



ENCLOSED GABLE END BUILDING

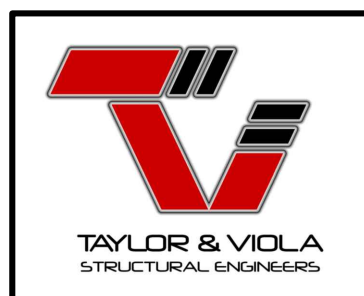
MAXIMUM >0' TO <30'-0" WIDE x <20'-0" MAXIMUM EVE HEIGHT (BOX FRAME)
(UP TO) 145 M.P.H. WIND ZONE - 35 P.S.F. SNOW LOAD

FOR:

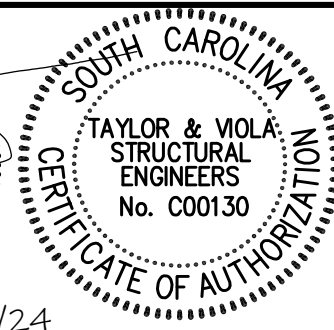
ELITE CARPORTS, LLC

715 WILLOW STREET
MOUNT AIRY, NORTH CAROLINA 27030
TELE: 336-415-5122


ISSUE DATE: APRIL 03, 2024



NOTE: THESE DRAWINGS ARE VALID FOR (1) ONE CALENDAR YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.



A circular professional engineer seal for the state of Alabama. The outer ring contains the text "ALABAMA" at the top and "ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSED" is arched above the number "NO. 26138". Below the number is the word "PROFESSIONAL". At the bottom of the seal, the name "JAMES S. TATE" is written in an arc. The seal is crossed out with a large, bold, handwritten "X". A handwritten "47" is visible in the bottom right corner of the page.




COMMONWEALTH OF VIRGINIA
JAMES S. TATE
No. 37246
PROFESSIONAL ENGINEER



3/24

1/24

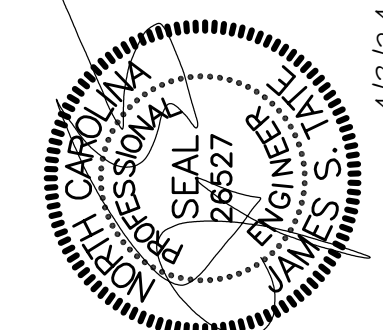


Date: 04/03/24

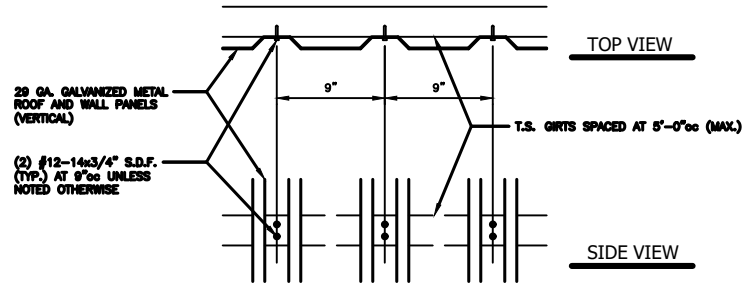
JCMT Associates, PLLC

TT Associates, P
211 Stone Drive, Pilot Mountain, NC 27041
Telephone: (336) 399-6277

Project No.
24-507

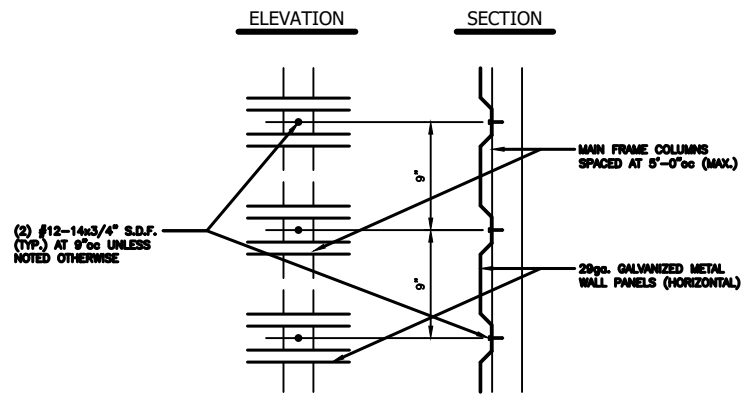
Sheet No.
S0A

4/5/24



(VERTICAL) SIDING CONNECTION DETAIL

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



(HORIZONTAL) SIDING CONNECTION DETAIL

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

APPENDIX "B"

STRUCTURAL DESIGN

DESIGN LOADS:

IMPORTANCE FACTORS	WIND	(1w)	1.00	
	SNOW	(1s)	1.00	
	SEISMIC	(1e)	1.00	
DEAD LOADS	ROOF	13	P.S.F.	
	ROOF COLLATERAL	0	P.S.F.	
LIVE LOADS	ROOF	20	P.S.F.	
GROUND SNOW LOAD:		35	P.S.F.	* DRIFT LOAD HAS NOT BEEN CALCULATED
WIND LOAD:	BASIC WIND SPEED	V 145	M.P.H.	(ASCE 7-16)
	EXPOSURE CATAGORY	A/B/C		

SEISMIC DESIGN CATAGORY ☒ A ☒ B ☒ C ☐ D

PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:

OCCUPANCY CATEGORY I/II

SPECTRAL RESPONSE ACCELERATION Ss VARIES BASED ON SITE %g S1 VARIES BASED ON SITE %g

SITE CLASSIFICATION D ☐ FIELD TEST ☒ PRESUMPTIVE ☐ HISTORICAL DATA

BASIC STRUCTURAL SYSTEM (CHECK ONE)

<input type="checkbox"/>	BEARING WALL	<input type="checkbox"/>	DUAL W/ SPECTRAL MOMENT FRAME
<input checked="" type="checkbox"/>	BUILDING FRAME	<input type="checkbox"/>	DUAL W/ INTERMEDIATE R/C OR SPECIAL STEEL
<input type="checkbox"/>	MOMENT FRAME	<input type="checkbox"/>	INVERTED PENDULUM

ANALYSIS PROCEDURE ☐ SIMPLIFIED ☒ EQUIVALANT LATERAL FORCE ☐ MODAL

LATERAL DESIGN CONTROL? ☐ EARTHQUAKE ☒ WIND

SOIL BEARING CAPACITIES:

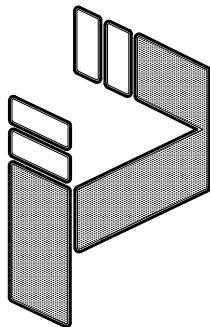
PRESUMPTIVE BEARING CAPACITIES: 1,500 P.S.F.

GENERAL NOTES:

- MAX FRAME SPACING SHALL BE 60"oc UNLESS NOTED OTHERWISE.
- MAX. END-WALL COLUMN SPACING SHALL BE 60"oc UNLESS NOTED OTHERWISE.
- TUBE MATERIAL SHALL BE 2-1/2" x 2-1/2" x 14 ga. 50 KSI MIN. UNLESS NOTED OTHERWISE.
- ALL FASTENERS SHALL BE (2) #12 SELF TAPPING AT 9"o.c. UNLESS NOTED OTHERWISE.
- 1,500 PSF ASSUMED BEARING CAPACITY UNLESS NOTED OTHERWISE.
- THESE DRAWINGS ARE NOT APPLICABLE TO OPEN / PARTIALLY OPEN BUILDINGS.
- THESE DRAWINGS ARE NOT DESIGNED FOR SLEEPING QUARTERS.

NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDER YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.

0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW



TAYLOR & VIOLA
STRUCTURAL ENGINEERS
P.O.B. 2616 HICKORY NORTH CAROLINA
TELE: 828-328-6331 FAX: 828-322-1801
WWW.TAYLORVIOLA.COM

Date:
04/03/24

Revisions:
-

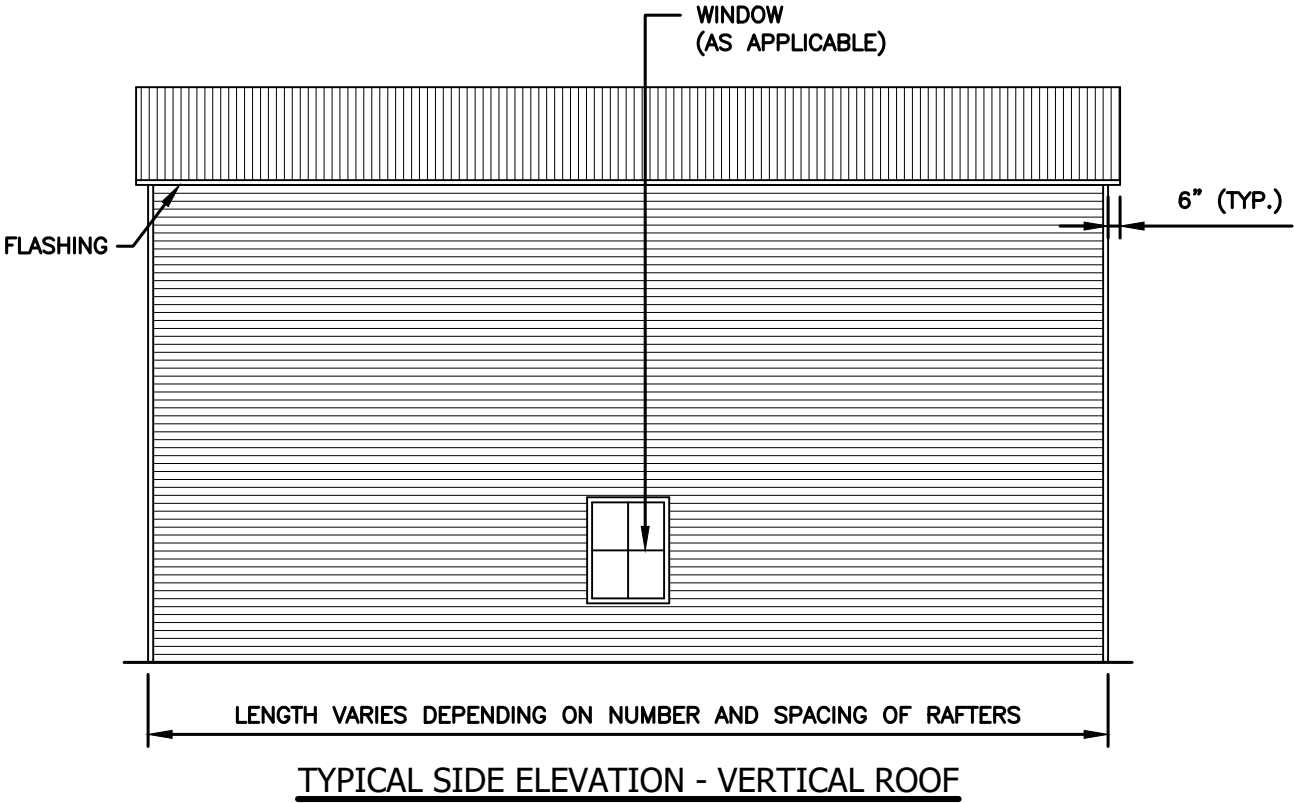
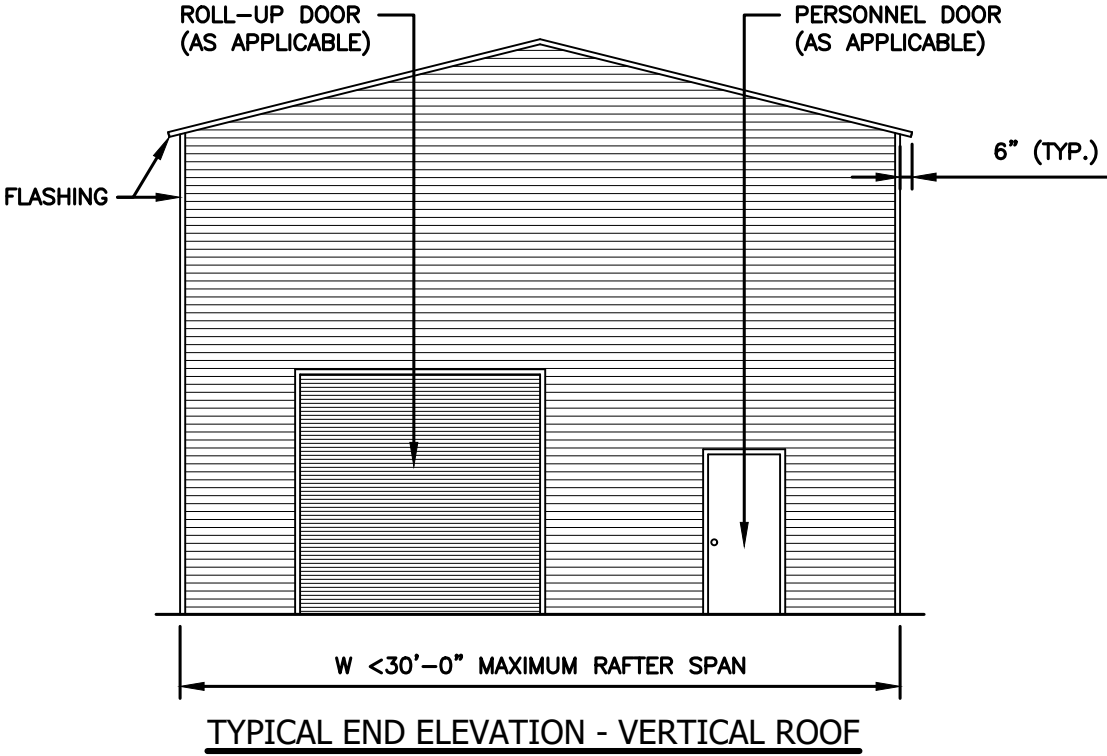
JCMT Associates, PLLC

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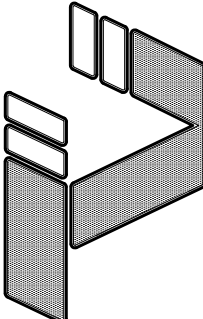

Project No.
24-507

Sheet No.
S0B

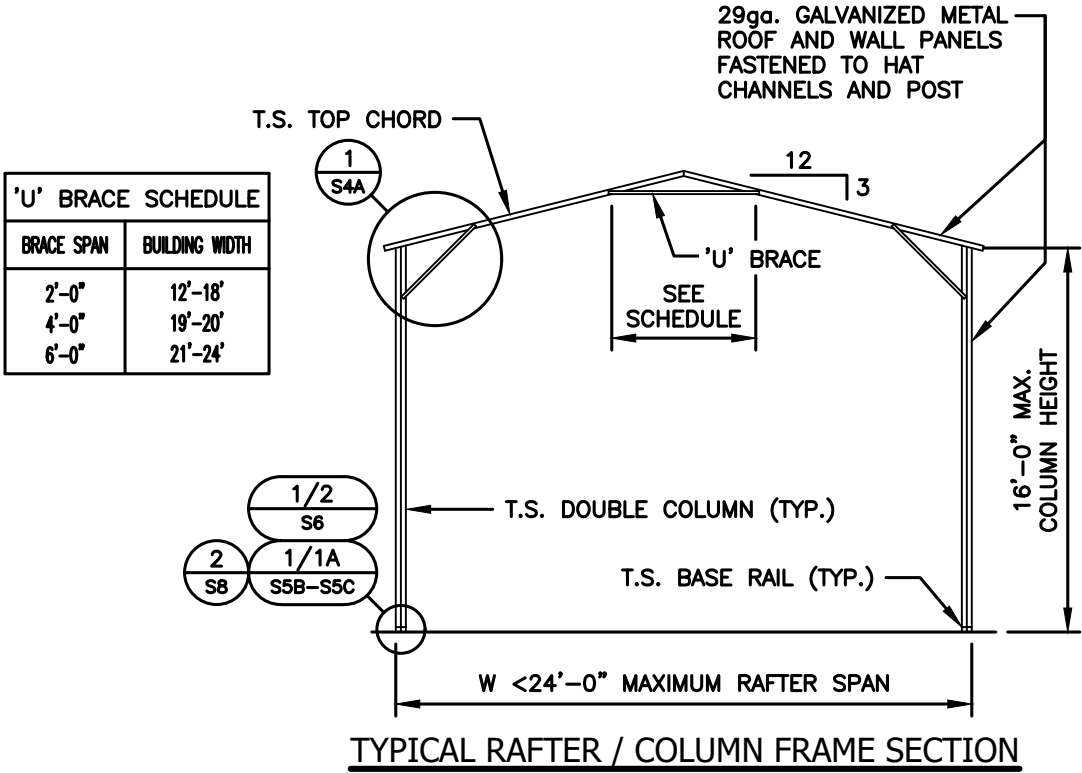
BOX EVE FRAME RAFTER STURCTURE



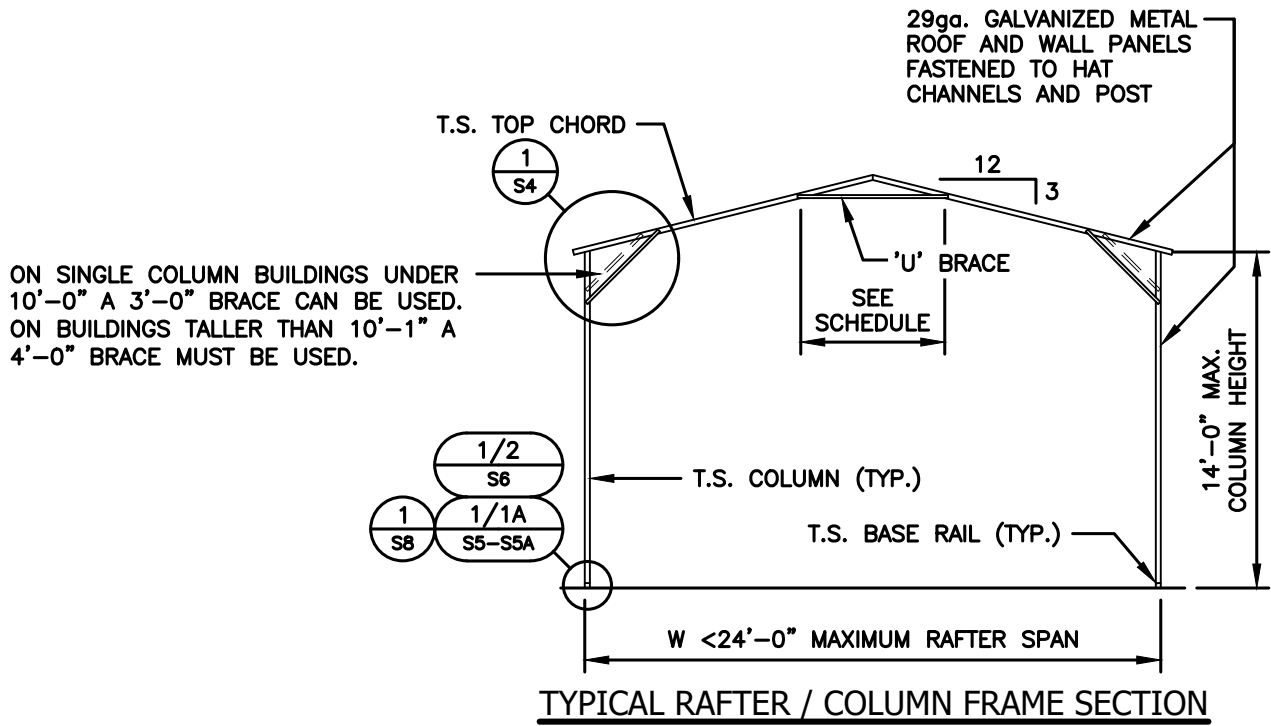
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 TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW.TAYLORVIOLA.COM		0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW		JCMT Associates, PLLC 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277		Project No. 24-507	Sheet No. S1
		Date: 04/03/24	Revisions: -				

(<24' WIDE / <16' HIGH) BOX EVE RAFTER END WALL SECTIONS



NOTE:
H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga.
MATERIAL MAY BE USED FOR TRUSS METAL.



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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW



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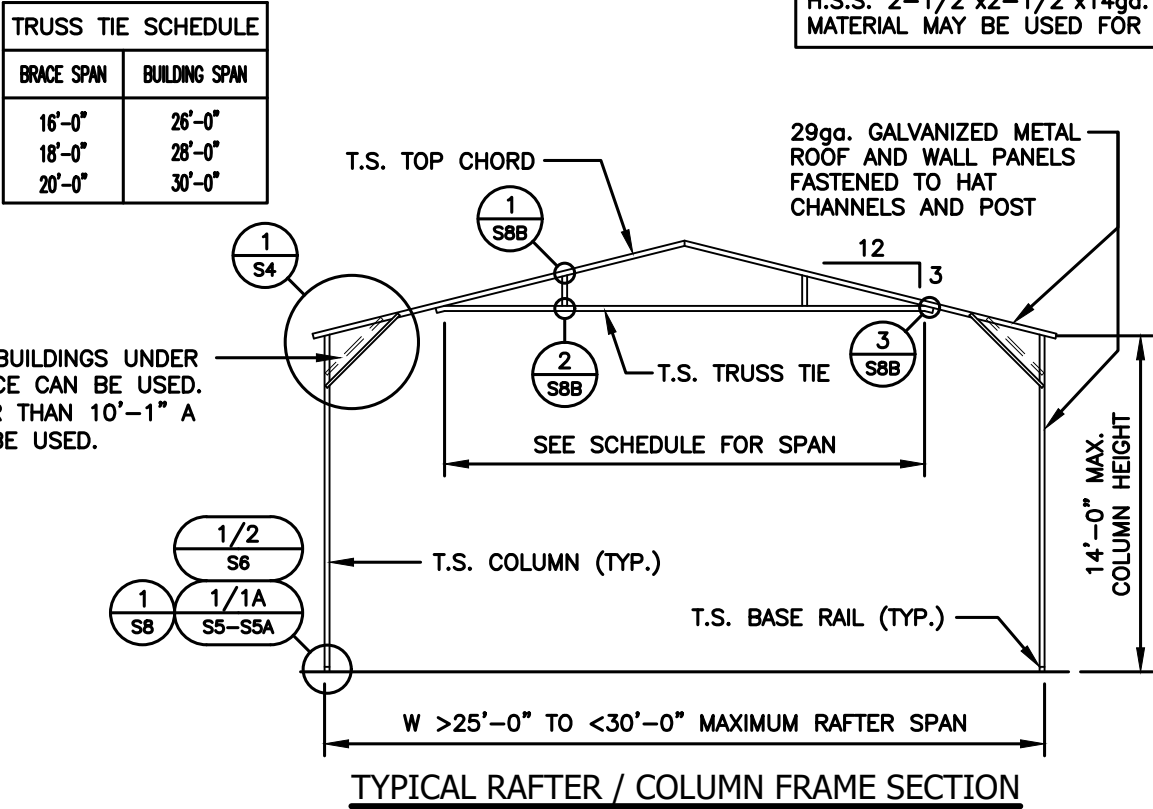
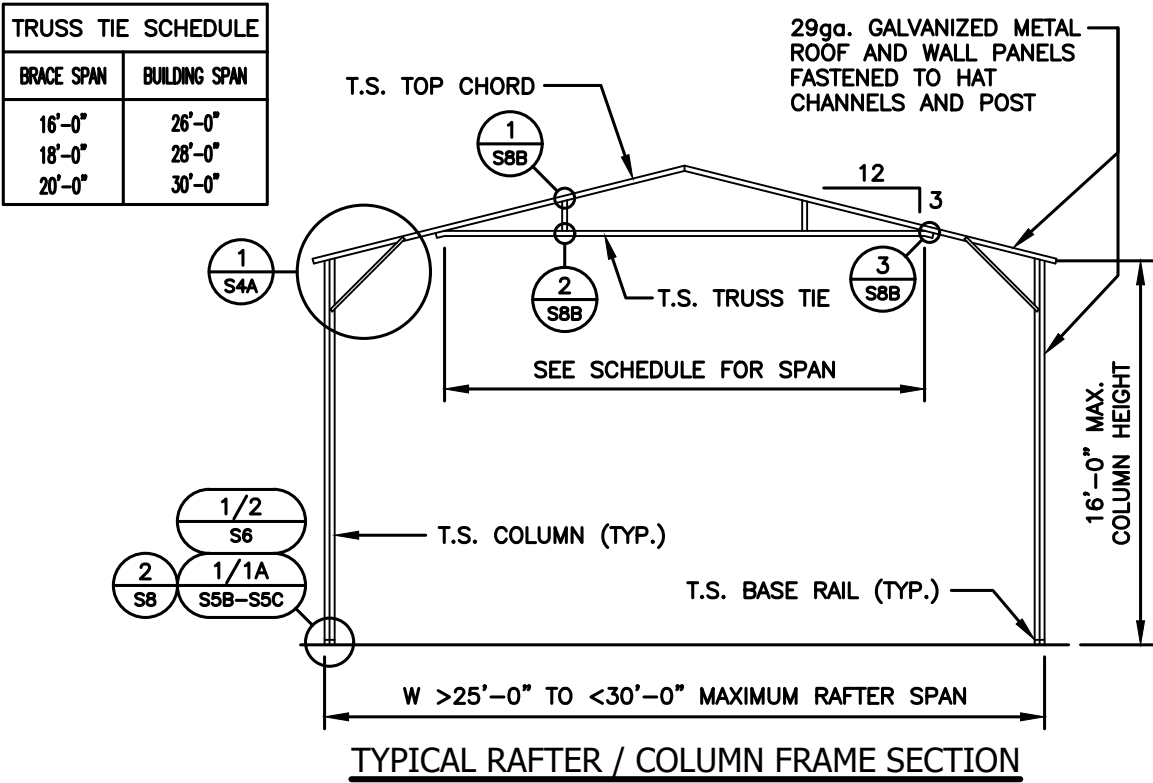
Date:
04/03/24

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Project No.
24-507

Sheet No.
S2

(>25' - <30' WIDE / <16' HIGH) BOX EVE RAFTER END WALL SECTIONS



NOTE:
H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga.
MATERIAL MAY BE USED FOR TRUSS METAL.

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW



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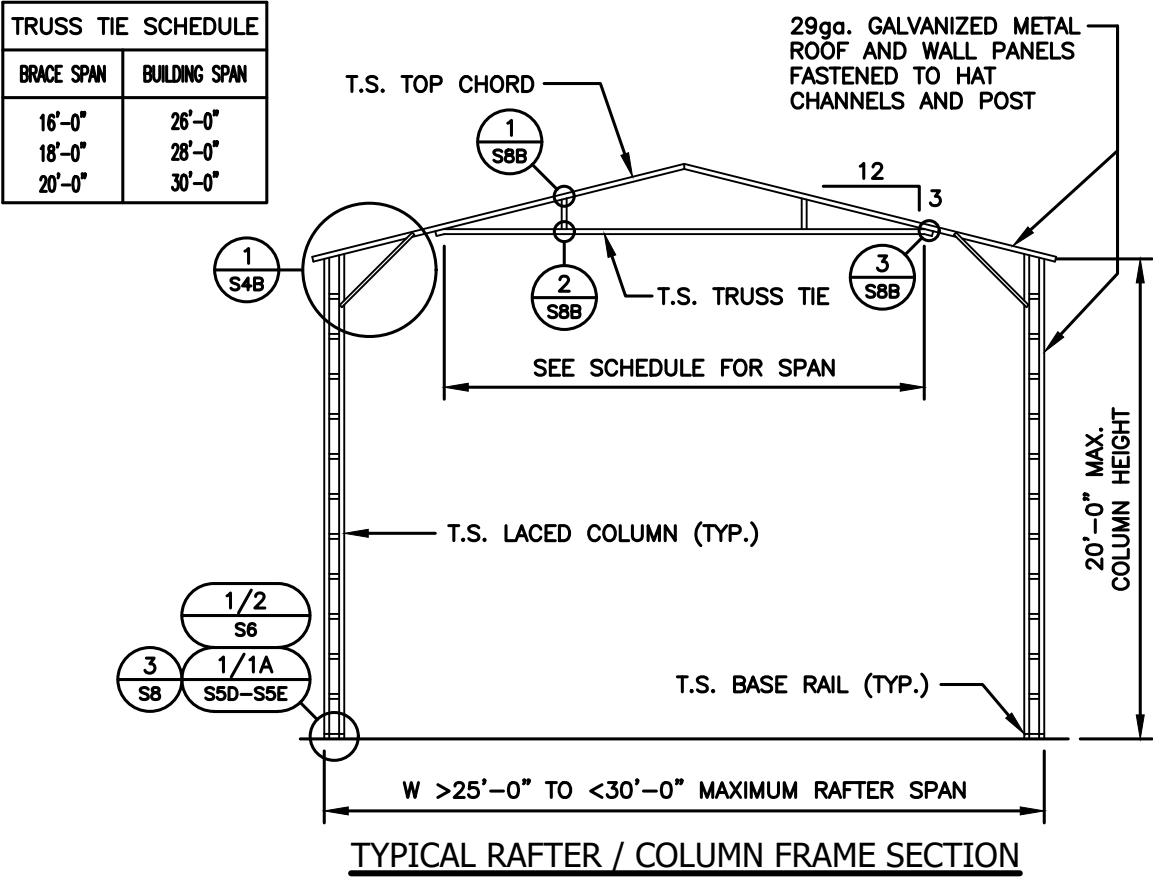
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04/03/24

Revisions:
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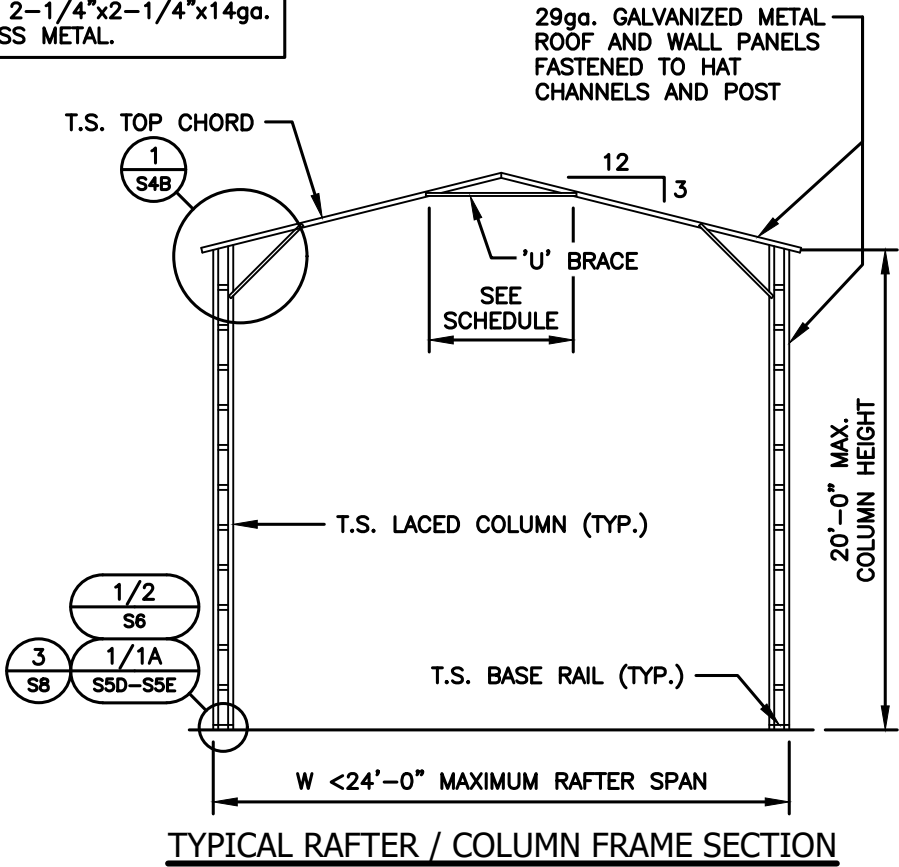
Project No.
24-507

Sheet No.
S2A

(<30' WIDE / <20' HIGH) BOX EVE RAFTER END WALL SECTIONS



NOTE:
H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga.
MATERIAL MAY BE USED FOR TRUSS METAL.



'U' BRACE SCHEDULE	
BRACE SPAN	BUILDING WIDTH
2'-0"	12'-18'
4'-0"	19'-20'
6'-0"	21'-24'

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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Sheet No.

S2B

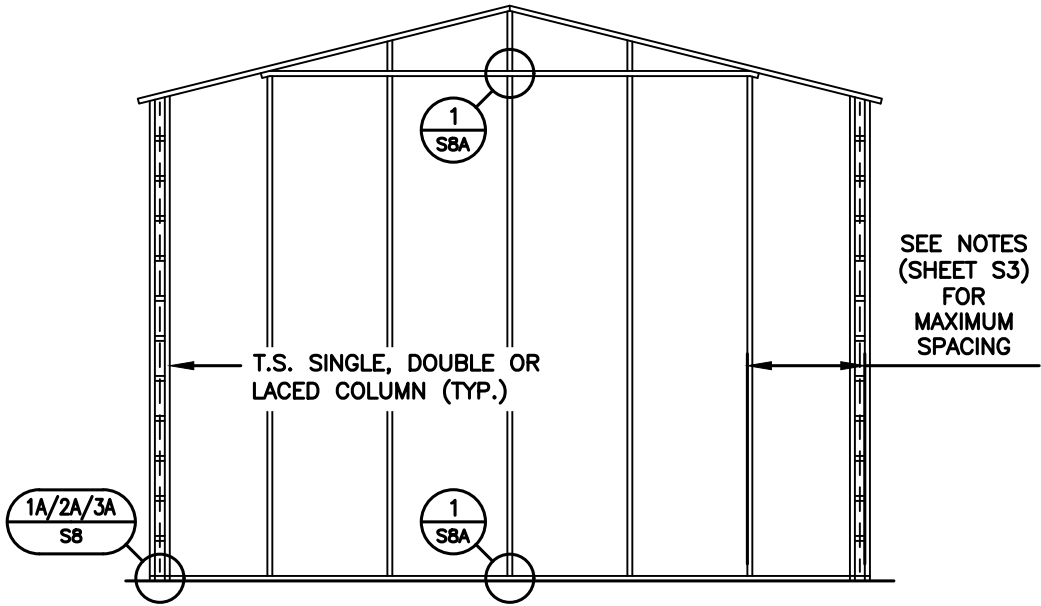
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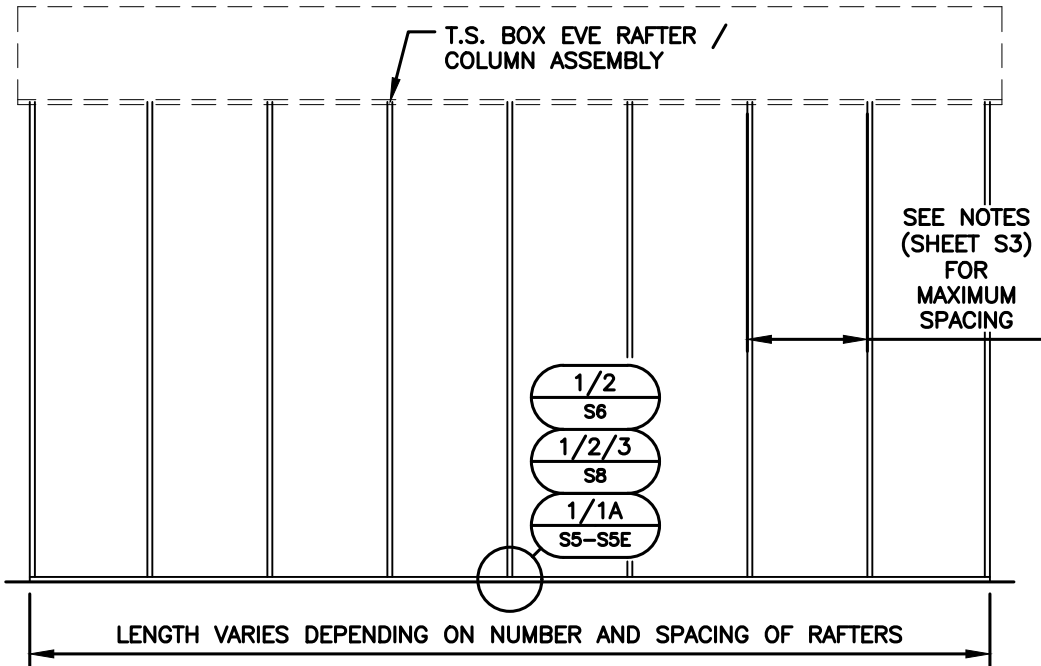
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TYPICAL SIDE / END FRAMING ELEVATIONS



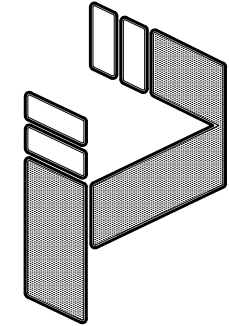
TYPICAL BOX EVE RAFTER / END WALL COLUMN FRAME SECTION

NOTE:
H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga.
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TYPICAL RAFTER / COLUMN SIDE FRAME SECTION

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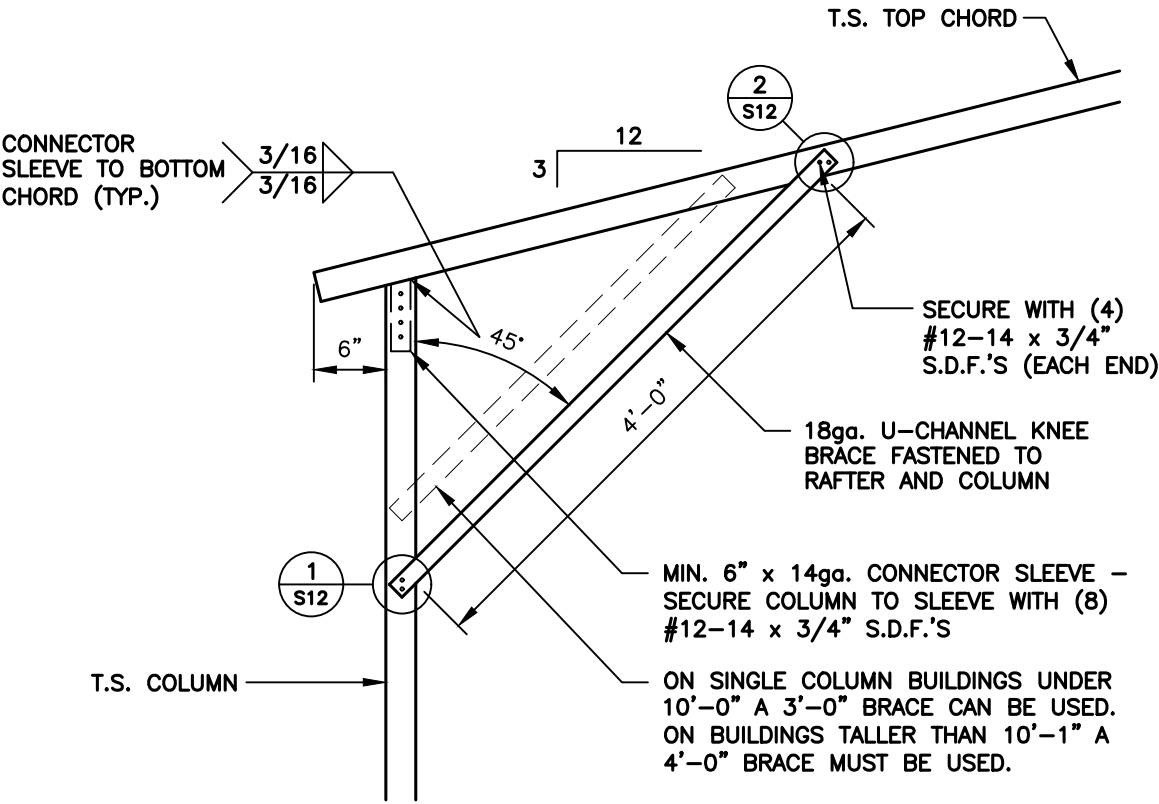
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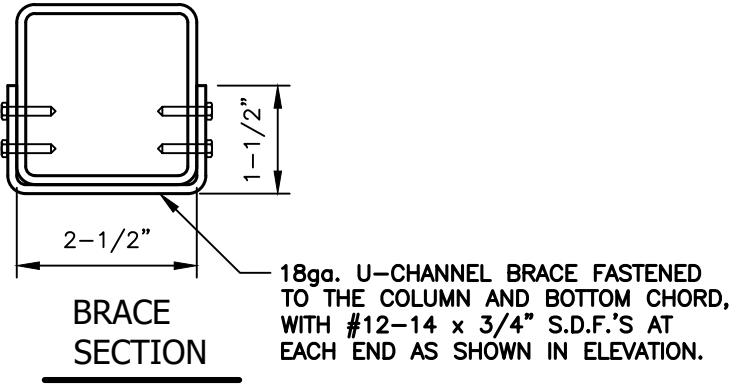
Project No.
24-507

Sheet No.
S3


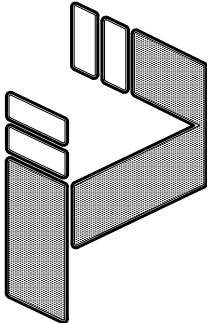
SINGLE COLUMN OPTION



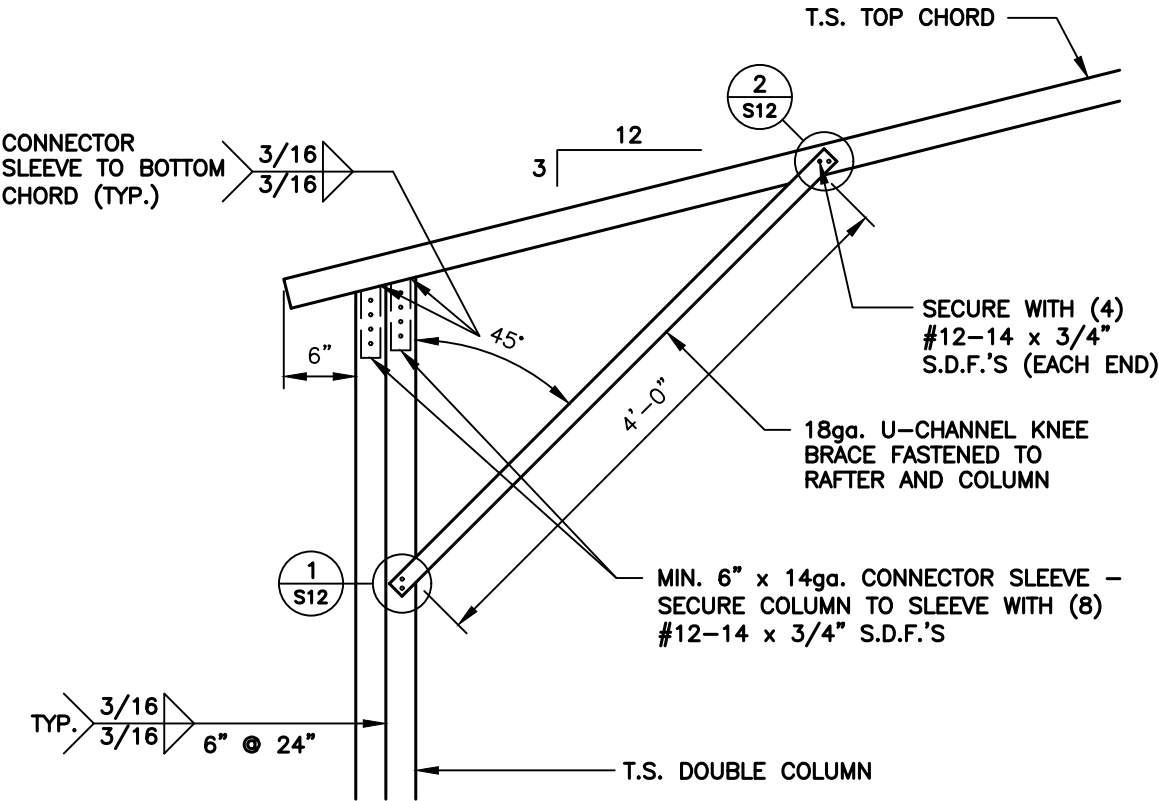
1 BOX EAVE / CORNER POST CONNECTION DETAIL
S4 FOR HEIGHTS <14'-0"
SCALE: 3/4" = 1'-0"



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	0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW	
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 TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW.TAYLORVIOLA.COM	Date: 04/03/24	Project No. 24-507
	Revisions: -	Sheet No. S4

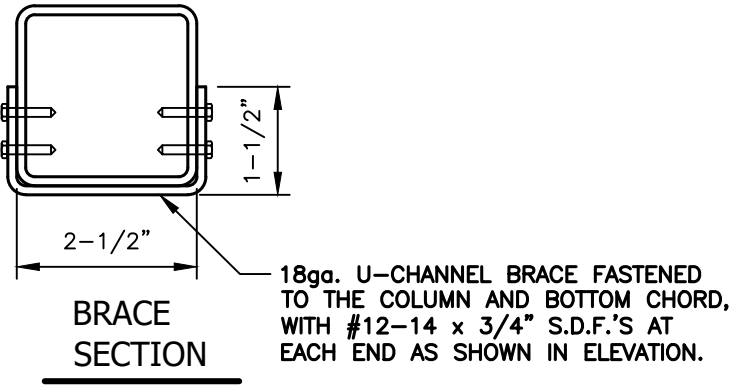
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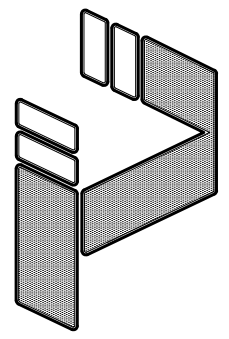
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S4A

BOX EAVE / CORNER POST CONNECTION DETAIL
FOR HEIGHTS >14'-1" TO <16'-0"

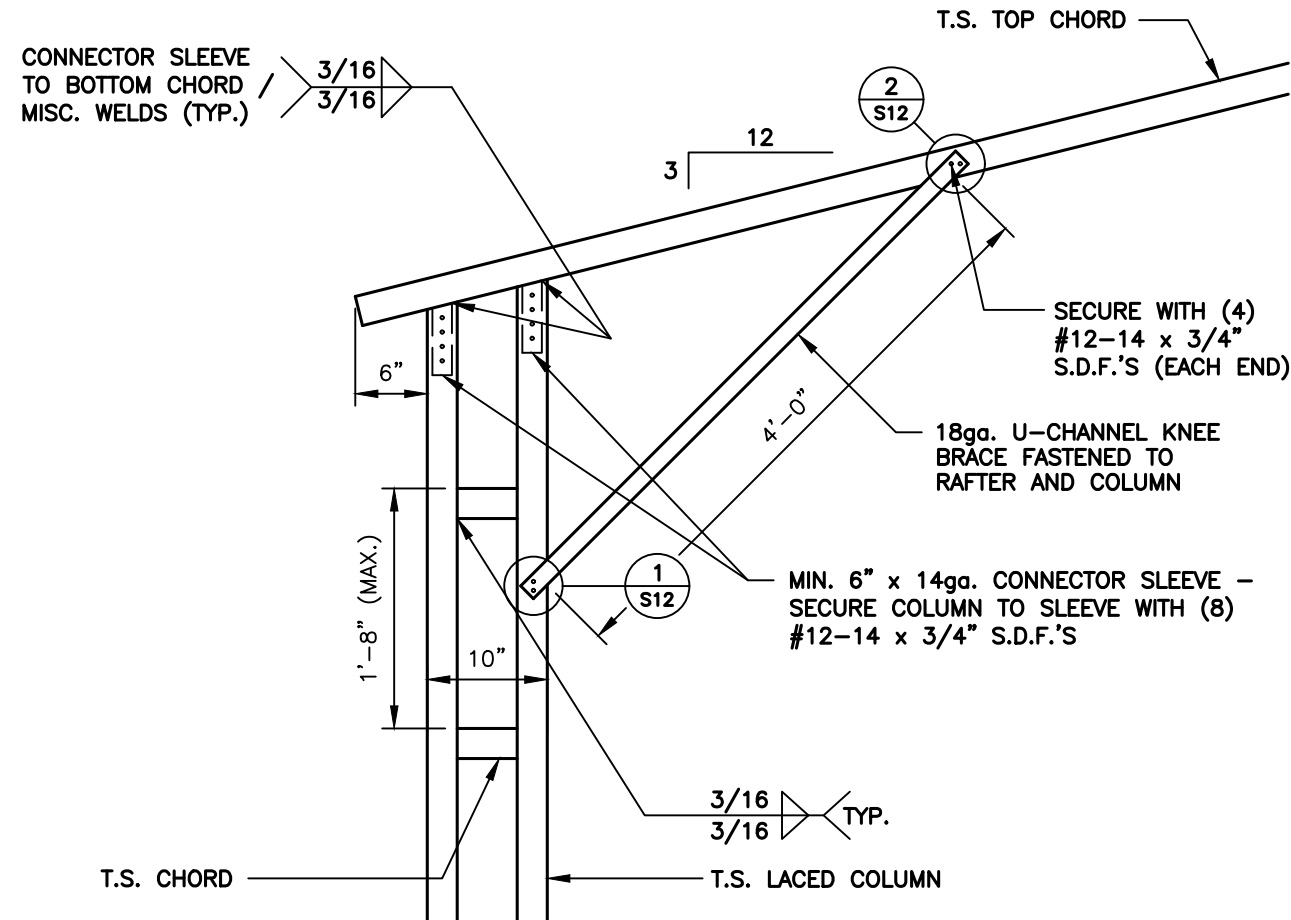
SCALE: 3/4" = 1'-0"



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0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW		Project No. 24-507	
		JCMT Associates, PLLC	
		Date: 04/03/24	Sheet No. S4A
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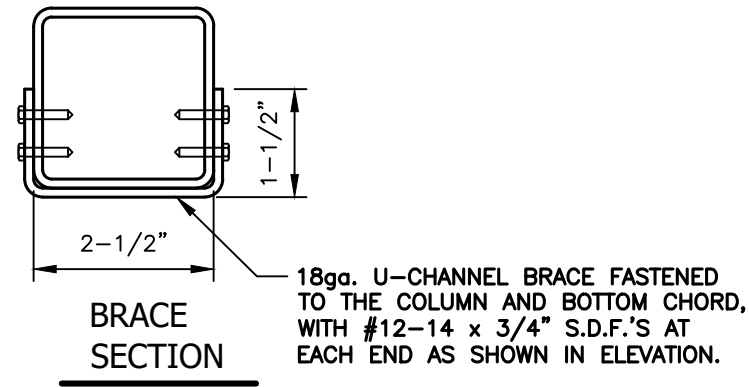
LACED COLUMN OPTION



1
S4B

BOX EAVE / CORNER POST CONNECTION DETAIL
FOR HEIGHTS <20'-0"

SCALE: 3/4" = 1'-0"



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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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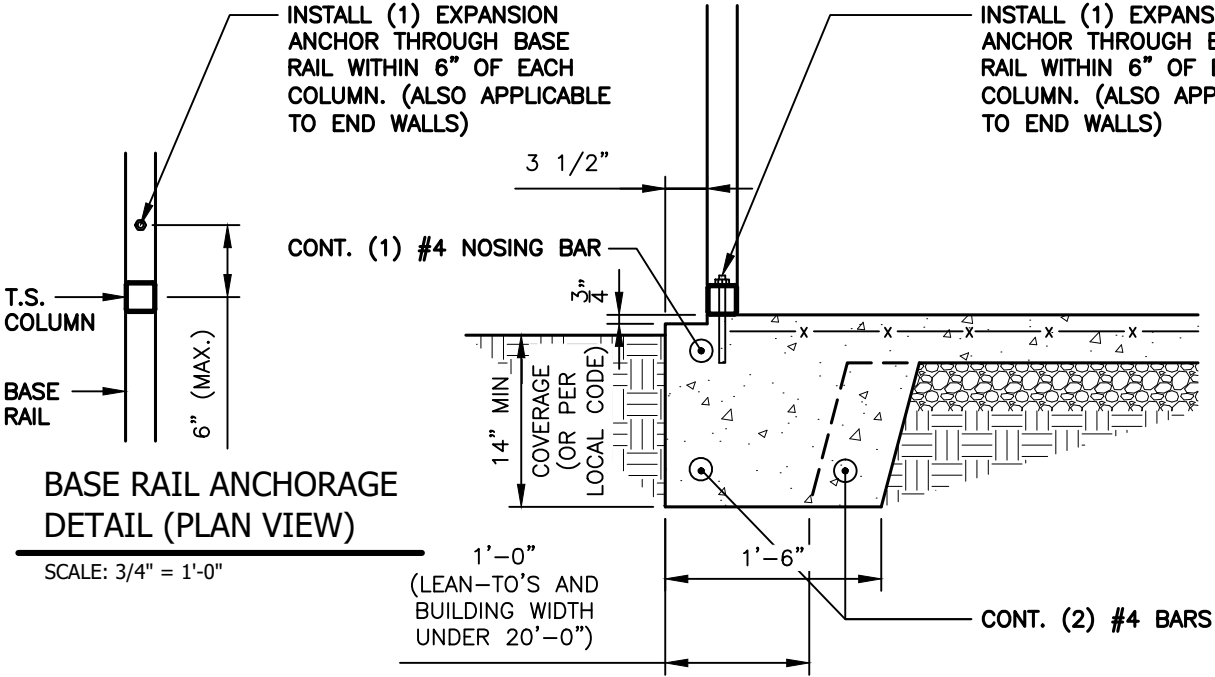
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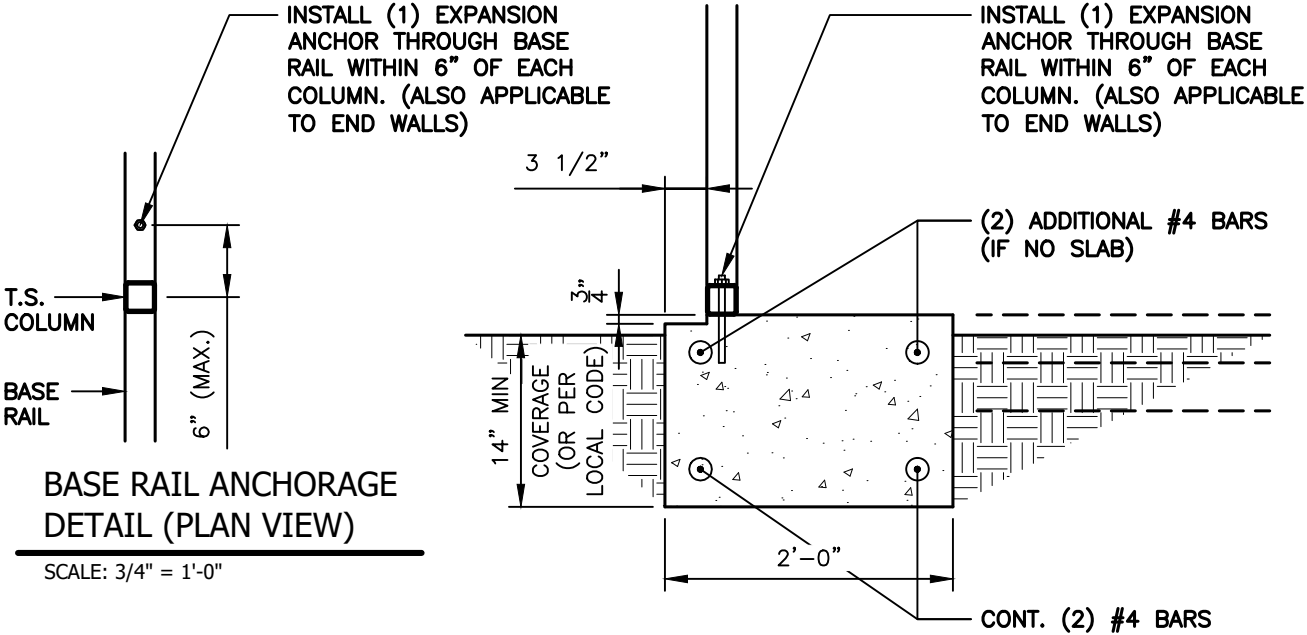
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24-507

Sheet No.
S4B

SINGLE COLUMN OPTIONS



1
S5 BASE RAIL ANCHORAGE DETAIL
SCALE: 3/4" = 1'-0"



1A
S5 BASE RAIL ANCHORAGE DETAIL (NO SLAB)
SCALE: 3/4" = 1'-0"

GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 P.S.F.

CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 P.S.I. 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 AND 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 IN 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.

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
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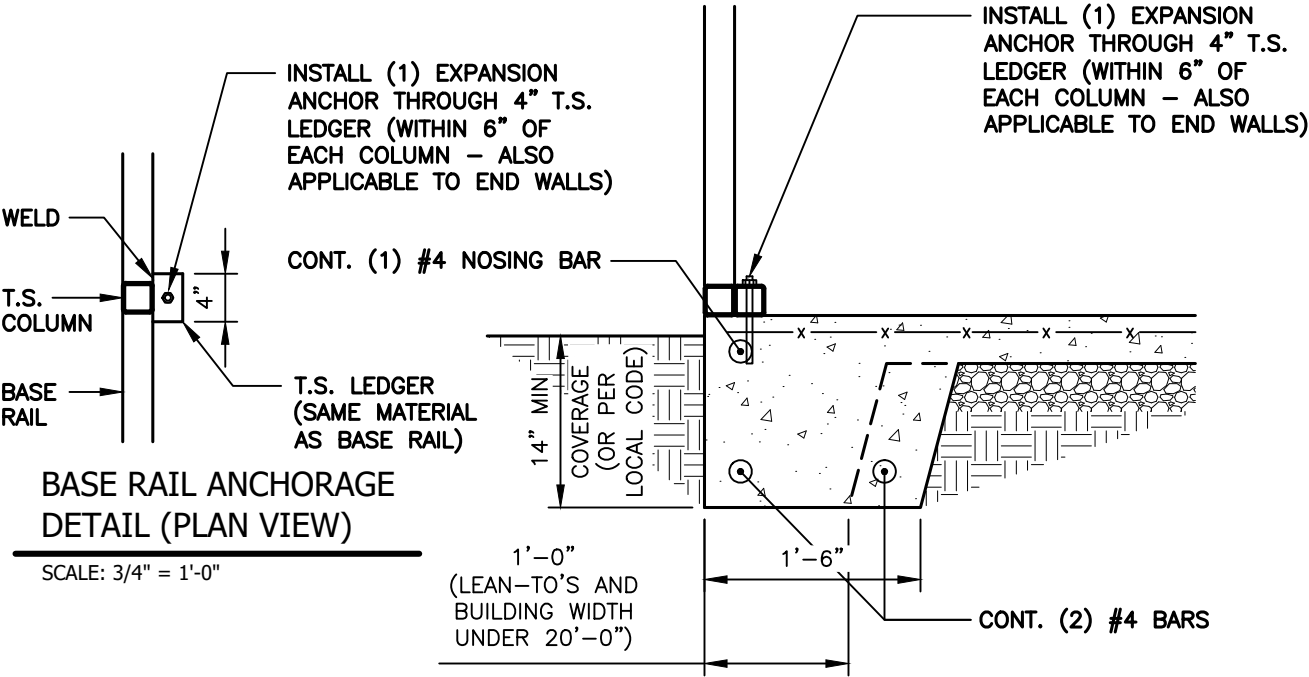
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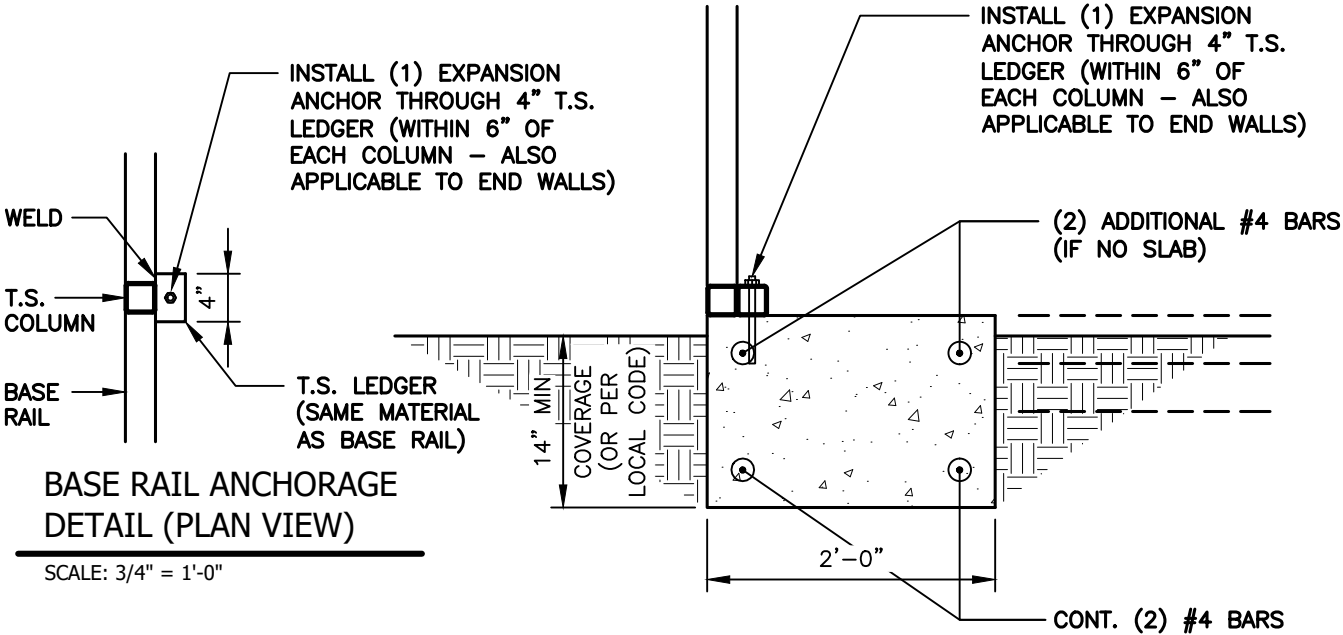
Project No.
24-507

Sheet No.
S5

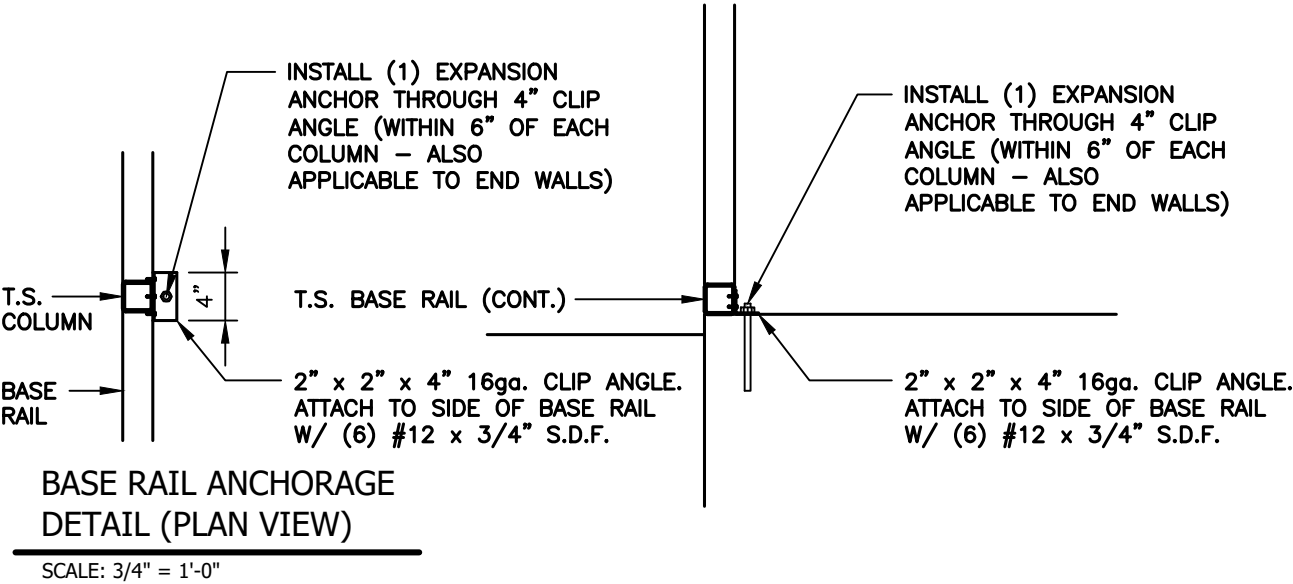
SINGLE COLUMN OPTIONS - NO SIDING LEDGE



1 BASE RAIL ANCHORAGE DETAIL
S5A SCALE: 3/4" = 1'-0"



1A BASE RAIL ANCHORAGE DETAIL (NO SLAB)
S5A SCALE: 3/4" = 1'-0"



2 (ALTERNATE) BASE RAIL ANCHORAGE DETAIL
S5A SCALE: 3/4" = 1'-0"

GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 P.S.F.

CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 P.S.I. 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 AND 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.

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20'-0" EAVE HEIGHT
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35 P.S.F. SNOW



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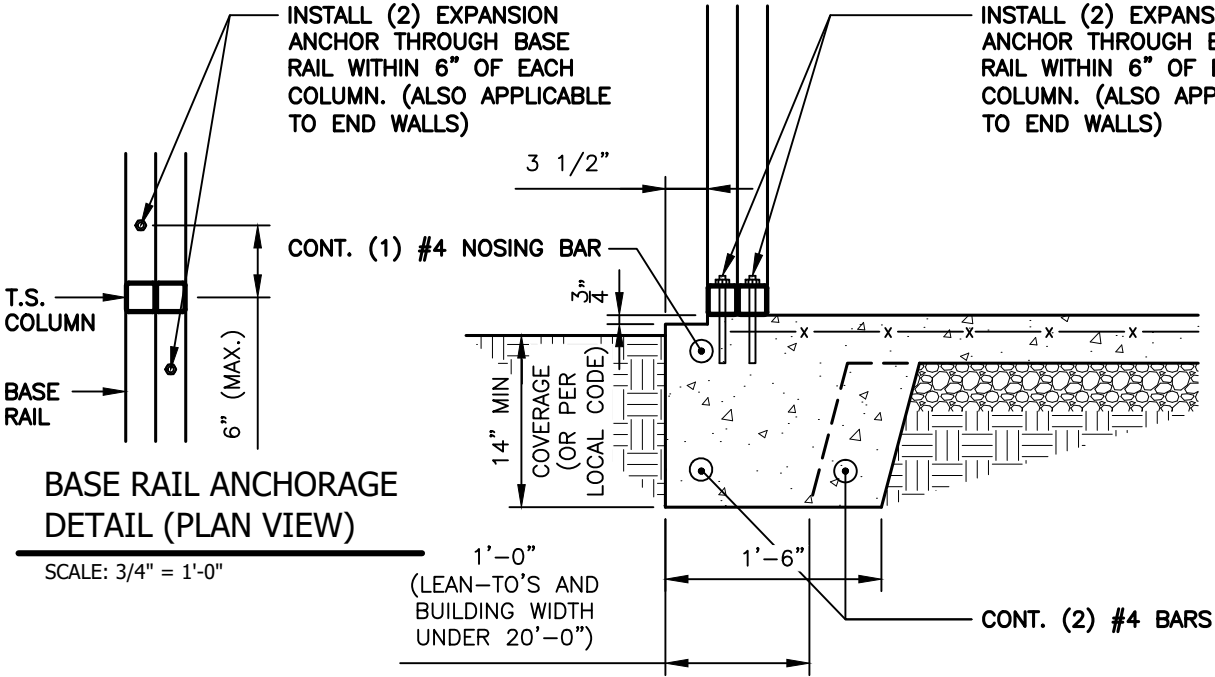
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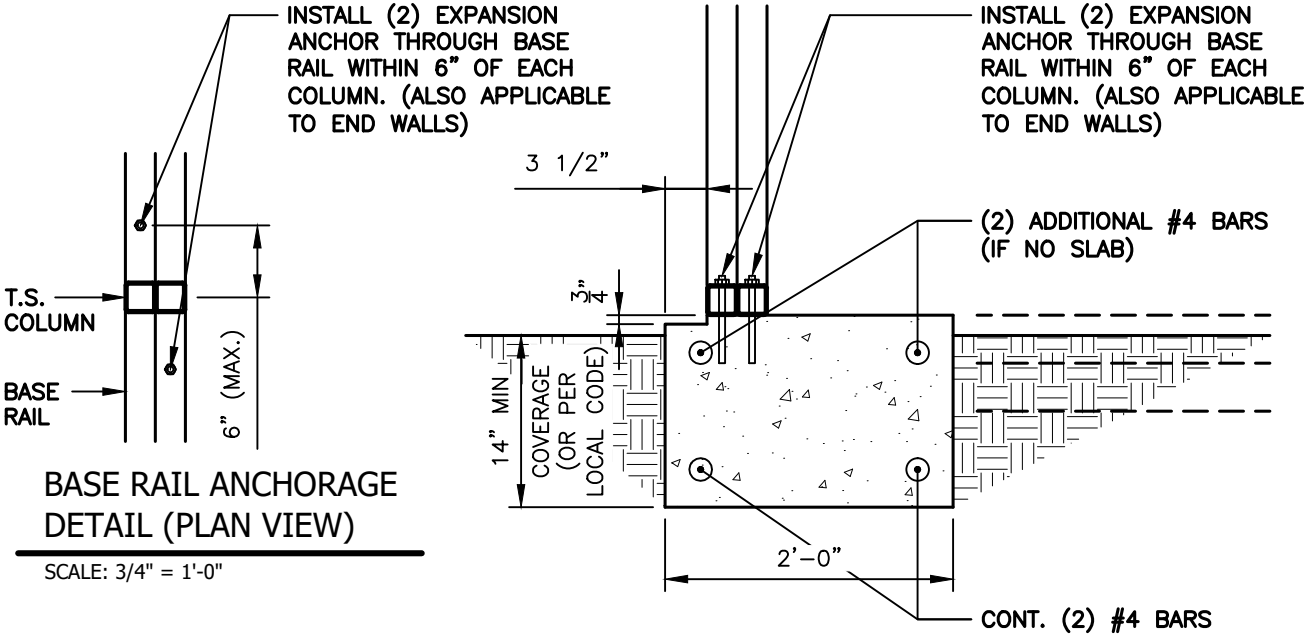
Project No.
24-507

Sheet No.
S5A

DOUBLE COLUMN OPTIONS



1 BASE RAIL ANCHORAGE DETAIL
S5B SCALE: 3/4" = 1'-0"



1A BASE RAIL ANCHORAGE DETAIL (NO SLAB)
S5B SCALE: 3/4" = 1'-0"

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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.

NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDAR YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.



0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW



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STRUCTURAL ENGINEERS
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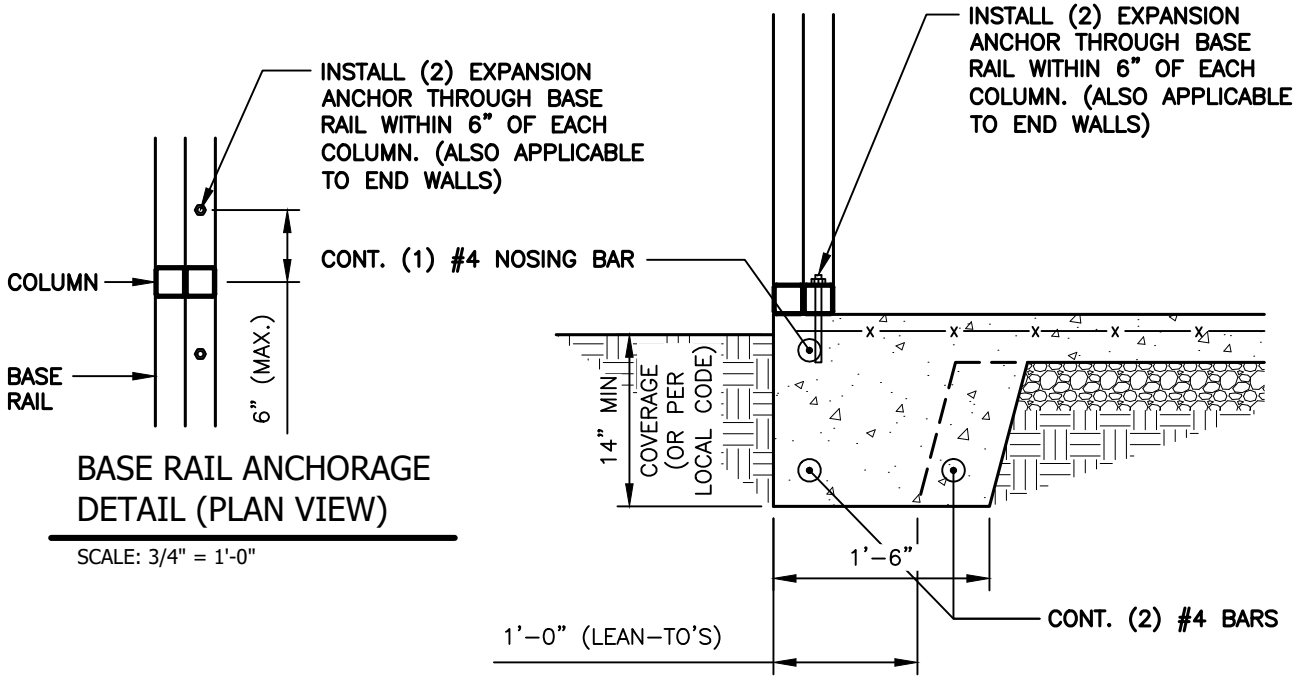
JCMT Associates, PLLC

211 Stone Drive, Pilot Mountain, NC 27041
Telephone: (336) 399-6277

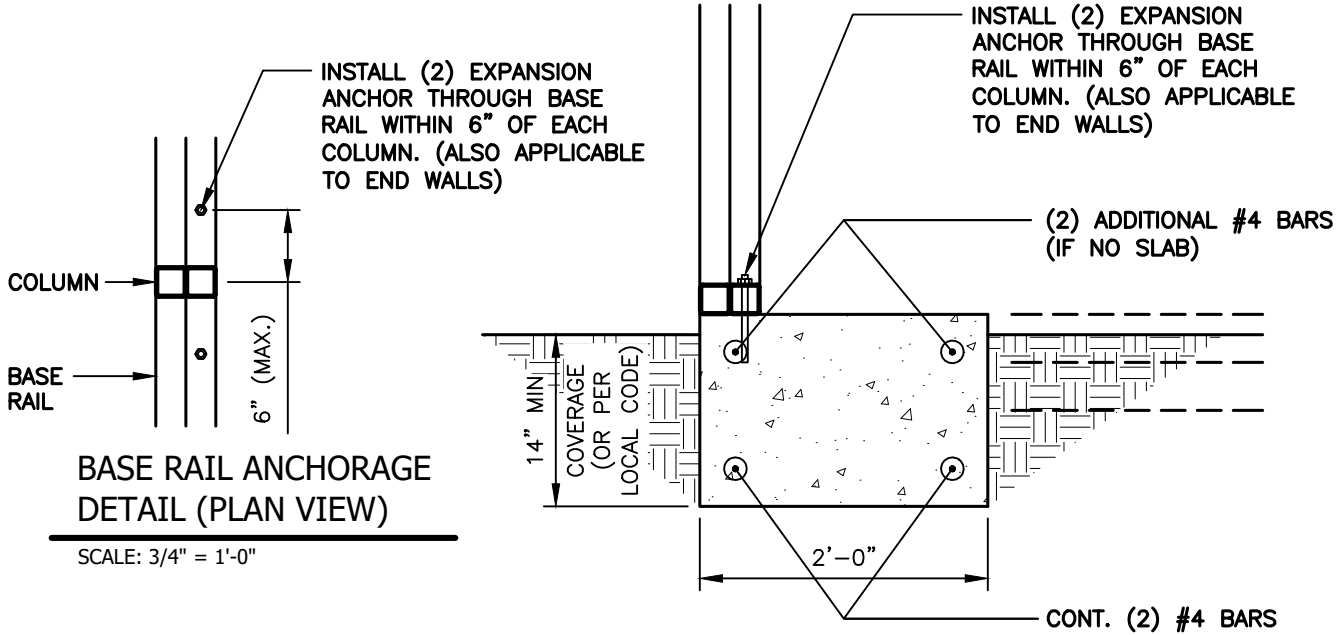
Date: 04/03/24
Revisions:

Project No. 24-507
Sheet No. S5B

DOUBLE COLUMN OPTIONS - NO SIDING LEDGE



1 BASE RAIL ANCHORAGE DETAIL
S5C SCALE: 3/4" = 1'-0"



1A BASE RAIL ANCHORAGE DETAIL (NO SLAB)
S5C SCALE: 3/4" = 1'-0"

GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 P.S.F.

CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 P.S.I. 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 AND 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 IN THE FIELD PROVIDED:

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW



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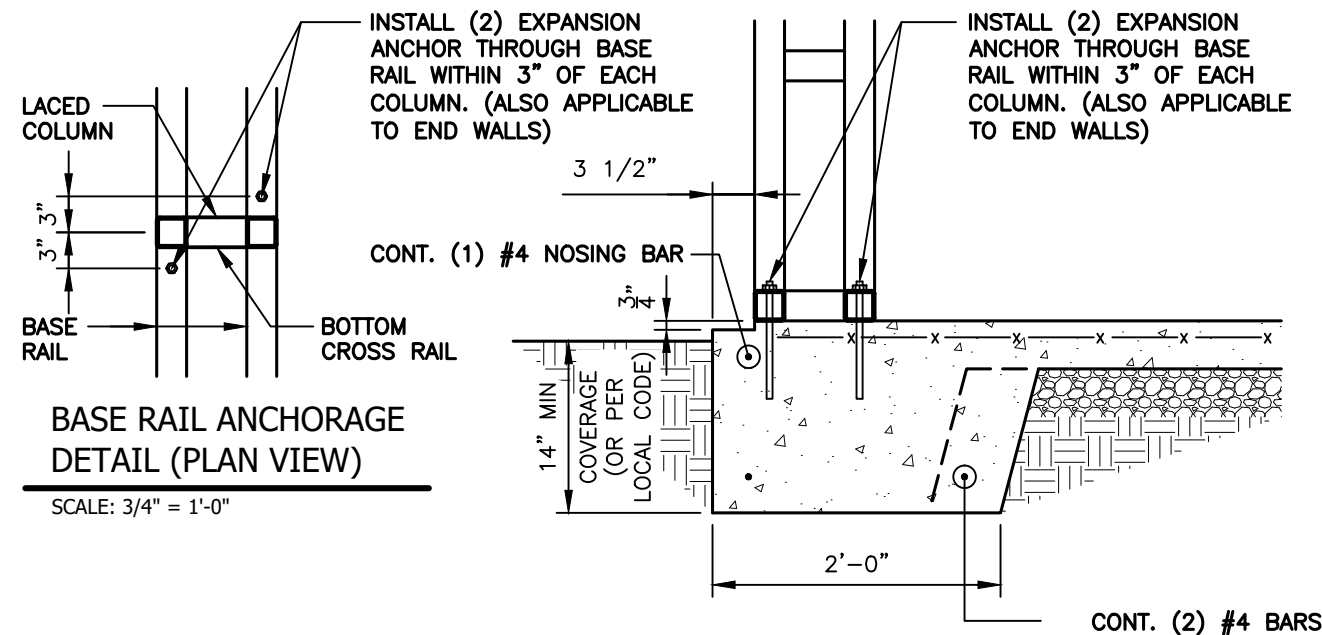
Date:
04/03/24
Revisions:

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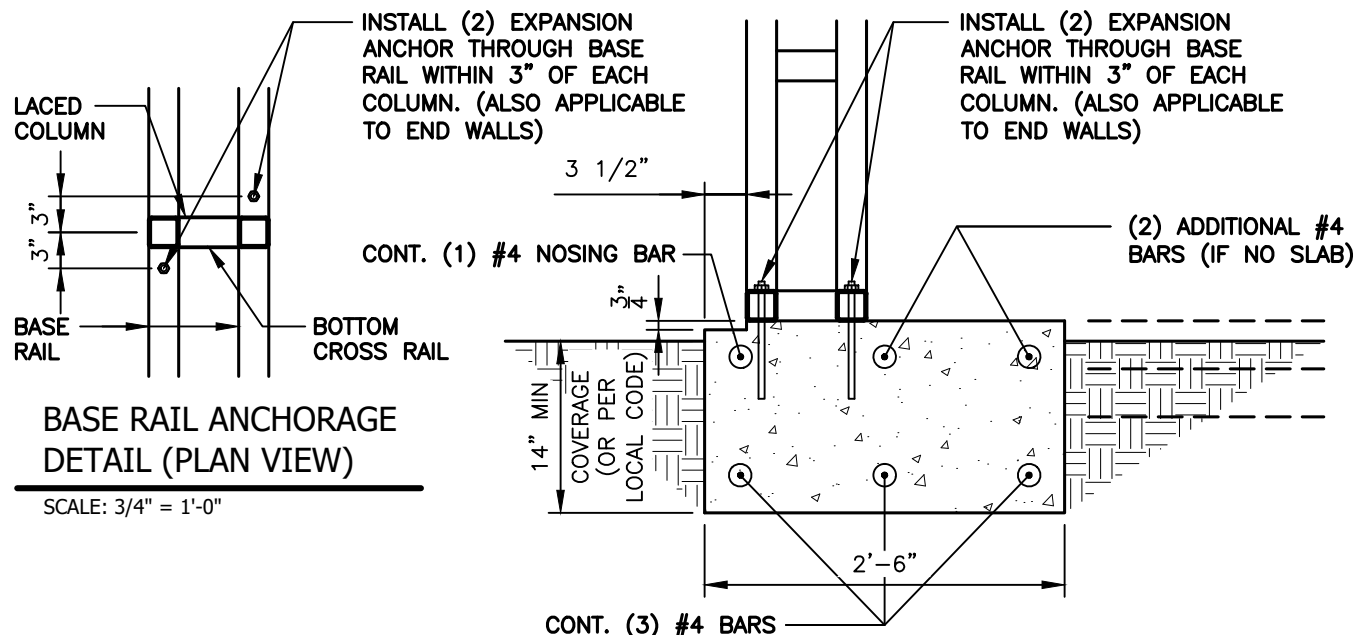
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Telephone: (336) 399-6277

Project No.
24-507
Sheet No.
S5C

LACED COLUMN OPTIONS



1 BASE RAIL ANCHORAGE DETAIL
S5D SCALE: 3/4" = 1'-0"



1A BASE RAIL ANCHORAGE DETAIL (NO SLAB)
S5D SCALE: 3/4" = 1'-0"

GENERAL NOTES:

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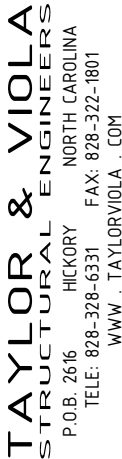
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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW



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Date:
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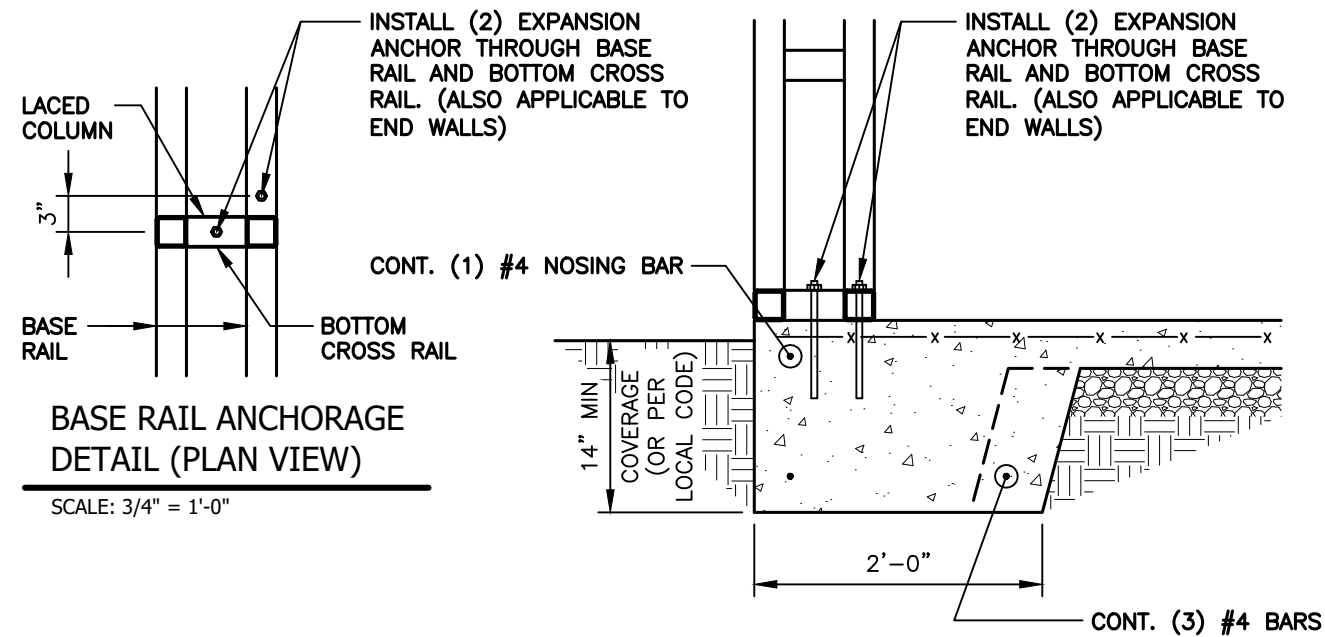
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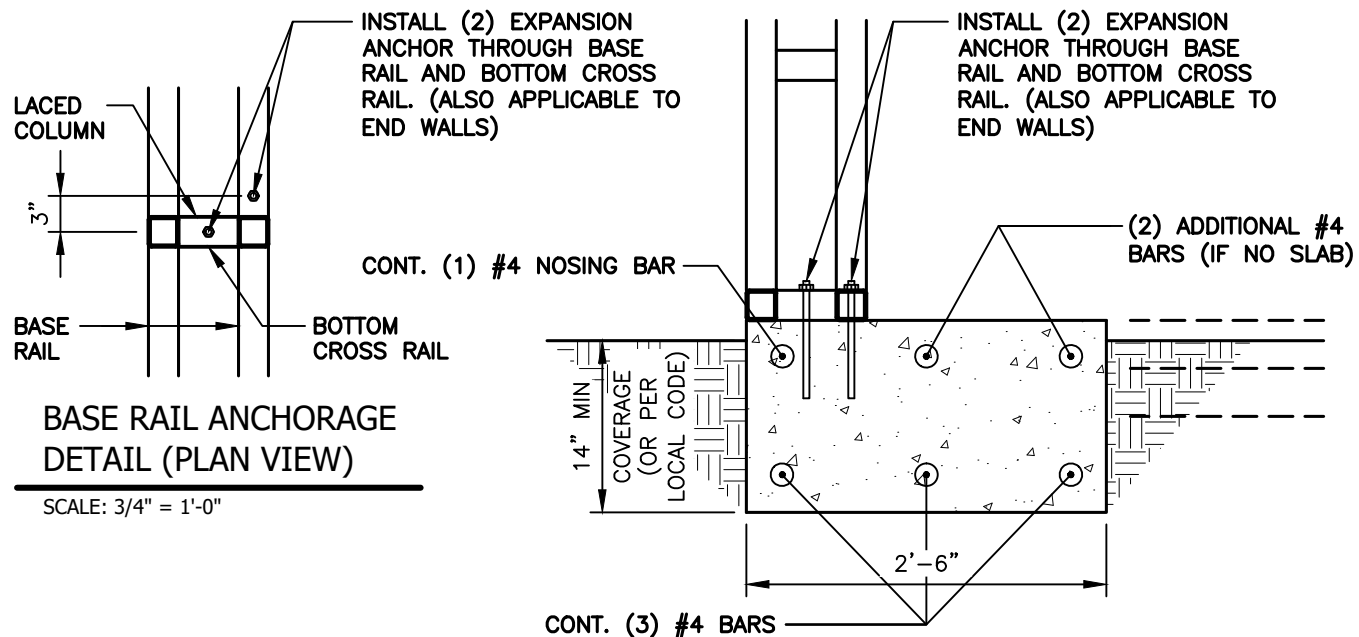
Project No.
24-507

Sheet No.
S5D

LACED COLUMN OPTIONS (NO SIDING LEDGE)



1
S5E
BASE RAIL ANCHORAGE DETAIL
SCALE: 3/4" = 1'-0"



1A
S5E
BASE RAIL ANCHORAGE DETAIL (NO SLAB)
SCALE: 3/4" = 1'-0"

GENERAL NOTES:

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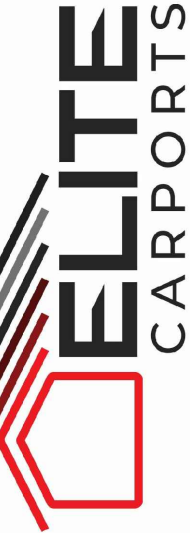
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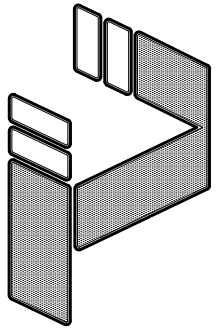
NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDAR YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.



0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

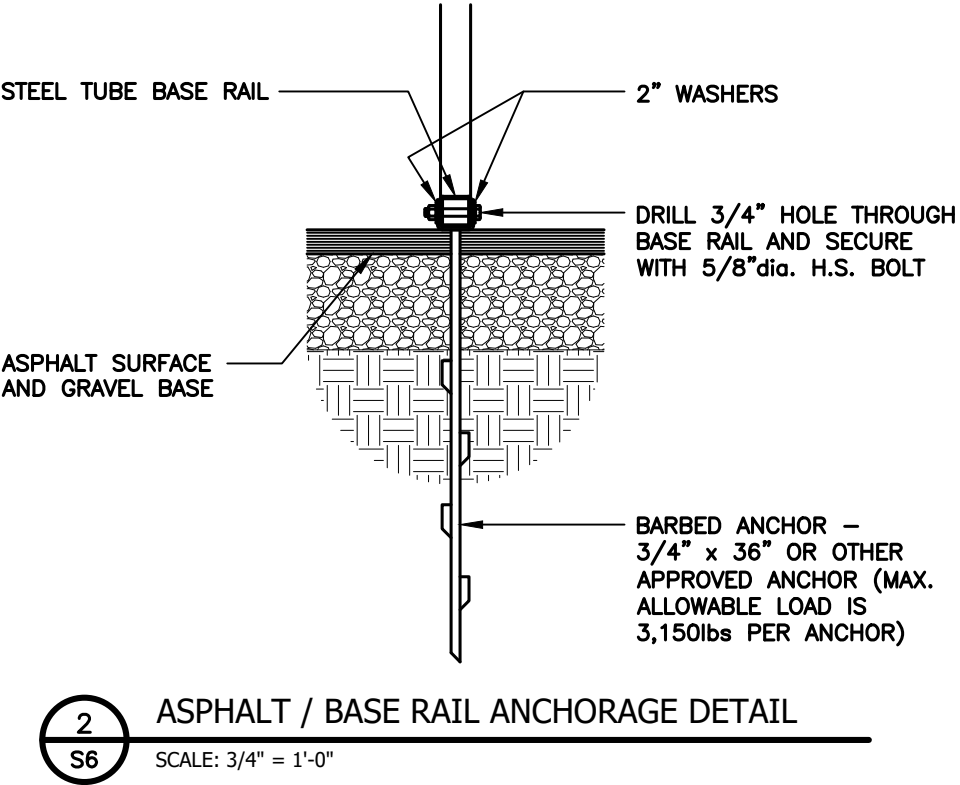
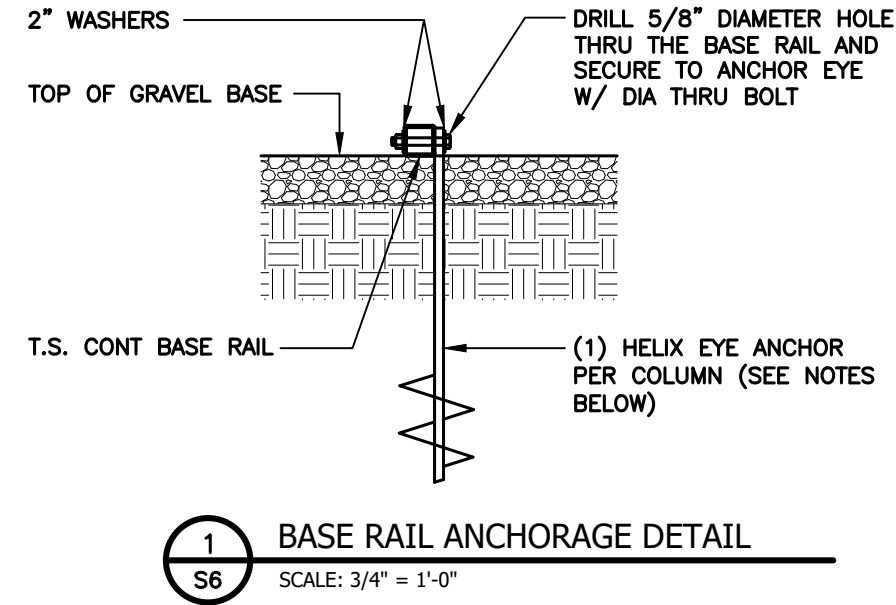
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Date:
04/03/24
Revisions:
-



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ALTERNATE ANCHORAGE OPTIONS



HELIX EMBEDMENT INFORMATION:

FOR VERY DENSE OR CEMETED SANDS, COARSE GRAVEL, COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MIN. (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT – ONE EACH END BASE RAIL AND 25'-0"oc MAX. WITH #4 REBAR AT 5'-0"oc BETWEEN.

FOR CORAL, USE MIN (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT – ONE EACH END BASE RAIL AND 25'-0"oc MAX. WITH #4 REBAR AT 5'-0"oc BETWEEN.

FOR MED DENSE COARSE SANDS, SANDY GRAVEL, VERY STIFF SILTS, AND CLAYS, USE MIN (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT – ONE EACH END BASE RAIL AND 25'-0"oc MAX. WITH #4 REBAR AT 5'-0"oc BETWEEN.

FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, USE MIN (2) 6" HELICES WITH MINIMUM 50" EMBEDMENT – ONE EACH END BASE RAIL AND 25'-0"oc MAX. WITH #4 REBAR AT 5'-0"oc BETWEEN.

FOR VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS AND ALLUVIAL FILL, USE MIN (2) 8" HELICES WITH MINIMUM 60" EMBEDMENT – ONE EACH END BASE RAIL AND 25'-0"oc MAX. WITH #4 REBAR AT 5'-0"oc BETWEEN.

NOTE:
IN ALL CASES, IF FROST DEPTH EXCEEDS STATED DEPTH,
ANCHOR SHOULD EXTEND A MIN. OF 12" BELOW FROST LINE.

NOTE:
IN ALL CASES, IF FROST DEPTH EXCEEDS STATED DEPTH,
ANCHOR SHOULD EXTEND A MIN. OF 12" BELOW FROST LINE.

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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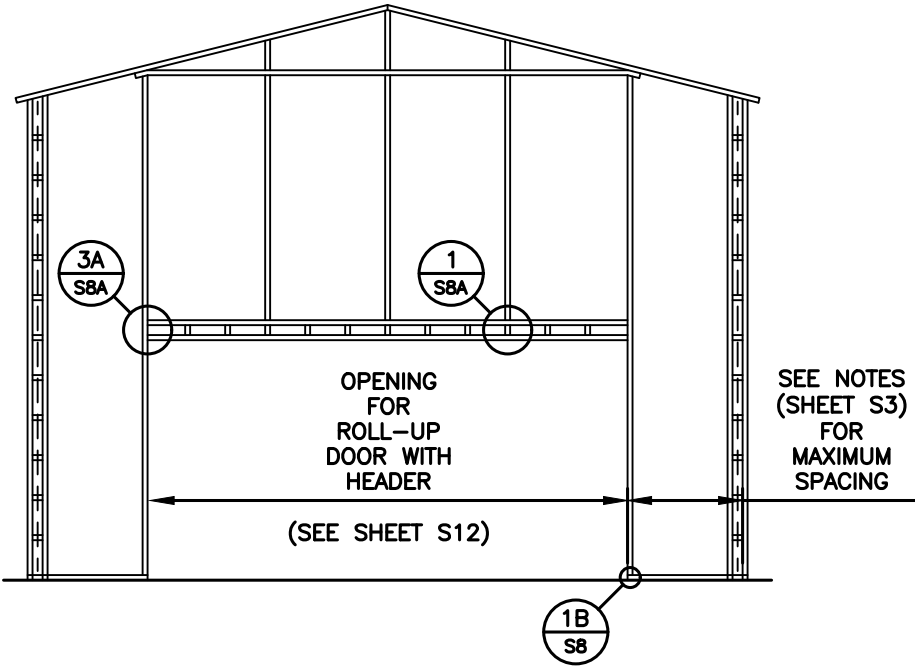
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Project No.
24-507

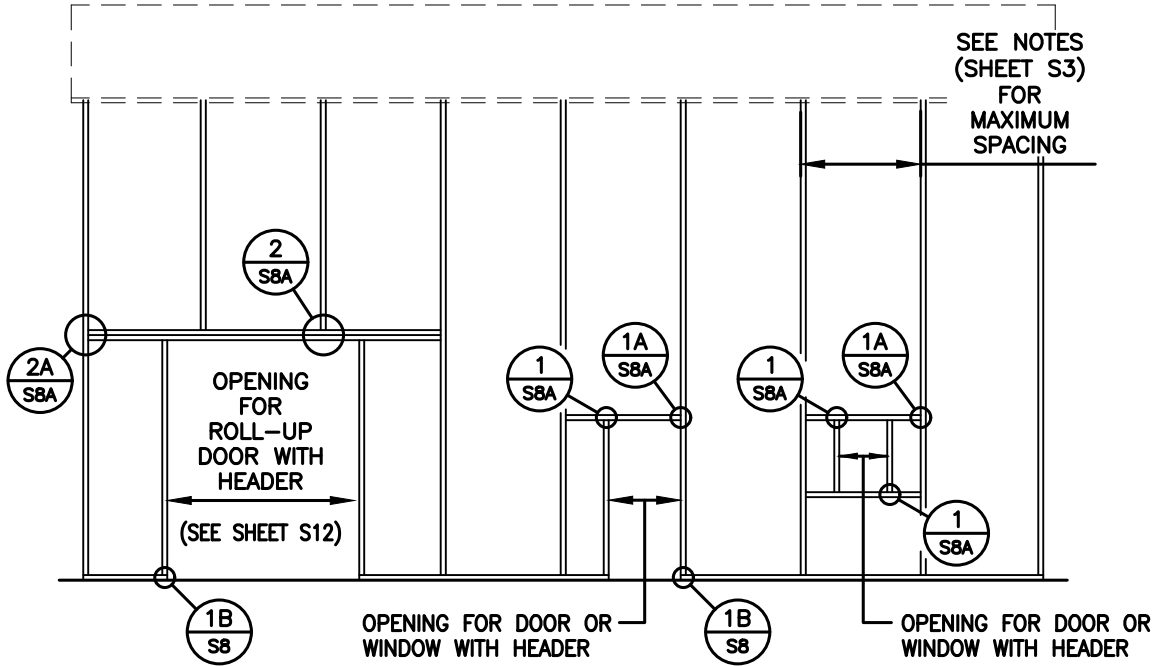
Sheet No.
S6

TYPICAL SIDE / END WALL OPENING FRAMING SECTIONS

NOTE:
ROLL UP DOORS SHALL HAVE ONE JAMB
EACH SIDE + ONE FRAME COLUMN BETWEEN
OR SITE SPECIFIC SHALL BE REQ'D.

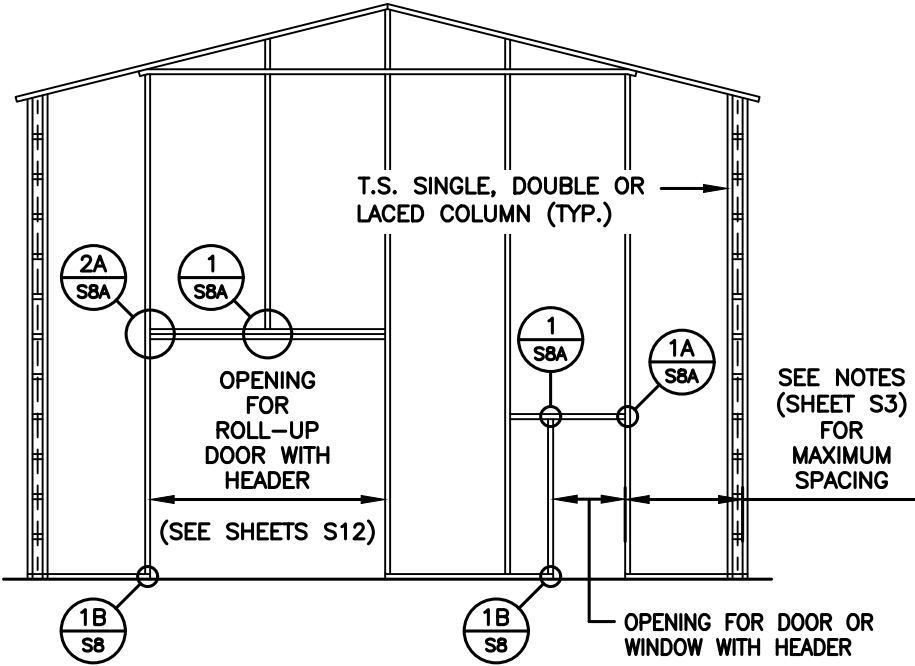


TYPICAL END WALL FRAMING SECTION

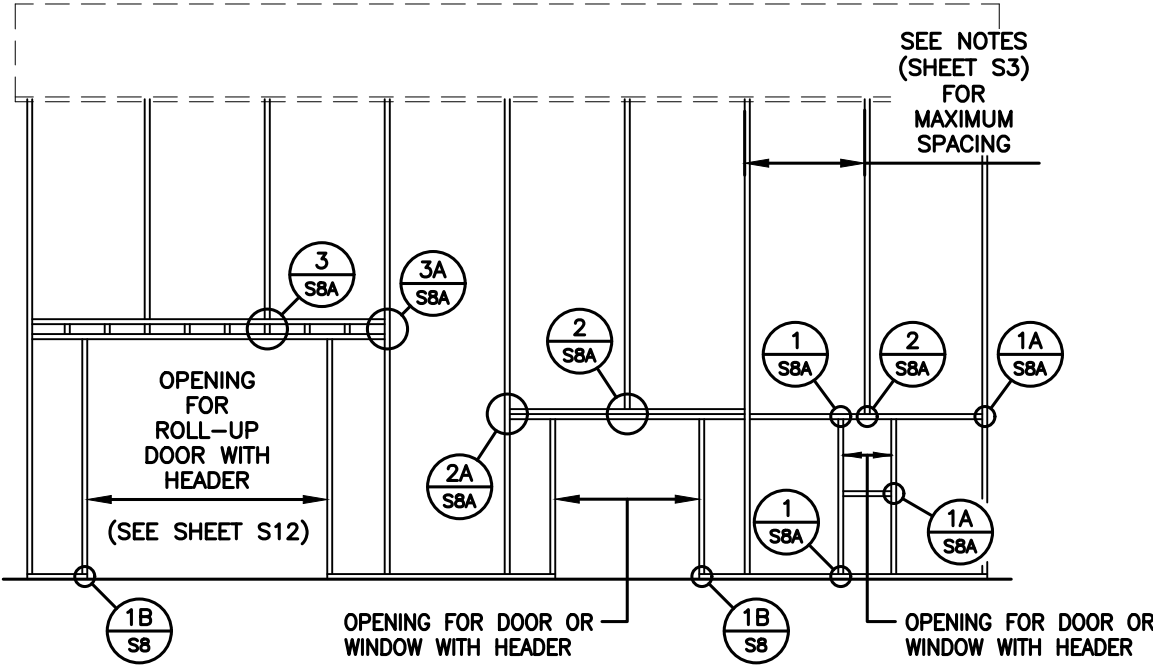


TYPICAL SIDE WALL OPENING FRAMING SECTION

NOTE:
ROLL UP DOORS SHALL HAVE ONE JAMB
EACH SIDE + ONE FRAME COLUMN BETWEEN
OR SITE SPECIFIC SHALL BE REQ'D.



TYPICAL END WALL FRAMING SECTION



TYPICAL SIDE WALL OPENING FRAMING SECTION

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

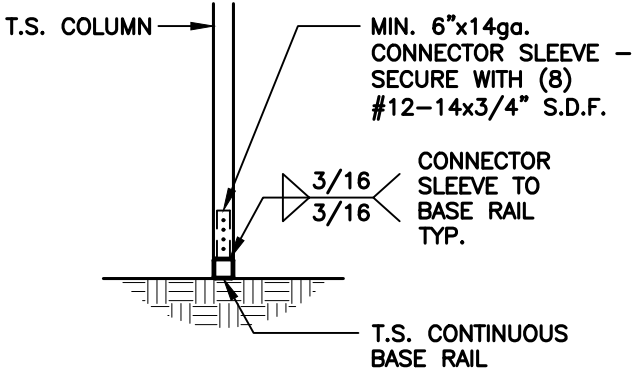
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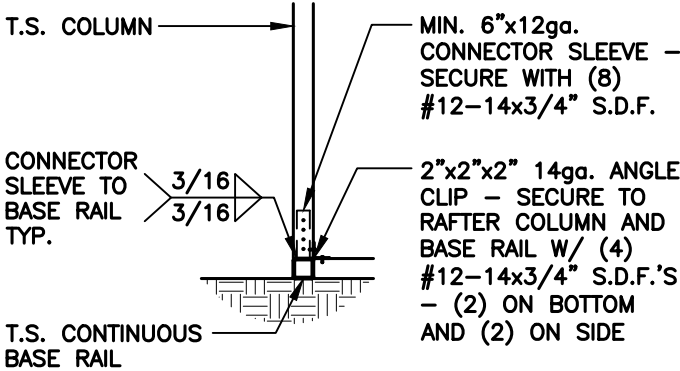
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Project No.
24-507
Sheet No.
S7

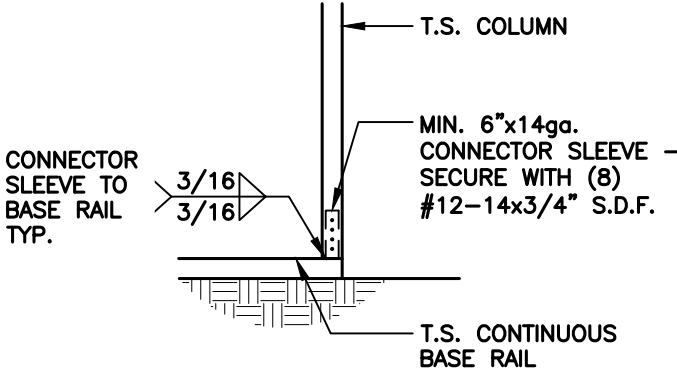
BASE RAIL CONNECTION DETAILS



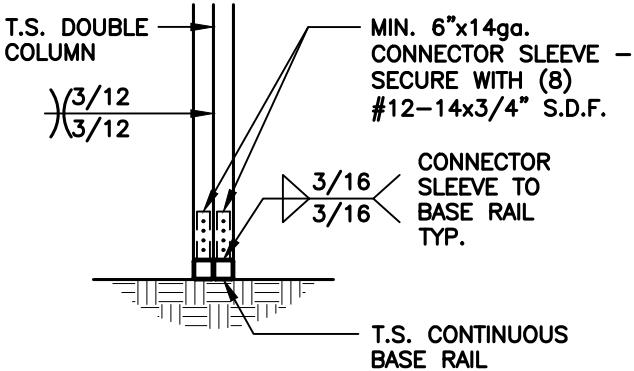
1
S8
COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



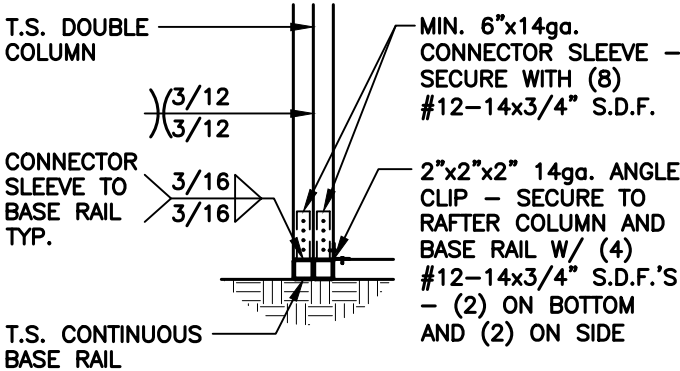
1A
S8
END COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



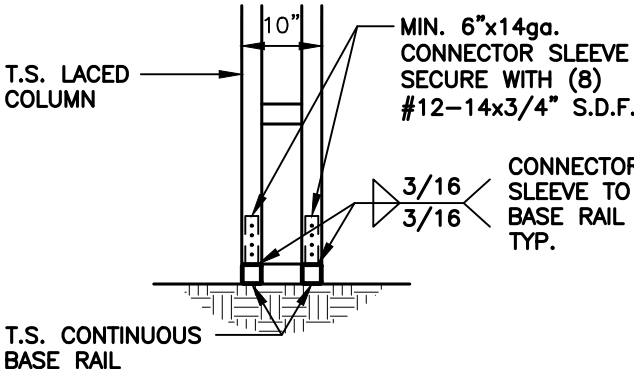
1B
S8
COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



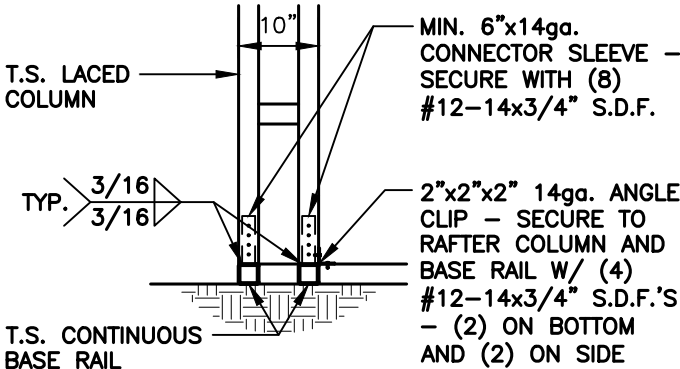
2
S8
COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



2A
S8
END COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"

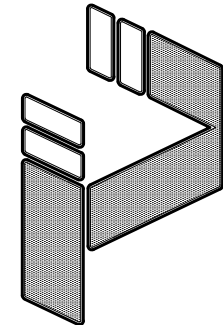


3
S8
COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



3A
S8
END COLUMN / BASE RAIL
CONNECTION DETAIL
SCALE: 1/2" = 1'-0"

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JCMT Associates, PLLC

Date:
04/03/24
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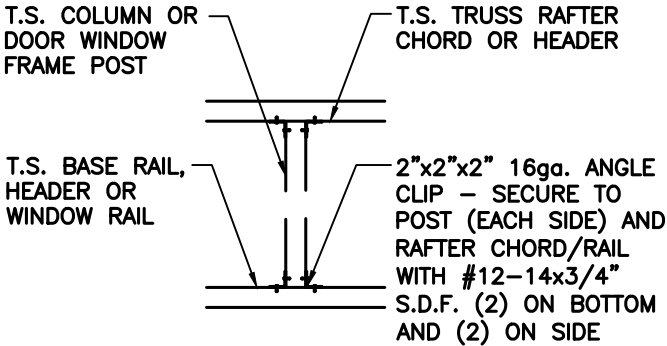
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Project No.
24-507
Sheet No.
S8

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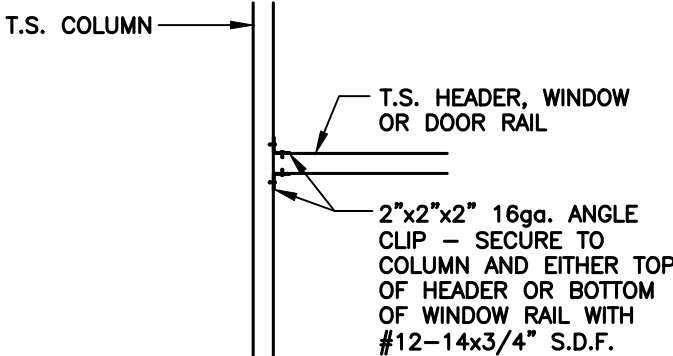
0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

CONNECTION DETAILS



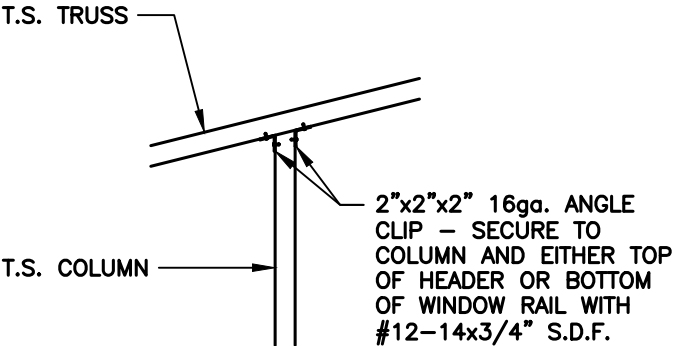
1
S8A POST TO TRUSS / HEADER
CONNECTION DETAIL

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



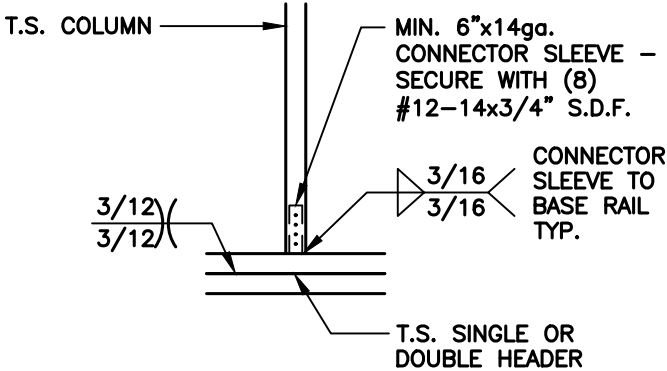
1A
S8A HEADER RAIL TO POST
CONNECTION DETAIL

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



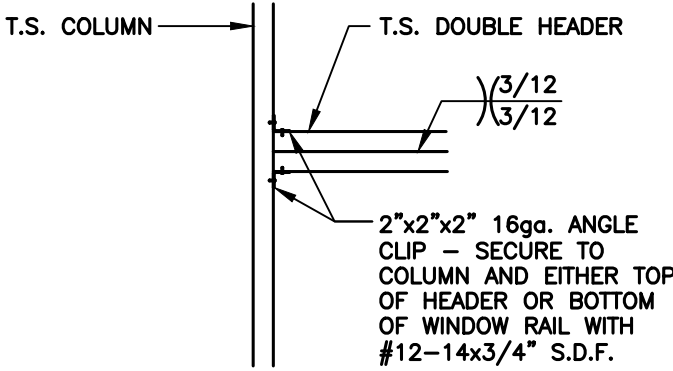
1B
S8A POST TO TRUSS
CONNECTION DETAIL

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



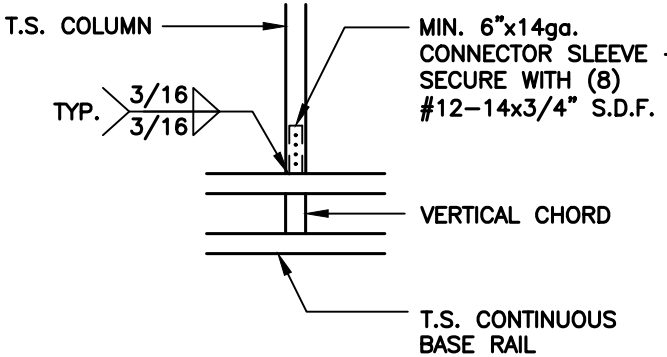
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S8A POST TO DOUBLE HEADER
CONNECTION DETAIL

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



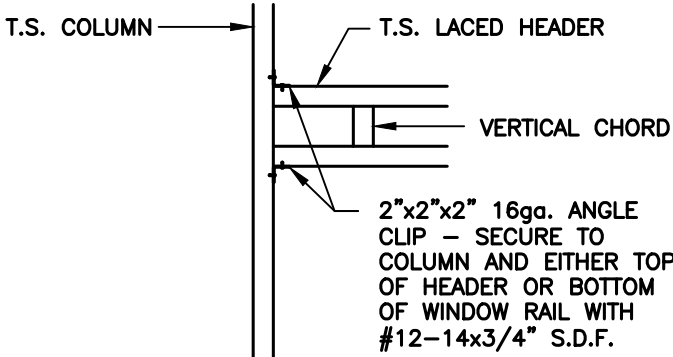
2A
S8A DOUBLE HEADER TO POST
CONNECTION DETAIL

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



3
S8A POST TO LACED HEADER
CONNECTION DETAIL

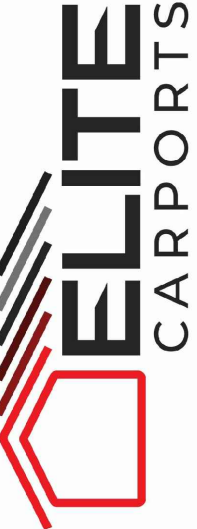
SCALE: 1/2" = 1'-0"



3A
S8A LACED HEADER TO POST
CONNECTION DETAIL

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

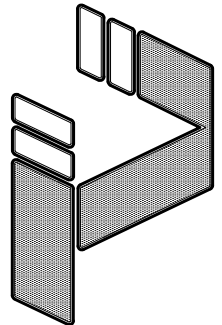
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20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

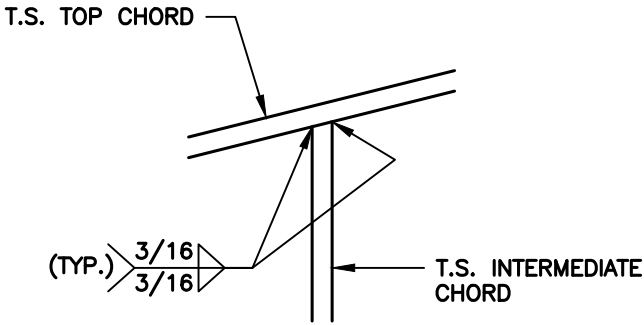
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24-507
Sheet No.
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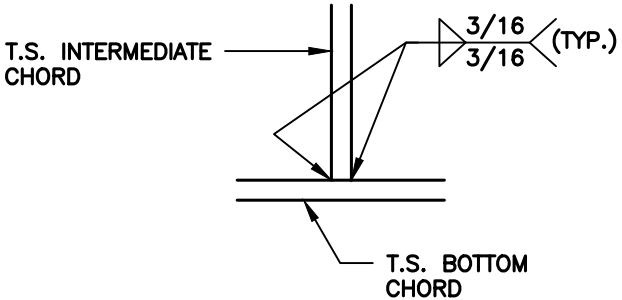
TRUSS CONNECTION DETAILS



1
S8B

INTERMEDIATE CHORD / TOP CHORD CONNECTION DETAIL

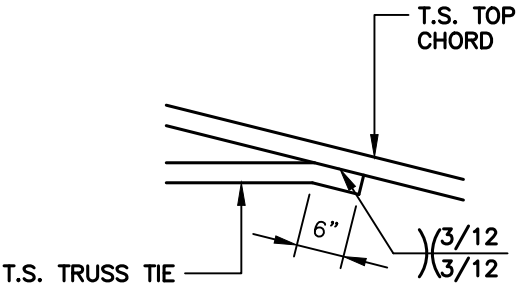
SCALE: 1/2" = 1'-0"



2
S8B

INTERMEDIATE CHORD / BOTTOM CHORD CONNECTION DETAIL

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

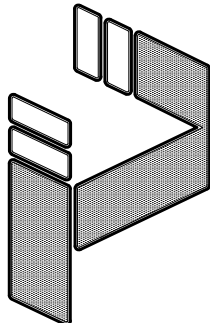



3
S8B

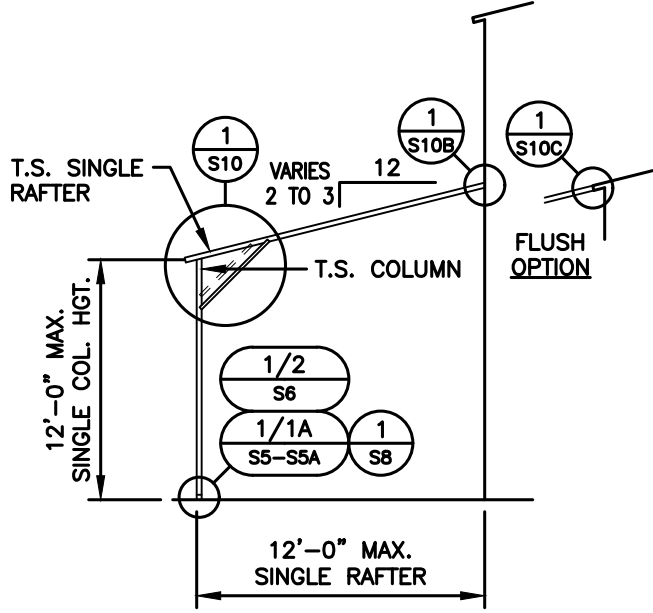
TRUSS TIE / TOP CHORD CONNECTION DETAIL

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

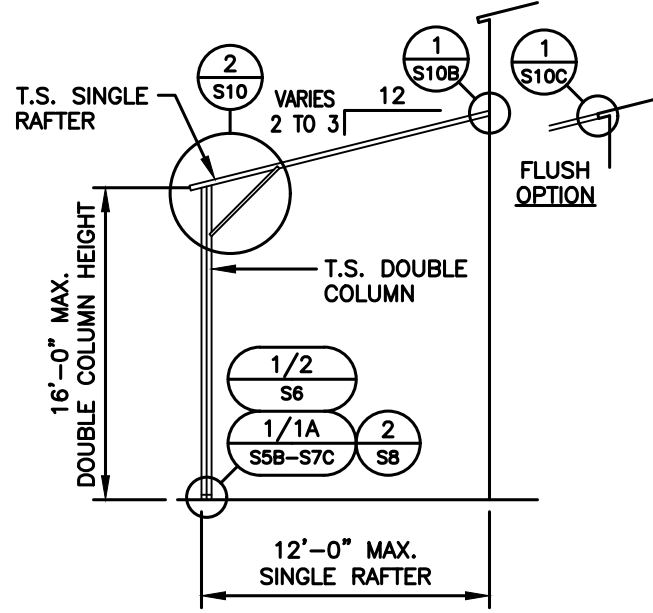
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 <div>TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW.TAYLORVIOLA.COM</div>				0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW	
		Date: 04/03/24		JCMT Associates, PLLC 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277	
		Revisions: -			
		Project No. 24-507		Sheet No. S8B	

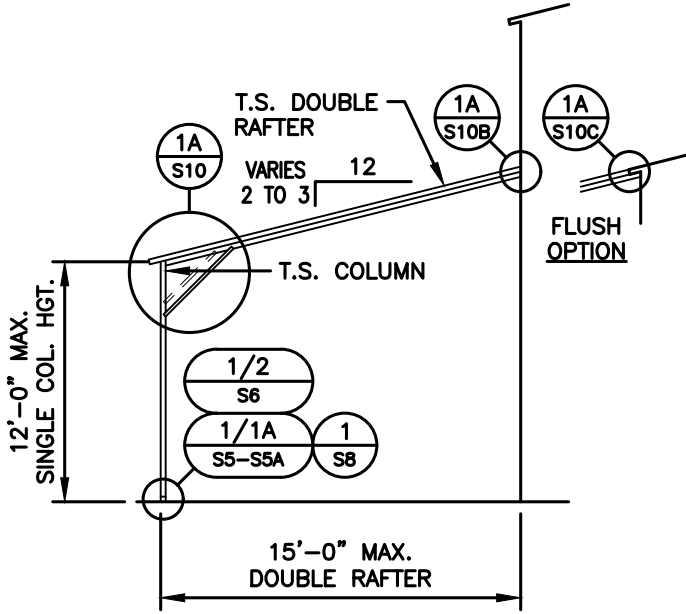
LEAN-TO FRAMING OPTIONS



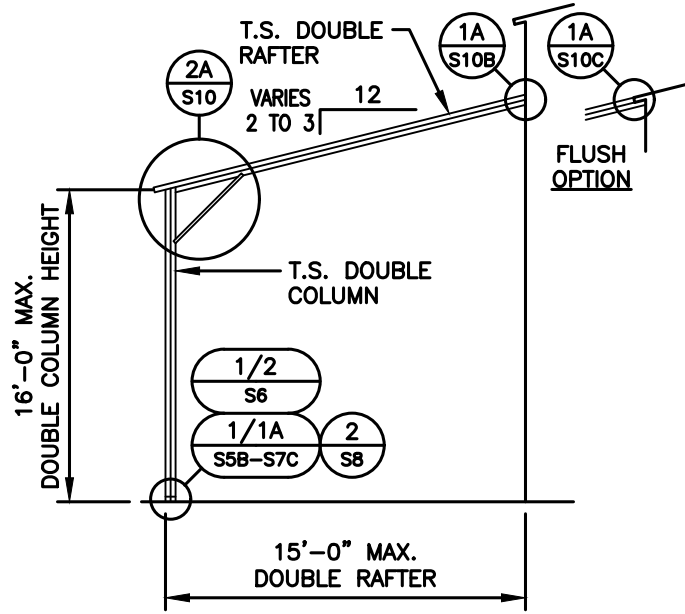
SINGLE RAFTER / SINGLE COLUMN
LEAN-TO FRAMING SECTION



SINGLE RAFTER / DOUBLE COLUMN
LEAN-TO FRAMING SECTION



DOUBLE RAFTER / SINGLE COLUMN
LEAN-TO FRAMING SECTION



DOUBLE RAFTER / DOUBLE COLUMN
LEAN-TO FRAMING SECTION

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

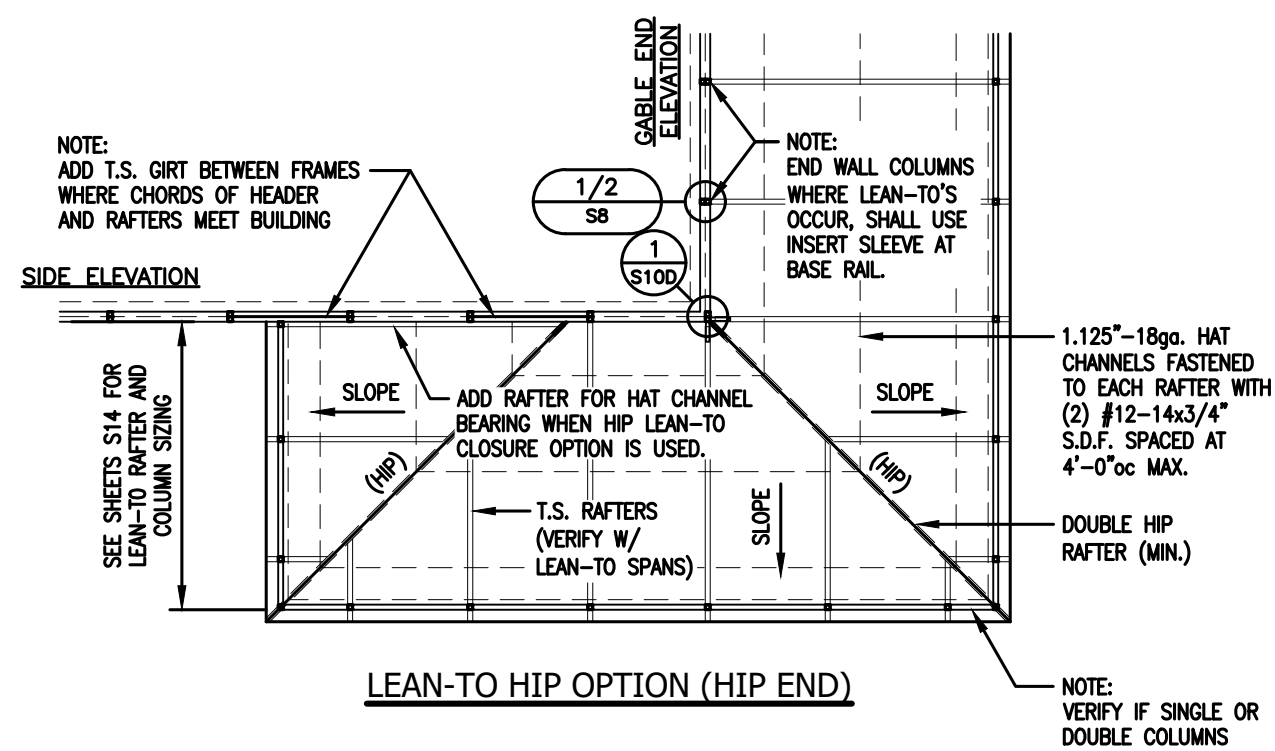
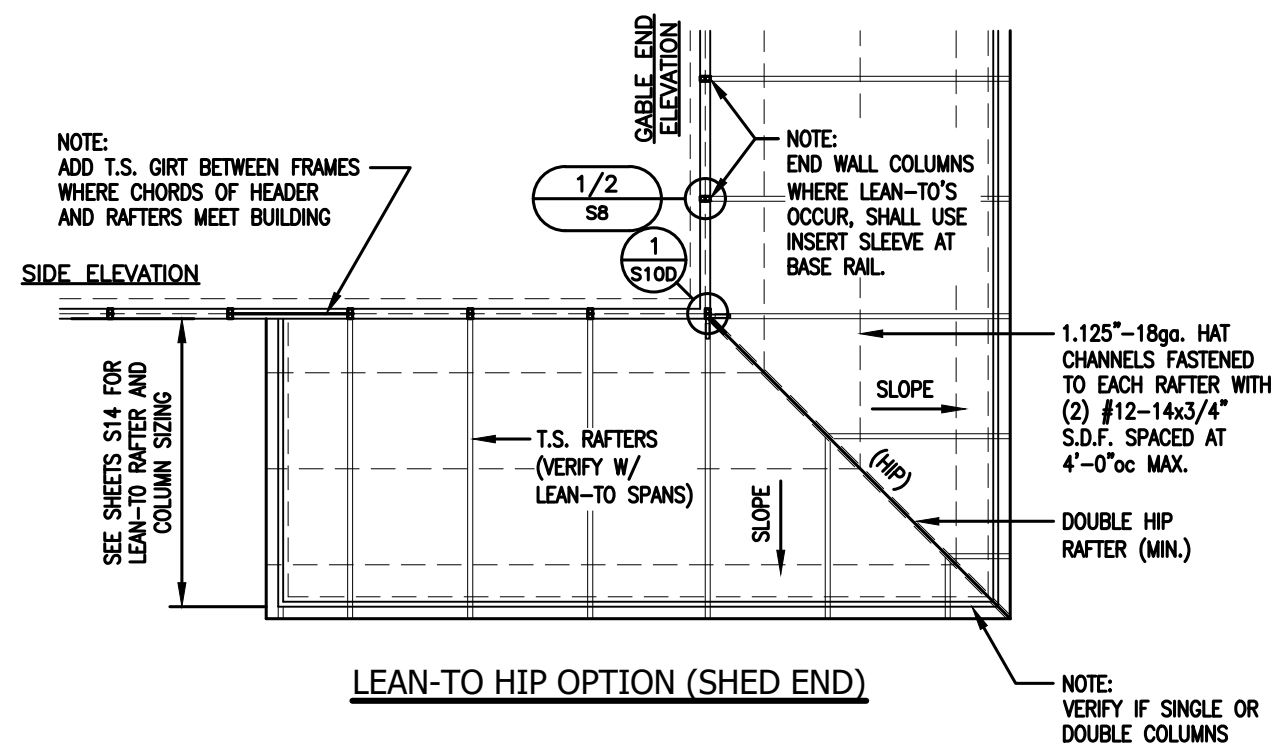
TAYLOR & VIOLA
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TELE: 828-328-6331 FAX: 828-322-1801
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Project No.
24-507
Sheet No.
S9

LEAN-TO HIP FRAMING OPTIONS



NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDAR YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.



0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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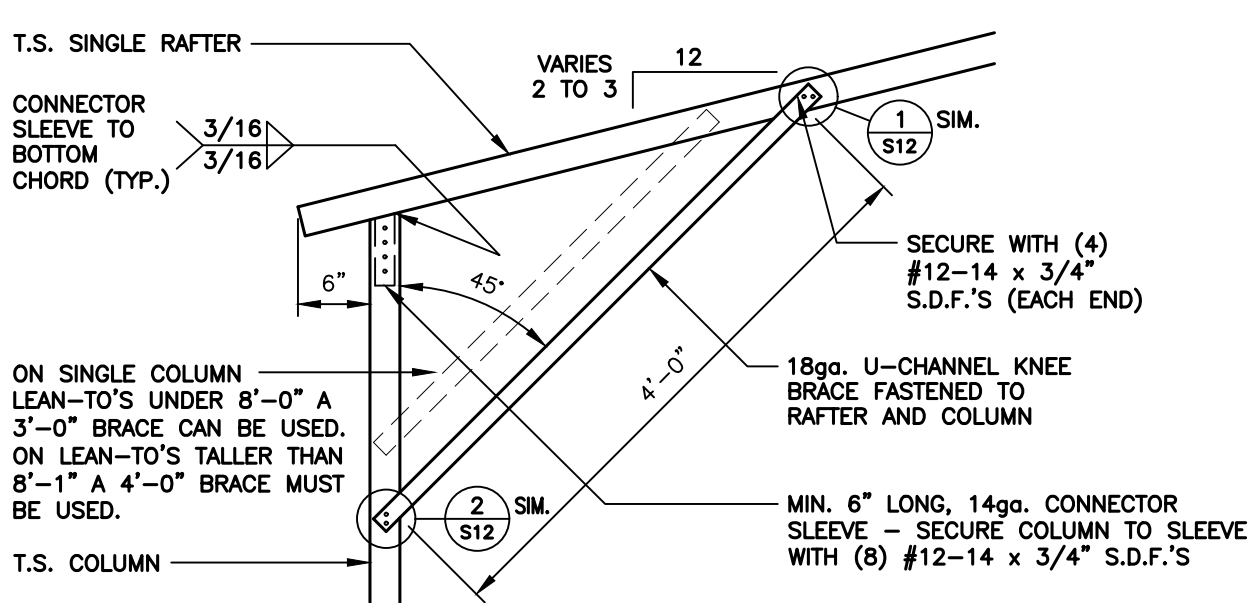
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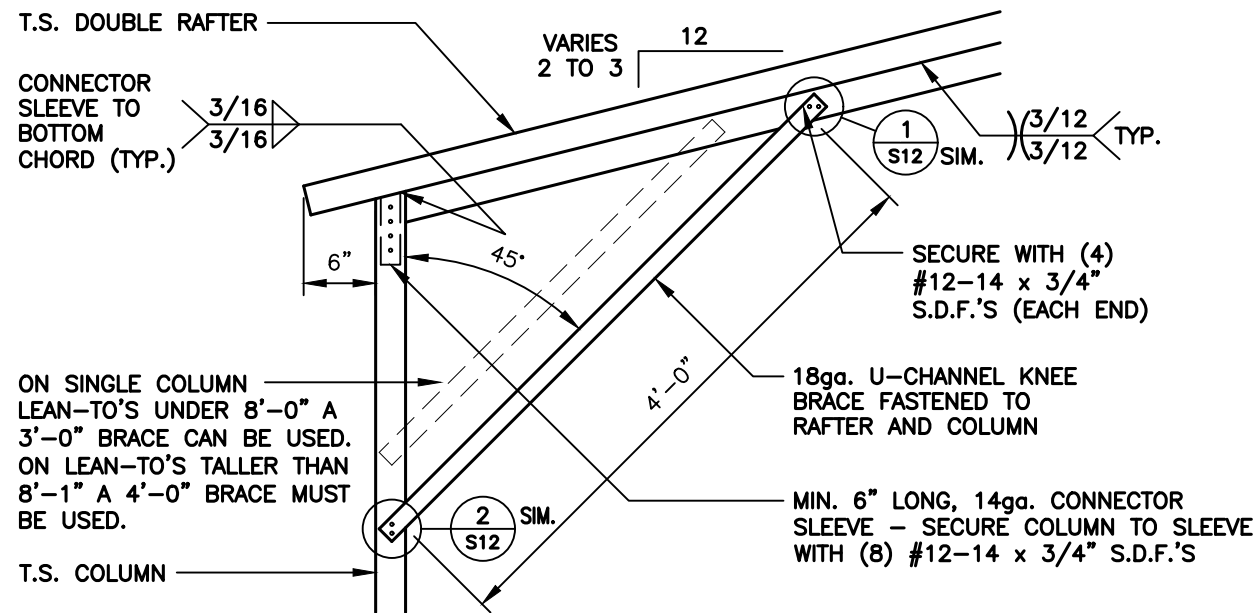
Project No.
24-507

Sheet No.
S9A

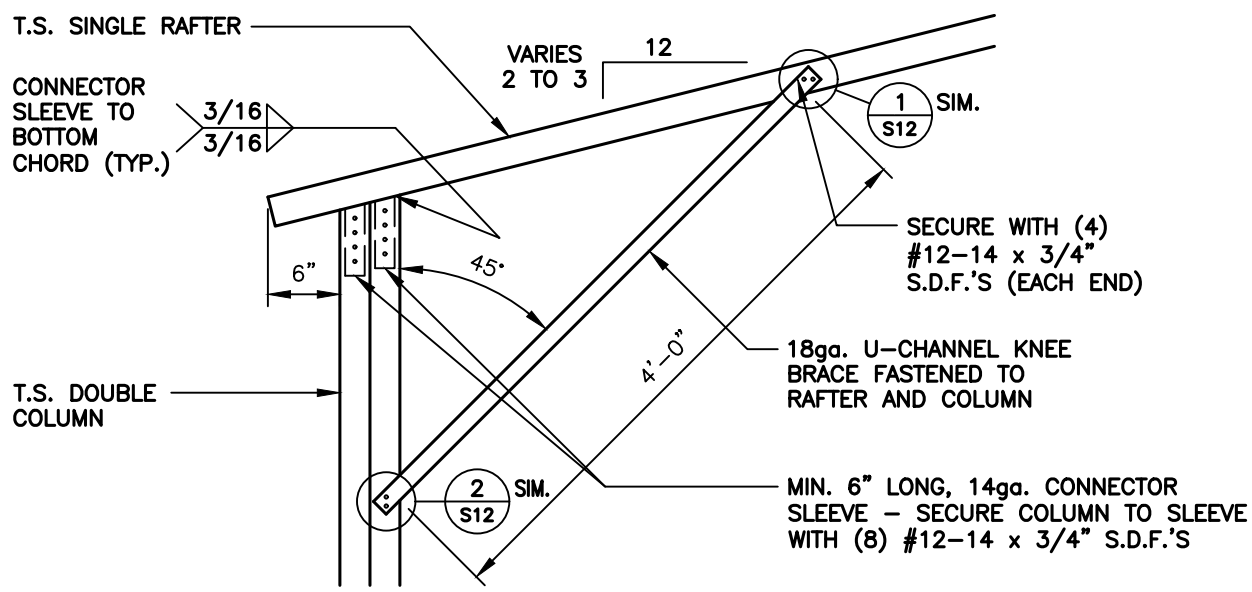
LEAN-TO FRAMING OPTIONS



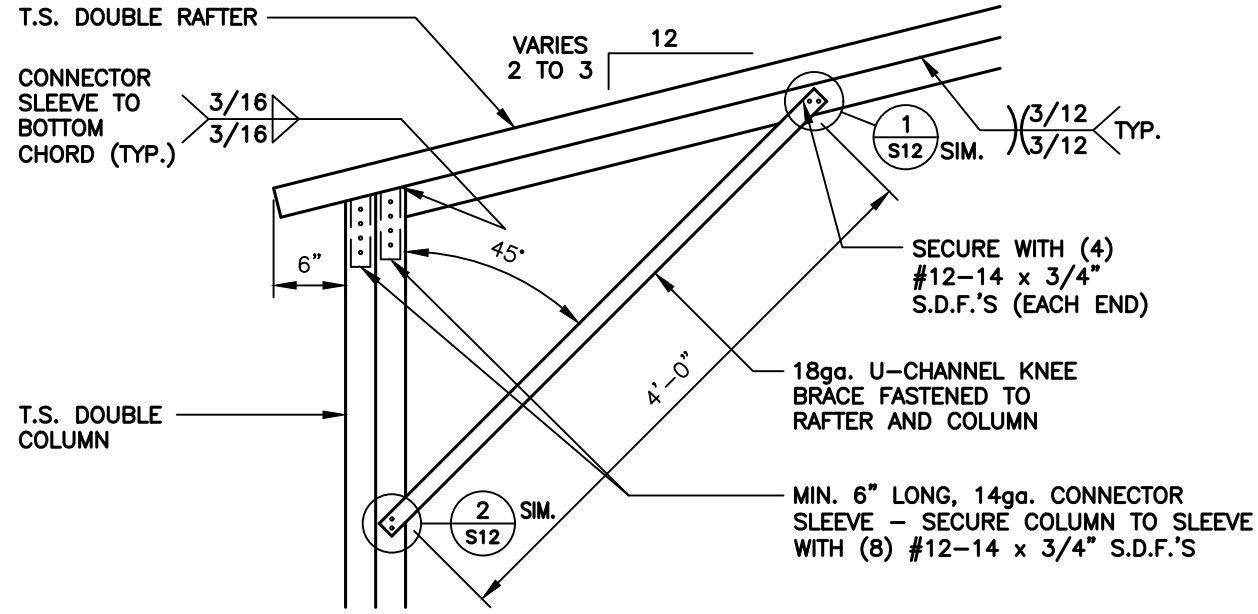
1
S10 LEAN-TO SINGLE RAFTER / SINGLE COLUMN
CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



1A
S10 LEAN-TO DOUBLE RAFTER / SINGLE COLUMN
CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



2
S10 LEAN-TO SINGLE RAFTER / DOUBLE COLUMN
CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



2A
S10 LEAN-TO DOUBLE RAFTER / DOUBLE COLUMN
CONNECTION DETAIL
SCALE: 3/4" = 1'-0"

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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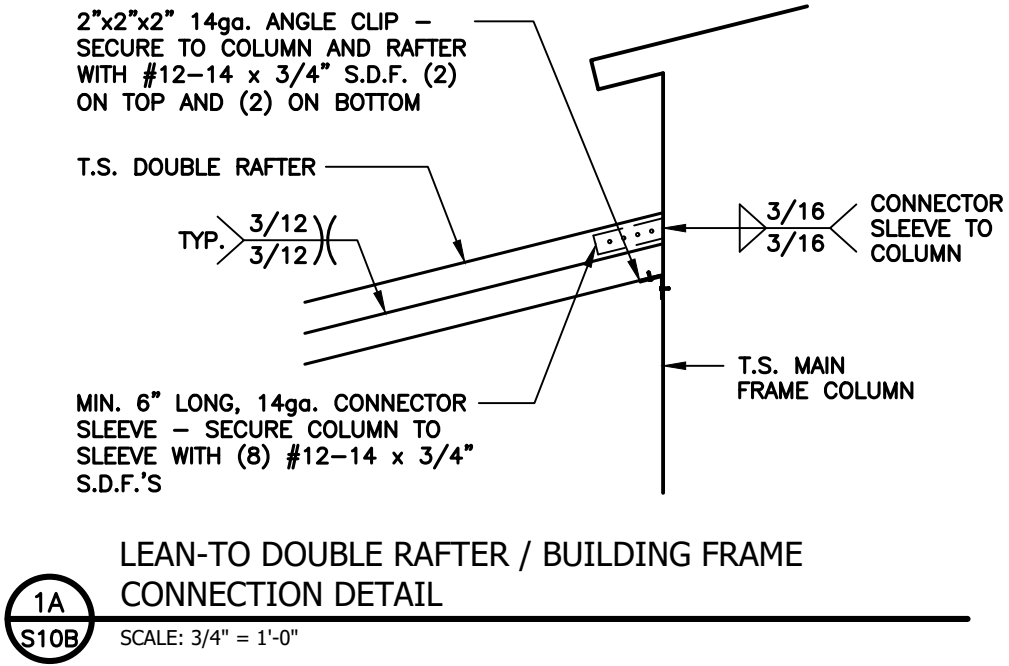
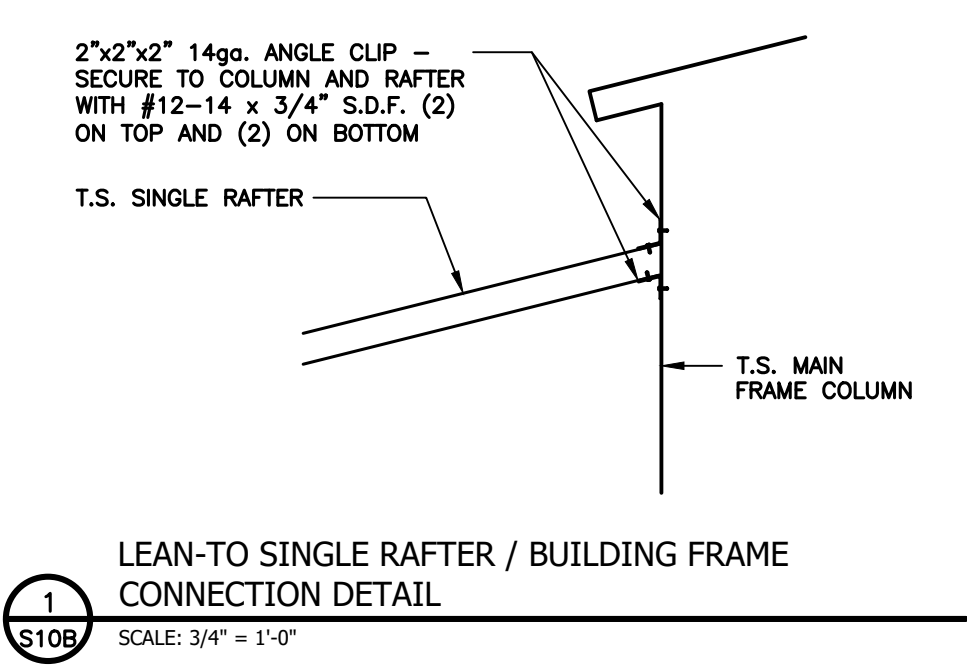
Date:
04/03/24
Revisions:

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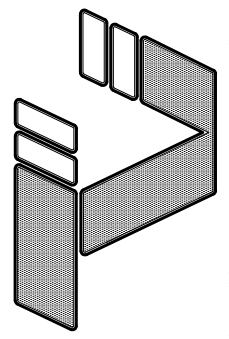
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Project No.
24-507
Sheet No.
S10

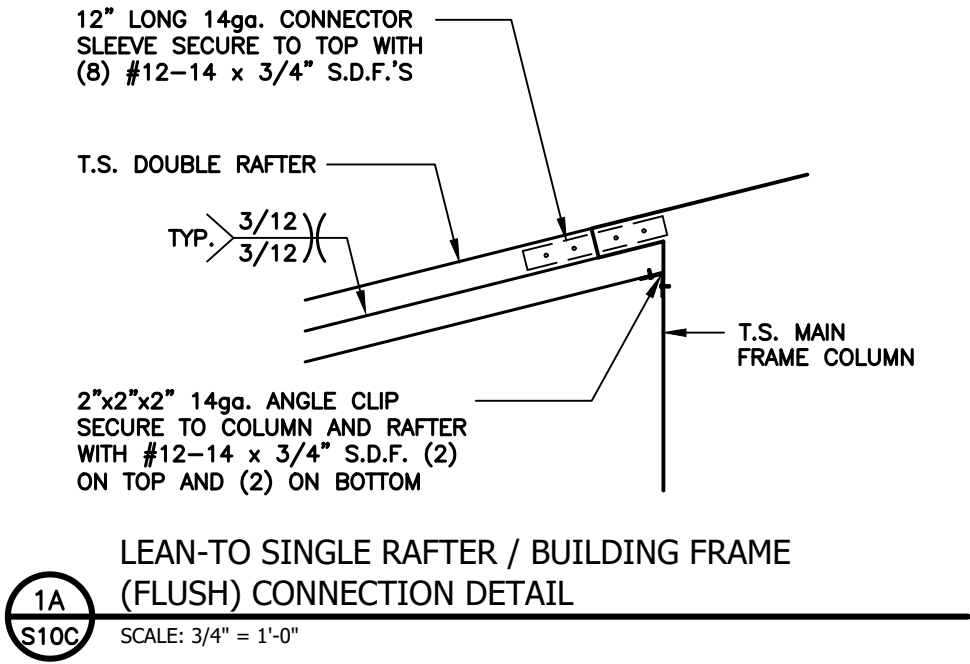
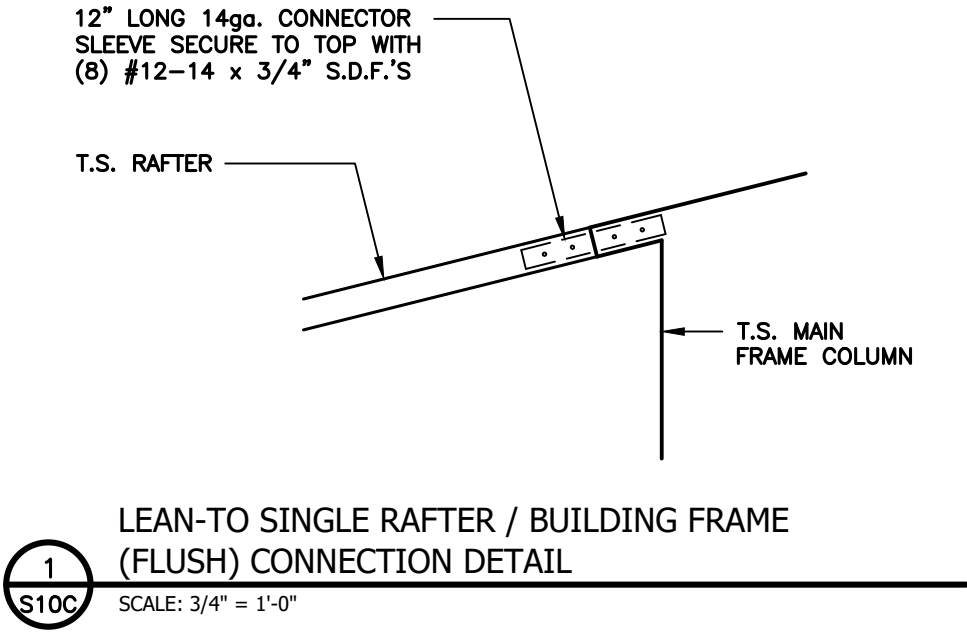
LEAN-TO FRAMING OPTIONS




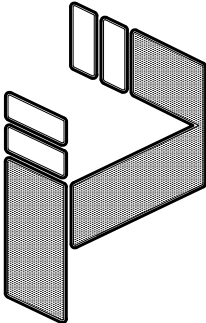
NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDER YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.

0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW		Project No. 24-507	
		JCMT Associates, PLLC 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277	
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		Revisions: -	

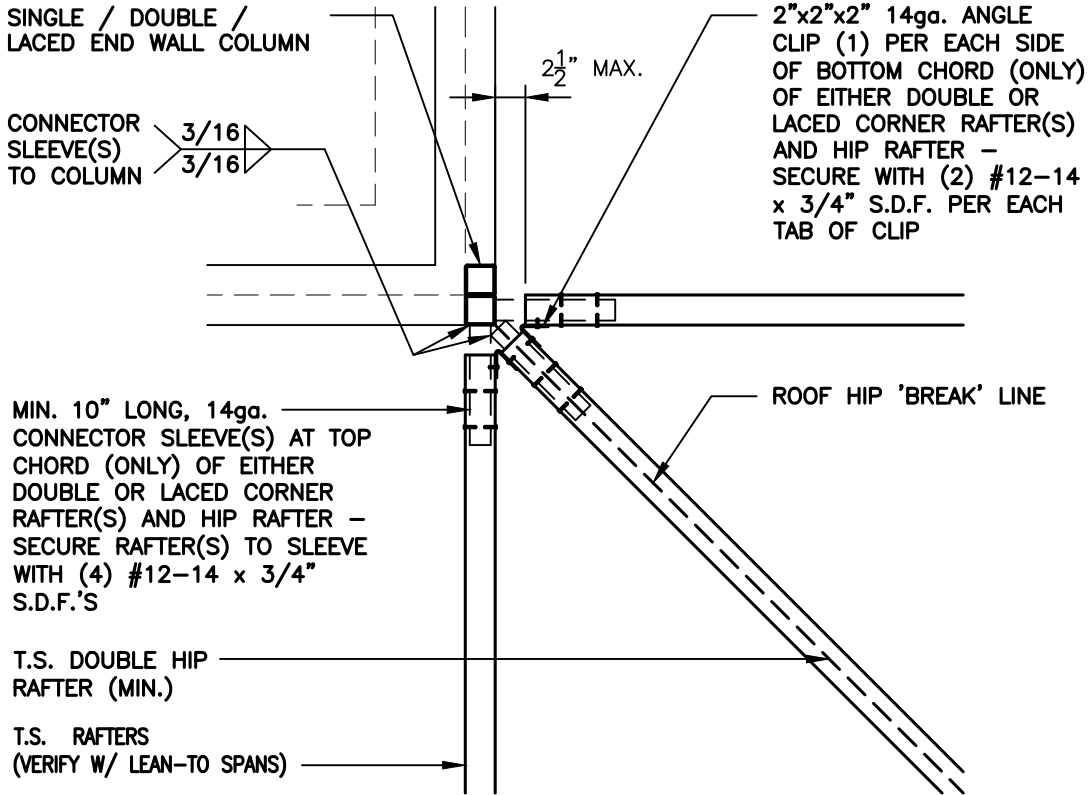
LEAN-TO FRAMING OPTIONS



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		0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW	
 <div>TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW.TAYLORVIOLA.COM</div>		JCMT Associates, PLLC 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277	
		Date: 04/03/24	Project No. 24-507
Revisions: -		Sheet No. S10C	

LEAN-TO FRAMING OPTIONS

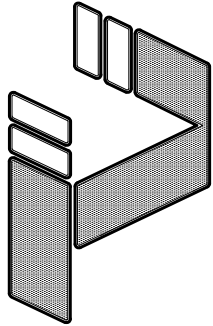


1
S10D

END WALL COLUMN / HIP RAFTER
CONNECTION DETAIL

SCALE: 3/4" = 1'-0"

NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDER YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.



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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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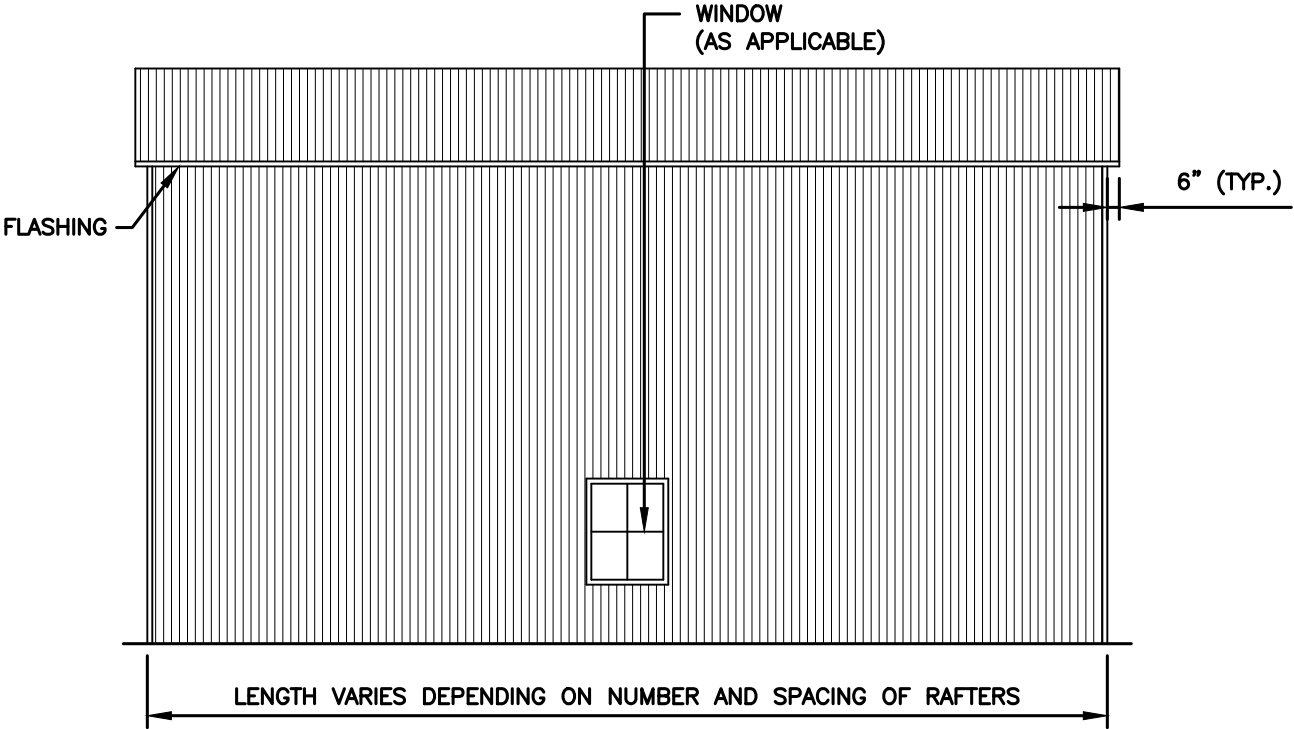
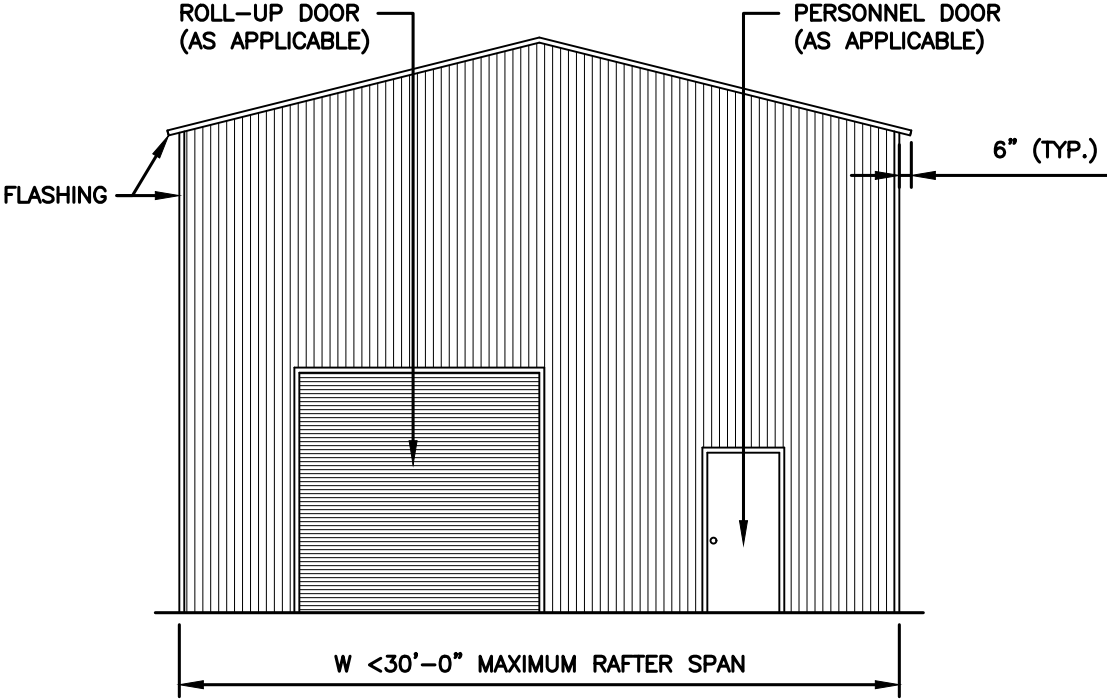
Date:
04/03/24

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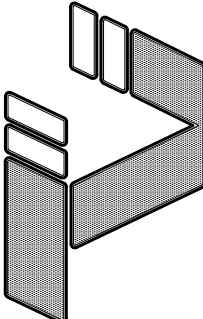
Project No.
24-507

Sheet No.
S10D

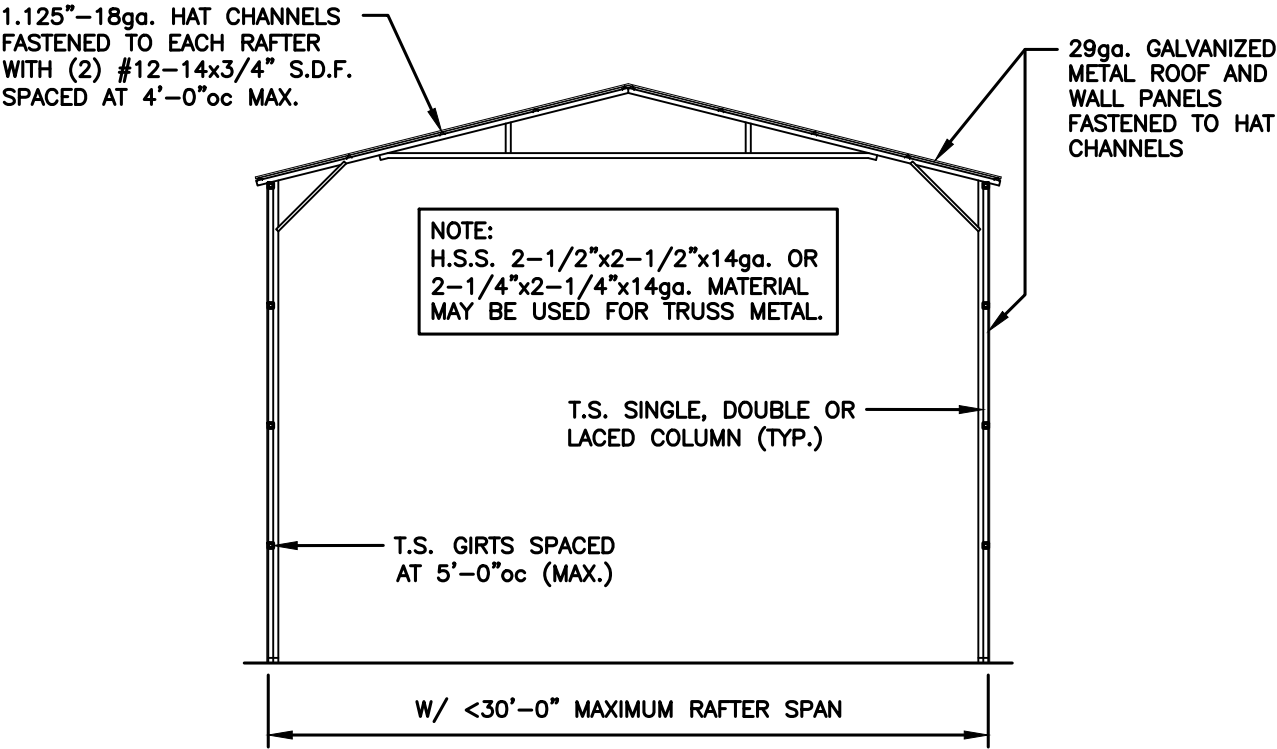
VERTICAL ROOF / SIDING OPTION



NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDER YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.

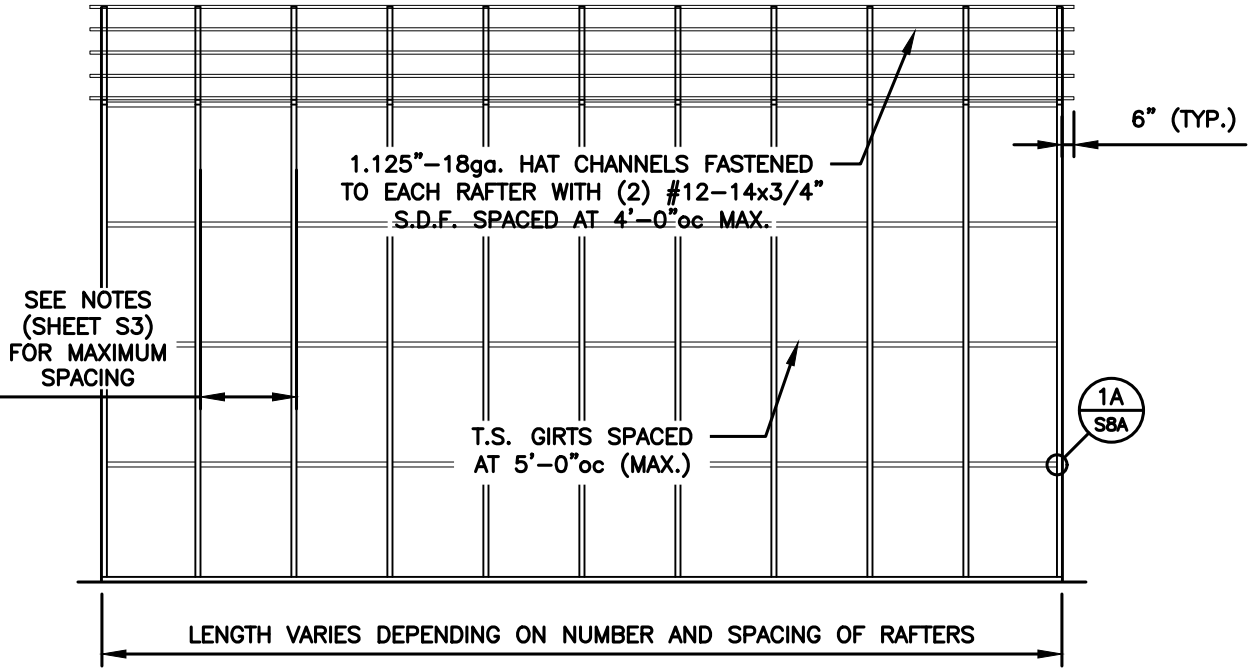
	0' - 30' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW		JCMT Associates, PLLC 211 Stone Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277	
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	Revisions: -			

VERTICAL ROOF / SIDING OPTION

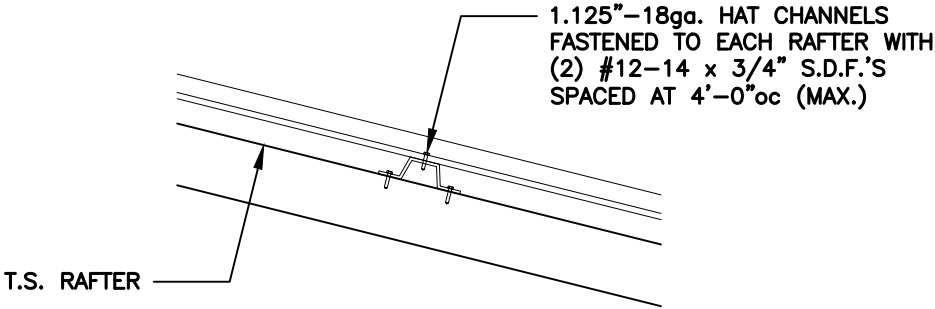


TYPICAL SECTION VERTICAL ROOF / SIDING OPTION

MAIN BUILDING COLUMNS TO BE SINGLE COLUMNS FOR
COLUMN HEIGHTS <12'-0"
MAIN BUILDING COLUMNS TO BE DOUBLE COLUMNS FOR
COLUMN HEIGHTS >12'-1" TO <16'-0"
MAIN BUILDING COLUMNS TO BE LACED COLUMNS FOR
COLUMN HEIGHTS >16'-1" TO <20'-0"



TYPICAL SIDE FRAMING SECTION VERTICAL ROOF / SIDING OPTION



(TYPICAL) ROOF PANEL ATTACHMENT

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0' - 30' WIDTH
20'-0" EAVE HEIGHT
145 WIND ZONE
35 P.S.F. SNOW

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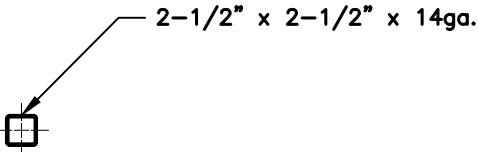
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S11A

GENERAL NOTE:

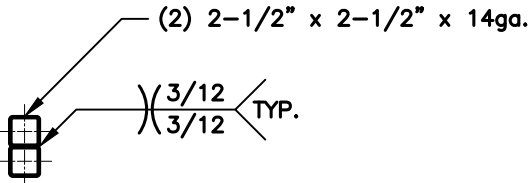
PROVIDE DOUBLE WYTHE HEADER
ON DOUBLE COLUMNS.

HEADER OPTIONS

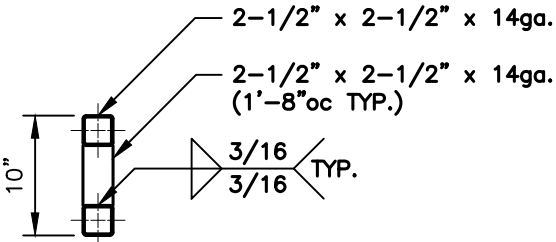
SIDE WALL HEADER OPTIONS



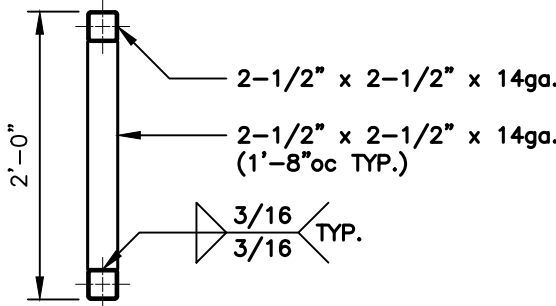
SINGLE T.S. HEADER DETAIL
FOR OPENINGS <4'-0"



DOUBLE T.S. HEADER DETAIL
FOR OPENINGS >4'-0" TO <12'-0"

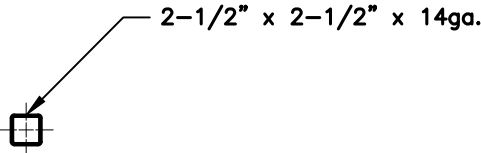


LACED T.S. HEADER DETAIL
FOR OPENINGS >12'-1" TO <15'-0"

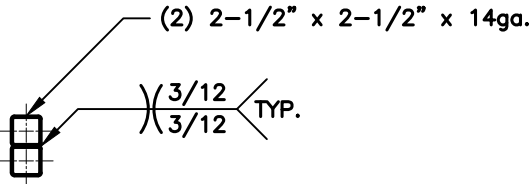


LACED T.S. HEADER DETAIL
FOR OPENINGS >15'-1" TO <20'-0"

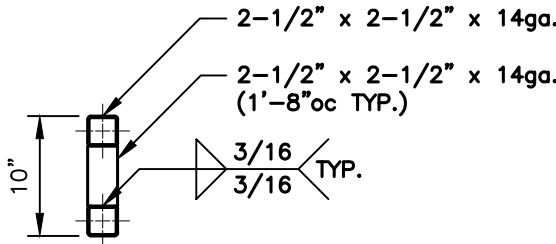
END WALL HEADER OPTIONS



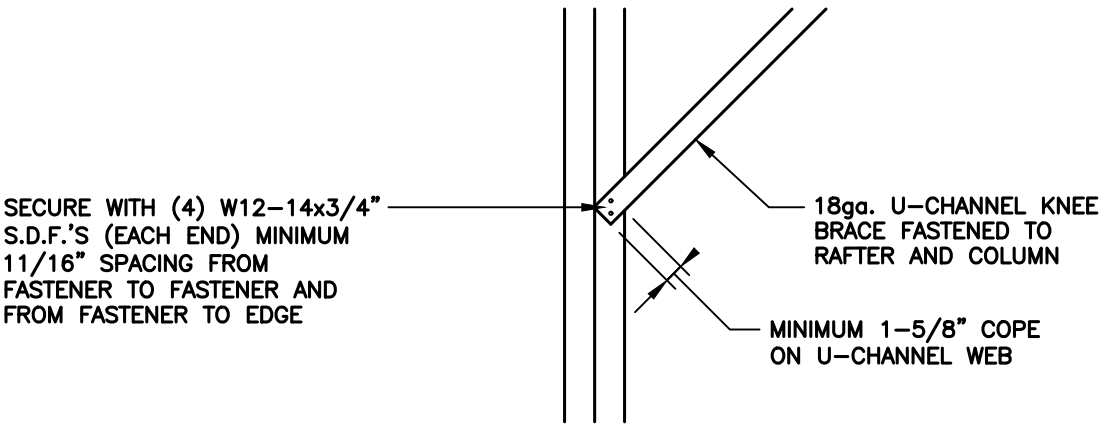
SINGLE T.S. HEADER DETAIL
FOR OPENINGS <7'-0"



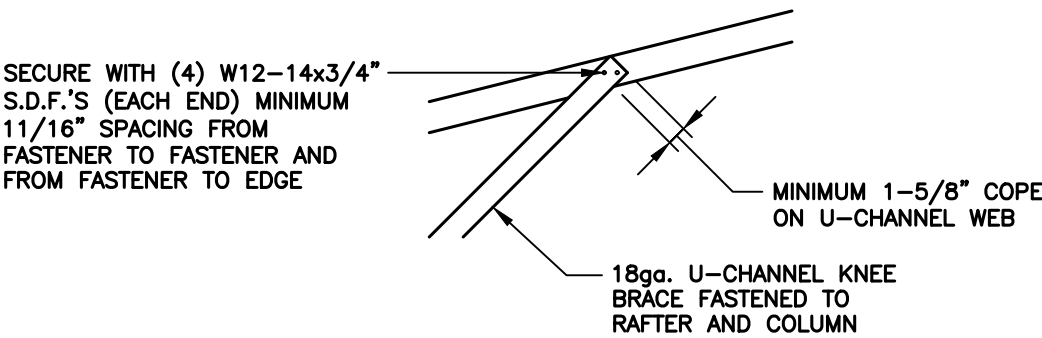
DOUBLE T.S. HEADER DETAIL
FOR OPENINGS >7'-1" TO <16'-0"



LACED T.S. HEADER DETAIL
FOR OPENINGS >16'-1" TO <20'-0"



U-CHANNEL TO COLUMN CONNECTION DETAIL



U-CHANNEL TO TRUSS CONNECTION DETAIL

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