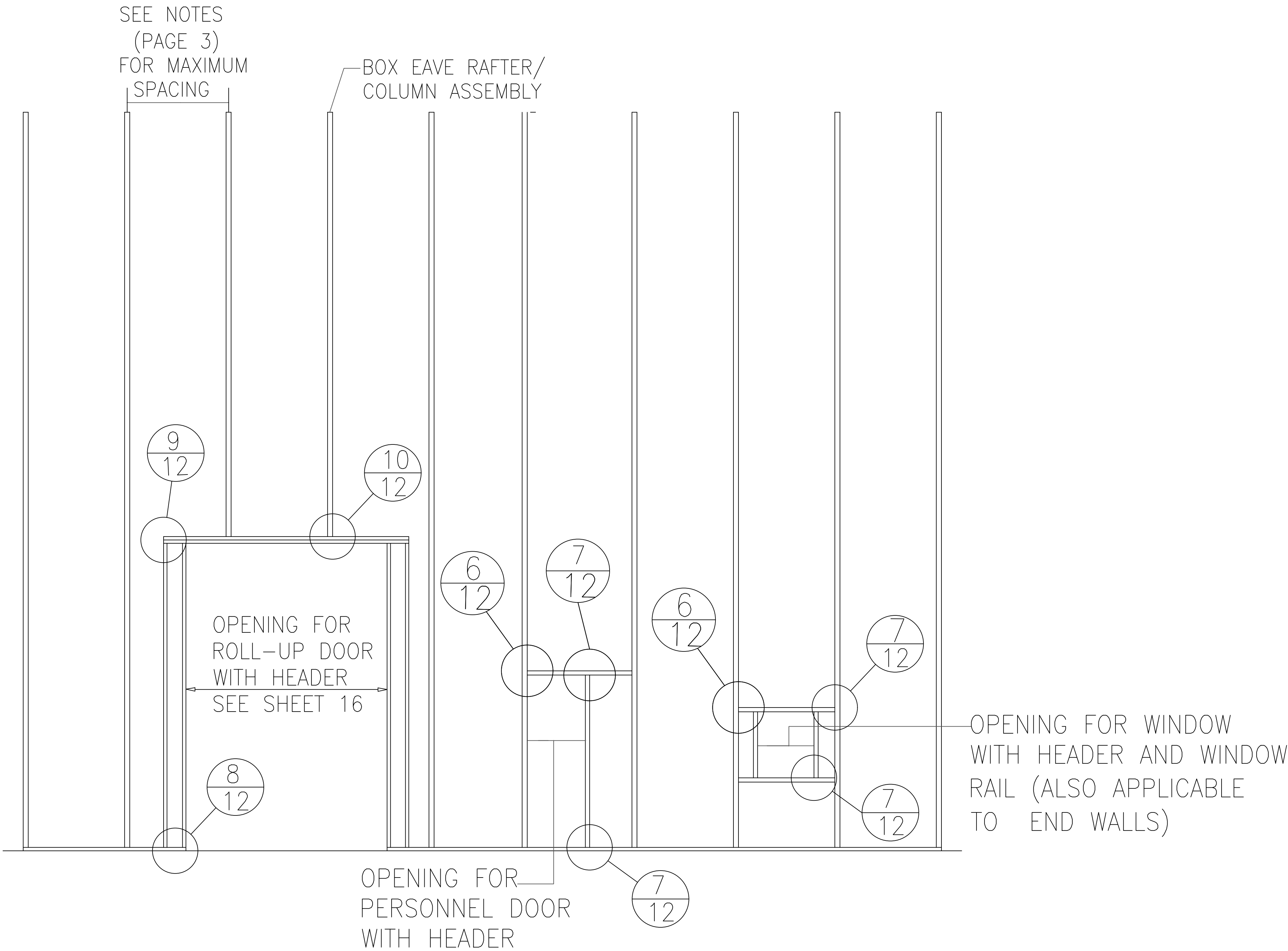


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SIDE WALL OPENINGS



TYPICAL SIDE WALL OPENINGS FRAMING SECTION  
SCALE: NTS

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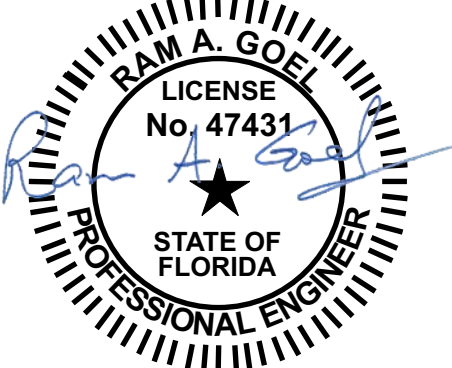
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SIDE WALL OPENINGS

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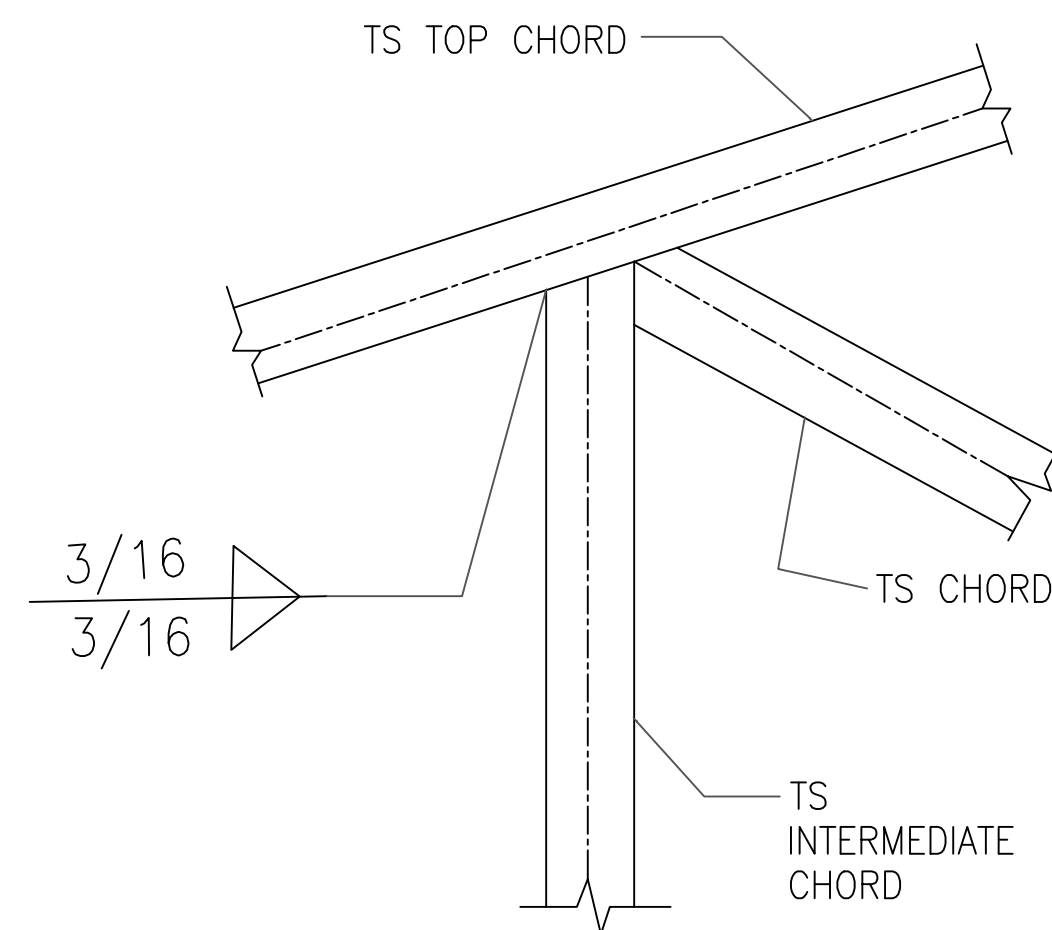


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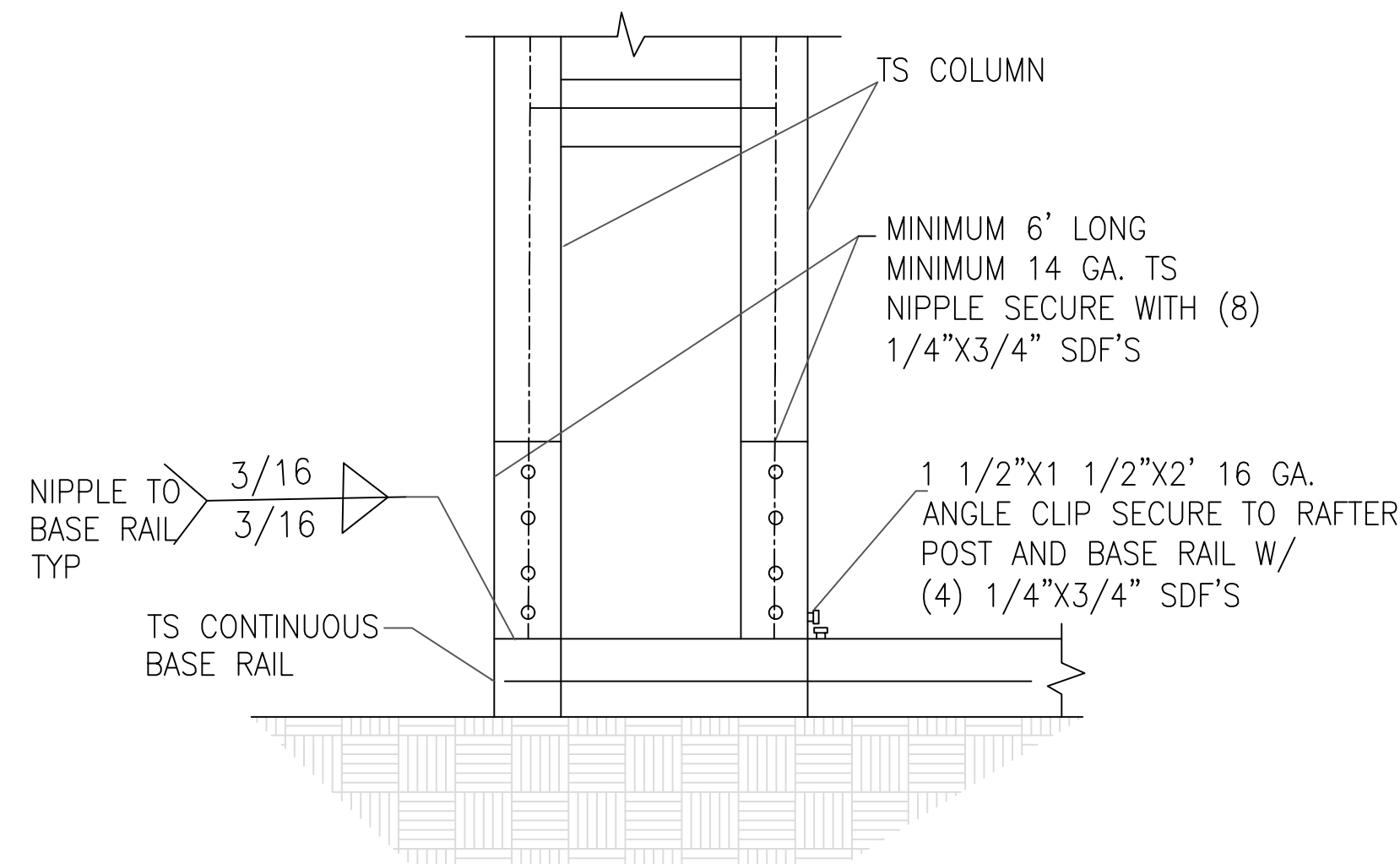
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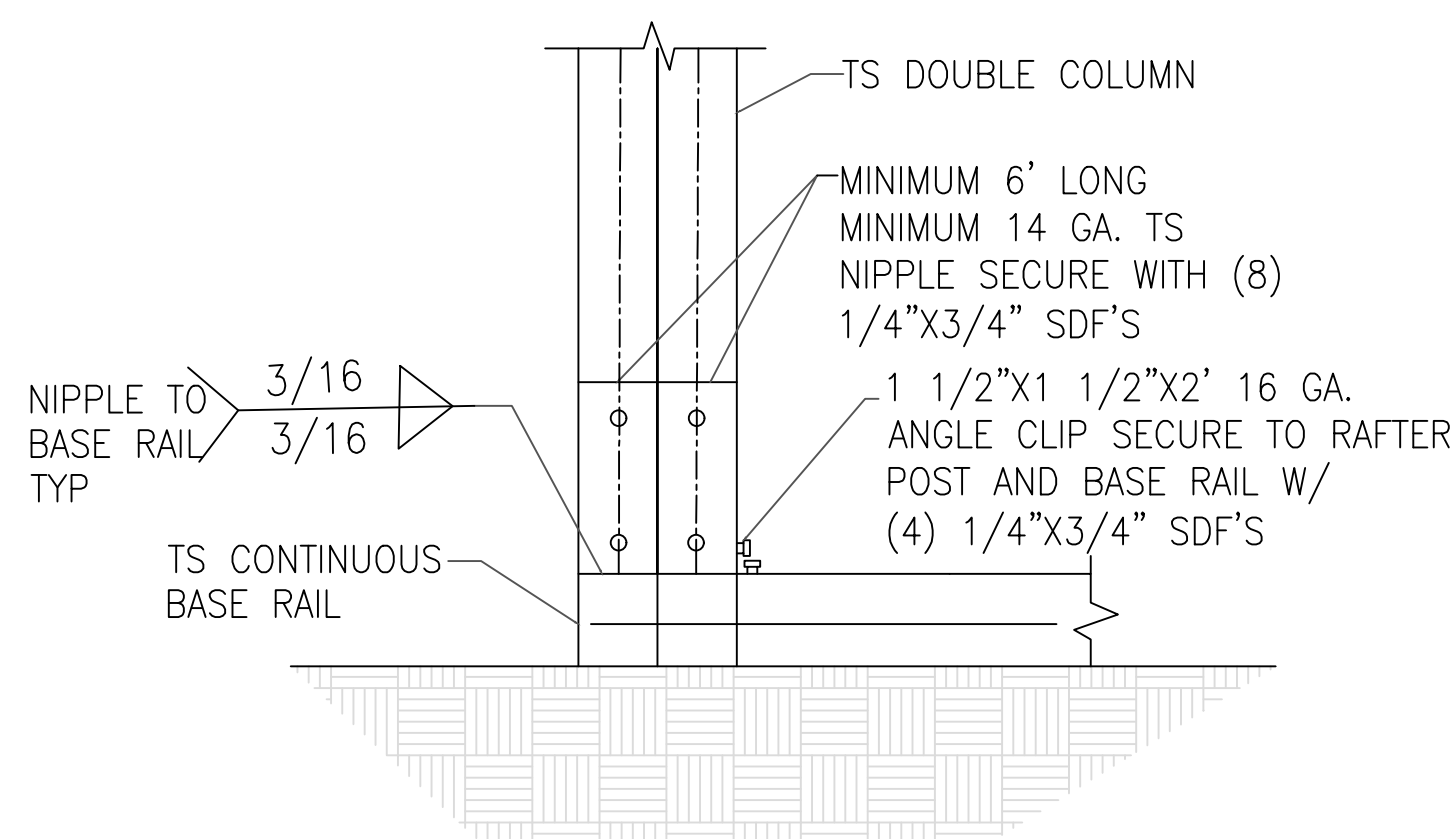
# WALL OPENING DETAILS



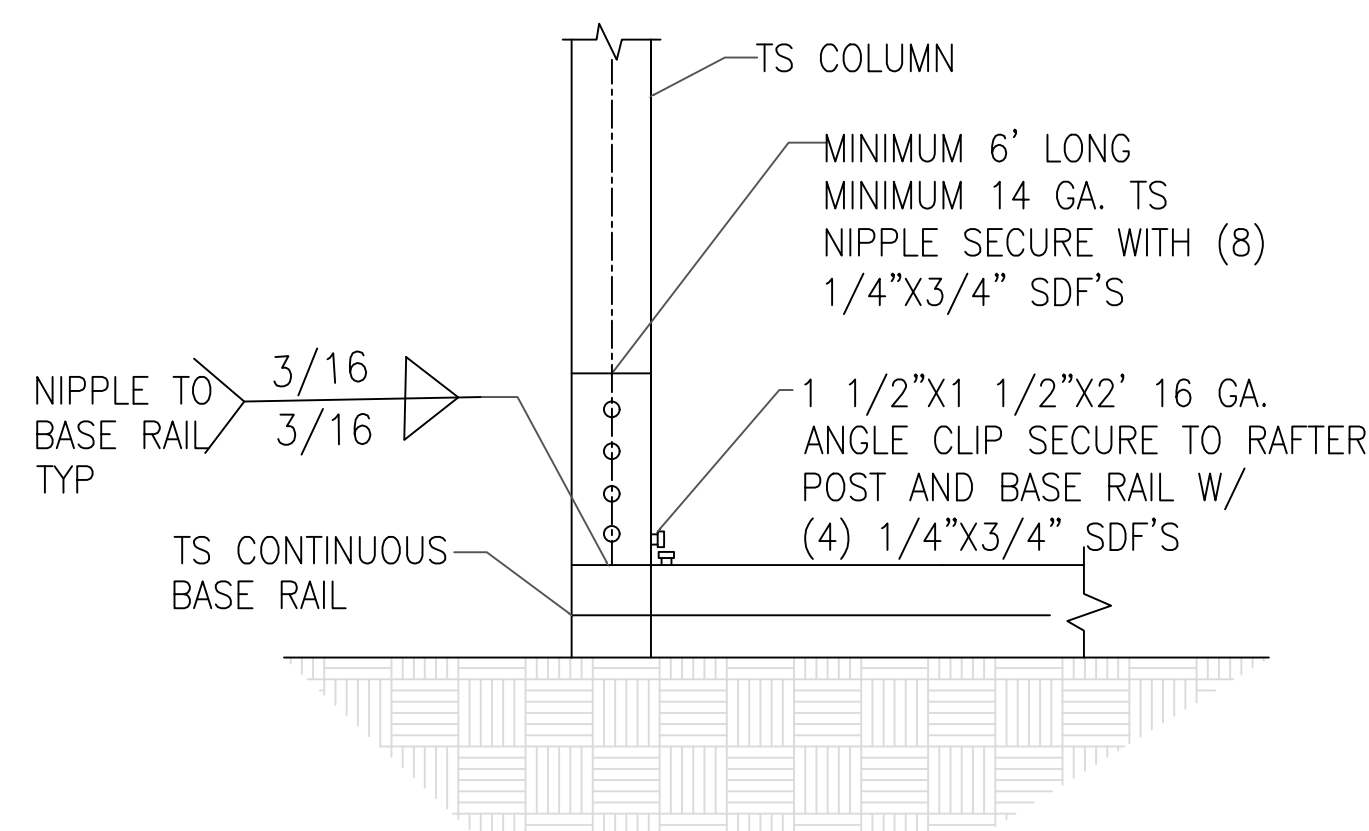
4  
INTERMEDIATE CHORD  
TO TOP CHORD  
CONNECTION DETAIL  
SCALE: NTS



5  
END COLUMN/BASE RAIL  
CONNECTION DETAIL  
SCALE: NTS



5A  
END POST/BASE RAIL  
CONNECTION DETAIL  
SCALE: NTS



5B  
END POST/BASE RAIL  
CONNECTION DETAIL  
SCALE: NTS



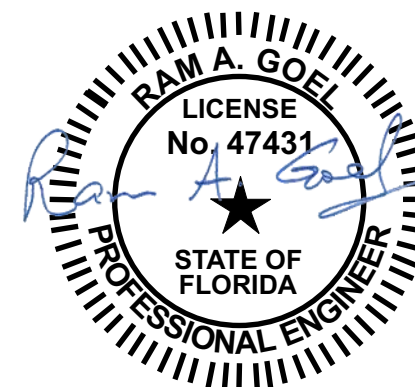
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WALL OPENING DETAILS

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10121 88TH TRACE  
LIVE OAK, FL 32060



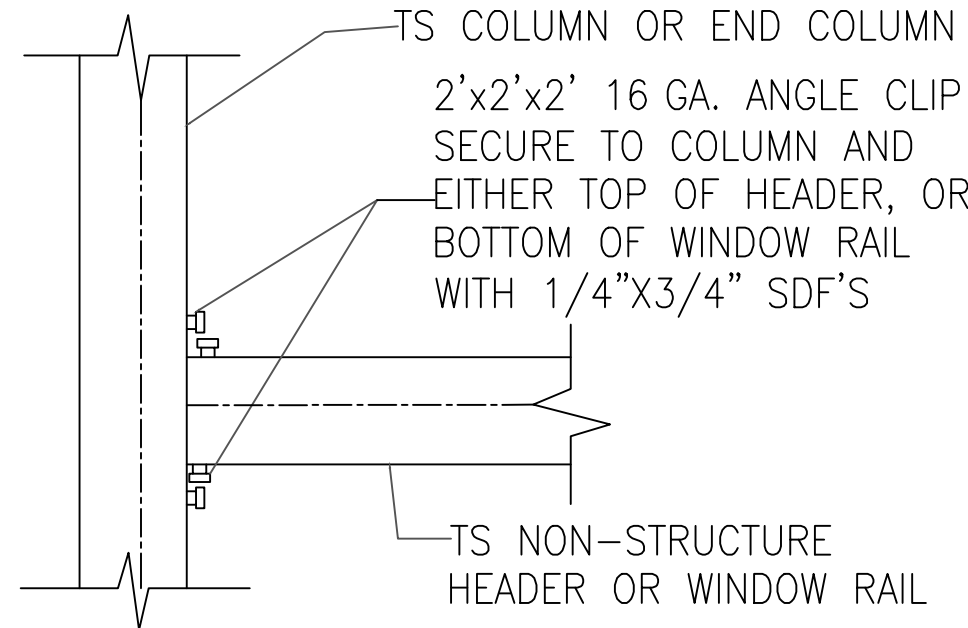
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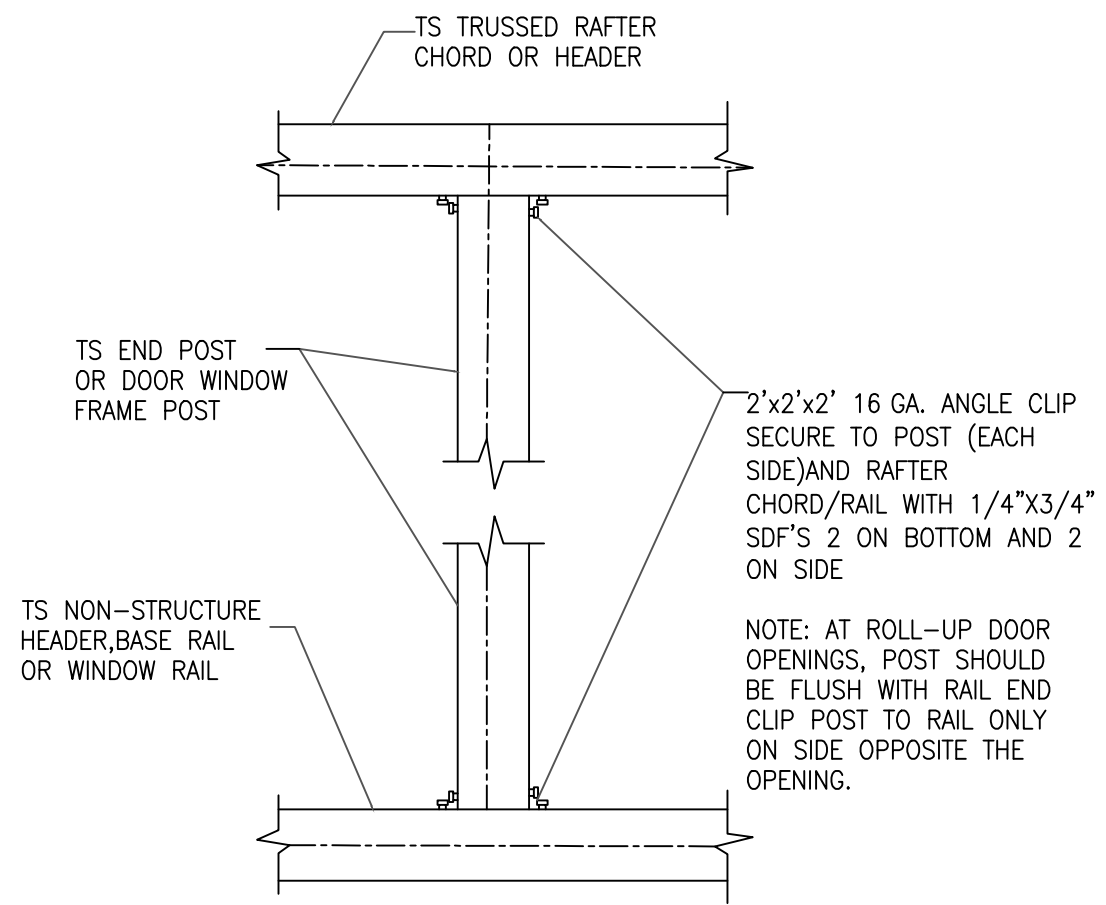
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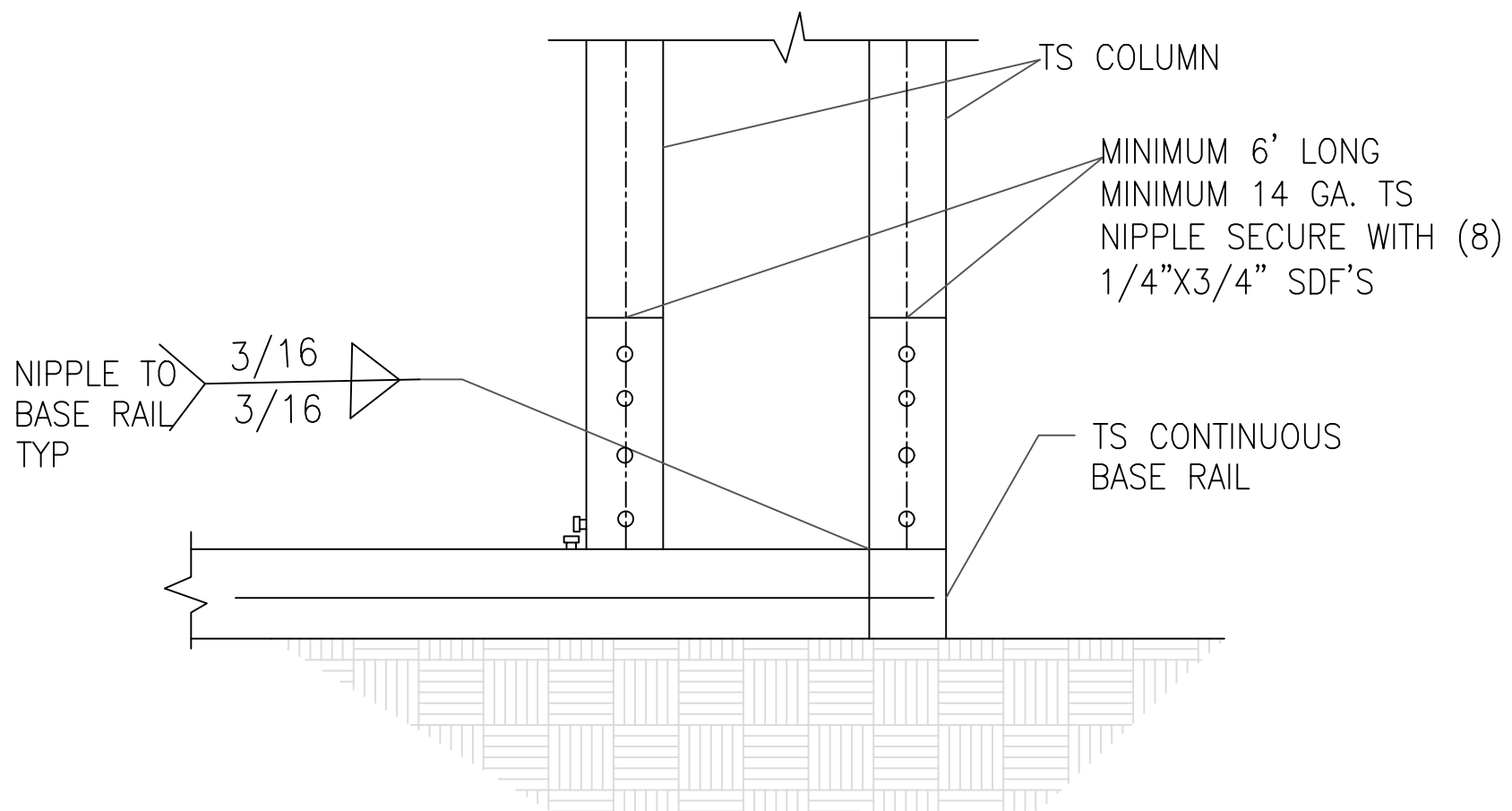
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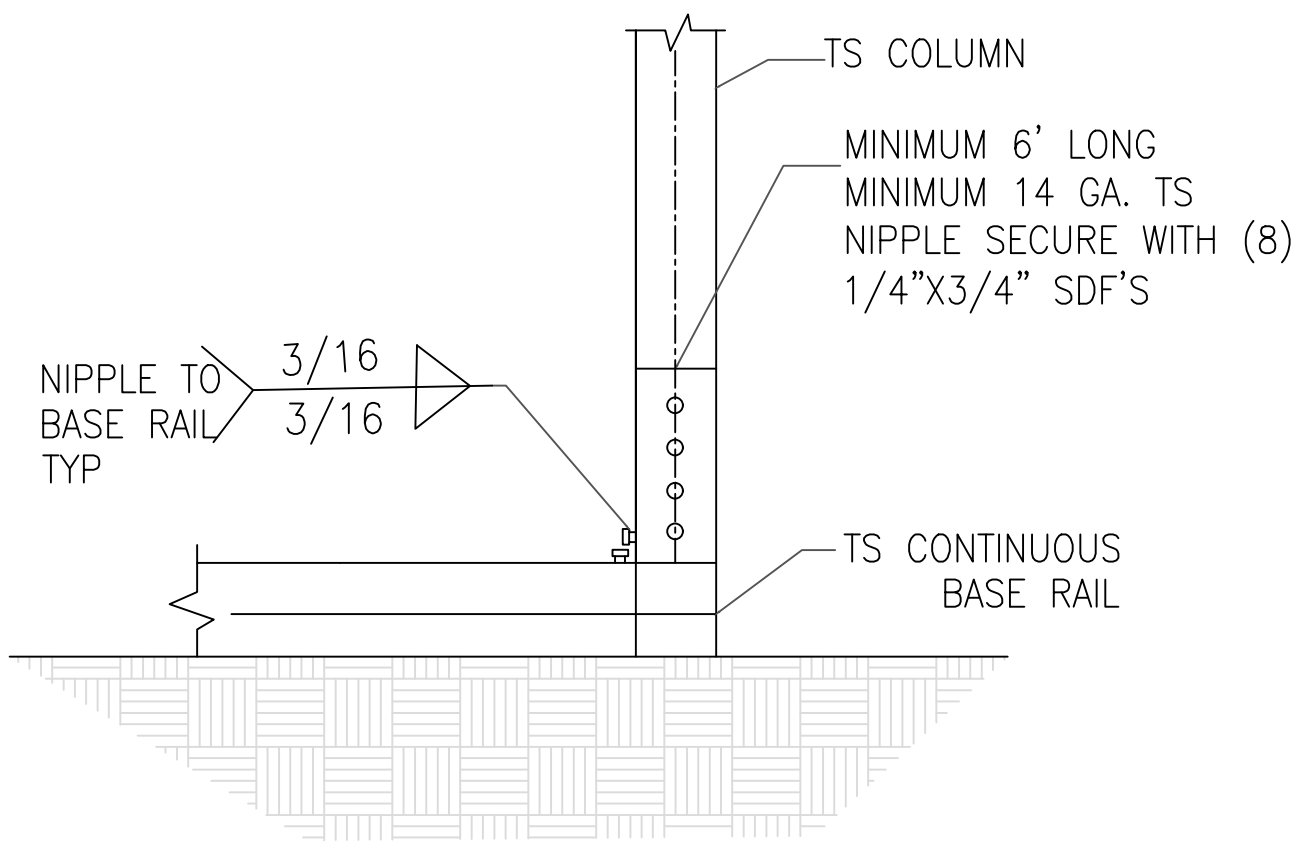
6 COLUMN TO HEADER, BASE RAIL OR WINDOW RAIL CONNECTION DETAIL  
SCALE: NTS



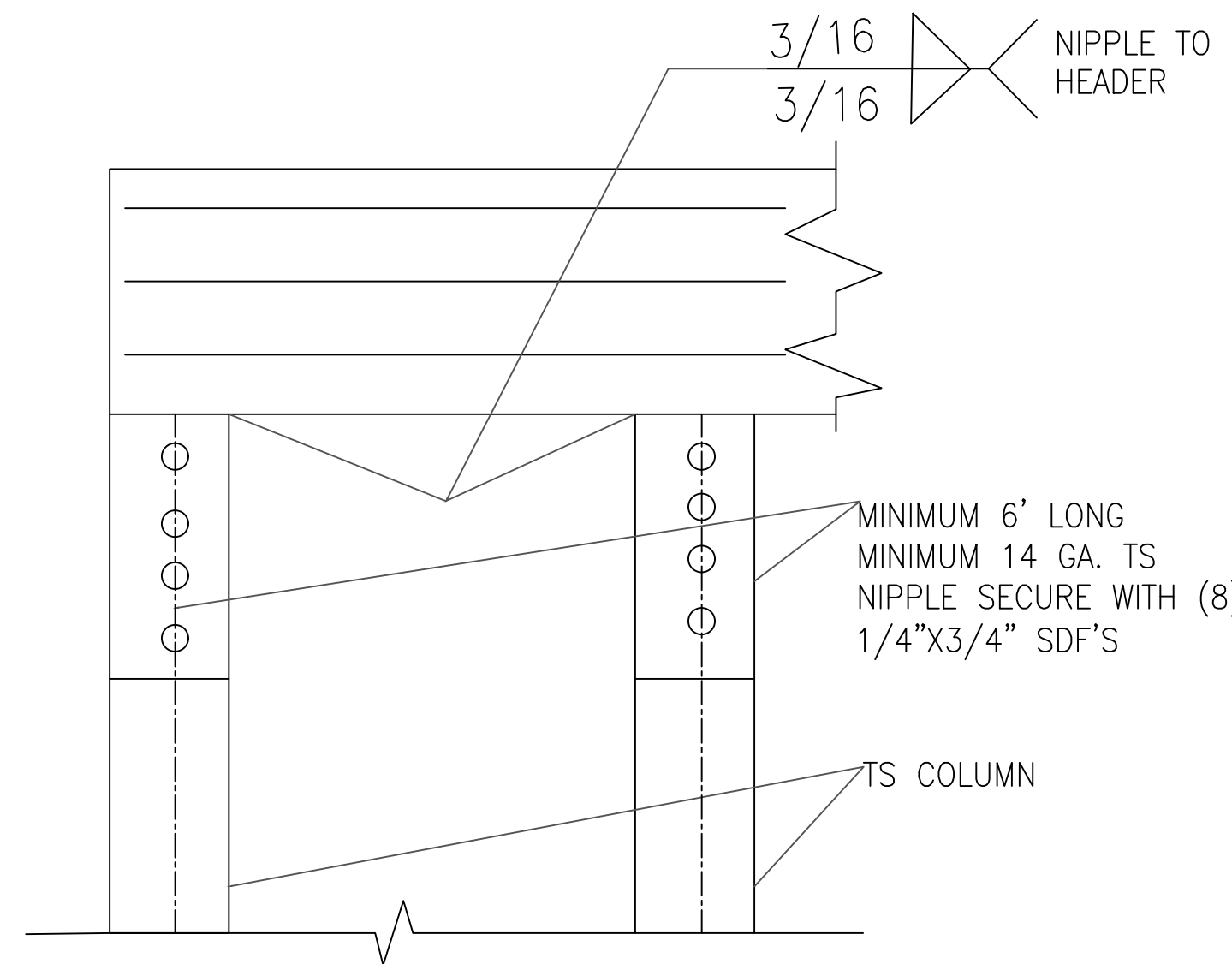
7 HEADER OR WINDOW RAIL TO POST CONNECTION DETAIL  
SCALE: NTS



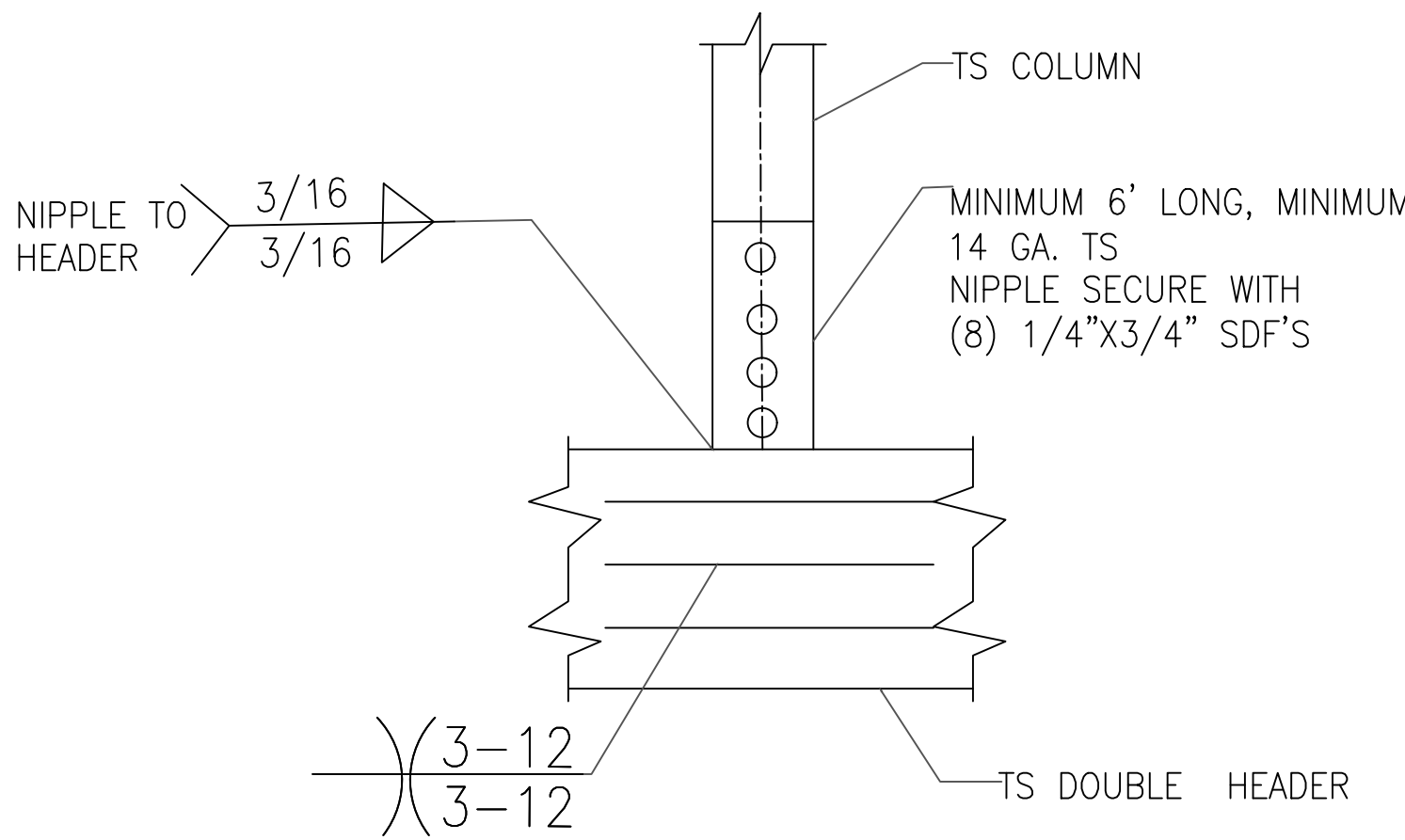
8 COLUMN/BASE RAIL CONNECTION DETAIL  
SCALE: NTS



8A COLUMN/BASE RAIL CONNECTION DETAIL  
SCALE: NTS



9 DOUBLE HEADER/COLUMN CONNECTION DETAIL  
SCALE: NTS



10 COLUMN/DOUBLE HEADER CONNECTION DETAIL  
SCALE: NTS



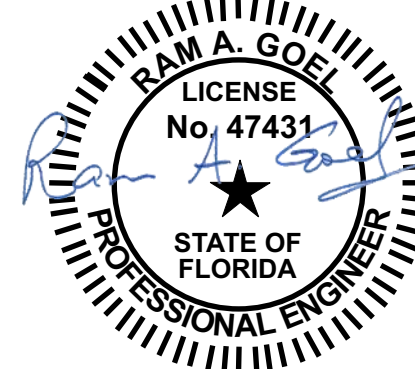
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Checked By: S.G.

Issue Date: 04-10-21		
Revisions:		
No.	Date	Description
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WALL OPENING DETAILS

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Diagram illustrating the Main Structure and Door Extension Options.

The Main Structure is shown with a TS TRUSS roof. The structure is labeled "MAIN STRUCTURE".

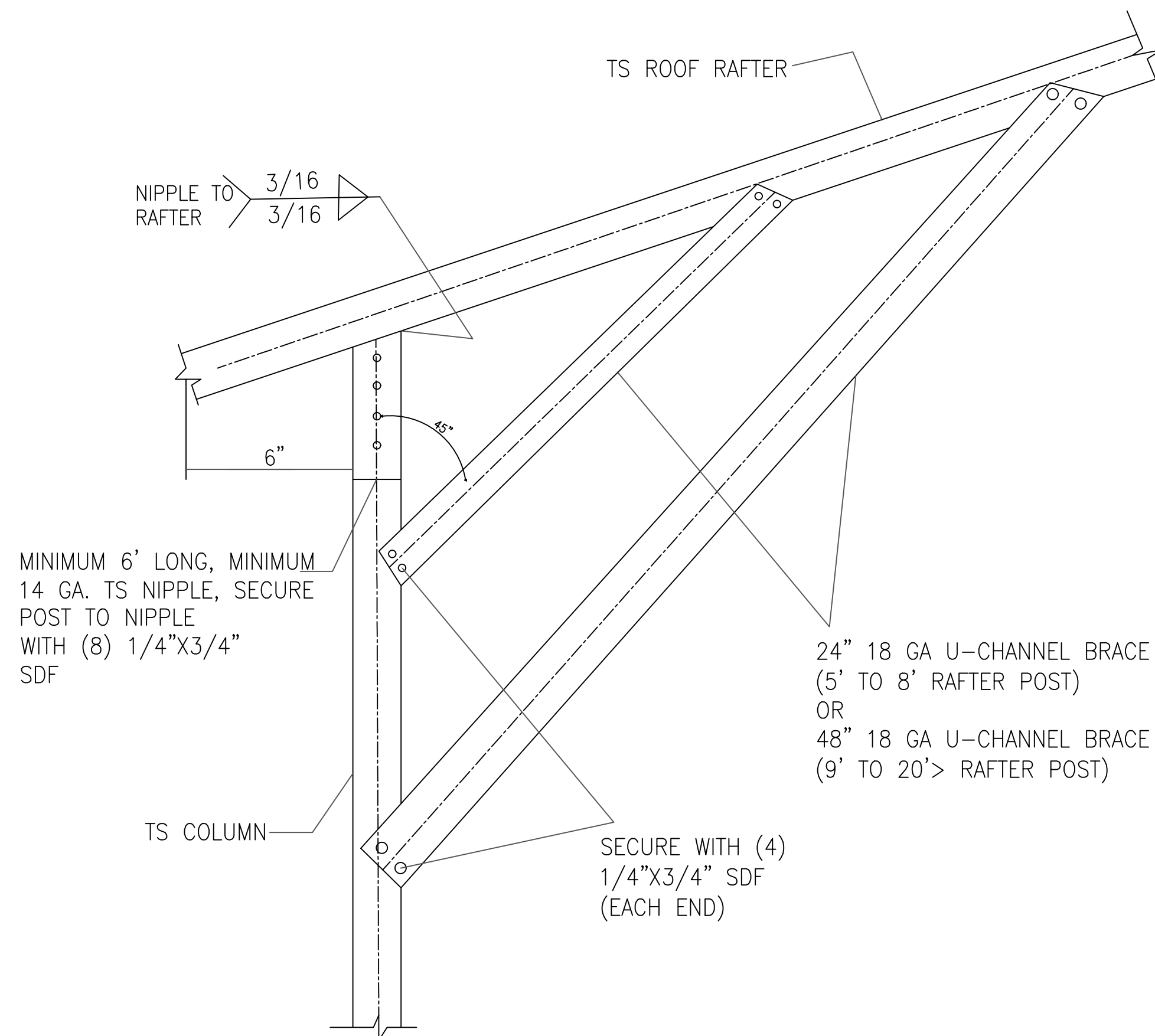
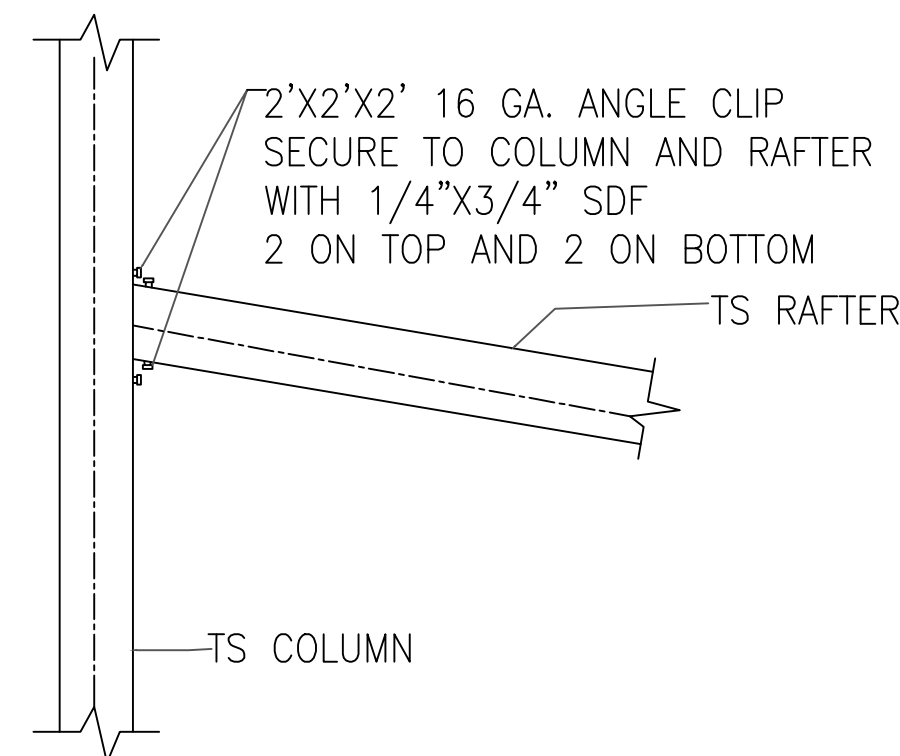
Two options for door extension are shown:

- DOOR EXTENSION OPTION:** This option shows a door extension on the left side of the main structure. The extension is labeled "DOOR EXTENSION OPTION".
- LEAN-TO OPTION:** This option shows a lean-to extension on the right side of the main structure. The extension is labeled "LEAN-TO OPTION".

Dimensions and labels for the components are provided:

- 60'-0" MAXIMUM RAFTER SPAN (W)
- Labels for components: 1, 13, 3, 13, 2, 8, 3, 9, 3, 17, 2, 8, 3, 9, 3, 17, 2, 8, 3, 9, 3, 17.

MAXIMUM WIDTH OF ROOF EXTENSION/LEAN-TO WITH DOUBLE TS RAFTER IS 16'-0"



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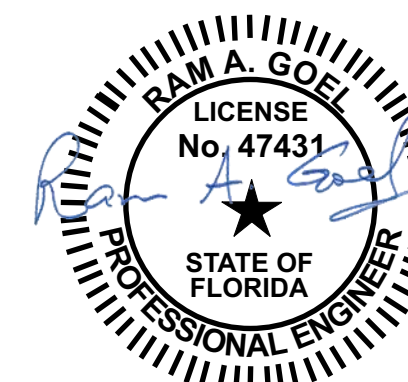
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LEAN-TO OPTIONS

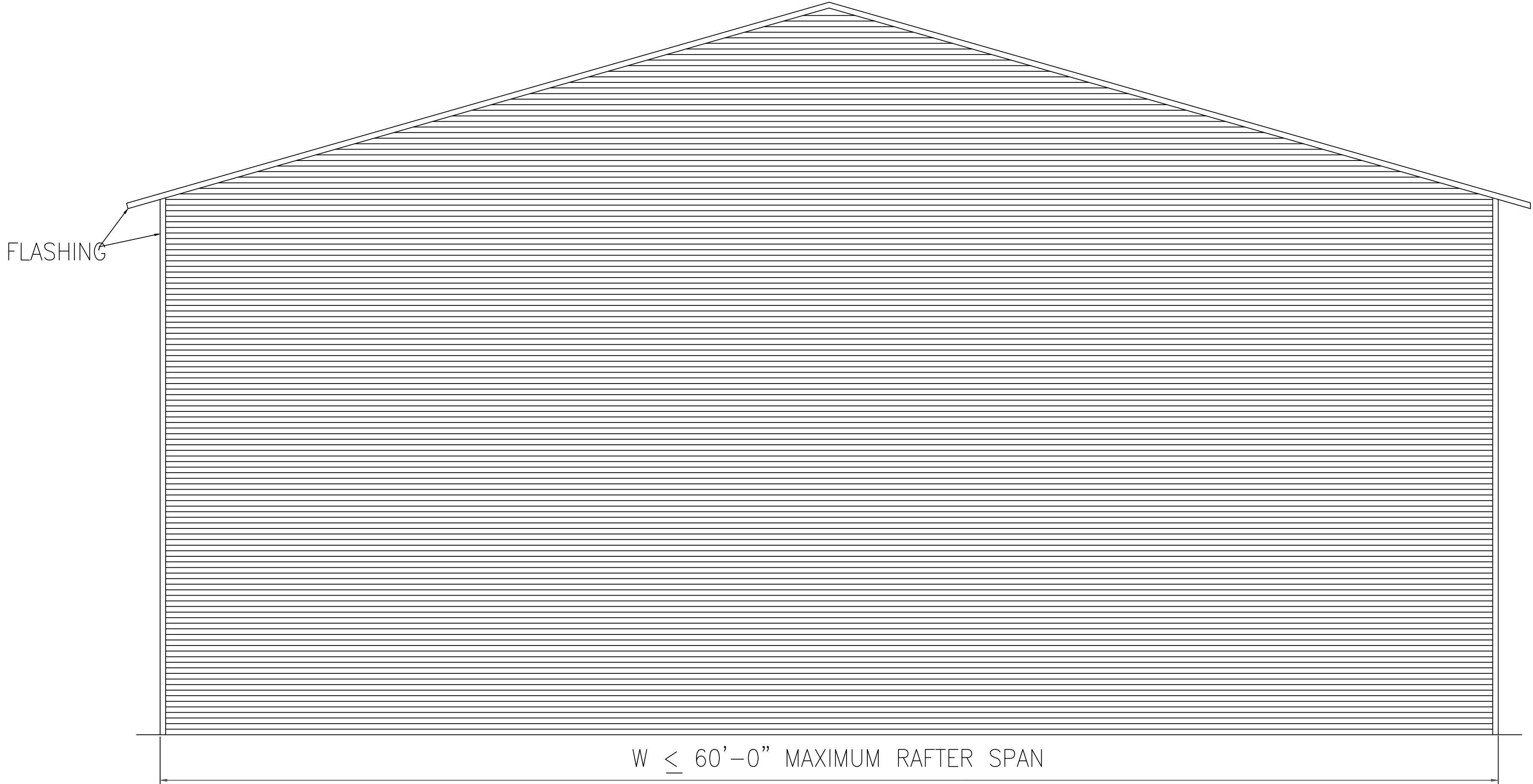
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26



VERTICAL ROOF/SIDING OPTION



TYPICAL END ELEVATION VERTICAL ROOF/SIDING  
SCALE: NTS

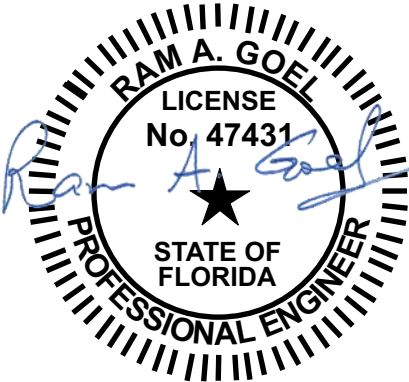


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VERTICAL ROOF/SIDING OPTION  
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VERTICAL ROOF/SIDING OPTION



TYPICAL END ELEVATION—VERTICAL ROOF  
SCALE: NTS



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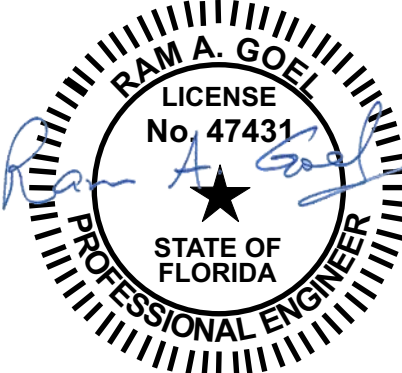
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VERTICAL ROOF/SIDING OPTION

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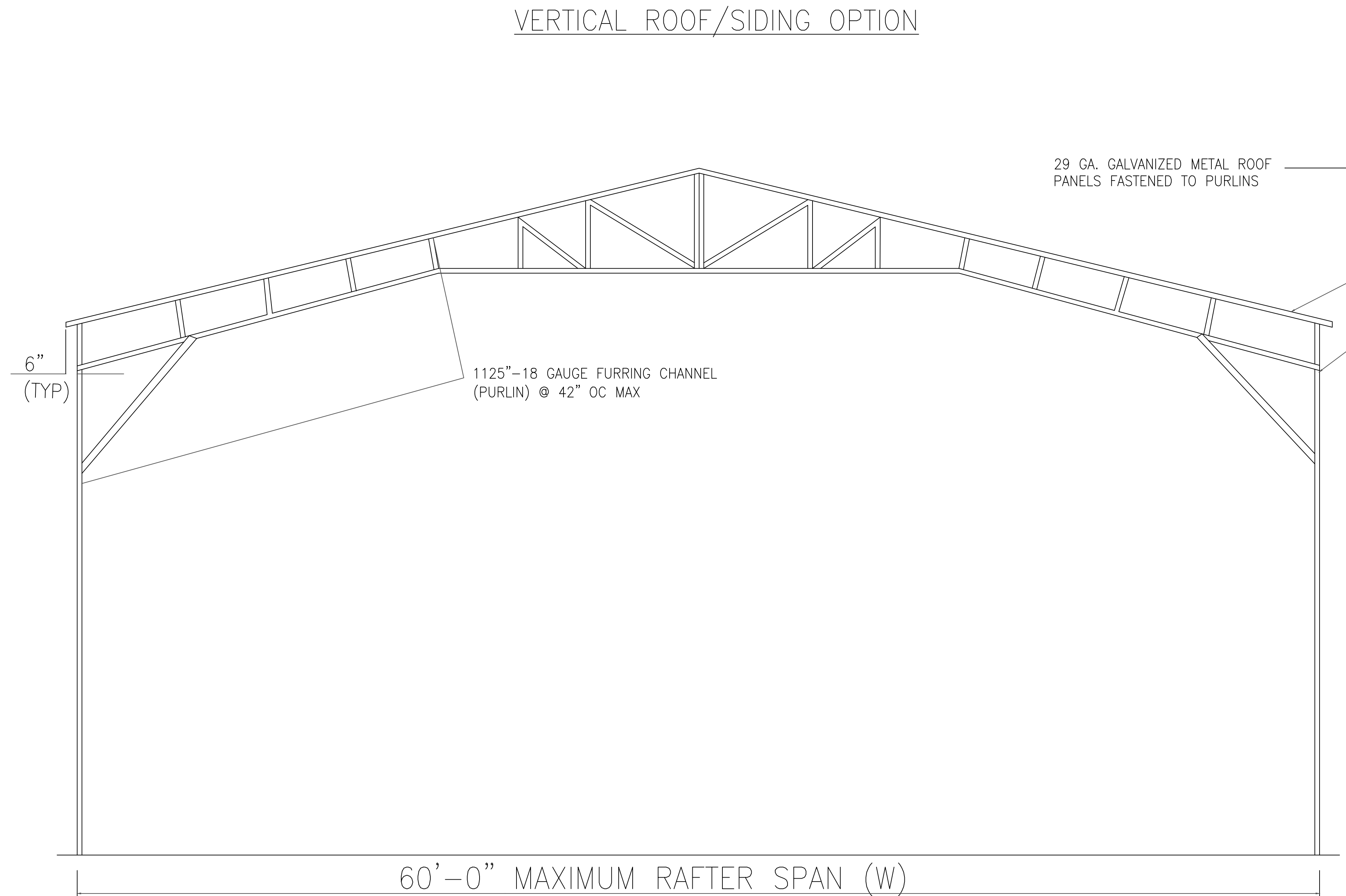
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TYPICAL SECTION VERTICAL ROOF/SIDING OPTION  
SCALE: NTS

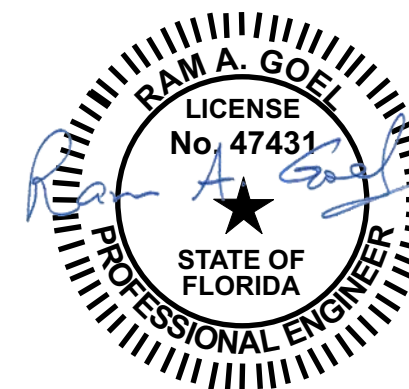
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Engineer@ramgoel.com  
License: 47431  
Date: 2021.04.10  
10:30:04-04'00'

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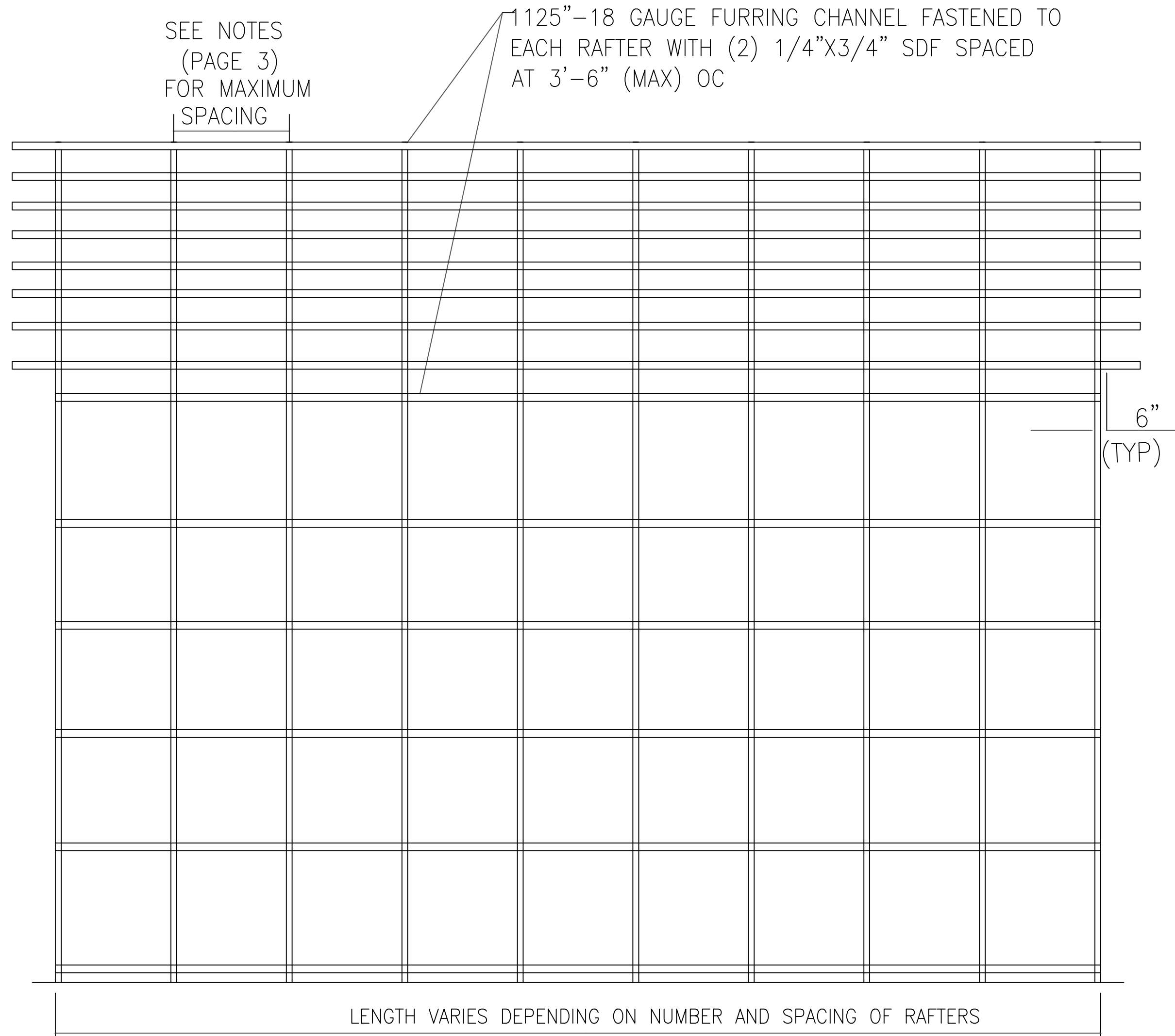
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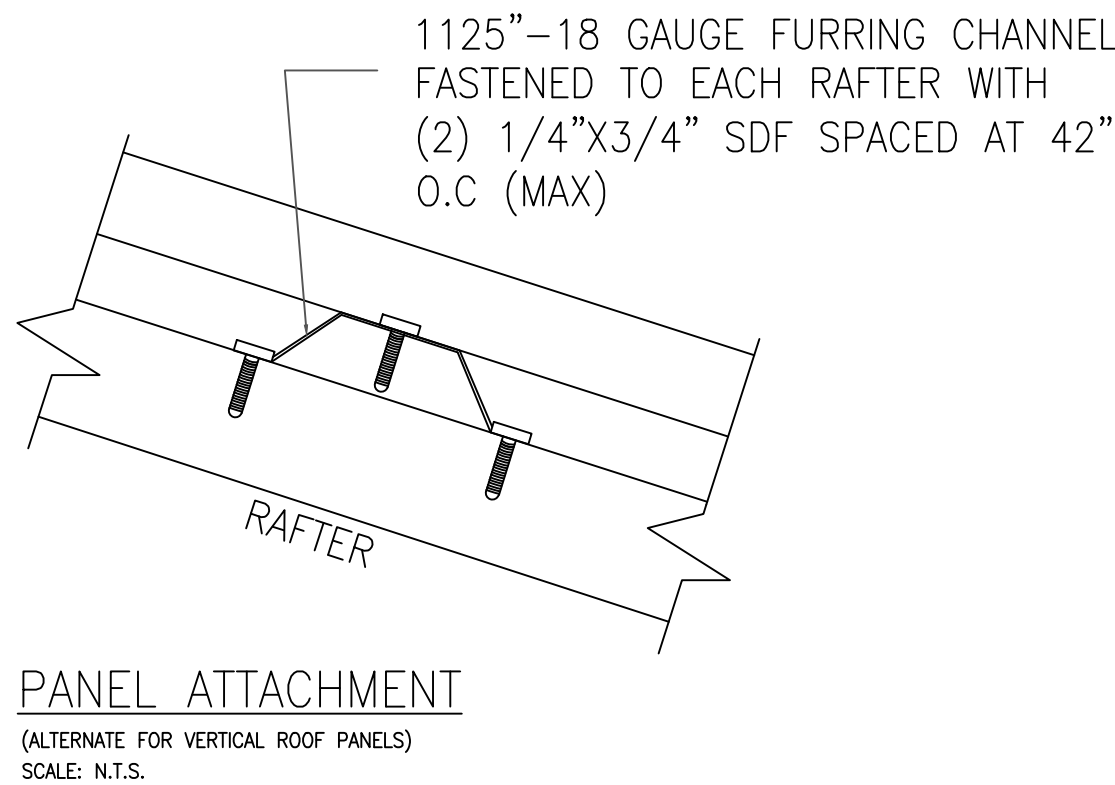
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VERTICAL ROOF/SIDING OPTION



TYPICAL FRAMING SECTION VERTICAL ROOF/SIDING OPTION  
SCALE: NTS



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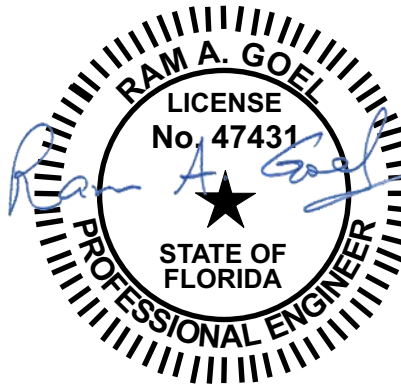
**Ram Goel**  
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Goel  
DN: cn=Ram Goel, o=Elite Metal Manufacturing, LLC, ou=Elite Metal Manufacturing, LLC, email=ramgoel@elitemetal.com, c=US  
Date: 2021.08.11  
10:28:29-0500

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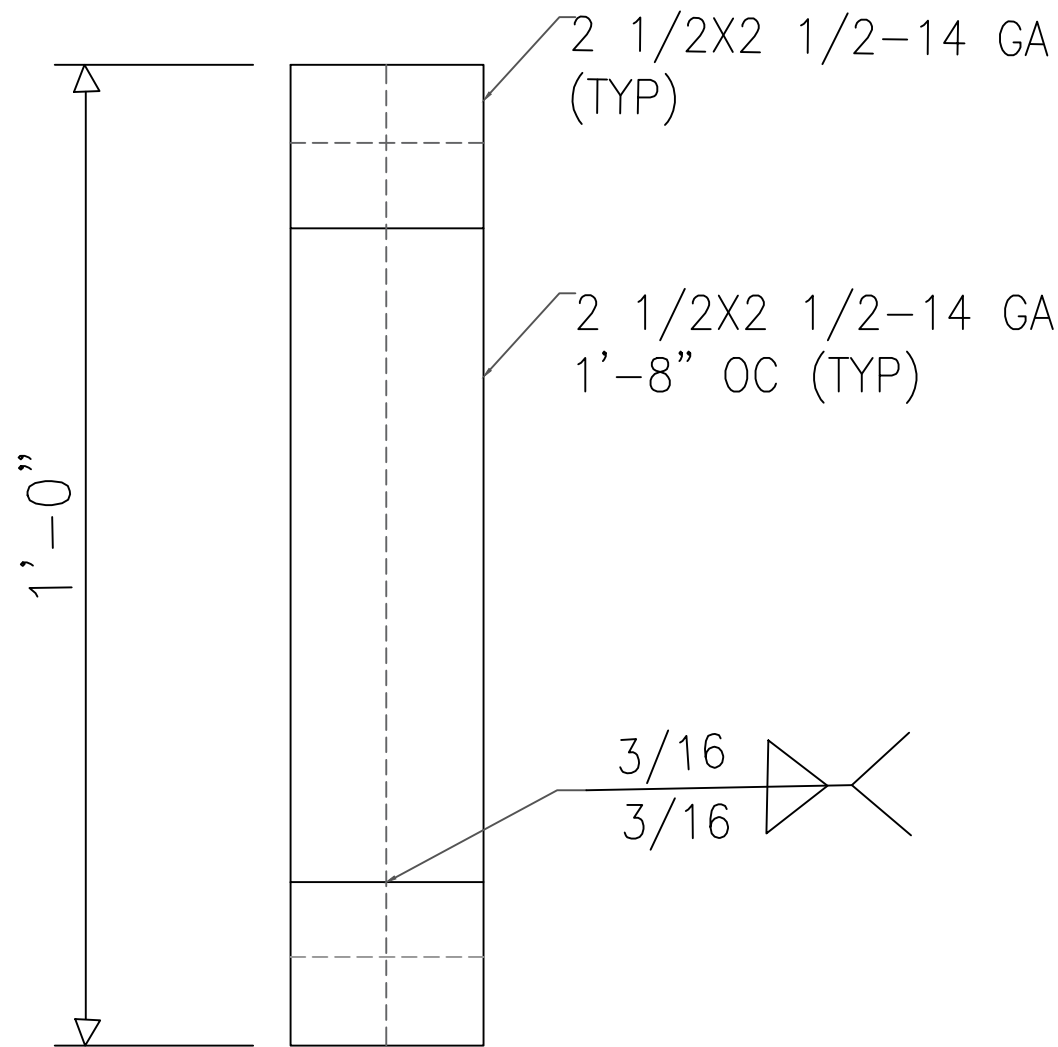
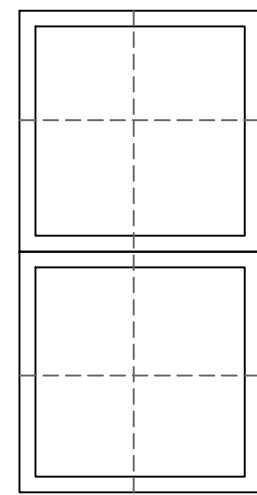
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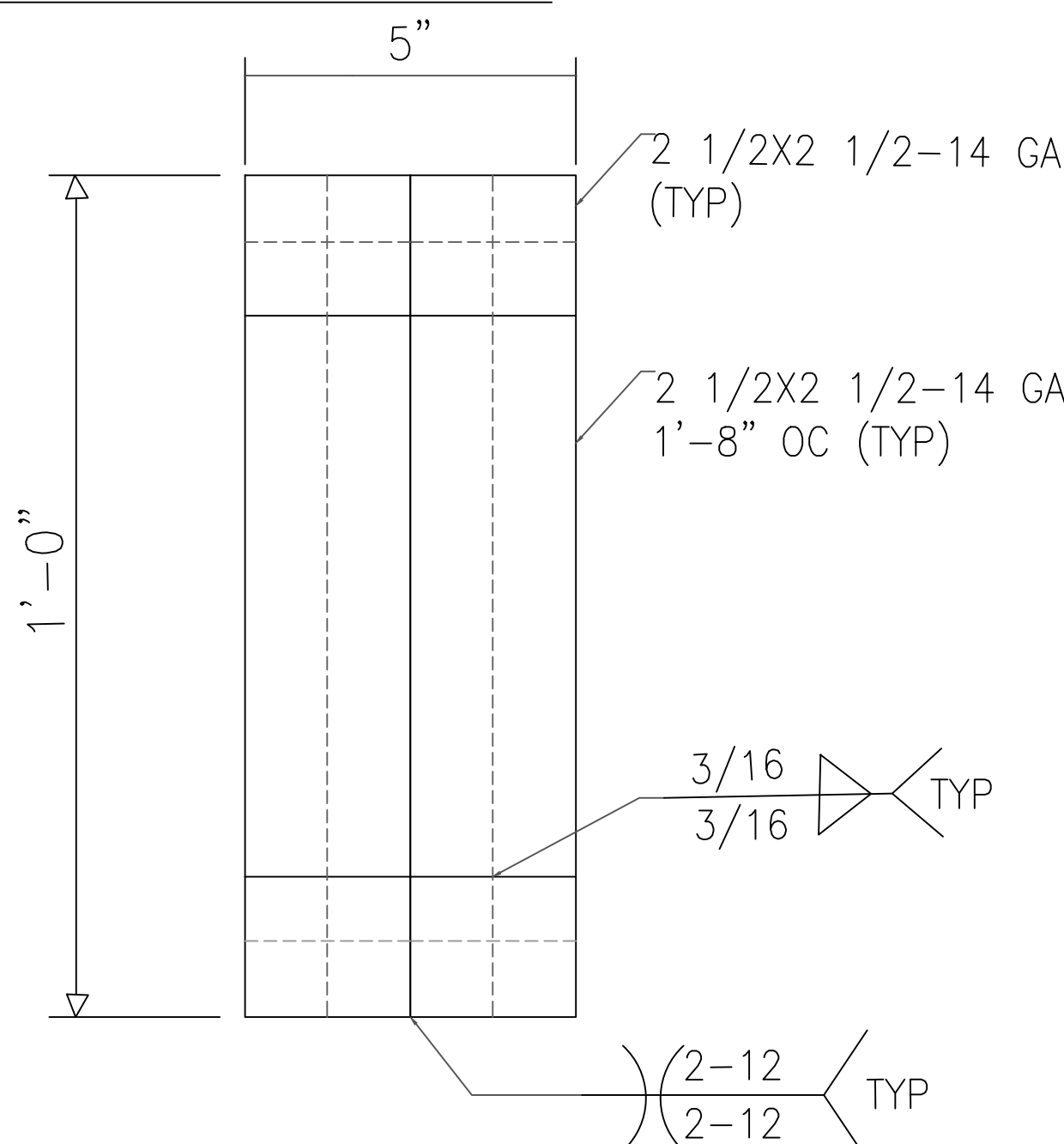


SIDE WALL HEADER OPTIONS

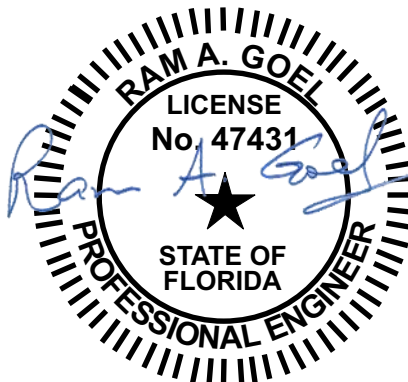
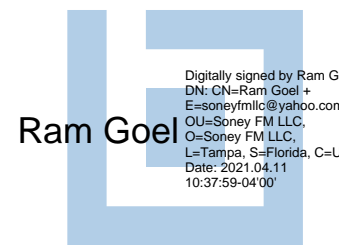


HEADER DETAIL FOR DOOR OPENINGS  
60X LENGTH  $\leq$  6'-0"  
50X LENGTH  $\leq$  8'-0"  
40X LENGTH  $\leq$  8'-0"  
SCALE: N.T.S.

HEADER DETAIL FOR DOOR OPENINGS  
60X 6'-0" < LENGTH  $\leq$  14'-0"  
50X 8'-0" < LENGTH  $\leq$  16'-0"  
40X 8'-0" < LENGTH  $\leq$  18'-0"  
SCALE: N.T.S.



HEADER DETAIL FOR DOOR OPENINGS  
60X 14'-0" < LENGTH  $\leq$  20'-0"  
50X 16'-0" < LENGTH  $\leq$  20'-0"  
40X 18'-0" < LENGTH  $\leq$  20'-0"  
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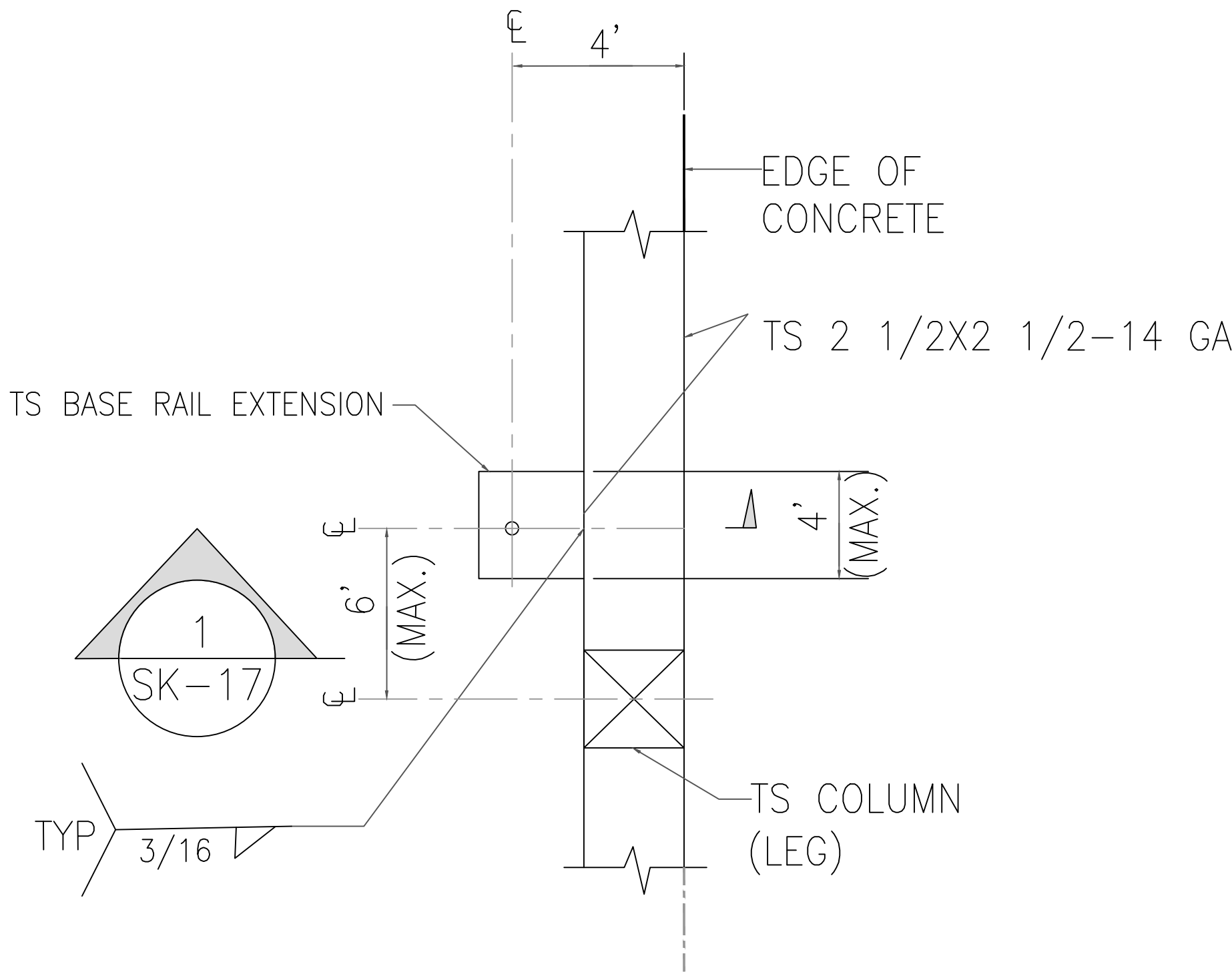
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SIDE WALL HEADER OPTIONS

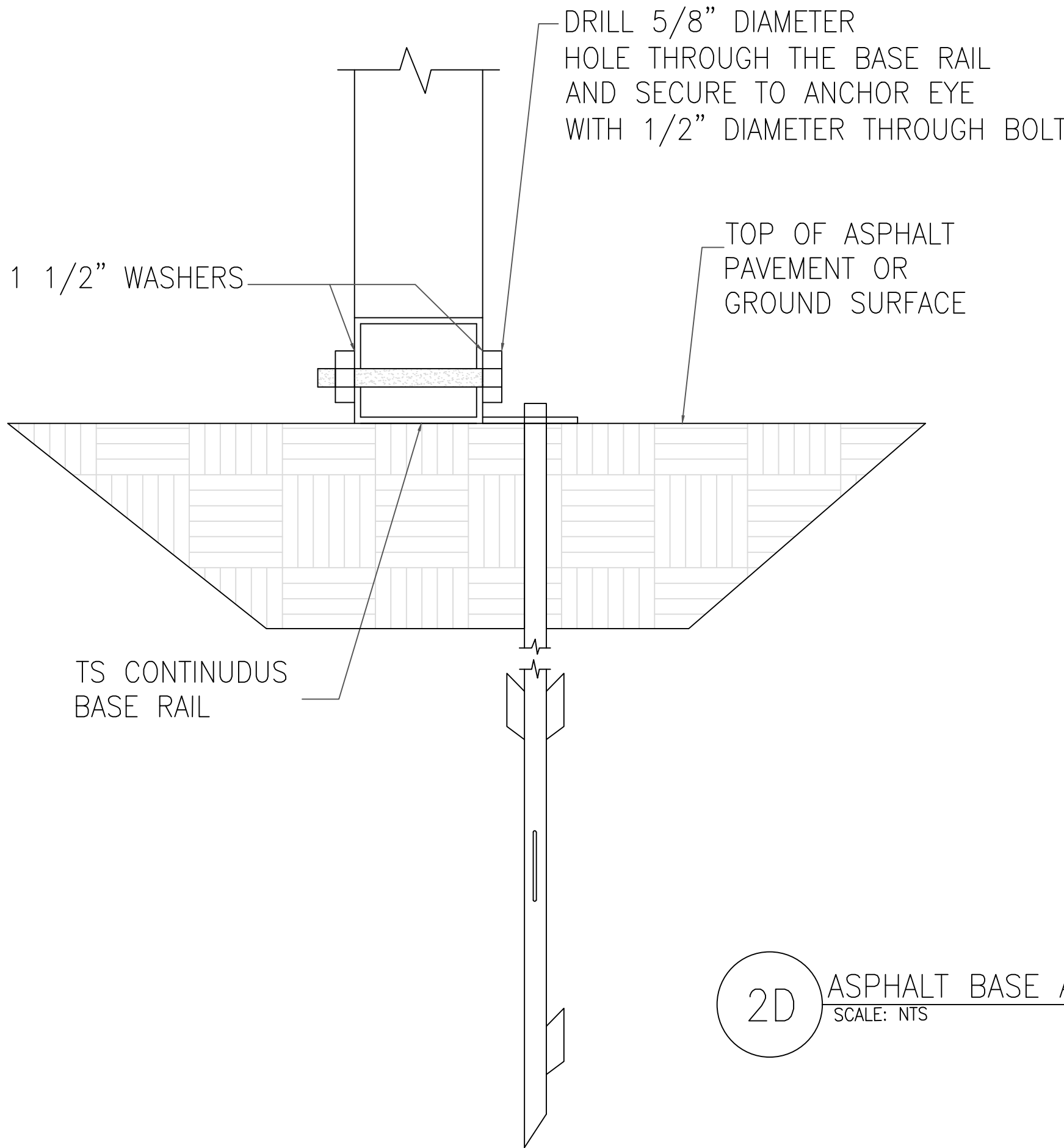
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BASE RAIL ANCHORAGE OPTION

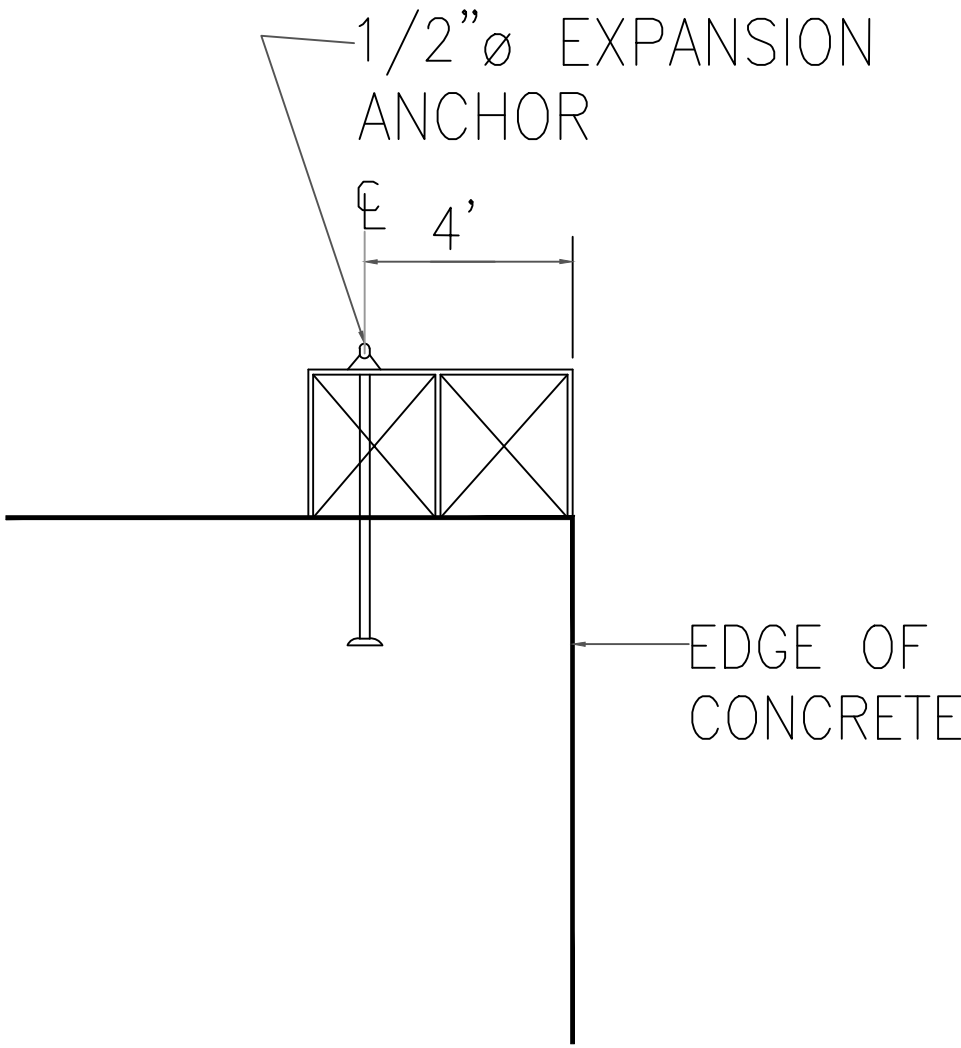


TYPICAL ANCHOR DETAIL WHEN  
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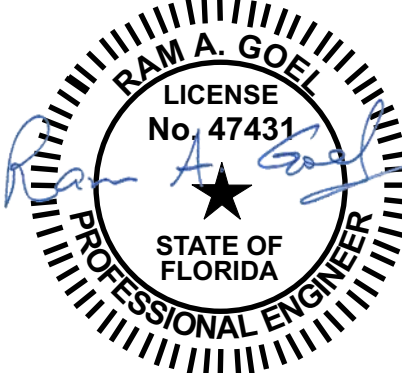
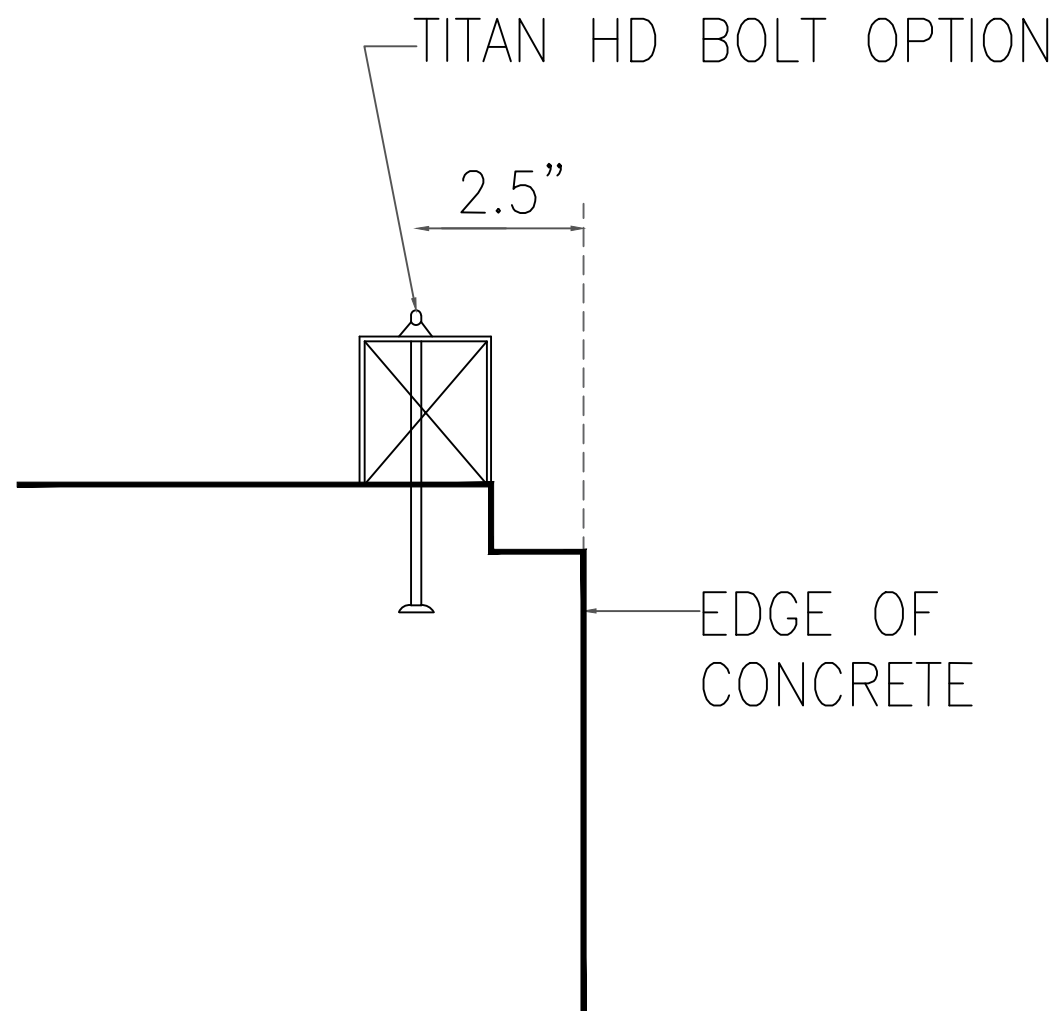
SCALE: N.T.S.



2D ASPHALT BASE ANCHORAGE  
SCALE: NTS



SECTION 1  
SCALE: N.T.S. SK-17



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BASE RAIL ANCHORAGE OPTION

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