

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



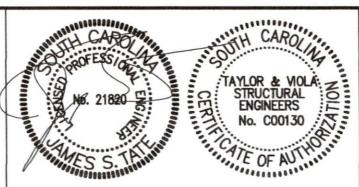


Peter Bertol

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)



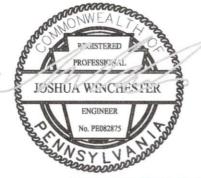
DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2021 SC BUILDING CODE (2021 IBC)



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



N.C. CARPORT & GARAGES

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



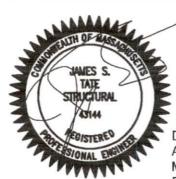
DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC



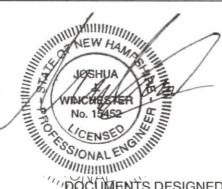
DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2021 BUILDING CODE OF ALABAMA (2021 IBC)



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC



DOCUMENTS DESIGNED AND DRAWN TO MEET THE NINETH EDITION OF THE MA STATE BUILIDING CODE



"DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC



DOCUMENTS DESIGNED AND DRAWN TO MEET THE 2018 IBC



PD.B. 26.16 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 E	Y:
BKS	

POJECT NO: MISC

DATE: SHEET NO: 2023.02.01 81

SHEET INDEX

SHEET NUMBER	SHEET TITLE
so ———	SEALED COVER SHEET
S1 ———	P.E. SEALS SHEET
S1A	P.E. SEALS SHEET
S2 ———	DRAWING INDEX
S3 ———	GENERAL NOTES AND SPECIFICATIONS
S4 ———	SIDE AND END ELEVATIONS
S5 ———	TYPICAL RAFTER / COLUMN FRAME SECTIONS
S5A	TYPICAL RAFTER / 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
	BASE RAIL ANCHORAGE
I CAR OTHER DE	BASE RAIL ANCHORAGE
LINEAR MARKET	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
S15B	LEAN-TO CONNECTION DETAILS
S15C	LEAN-TO CONNECTION DETAILS
	VERTICAL ROOF / SIDING OPTION END AND SIDE ELEVATION
	VERTICAL ROOF / SIDING OPTION END SECTION
S16B	VERTICAL ROOF / SIDING OPTION SIDE SECTION
S17 ———	SIDE WALL HEADER OPTIONS
S17A	END WALL HEADER OPTIONS



N	. [C	Α	R	P	0	R	T
	&	G	A	R	A	G	E	S	

116	EAST	M	ARKET	STR	EET
ELKIN.	NOR	ТН	CAROL	INA	28621

Name and Address of the Owner, where	DRAWN BY: BKS	POJECT NO: MISC
The state of the s	DATE: 2023.02.01	SHEET NO:

DESIGN LOADS:

IMPORTANCE FACTORS	SNOW (1s	1.00 1.00 1.00		
DEAD LOADS	ROOF COLLATERAL	0	PSF PSF	
LIVE LOADS	ROOF	20	PSF	
GROUND SNOW LOAD:		_30	PSF	
GROUND LOAD:	BASIC WIND SPEED EXPOSURE CATAGORY		mph (ASCE 7-10)	* DRIFT LOAD HAS NOT BEEN CALCULATED
SEISMIC DESIGN CATAGORY	A			
COMPLIANCE WITH SECTION	1616.49	X NO	YES	
PROVIDE THE FOLLOWING SE	ISMIC DESIGN PARAMET	ERS:		
OCCUPANCY CATEGORY	1			
SPECTRAL RESPONSE ACCEL	ERATION Se _20).5 %g	S1 <u>8.8</u> %	
SITE CLASSIFICATION D	FIELD TES	T 🗌 F	PRESUMPTIVE H	ISTORICAL DATA
BASIC STRUCTURAL SYSTEM	(CHECK ONE)			
BEARING WALL X BUILDING FRAME MOMENT FRAME	DUAL W/ DUAL W/ INVERTED		L MOMENT FRAME DIATE R/C OR SPECI IM	al steel
ANALYSIS PROCEDURE	SIMPLIFIEDX	_ EQUIVA	LANT LATERAL FORCE	EMODAL
LATERAL DESIGN CONTROL?	EARTHQUAKE	_X	WIND	
SOIL BEARING CAPACITIES: PRESUMPTIVE BEARING CAPA	ACITIES:	2,000	_PSF	
GENERAL NOTES:				

- 1. MAX FRAME SPACING SHALL BE 60"oc UNLESS NOTED OTHERWISE.
- 2. MAX. END-WALL COLUMN SPACING SHALL BE 60"00 UNLESS NOTED OTHERWISE.
- 3. TUBE MATERIAL SHALL BE $2-1/2^{\circ} \times 2-1/2^{\circ} \times 14$ Ga. 50 KSI MIN. UNLESS NOTED OTHERWISE.
- 4. ALL FASTENERS SHALL BE #12 SELF TAPPING AT 9"o.c. UNLESS NOTED OTHERWISE.
- 5. 2,000 PSF ASSUMED BEARING CAPACITY UNLESS NOTED OTHERWISE.

TAYLOR & VIOLA
P.D.B. 2616 HICKORY NORTH CAROLINA TELE: 628-328-6331 FAX 828-322-1801 WWW.TAYLORVIOLA COM

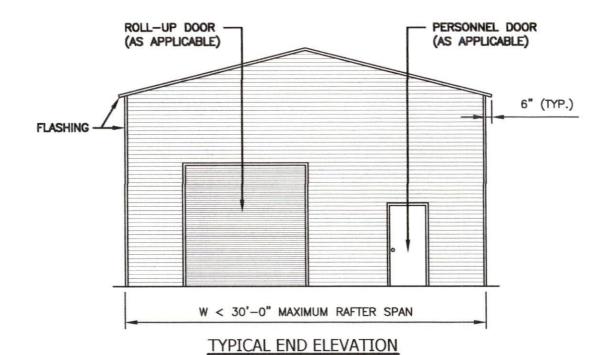
N	. [Α	R	P	0	R	T
	&	G	A	R	A	G	E	S	
	116	EAST	М	ARK	ET	STI	REE	Т	

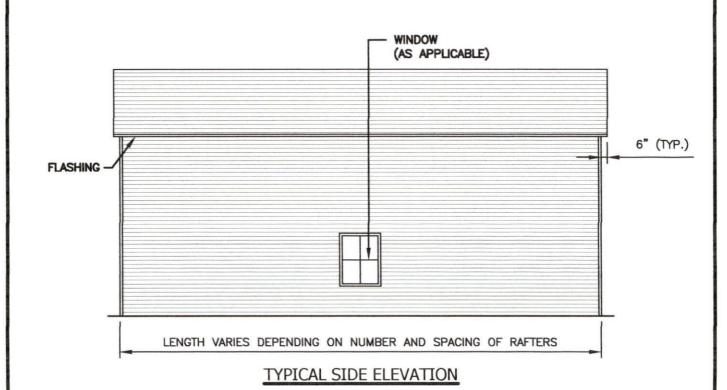
Laitud	911	Dist.	25	11	200	28.0	Bib.
116	EAST	М	ARK	ET	STE	REE	Г
ELKIN	, NOR	TH	CA	ROL	INA	28	621

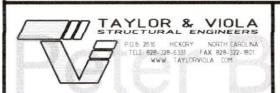
DRAWN BY:	POJECT NO:
BKS	MISC

DATE:	SHEET NO
2023.02.01	S3

BOX EVE FRAME RAFTER STURCTURE

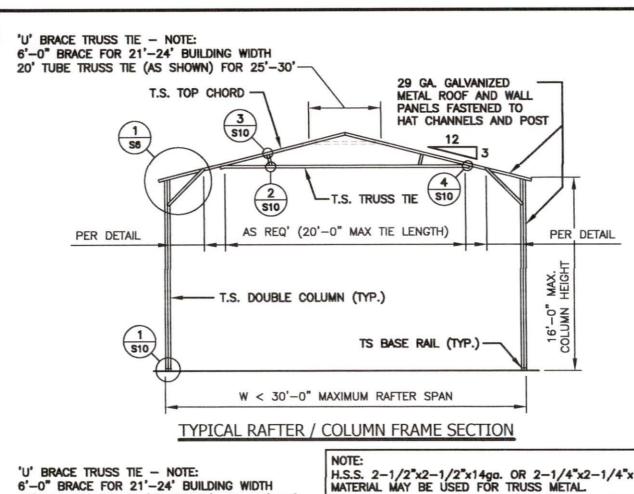


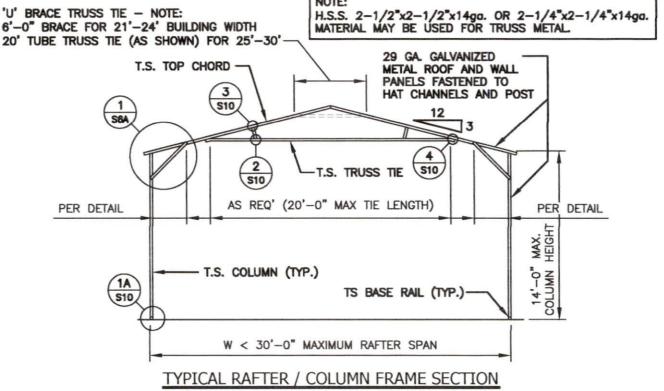




N.C. CARPORT & GARAGES

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





N.C. CARPORT

& GARAGES

116 EAST MARKET STREET

ELKIN, NORTH CAROLINA 28621

TAYLOR & VIOLA

POB 2616 HIEKORY NORTH EAROLNA TELE 828-328-6331 FAX 828-322-901 WWW TAYLORVIOLA COM DRAWN BY:

BKS

DATE:

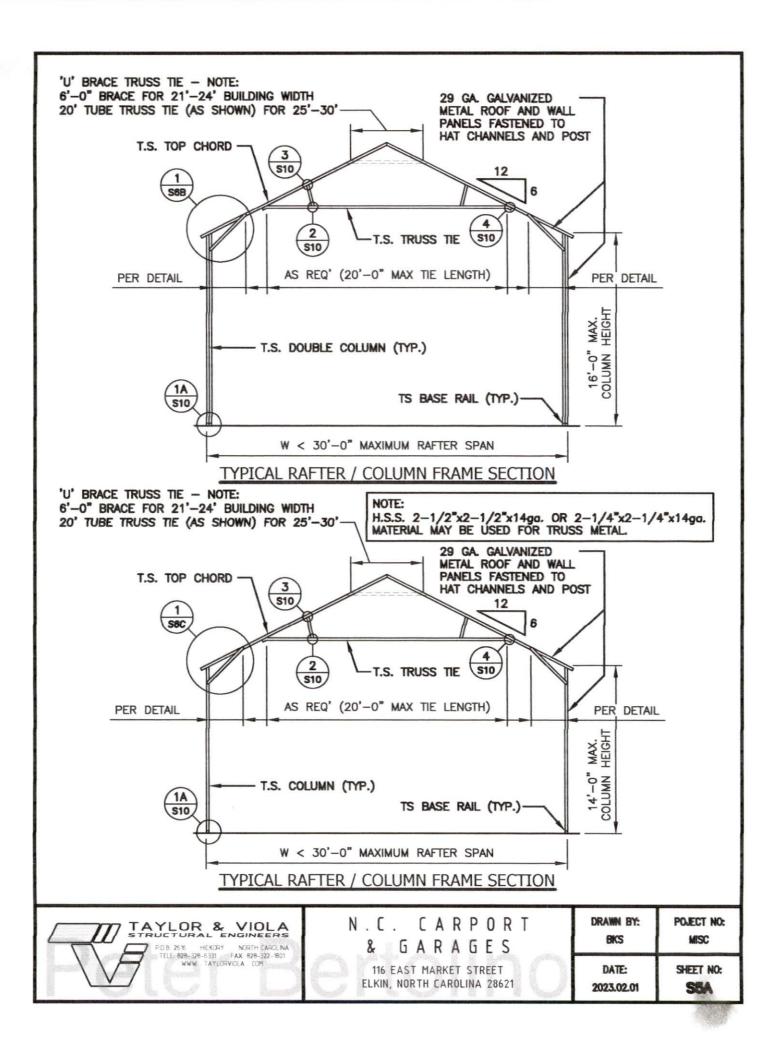
2023.02.01

POJECT NO:

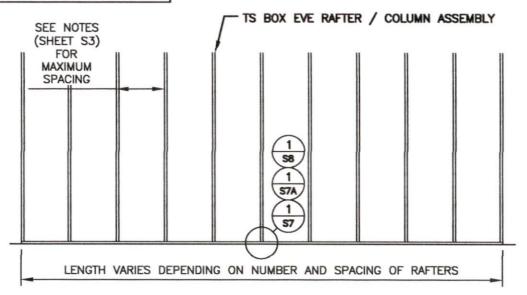
MISC

SHEET NO:

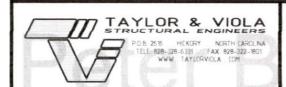
S5



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.

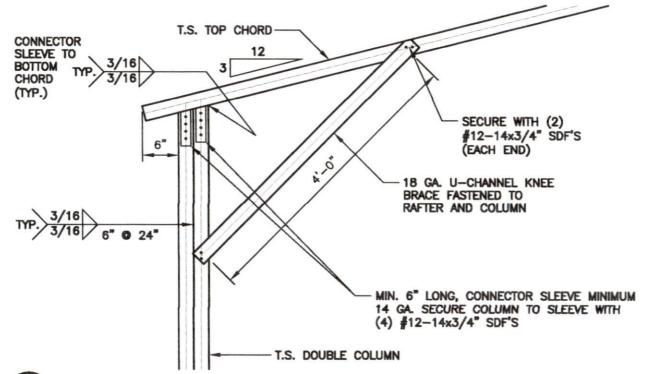


TYPICAL RAFTER / COLUMN SIDE FRAME SECTION



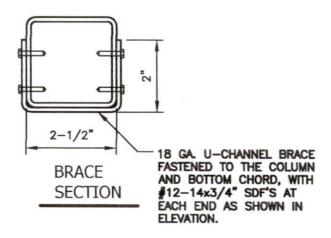
N.C. CARPORT & GARAGES

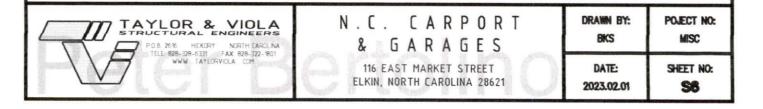
DRAWN BY:	POJECT NO:		
BKS	MISC		
DATE: 2023.02.01	SHEET NO:		

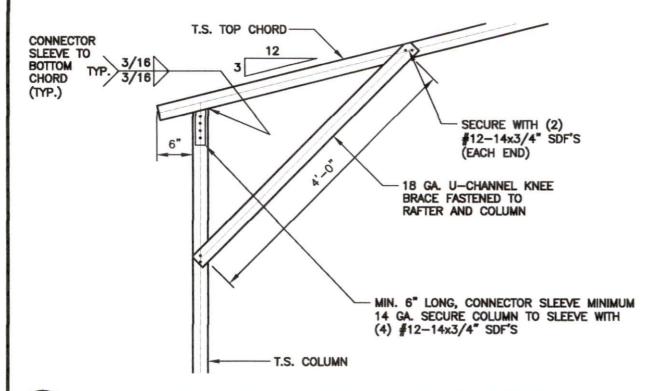


BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS 14'-1" < TO <16'-0"

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



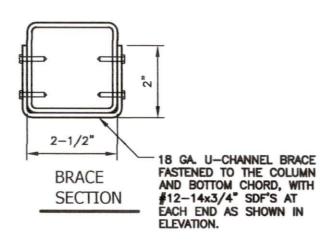




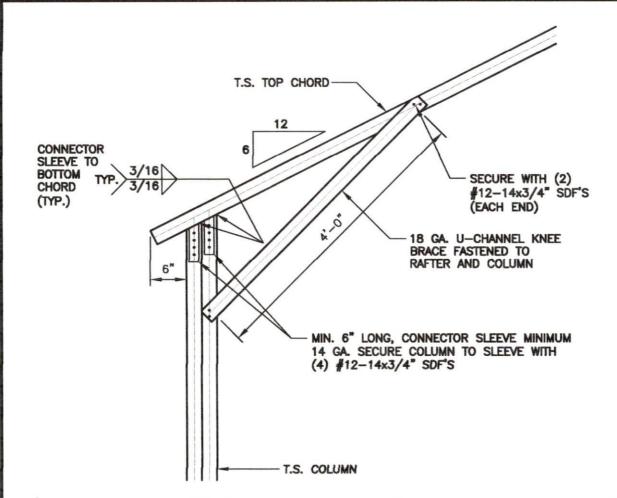
BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS < 14'-0"

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

S6A



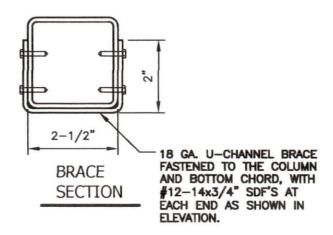




BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS 14'-1" < TO <16'-0"

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

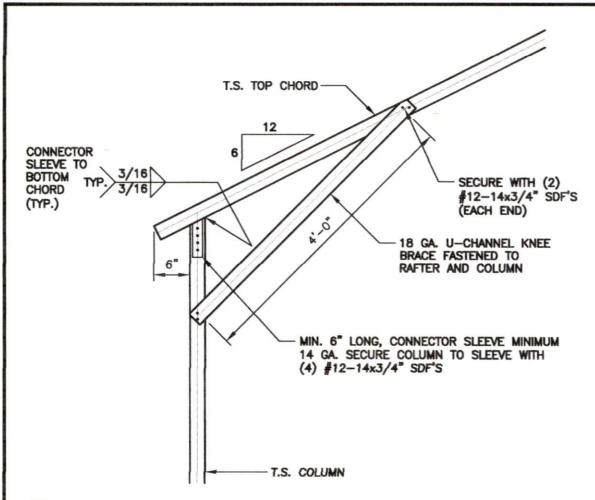
S6C





N.C. CARPORT & GARAGES

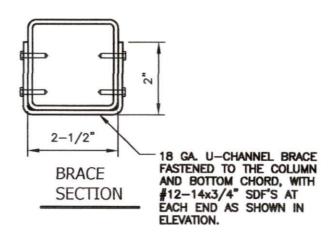
	WN BY: BKS	POJECT NO: MISC
-	ATE: 3.02.01	SHEET NO:

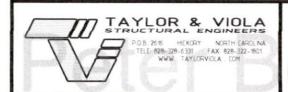


BOX EAVE / CORNER POST CONNECTION DETAIL FOR HEIGHTS < 14'-0"

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

S6C

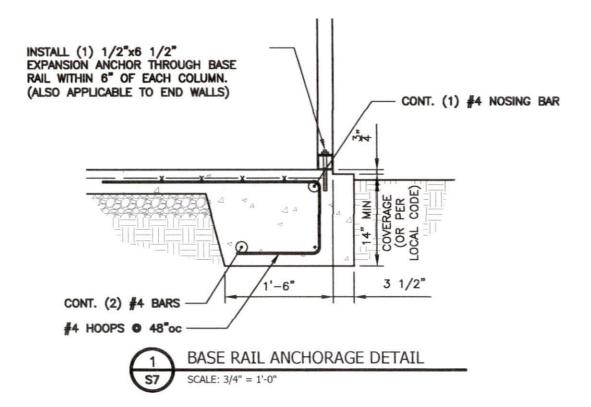




1	١. ٢		C	A	R	P	0	R	T	
	&	G	A	R	A	G	E	S		
	116	EAS	T M	ARK	ET	STI	REE	Т		
	FLKIN	NO	RTH	rA	ROI	INA	28	621		

Drawn by:	POJECT NO:			
BKS	MISC			
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:

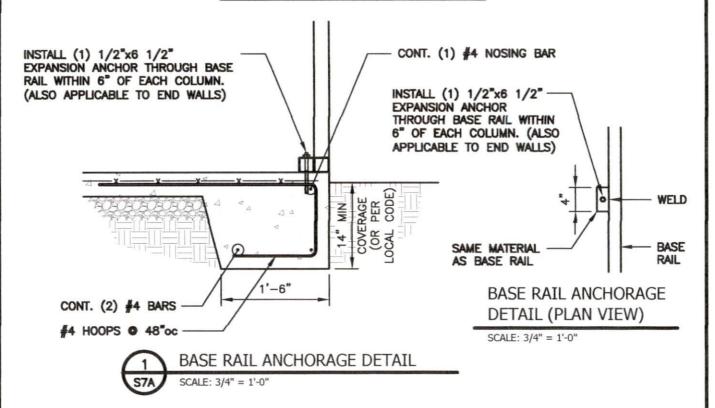
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

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.D.B. 266 HIKKORY NORTH CROOLNA TELE 808-208-6331 FAX 828-322-901	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	\$7

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.

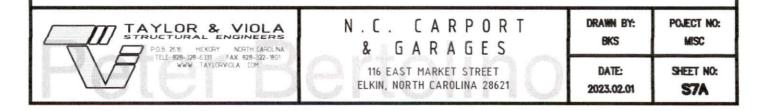
REINFORCING STEEL:

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.

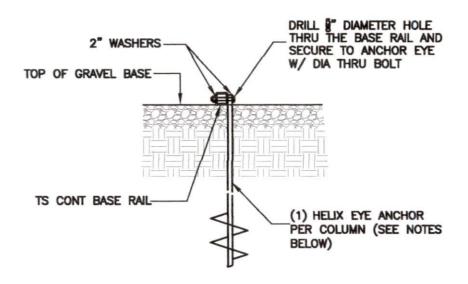
REINFORCEMENT MAT BE BENT IN THE SHOP OF THE FIELD PROVIDED:

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.



SOIL NAIL BASE RAIL ANCHORAGE



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

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

BASE RAIL ANCHORAGE DETAIL

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

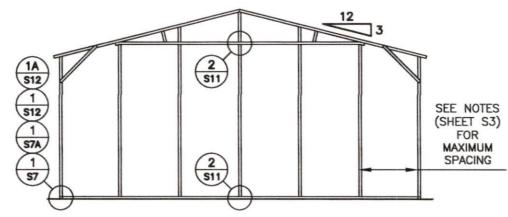
FOR VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS AND ALLUVIAL FILL, USE MIN (2) 8" HELICES WITH MINIMUM 60" EMBEDMENT



N.C. CARPORT & GARAGES

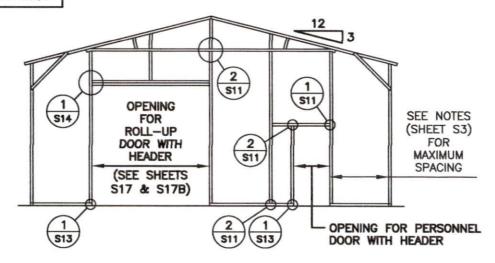
DRAWN BY:	POJECT NO:		
BKS	MISC		
DATE: 2023.02.01	SHEET NO:		

BOX EVE RAFTER END WALL OPENINGS

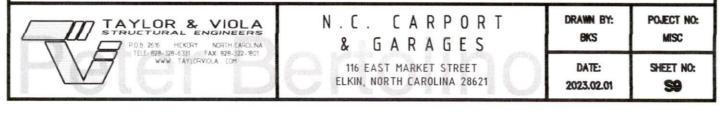


TYPICAL BOX EVE RAFTER / END WALL COLUMN FRAME SECTION

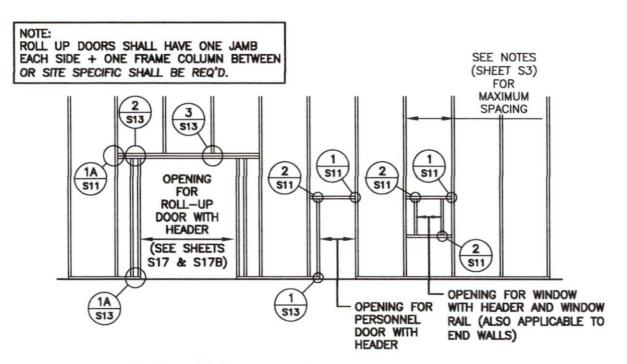
NOTE: ROLL UP DOORS SHALL HAVE ONE JAMB EACH SIDE + ONE FRAME COLUMN BETWEEN OR SITE SPECIFIC SHALL BE REQ'D.



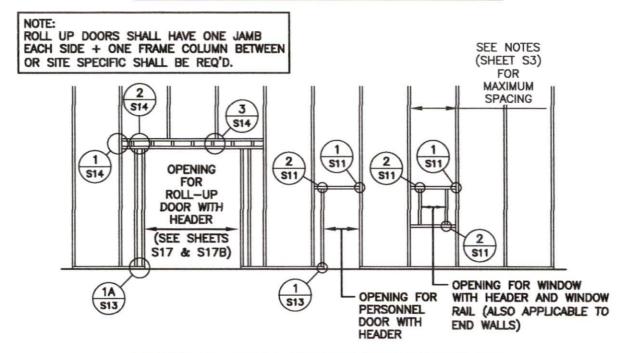
TYPICAL BOX EVE RAFTER END WALL OPENINGS FRAMING SECTION



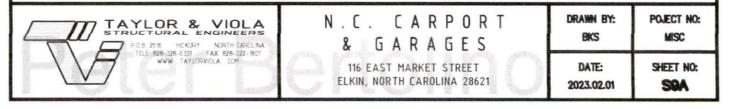
BOX EVE RAFTER END WALL AND SIDE WALL OPENINGS

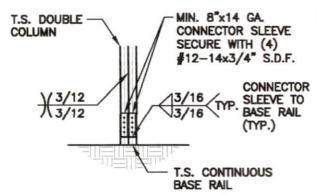


TYPICAL END WALL OPENING FRAMING SECTION

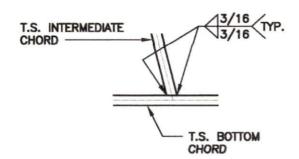


TYPICAL SIDE WALL OPENING FRAMING SECTION





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



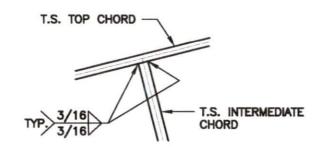
INTERMEDIATE CHORD TO BOTTOM CHORD CONNECTION DETAIL

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

S10

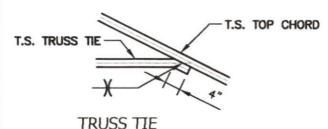
MIN. 8"x14 GA. T.S. COLUMN -CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4" S.D.F. CONNECTOR 3/16 TYP. SLEEVE TO 3/16 TYP. BASE RAIL (TYP.) T.S. CONTINUOUS BASE RAIL

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



INTERMEDIATE CHORD TO TOP CHORD CONNECTION DETAIL

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

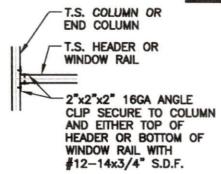


CONNECTION DETAIL SCALE: 1/2" = 1'-0" S10



N	. (C	Α	R	P	0	R	T	
	&	G	A	R	A	G	E	S		
	116	FAS	ТМ	ARK	ET	STI	REF	Т		

.C. CARPORT & GARAGES	DRAWN BY: BKS	POJECT NO:	
116 EAST MARKET STREET	DATE:	SHEET NO:	
ELKIN, NORTH CAROLINA 28621	2023.02.01	\$10	



COLUMN OR WINDOW RAIL / WALL GIRT TO POST CONNECTION DETAIL

(1) (S11)

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

T.S. COLUMN OR END COLUMN

T.S. DOUBLE HEADER

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

1A S11

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

T.S. END POST OR DOOR WINDOW FRAME POST

T.S. NON-STRUCTURAL HEADER, BASE RAIL, OR WINDOW RAIL

T.S. TRUSS RAFTER CHORD OR HEADER

2"x2"x2" 16GA ANGLE CLIP SECURE TO POST (EACH SIDE) AND RAFTER CHORD/RAIL WITH #12-14x3/4" SDF

DOOR OR WINDOW HEADER RAIL TO POST CONNECTION DETAIL

(2) ON BOTTOM AND (2)

2 S11

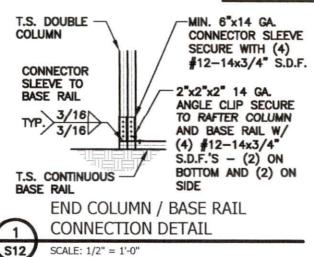
SCALE: 1/2" = 1'-0"

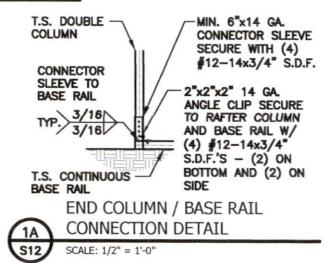
TAYLOR & VIOLA
STRUCTURAL ENGINEERS

PO.B. 26'6 HICKORY NORTH CAROLINA
TELE: 928-328-6331 FAX 928-322-901
WWW TAYLORVIOLA (CM

N.C. CARPORT & GARAGES

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





TAYLOR & VIOLA
STRUCTURAL ENGINEERS

POB 26% HICKORY NORTH CAROLNA
TELE 828-229-6331 FAX 828-322-801
WWW TAYLORVIOLA COM

N.C. CARPORT

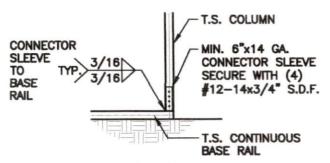
& GARAGES

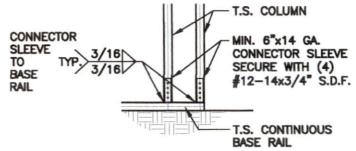
116 EAST MARKET STREET
ELKIN, NORTH CAROLINA 28621

DRAWN BY:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:
2023.02.01	\$12

S13

)(3/12 3/12

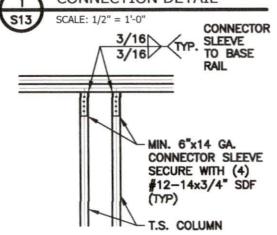


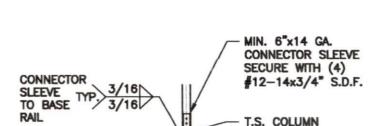


COLUMN / BASE RAIL

CONNECTION DETAIL

COLUMN / BASE RAIL CONNECTION DETAIL



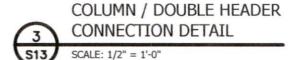


SCALE: 1/2" = 1'-0"

DOUBLE HEADER / COLUMN CONNECTION DETAIL

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

S13



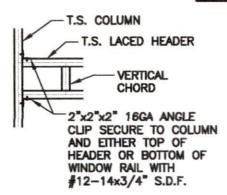


N.C. CARPORT & GARAGES 116 EAST MARKET STREET

ELKIN, NORTH CAROLINA 28621

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

T.S. DOUBLE HEADER



T.S. LACED HEADER VERTICAL CHORD MIN. 6"x14ga. CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4" S.D.F. T.S. COLUMN

COLUMN / LACED HEADER CONNECTION DETAIL SCALE: 1/2" = 1'-0"

LACED HEADER / COLUMN CONNECTION DETAIL

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

MIN. 6"x14ga. CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4" S.D.F. CONNECTOR 3/16 SLEEVE TYP 3/16 T.S. COLUMN RAIL VERTICAL CHORD

> COLUMN / LACED HEADER CONNECTION DETAIL

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

TAYLOR & VIOLA 2616 HICKORY NORTH EAROLINA 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: 2023.02.01 514

BOX EVE RAFTER LEAN-TO OPTIONS 1 S15A \$15B S150 **S8** 1A \$10 1 \$10 S10 S7A S8 S10

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

< 30'-0" MAXIMUM RAFTER SPAN

1

S10

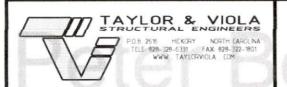
1

\$10

1

S7

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



N.C. CARPORT & GARAGES

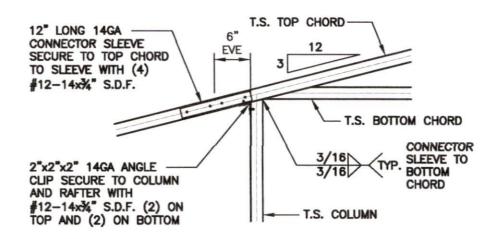
116 EAST MARKET STREET ELKIN, NORTH CAROLINA 28621

Drawn by:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:

2023.02.01

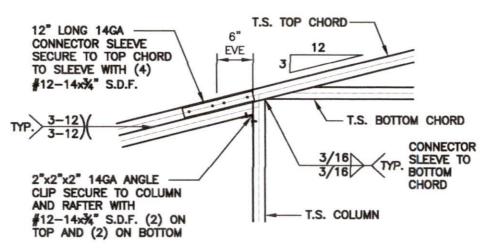
S15

LEAN-TO CONNECTION DETAILS



1 S15A ROOF EXTENSION RAFTER / CORNER POST DETAIL FOR WIDTHS < 12'-0"

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



1A S15A ROOF EXTENSION RAFTER / CORNER POST DETAIL FOR WIDTHS < 15'-0"

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

TA STE	YLOR & VIOLA
NA	P.O.B. 2616 HICKORY NORTH CAROLINA TELE B28-328-6331 FAX 828-322-1801 WWW TAYLORVIOLA COM

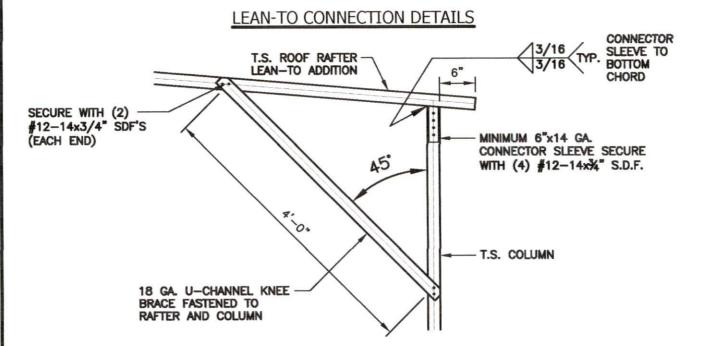
N	. (C	Α	R	P	0	R	T	
	&	G	A	R	A	G	E	S		
	116	EAST	М	ARK	ET	STI	REE	Т		

116 H	EAST	M	ARKET	STR	EET
ELKIN,	NORT	ГН	CAROL	INA	28621

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

S15A

2023.02.01



BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR LEAN-TO RAFTER SPAN <12'-0"

SCALE: 3/4" = 1'-0" CONNECTOR 3/16 TYP. SLEEVE TO T.S. ROOF RAFTER 3/16 BOTTOM LEAN-TO ADDITION CHORD SECURE WITH (2) — #12-14x3/4" SDF'S (EACH END) MINIMUM 6"x14 GA. CONNECTOR SLEEVE SECURE WITH (4) #12-14x34" S.D.F. - T.S. COLUMN 18 GA. U-CHANNEL KNEE BRACE FASTENED TO RAFTER AND COLUMN

BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR LEAN-TO RAFTER SPAN <15'-0"

1A S15B

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

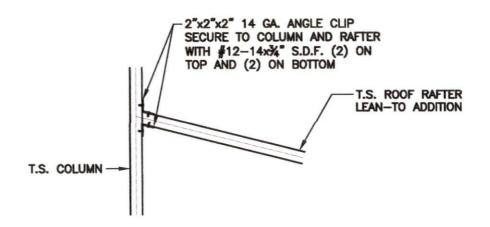
TA STR	YLOR & VIOLA
NA	P.O.B. 2616 HICKORY NORTH EAROLINA TELE: 828–328–6331 FAX: 828–322–1801 WWW TAYEORVIOLA COM
\ \ / /	

N.C. CARPORT & GARAGES

116 E	AST	M	ARKET	STR	EET
ELKIN,	NORT	ГН	CAROL	INA	28621

DRAWN BY:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:
2023.02.01	S158

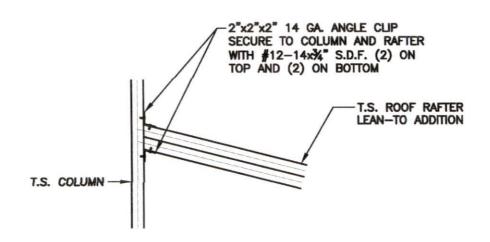
LEAN-TO CONNECTION DETAILS





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

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





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

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

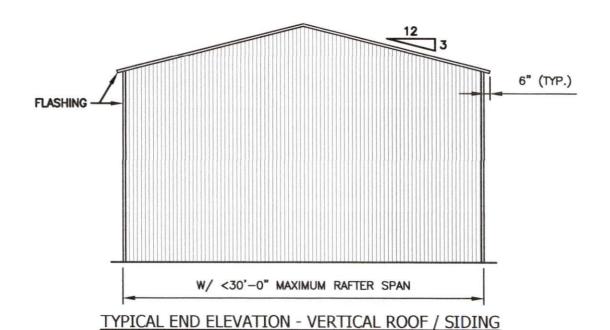


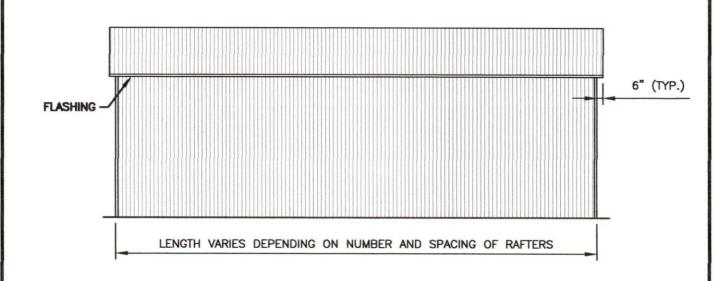
V		C		C	Α	R	P	0	R	T	
	8	,	G	A	R	A	G	E	S		

116	EAST	M	ARKET	STR	EET
ELKIN	. NOR	ТН	CAROL	INA	28621

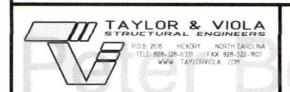
DRAWN BY: BKS	POJECT NO: MISC	The second secon
DATE:	SHEET NO:	Pet
2023 02 01	S150	

VERTICAL ROOF / SIDING OPTION





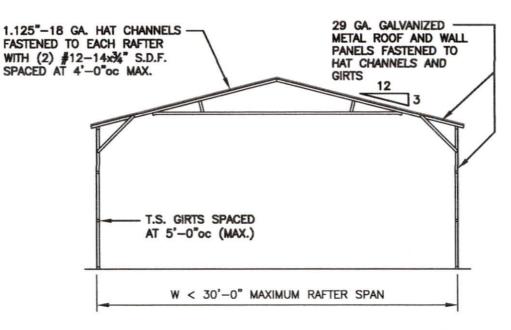
TYPICAL SIDE ELEVATION - VERTICAL ROOF / SIDING



N.C. CARPORT & GARAGES

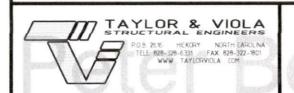
DRAWN BY:	POJECT NO:
BKS	MISC
DATE: 2023.02.01	SHEET NO:

VERTICAL ROOF / SIDING OPTION



TYPICAL SECTION VERTICAL ROOF / SIDING OPTION

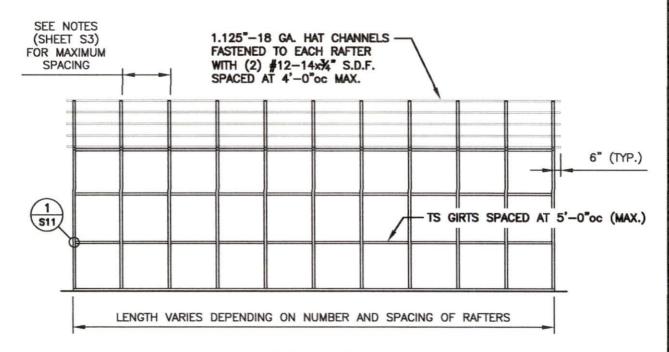
NOTE: H.S.S. 2-1/2"x2-1/2"x14ga. OR 2-1/4"x2-1/4"x14ga. MATERIAL MAY BE USED FOR TRUSS METAL.



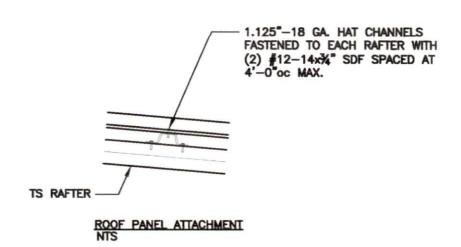
N		C		C	Α	R	P	0	R	T
	&		G	Α	R	A	G	E	S	

DRAWN BY:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:
2023.02.01	\$16A

VERTICAL ROOF / SIDING OPTION



TYPICAL SIDE FRAMING SECTION VERTICAL ROOF / SIDING OPTION



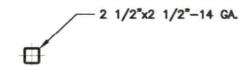


N	. С			A	R	P	0	R	T
	&	G	A	R	A	G	E	S	
	116	FAST	ГМ	ΔRK	FT	ST	RFF	Т	

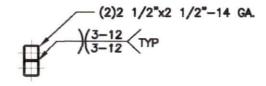
116	EAST	MA	ARKET	STR	EET
ELKIN	, NOR	ГН	CAROL	INA	28621

Drawn by:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:
2023.02.01	S16B

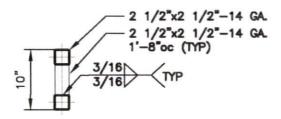
SIDE WALL HEADER OPTIONS



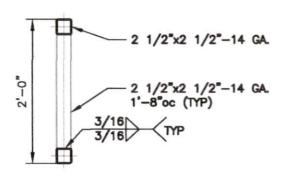
HEADER DETAIL FOR DOOR OPENINGS < 4'-0"



HEADER DETAIL FOR DOOR OPENINGS 4'-1" < TO < 12'-0"



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



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

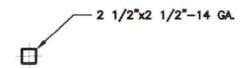
TAYLOR & VIOLA
P.O.B. 2616 HICKORY NORTH CAROLINA TELE: 828-329-6331 FAX: 828-322-1801 WWW TAYLORVIOLA COM
V

N	. (C	A	R	P	0	R	Τ	
	&	G	A	R	A	G	E	S		
	116	EAST	М	ARK	ET	STI	REE	Т		

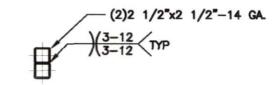
116	EAST	M	ARKET	STR	EET
ELKIN	, NOR	TH	CARO	LINA	28621

DRAWN BY:	POJECT NO:
BKS	MISC
DATE:	SHEET NO:
2023.02.01	\$17

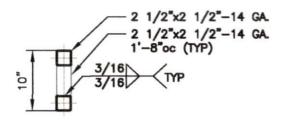
END WALL HEADER OPTIONS



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



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
NA	P.D.B. 2516 HICKORY NORTH CAROLINA TELE 828-328-5331 FAX 828-322-1801 WWW TAYLORVIOLA COM
\/	

N	. [Α	R	P	0	R	T	
	&	G	A	R	A	G	E	S		
	116	EAST	ГМ	ARK	ET	STI	REE	T		

116	EAST	MARKET	STR	EET
ELKIN	, NOR	TH CARO	LINA	28621

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