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Checked By: S.G.

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MASTER SET

SHEET 13

SHEET 14

SHEET 15

SHEET 16

SHEET 17

SHEET18

OPTIONAL HEADER

WITH SOIL NAIL

ADDITIONAL BASE RAIL ANCHORAGE OPTION

OPTIONAL BASE RAIL ON TIMBER BEAM

OPTIONAL BASE RAIL ON TIMBER BEAM

OPTIONAL CONCRETE STRIP FOOTING

OPTIONAL BASE RAIL ON GRANE APPLICATION

INSTALLATION NOTES AND SPECIFICATIONS

- 1. DESIGN IS FOR MAXIMUM 30'-0" WIDE X 20'-0" EAVE HEIGHT ENCLOSED 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 = 1.5 PSF
 - $\stackrel{\circ}{B}$ LIVE LOAD = 12 PSF
 - C) GROUND SNOW LOAD = 30 PSF ((26'-0"), 35 PSF (26'-0" < W < 30'-0") (UNBALANCED SNOW LOADS DUE TO DRIFTING HAVE NOT BEEN EVALUATED.)

- 4. 3-SECOND GUST ULTIMATE WIND SPEED (Vut) 105 TO 145 MPH (NOMINAL WIND SPEED 82 TO 112 MPH): MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 5.0 FEET (UNLESS NOTES OTHERWISE).
- 5. END WALL COLUMNS (POST) ARE EQUIVALENT TO SAVE WALL POSTS UNLESS NOTED OTHERWISE.
- 6. RISK CATEGORY I.
- 7. WIND EXPOSURE CATEGORY B.
- 8. SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 21/2" X 21/2" 14 GAUGE TUBE STEEL (TS) FRAMING MEMBERS (UNLESS NOTED OTHERWISE).
- 9. AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR HAT CHANNELS, AND COLUMNS (INTERIOR OR END) = 8 INCHES.
- 10. FASTENERS CONSIST OF 1/4" X 3/4" SELF- DRILLING FASTENER (SDF). USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS. SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 14' (3:12 PITCH) OR LESS SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY.
- 11. GROUND ANCHORS SHALL BE INSTALLED BE INSTALLED THROUGH BASE RAIL WITHIN 6" OF EACH COLUMN.
- 12. GROUND ANCHORS CONSIST OF #4 REBAR W/ WELDED NUT X 36" LONG IN SUITABLE SOIL CONDITIONS. OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USED IN UNSUITABLE SOILS AS NOTED.
- 13. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:

SOIL SITE CLASS = D RISK CATEGORY I/II/III

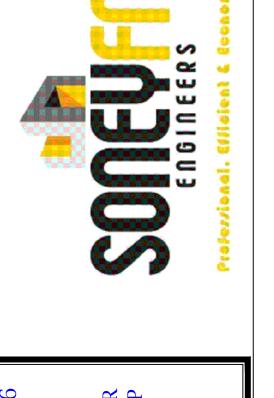
R = 3.25

Sps = 2.0369V= CsW

 $S_{D1} = 1.258$

14. WINDOW AND DOOR DESIGH PRESSURES ARE APPLICABLE TO THE FLORIDA ONLY.





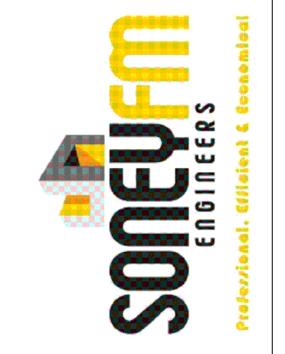
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BOX EAVE FRAME RAFTER STRUCTURE



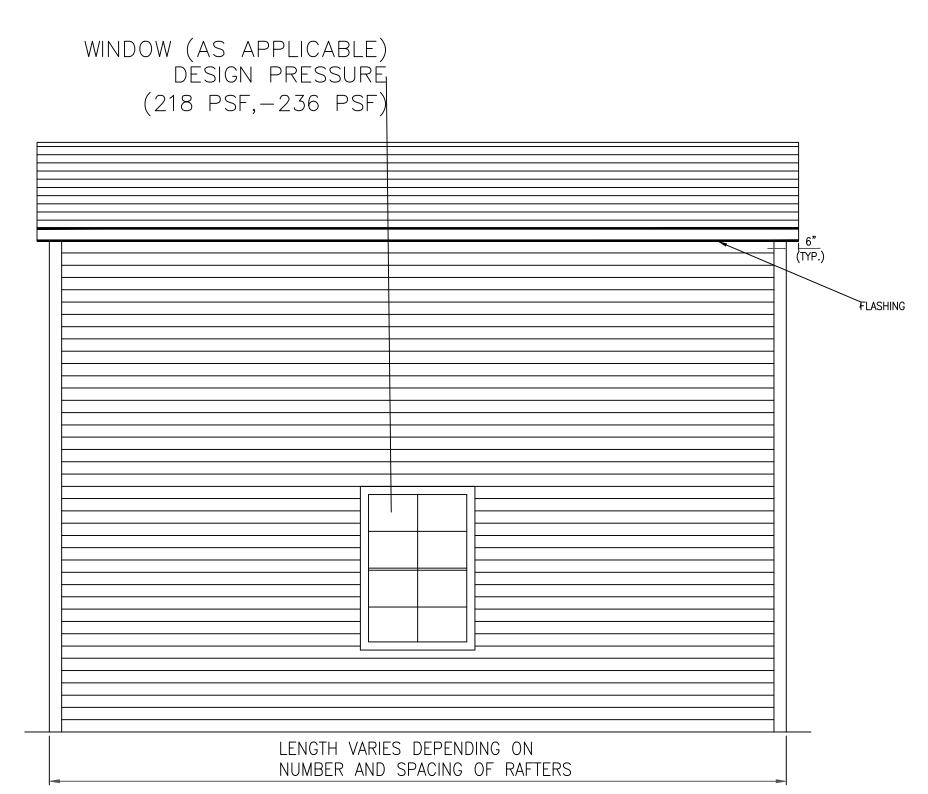
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TYPICAL SIDE ELEVATION SCALE: N.T.S.

30'-0" MAXIMUM RAFTER SPAN (W)

ROLL-UP DOOR

(AS APPLICABLE) DESIGN PRESSURE

(17.5 PSF,-19.9 PSF)

TYPICAL END ELEVATION SCALE: N.T.S.

PERSONNEL DOOR

(AS APPLICABLE) DESIGN PRESSURE

(208 PSF, -226

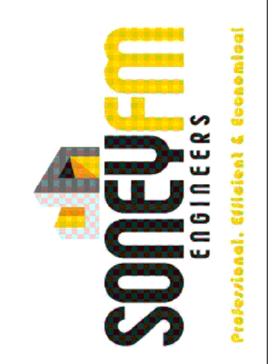
BOX EAVE FRAME RAFTER STRUCTURE

WINDOW (AS APPLICABLE)
DESIGN PRESSURE
(218 PSF,-236 PSF)

SCALE: N.T.S.

LENGTH VARIES DEPENDING ON NUMBER AND SPACING OF RAFTERS

TYPICAL SIDE ELEVATION



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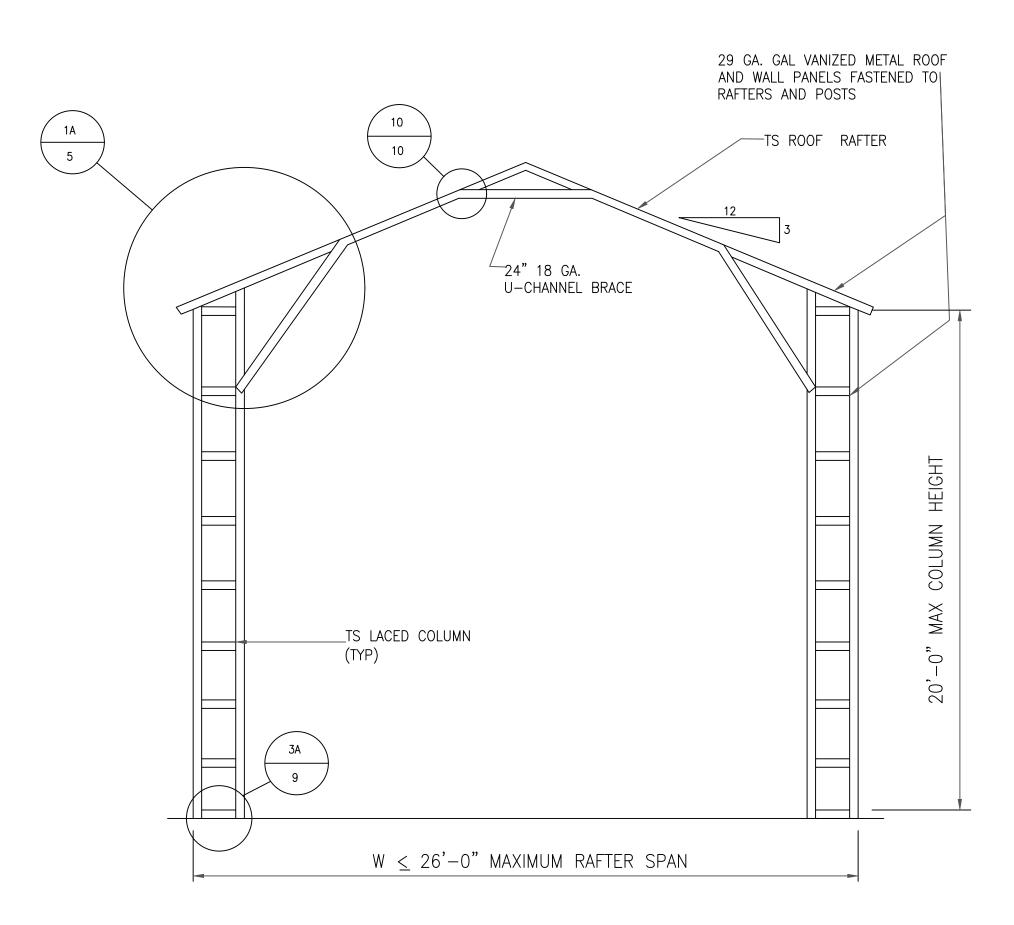
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ROLL-UP DOOR PERSONNEL DOOR (AS APPLICABLE) DESIGN PRESSURE (AS APPLICABLE) DESIGN PRESSURE (17.5 PSF,-19.9 PSF) (208 PSF, -226 FLASHING 30'-0" MAXIMUM RAFTER SPAN (W)

> TYPICAL END ELEVATION SCALE: N.T.S.

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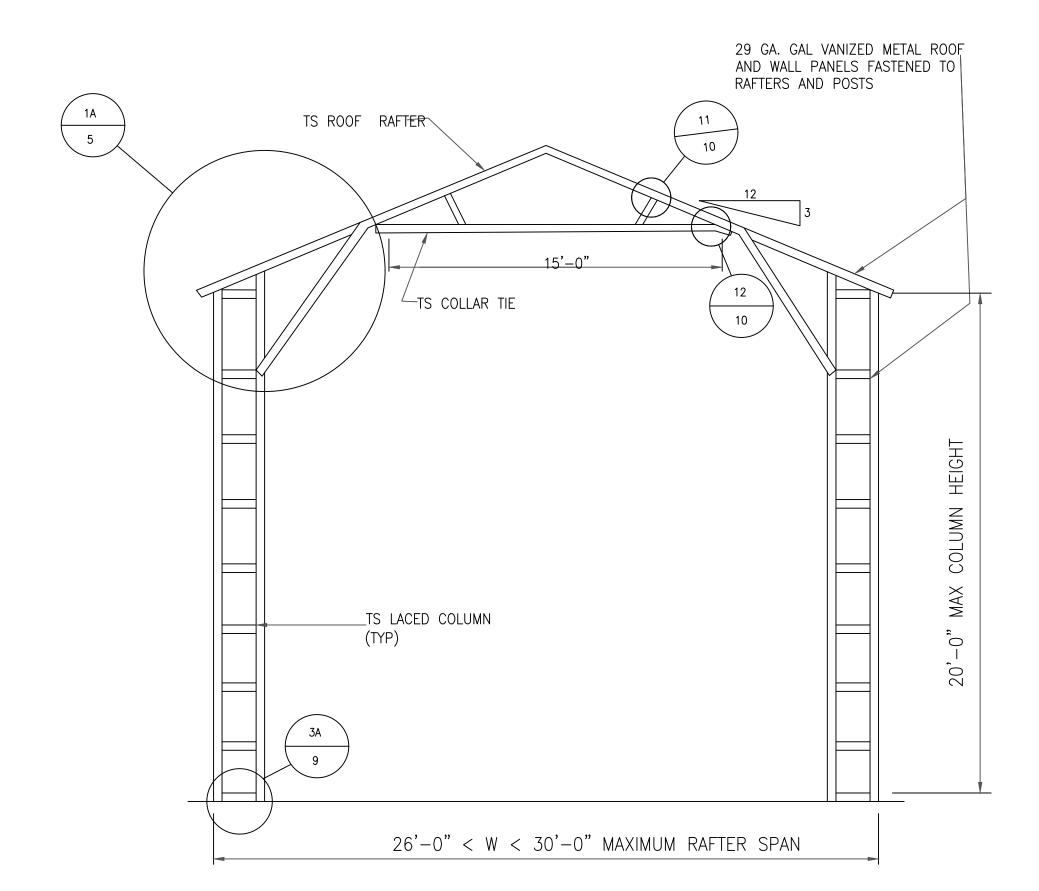
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TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.

> LENGTH VARIES DEPENDING ON NUMBER AND SPACING OF RAFTERS SEE NOTES (SHEET 3) FOR MAXIMUM SPACING

TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



Drawn By: K.D. Checked By: S.G.

NOTE:

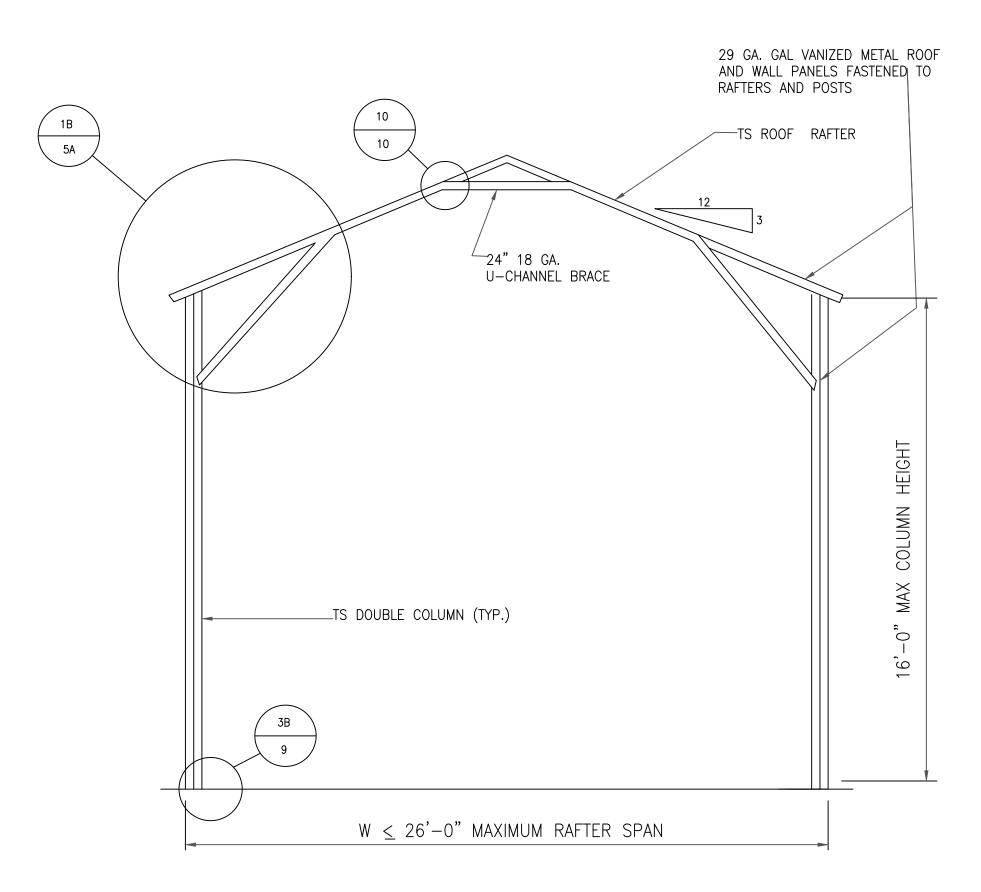
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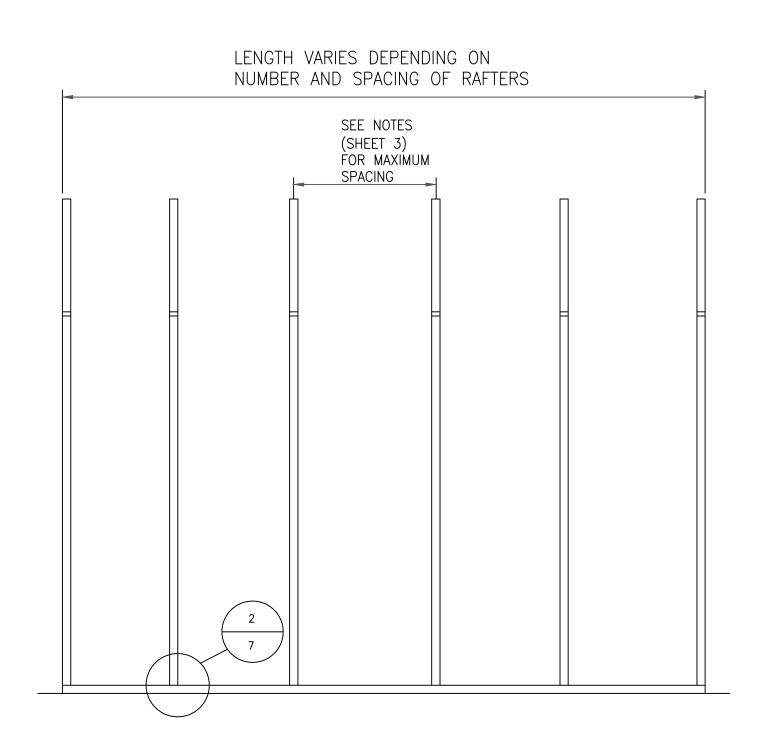
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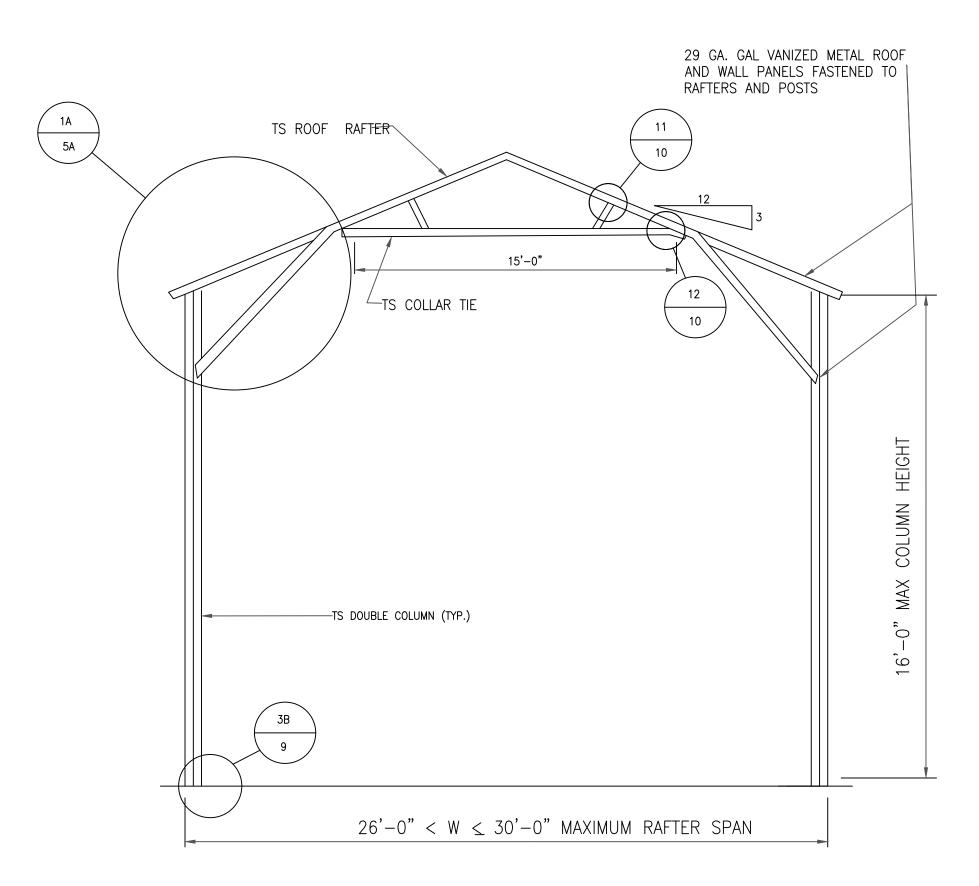
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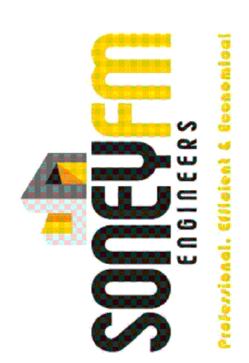
TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



TYPICAL RAFTER/COLUMN FRAME SECTION scale: n.t.s.



Marceau, P.E. # 64466 813-388-6090 ONEY FM LLC

SONEY CORY LAKE PROI 10329 CROSS CR

Job # S2080

Drawn By: K.D.

Checked By: S.G.

Issue Date	:04-10-21
Revisions No. Date	Description
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ME RAFTER STRUCTURE

MANUFACTURING, LLC

32060

Digitally signed by Ram Goe
DN: CN=Ram Goel +
E=soney/mlnc@yahoo.com,
OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida, C=US
Date: 2021.04.11
11:31:20-04'00'

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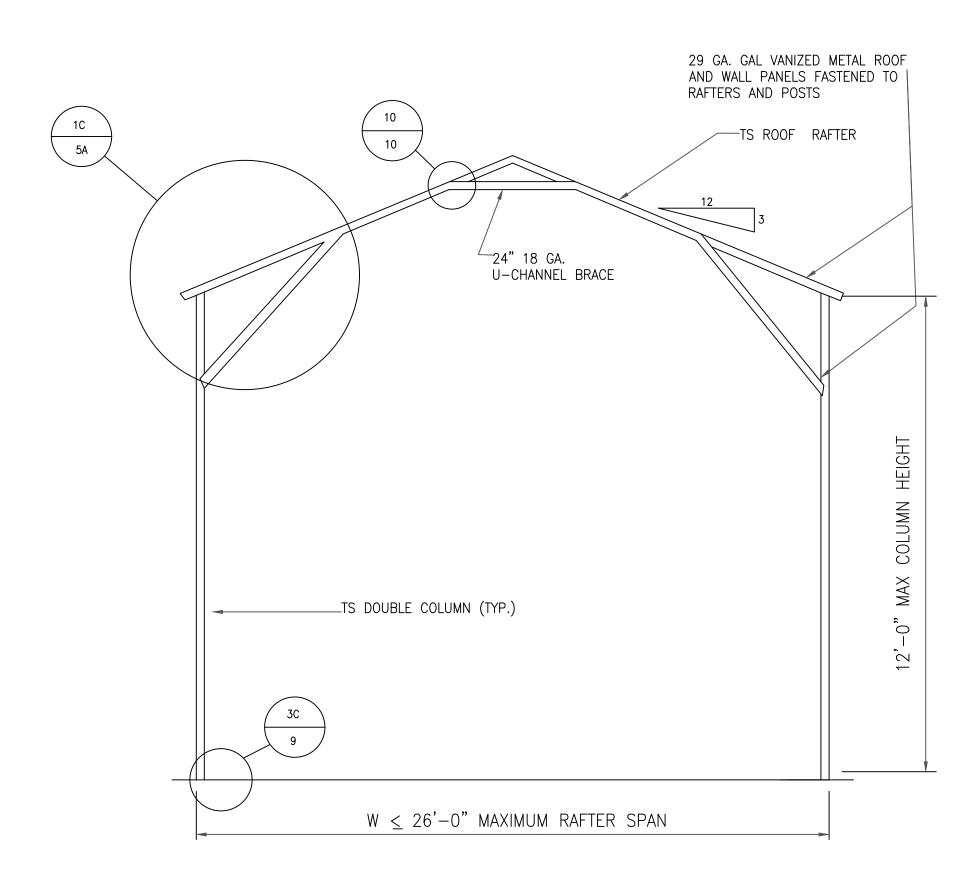
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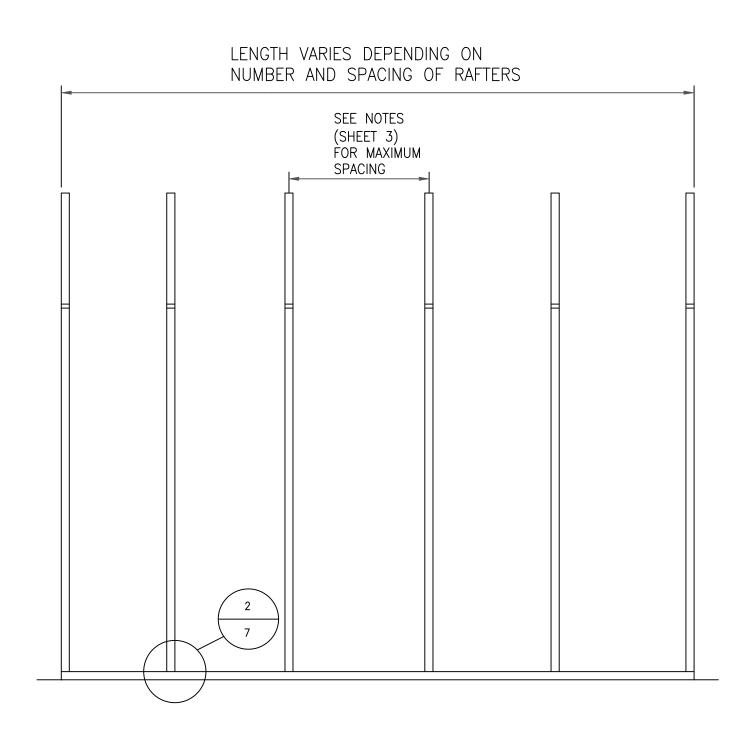
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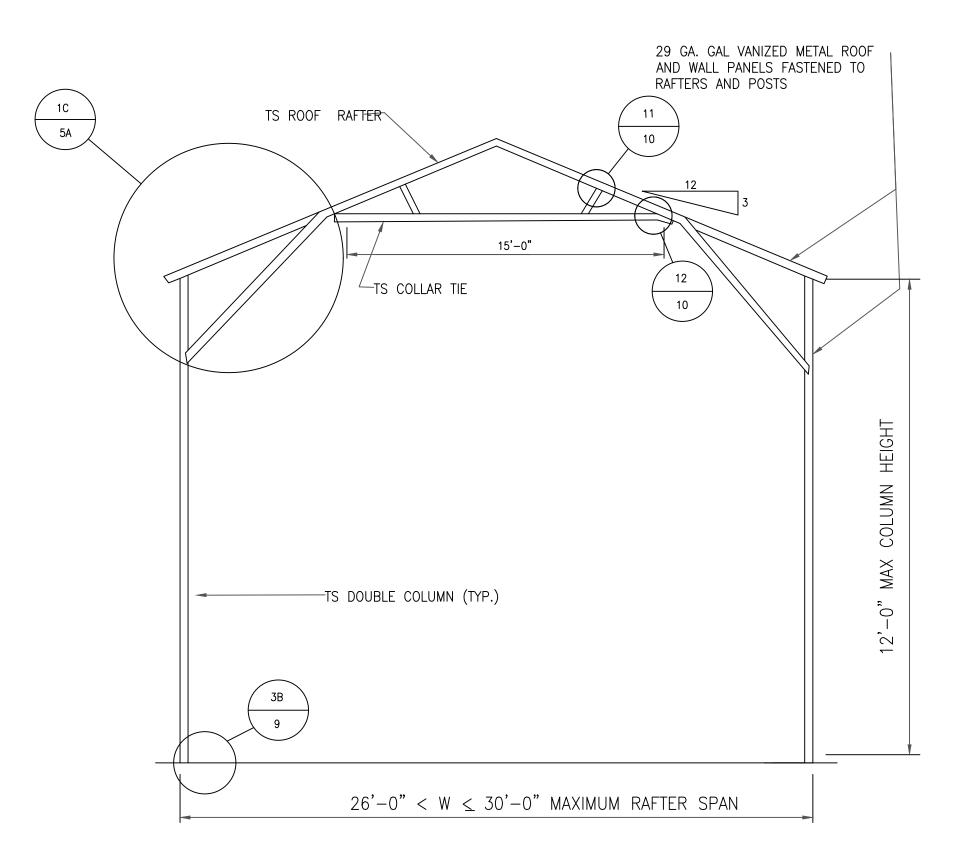




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TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



TYPICAL RAFTER/COLUMN FRAME SECTION scale: n.t.s.



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OSS CREEK BLVD., SUITE P

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METAL MANUFA 88TH TRACE AK FI 32060

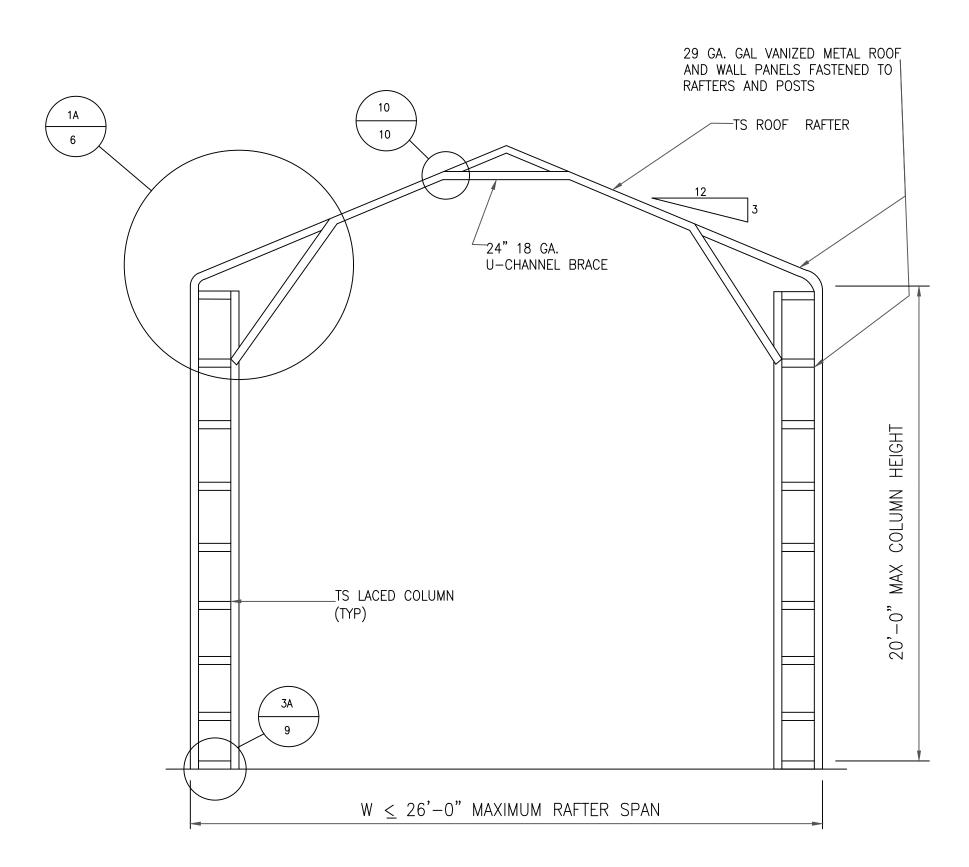
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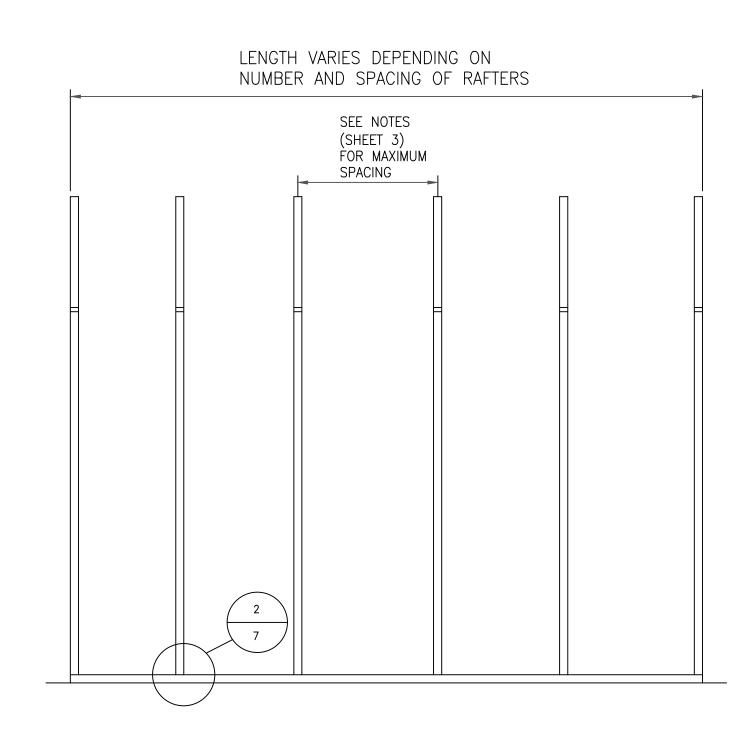
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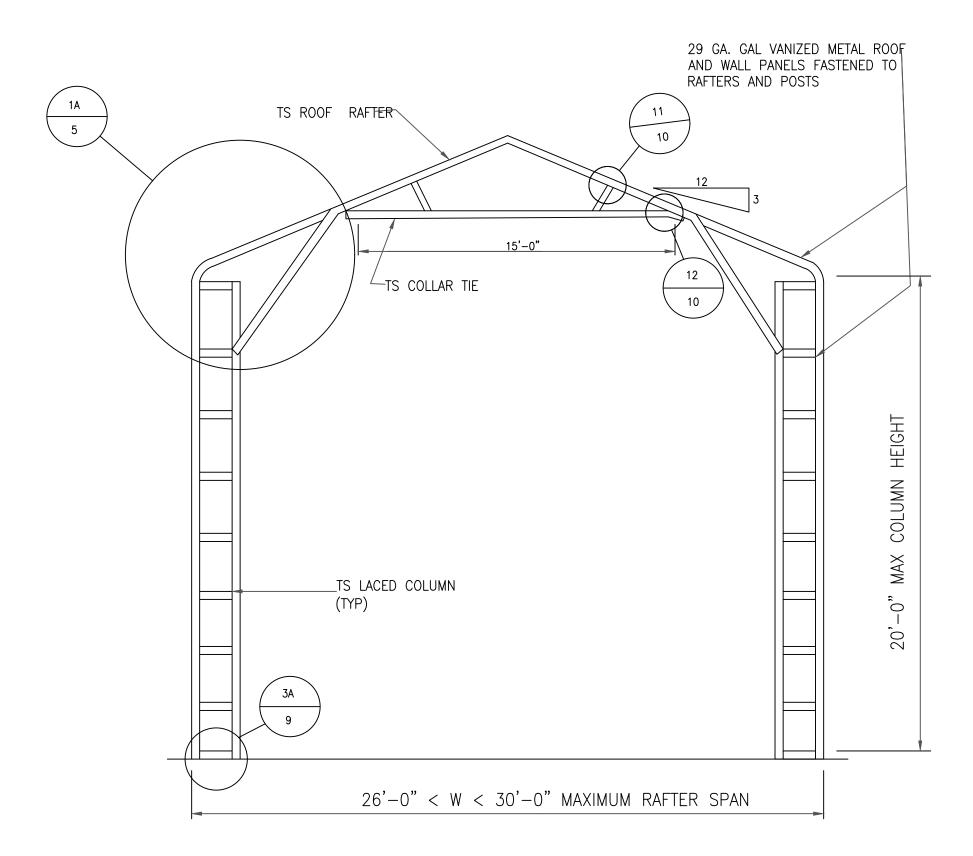
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10b # \$2080

Job # S2080

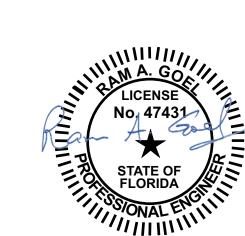
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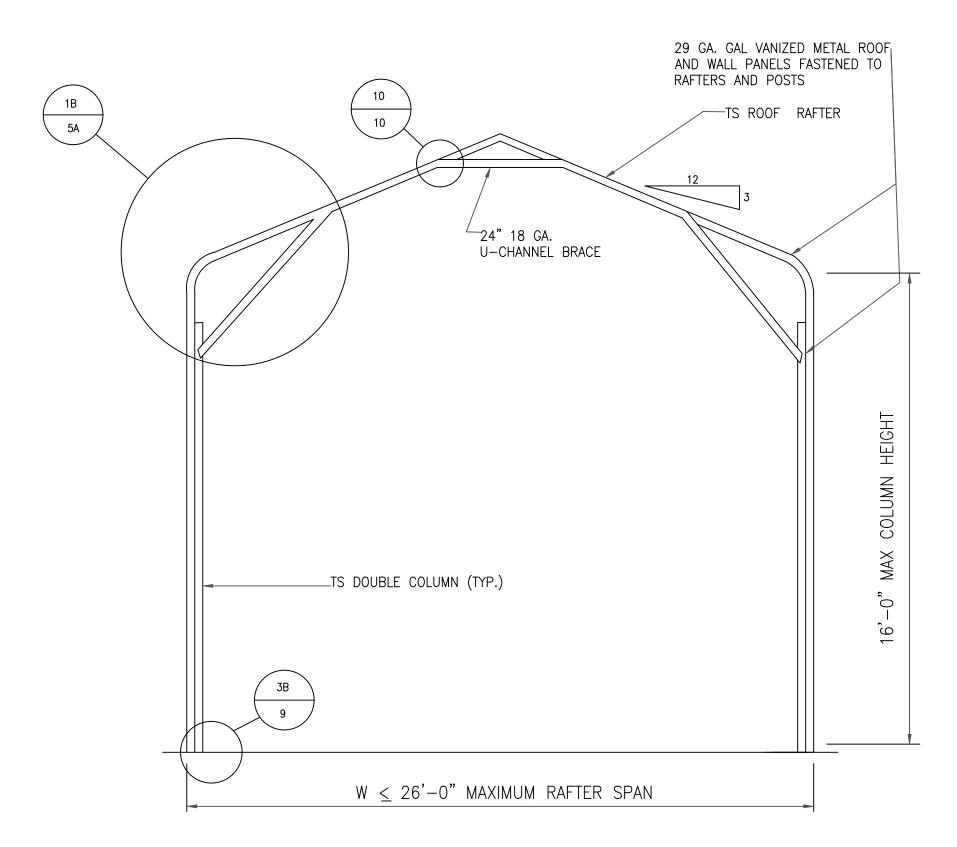


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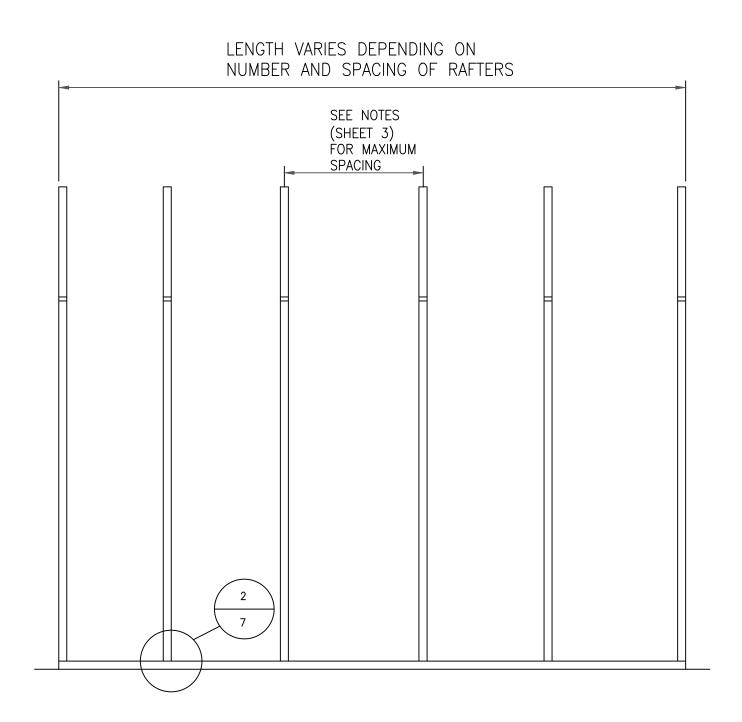
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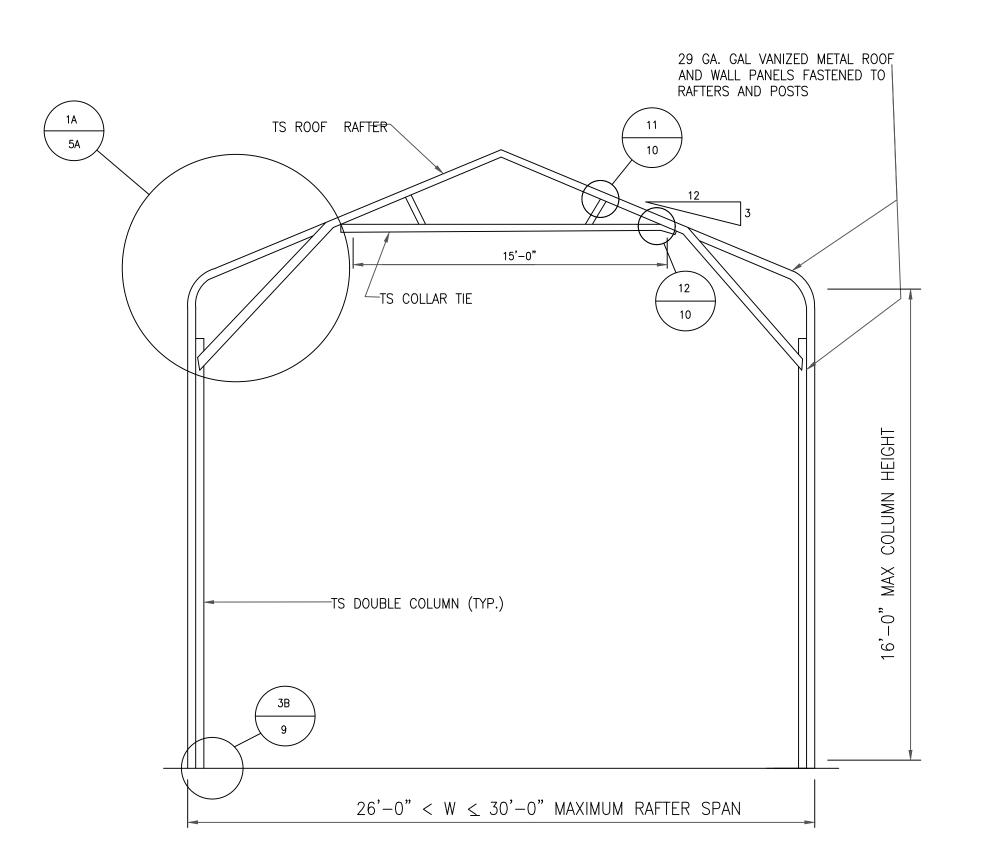
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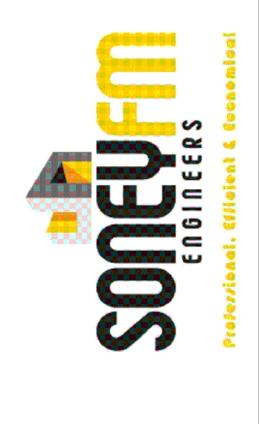
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TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



H:-813-388-6090

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TAMPA, FL 33647

Job # S2080

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ME RAFTER STRUCTURE IANUFACTURING, LLC RACE 32060

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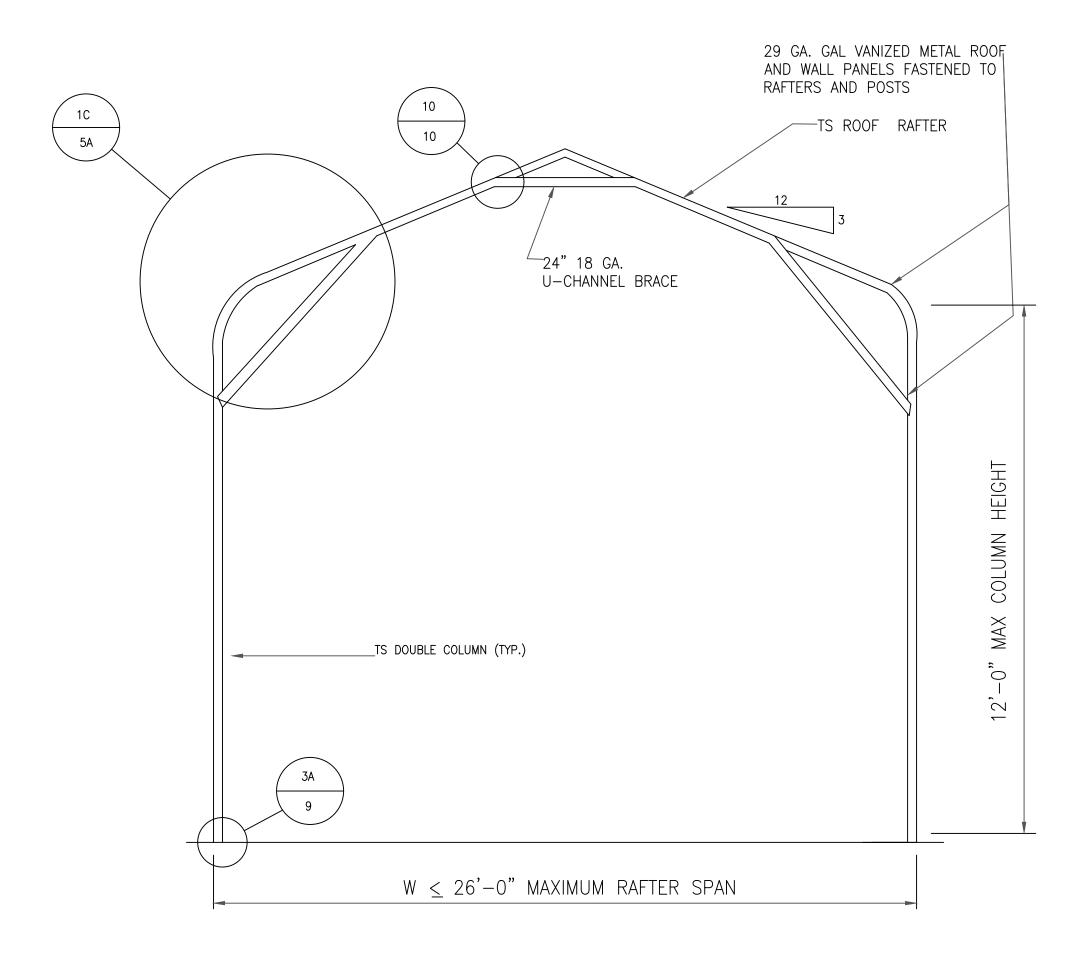
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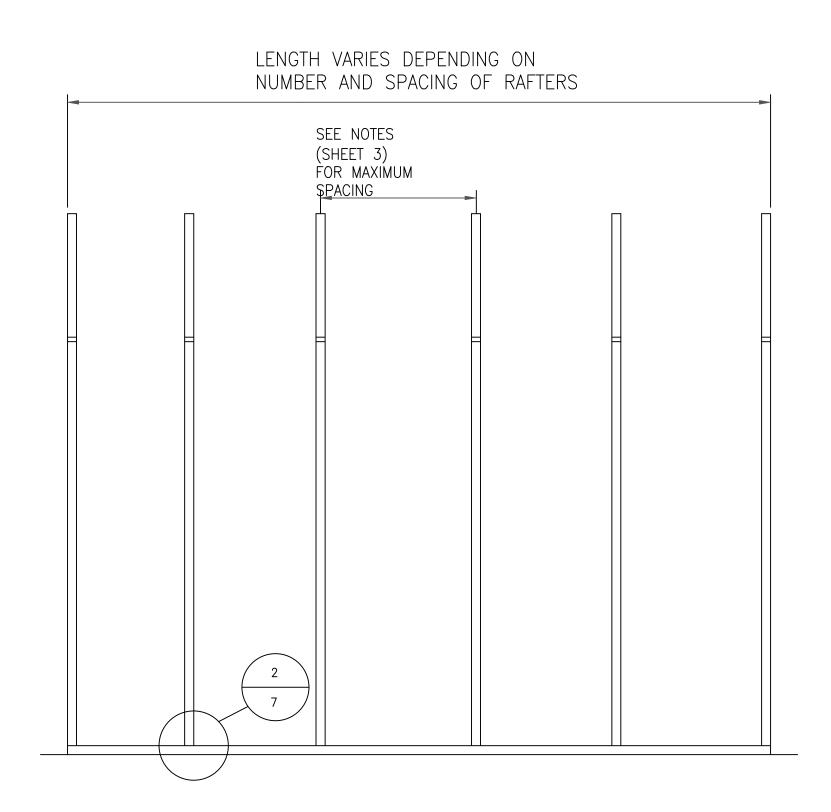
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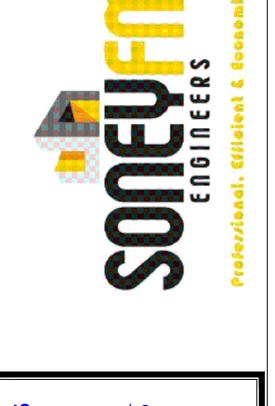


TYPICAL RAFTER/COLUMN FRAME SECTION

SCALE: N.T.S.

29 GA. GAL VANIZED METAL ROOF AND WALL PANELS FASTENED TO RAFTERS AND POSTS TS ROOF RAFTER 15'-0" TS COLLAR TIE TS DOUBLE COLUMN (TYP.) 12, $26'-0" < W \le 30'-0"$ Maximum rafter span

TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: N.T.S.



Job # S2080 Drawn By: K.D. Checked By: S.G.

sue Date:04—10—2

Ram Goel

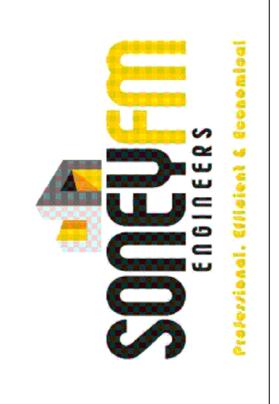
DN: CN=Ram Goel +
E=soneyfmllc@yahoo.com,
OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida, C=US
Date: 2021.04.11 11:28:25-04'00'

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-(ONLY ONE SHOWN FOR CLARITY) -18 GA. U-CHANNEL BRACE FASTENED TO THE COLUMN AND ROOF RAFTER, WITH (4) 1/4"X3/4" SDF'S AT EACH END (B 21/2' PER BRACE) BRACE SECTION

SCALE: N.T.S.

CONNECTION DETAIL SCALE: NTS

TS LACED COLUMN

TS CHORD

BOX EAVE RAFTER/CORNER POST FOR HEIGHTS 16'-0" < TO ≤ 20'-0"

TS ROOF RAFTER

SECURE WITH (4) 1/4" X 3/4" SDF'S

(EACH END)

AND RAFTER

MINIMUM 6' LONG

SECURE WITH (4)

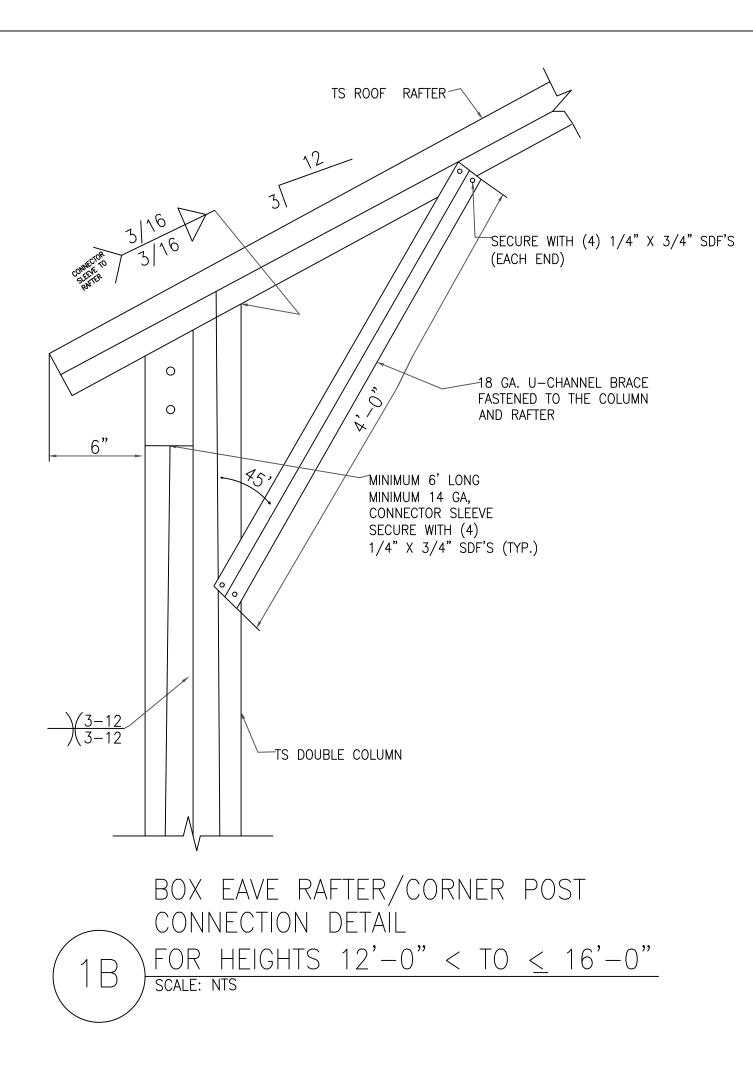
CONNECTOR SLEEVE

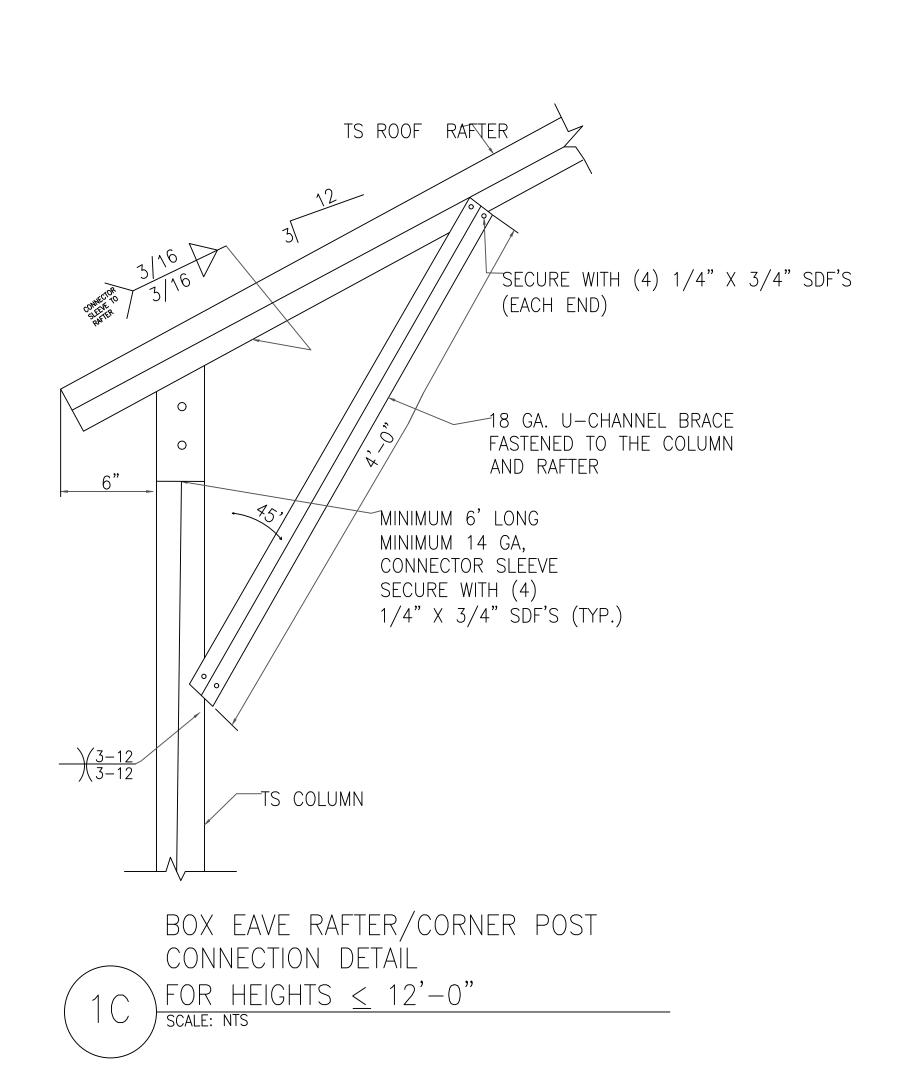
1/4" X 3/4" SDF'S (TYP.)

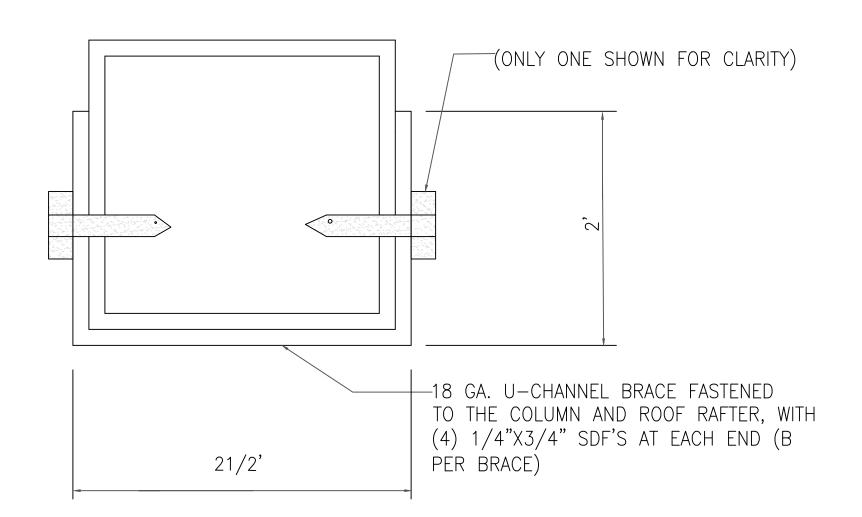
MINIMUM 14 GA,

18 GA. U-CHANNEL BRACE

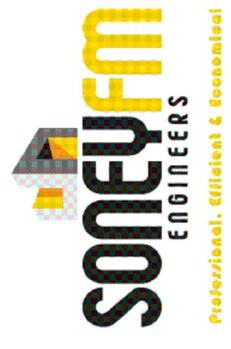
FASTENED TO THE COLUMN







BRACE SECTION



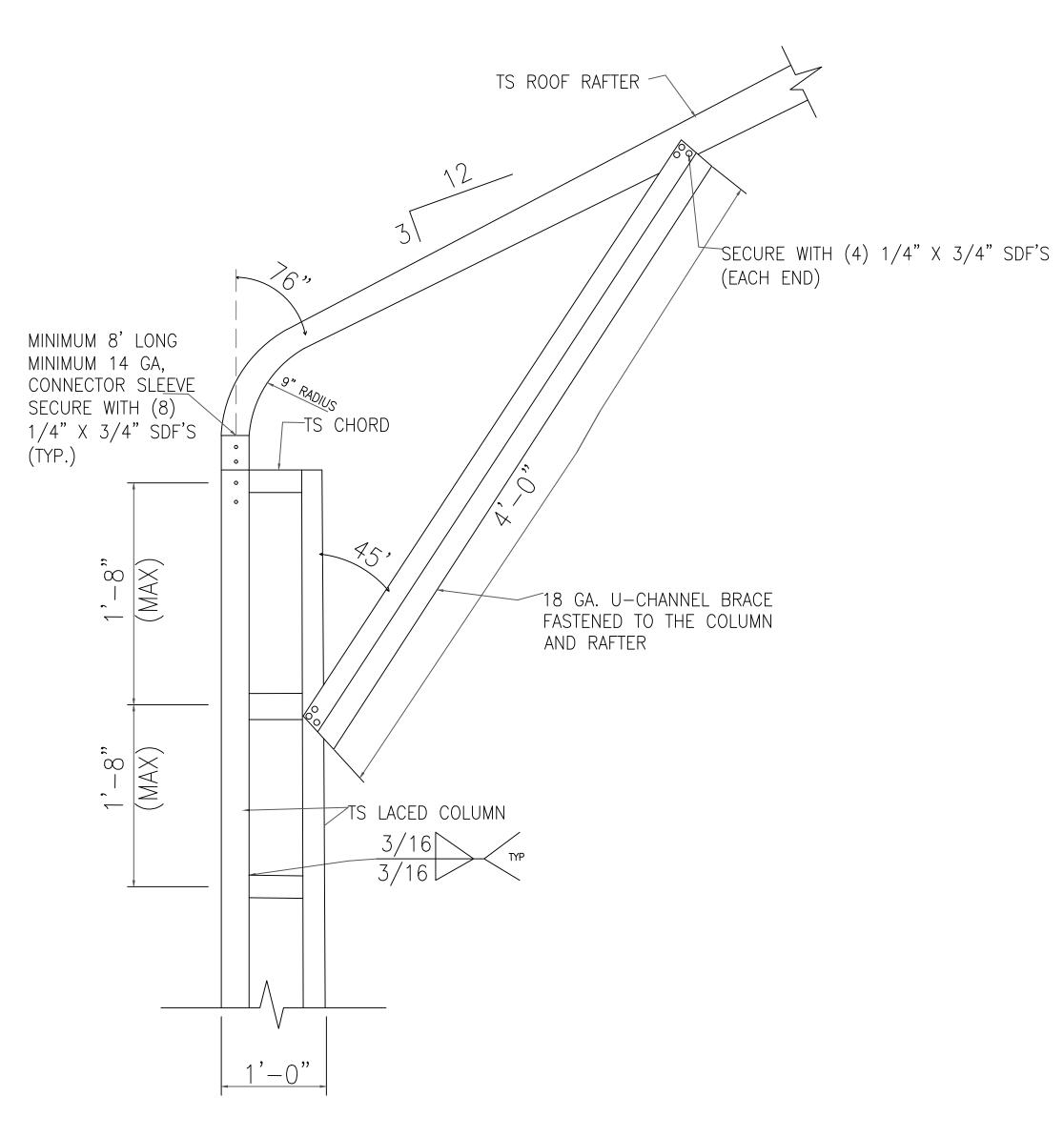
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E RAFTER STRUCTURE	ANUFACTURING, LLC		
	ANU	RACE	()

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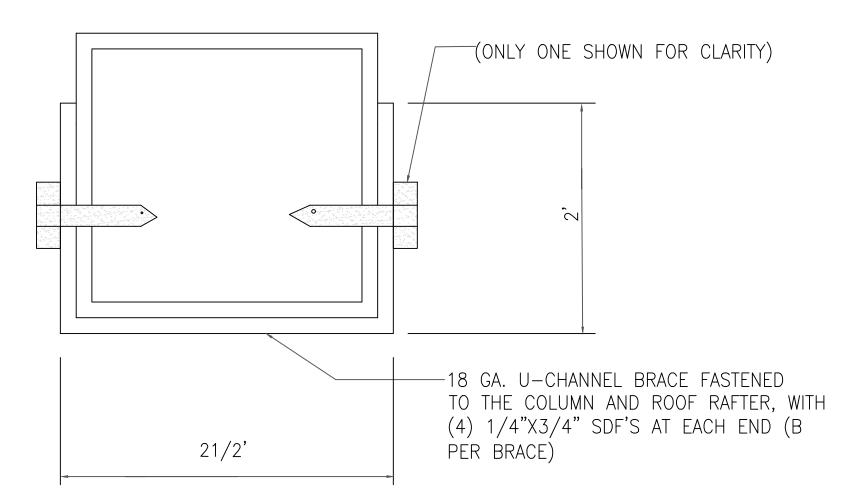
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BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL

1 | FOR HEIGHTS 16'-0" < TO \(\leq \) 20'-0"

SCALE: NTS



BRACE SECTION



arceau, P.E. # 64466 3-388-6090 JFY FM LLC

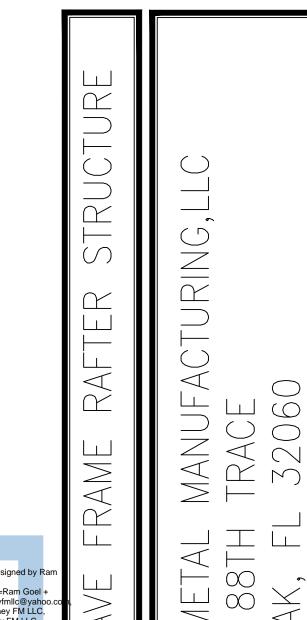
SONEY FM LLC
CORY LAKE PROFESSIONAL (
10329 CROSS CREEK BLVD.,
TAMPA, FL 33647

Job # S2080

Drawn By: K.D.

Checked By: S.G.

04-10-21
Description



Ram Goel

Essoneyfmlic@yahoo.

OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida, (
Date: 2021.04.11
11:16:30-04'00'

NOTE:

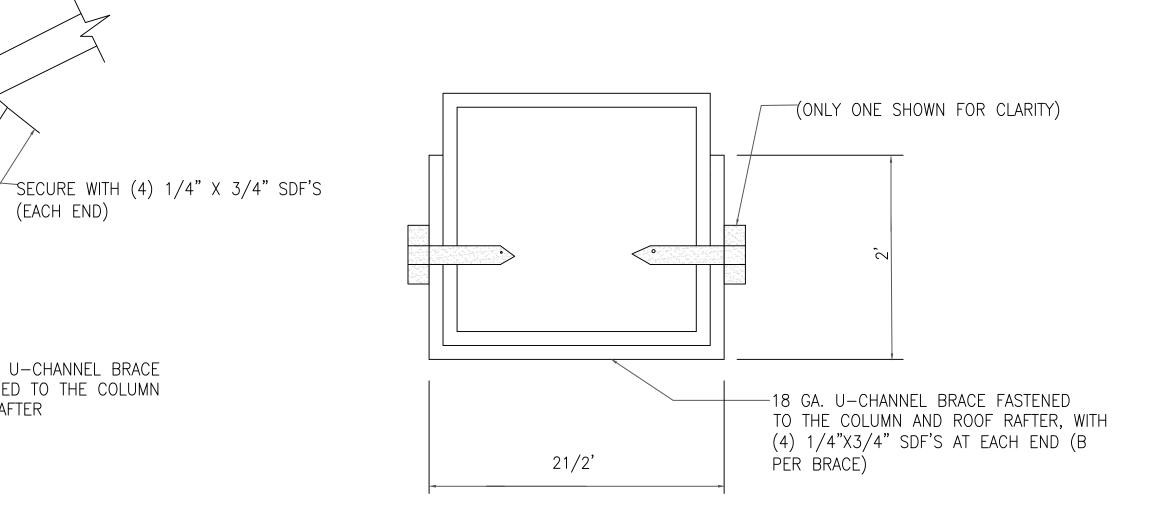
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BRACE SECTION SCALE: N.T.S.

Job # S2080

Drawn By: K.D. Checked By: S.G.

Issue Date	:04-10-21
Revisions No. Date	Description
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	lssue Date:04—10—21
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STRUCTURE			
AME RAFTER		TRACE	70007

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BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL

TS COLUMN

BOX EAVE RAFTER/CORNER POST CONNECTION DETAIL FOR HEIGHTS 12'-0" < TO ≤ 16'-0"

SCALE: NTS TS ROOF RAFTER $\overline{}$ SECURE WITH (4) 1/4" X 3/4" SDF'S (EACH END) MINIMUM 8' LONG _18 GA. U-CHANNEL BRACE MINIMUM 14 GA, ___ FASTENED TO THE COLUMN CONNECTOR SLEEVE SECURE WITH (8) AND RAFTER 1/4" X 3/4" SDF'S (TYP.)

TS DOUBLE COLUMN

TS ROOF RAFTER

18 GA. U-CHANNEL BRACE FASTENED TO THE COLUMN

AND RAFTER

MINIMUM 8' LONG

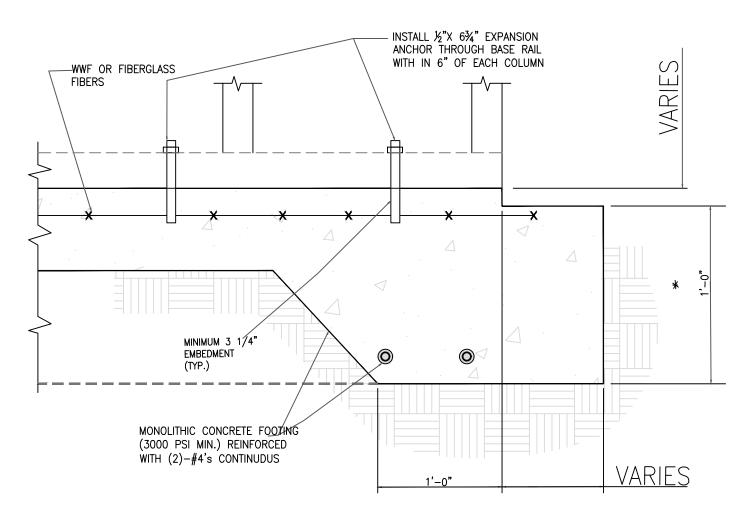
(TYP.)

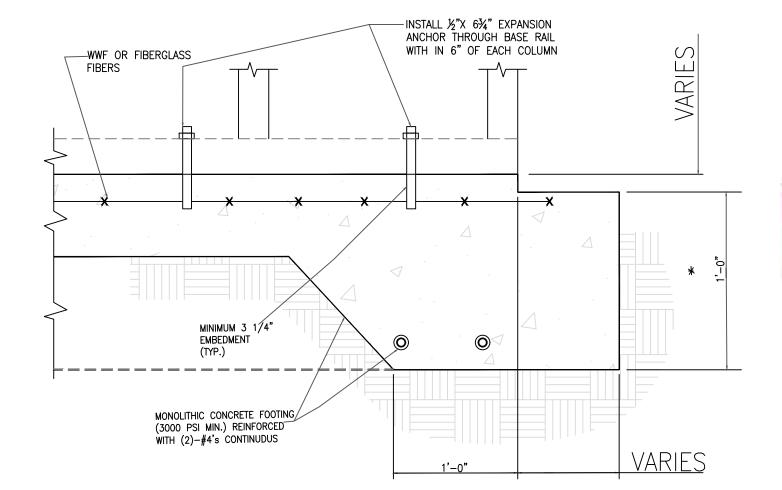
MINIMUM 14 GA,— CONNECTOR SLEEVE SECURE WITH (8) 1/4" X 3/4" SDF'S

 $\frac{3-12}{3-12}$

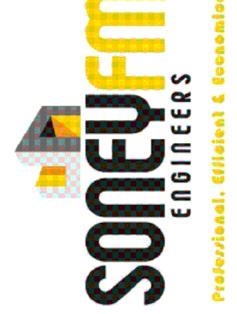
1 C FOR HEIGHTS < 12'-0"

BASE RAIL ANCHORAGE OPTIONS









Drawn By: K.D

Date Description \(\lambda \) \(\wedge | | |

Checked By: S.G.

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Dr. Ram A. Goel PE # 47431

MINIMUM ANCHOR EDGE DISTANCE IS 4' * COORDINATE WITH LOCAL CODES/ORD.

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

CONCRETE MONOLITHIC SLAB

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:

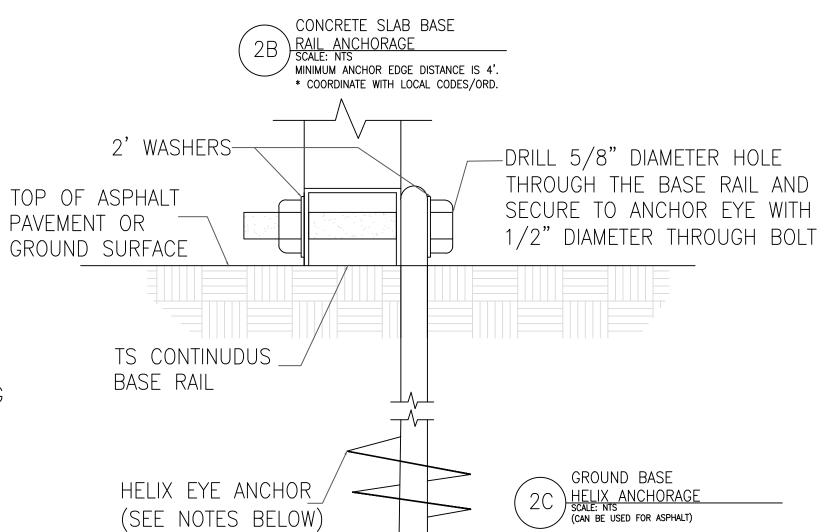
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

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.

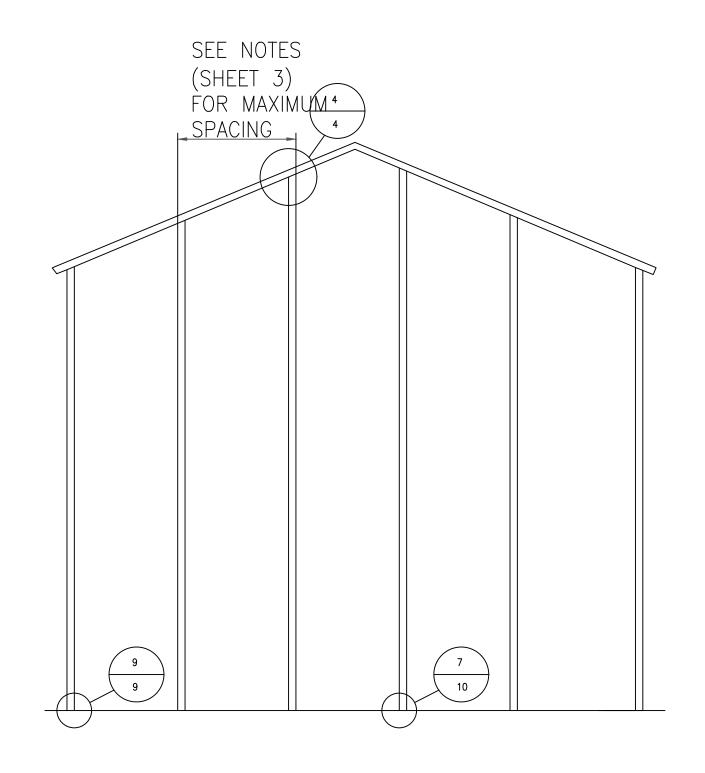


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STATE OF FLORIDA

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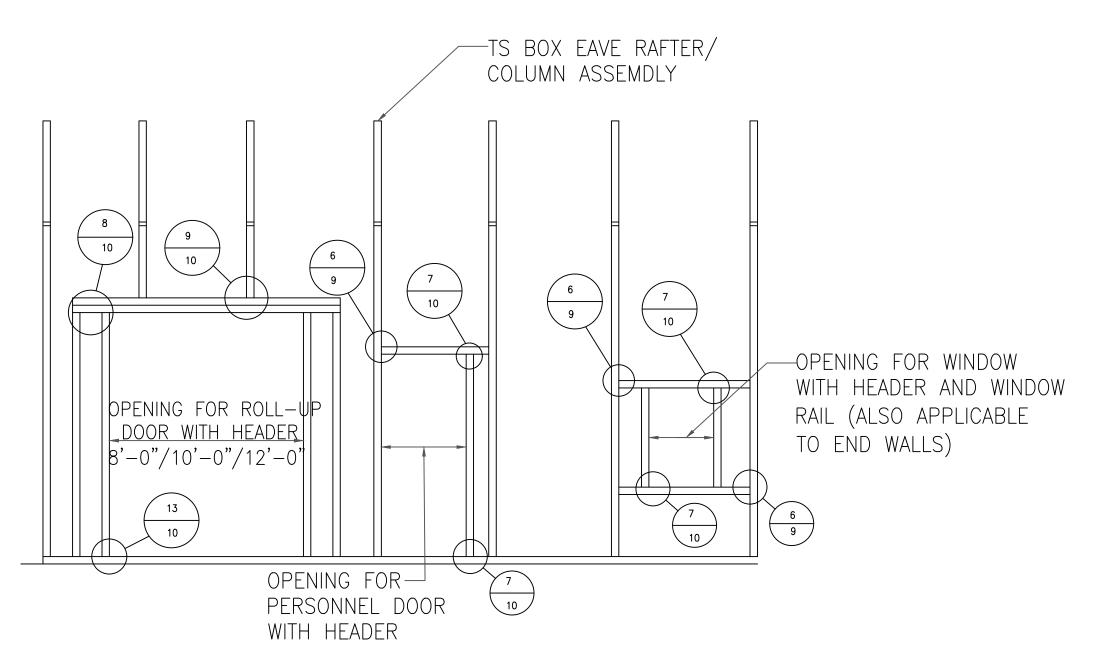
BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



TYPICAL BOX EAVE RAFTER

END WALL FRAMING SECTION

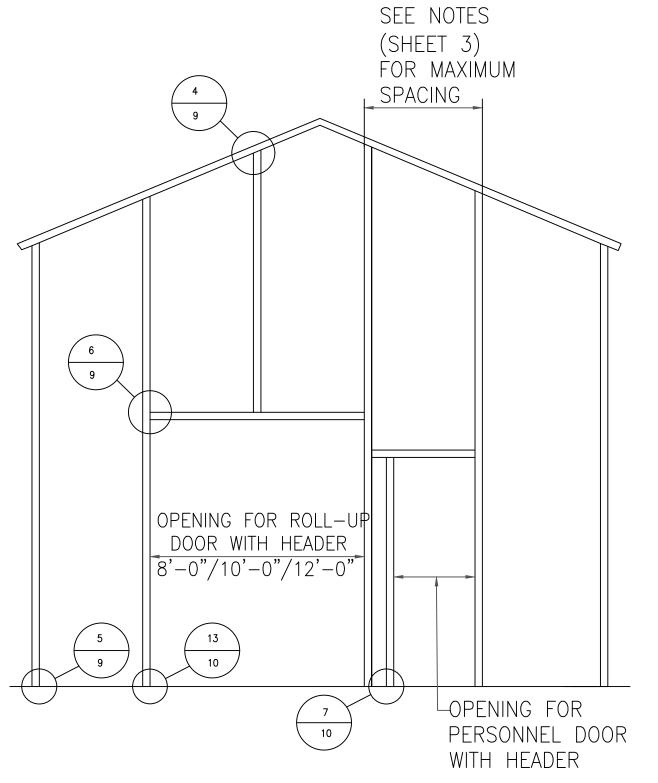
SCALE: N.T.S.



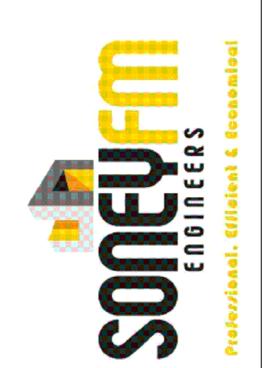
TYPICAL BOX EAVE RAFTER

SIDE WALL OPENINGS FRAMING SECTION

SCALE: N.T.S.



TYPICAL BOX EAVE RAFTER END
WALL OPENINGS FRAMING SECTION
SCALE: N.T.S.



H:-813-388-6090
SONEY FM LLC
KE PROFESSIONAL CENTER
ROSS CREEK BLVD., SUITE P
TAMPA, FL 33647

Job # S2080

Drawn By: K.D.

Checked By: S.G.

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		11	

RAFIER END WALL
OPENINGS
TAL MANUFACTUF

Digitally signed by Ram Goel
DN: CN=Ram Goel +
E=soneyfmllc@yahoo.com,
OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida, C=US
Date: 2021.04.11
11:15:31-04'00'

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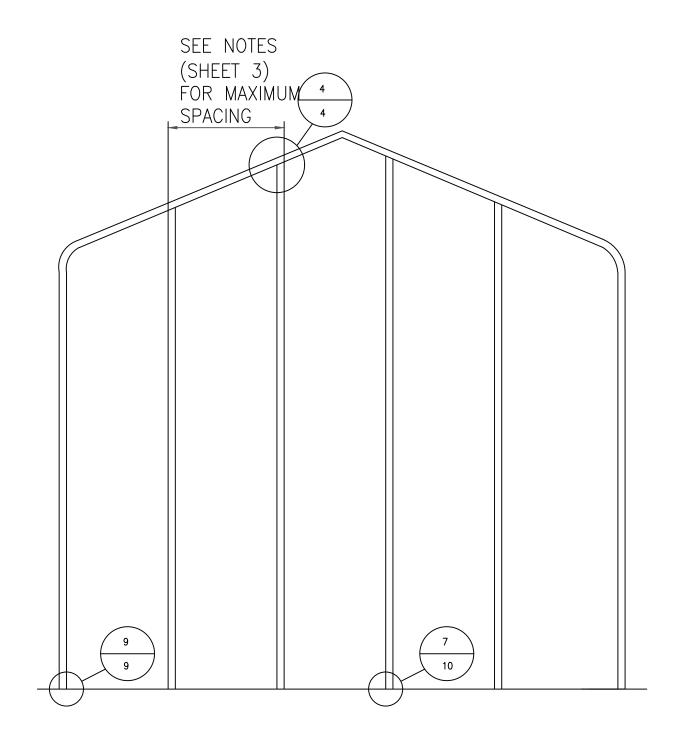
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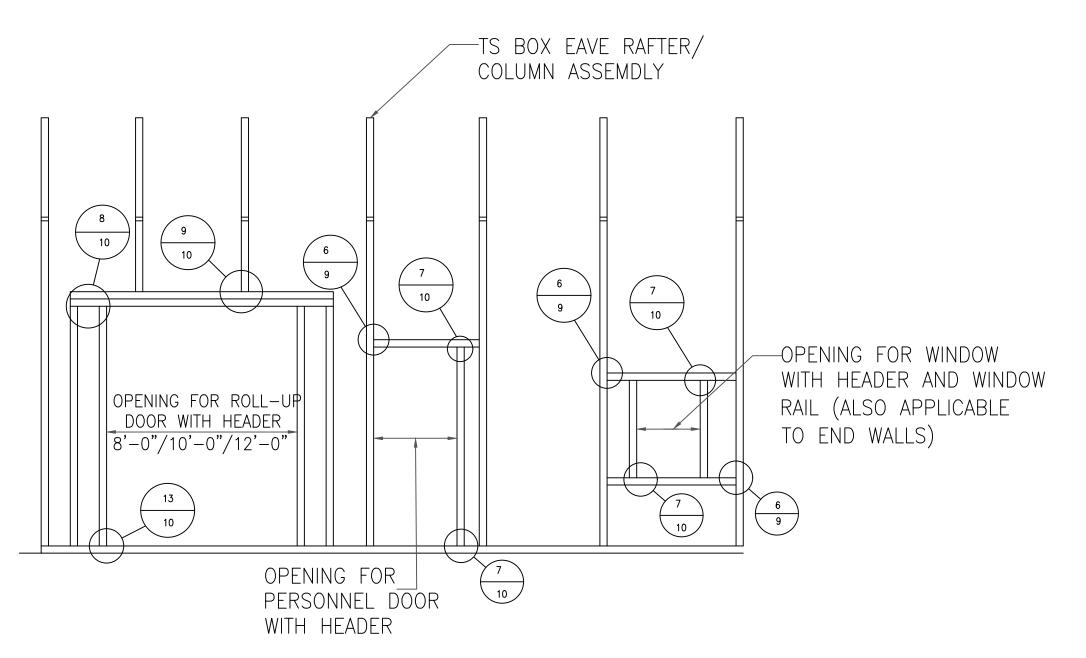
BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



TYPICAL BOX EAVE RAFTER

END WALL FRAMING SECTION

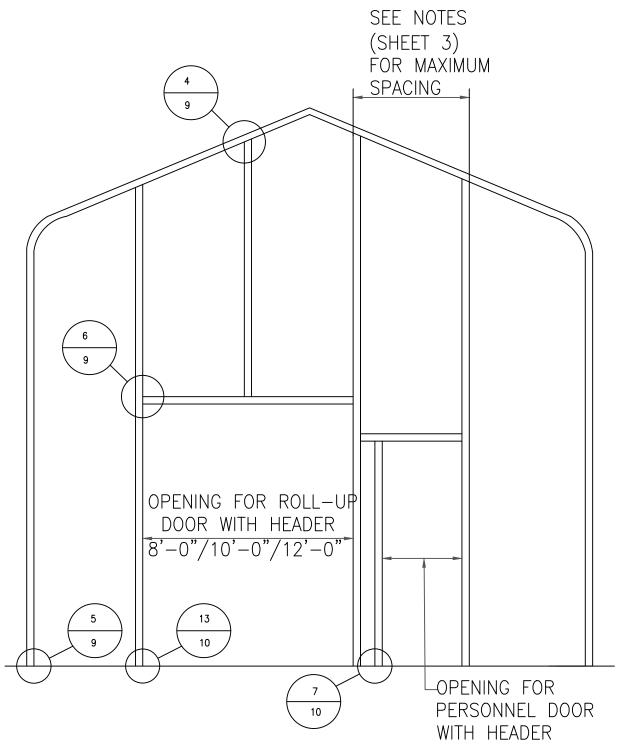
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TYPICAL BOX EAVE RAFTER

SIDE WALL OPENINGS FRAMING SECTION

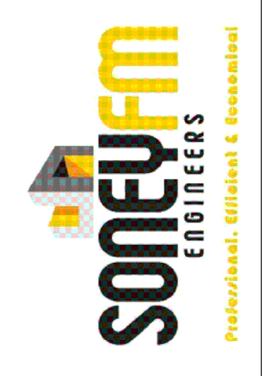
SCALE: N.T.S.



TYPICAL BOX EAVE RAFTER END

WALL OPENINGS FRAMING SECTION

SCALE: N.T.S.



PH:-813-388-6090

SONEY FM LLC

AKE PROFESSIONAL CENTER

CROSS CREEK BLVD., SUITE P

TAMPA, FL 33647

www.soneyfmllc.com

Job # S2080

Drawn By: K.D.

Checked By: S.G.

Issue Date	:04-10-21
Revisions	
No. Date	Description
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ETAL MANUFACTURING, LLC

S8TH TRACE

4, FL 32060

Digitally signed by R
DN: CN=Ram Goel
E=soneyfmlt@yahc
OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida
Date: 2021.04.11
11:15:10-04'00'

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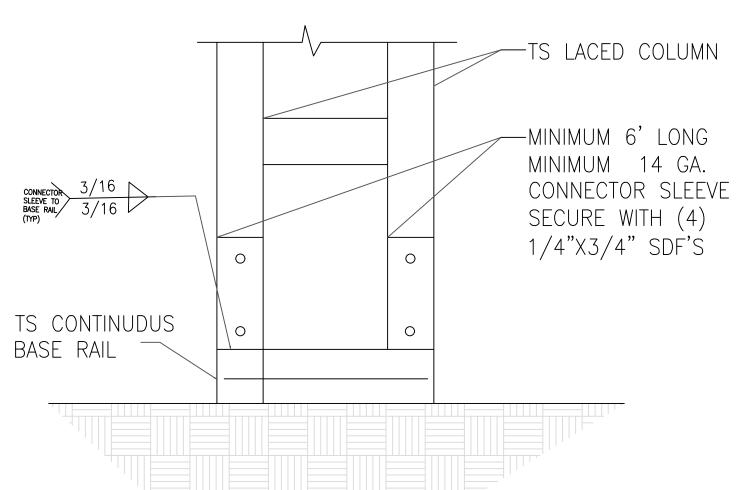


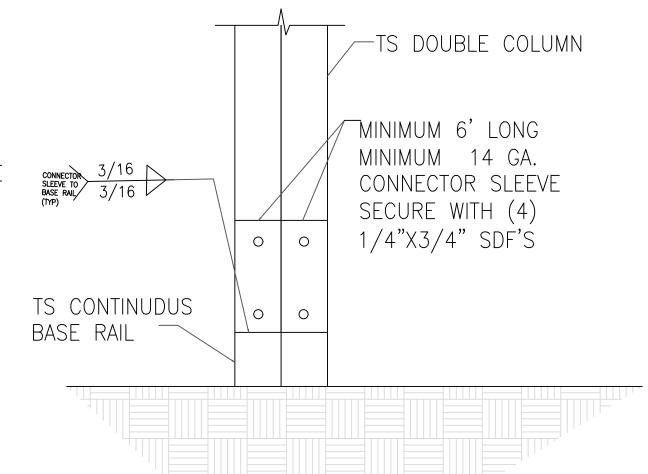
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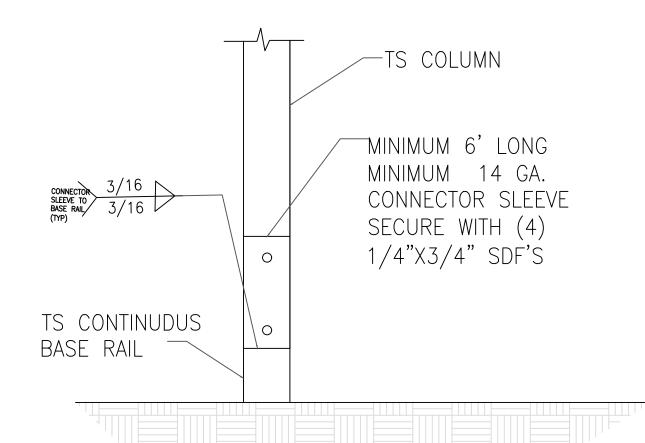
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CONNECTION DETAILS

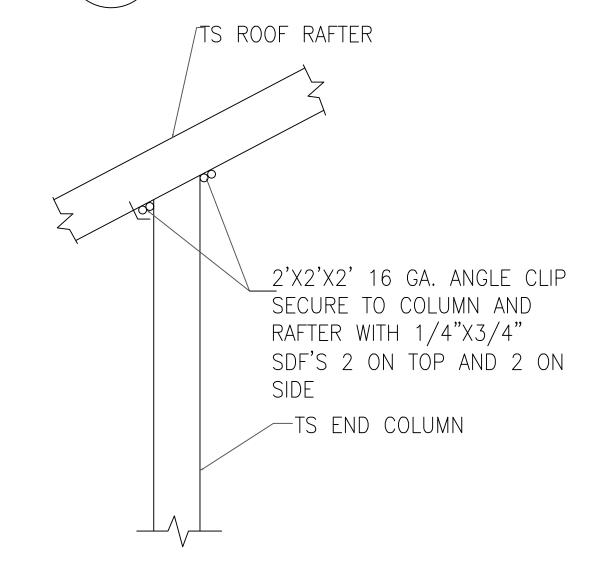






POST/BASE RAIL
CONNECTION DETAIL
scale: nts

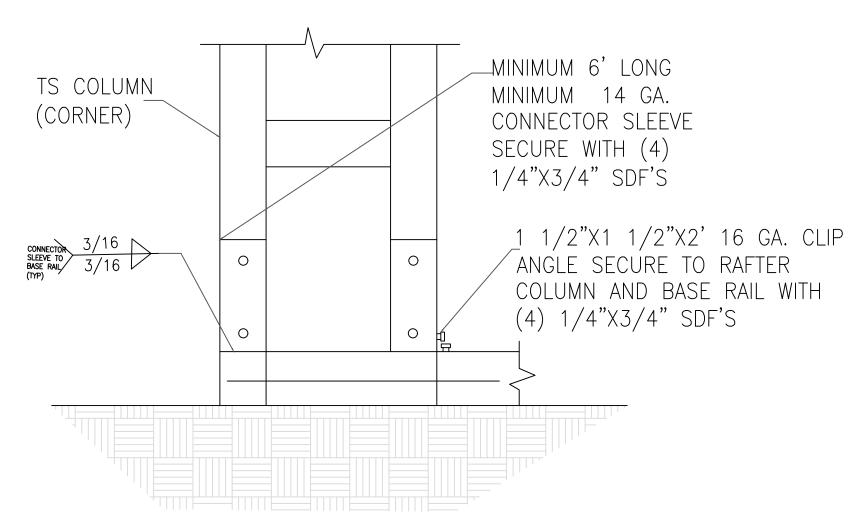
POST/BASE RAIL CONNECTION DETAIL
SCALE: NTS

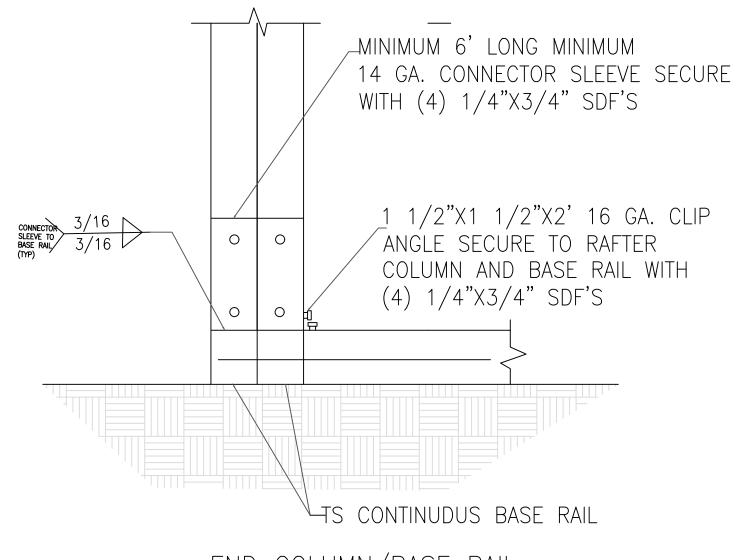


POST/BASE RAIL

CONNECTION DETAIL

SCALE: NTS





END COLUMN/RAFTER
CONNECTION DETAIL
SCALE: NTS

END COLUMN/BASE RAIL CONNECTION DETAIL scale: NTS

END COLUMN/BASE RAIL CONNECTION DETAIL SCALE: NTS

TS COLUMN (CORNER)	MINIMUM 6' LONG MINIMUM 14 GA. CONNECTOR SLEEVE SECURE WITH (4) 1/4"X3/4" SDF'S
CONNECTOR 3/16 SLEEVE TO BASE RAIL 3/16 (TYP)	1 1/2"X1 1/2"X2' 16 GA. CLIP ANGLE SECURE TO RAFTER COLUMN AND BASE RAIL WITH (4) 1/4"X3/4" SDF'S
	TS CONTINUDUS BASE RAIL

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END COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS

ssue Date:04-10-2 Revisions: No. Date Description

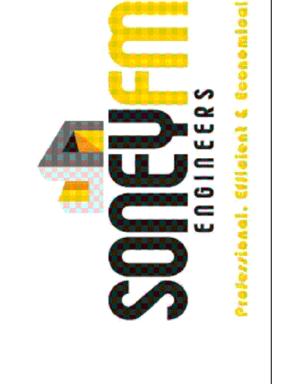
Job # S2080

Drawn By: K.D.

Checked By: S.G.

SONEY CORY LAKE PROFE 10329 CROSS CRE TAMPA, F

CONNECTION DETAILS



SONEY FM I CORY LAKE PROFESSIC 10329 CROSS CREEK B TAMPA, FL 33

Job # S2080 Drawn By: K.D. Checked By: S.G.

ssue Date:04-10-2 Revisions: No. Date Description

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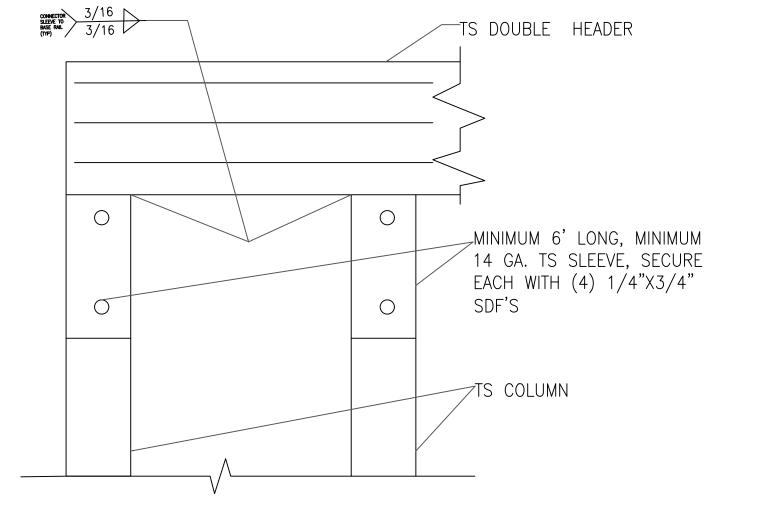
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TS TRUSSED RAFTER CHORD OR NON-STRUCTURAL HEADER 2'x2'x2' 16 GA. ANGLE CLIP SECURE TO COLUMN (EACH TS END COLUMN SIDE)AND RAFTER OR DOOR WINDOW CHORD/RAIL WITH 1/4"X3/4" FRAME POST SDF'S 2 ON BOTTOM AND 2 ON SIDE TS HEADER BASE NOTE: AT ROLL-UP DOOR RAIL, OR WINDOW OPENINGS, COLUMN SHOULD RAIL BE FLUSH WITH RAIL END CLIP COLUMN TO RAIL ONLY

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

> > TS COLUMN



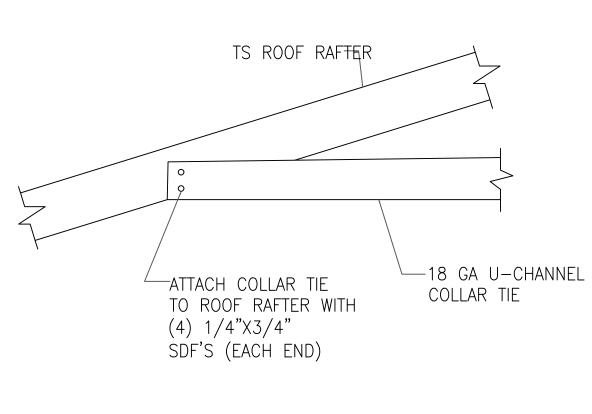
TS ROOF RAFTER

RAFTER TO CHORD

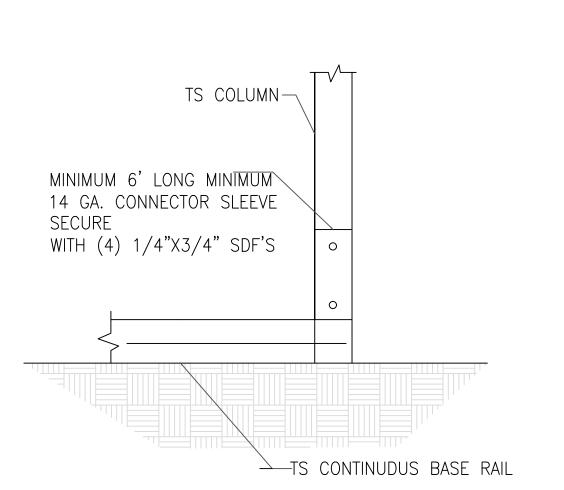
SCALE: NTS

CONNECTION DETAIL

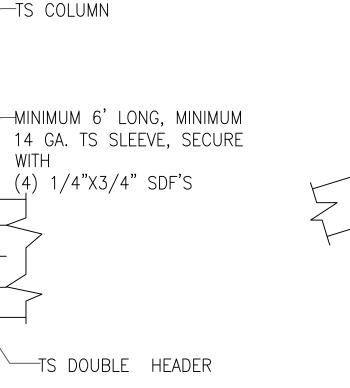
DOUBLE HEADER/COLUMN
CONNECTION DETAIL
SCALE: NTS







COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE: NTS



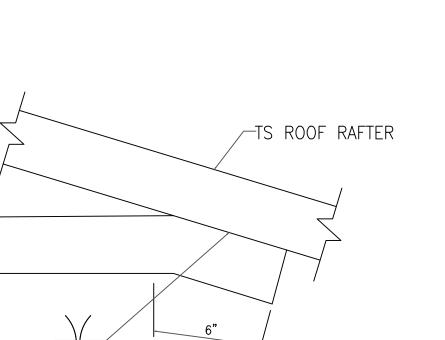
ON SIDE OPPSITE THE

OPENING.



CONNECTOR 3/16
SLEEVE TO HEADER 3/16

TS COLLAR TIE



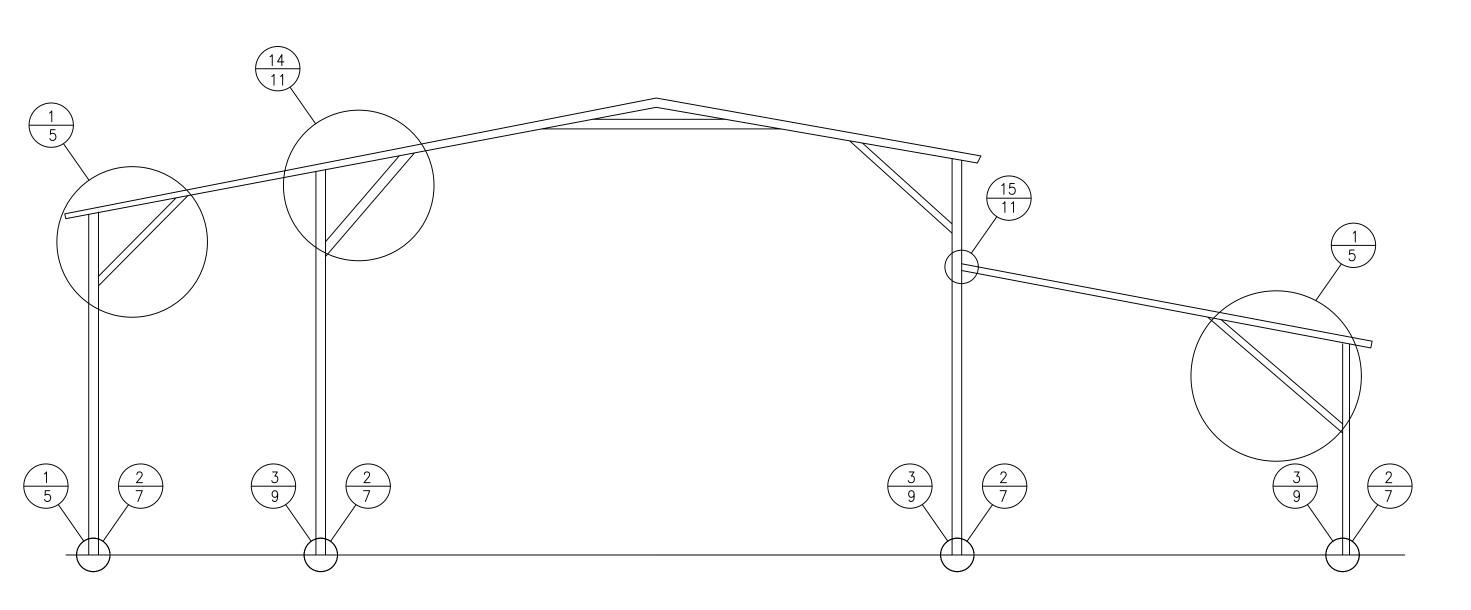




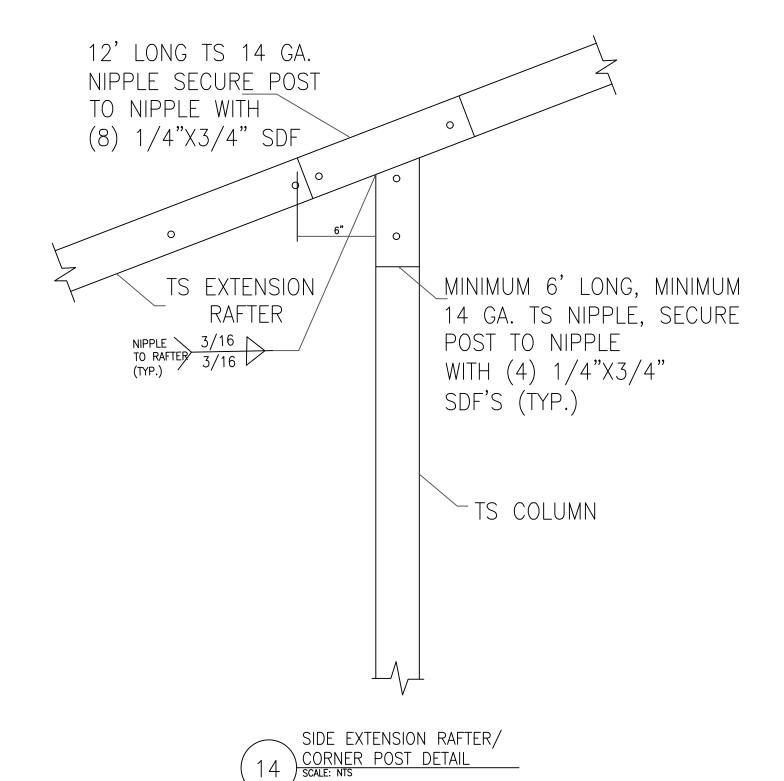
─_TS CHORD

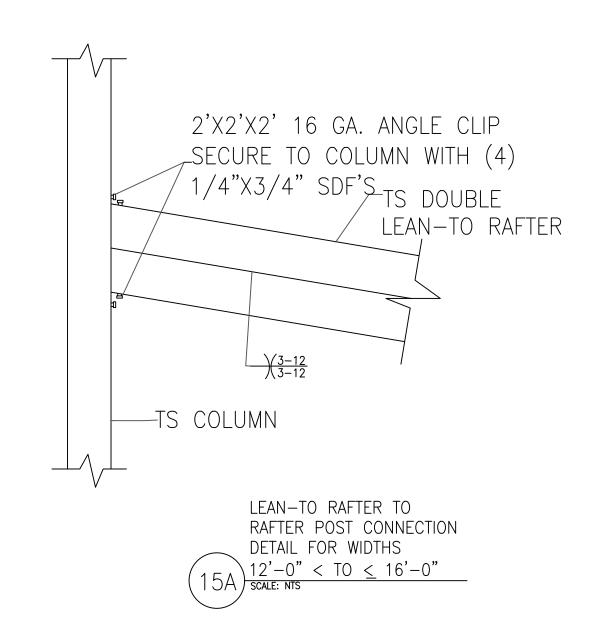
Ram Goel OU-Soney FM LLC, OS-Soney FM LLC, L=Tampa, S=Florida Date: 2021.04.11 11:14:29-04'00'

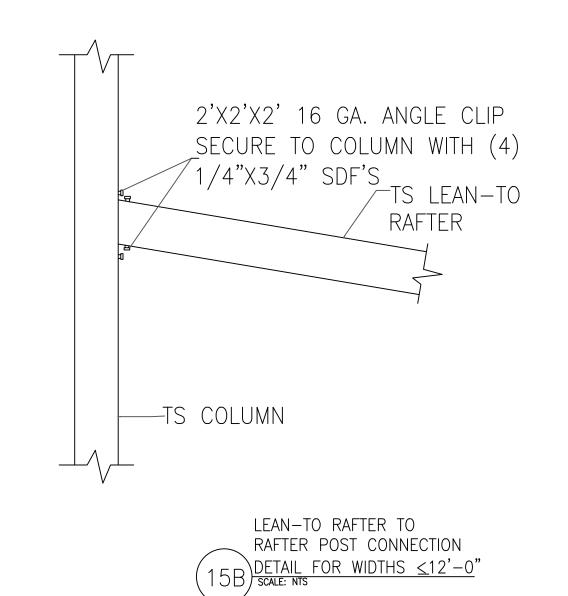
BOX EAVE RAFTER LEAN-TO OPTIONS

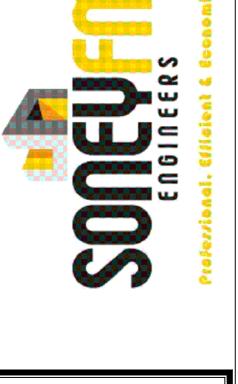


TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN) scale: NTS









SONEY FM LLC
RY LAKE PROFESSIONAL CENTER
329 CROSS CREEK BLVD., SUITE P
TAMPA. FL. 33647

Job # S2080

Drawn By: K.D.

Checked By: S.G.

Issu	ue Dat	te:0	4-10-21
	VİSİOI Date	ns:	Description
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S	
OPTIONS	
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EAN-T	MANUFACTURING, LI TRACE 32060
	IANUFA(RACE 32060
ZAFTER	MANUF TRACE L 3206(

Digitally signed by Ram G
DN: CN=Ram Goel +
E=soneyfmllc@yahoo.coi
OU=Soney FM LLC,
L=Tampa, S=Florida, C=t
Date: 2021.04.11
11:14:08-04'00'

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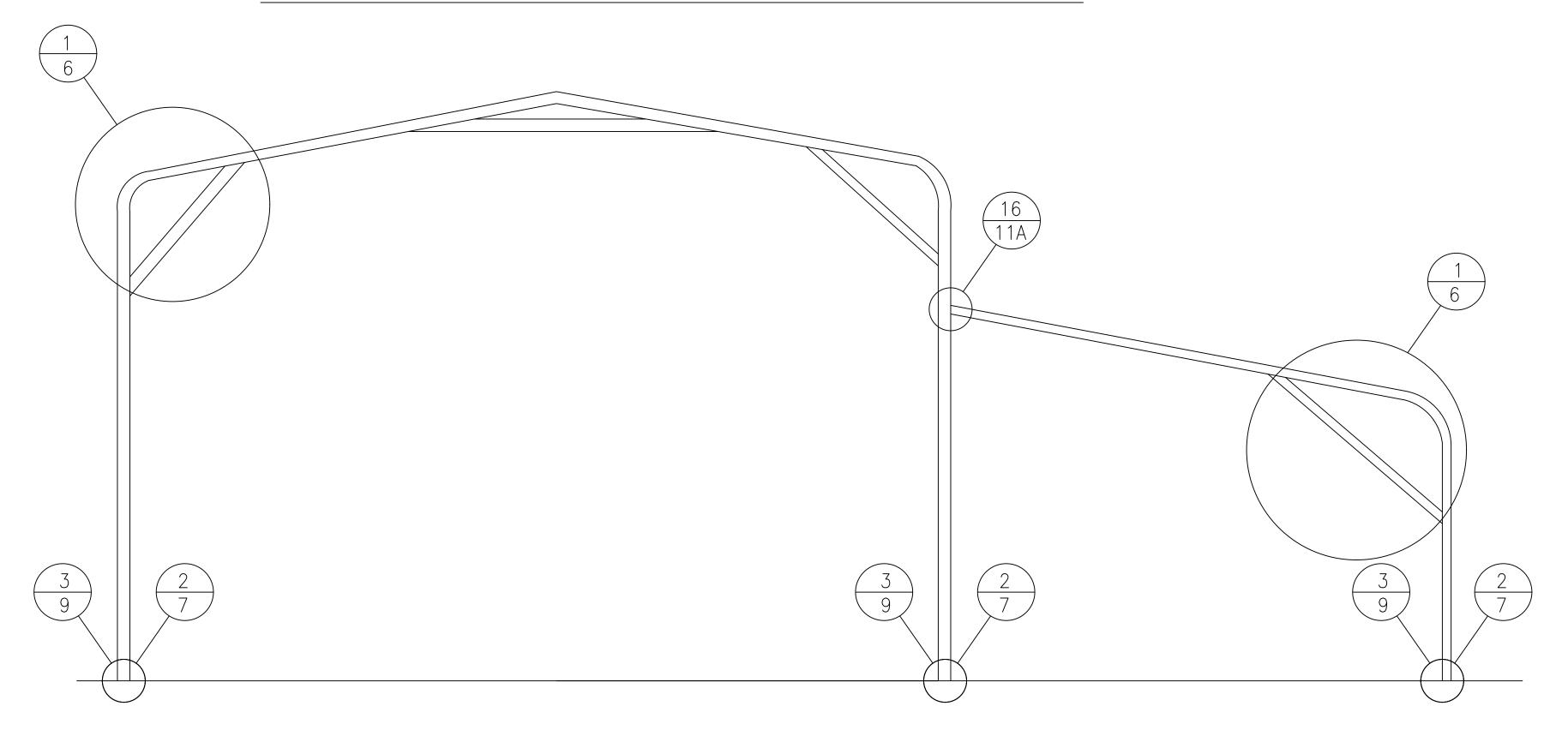
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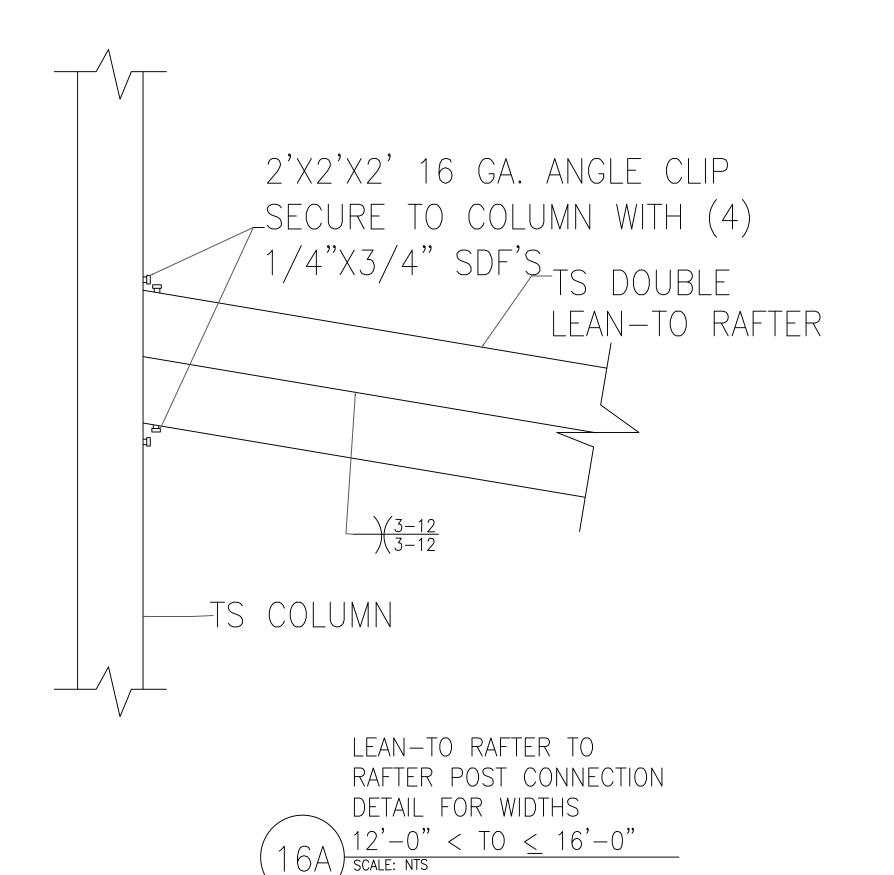
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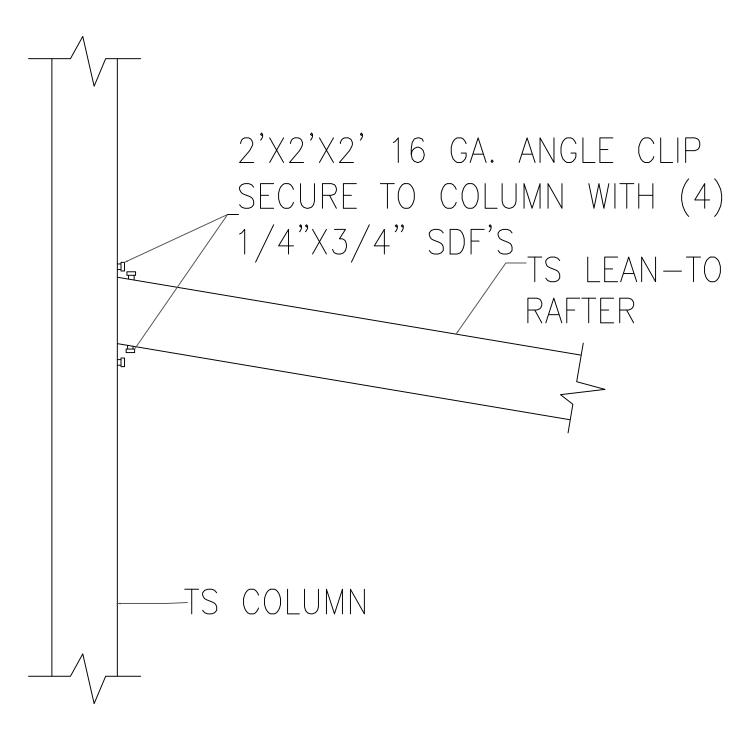
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BOX EAVE RAFTER LEAN-TO OPTIONS



TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION SCALE: NTS

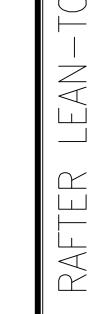




LEAN-TO RAFTER TO
RAFTER POST CONNECTION

(16B) DETAIL FOR WIDTHS <12'-0"
scale: NTS

STATE OF FLORIDA



EAVE RAF

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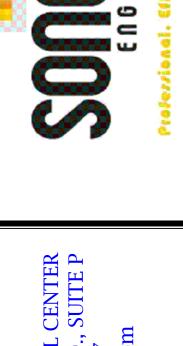
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Dr. Ram A. Goel PE # 47431

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CORY LAKE PROFESSIONAL CEN
10329 CROSS CREEK BLVD., SUIT
TAMPA, FL 33647
www.sonevfmllc.com

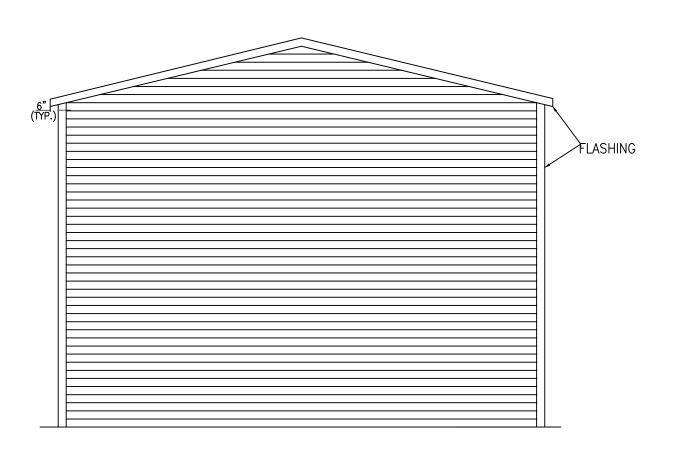
Job # S2080

Drawn By: K.D.

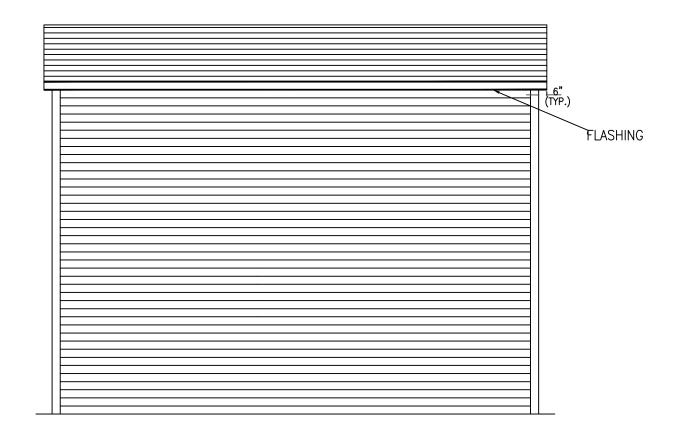
Checked By: S.G.

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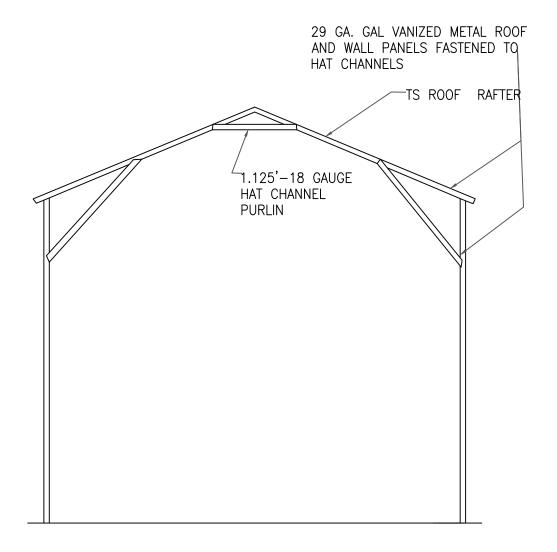
BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



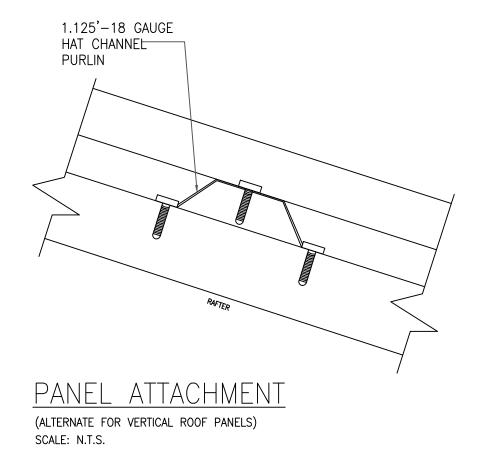
TYPICAL END ELEVATION VERTICAL ROOF/SIDING

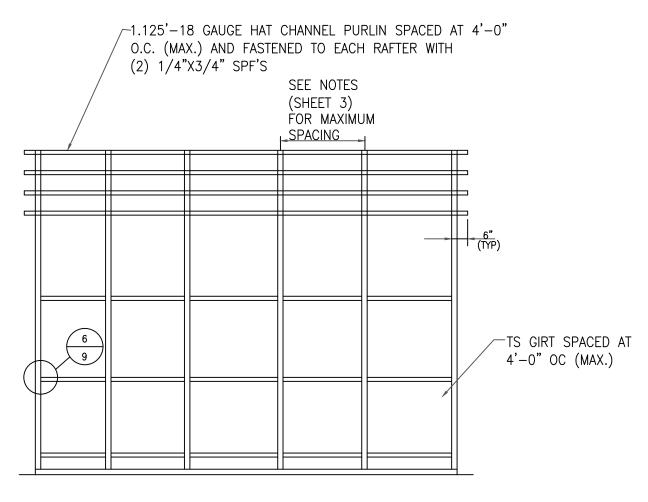


TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING scale: n.t.s.



TYPICAL SECTION VERTICAL ROOF/SINDING OPTION





TYPICAL FRAME SECTION VERTICAL ROOF/SIDING OPTION



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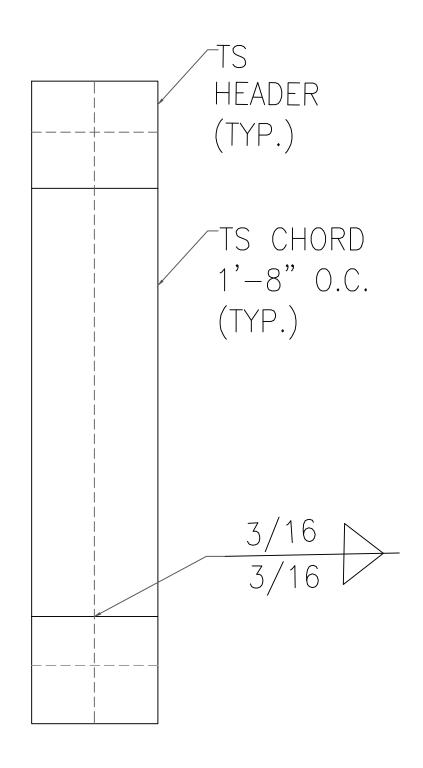
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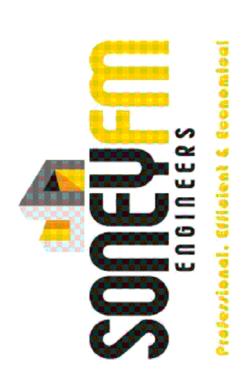
OPTIONAL HEADER



HEADER DETAIL FOR DOOR

OPENINGS 12'-0" < LENGTH < 20'-0"

SCALE: N.T.S.



G. Marceau, P.E. # 64466
H:-813-388-6090
SONEY FM LLC

Job # S2080
Drawn By: K.D.

Checked By: S.G.

Issue Date:	Issue Date:04-10-21		
Revisions No. Date	Description		
\triangle 11			
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MANUFACTURING, LLC

Digitally signed by Ram Gool
DN: CN=Ram Goel +
E=soneyfmlle@yahoo.com,
OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida, C=US
Date: 2021.04.11
10:52:57-04'00'

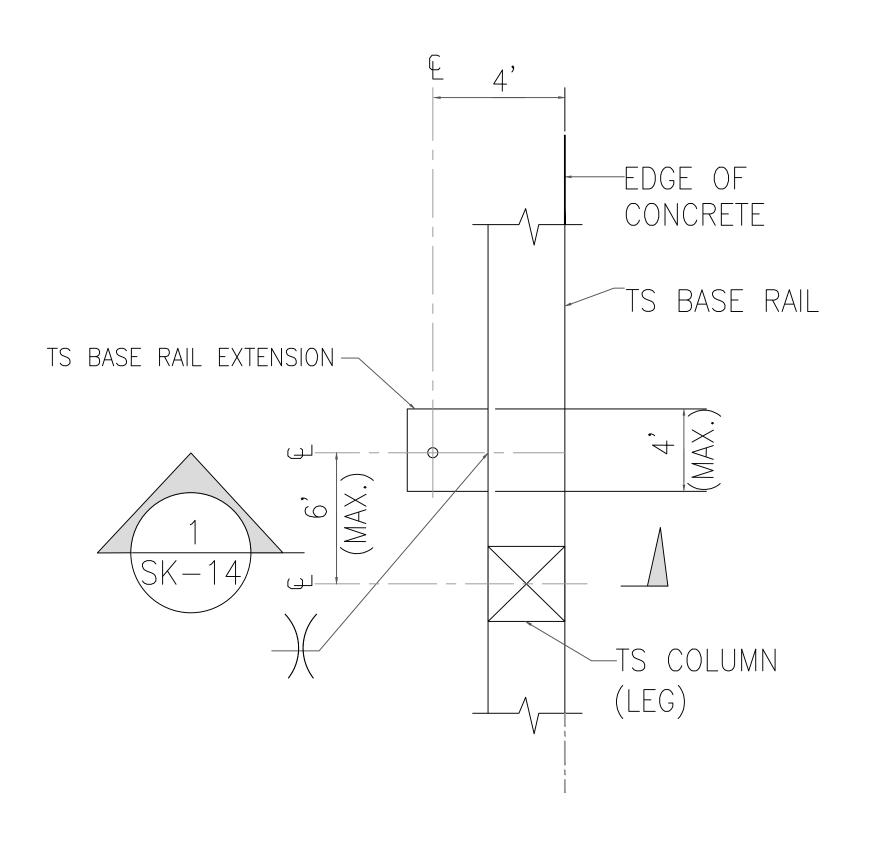
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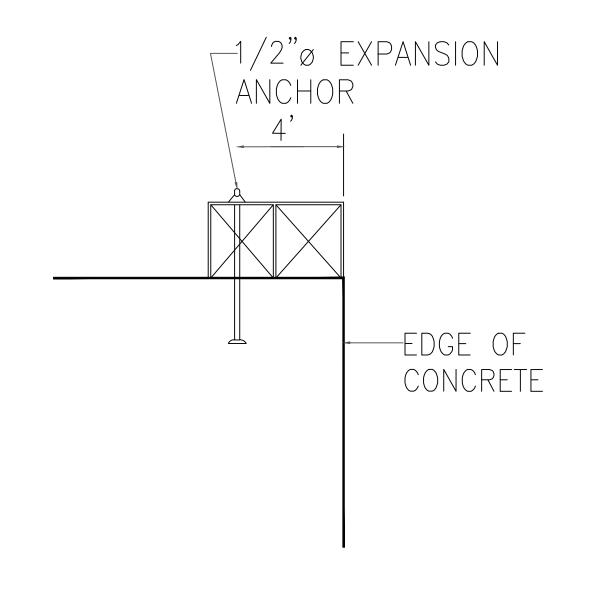
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Dr. Ram A. Goel PE # 47431

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ADDITIONAL BASE RAIL ANCHORAGE OPTION





TYPICAL ANCHOR DETAIL WHEN BASE RAIL IS NEAR EDGE OF CONCRETE SCALE: N.T.S.

1 1/2" WASHERS_

TS CONTINUDUS

BASE RAIL

- DRILL 5/8" DIAMETER

HOLE THROUGH THE BASE RAIL

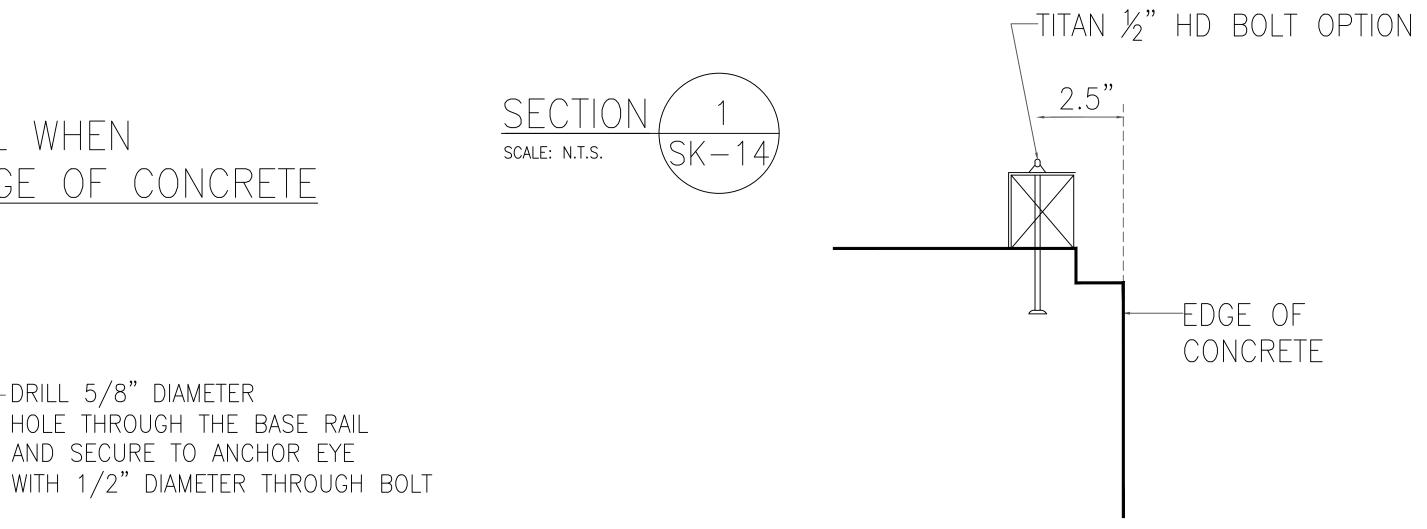
AND SECURE TO ANCHOR EYE

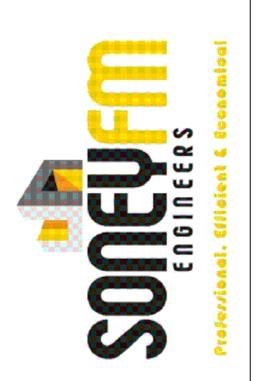
TOP OF ASPHALT

GROUND SURFACE

ASPHALT BASE ANCHORAGE SCALE: NTS

PAVEMENT OR

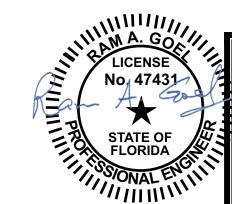




Job # S2080 Drawn By: K.D. Checked By: S.G.

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ISSU	je Date	<u> </u>	4-10-21
Re	vision	s:	
No.	Date		Description
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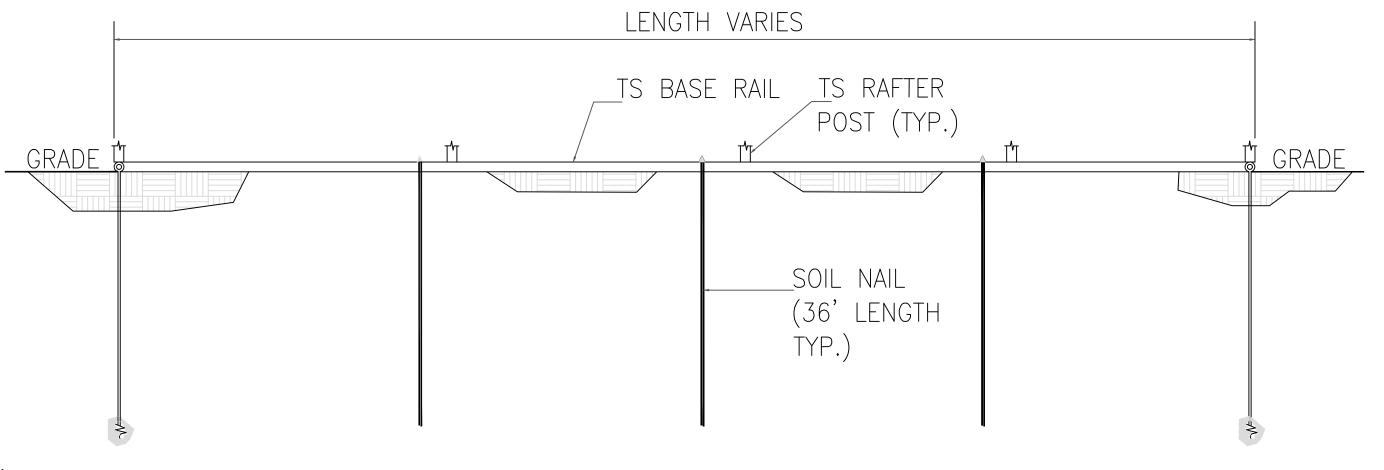


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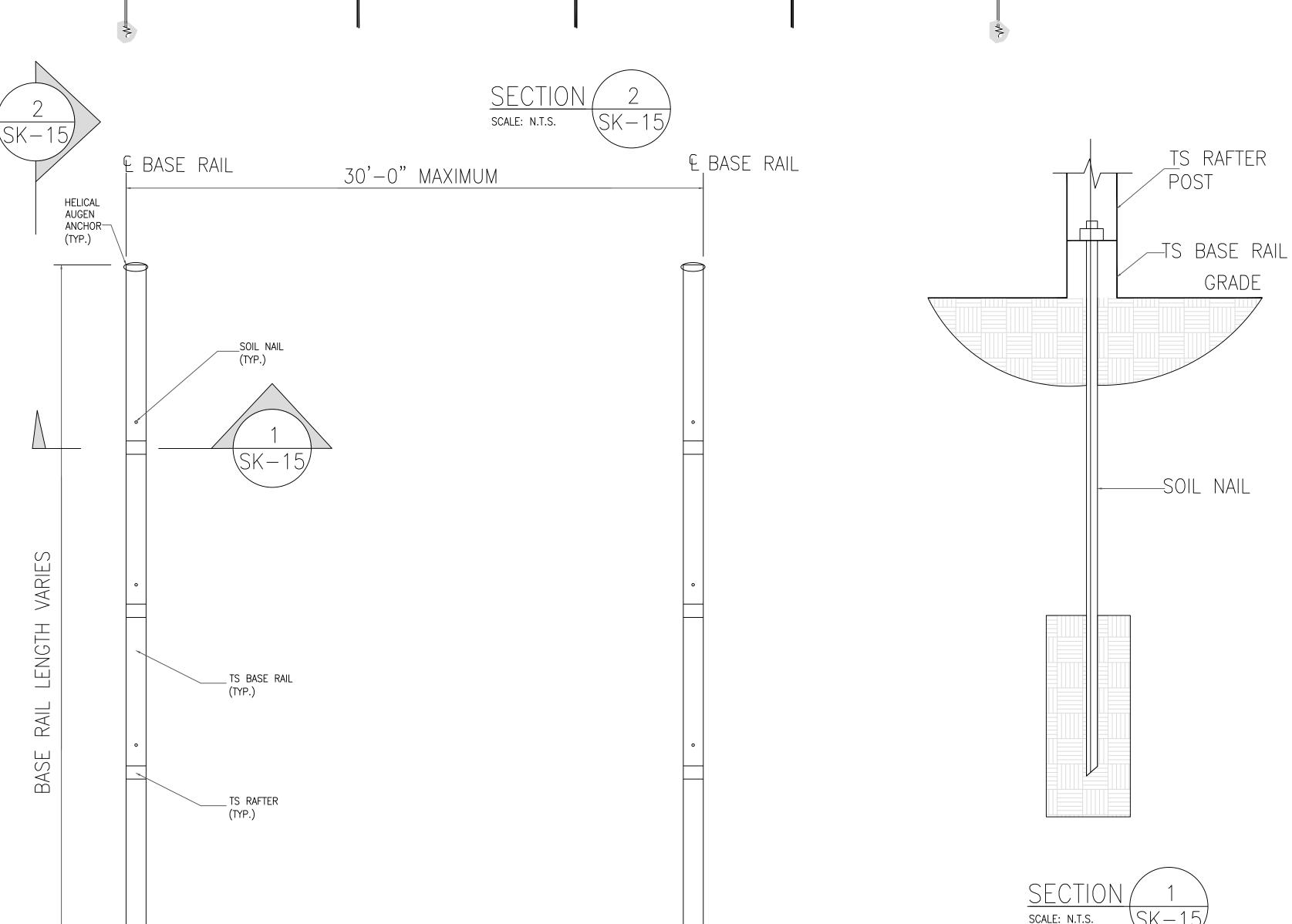
WITH CHAPTER 16 OF 2020 7TH EDITION FLORIDA BUILDING CODE AND APPLICABLE SUPPLEMENTS.

<u>OPTIONAL BASE RAIL ON GRADE APPLICATION</u>



30LT OPTION

CRETE



BASE RAIL PLAN

MAXIMUM SPACING

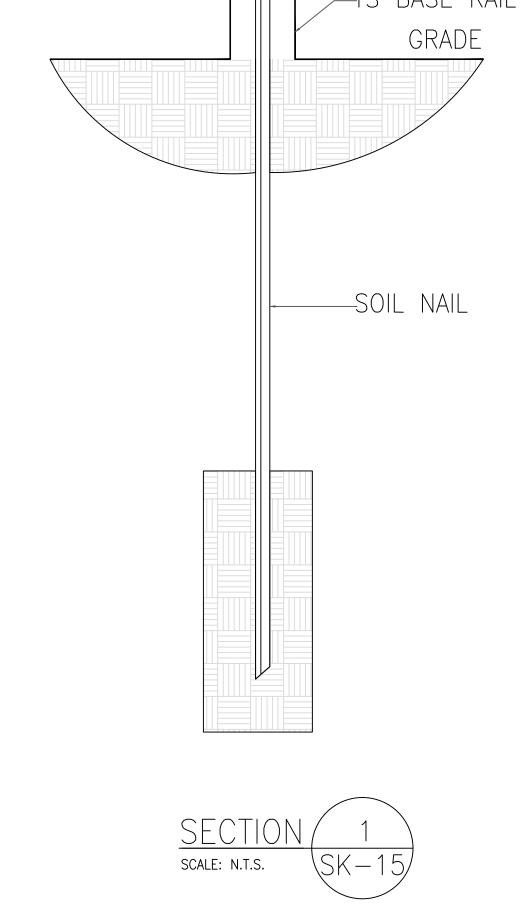
10'-0" (EVERY OTHER POST)

SCALE: N.T.S.

HELIX ANCHOR

SIDE

VARIES





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SONEY I CORY LAKE PROFE 10329 CROSS CREI TAMPA, F

Job # S2080

Drawn By: K.D.

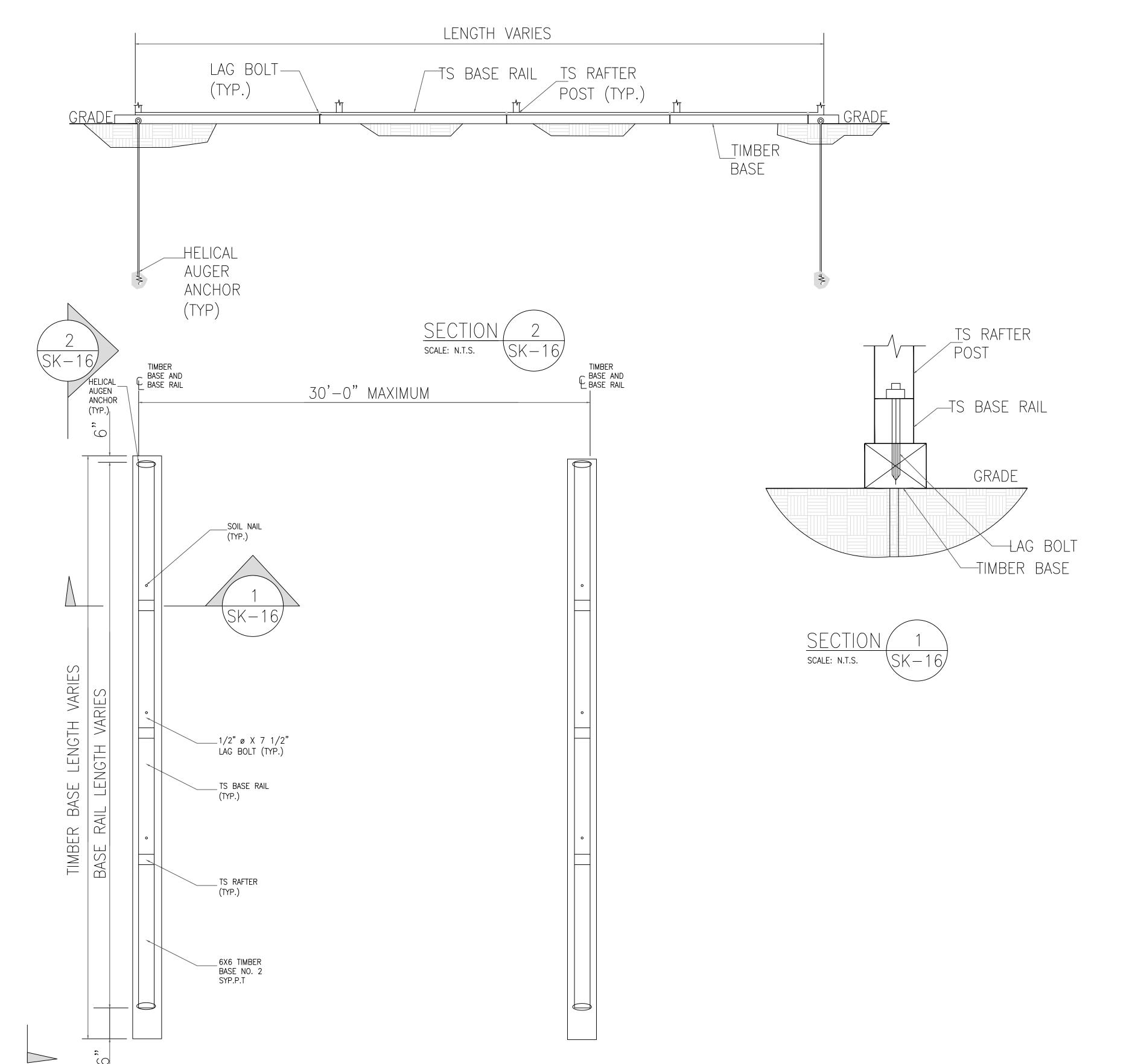
Checked By: S.G.

Revisions: No. Date

ssue Date:04-10-2

Description

OPTIONAL BASE RAIL ON GRADE APPLICATION



TIMBER FOOTING PLAN

MAXIMUM SPACING

10'-0" (EVERY OTHER POST)

HELIX ANCHOR

SCALE: N.T.S.

SIDE

VARIES

LENGTH



Digitally signed by Ram Goel
DN: CN=Ram Goel +
E=soneyfmllc@yahoo.com,
OU=Soney FM LLC,
O=Soney FM LLC,
L=Tampa, S=Florida, C=US
Date: 2021.04.11
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SONEY I CORY LAKE PROFE 10329 CROSS CREE TAMPA, F

Job # S2080

Drawn By: K.D.

Checked By: S.G.

ssue Date:04—10—2

MANUFAC

Description

OPTIONAL BASE RAIL ON GRADE APPLICATION LENGTH VARIES TS RAFTER POST (TYP.) TS BASE RAIL GRADE T _TIMBER BASE -SOIL NAIL (36' LENGTH TYP.) _HELICAL AUGER ANCHOR (TYP) \SK-17/ SCALE: N.T.S. TS RAFTER TIMBER _ BASE AND BASE RAIL TIMBER BASE AND BASE RAIL SONEY CORY LAKE PROFE 10329 CROSS CRE HELICAL AUGEN \ ANCHOR (TYP.) 30'-0" MAXIMUM TS BASE RAIL GRADE Job # S2080 _SOIL NAIL Drawn By: K.D. Checked By: S.G. ssue Date:04—10—2 —SOIL NAIL Revisions: No. Date Description TIMBER BASE LENGTH VARIES BASE RAIL LENGTH VARIES _1/2" ø X 7 1/2" LAG BOLT (TYP.) TS BASE RAIL (TYP.) _ TS RAFTER (TYP.) MANUFAC _6X6 TIMBER BASE NO. 2 SYP.P.T SCALE: N.T.S. TIMBER FOOTING PLAN SCALE: N.T.S. HELIX ANCHOR

SIDE

VARIES

ENGTH

MAXIMUM SPACING

10'-0" (EVERY OTHER POST)

NOTE:

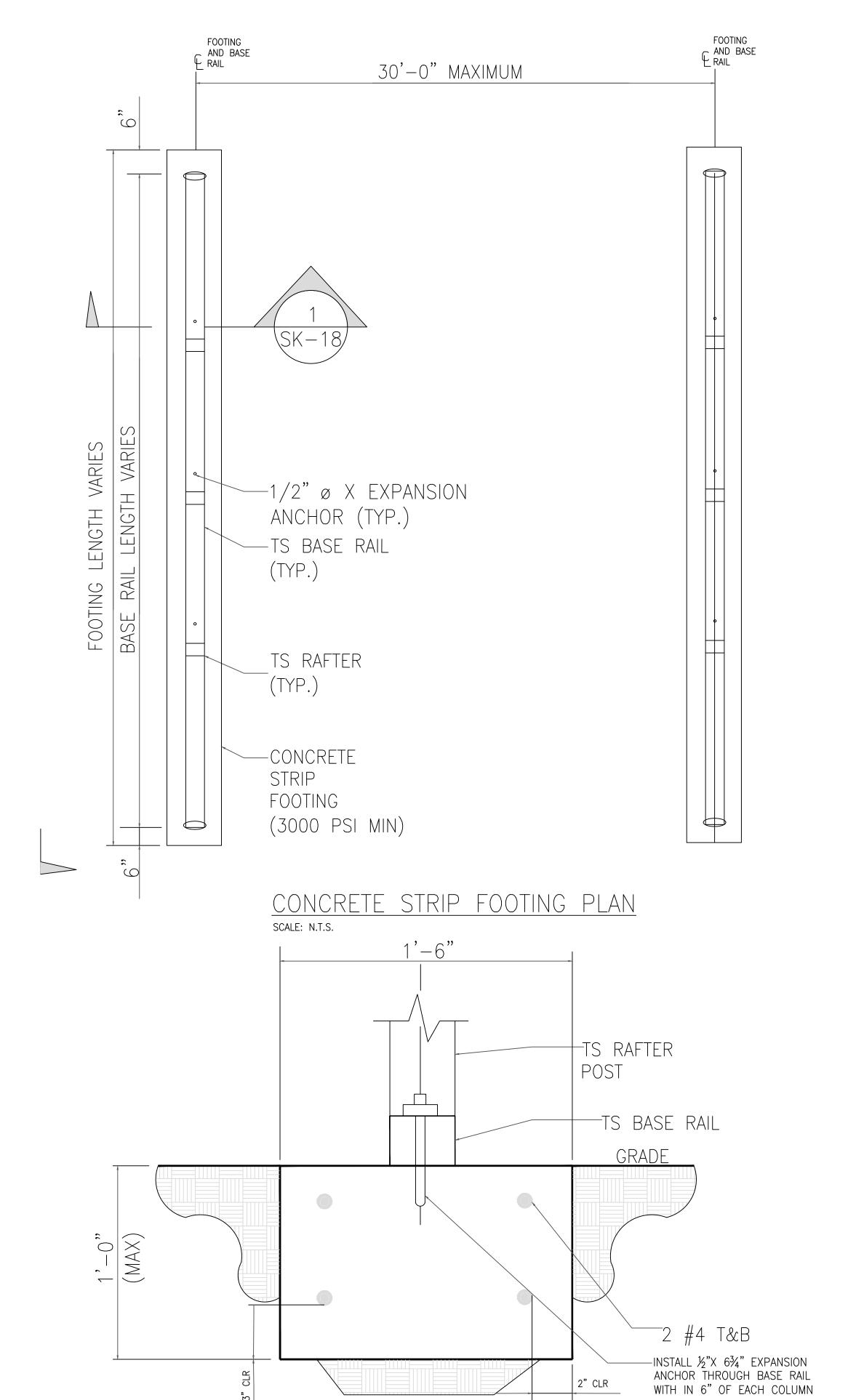
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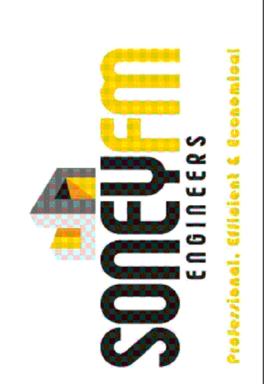
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OPTIONAL CONCRETE STRIP FOOTING



SCALE: N.T.S.

¤ COORDINATE WITH LOCAL CODES/ORD.



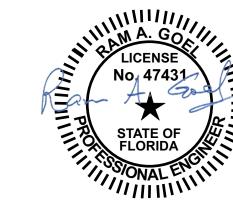
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Revisions	
No. Date	Description
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