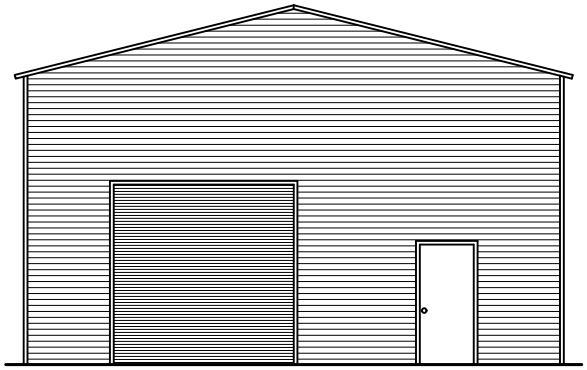

ENCLOSED GABLE END BUILDING

0'-30' (MAX.) WIDE X 16'-0" EAVE HEIGHT WITH BOX FRAME / (UP TO) 145 M.P.H. WIND ZONE - 30 P.S.F. SNOW LOAD

FOR:

SELECT STEEL BUILDINGS, INC.
2745 STATESVILLE RD.
WILKESBORO, NORTH CAROLINA
TELE: 336-973-0721

ISSUE DATE: 05.23.24

SELECT STEEL BUILDINGS
336-973-0721

TAYLOR & VIOLA
STRUCTURAL ENGINEERS

JCMT Associates, PLLC
211 Stone Drive / Pilot Mountain, NC 27041
336-399-6277

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

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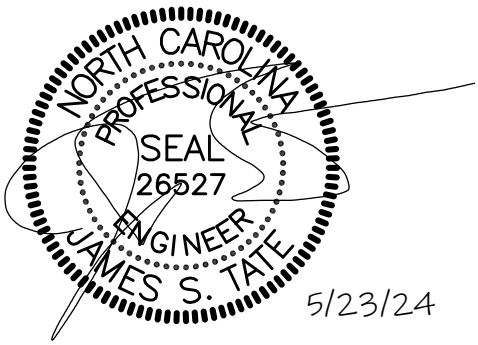
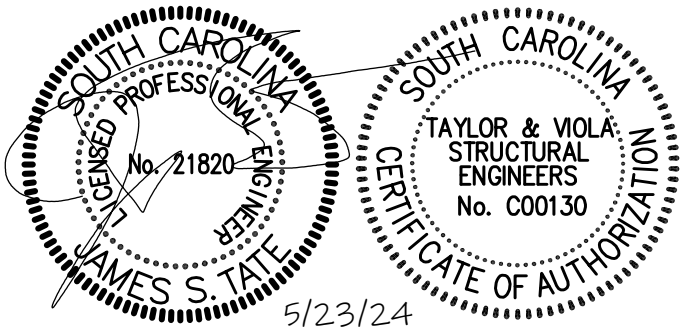


DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 NC BUILDING CODE (2015 IBC)



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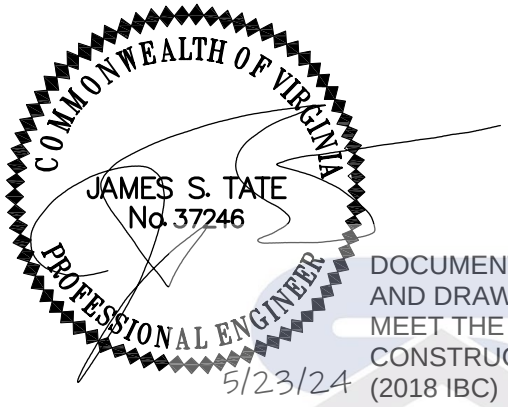

DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 VA CONSTRUCTION CODE (2018 IBC)

DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2012 IBC

DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC

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SELECT STEEL BUILDINGS, INC.
2745 STATESVILLE RD.
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TELE: 366-973-0721

DRAWN BY:	PROJECT NO:
BKS	24-511
DATE: 05.23.24	SHEET NO: S1

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

SHEET INDEX

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TELE: 366-973-0721

DRAWN BY:	PROJECT NO:
BKS	24-511
DATE: 05.23.24	SHEET NO: S2

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

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:		30	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 [X] A [X] B [X] 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 [X] PRESUMPTIVE [.] HISTORICAL DATA

BASIC STRUCTURAL SYSTEM (CHECK ONE)

.	BEARING WALL	.	DUAL W/ SPECTRAL MOMENT FRAME
X	BUILDING FRAME	.	DUAL W/ INTERMEDIATE R/C OR SPECIAL STEEL
.	MOMENT FRAME	.	INVERTED PENDULUM

ANALYSIS PROCEDURE . SIMPLIFIED X EQUIVALANT LATERAL FORCE . MODAL

LATERAL DESIGN CONTROL? . EARTHQUAKE X WIND

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

GENERAL NOTES:

1. MAX FRAME SPACING SHALL BE 60"oc UNLESS NOTED OTHERWISE.
2. MAX. END-WALL COLUMN SPACING SHALL BE 60"oc UNLESS NOTED OTHERWISE.
3. TUBE MATERIAL SHALL BE 2-1/2" x 2-1/2" x 14ga. 50 K.S.I. MIN. UNLESS NOTED OTHERWISE.
4. ALL FASTENERS SHALL BE (2) #12 SELF TAPPING AT 9"oc UNLESS NOTED OTHERWISE.
5. 1,500 P.S.F. ASSUMED BEARING CAPACITY UNLESS NOTED OTHERWISE.
6. THESE DRAWINGS ARE NOT APPLICABLE TO PARTIALLY OPEN / ENCLOSED OR OPEN BUILDINGS.
7. THESE DRAWINGS ARE NOT DESIGNED FOR SLEEPING QUARTERS.

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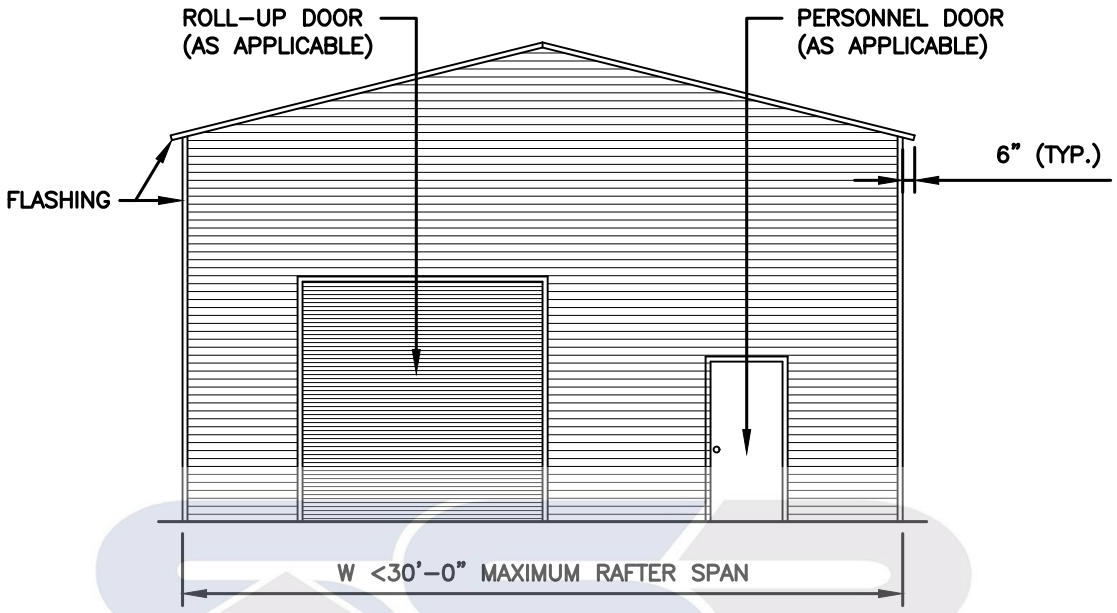
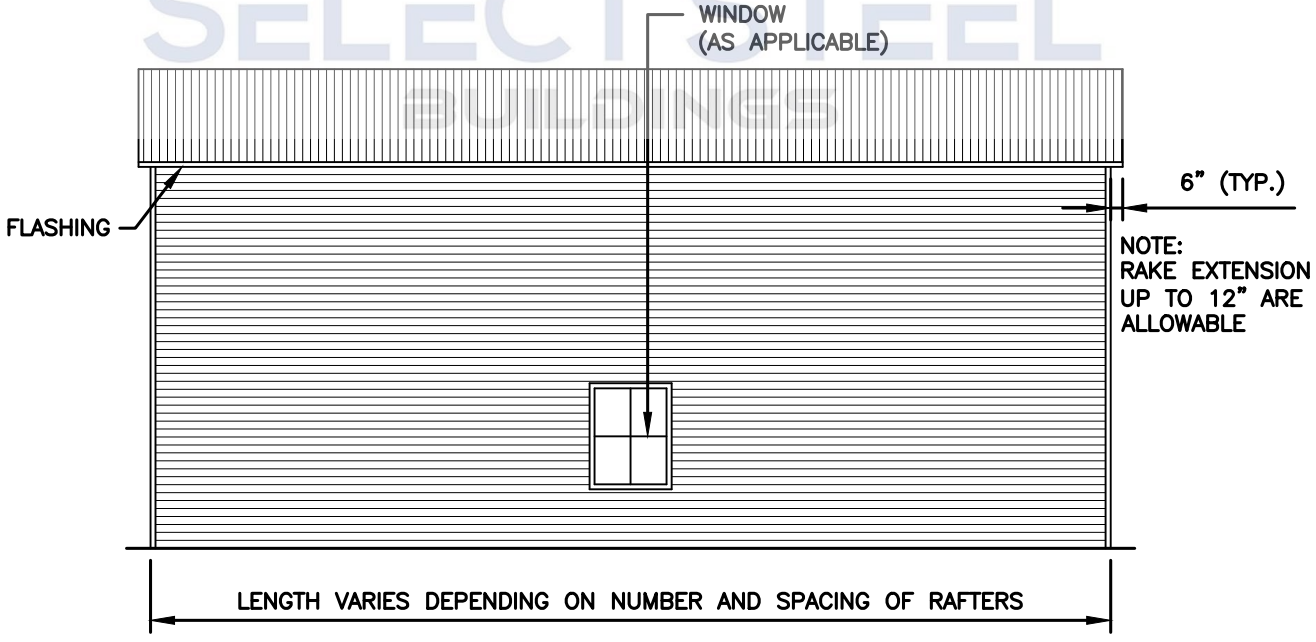
DATE: 05.23.24	SHEET NO: S3

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

BOX EVE FRAME RAFTER STURCTURE



TYPICAL END ELEVATION



TYPICAL SIDE ELEVATION

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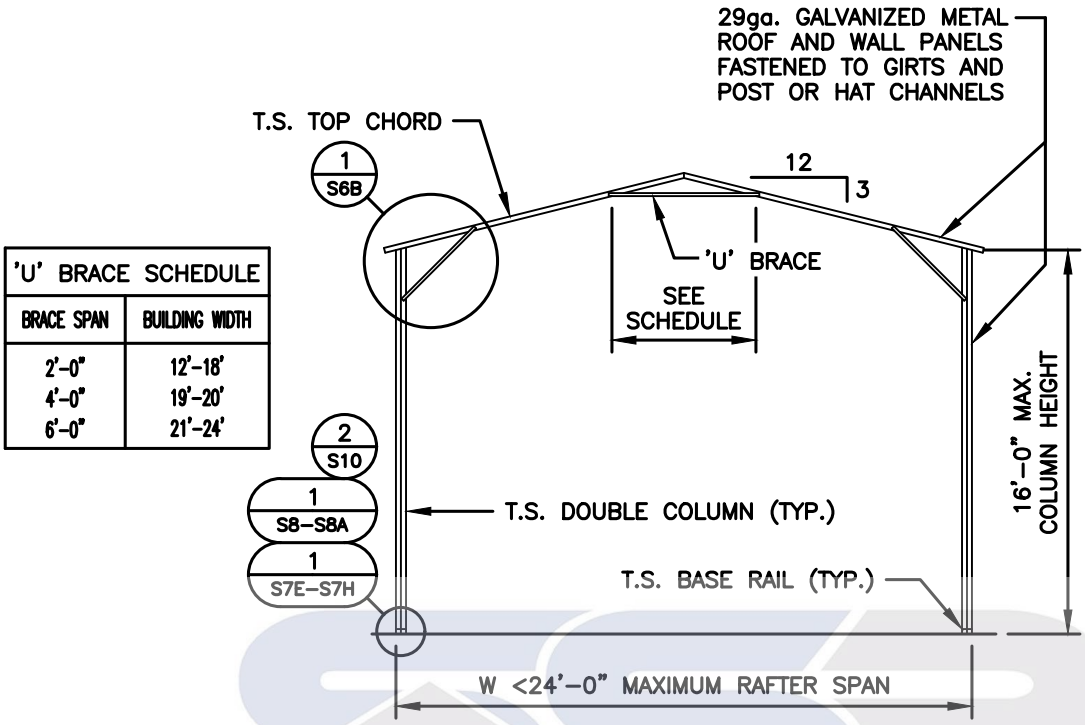
DATE: 05.23.24	SHEET NO: S4

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

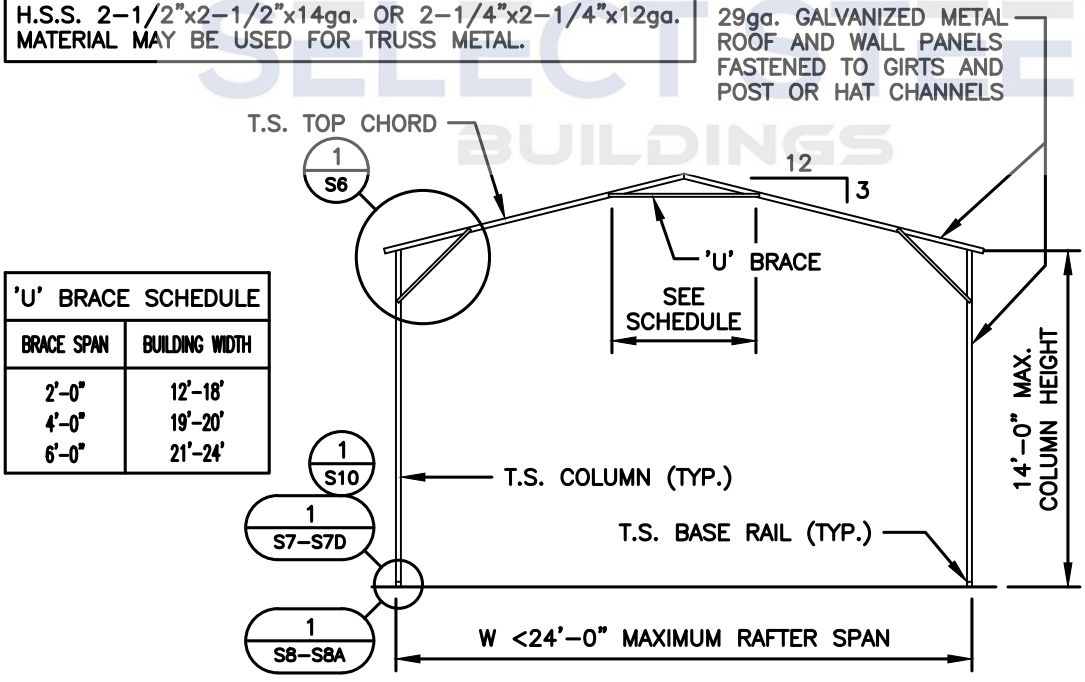
(<24' WIDE / <16' HIGH) BOX EVE RAFTER END WALL SECTIONS



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

TYPICAL RAFTER / COLUMN FRAME SECTION

NOTE:
H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x12ga. 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'

TYPICAL RAFTER / COLUMN FRAME SECTION

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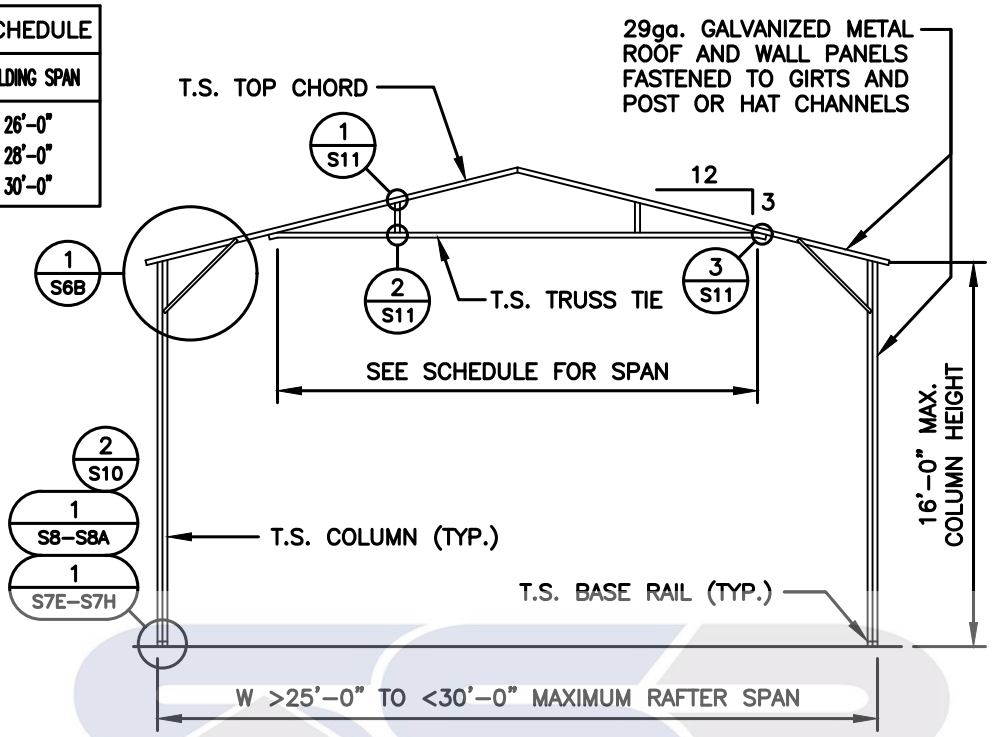
DATE:	SHEET NO:
05.23.24	S5

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

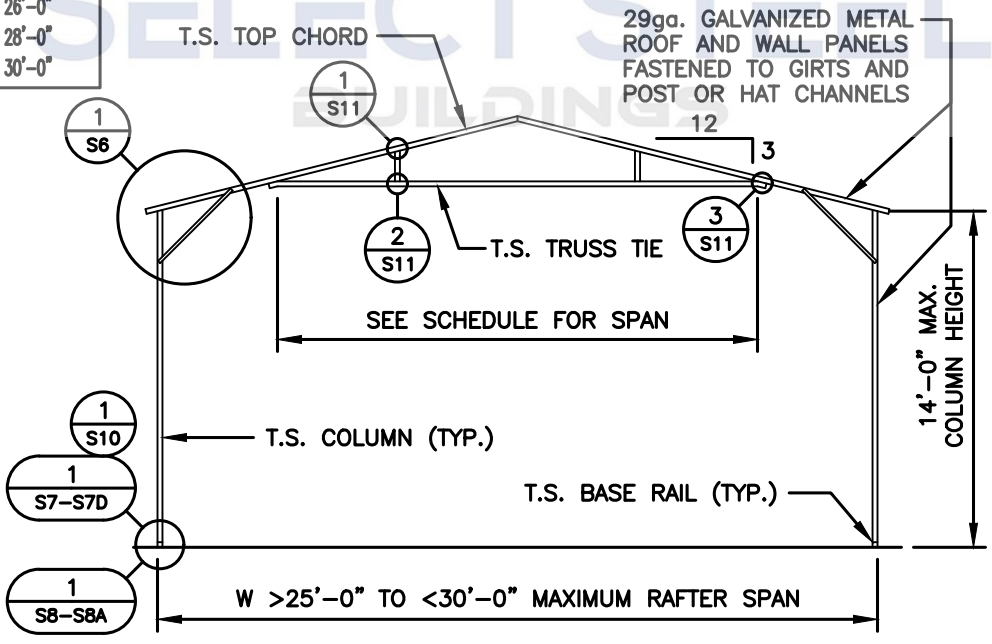
TRUSS TIE SCHEDULE	
BRACE SPAN	BUILDING SPAN
16'-0"	26'-0"
18'-0"	28'-0"
20'-0"	30'-0"



TYPICAL RAFTER / COLUMN FRAME SECTION

TRUSS TIE SCHEDULE	
BRACE SPAN	BUILDING SPAN
16'-0"	26'-0"
18'-0"	28'-0"
20'-0"	30'-0"

NOTE:
H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x12ga. MATERIAL MAY BE USED FOR TRUSS METAL.



TYPICAL RAFTER / COLUMN FRAME SECTION

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05.23.24	S5A

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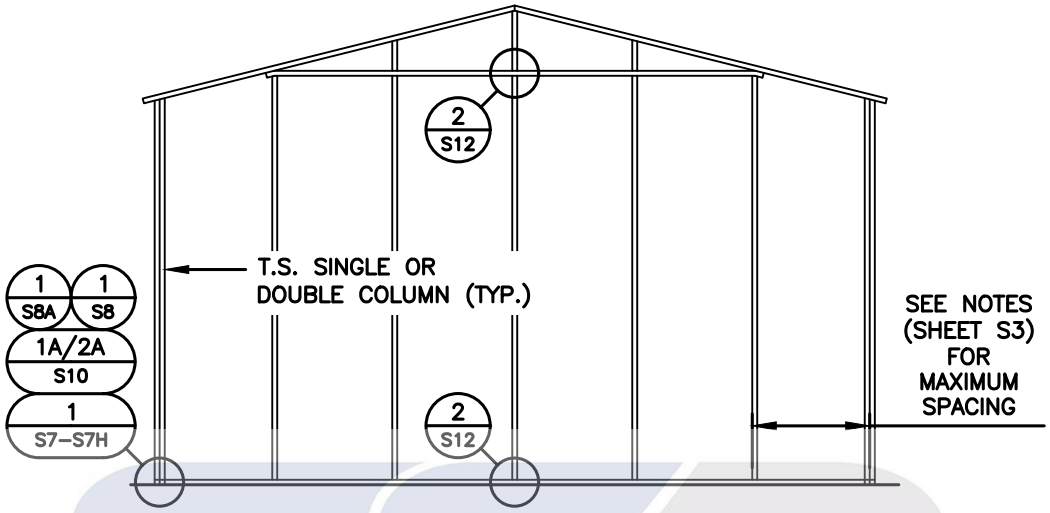
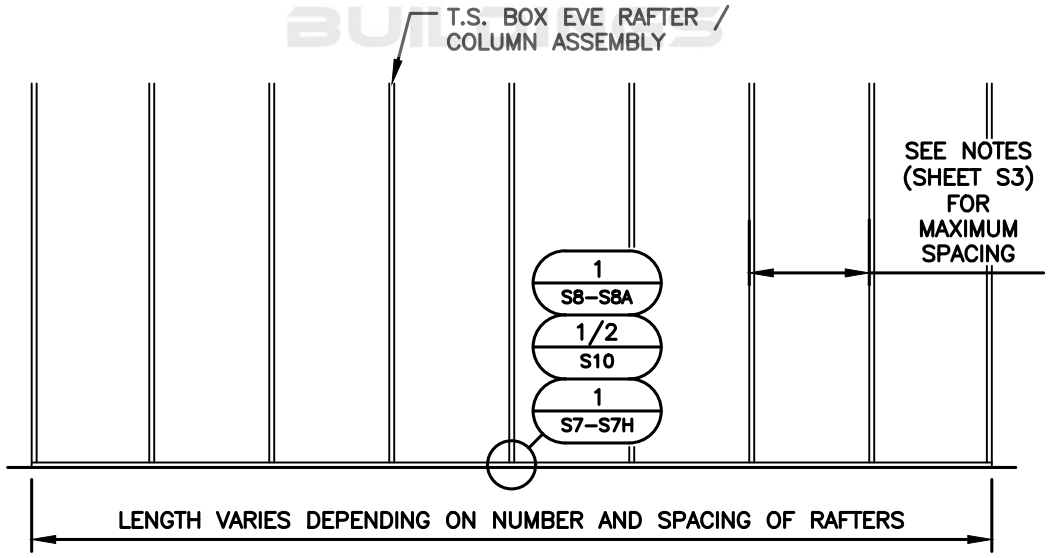
(TYPICAL) SIDE FRAME SECTION



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"x12ga.
MATERIAL MAY BE USED FOR TRUSS METAL.



TYPICAL RAFTER / COLUMN SIDE FRAME SECTION <16'-0"

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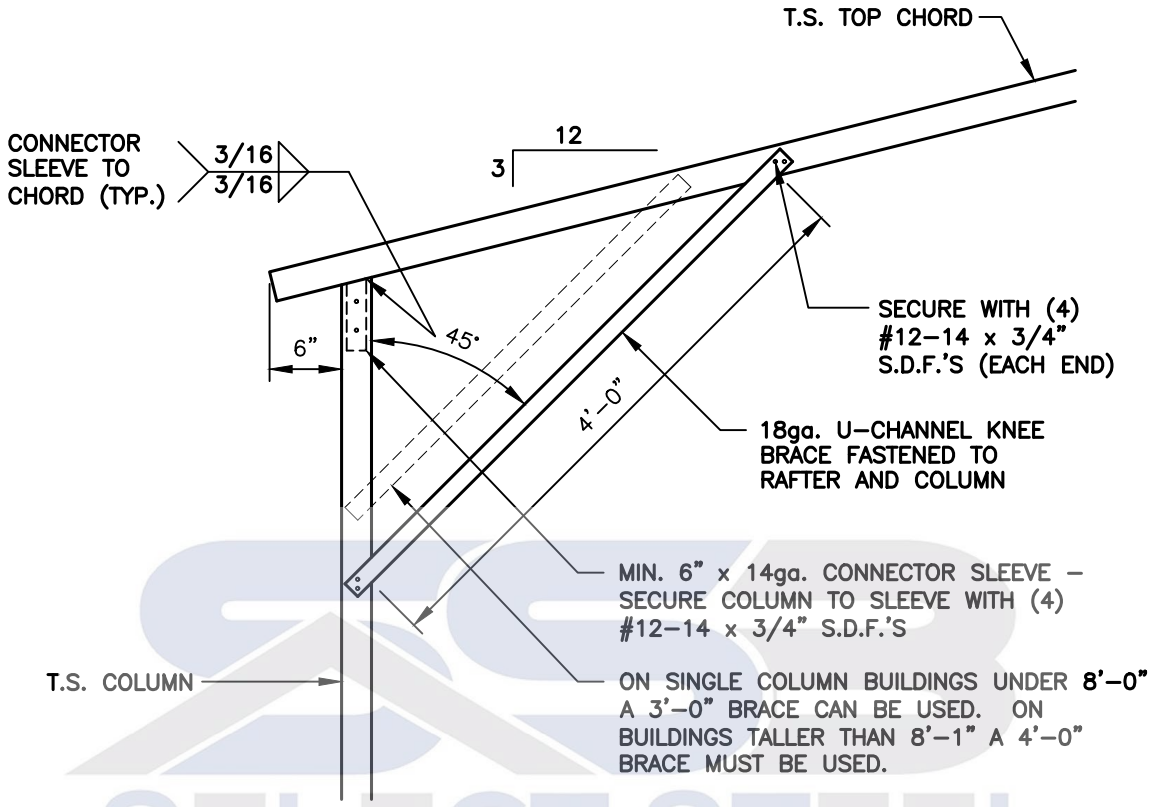
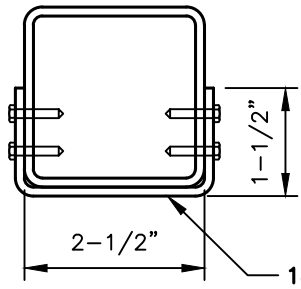


BOX EAVE / CORNER POST CONNECTION DETAIL
FOR HEIGHTS <14'-0"

1 / S6

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



BRACE SECTION

18ga. U-CHANNEL BRACE FASTENED TO THE COLUMN AND CHORD, WITH #12-14 x 3/4" S.D.F.'S AT EACH END AS SHOWN IN ELEVATION.

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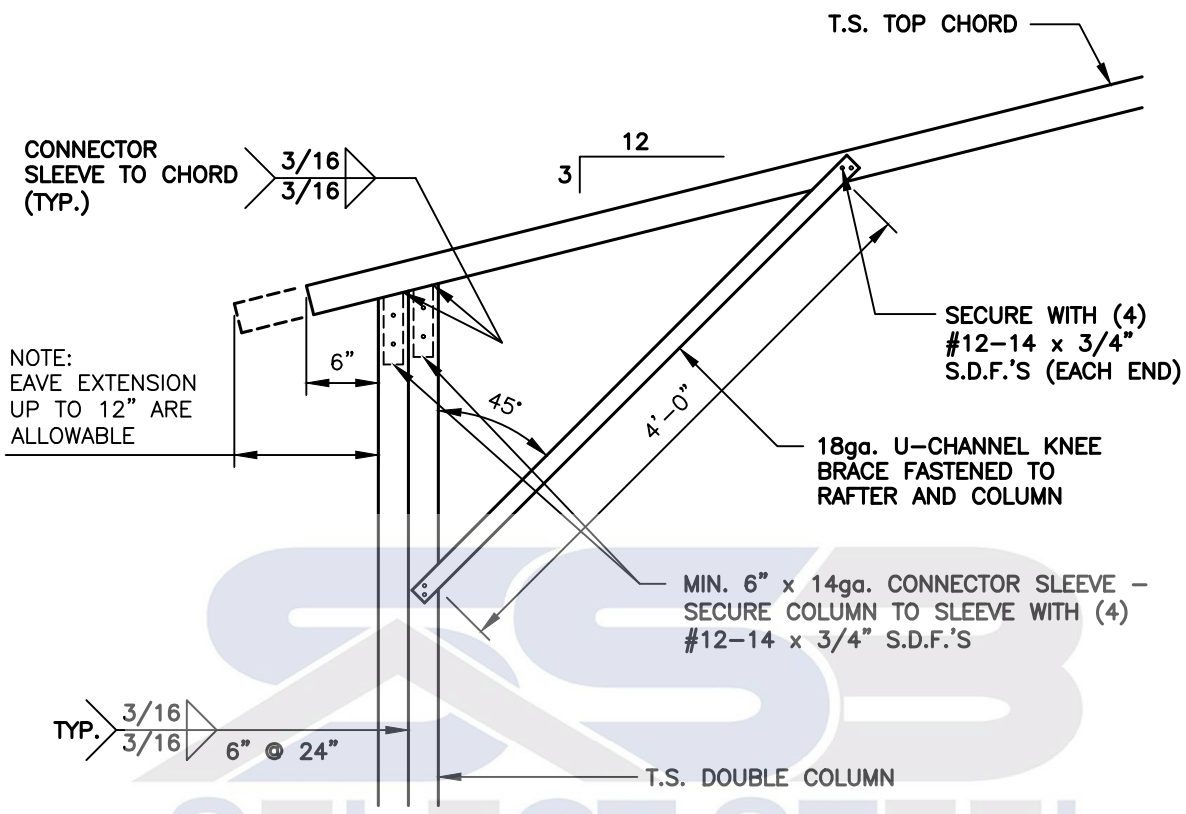
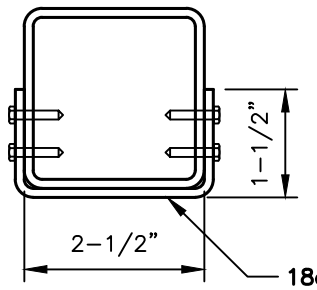


BOX EAVE / CORNER POST CONNECTION DETAIL
FOR HEIGHTS >14'-1" TO <16'-0"

1 / S6A

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



BRACE SECTION

18ga. U–CHANNEL BRACE FASTENED TO THE COLUMN AND CHORD, WITH #12–14 x 3/4" S.D.F.'S AT EACH END AS SHOWN IN ELEVATION.

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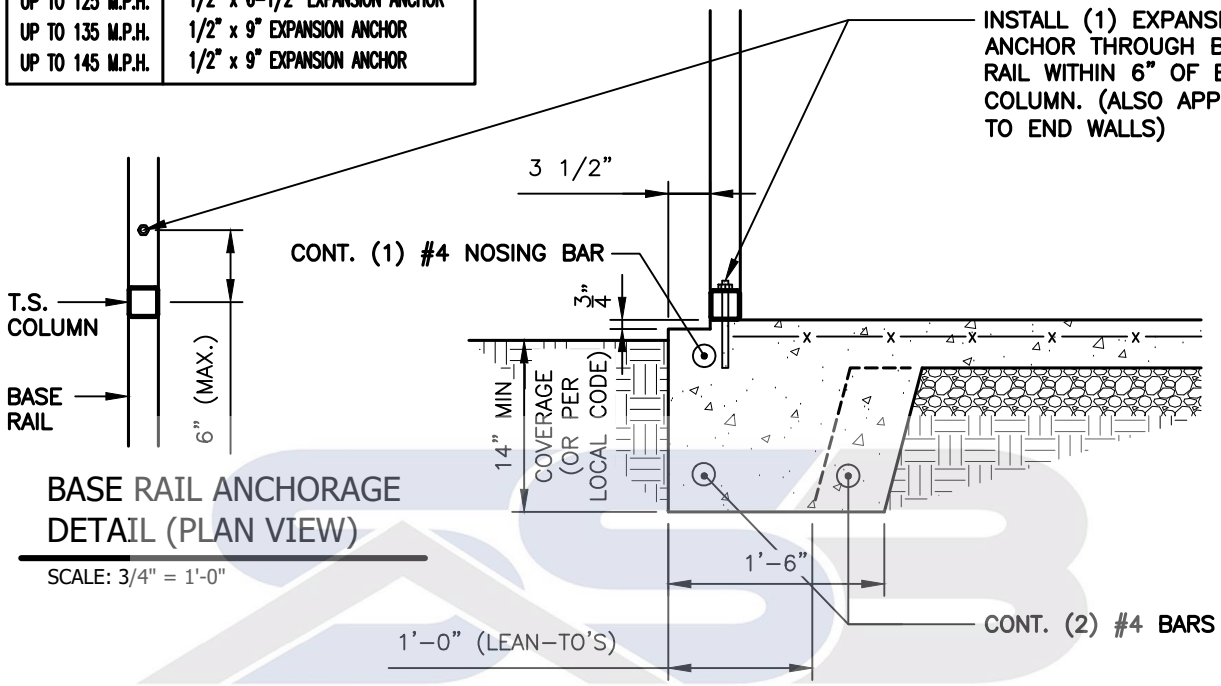
DATE:	SHEET NO:
05.23.24	S6A

CONCRETE BASE RAIL ANCHORAGE

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1/S7 BASE RAIL ANCHORAGE DETAIL

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 MAT BE BENT IN THE SHOP OF 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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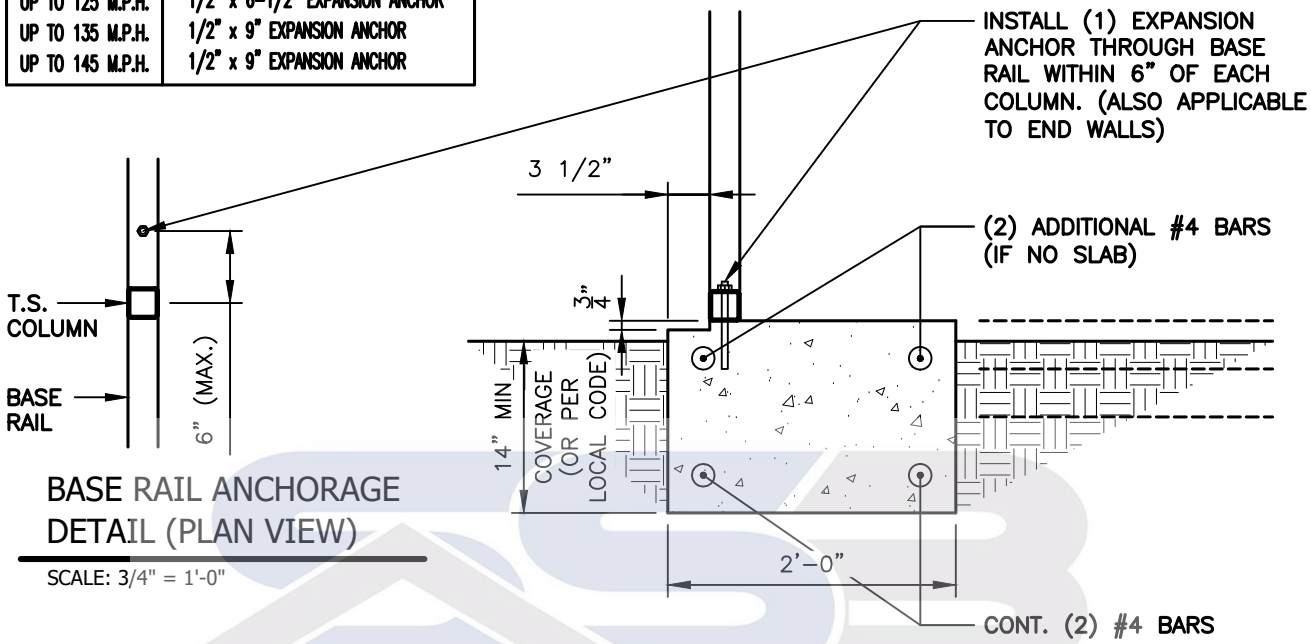
BKS	24-511
DATE: 05.23.24	SHEET NO: S7

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

CONCRETE BASE RAIL ANCHORAGE (NO SLAB)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7A 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:
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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:
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REINFORCEMENT MAT BE BENT IN THE SHOP OF THE FIELD PROVIDED:
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3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

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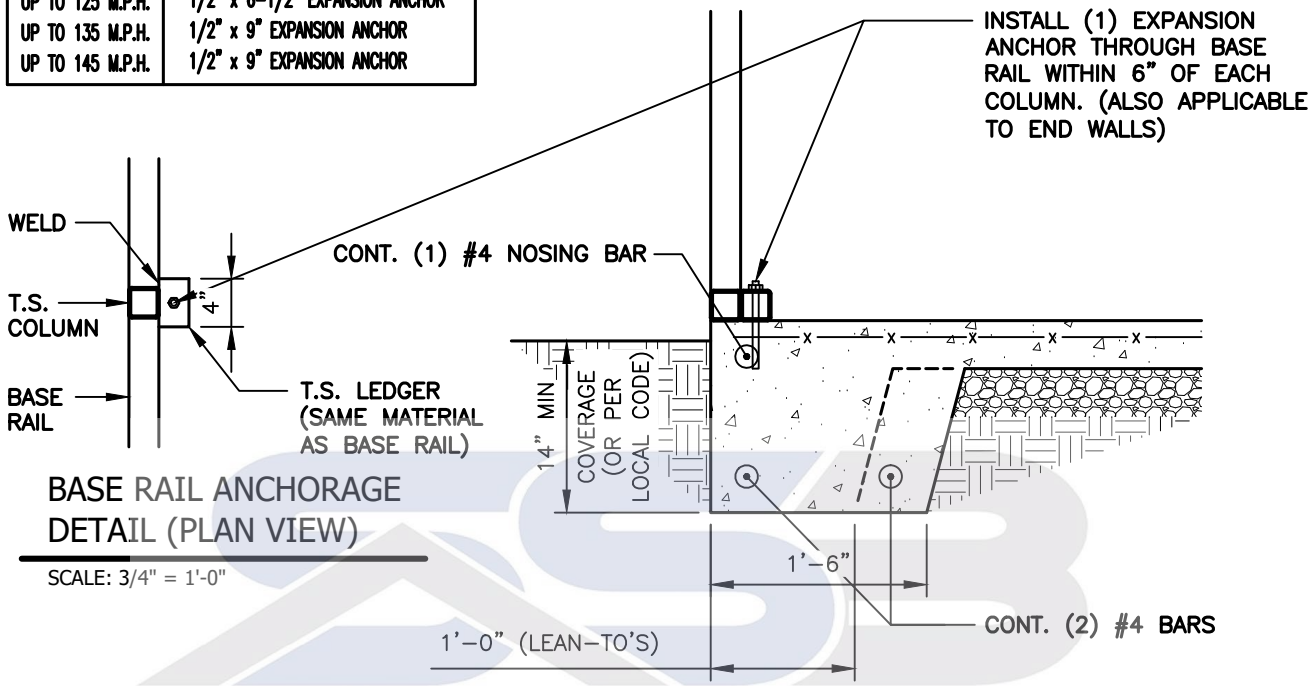
DRAWN BY:	PROJECT NO:
BKS	24-511
DATE: 05.23.24	SHEET NO: S7A

CONCRETE BASE RAIL ANCHORAGE (NO LEDGE)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7B BASE RAIL ANCHORAGE DETAIL

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 MAT BE BENT IN THE SHOP OF 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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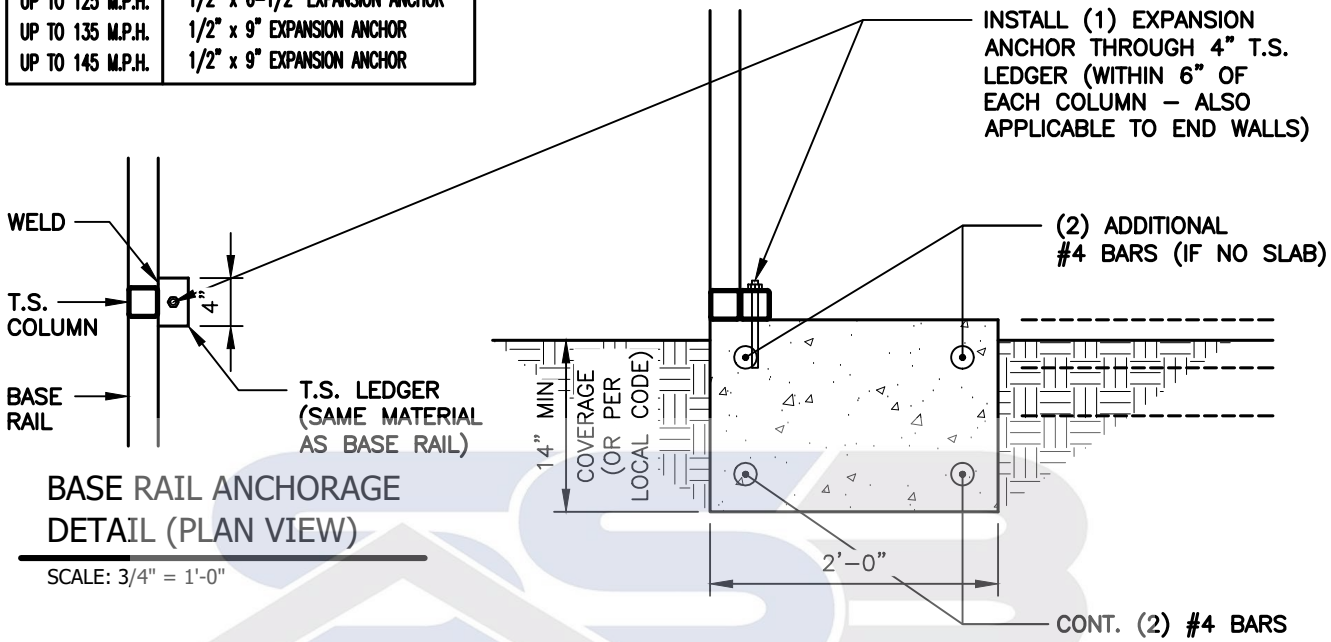
SELECT STEEL BUILDINGS, INC.
2745 STATESVILLE RD.
WILKESBORO, NORTH CAROLINA 28697
TELE: 366-973-0721

DRAWN BY:	PROJECT NO:
BKS	24-511
DATE: 05.23.24	SHEET NO: S7B

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

CONCRETE BASE RAIL ANCHORAGE (NO LEDGE / NO SLAB)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7C 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:
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REINFORCING STEEL:
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REINFORCEMENT MAT BE BENT IN THE SHOP OF 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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TELE: 366-973-0721

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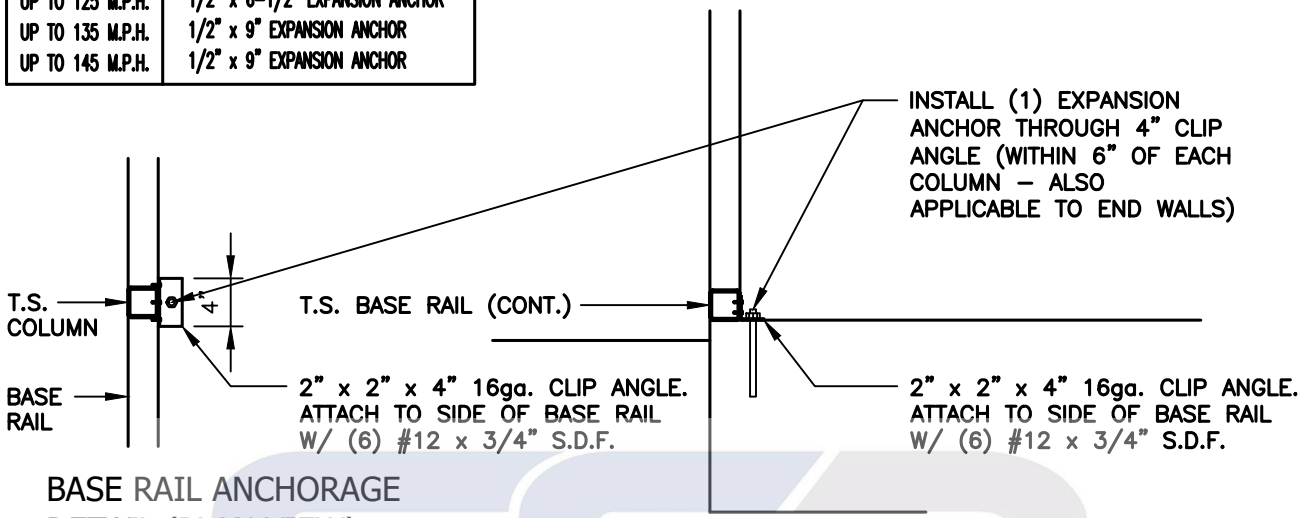
BKS	24-511
DATE: 05.23.24	SHEET NO: S7C

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

CONCRETE BASE RAIL ANCHORAGE (CLIP ANGLE ATTACHMENT OPTION)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7D BASE RAIL ANCHORAGE DETAIL (CLIP ANGLE ATTACHMENT OPTION)

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

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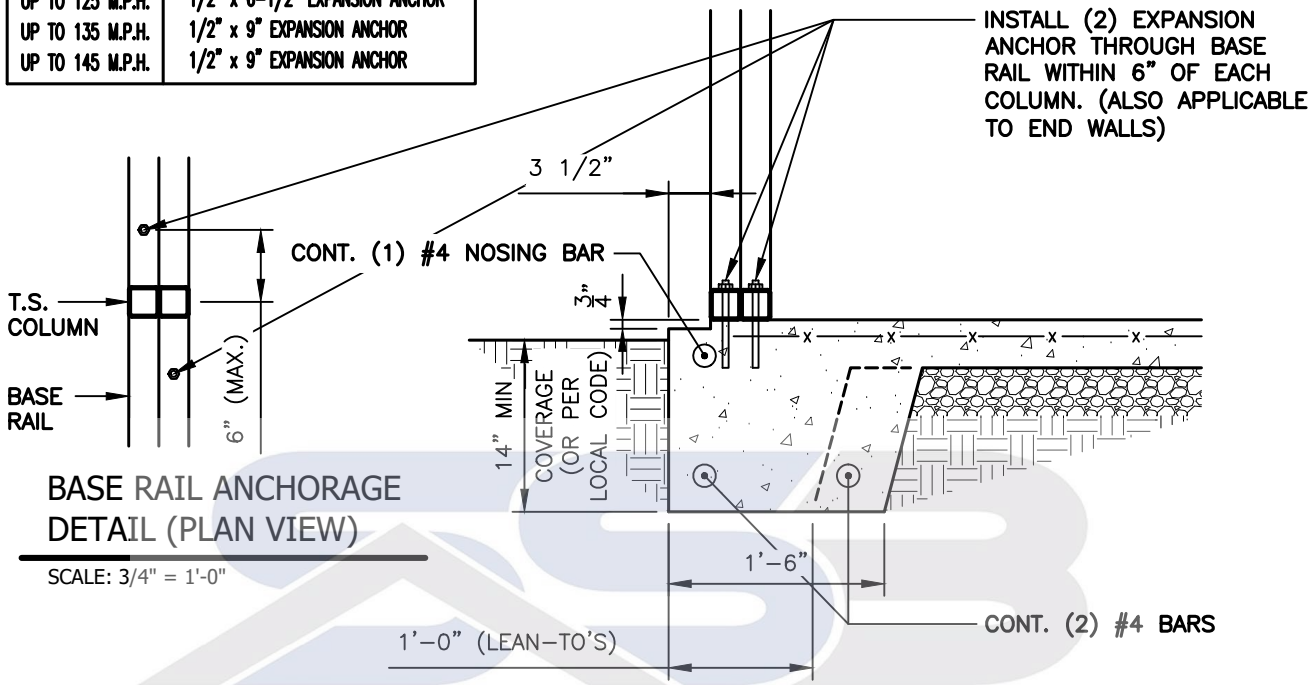
BKS	24-511
DATE: 05.23.24	SHEET NO: S7D

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

CONCRETE BASE RAIL ANCHORAGE

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7E BASE RAIL ANCHORAGE DETAIL

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

GENERAL NOTES:

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

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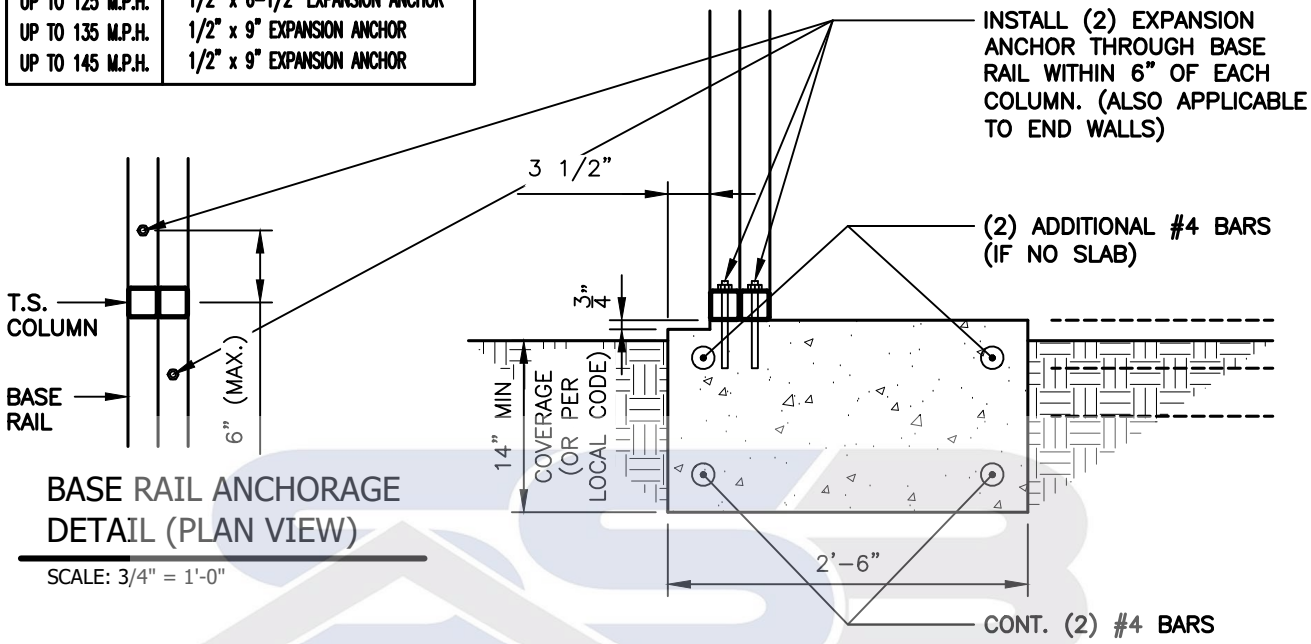
DRAWN BY:	PROJECT NO:
BKS	24-511
DATE: 05.23.24	SHEET NO: S7E

CONCRETE BASE RAIL ANCHORAGE (NO SLAB)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7F BASE RAIL ANCHORAGE DETAIL (NO SLAB)

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

GENERAL NOTES:

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DATE: 05.23.24	SHEET NO: S7F

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

CONCRETE BASE RAIL ANCHORAGE (NO LEDGE)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
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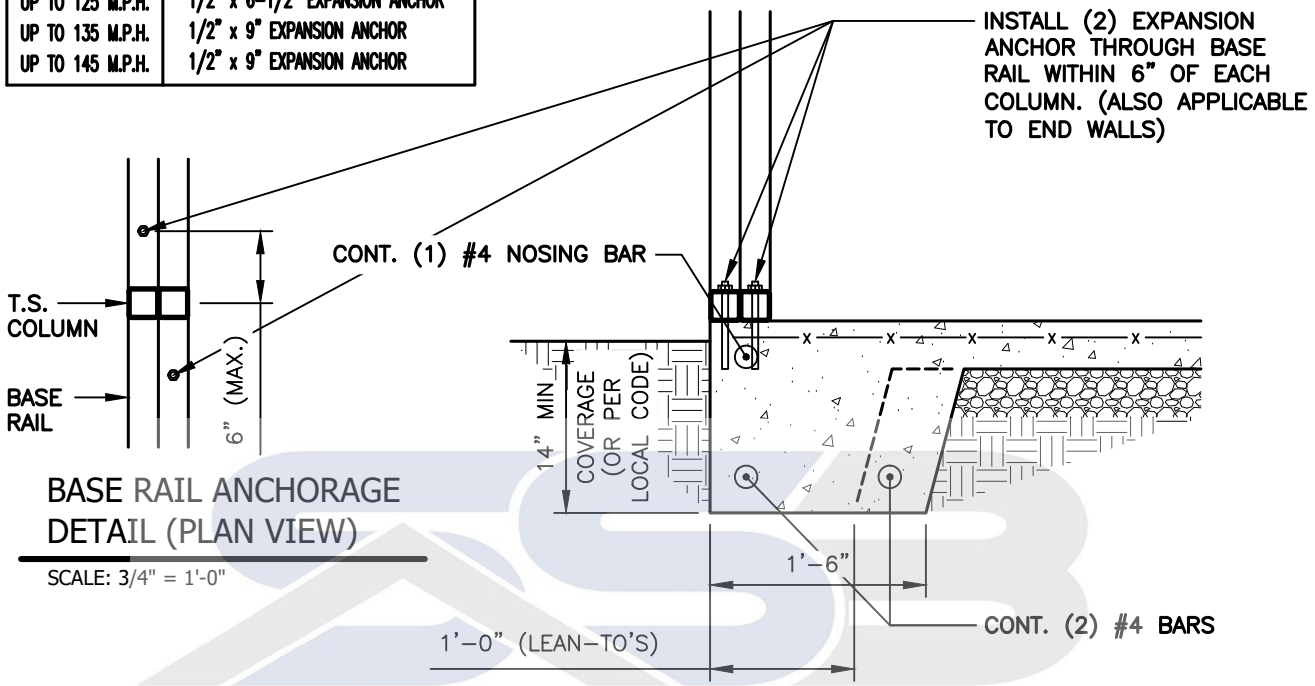
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 / S7G BASE RAIL ANCHORAGE DETAIL

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

GENERAL NOTES:

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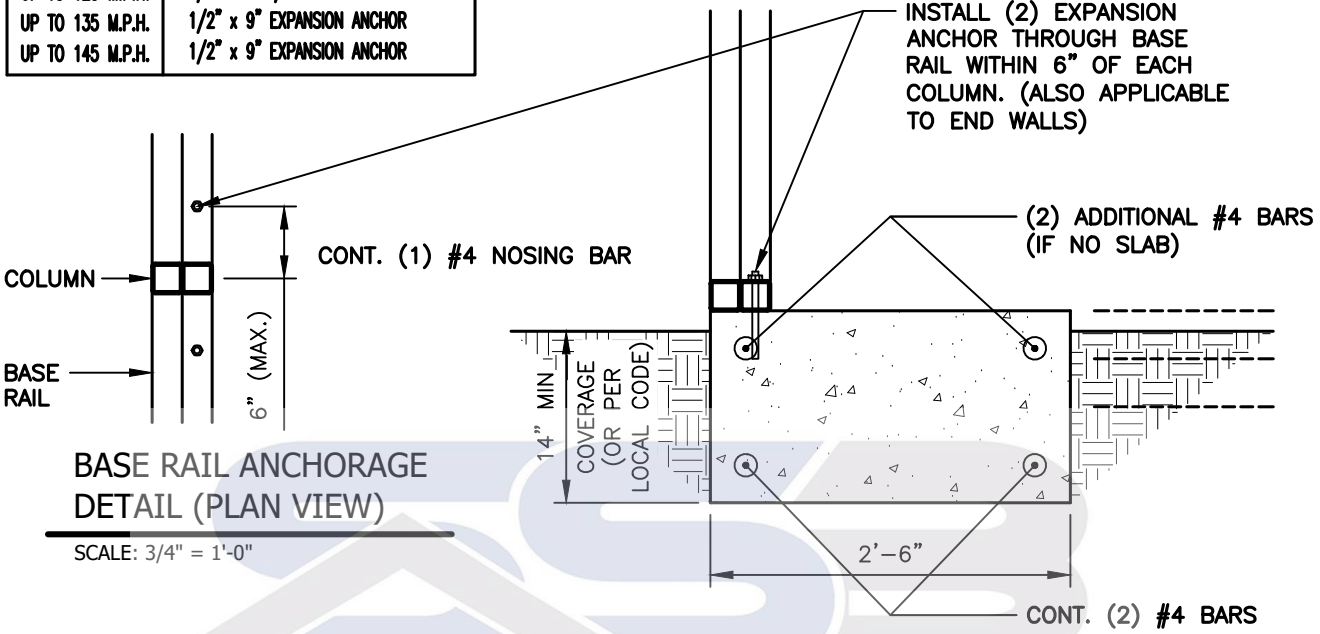
DATE: 05.23.24	SHEET NO: S7G

CONCRETE BASE RAIL ANCHORAGE (NO LEDGE / NO SLAB)

ANCHORAGE BOLT SCHEDULE	
WIND SPEED	BOLT SIZE
UP TO 115 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 125 M.P.H.	1/2" x 6-1/2" EXPANSION ANCHOR
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR
UP TO 145 M.P.H.	1/2" x 9" EXPANSION ANCHOR



BASE RAIL ANCHORAGE DETAIL (PLAN VIEW)

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

1 S7H BASE RAIL ANCHORAGE DETAIL

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

GENERAL NOTES:

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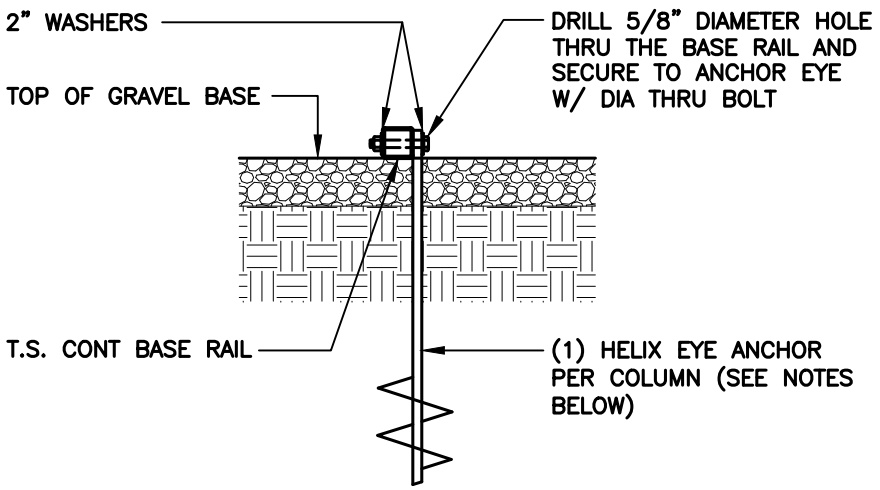
SOIL NAIL BASE RAIL ANCHORAGE



1/S8 BASE RAIL ANCHORAGE DETAIL

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

HELIX EMBEDMENT INFORMATION:

FOR VERY DENSE OR CEMETED SANDS, COARSE GRAVEL, COBBLES, CALICHE, PRELOADED SILT.S. AND CLAYS, USE MIN. (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT – ONE EACH END BASE RAIL AND 20'–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 20'–0"oc MAX. WITH #4 REBAR AT 5'–0"oc BETWEEN.

FOR MED DENSE COARSE SANDS, SANDY GRAVEL, VERY STIFF SILT.S., AND CLAYS, USE MIN (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT – ONE EACH END BASE RAIL AND 20'–0"oc MAX. WITH #4 REBAR AT 5'–0"oc BETWEEN.

FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILT.S., USE MIN (2) 6" HELICES WITH MINIMUM 50" EMBEDMENT – ONE EACH END BASE RAIL AND 20'–0"oc MAX. WITH #4 REBAR AT 5'–0"oc BETWEEN.

FOR VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILT.S. AND ALLUVIAL FILL, USE MIN (2) 8" HELICES WITH MINIMUM 60" EMBEDMENT – ONE EACH END BASE RAIL AND 20'–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.

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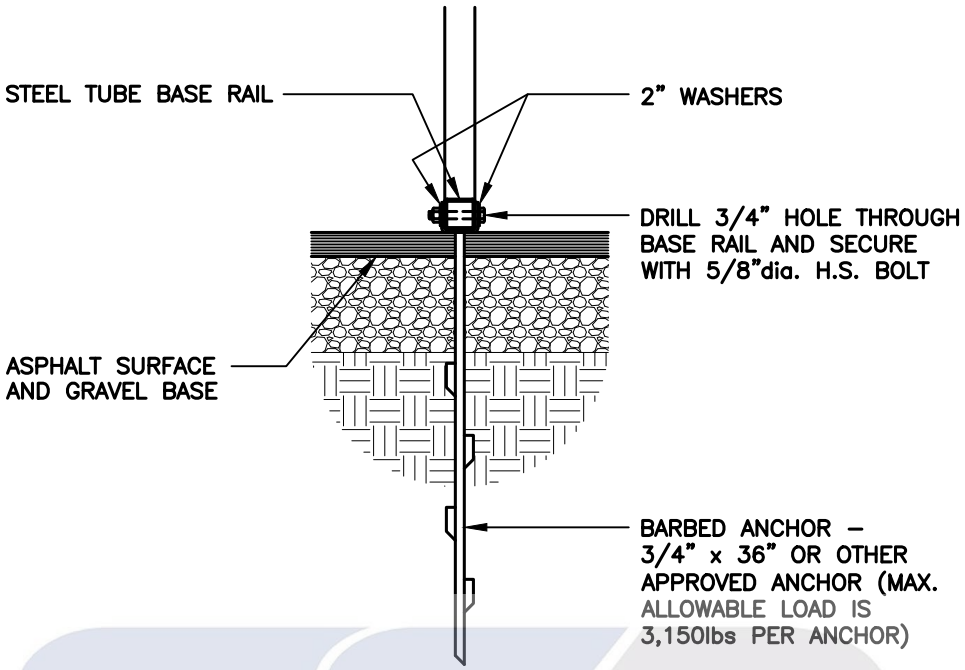

1 / S8A ASPHALT / BASE RAIL ANCHORAGE DETAIL

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

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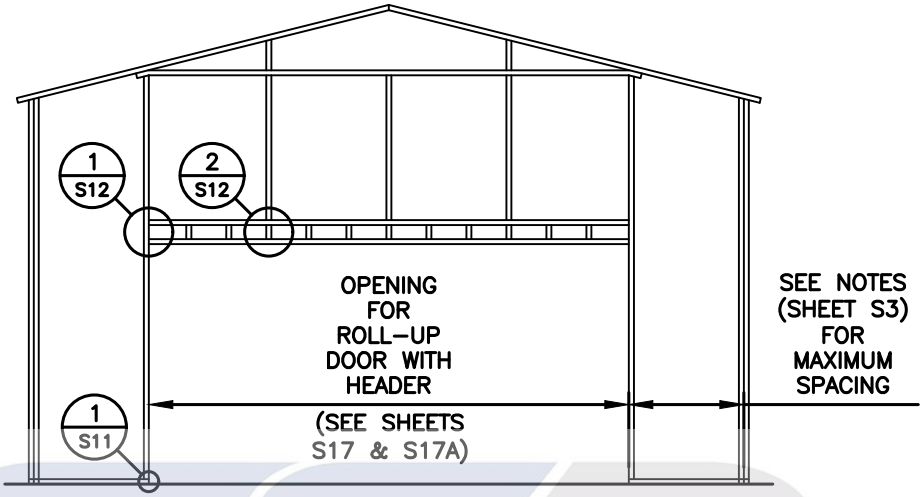
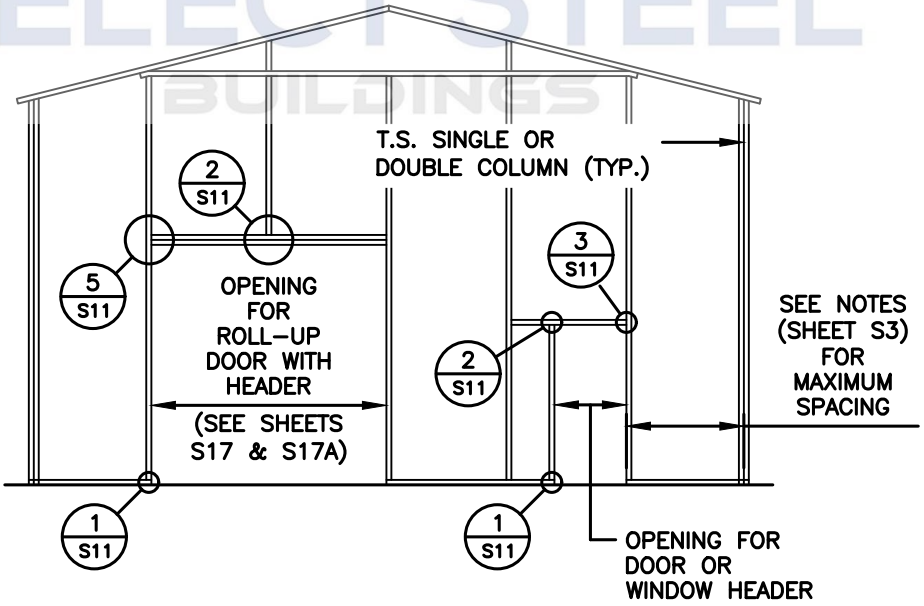
NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDER YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.

BOX EVE RAFTER / END WALL OPENINGS



TYPICAL BOX EVE RAFTER END WALL OPENINGS FRAMING SECTION

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



TYPICAL BOX EVE RAFTER END WALL OPENINGS FRAMING SECTION

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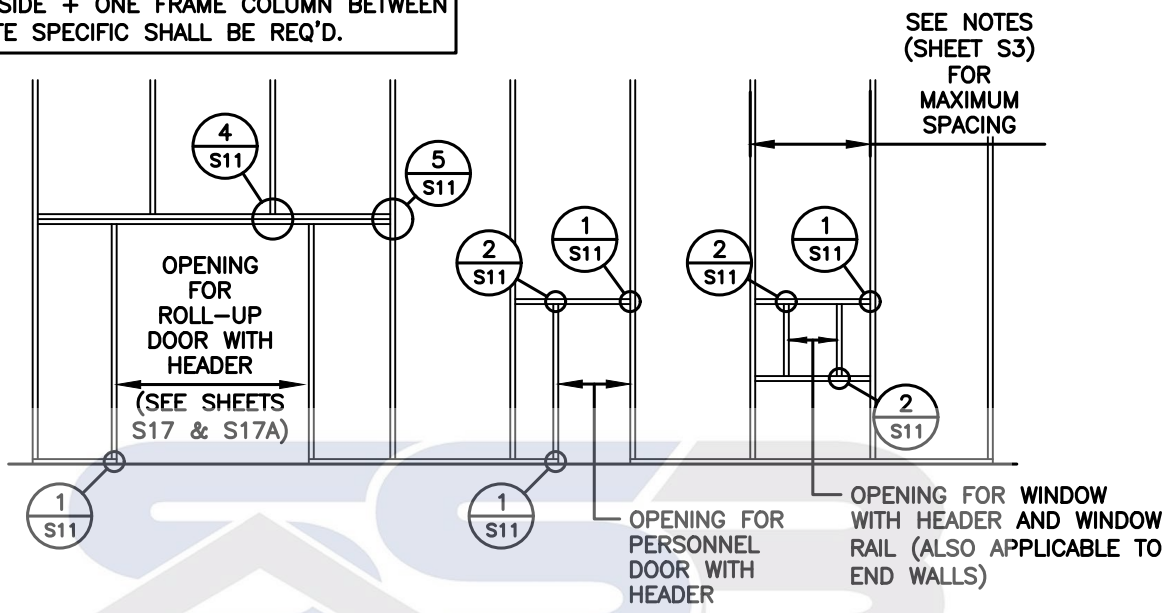
DATE:	SHEET NO:
05.23.24	S9

BOX EAVE RAFTER / SIDE WALL OPENINGS FRAMING

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



TYPICAL SIDE WALL OPENING FRAMING SECTION

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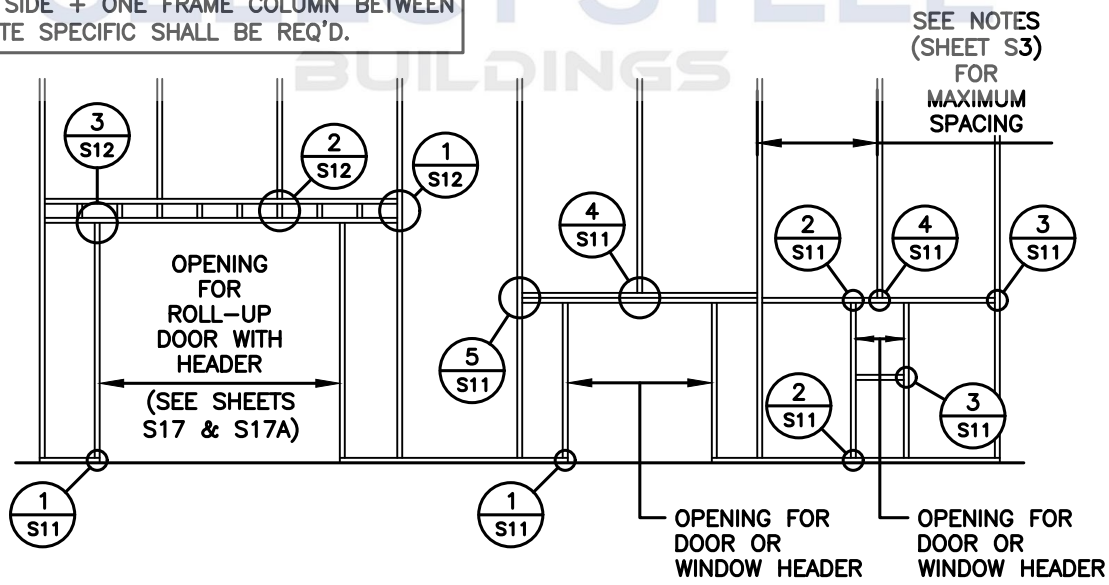
ROLL UP DOORS SHALL HAVE ONE JAMB EACH SIDE + ONE FRAME COLUMN BETWEEN OR SITE SPECIFIC SHALL BE REQ'D.



TYPICAL SIDE WALL OPENING FRAMING SECTION

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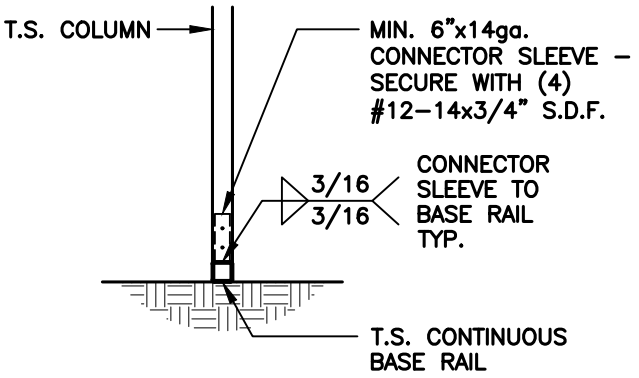
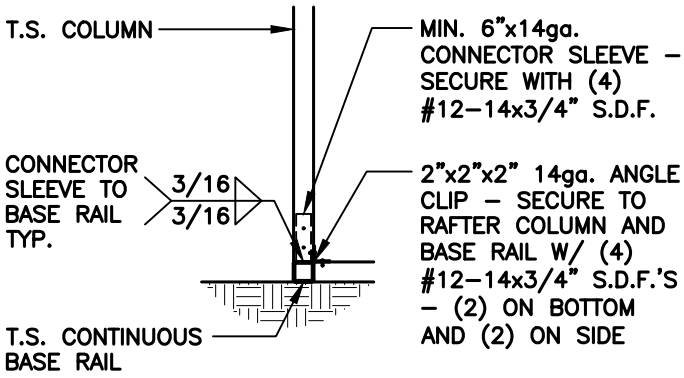
DATE: 05.23.24	SHEET NO: S9A

BASE RAIL CONNECTION DETAILS



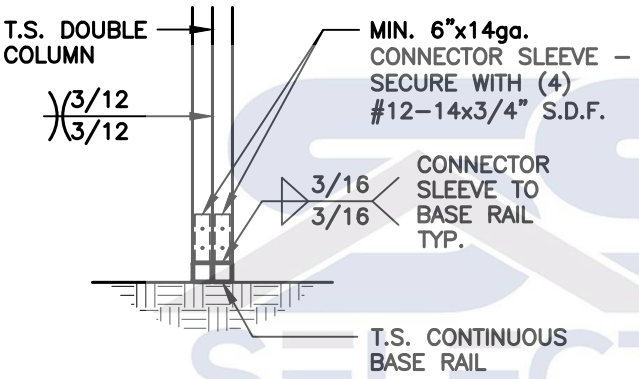
1 S10 COLUMN / BASE RAIL CONNECTION DETAIL

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



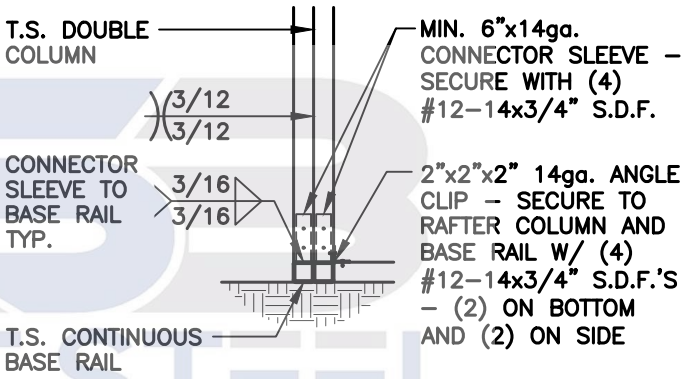
1A S10 END COLUMN / BASE RAIL CONNECTION DETAIL

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



2 S10 COLUMN / BASE RAIL CONNECTION DETAIL

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



2A S10 END COLUMN / BASE RAIL CONNECTION DETAIL

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

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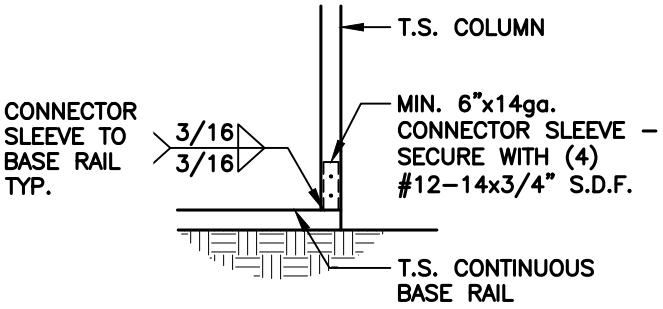
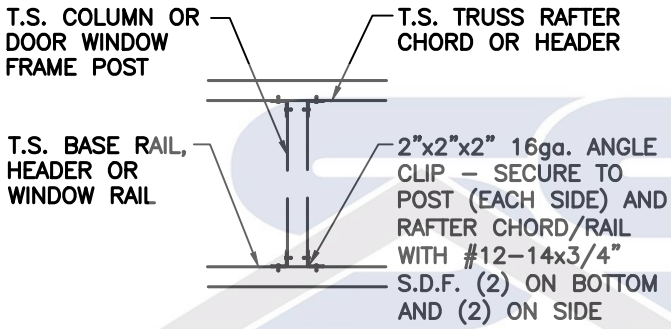
T.S. OPENING CONNECTION DETAILS



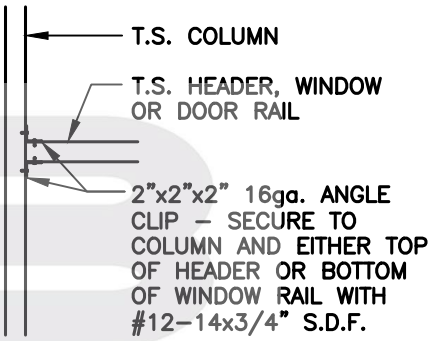
1 S11 COLUMN / BASE RAIL CONNECTION DETAIL

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



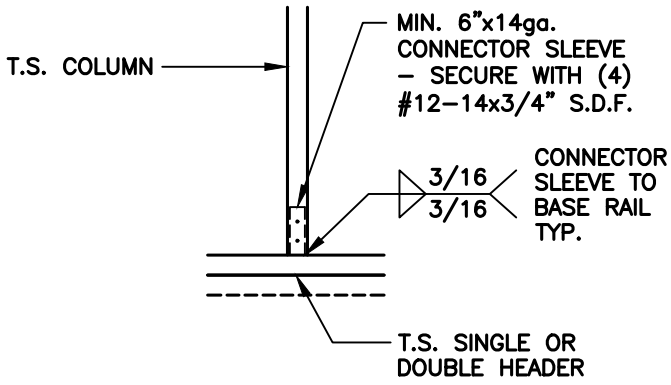
2 S11 TRUSS / HEADER TO POST CONNECTION DETAIL

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



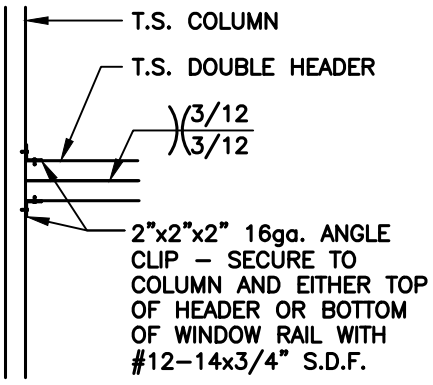
3 S11 HEADER / WINDOW OR DOOR RAIL TO POST CONNECTION DETAIL

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



4 S11 COLUMN / DOUBLE HEADER CONNECTION DETAIL

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



5 S11 DOUBLE HEADER / COLUMN CONNECTION DETAIL

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

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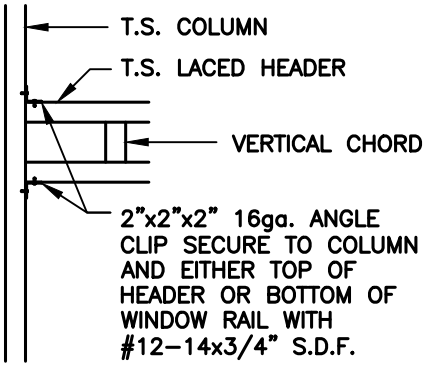
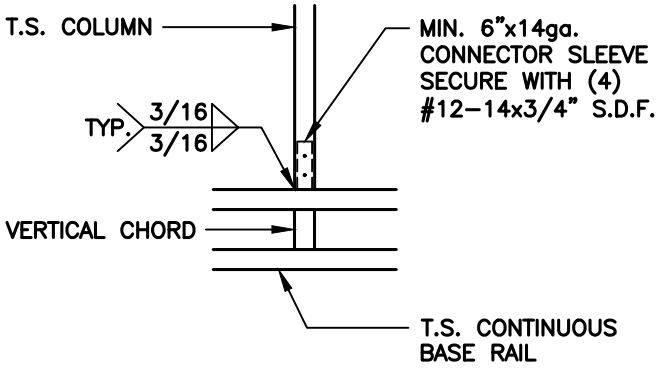
T.S. OPENING CONNECTION DETAILS



1 / S12 COLUMN / LACED HEADER CONNECTION DETAIL

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



2 / S12 LACED HEADER / COLUMN CONNECTION DETAIL

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

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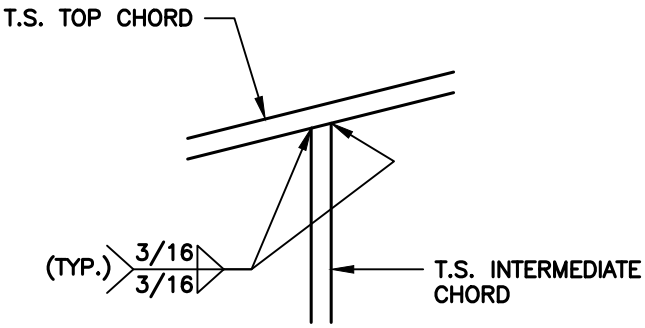
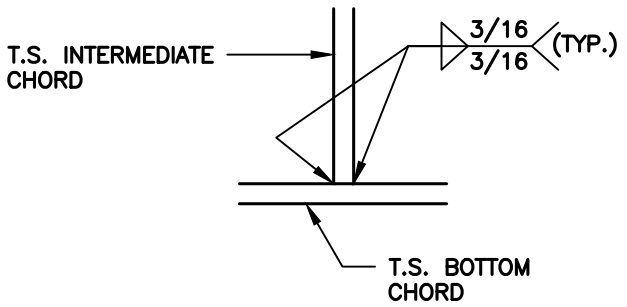
TRUSS CONNECTION DETAILS



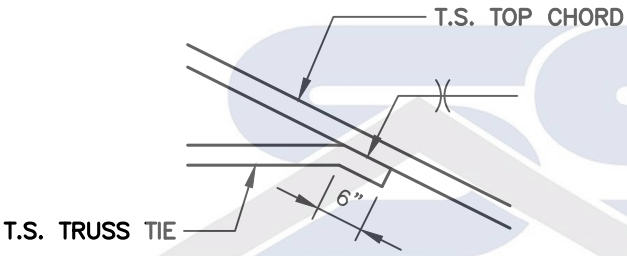
1 / S13 INTERMEDIATE CHORD / TOP CHORD CONNECTION DETAIL

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



2 / S13 INTERMEDIATE CHORD / BOTTOM CHORD CONNECTION DETAIL

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



3 / S13 TRUSS TIE / TOP CHORD CONNECTION DETAIL

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

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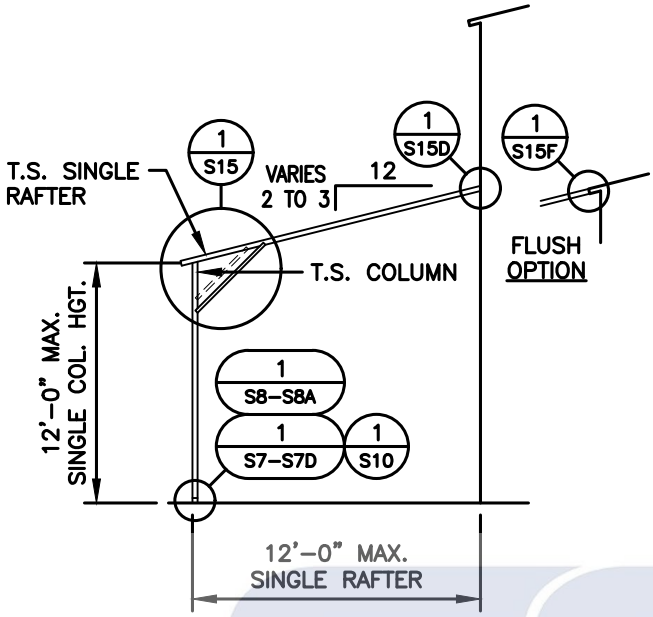
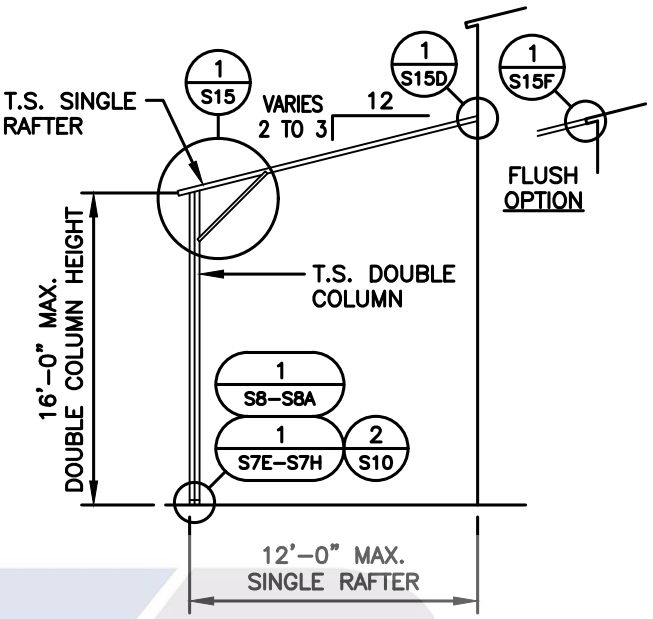
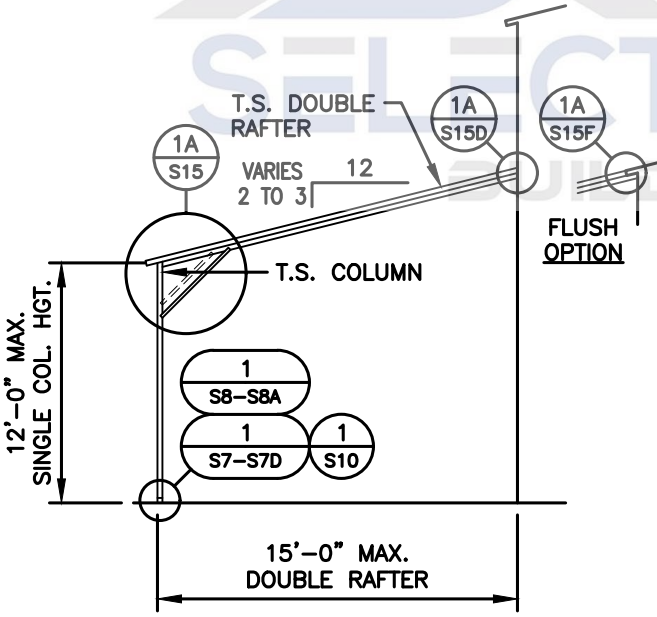
BOX EVE / SINGLE & DOUBLE RAFTER - LEAN-TO OPTIONS



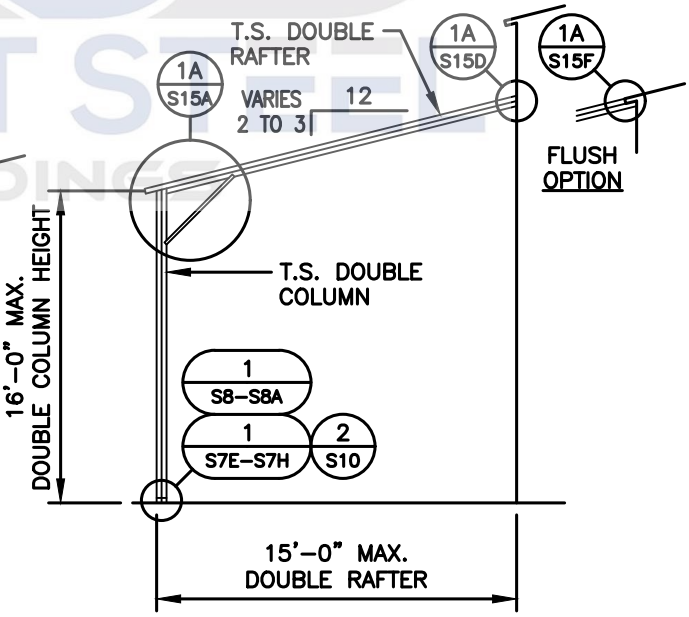
SINGLE RAFTER / SINGLE COLUMN LEAN-TO FRAMING SECTION



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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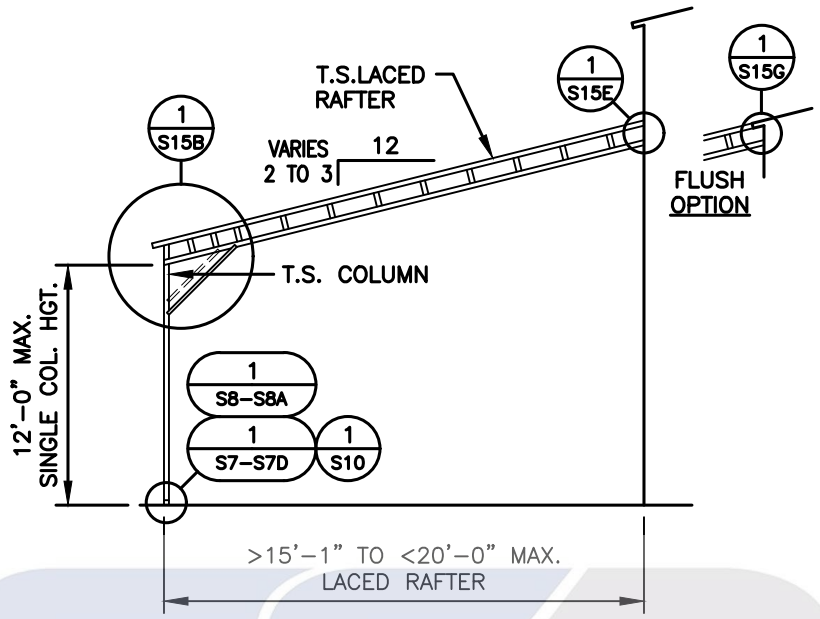
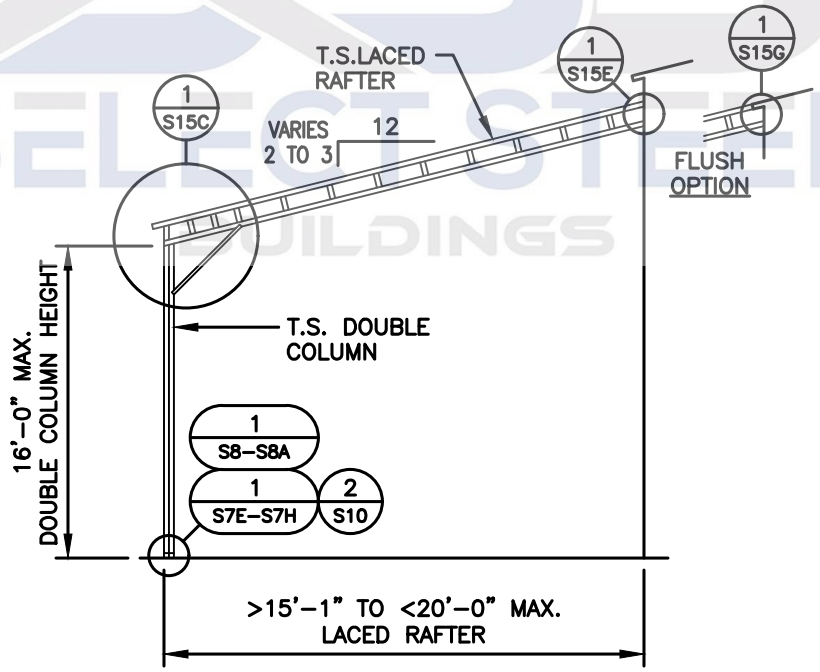
BOX EVE / LACED RAFTER - LEAN-TO OPTIONS



LACED RAFTER / SINGLE COLUMN
LEAN-TO FRAMING SECTION



LACED RAFTER / DOUBLE COLUMN
LEAN-TO FRAMING SECTION

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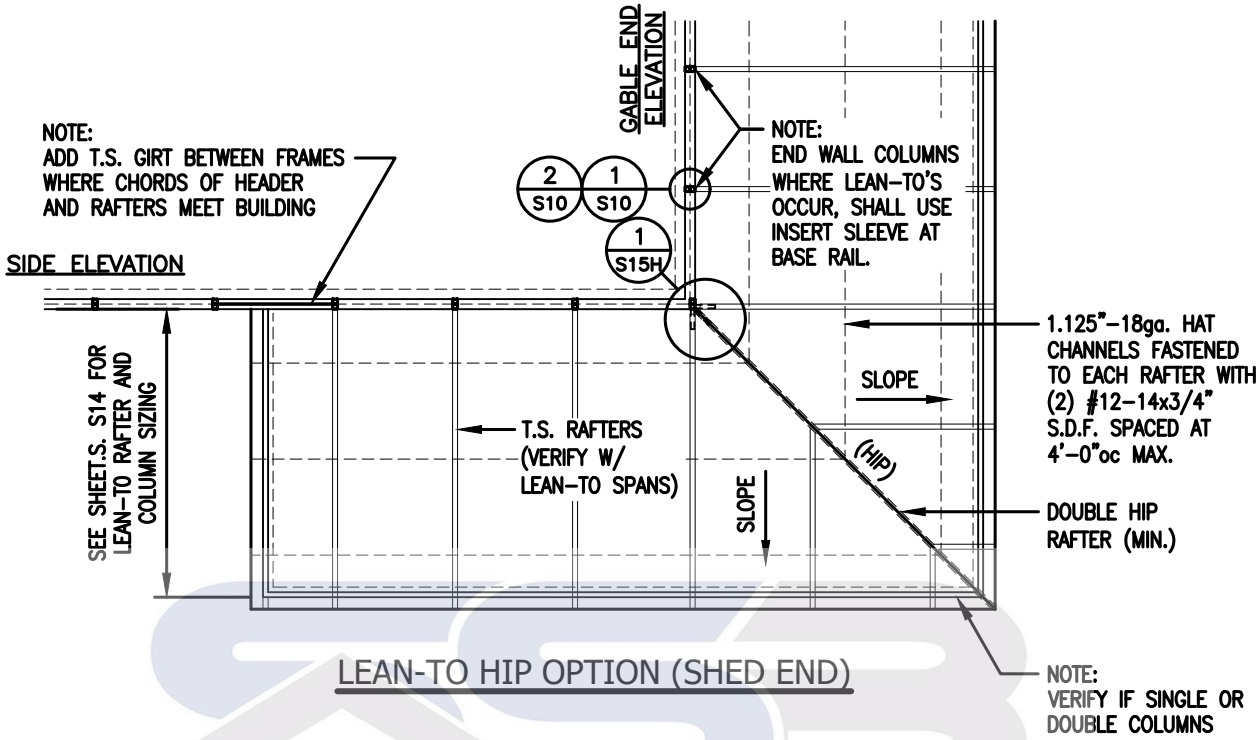
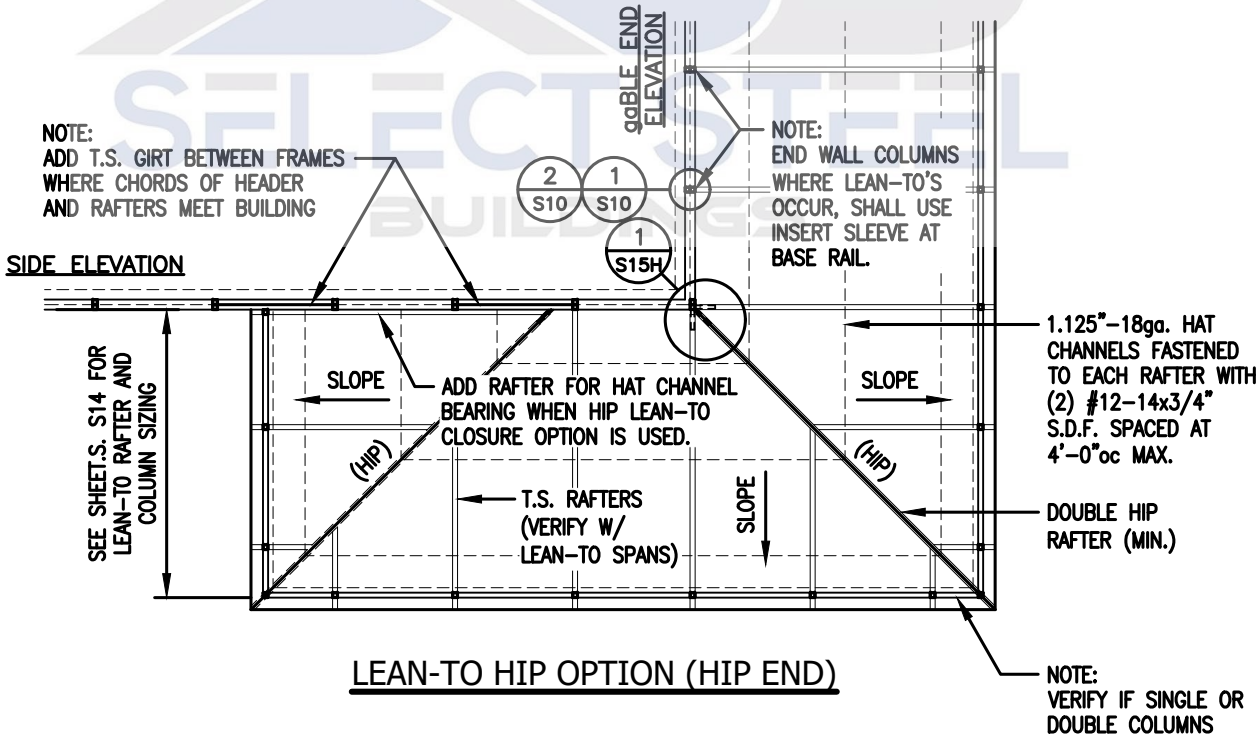
LEAN-TO 'HIP' OPTIONS



LEAN-TO HIP OPTION (SHED END)



LEAN-TO HIP OPTION (HIP END)

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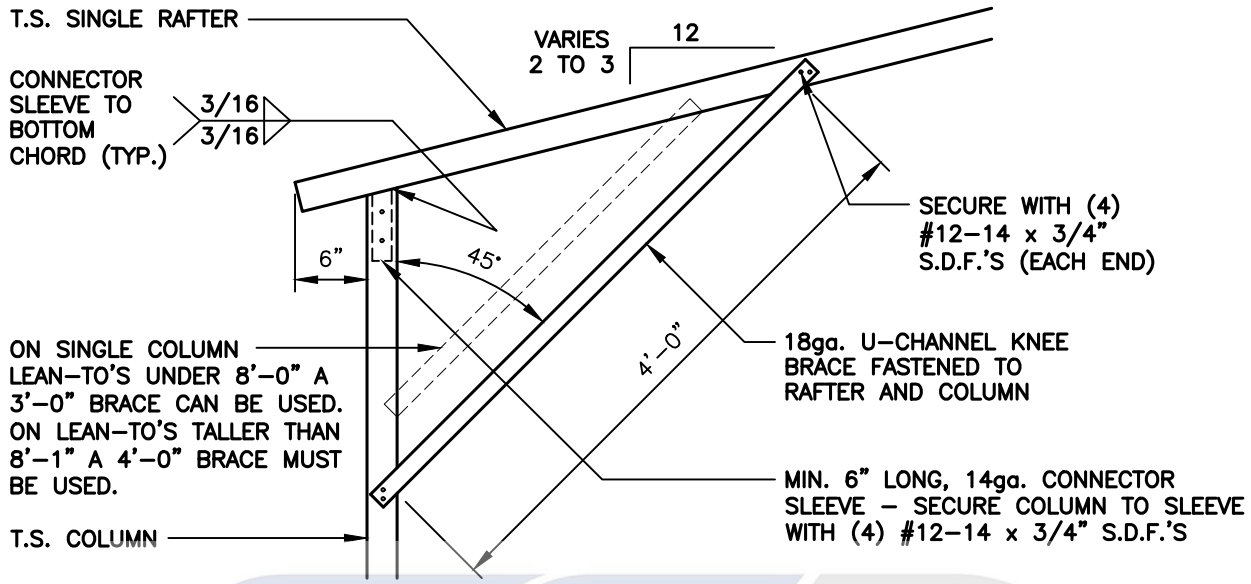
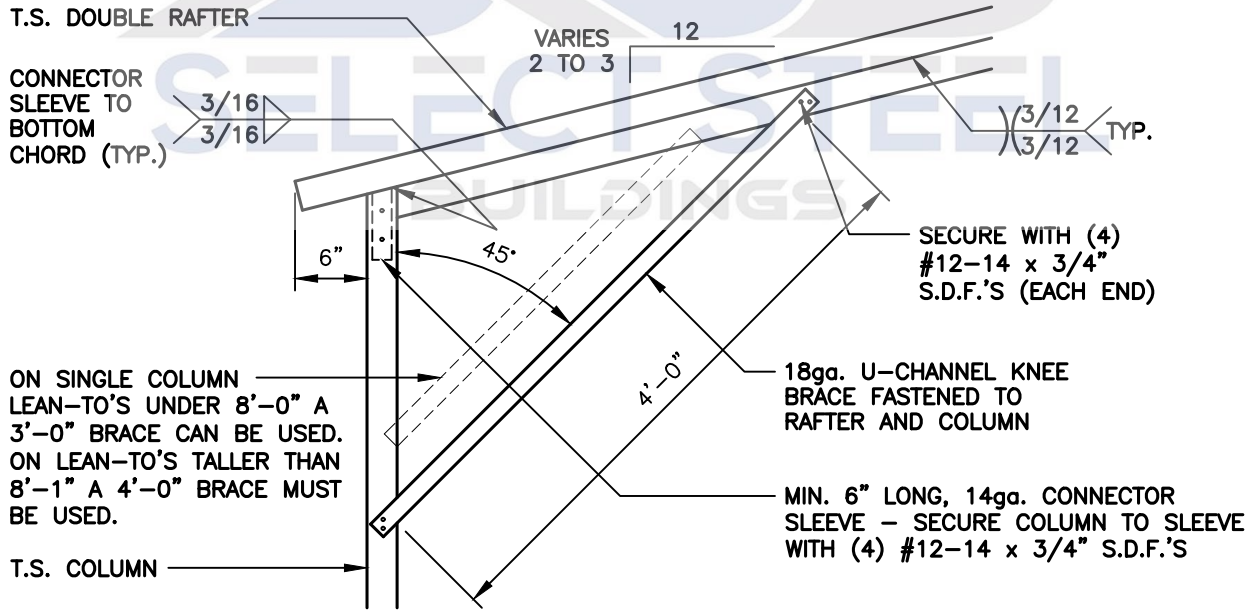
LEAN-TO CONNECTION DETAILS - SINGLE COLUMN



1 / S15 LEAN-TO SINGLE RAFTER / SINGLE COLUMN CONNECTION DETAIL

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



1A / S15 LEAN-TO DOUBLE RAFTER / SINGLE COLUMN CONNECTION DETAIL

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

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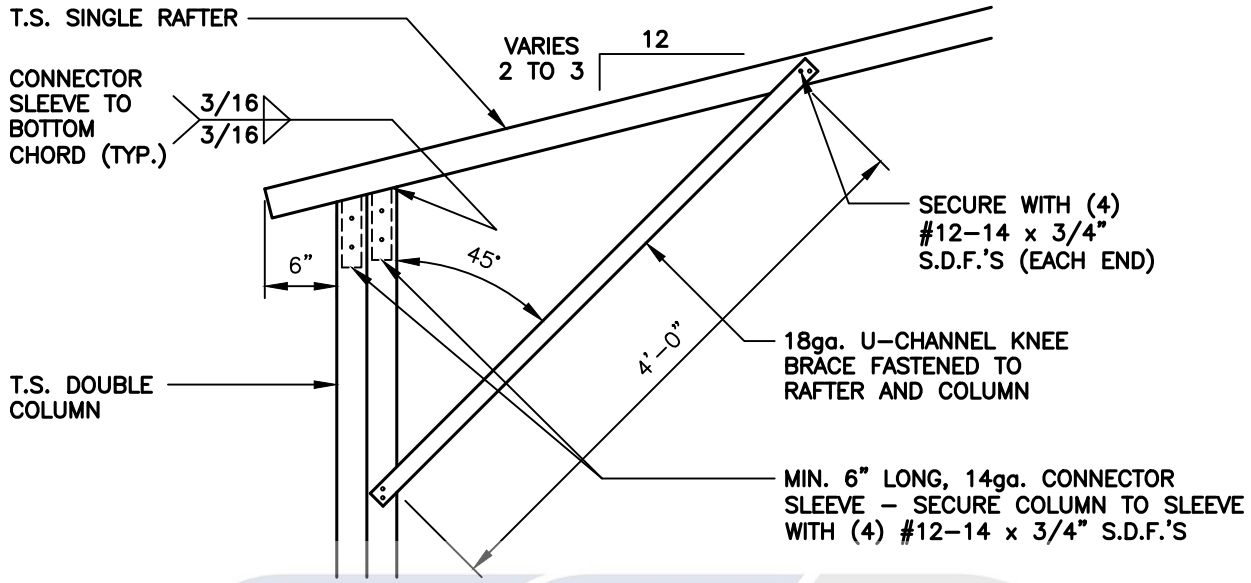
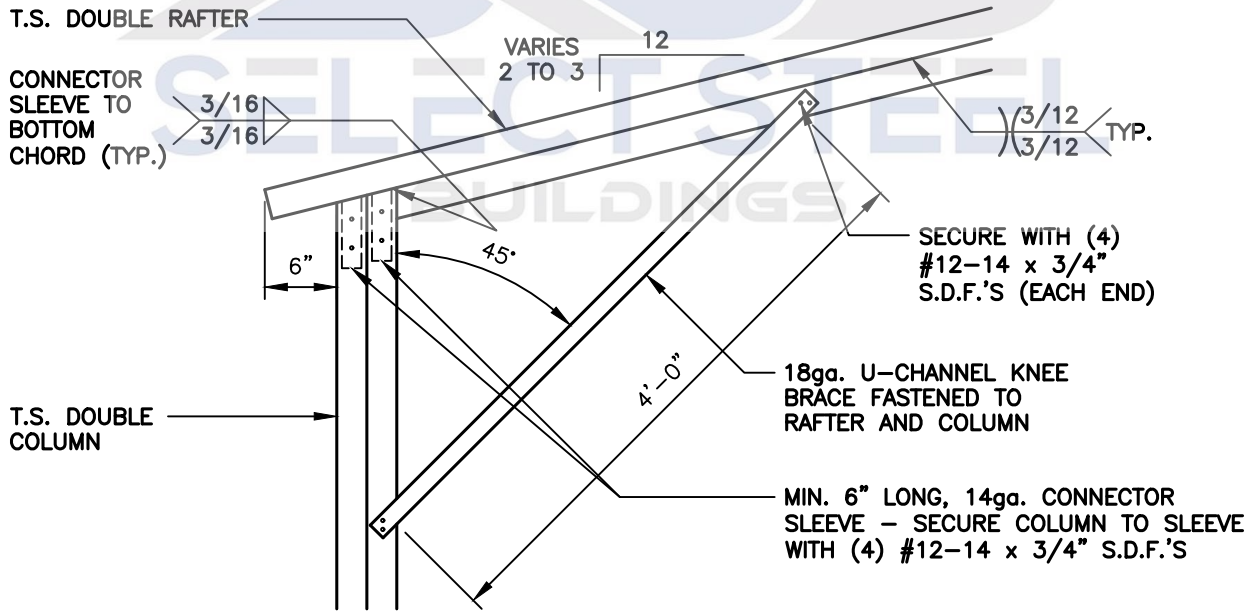
LEAN-TO CONNECTION DETAILS - DOUBLE COLUMN



1 / S15A

LEAN-TO SINGLE RAFTER / DOUBLE COLUMN CONNECTION DETAIL

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



1A / S15A

LEAN-TO DOUBLE RAFTER / DOUBLE COLUMN CONNECTION DETAIL

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

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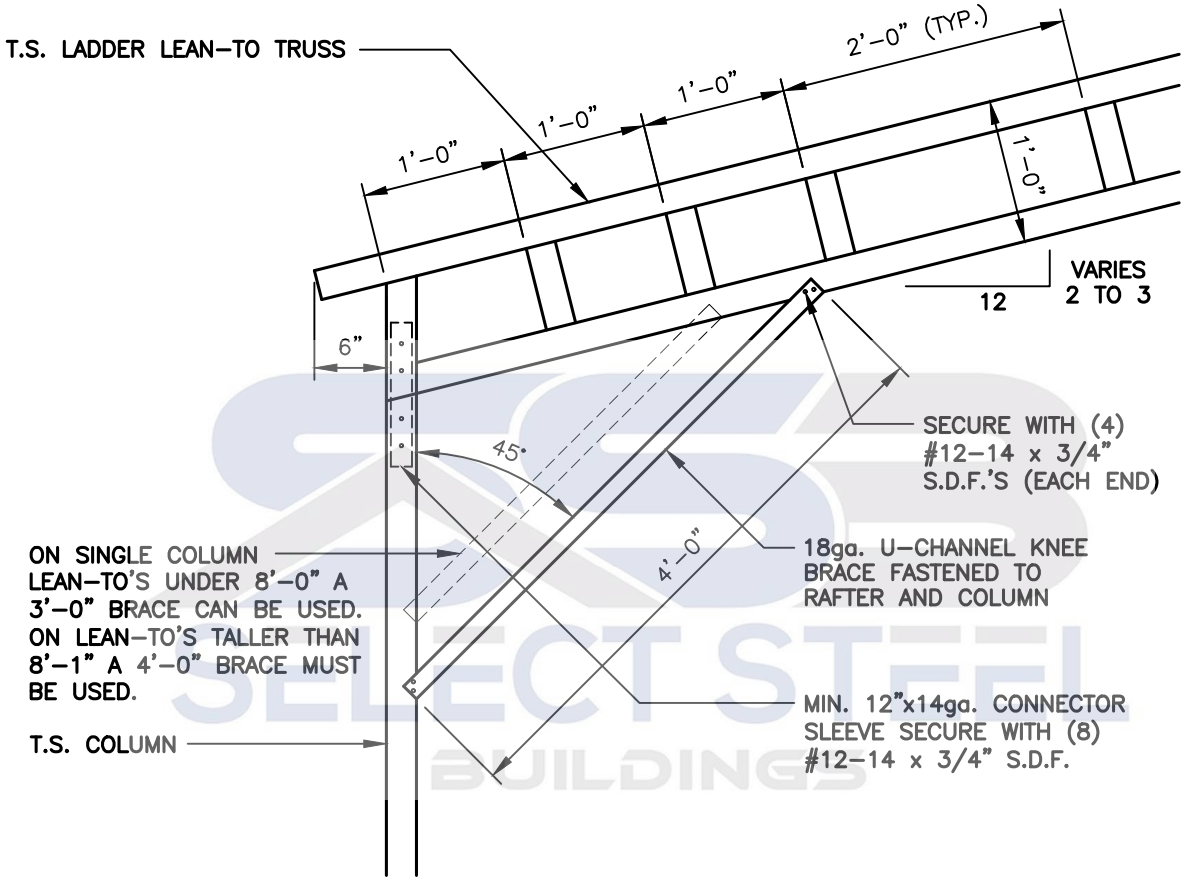
LEAN-TO CONNECTION DETAILS - LACED RAFTER / SINGLE COLUMN



1 / S15B

LEAN-TO LACED RAFTER / SINGLE COLUMN CONNECTION DETAIL

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

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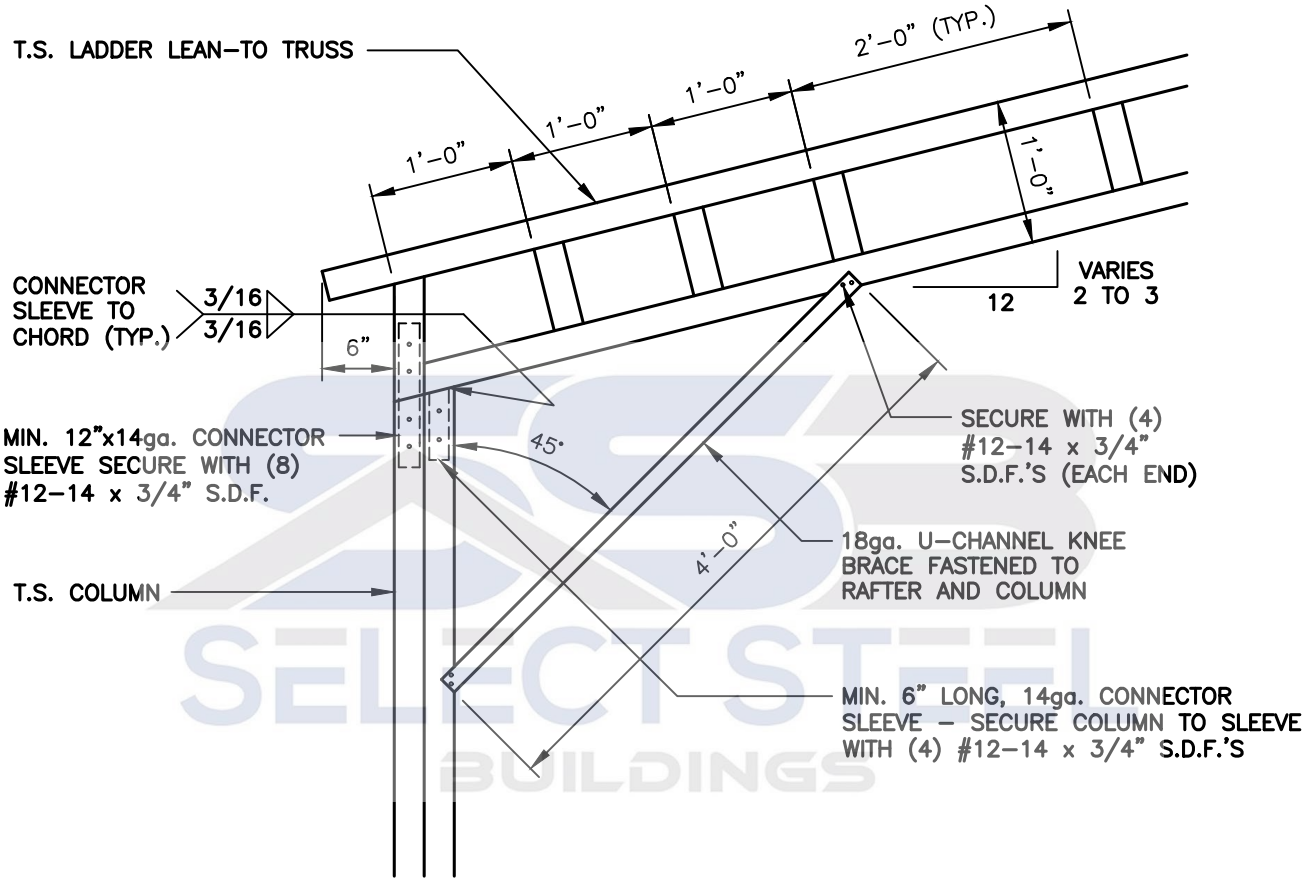
LEAN-TO CONNECTION DETAILS - LACED RAFTER / DOUBLE COLUMN



LEAN-TO LACED RAFTER / DOUBLE COLUMN CONNECTION DETAIL

1 / S15C

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

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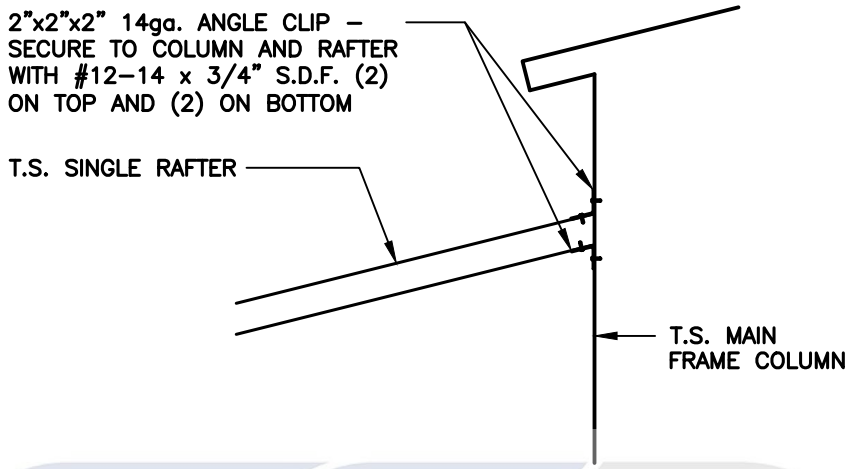
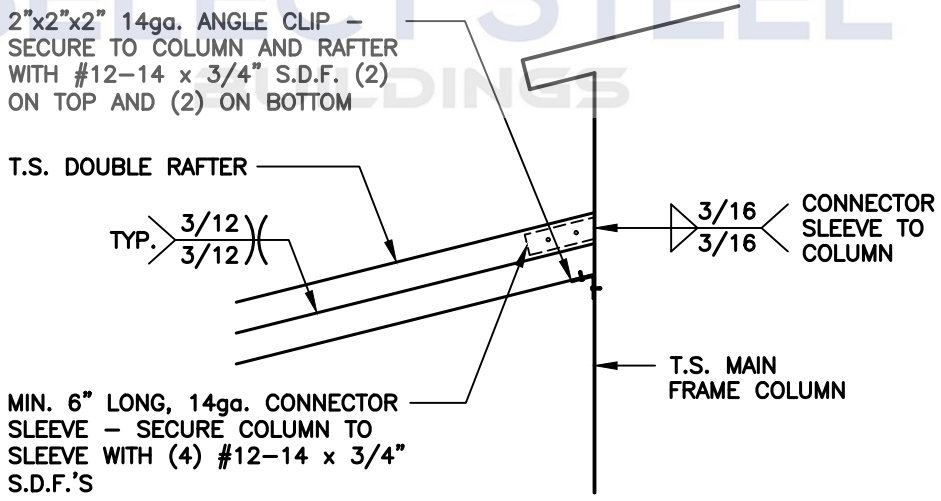
LEAN-TO / MAIN FRAME CONNECTION DETAILS



1 / S15D — LEAN-TO SINGLE RAFTER / BUILDING FRAME CONNECTION DETAIL

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



1A / S15D — LEAN-TO DOUBLE RAFTER / BUILDING FRAME CONNECTION DETAIL

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

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DATE: 05.23.24	SHEET NO: S15D

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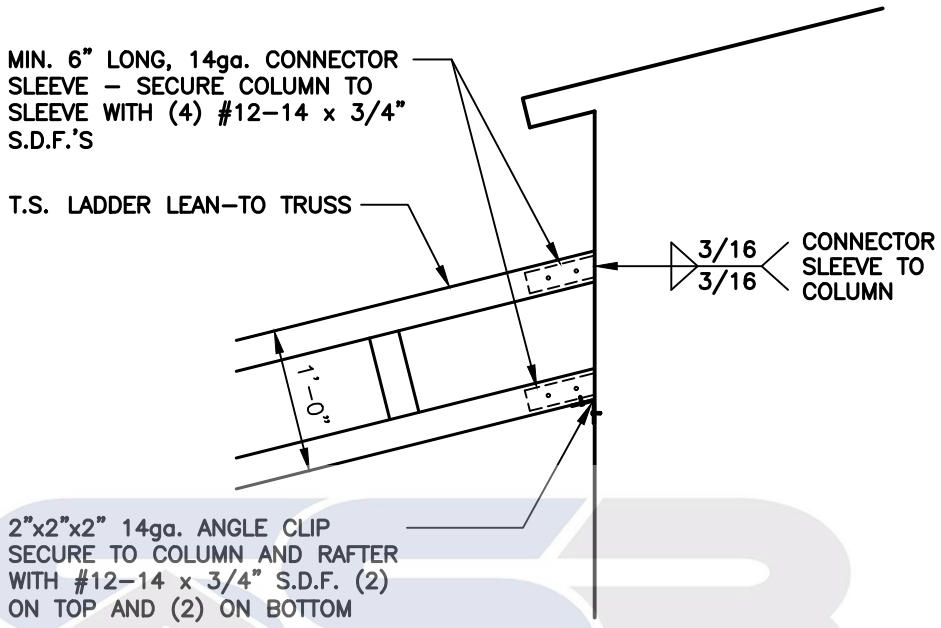
LEAN-TO / MAIN FRAME CONNECTION DETAILS



1 / S15E

LEAN-TO SINGLE RAFTER / BUILDING FRAME CONNECTION DETAIL

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

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TELE: 366-973-0721

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DATE: 05.23.24	SHEET NO: S15E

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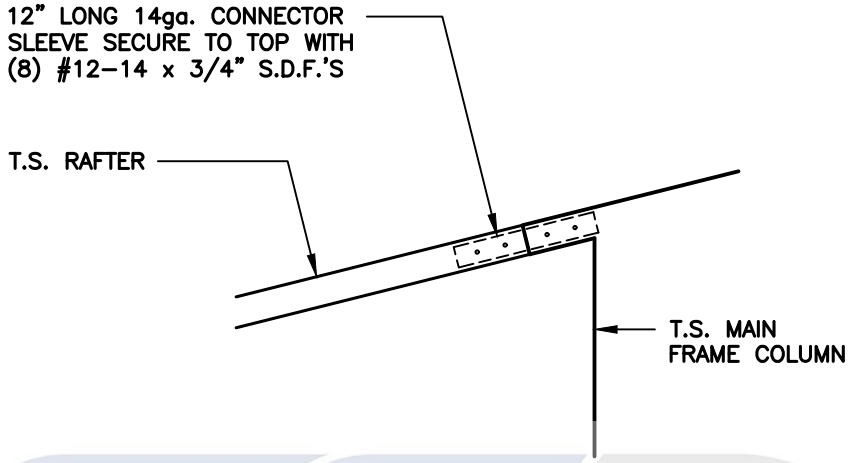
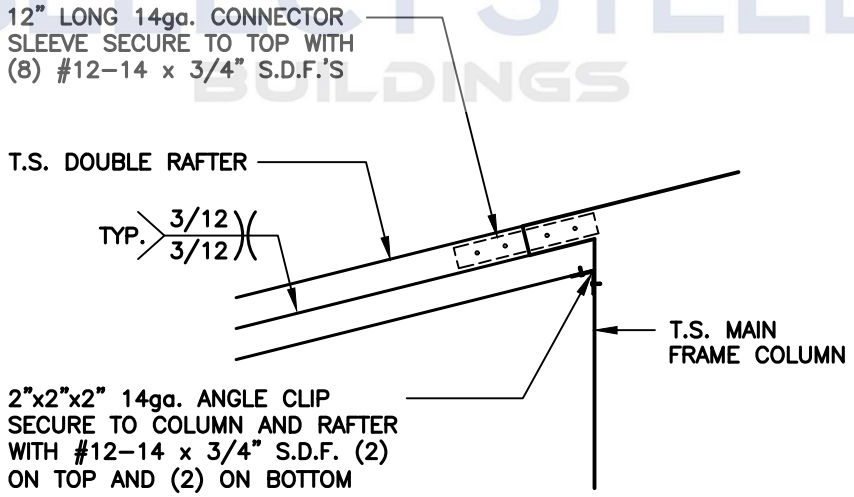
LEAN-TO / MAIN FRAME CONNECTION DETAILS



1 / S15F — LEAN-TO SINGLE RAFTER / BUILDING FRAME (FLUSH) CONNECTION DETAIL

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



1A / S15F — LEAN-TO SINGLE RAFTER / BUILDING FRAME (FLUSH) CONNECTION DETAIL

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

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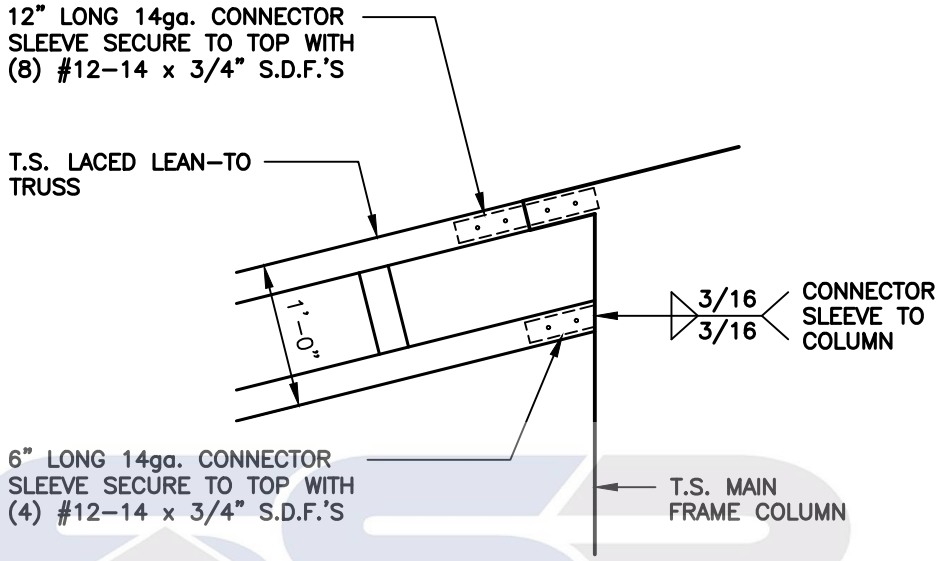
LEAN-TO / MAIN FRAME CONNECTION DETAILS



1 / S15G LEAN-TO SINGLE RAFTER / BUILDING FRAME (FLUSH) CONNECTION DETAIL

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

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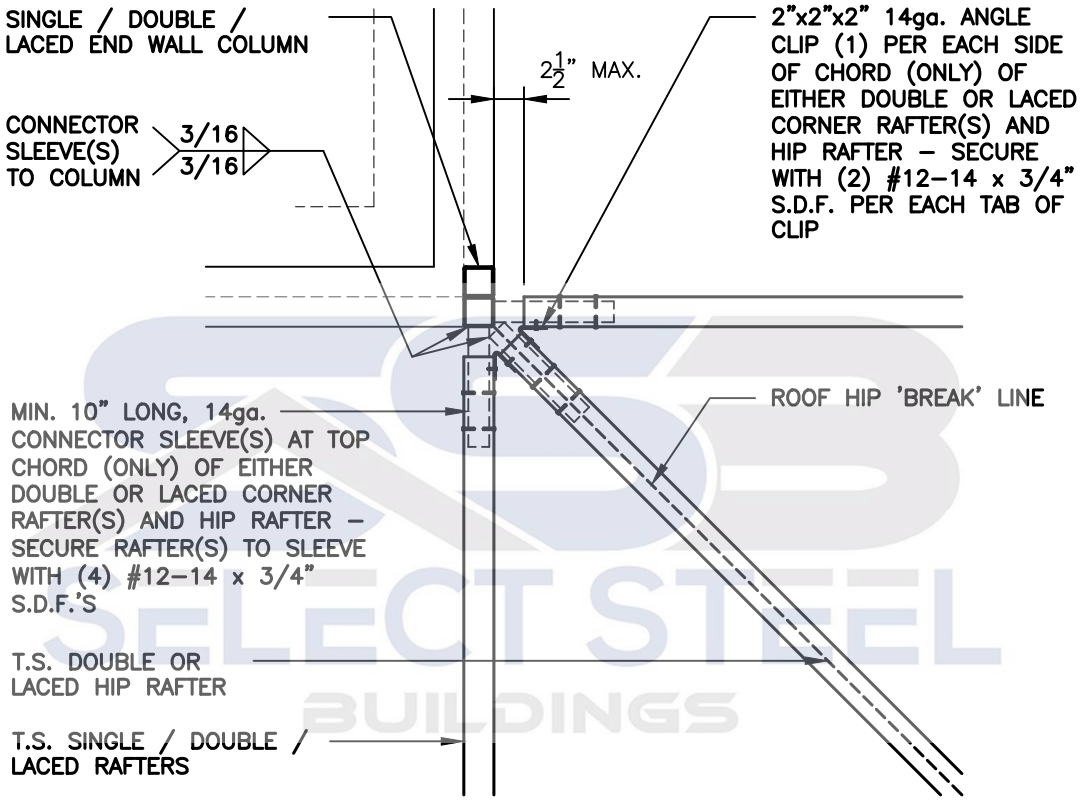
END WALL COLUMN / HIP RAFTER CONNECTION DETAIL



1 / S15H

END WALL COLUMN / HIP RAFTER CONNECTION DETAIL

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

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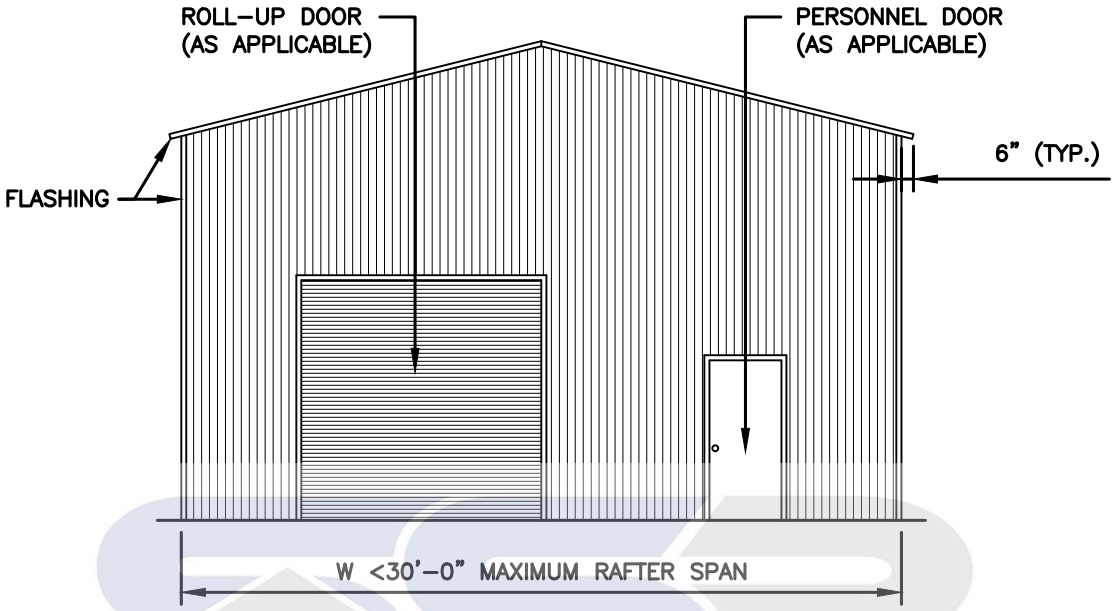
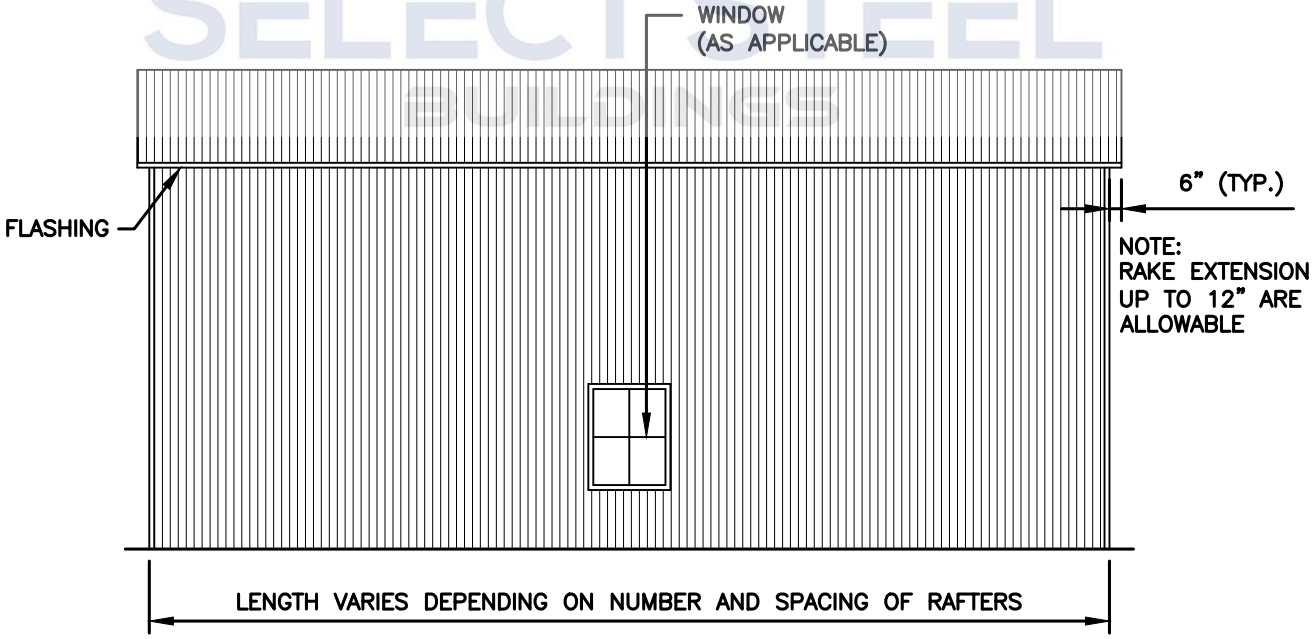
VERTICAL ROOF / SIDING OPTION



TYPICAL END ELEVATION



TYPICAL SIDE ELEVATION

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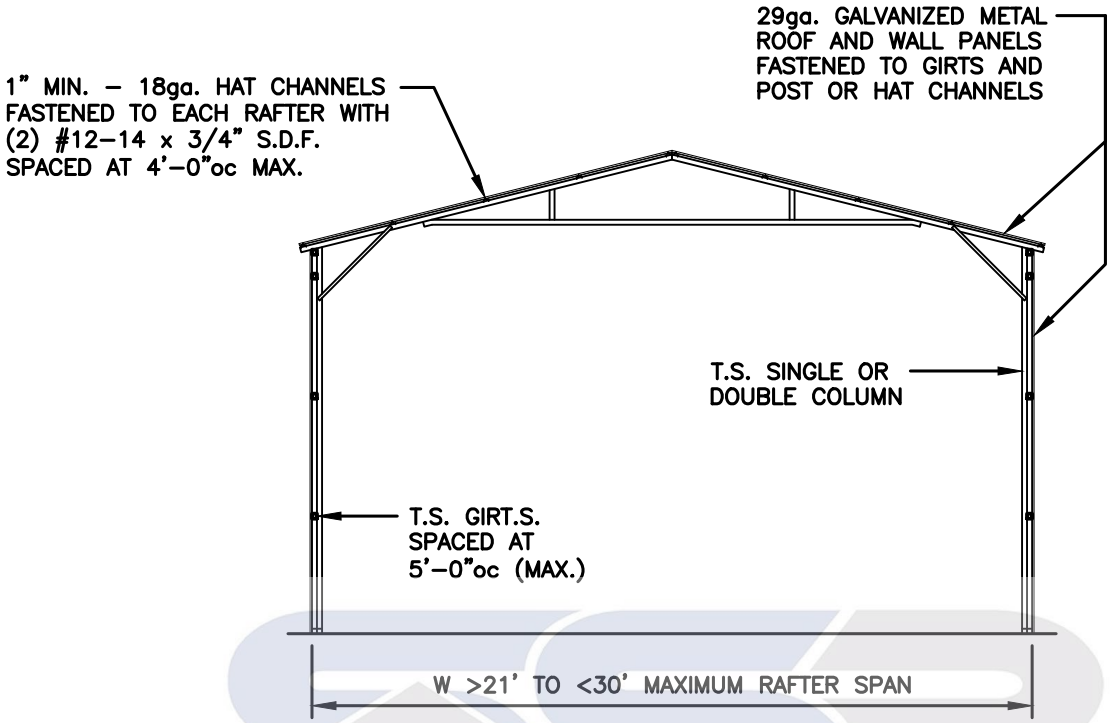
VERTICAL ROOF / SIDING OPTION



TYPICAL SECTION VERTICAL ROOF / SIDING OPTION

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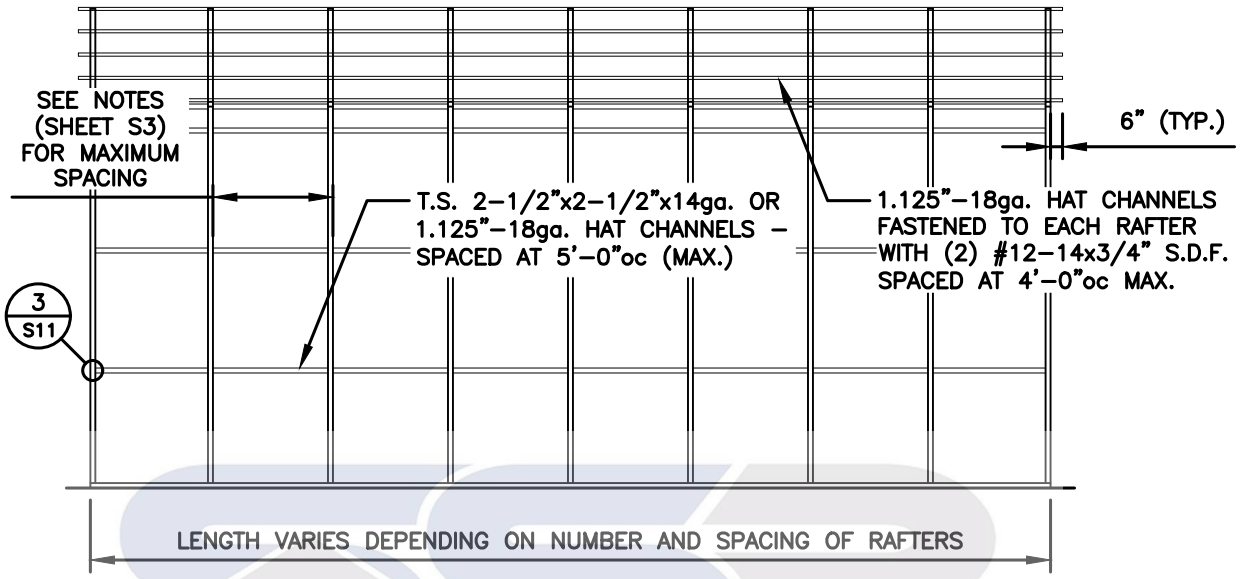
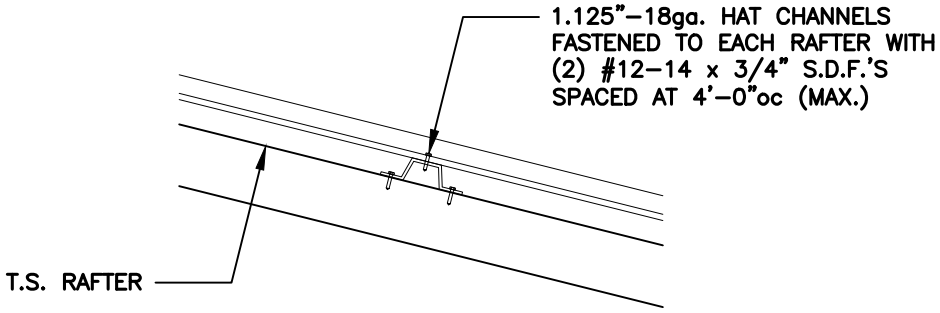
VERTICAL ROOF / SIDING OPTION



TYPICAL SIDE FRAMING SECTION VERTICAL ROOF / SIDING OPTION



(TYPICAL) ROOF PANEL ATTACHMENT

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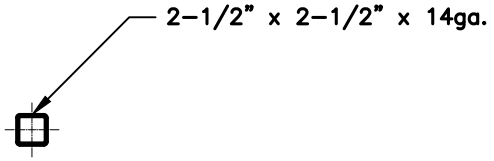
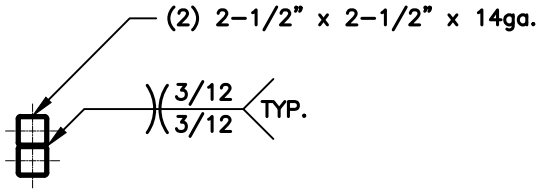
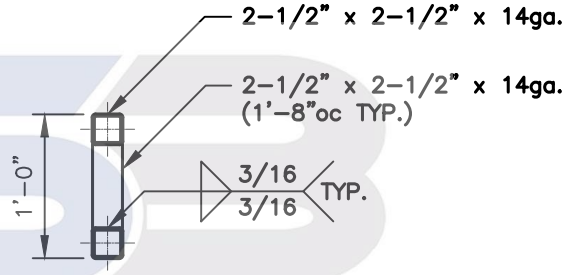
SIDE WALL HEADER OPTIONS



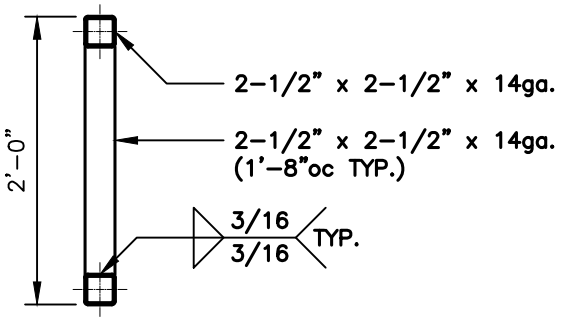
LACED HEADER DETAIL FOR
OPENINGS <4'-0"



LACED HEADER DETAIL FOR
OPENINGS >4'-0" TO <12'-0"



LACED HEADER DETAIL FOR
OPENINGS >12'-1" TO <16'-0"



LACED HEADER DETAIL FOR
OPENINGS >15'-1" TO <20'-0"

GENERAL NOTE:

PROVIDE DOUBLE WYTHE HEADER ON DOUBLE COLUMNS.

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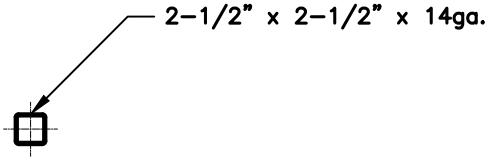
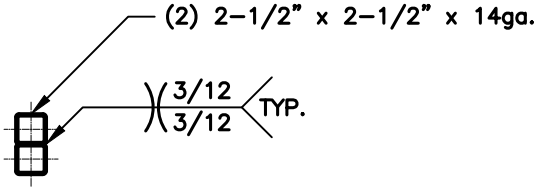
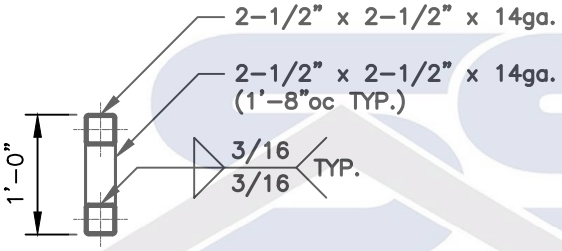
END WALL HEADER OPTIONS



LACED HEADER DETAIL FOR OPENINGS <7'-0"



LACED HEADER DETAIL FOR OPENINGS >7'1" TO <16'-0"



LACED HEADER DETAIL FOR OPENINGS >16'-1" TO <20'-0"

GENERAL NOTE:

PROVIDE DOUBLE WYTHE HEADER ON DOUBLE COLUMNS

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