

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

FOR:

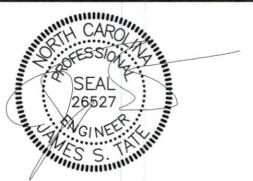
N.C. CARPORTS & GARAGES 116 EAST MARKET STREET / ELKIN, NC. 28621

ISSUE DATE: FEBRUARY 01, 2023

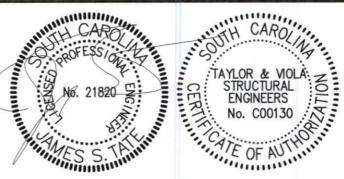




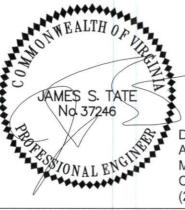
NOTE: THESE DRAWINGS ARE VALID FOR 1 (ONE) CALENDER YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET



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



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2021 SC BUILDING CODE (2021 IBC)



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



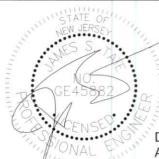
DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2012 IBC



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2020 BUILDING CODE OF NEW YORK STATE (2018 IBC)



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 20210 BUILDING CODENEW JERSEY EDITION (2021 IBC)



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC

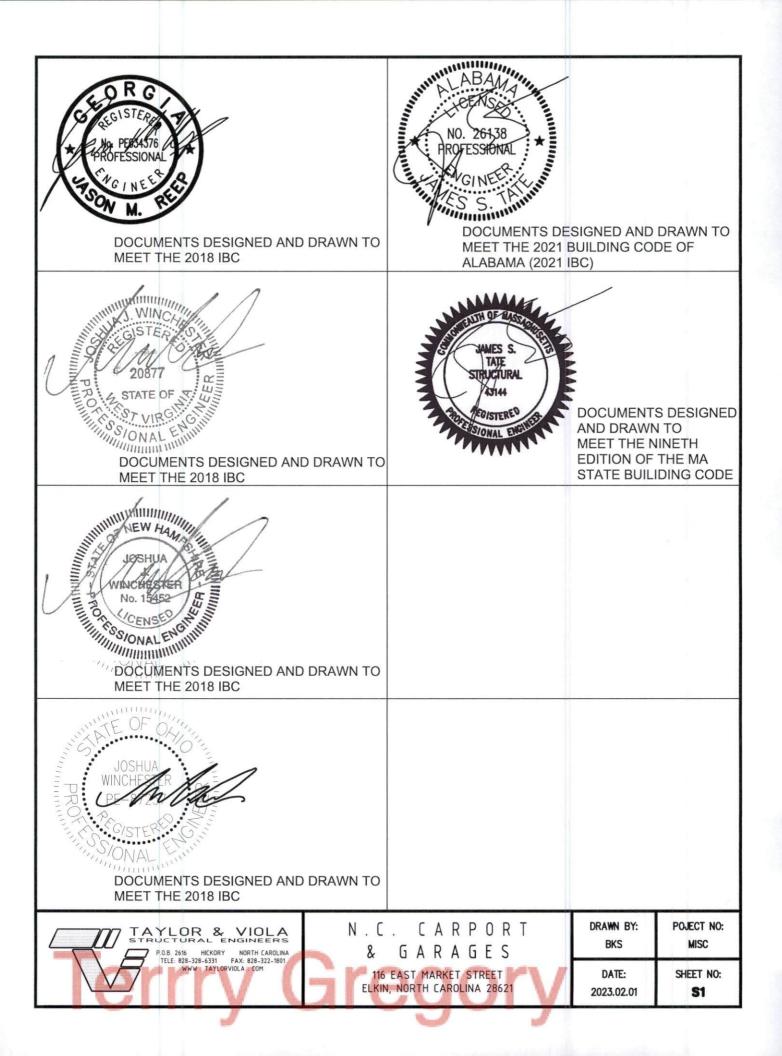
DDAWAL DV.



N.C. CARPORT & GARAGES

116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621

BKS	MISC
DATE:	SHEET NO:
2023.02.01	S1



SHEET INDEX

SHEET NUMBER	SHEET TITLE
S0 ———	SEALED COVER SHEET
S1 ———	P.E. SEALS SHEET
S1A	P.E. SEALS SHEET
S2 ———	DRAWING INDEX
S3 ———	GENERAL NOTES AND SPECIFICATIONS
S3 ————————————————————————————————————	SIDE AND END ELEVATIONS
S5 ———	TYPICAL RAFTER /
	COLUMN FRAME SECTIONS
S5A ———	TYPICAL RAFTER /
CED	COLUMN FRAME SECTIONS
S5B ———	TYPICAL RAFTER / COLUMN FRAME AND SIDE FRAMING SECTION
S6 ———	COLUMN CONNECTION DETAILS
	(LACED COLUMN)
S6A	COLUMN CONNECTION DETAILS
	(DOUBLE AND SINGLE COLUMN)
S6B	COLUMN CONNECTION DETAILS
	(LACED COLUMN)
S6C	COLUMN CONNECTION DETAILS
	(DOUBLE AND SINGLE COLUMN)
S7 ———	BASE RAIL ANCHORAGE
S7A ———	BASE RAIL ANCHORAGE
S8 ———	BASE RAIL ANCHORAGE
S9 ———	TYPICAL END WALL OPENINGS
	FRAMING SECTIONS
S9A ———	TYPICAL SIDE WALL OPENINGS
	FRAMING SECTIONS
S10 ———	CONNECTION DETAILS
S11 ———	CONNECTION DETAILS
S12 ———	CONNECTION DETAILS
S13 ———	CONNECTION DETAILS
S14 ———	CONNECTION DETAILS
S15 ———	LEAN-TO OPTIONS
S15A ———	LEAN-TO CONNECTION DETAILS
	LEAN-TO CONNECTION DETAILS
	LEAN-TO CONNECTION DETAILS
S16 ———	VERTICAL ROOF / SIDING OPTION END AND SIDE ELEVATION
S16A	VERTICAL ROOF / SIDING OPTION END SECTION
S16B ———	VERTICAL ROOF / SIDING OPTION SIDE SECTION
S17 ———	SIDE WALL HEADER OPTIONS
S17A ———	END WALL HEADER OPTIONS

P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM	/ TA	YLOR & VIOLA
	STE	P.O.B. 2616 HICKORY NORTH CAROLINA
	118	

N.C		C	Α	R	Р	0	R	T
&	G	Α	R	Α	G	E	S	
116 ELKIN	EAS							1

L	DNO
	DATE:
н	2023.02.01

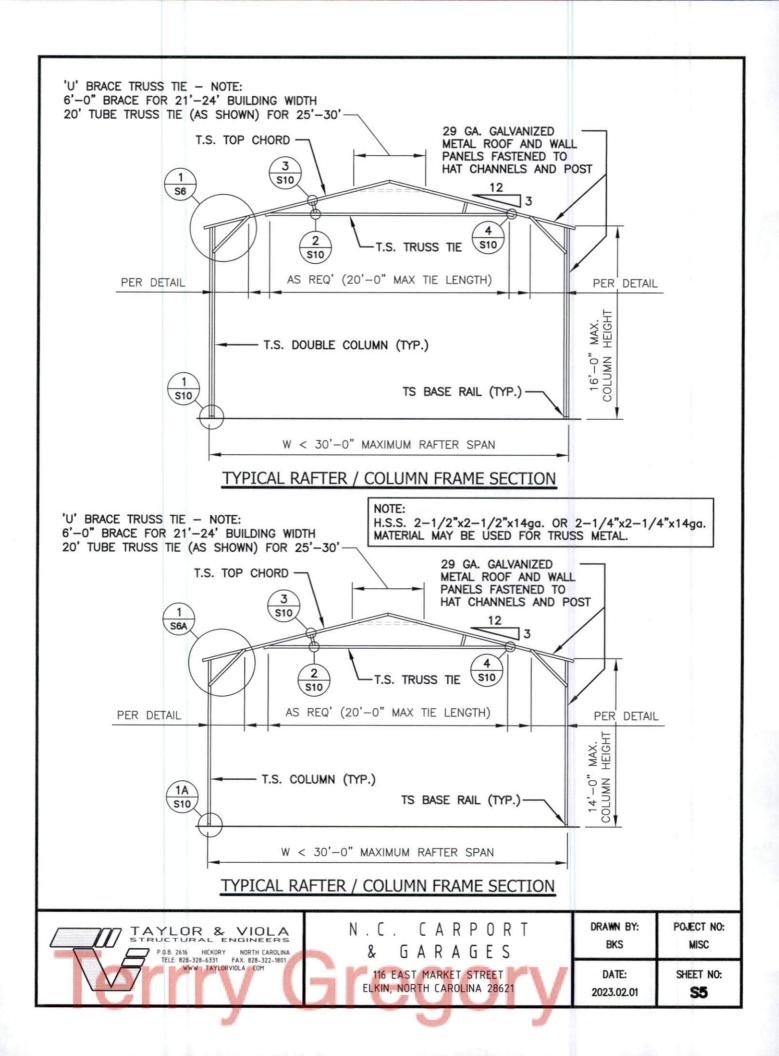
DRAWN BY:

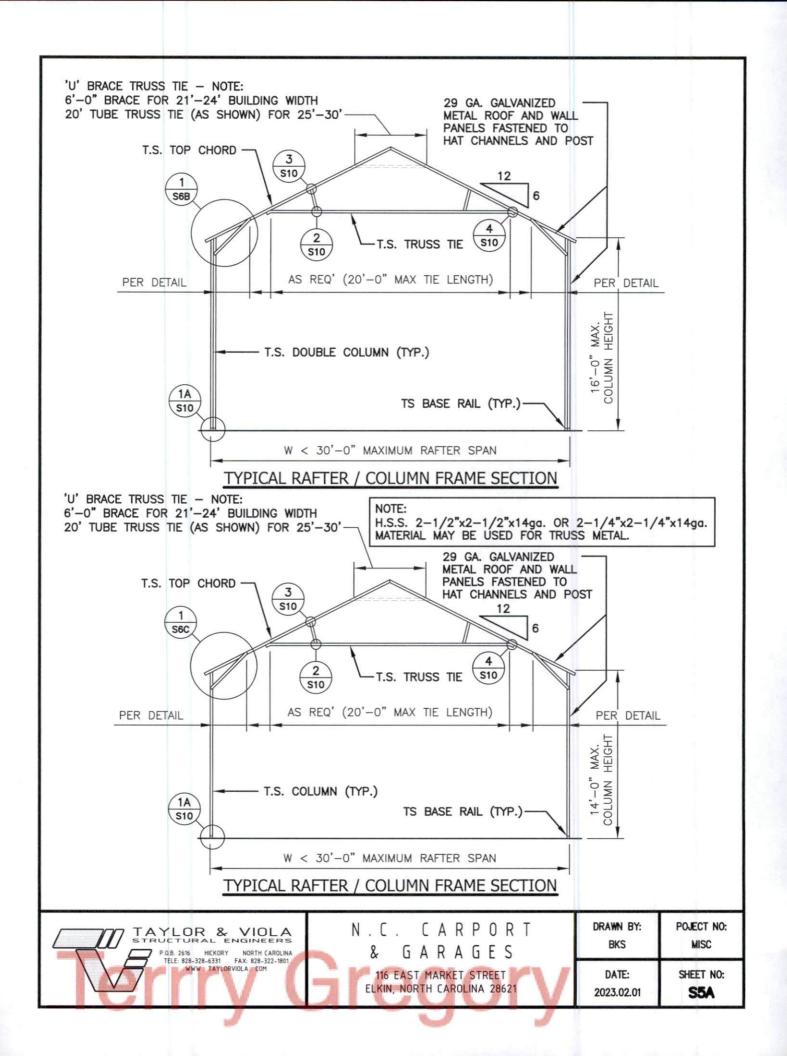
SHEET NO:

S2

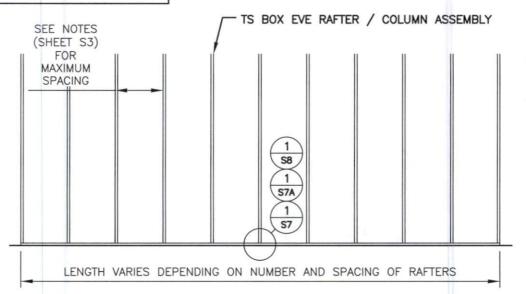
DESIGN LOADS:						
IMPORTANCE FACTORS	SNOW	(1w) 1.00 (1s) 1.00 (1e) 1.00				
DEAD LOADS	ROOF ROOF COLLATERAL	13	PSF PSF			
LIVE LOADS	ROOF	_20	PSF			
GROUND SNOW LOAD:		30	PSF			
GROUND LOAD:	BASIC WIND SPEED EXPOSURE CATAGOR		mph (ASCE 7-10)	* DRIFT LO BEEN CA	AD HAS NOT LCULATED	
SEISMIC DESIGN CATAGORY	A					
COMPLIANCE WITH SECTION	1616.4?	X NO	YES			
PROVIDE THE FOLLOWING S	EISMIC DESIGN PARAMI	ETERS:				
OCCUPANCY CATEGORY	<u></u>					
SPECTRAL RESPONSE ACCE	LERATION Ss _	20.5 %g	S1 8.8 %g			
SITE CLASSIFICATION D	FIELD TE	ST P	RESUMPTIVE	HISTORICAL D	ATA	
BASIC STRUCTURAL SYSTEM	(CHECK ONE)					
BEARING WALL BUILDING FRAME MOMENT FRAME	DUAL W	/ SPECTRAI / INTERMED D PENDULU	L MOMENT FRAME DIATE R/C OR SPECI M	al steel		
ANALYSIS PROCEDURE	SIMPLIFIED X	EQUIVAL	LANT LATERAL FORCE	EMO	DAL	
LATERAL DESIGN CONTROL?	EARTHQUAKE	X	WIND			
SOIL BEARING CAPACITIES: PRESUMPTIVE BEARING CAP	ACITIES:	2,000	_PSF			
GENERAL NOTES:						
1. MAX FRAME SPACING	SHALL BE 60"oc UNLE	SS NOTED (OTHERWISE.			
2. MAX. END-WALL COLU	MN SPACING SHALL BE	E 60"oc UN	LESS NOTED OTHERN	MSE.		
3. TUBE MATERIAL SHALL	BE 2-1/2" x 2-1/2	x 14 GA.	50 KSI MIN. UNLESS	NOTED OTH	ERWISE.	
4. ALL FASTENERS SHALL	. BE #12 SELF TAPPIN	G AT 9"o.c.	UNLESS NOTED OT	HERWISE.		
5. 2,000 PSF ASSUMED E	BEARING CAPACITY UNI	LESS NOTED	OTHERWISE.			
AYLOR & VIOLA		. []	A R P O R T		DRAWN BY:	POJECT NO:
P.O.B. 2616 HICKORY NORTH CAROLIN TELE: 828-328-6331 FAX: 828-322-1801	& &	GAR	RAGES		BKS	MISC
WWW TAYLORVIOLA COM			RKET STREET AROLINA 28621	VI.	DATE: 2023.02.01	SHEET NO:

BOX EVE FRAME RAFTER STURCTURE ROLL-UP DOOR . PERSONNEL DOOR (AS APPLICABLE) (AS APPLICABLE) 6" (TYP.) FLASHING -W < 30'-0" MAXIMUM RAFTER SPAN TYPICAL END ELEVATION WINDOW (AS APPLICABLE) 6" (TYP.) FLASHING -LENGTH VARIES DEPENDING ON NUMBER AND SPACING OF RAFTERS TYPICAL SIDE ELEVATION DRAWN BY: POJECT NO: N.C. CARPORT TAYLOR & VIOLA **BKS** MISC GARAGES P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621 DATE: SHEET NO: 2023.02.01 54

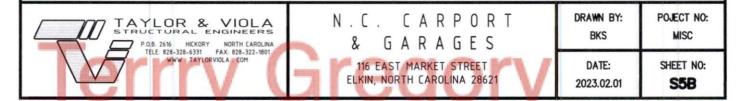


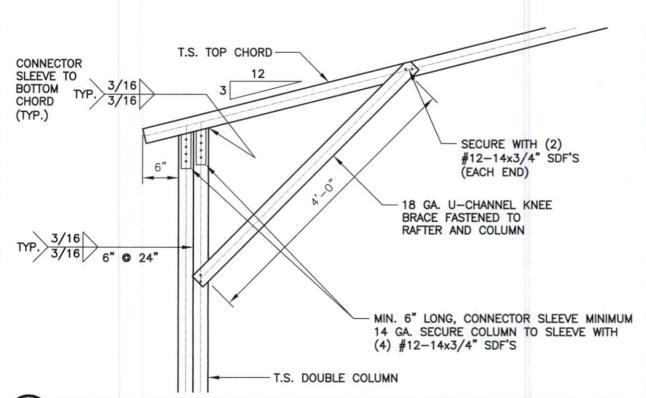


NOTE: H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga. MATERIAL MAY BE USED FOR TRUSS METAL.



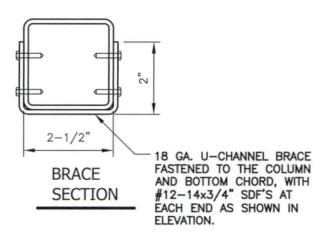
TYPICAL RAFTER / COLUMN SIDE FRAME SECTION



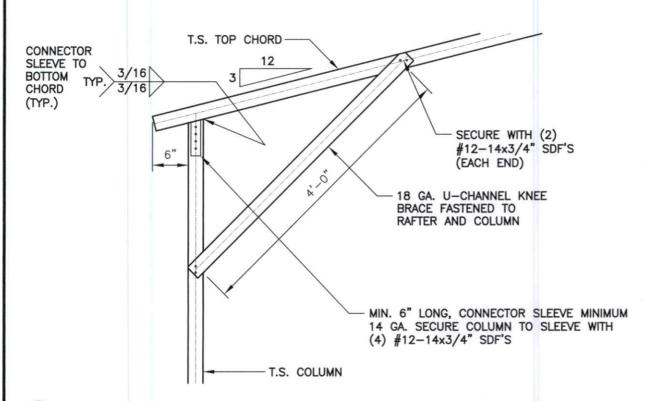


BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS 14'-1" < TO <16'-0"

S6 | SCALE: 3/4" = 1'-0"



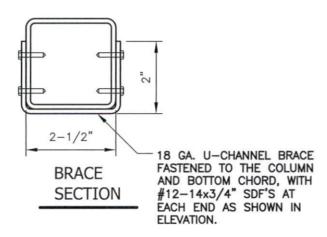
TAYLOR & VIOLA STRUCTURAL ENGINEERS P.D.B. 266 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801	N.C. CARPORT	DRAWN BY:	POJECT NO:
	& GARAGES	BKS	MISC
WWW TAYLORVIOLA COM	116 EAST MARKET STREET	DATE:	SHEET NO:
	ELKIN, NORTH CAROLINA 28621	2023.02.01	S6



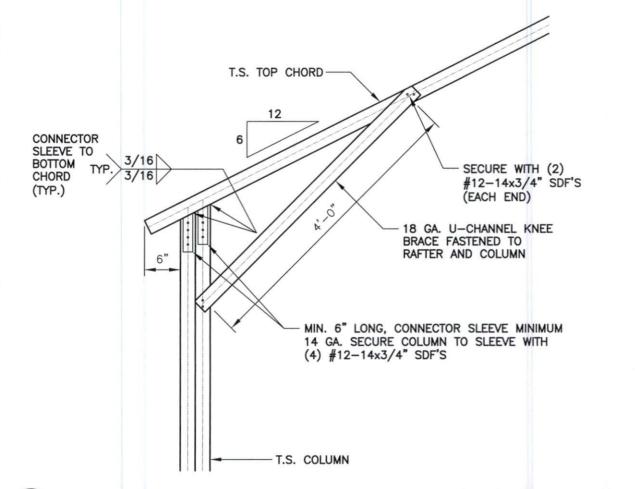
BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS < 14'-0"

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

S6A

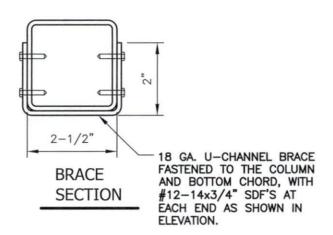




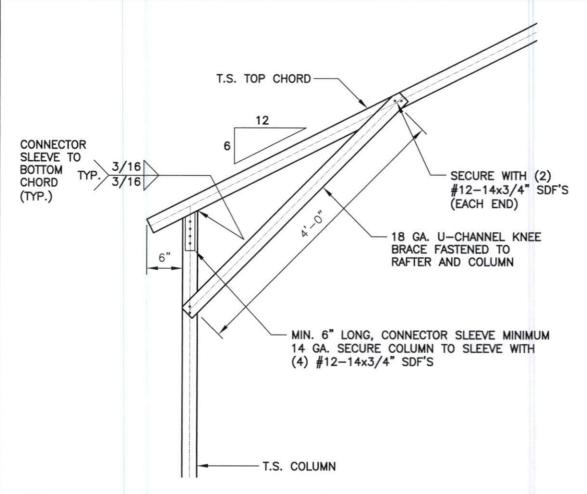


BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS 14'-1" < TO <16'-0" S6C

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

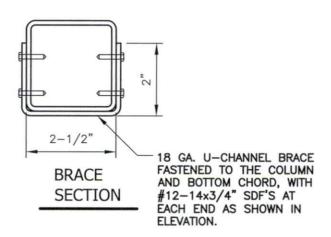


N.C. CARPORT DRAWN BY: POJECT NO: TAYLOR & VIOLA MISC BKS GARAGES P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM SHEET NO: 116 EAST MARKET STREET DATE: ELKIN, NORTH CAROLINA 28621 2023.02.01 S6B



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

S6C | SCALE: 3/4" = 1'-0"

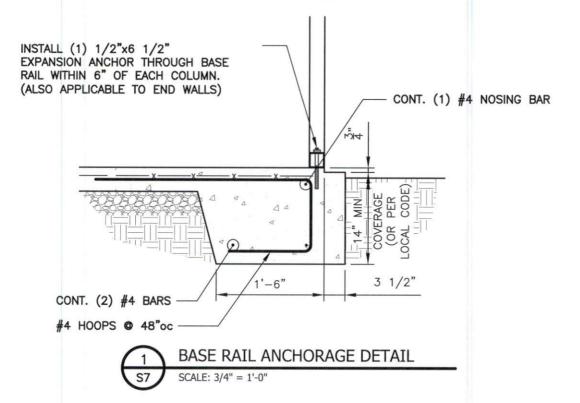




N . C		C	Α	R	P	0	R	Τ
&	G	Α	R	Α	G	E	S	
116 ELKIN	EAS'							

DRAWN BY:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:
2023.02.01	S6C

CONCRETE BASE RAIL ANCHORAGE



GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 PSF

CONCRETE:

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

COVER OVER REINFORCING STEEL:

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

 3° IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH AND WEATHER AND $1-1/2^{\circ}$ ELSEWHERE.

REINFORCING STEEL:

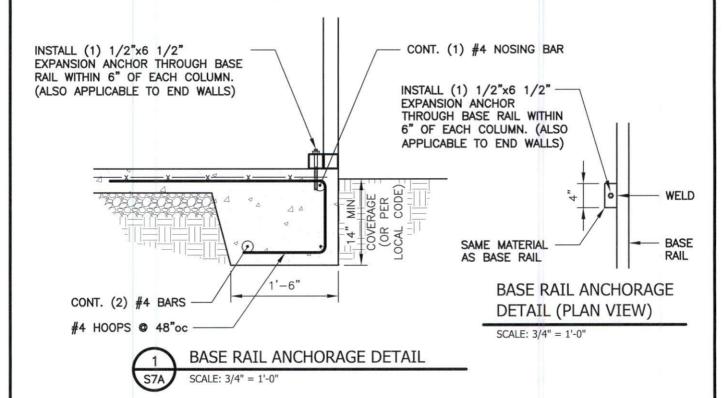
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAT BE BENT IN THE SHOP OF THE FIELD PROVIDED:

- 1. REINFORCEMENT IS BENT COLD.
- 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.

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801	N.C. CARPORT	DRAWN BY:	POJECT NO:
	& GARAGES	BKS	MISC
WWW TAYLORVIOLA COM	116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621	DATE: 2023.02.01	SHEET NO:

CONCRETE BASE RAIL ANCHORAGE



GENERAL NOTES:

ALL CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 PSF

CONCRETE:

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

COVER OVER REINFORCING STEEL:

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

3" IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH 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:

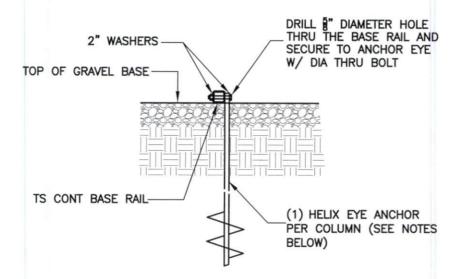
REINFORCEMENT IS BENT COLD.

 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.

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA	N.C. CARPORT	DRAWN BY:	POJECT NO:
	& GARAGES	BKS	MISC
TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM	116 EAST MARKET STREET	DATE:	SHEET NO:
	ELKIN, NORTH CAROLINA 28621	2023.02.01	S7A

SOIL NAIL BASE RAIL ANCHORAGE



1 58

BASE RAIL ANCHORAGE DETAIL

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

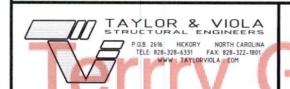
HELIX EMBEDMENT INFORMATION: FOR VERY DENSE OR CEMETED SANDS, COARSE GRAVEL, COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MIN (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT

FOR CORAL, USE MIN (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH 50" EMBEDMENT

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

FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, USE MIN (2) 6" HELICES WITH MINIMUM 50" EMBEDMENT

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

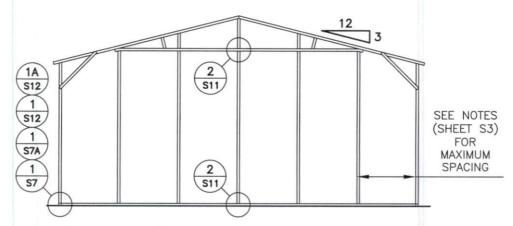


N . C			Α	R	P	0	R	T
&	G	Α	R	Α	G	E	S	

116 EA	ST MA	ARKET	STR	EET
ELKIN, N	NORTH	CAROL	INA	28621

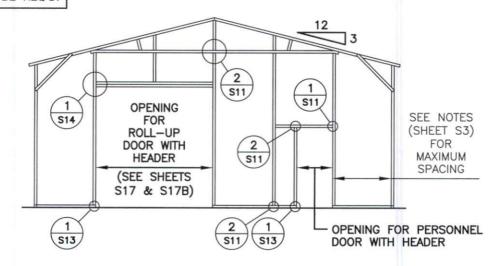
DRAWN BY:	POJECT NO:		
BKS	MISC		
DATE: 2023.02.01	SHEET NO:		

BOX EVE RAFTER END WALL OPENINGS



TYPICAL BOX EVE RAFTER / END WALL COLUMN FRAME SECTION

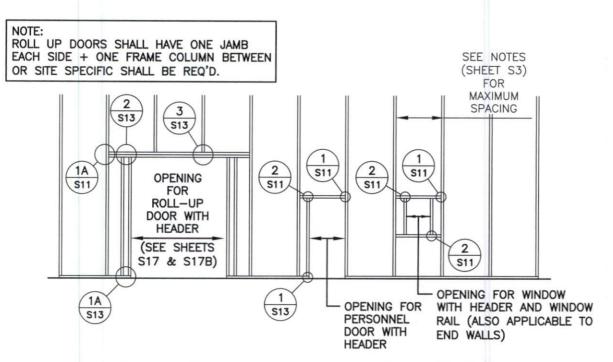
NOTE:
ROLL UP DOORS SHALL
HAVE ONE JAMB EACH
SIDE + ONE FRAME
COLUMN BETWEEN OR SITE
SPECIFIC SHALL BE REQ'D.



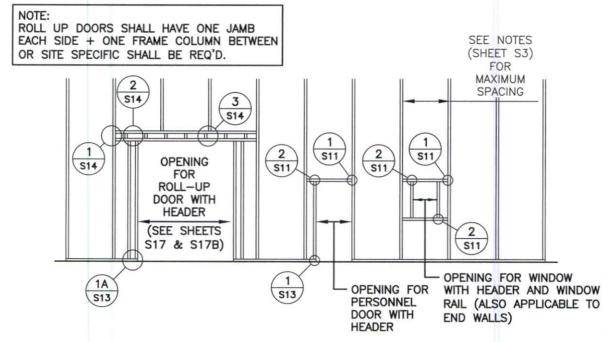
TYPICAL BOX EVE RAFTER END WALL OPENINGS FRAMING SECTION



BOX EVE RAFTER END WALL AND SIDE WALL OPENINGS

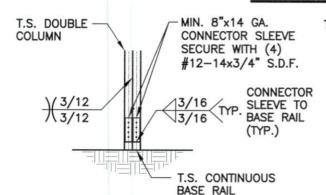


TYPICAL END WALL OPENING FRAMING SECTION



TYPICAL SIDE WALL OPENING FRAMING SECTION

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801	N.C. CARPORT	DRAWN BY:	POJECT NO:
	& GARAGES	BKS	MISC
WWW TAYLORVIOLA COM	116 EAST MARKET STREET	DATE:	sheet no:
	ELKIN, NORTH CAROLINA 28621	2023.02.01	S9A



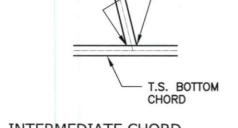
MIN. 8"x14 GA. T.S. COLUMN -CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4" S.D.F. CONNECTOR 3/16 TYP. SLEEVE TO BASE RAIL (TYP.) T.S. CONTINUOUS BASE RAIL

POST / BASE RAIL CONNECTION DETAIL S10 SCALE: 1/2" = 1'-0"

POST / BASE RAIL CONNECTION DETAIL S10

3/16 TYP. T.S. INTERMEDIATE CHORD

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



T.S. TOP CHORD -T.S. INTERMEDIATE CHORD 3/16

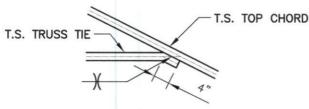
INTERMEDIATE CHORD TO BOTTOM CHORD CONNECTION DETAIL

S10

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

INTERMEDIATE CHORD TO TOP CHORD CONNECTION DETAIL

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

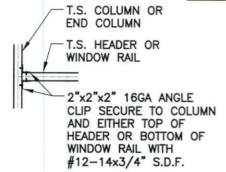


TRUSS TIE CONNECTION DETAIL S10 SCALE: 1/2" = 1'-0"

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

N.C. CARPORT GARAGES

116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621 DRAWN BY: POJECT NO: BKS MISC DATE: SHEET NO: 2023.02.01 **S10**



COLUMN OR WINDOW RAIL / WALL GIRT TO POST CONNECTION DETAIL

S11

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

T.S. COLUMN OR END COLUMN T.S. DOUBLE HEADER \/3/12 /3/12 2"x2"x2" 16GA ANGLE CLIP SECURE TO COLUMN AND EITHER TOP OF HEADER OR BOTTOM OF WINDOW RAIL WITH #12-14x3/4" S.D.F.

COLUMN / DOUBLE HEADER CONNECTION DETAIL

NO:

NO:

1A S11

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

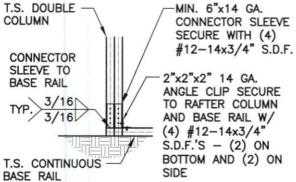
T.S. TRUSS RAFTER CHORD OR HEADER T.S. END POST OR-DOOR WINDOW FRAME POST 2"x2"x2" 16GA ANGLE CLIP SECURE TO POST NON-STRUCTURAL (EACH SIDE) AND HEADER, BASE RAFTER CHORD/RAIL RAIL, OR WITH #12-14x3/4" SDF WINDOW RAIL (2) ON BOTTOM AND (2) ON SIDE

> DOOR OR WINDOW HEADER RAIL TO POST CONNECTION DETAIL

S11

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

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA	N.C. CARPORT	Drawn by:	POJECT NO
	& GARAGES	BKS	MISC
TELE: 828-328-6331 FAX: 828-322-1801 WWW : TAYLORVIOLA : COM	116 EAST MARKET STREET	DATE:	SHEET NO:
	ELKIN, NORTH CAROLINA 28621	2023.02.01	S11



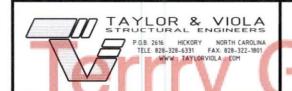
END COLUMN / BASE RAIL

CONNECTION DETAIL S12

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

T.S. DOUBLE -MIN. 6"x14 GA. COLUMN CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4" S.D.F. CONNECTOR SLEEVE TO 2"x2"x2" 14 GA. BASE RAIL ANGLE CLIP SECURE TYP. 3/16 TO RAFTER COLUMN 3/16 AND BASE RAIL W/ (4) #12-14x3/4" S.D.F.'S - (2) ON BOTTOM AND (2) ON T.S. CONTINUOUS BASE RAIL END COLUMN / BASE RAIL CONNECTION DETAIL

S12 SCALE: 1/2" = 1'-0"



N.C. CARPORT GARAGES

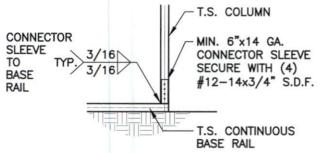
116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621 DRAWN BY: POJECT NO: BKS MISC DATE: SHEET NO: **S12** 2023.02.01

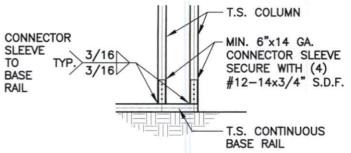
CONNECTOR SLEEVE TYP. TO BASE

RAIL

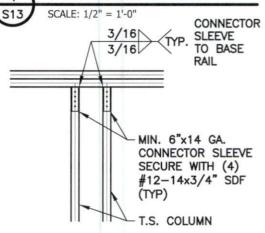
3/16

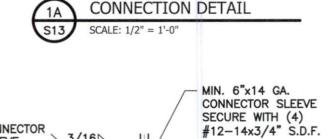
3/12





COLUMN / BASE RAIL CONNECTION DETAIL





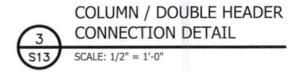
T.S. COLUMN

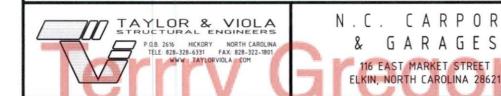
T.S. DOUBLE HEADER

COLUMN / BASE RAIL

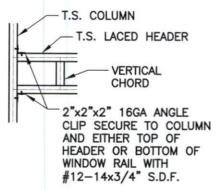
DOUBLE HEADER / COLUMN CONNECTION DETAIL

S13 | SCALE: 1/2" = 1'-0"





T	DRAWN BY: BKS	POJECT NO: MISC
Y	DATE: 2023.02.01	SHEET NO: \$13

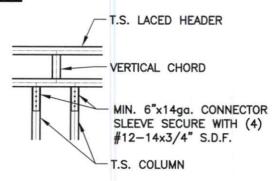


COLUMN / LACED HEADER CONNECTION DETAIL

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

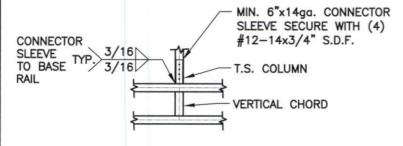
S14

S14



LACED HEADER / COLUMN CONNECTION DETAIL

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



COLUMN / LACED HEADER CONNECTION DETAIL

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

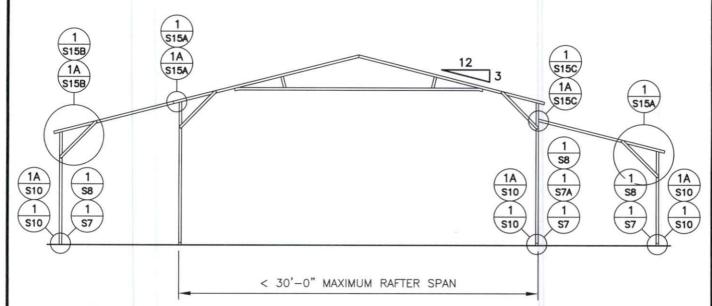


N.C	e		Α	R	P	0	R	Τ
&	G	Α	R	Α	G	Ε	S	

116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621

DRAWN BY:	POJECT NO:
BKS	MISC
DATE: 2023.02.01	SHEET NO:

BOX EVE RAFTER LEAN-TO OPTIONS



TYPICAL LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

MAXIMUM WIDTH OF SINGLE MEMBER ROOF EXTENSION AND LEAN-TO OPTION IS 12'-0" MAXIMUM WIDTH OF DOUBLE MEMBER ROOF EXTENSION AND LEAN-TO IS 15'-0" 12'-0" MAX. LEAN-TO HEIGHT WITH SINGLE COLUMN

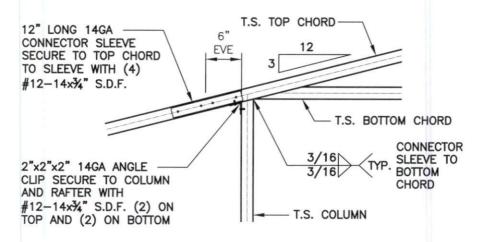
TA STR	YLOR & VIOLA
	P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM

Ν	. (Α	R	P	0	R	Τ
	&	G	Α	R	Α	G	Ε	S	
M.d	447	FAC	TM	A DI	rT.	CTI	255	T	dill's

116	EAST	MARKE	ET STE	REET
ELKIN,	NORT	H CAR	OLINA	28621

DRAWN BY:	POJECT NO:
BKS	MISC
DATE: 2023.02.01	SHEET NO:

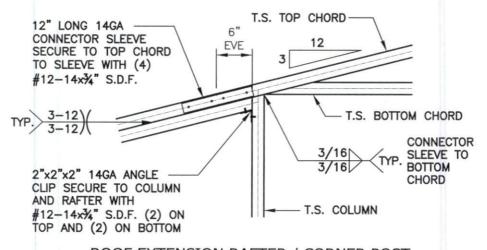
LEAN-TO CONNECTION DETAILS



ROOF EXTENSION RAFTER / CORNER POST DETAIL FOR WIDTHS < 12'-0"

S15A

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

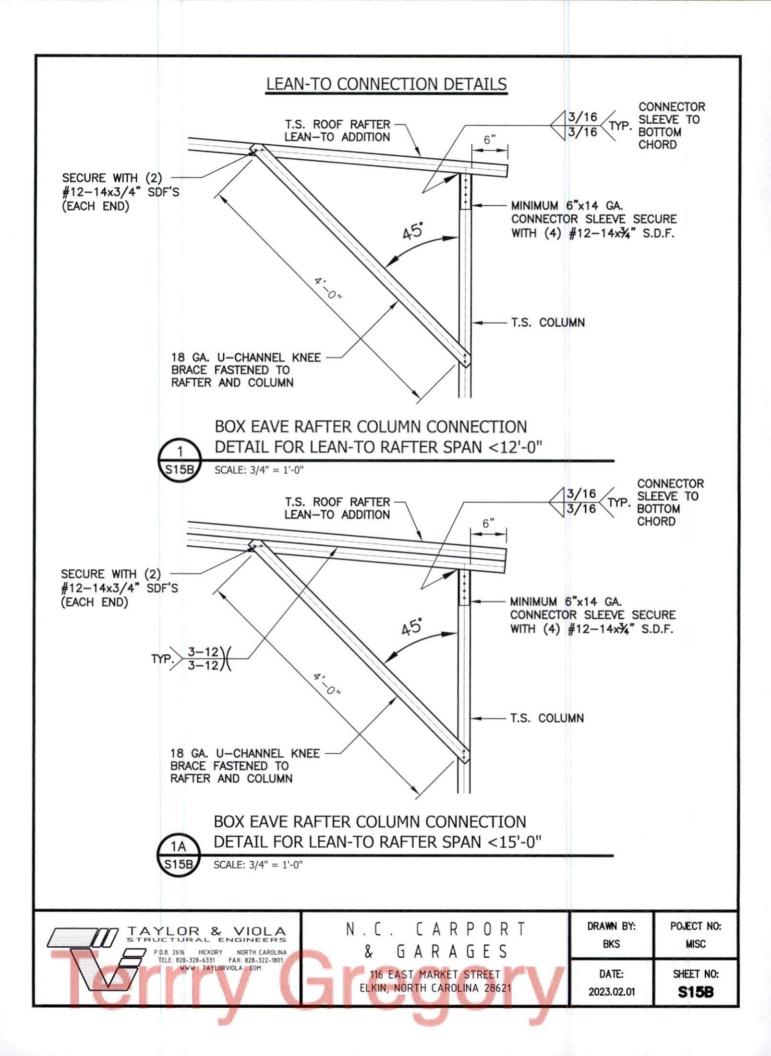


ROOF EXTENSION RAFTER / CORNER POST DETAIL FOR WIDTHS < 15'-0"

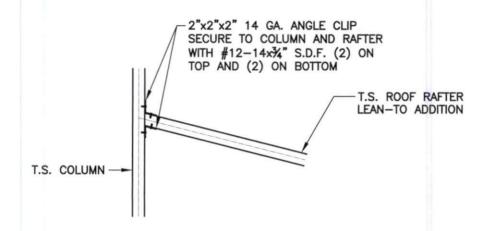
S15A

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

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.0.8 2616 HICKORY NORTH CAROLINA	N.C. CARPORT	DRAWN BY:	POJECT NO:
	& GARAGES	BKS	MISC
TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM	116 EAST MARKET STREET	DATE:	SHEET NO:
	ELKIN, NORTH CAROLINA 28621	2023.02.01	S15A



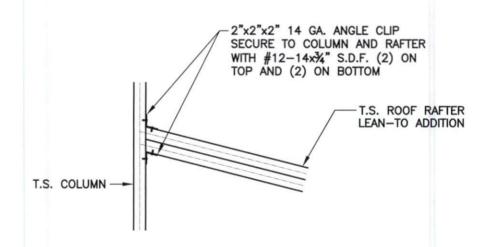
LEAN-TO CONNECTION DETAILS



LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS < 12'-0"

S15C

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



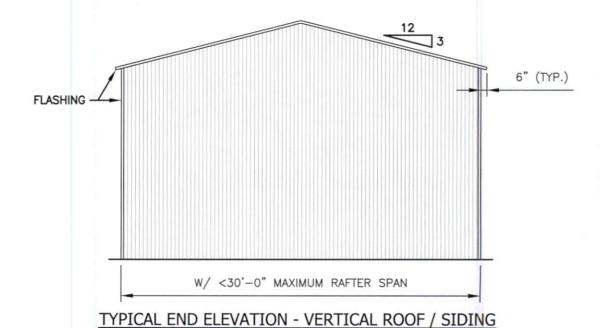
LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL FOR WIDTHS < 15'-0"

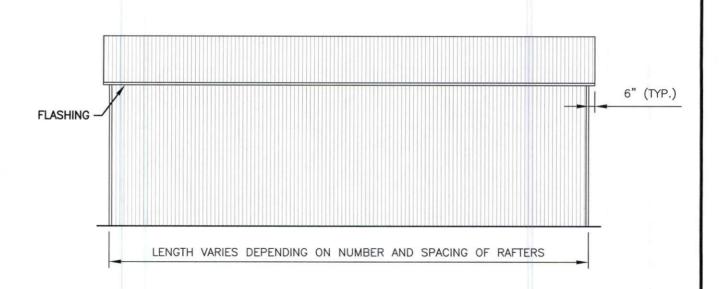
S15C

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

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.D.B. 2616 HICKORY NORTH CAROLINA TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM	N.C. CARPORT & GARAGES	DRAWN BY: BKS	POJECT NO: MISC
	116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621	DATE: 2023.02.01	SHEET NO: S15C

VERTICAL ROOF / SIDING OPTION

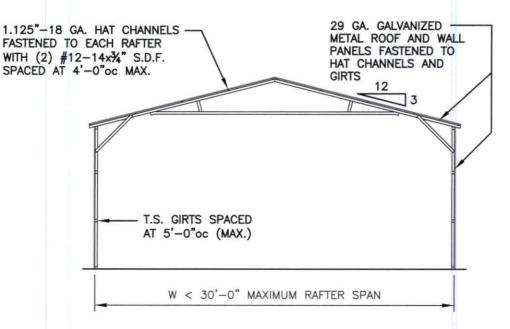




TYPICAL SIDE ELEVATION - VERTICAL ROOF / SIDING



VERTICAL ROOF / SIDING OPTION

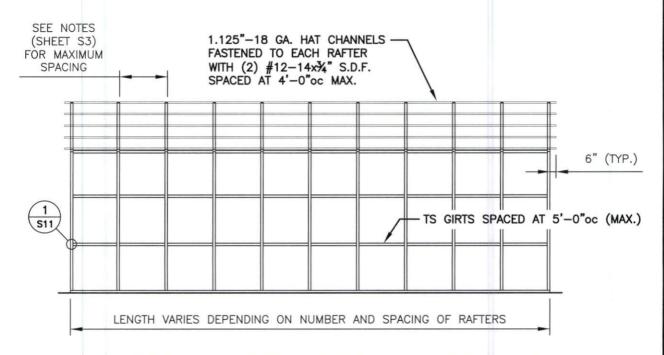


TYPICAL SECTION VERTICAL ROOF / SIDING OPTION

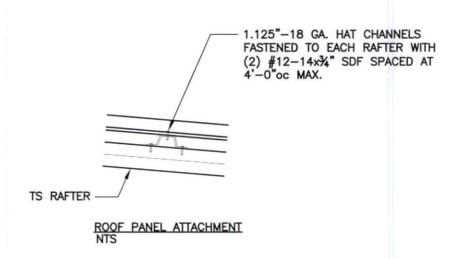
NOTE: H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga. MATERIAL MAY BE USED FOR TRUSS METAL.



VERTICAL ROOF / SIDING OPTION

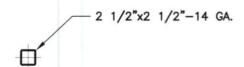


TYPICAL SIDE FRAMING SECTION VERTICAL ROOF / SIDING OPTION

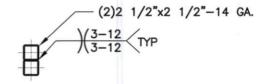




SIDE WALL HEADER OPTIONS



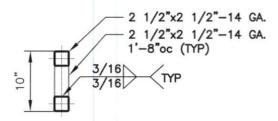
HEADER DETAIL FOR DOOR OPENINGS < 4'-0" NTS



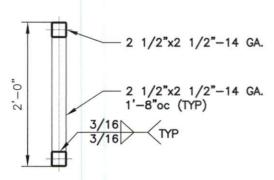
HEADER DETAIL FOR DOOR

OPENINGS 4'-1" < TO < 12'-0"

NTS



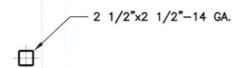
LACED HEADER DETAIL FOR DOOR OPENINGS 12'-1" < TO < 15'-0" NTS



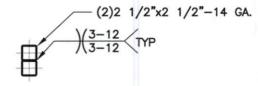
LACED HEADER DETAIL FOR DOOR OPENINGS 15'-1" < TO < 20'-0"

TAYLOR & VIOLA STRUCTURAL ENGINEERS P.O.B. 2616 HICKORY NORTH CAROLINA	N.C. CARPORT	DRAWN BY:	POJECT NO:
	& GARAGES	BKS	MISC
TELE: 828-328-6331 FAX: 828-322-1801 WWW TAYLORVIOLA : COM	116 EAST MARKET STREET	DATE:	SHEET NO:
	ELKIN, NORTH CAROLINA 28621	2023.02.01	S17

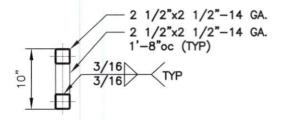
END WALL HEADER OPTIONS



HEADER DETAIL FOR DOOR OPENINGS < 7'-0"



HEADER DETAIL FOR DOOR
OPENINGS 7'-1" < TO < 16'-0"
NTS



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

TA STR	YLOR & VIOLA
	P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828–328–6331 FAX: 828–322–1801 WWW TAYLORVIOLA COM

N	. [Α	R	P	0	R	Τ
	&	G	Α	R	Α	G	Ε	S	
116 EAST MARKET STREET									
育	ELKIN	, NO	RTH	CA	ROL	INA	28	621	1

DRAWN BY:	POJECT NO:		
BKS	MISC		
DATE:	SHEET NO:		
2023.02.01	S17A		

C A R P O R T	DRAWN BY:	POJECT NO:
A R A G E S	BKS	MISC
ST MARKET STREET	DATE:	SHEET NO:
ORTH CAROLINA 28621	2023.02.01	S17A