

ENCLOSED GABLE END BUILDING

MAXIMUM >31' TO <50'-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: MARCH 03, 2024









INDEX OF DRAWINGS

COVERSHEET

- INDEX OF DRAWINGS / SEALS

SOB - APPENDIX 'B'

- TYPICAL END / SIDE ELEVATIONS

- TYPICAL RAFTER / COLUMN FRAME SECTIONS (>31' TO <40' / <20'H.)

- TYPICAL RAFTER / COLUMN FRAME SECTIONS (>41' TO <50' / <20'H.)

- TYPICAL SIDE / END FRAMING SECTIONS

- BOX EVE / DOUBLE COLUMN OPTIONS (>31' TO <40'/ <20' HIGH)

- BOX EVE / LACED COLUMN OPTIONS (>41' TO <50' / <20' HIGH)

- SINGLE COLUMN FOUNDATION

- SINGLE COLUMN FOUNDATION - NO SIDING LEDGE

S5B - DOUBLE COLUMN FOUNDATION

S5C - DOUBLE COLUMN FOUNDATION - NO SIDING LEDGE

S5D - LACED COLUMN FOUNDATION

- LACED COLUMN FOUNDATION - NO SIDING LEDGE

S6

- TYPICAL END / SIDE WALL OPENING FRAMING SECTIONS

- BASE RAIL CONNECTION DETAILS

- CONNECTION DETAILS

S8B - TRUSS CONNECTION DETAILS

- LEAN-TO FRAMING OPTIONS

- LEAN-TO HIP FRAMING OPTIONS

S10 - LEAN-TO FRAMING OPTIONS

S10B- LEAN-TO FRAMING OPTIONS

S10C- LEAN-TO FRAMING OPTIONS

S10C - LEAN-TO FRAMING OPTIONS

S11 - VERTICAL ROOF / SIDING OPTIONS

S11A - VERTICAL ROOF / SIDING OPTIONS

S12 - HEADER OPTIONS



31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

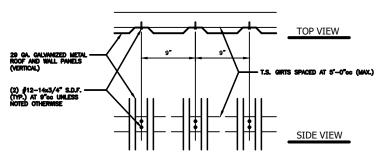


04/03/24

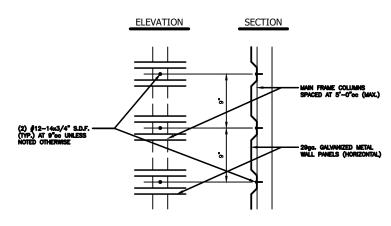
SOA

Д

Associates,



(VERTICAL) SIDING CONNECTION DETAIL



(HORIZONTAL) SIDING CONNECTION DETAIL

APPENDIX "B"

STRUCTURAL DESIGN

DESIGN LOADS:

IMPORTANCE FACTORS

WIND

(1w) 1.00 (1s) 1.00

SNOW SEISMIC

(1e) 1.00

DEAD LOADS

LIVE LOADS

ROOF ROOF COLLATERAL <u>13</u> <u>0</u> 20 **P.S.F.**

GROUND SNOW LOAD:

35 P.S.F. * DRIFT LOAD HAS NOT BEEN CALCULATED

WIND LOAD:

SEISMIC DESIGN CATAGORY

BASIC WIND SPEED V 145 M.P.H. (ASCE 7-16) EXPOSURE CATAGORY A/B/C

PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:

OCCUPANCY CATEGORY SPECTRAL RESPONSE ACCELERATION

VARIES BASED
Ss ON SITE %g

VARIES BASED
S1 ON SITE %9

SITE CLASSIFICATION D FIELD TEST X PRESUMPTIVE HISTORICAL DATA

BASIC STRUCTURAL SYSTEM (CHECK ONE)

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

MOMENT FRAME

ANALYSIS PROCEDURE ___ SIMPLIFIED __X EQUIVALANT LATERAL FORCE ___ MODAL

SOIL BEARING CAPACITIES:

PRESUMPTIVE BEARING CAPACITIES:

LATERAL DESIGN CONTROL? ____ EARTHQUAKE

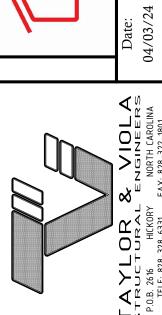
1,500 **P.S.F.**

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 $2-1/2" \times 2-1/2" \times 14$ gg. 50 KSI MIN. UNLESS NOTED OTHERWISE.
- 4. ALL FASTENERS SHALL BE (2) #12 SELF TAPPING AT 9"o.c. UNLESS NOTED OTHERWISE.
- 5. 1,500 PSF ASSUMED BEARING CAPACITY UNLESS NOTED OTHERWISE.
- 6. THESE DRAWINGS ARE NOT APPLICABLE TO OPEN / PARTIALLY OPEN BUILDINGS.
- 7. THESE DRAWINGS ARE NOT DESIGNED FOR SLEEPING QUARTERS.



31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW



NOTE:

Revisions:

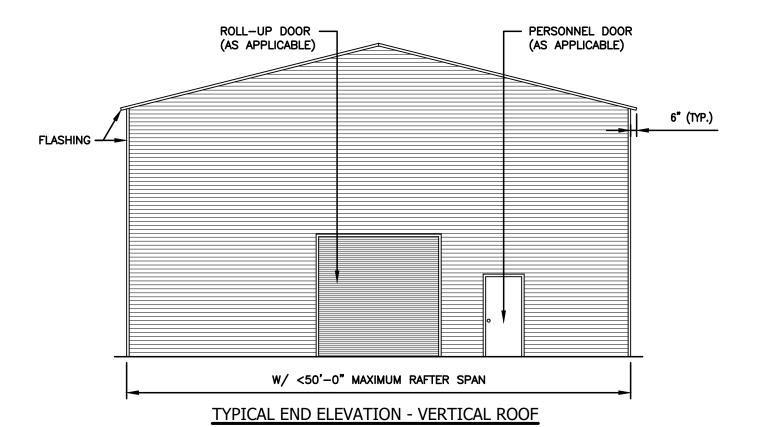
Project No. 24-507

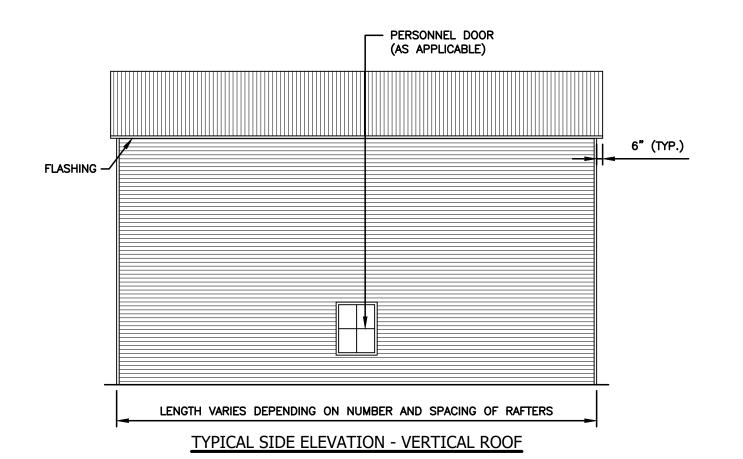
PLL

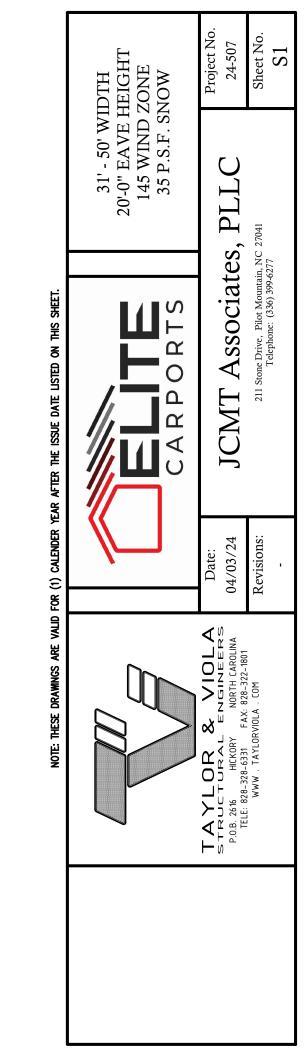
Associates,

Sheet No. SOB

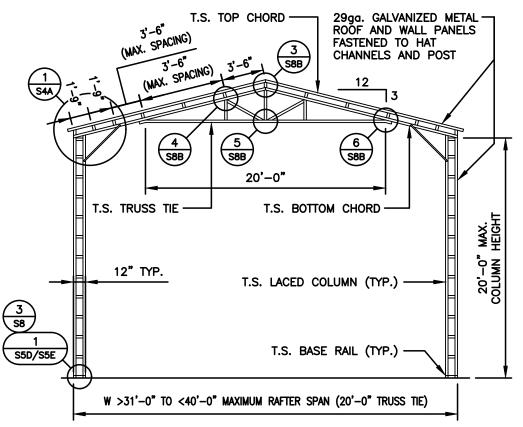
BOX EVE FRAME RAFTER STURCTURE





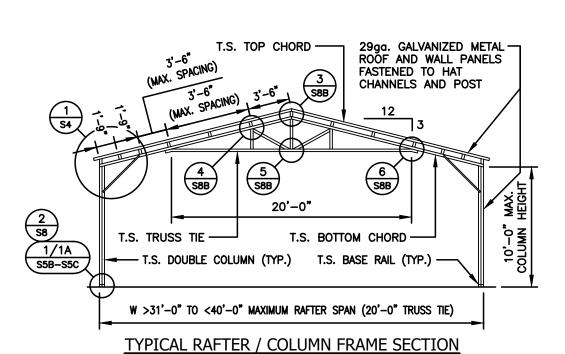


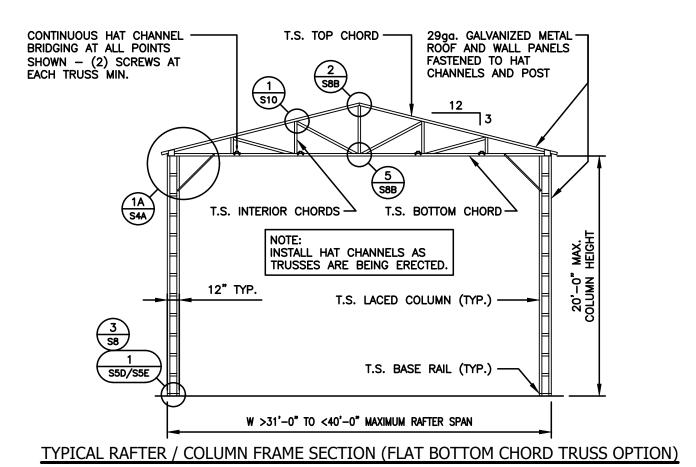
(>31' TO <40' WIDE / <20' HIGH) BOX EVE RAFTER END WALL SECTIONS



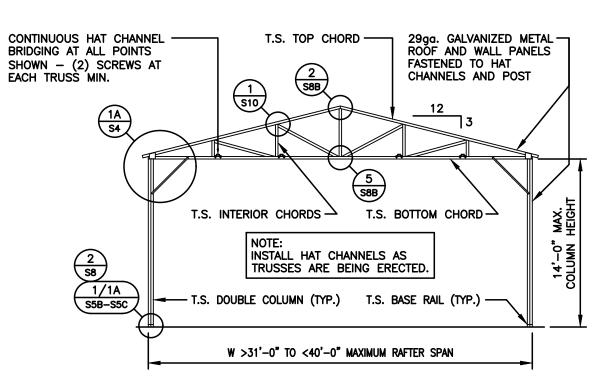
TYPICAL RAFTER / COLUMN FRAME SECTION

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.





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.



TYPICAL RAFTER / COLUMN FRAME SECTION (FLAT BOTTOM CHORD TRUSS OPTION)



중

USTED

CALENDER

Ξ

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

Associates,

Project No. 24-507

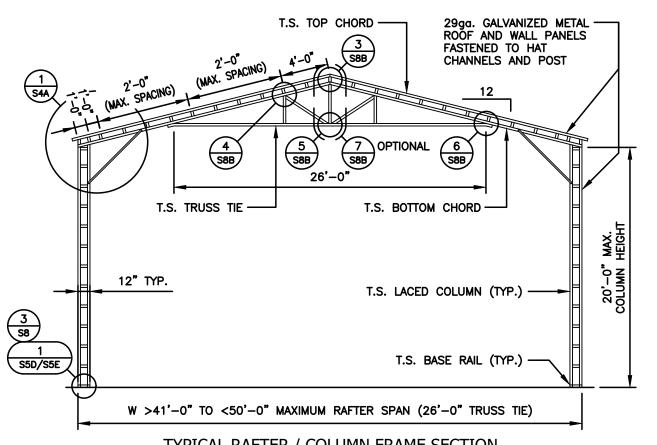
PLL

Sheet No. S2

Revisions:

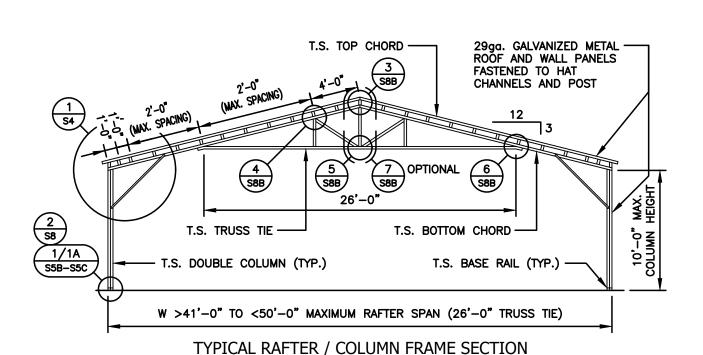
Date: 04/03/24

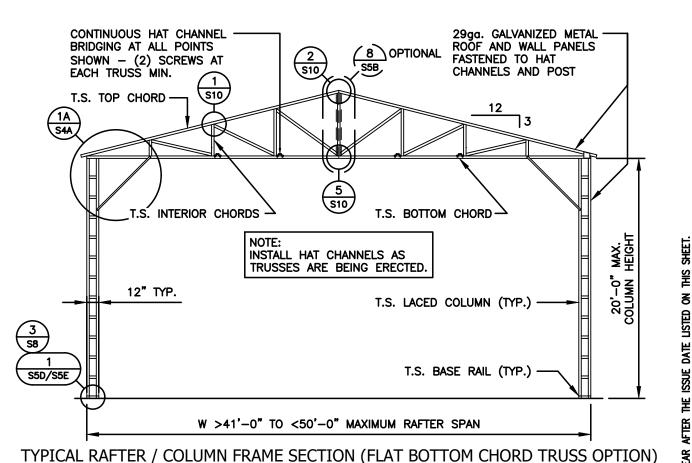
(>41' - <50' WIDE / <20' HIGH) BOX EVE RAFTER END WALL SECTIONS



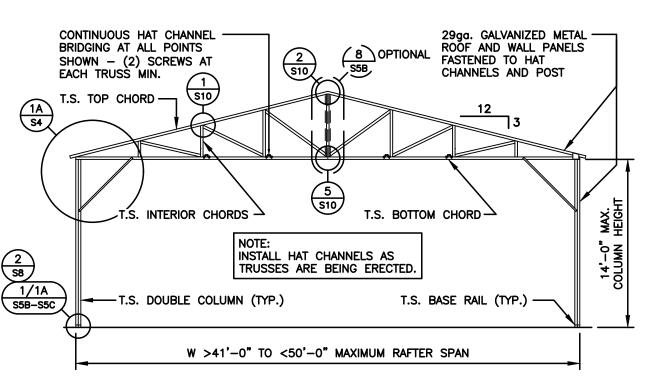
TYPICAL RAFTER / COLUMN FRAME SECTION

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.





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.



TYPICAL RAFTER / COLUMN FRAME SECTION (FLAT BOTTOM CHORD TRUSS OPTION)



CALENDER

Ξ

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

Associates,

Project No. 24-507

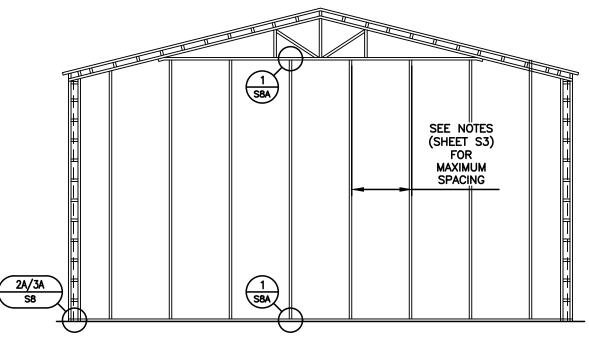
PLL

Sheet No. S2A

Revisions:

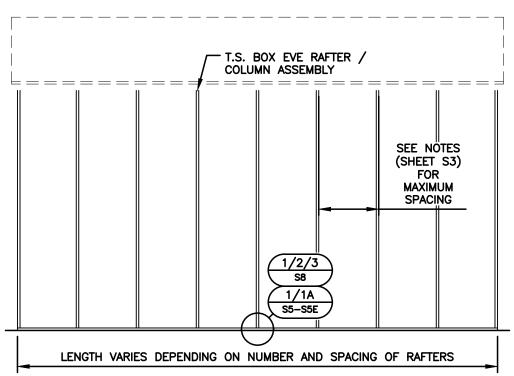
Date: 04/03/24

TYPICAL SIDE / END FRAMING ELEVATIONS



TYPICAL BOX EVE RAFTER / END WALL COLUMN FRAMING

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.



TYPICAL RAFTER / COLUMN SIDE FRAME SECTION



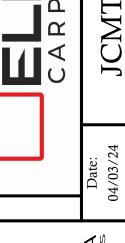
중

DATE USTED

CALENDER

FOR (1)

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW



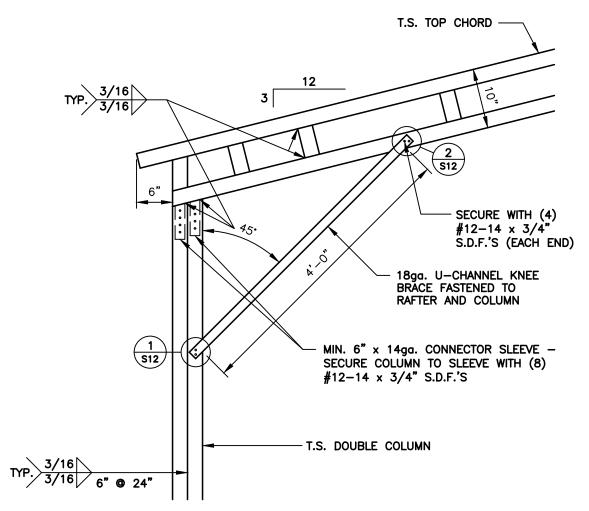
Date: 04/03/24 Revisions:

Project No. 24-507 Sheet No. Sh

PLL(

Associates,

DOUBLE COLUMN OPTIONS

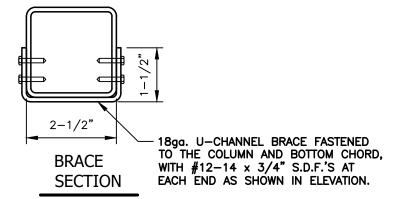


BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS <10'-0"

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

T.S. TOP CHORD TYP. 3/16 TYP. 14ga. MENDING PLATE (ONE SIDE) (2 S12 T.S. BOTTOM CHORD SECURE WITH (4) #12-14 x 3/4" S.D.F.'S (EACH END) 18ga. U-CHANNEL KNEE BRACE FASTENED TO RAFTER AND COLUMN MIN. 6" x 14ga. CONNECTOR SLEEVE -SECURE COLUMN TO SLEEVE WITH (8) #12-14 x 3/4" S.D.F.'S 1 S12 T.S. DOUBLE COLUMN TYP. 3/16 6" @ 24"

> BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS <14'-0" (FLAT BOTTOM CHORD OPTION) SCALE: 3/4" = 1'-0"

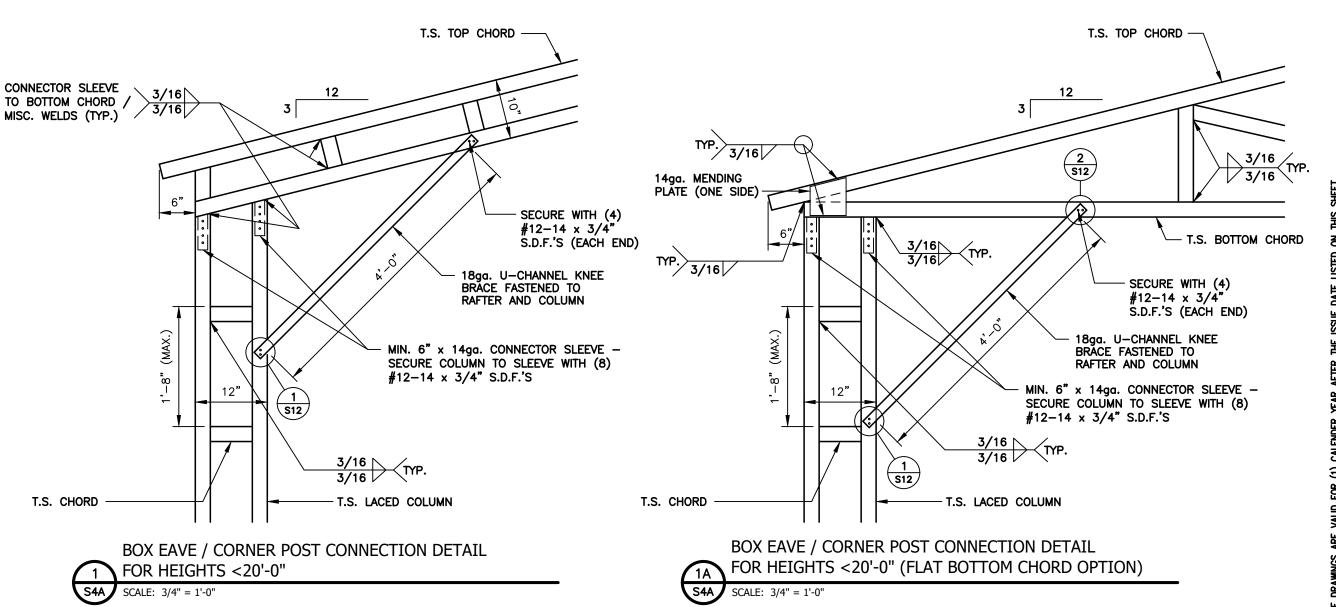


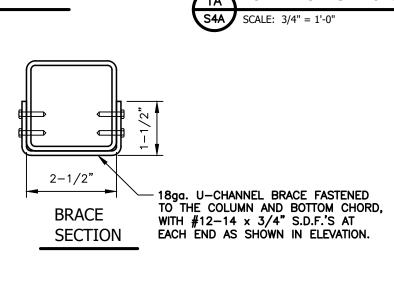


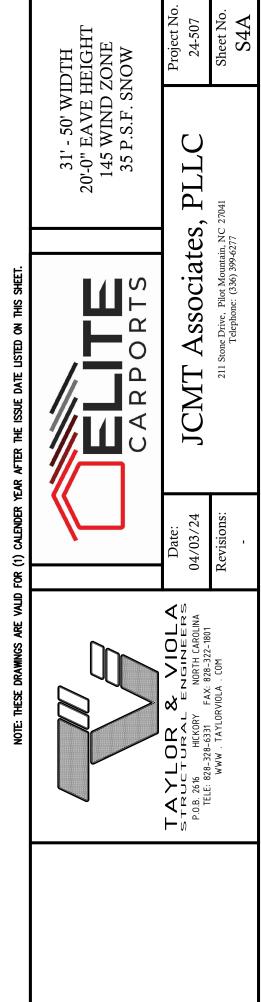
중

Project No. 24-507 Sheet No. SA

LACED COLUMN OPTIONS

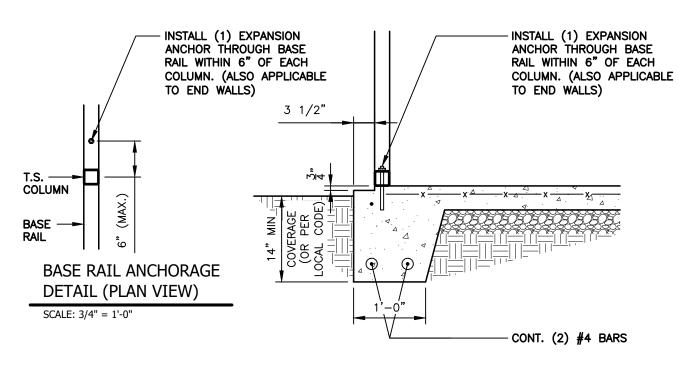


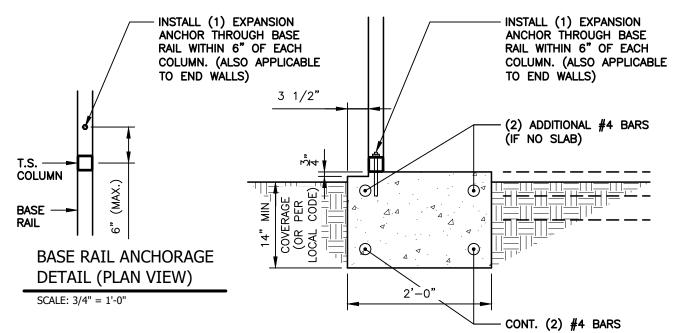




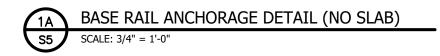
SINGLE COLUMN OPTIONS (LEAN-TO ONLY)

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









GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2.000 P.S.F.

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

COVER OVER REINFORCING STEEL:

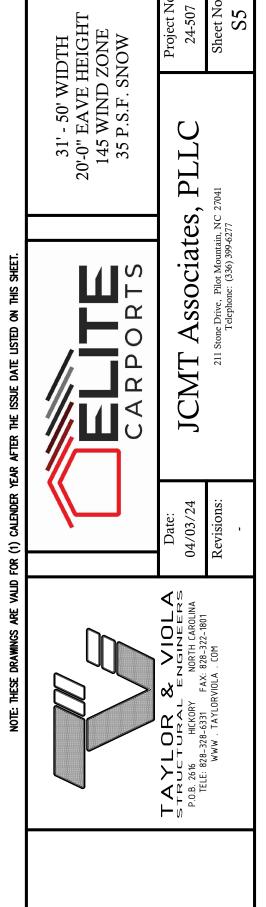
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318: 3" IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH AND WEATHER AND 1-1/2" ELSEWHERE.

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.

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

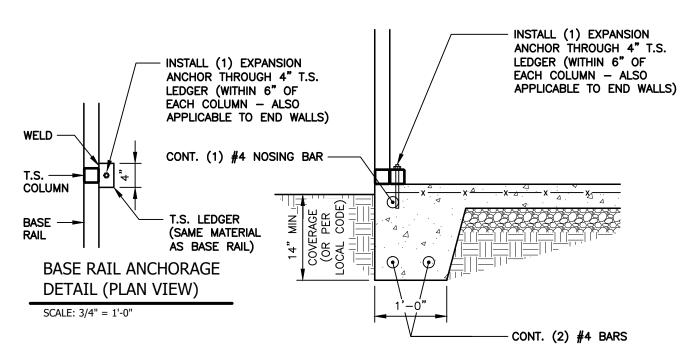


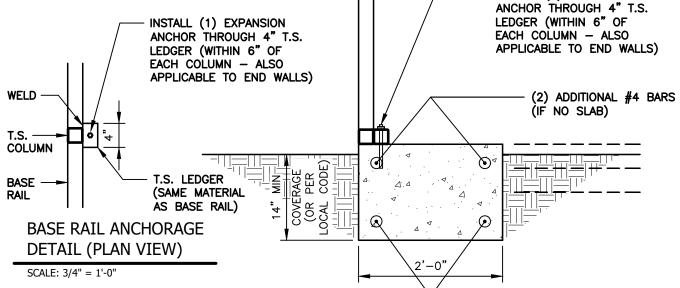
Project No. 24-507

Sheet No. S5

SINGLE COLUMN OPTIONS - NO SIDING LEDGE (LEAN-TO ONLY)

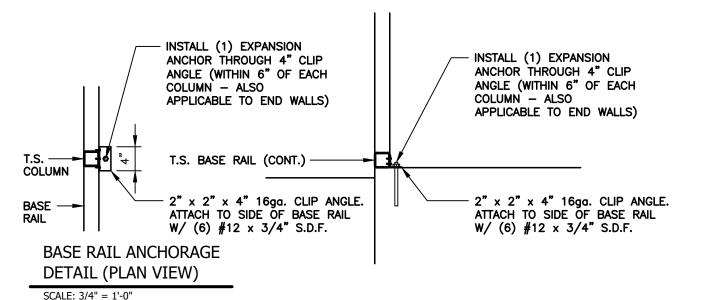
ANCHORAGE BOLT SCHEDULE		
WIND SPEED	BOLT SIZE	
UP TO 115 M.P.H.	1/2" x 6-1/2" Expansion anchor	
UP TO 125 M.P.H.	1/2" x 6-1/2" Expansion anchor	
UP TO 135 M.P.H.	1/2" x 9" EXPANSION ANCHOR	
UP TO 145 M.P.H.	1/2" x 9" Expansion anchor	





BASE RAIL ANCHORAGE DETAIL







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.

- THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT



31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

INSTALL (1) EXPANSION

CONT. (2) #4 BARS

Date: 04/03/24

Revisions:

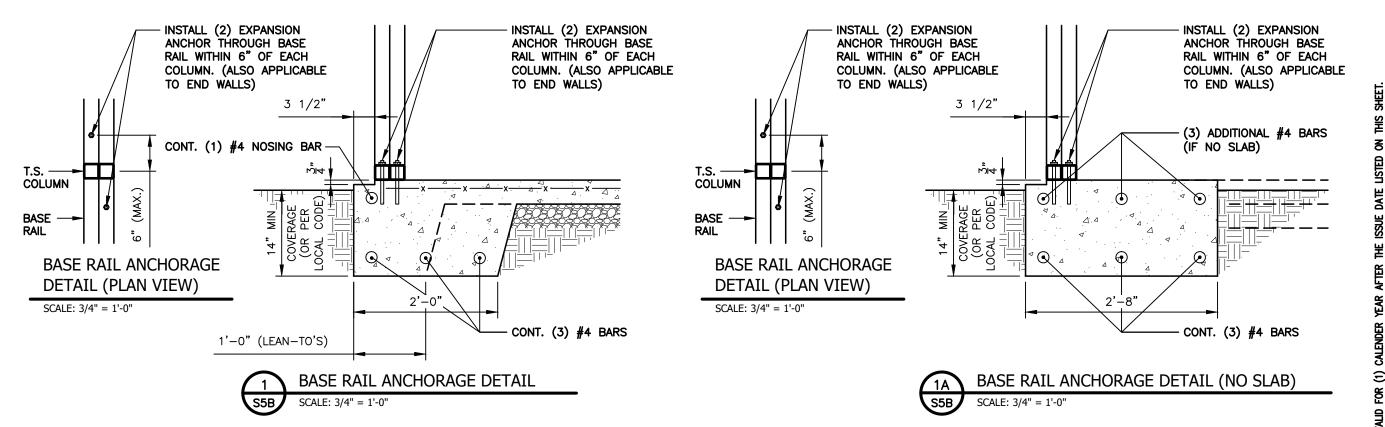
Sheet No. S5A

Project No. 24-507

PLL

LESS THAN SIX-BAR DIAMETERS. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

DOUBLE COLUMN OPTIONS



GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2.000 P.S.F.

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.

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

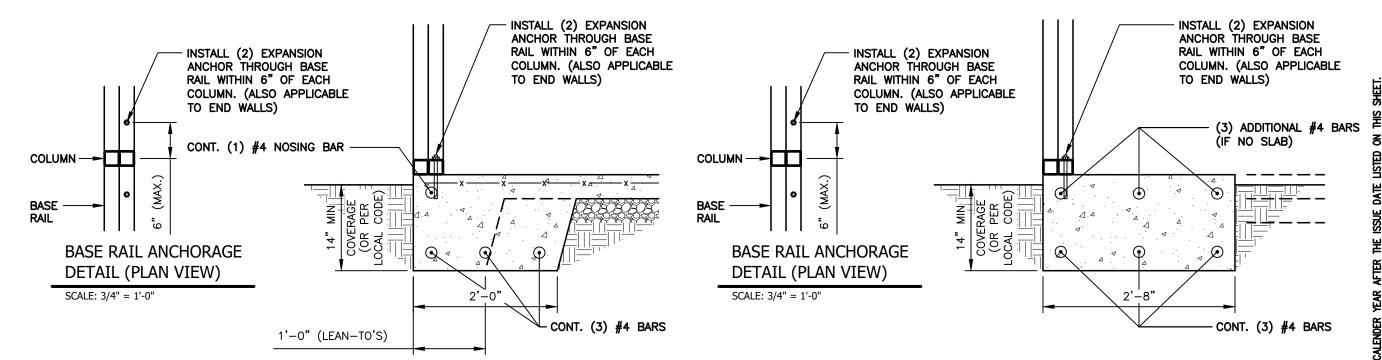


31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

Project No. 24-507 Sheet No. S5B

DOUBLE COLUMN OPTIONS - NO SIDING LEDGE

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





ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2.000 P.S.F.

BASE RAIL ANCHORAGE DETAIL

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

COVER OVER REINFORCING STEEL:

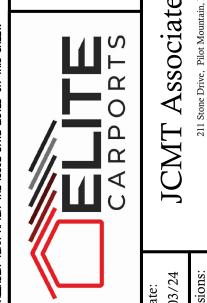
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318: 3" IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH AND WEATHER AND 1-1/2" ELSEWHERE.

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.

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



Ξ

BASE RAIL ANCHORAGE DETAIL (NO SLAB)

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

PLL Associates,

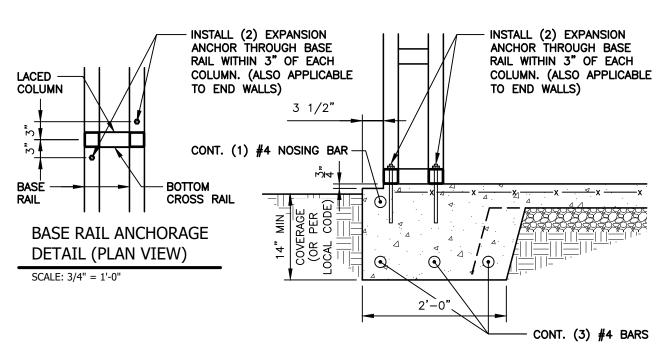
Project No. 24-507

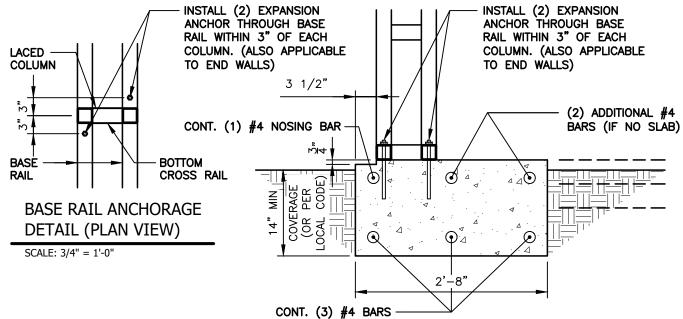
Sheet No. S5C

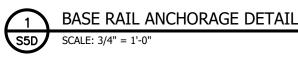
Date: 04/03/24 Revisions:

LACED COLUMN OPTIONS

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









BASE RAIL ANCHORAGE DETAIL (NO SLAB)

GENERAL NOTES:

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

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

COVER OVER REINFORCING STEEL:

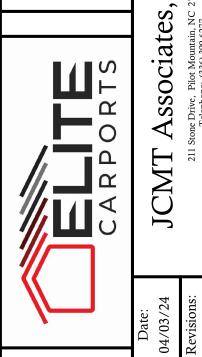
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318: 3" IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH AND WEATHER AND 1-1/2" ELSEWHERE.

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.

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



AFTER

Ξ

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

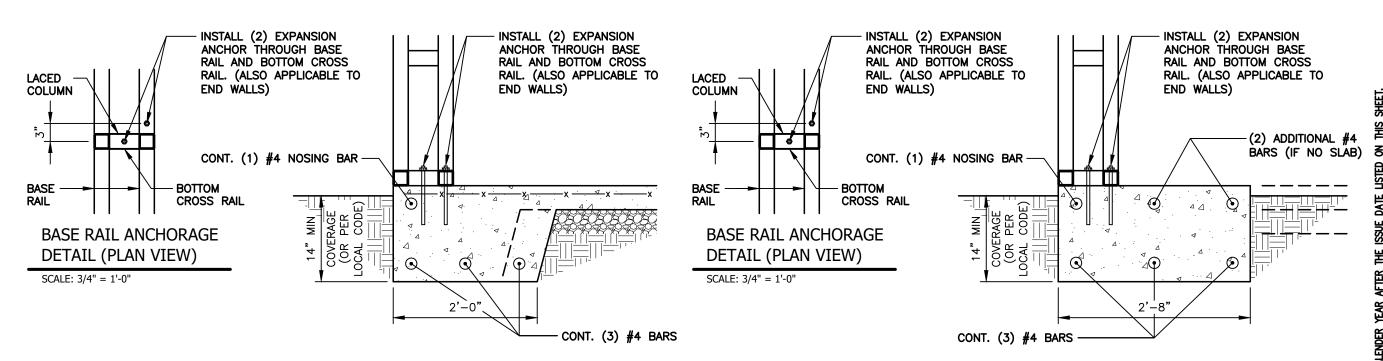
Project No. 24-507

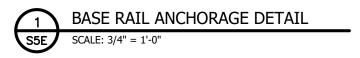
PLL

Sheet No. S5D

LACED COLUMN OPTIONS (NO SIDING LEDGE)

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







GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2.000 P.S.F.

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.

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



31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

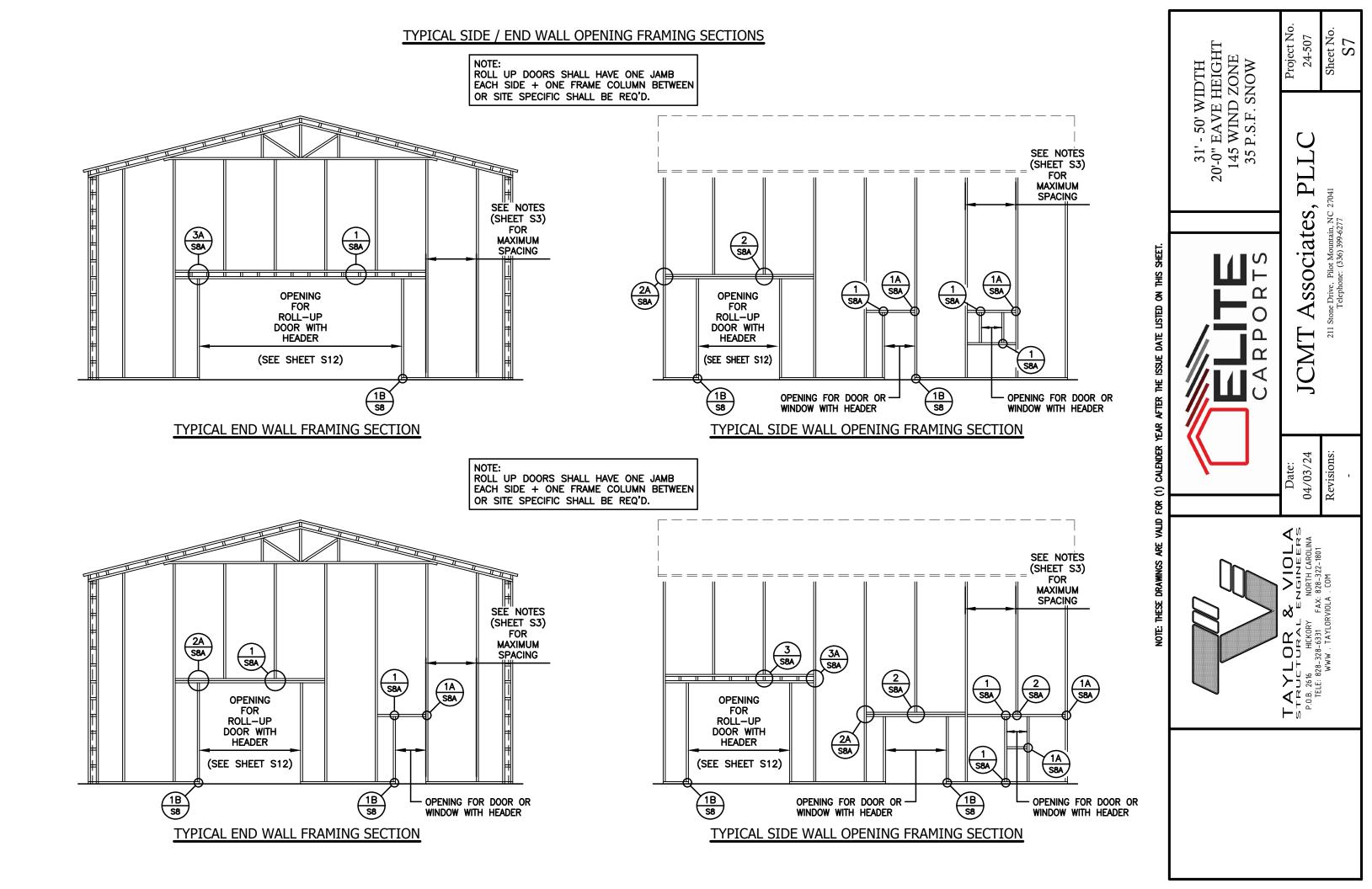
Ξ

Date: 04/03/24 Revisions:

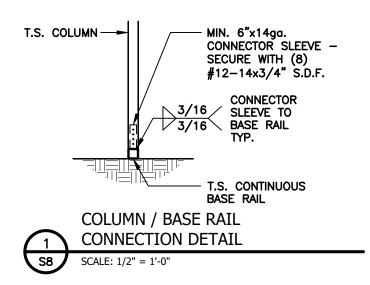
Project No. 24-507

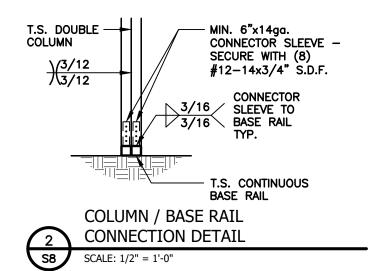
PLL

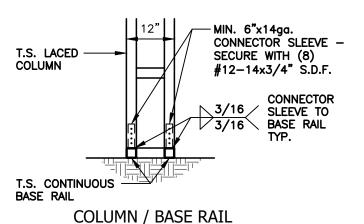
Sheet No. S5E



BASE RAIL CONNECTION DETAILS

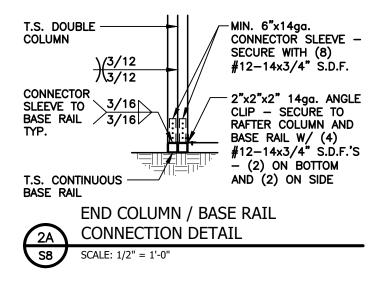


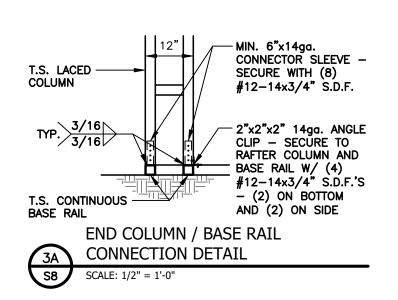


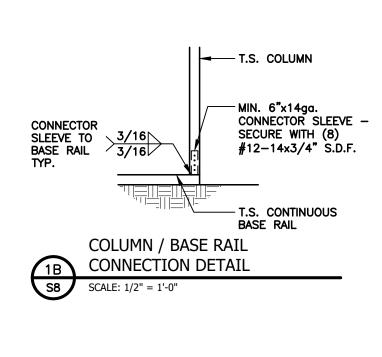


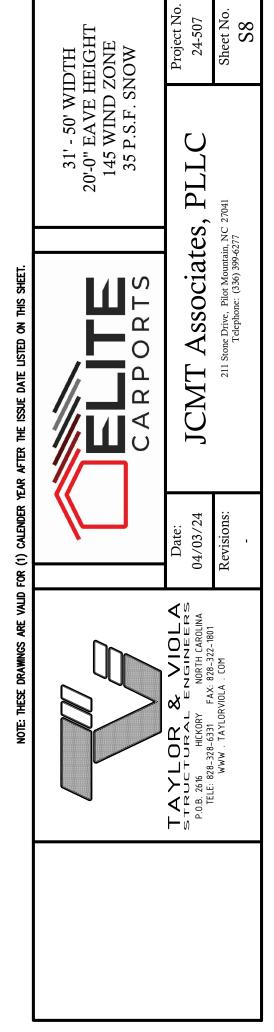
CONNECTION DETAIL

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

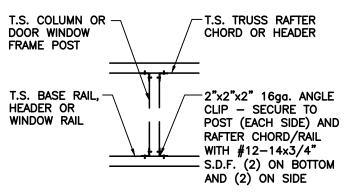






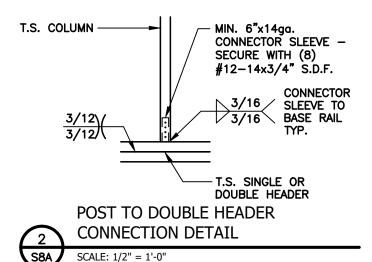


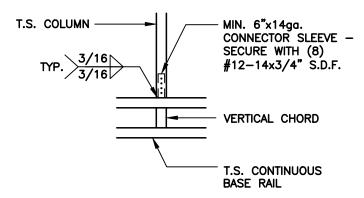
CONNECTION DETAILS



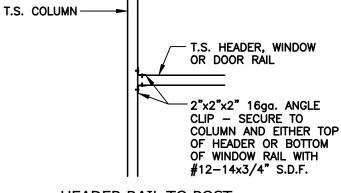
POST TO TRUSS / HEADER **CONNECTION DETAIL**

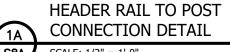
SCALE: 1/2" = 1'-0"



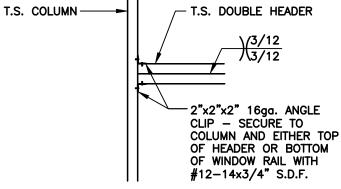


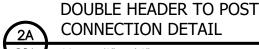




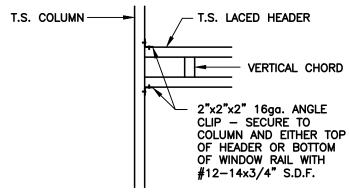


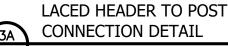
SCALE: 1/2" = 1'-0"



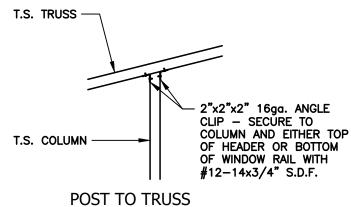


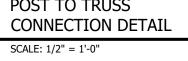
SCALE: 1/2" = 1'-0"



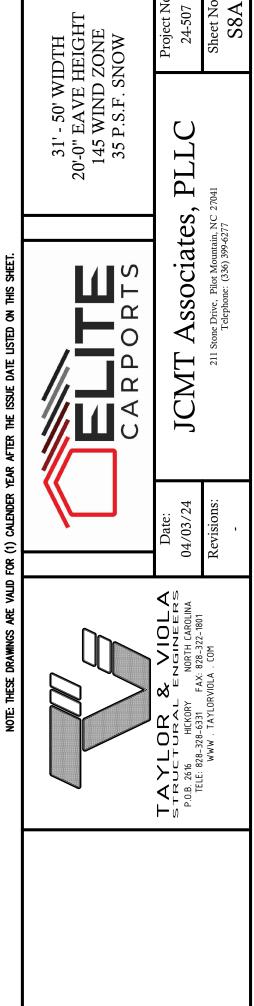


SCALE: 1/2" = 1'-0"





S8A

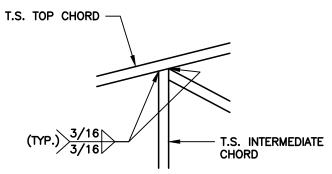


Project No. 24-507

Sheet No. S8A

TRUSS CONNECTION DETAILS

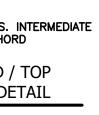
T.S. TOP CHORD

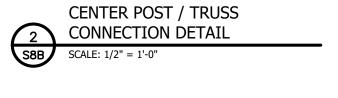


INTERMEDIATE CHORD / TOP CHORD CONNECTION DETAIL

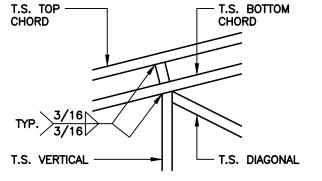
SCALE: 1/2" = 1'-0"

S8B

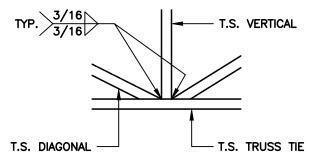




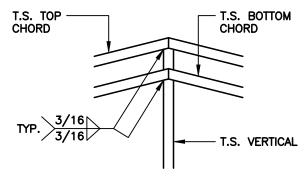
- T.S. VERTICAL



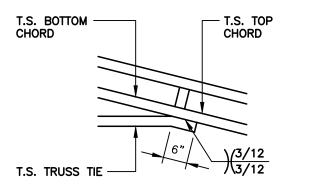
VERTICAL / DIAGONAL / TRUSS **CONNECTION DETAIL** SCALE: 1/2" = 1'-0"



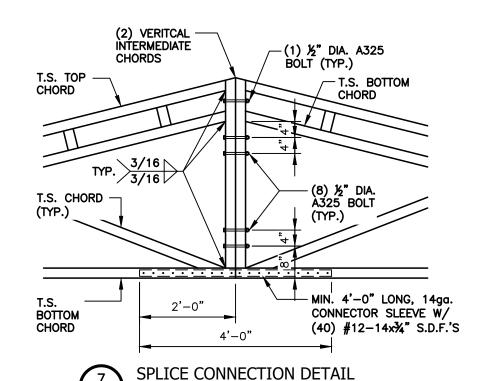
CENTER POST / TRUSS TIE **CONNECTION DETAIL** SCALE: 1/2" = 1'-0"



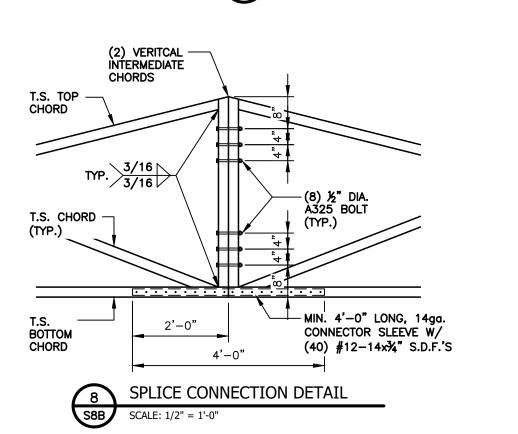
CENTER POST / TRUSS CONNECTION DETAIL SCALE: 1/2" = 1'-0"

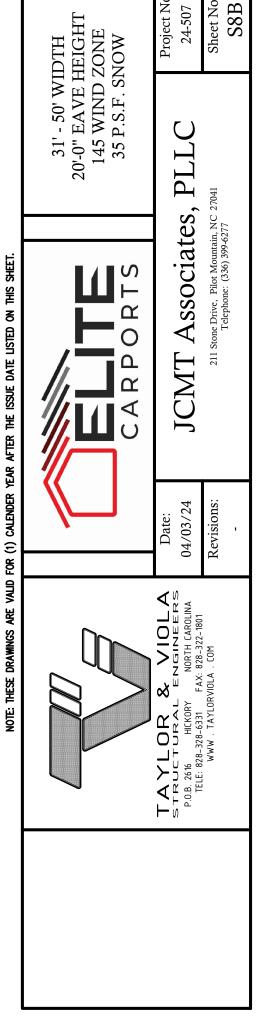


TRUSS TIE / TRUSS **CONNECTION DETAIL** SCALE: 1/2" = 1'-0"

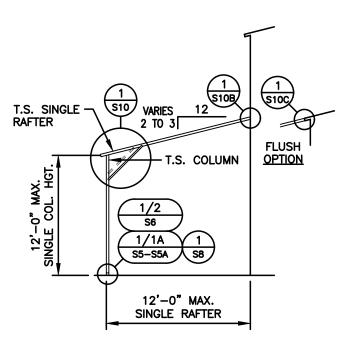


SCALE: 1/2" = 1'-0"

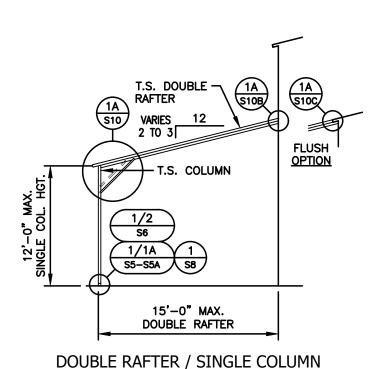




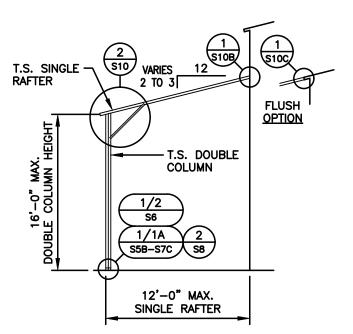
Project No. 24-507 Sheet No. S&B



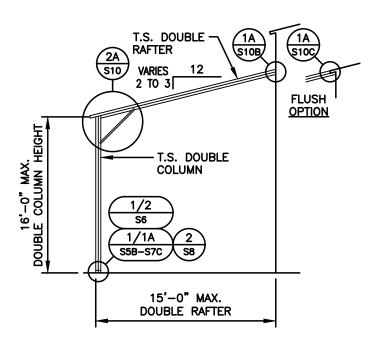
SINGLE RAFTER / SINGLE COLUMN LEAN-TO FRAMING SECTION



LEAN-TO FRAMING SECTION



SINGLE RAFTER / DOUBLE COLUMN LEAN-TO FRAMING SECTION



DOUBLE RAFTER / DOUBLE COLUMN LEAN-TO FRAMING SECTION



중

DATE LISTED

AFTER THE

YEAR

CALENDER

FOR (1)

NOTE: THESE DRAWINGS

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW



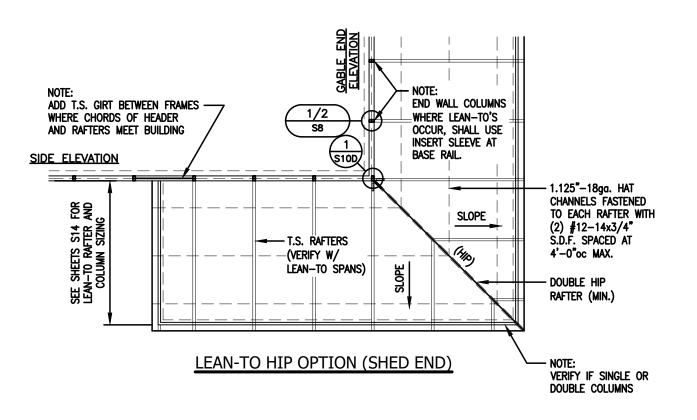
Date: 04/03/24 Revisions:

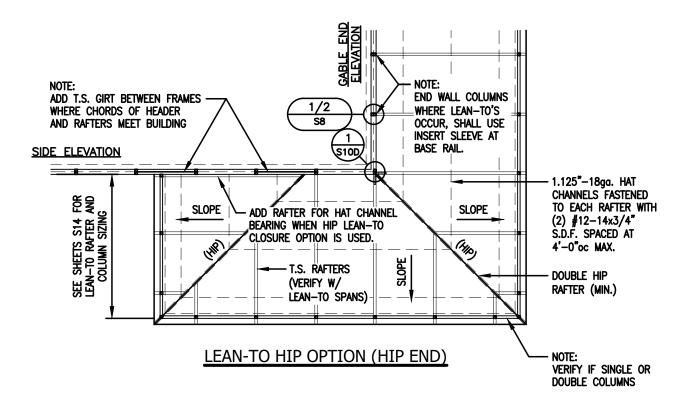
TAYLOR & VIOLA STRUCTURAL ENGINEERS P.0.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW. TAYLORVIOLA. COM

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

PLL

Project No. 24-507 Sheet No. S9

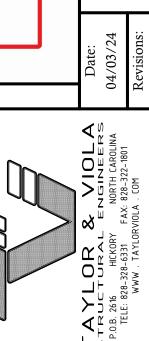






NOTE: THESE DRAWINGS

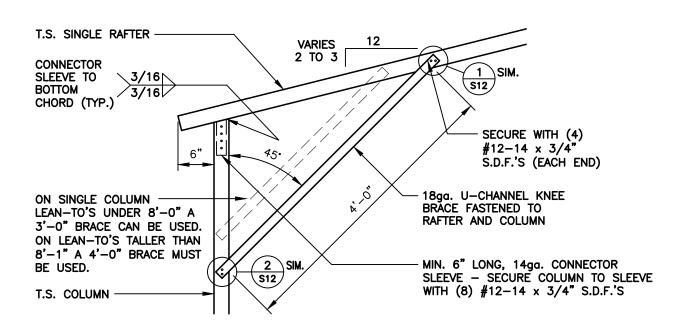
31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW



Associates, **JCMT**

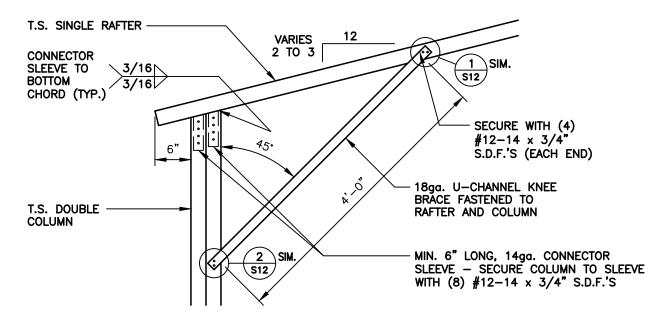
PLL te Drive, Pilot Mountain, NC 27041 Telephone: (336) 399-6277

Project No. 24-507 Sheet No. S9A



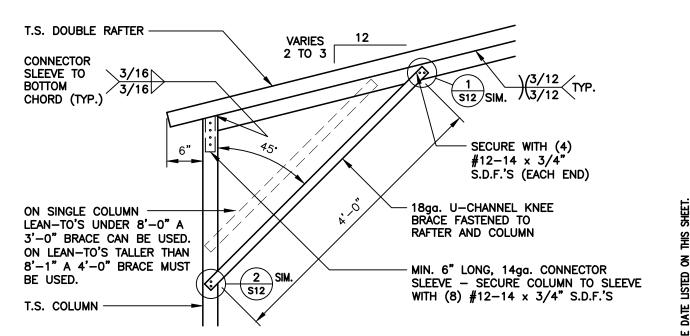
LEAN-TO SINGLE RAFTER / SINGLE COLUMN CONNECTION DETAIL

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



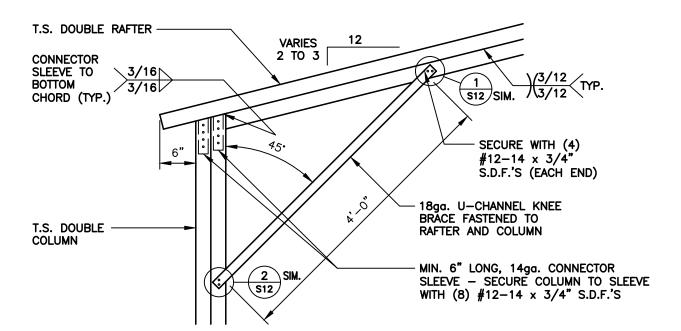
LEAN-TO SINGLE RAFTER / DOUBLE COLUMN CONNECTION DETAIL

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



LEAN-TO DOUBLE RAFTER / SINGLE COLUMN CONNECTION DETAIL

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

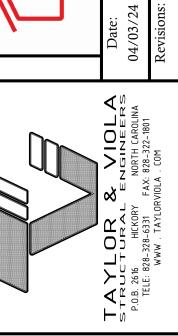


LEAN-TO DOUBLE RAFTER / DOUBLE COLUMN CONNECTION DETAIL

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



31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW



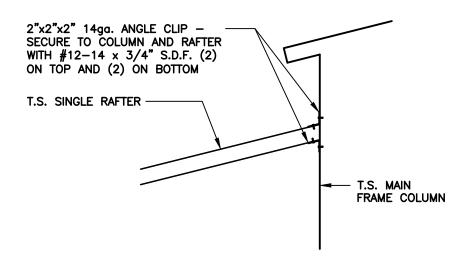
Project No. 24-507

PLL

Associates,

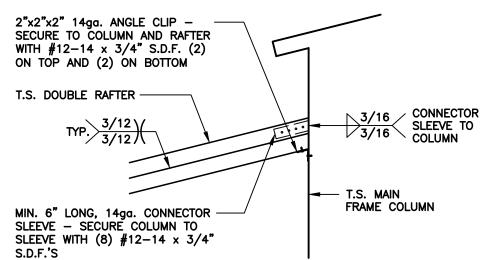
Pilot Mountain, NC ne: (336) 399-6277

Sheet No. S10



LEAN-TO SINGLE RAFTER / BUILDING FRAME CONNECTION DETAIL

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



LEAN-TO DOUBLE RAFTER / BUILDING FRAME CONNECTION DETAIL

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



중 USTED

CALENDER

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

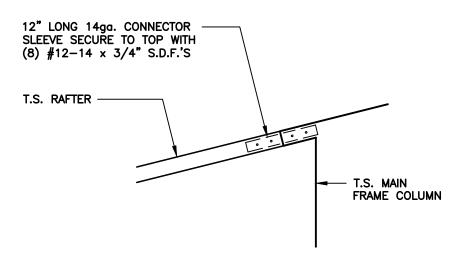
Date: 04/03/24 Revisions:

Project No. 24-507 Sheet No. S10B

PLL

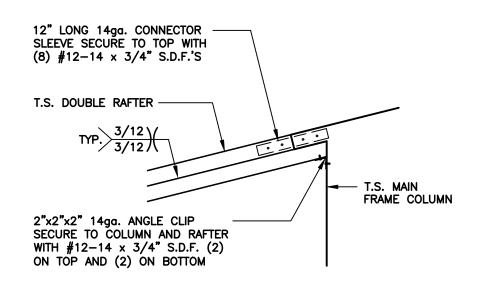
Associates,

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



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

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



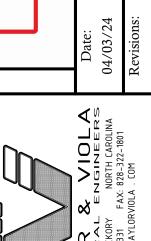
LEAN-TO SINGLE RAFTER / BUILDING FRAME (FLUSH) CONNECTION DETAIL

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



FOR (±)

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

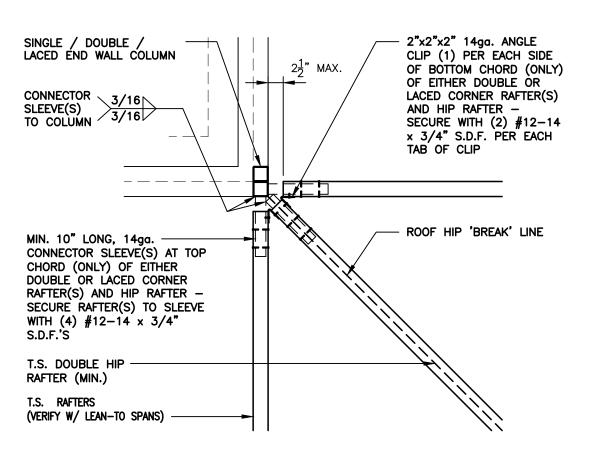




Associates,

Project No. 24-507 Sheet No. S10C

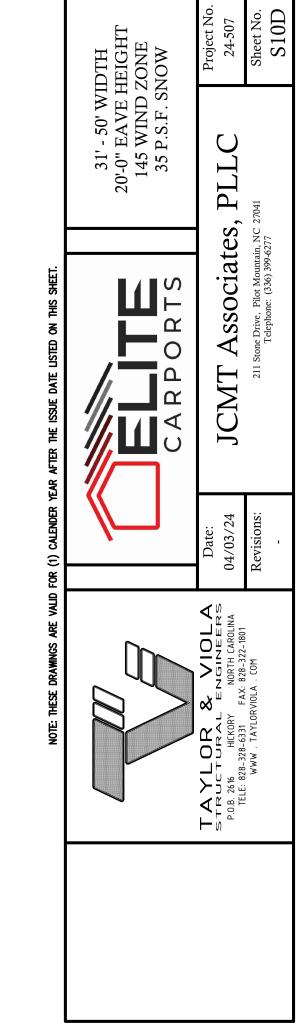
PLL



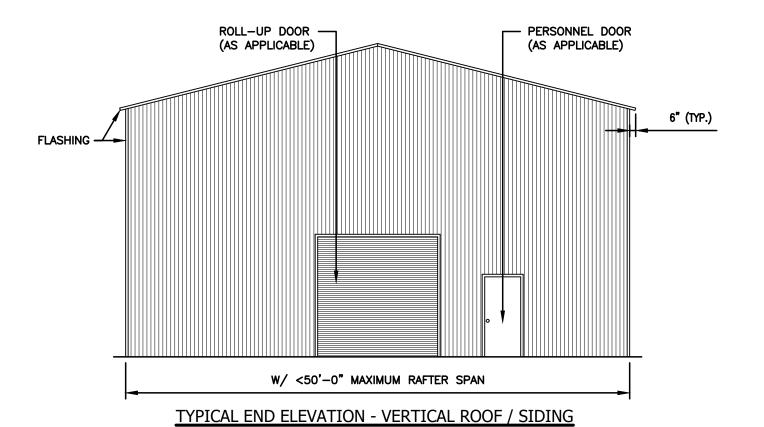
END WALL COLUMN / HIP RAFTER

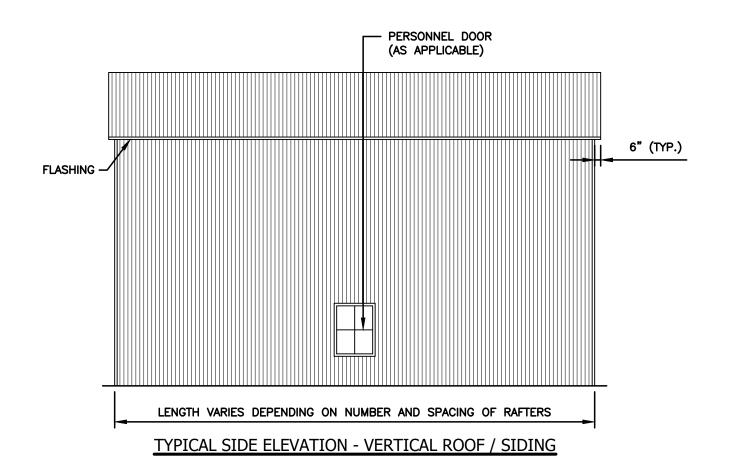
CONNECTION DETAIL

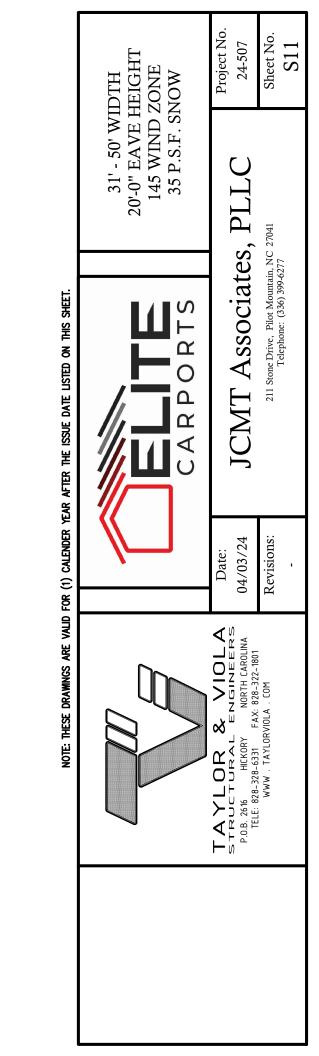
SCALE: 3/4" = 1'-0"



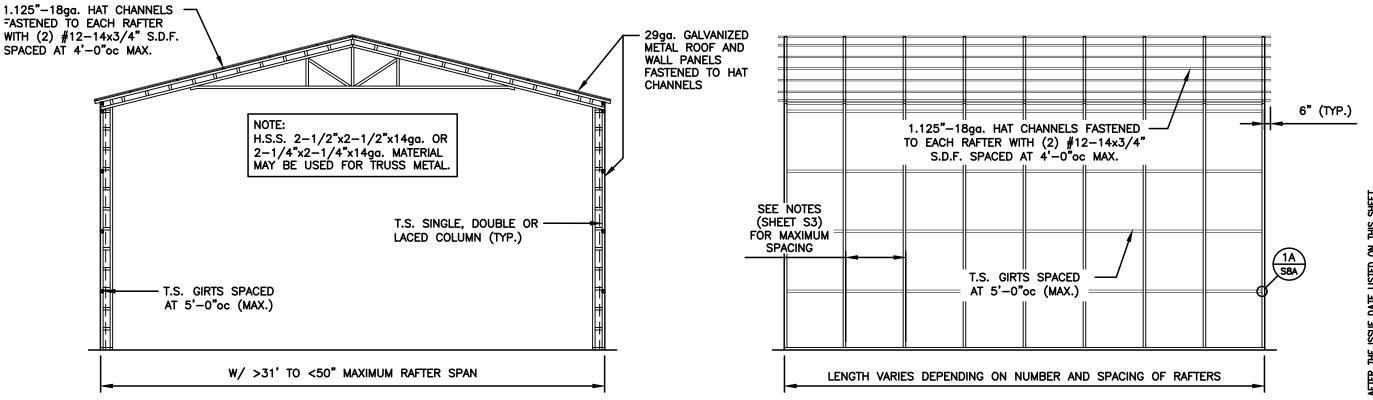
VERTICAL ROOF / SIDING OPTION







VERTICAL ROOF / SIDING OPTION



TYPICAL SECTION VERTICAL ROOF / SIDING OPTION

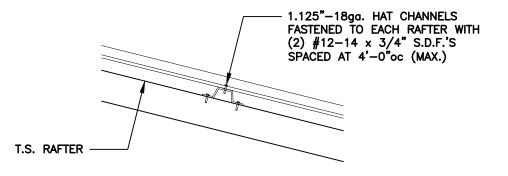
MAIN BUILDING COLUMNS TO BE DOUBLE COLUMNS FOR

MAIN BUILDING COLUMNS TO BE LACED COLUMNS FOR

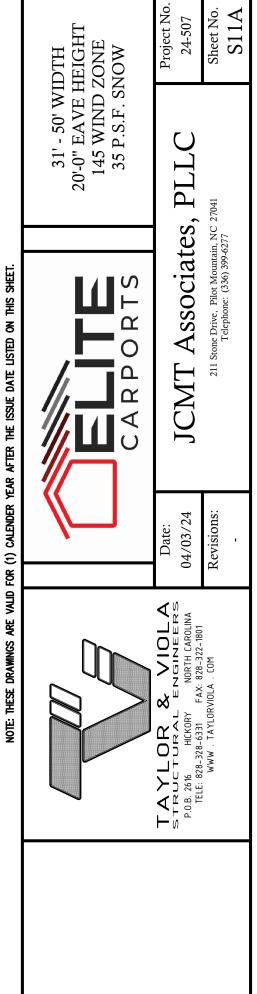
COLUMN HEIGHTS <10'-0"

COLUMN HEIGHTS >10'-1" TO <20'-0"

TYPICAL SIDE FRAMING SECTION VERTICAL ROOF / SIDING OPTION



(TYPICAL) ROOF PANEL ATTACHMENT

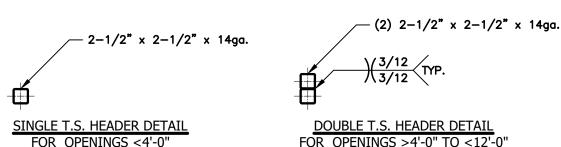


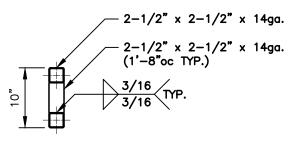
GENERAL NOTE:

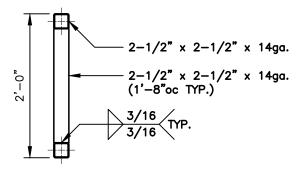
PROVIDE DOUBLE WYTHE HEADER ON DOUBLE COLUMNS.

HEADER OPTIONS

SIDE WALL HEADER OPTIONS

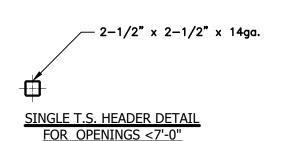


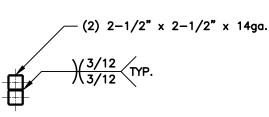


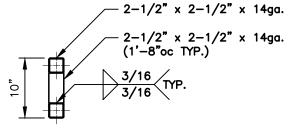


LACED T.S. HEADER DETAIL FOR OPENINGS >12'-1" TO <15'-0" LACED T.S. HEADER DETAIL
FOR OPENINGS >15'-1" TO <20'-0"

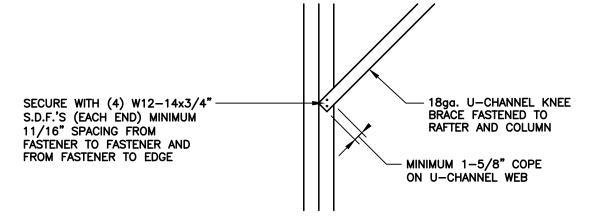
END WALL HEADER OPTIONS

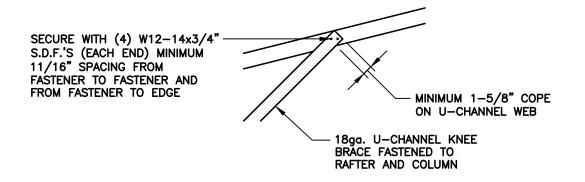






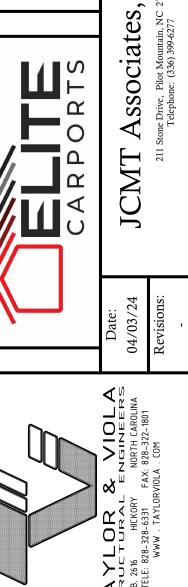
DOUBLE T.S. HEADER DETAIL FOR OPENINGS >7'-1" TO <16'-0" LACED T.S. HEADER DETAIL
FOR OPENINGS >16'-1" TO <20'-0"











Project No. 24-507

PLL

31' - 50' WIDTH 20'-0" EAVE HEIGHT 145 WIND ZONE 35 P.S.F. SNOW

LISTED ON

Ξ

Sheet No. S12