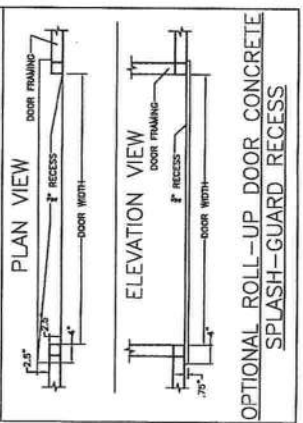


POST/TRUSS MAXIMUM SPACINGS			
ULTIMATE WINDSPEED (MPH)	STRUCTURE WIDTH (FT)	MAXIMUM POST/TRUSS SPACING (FT)	
120-150	8-24	5.0	
150-200	24-50	4.0	
210	N/C	4.0	

NOTES: 1. APPLICABLE FOR BUILDINGS WITH A MEAN ROOF HEIGHT OVER 20 FEET AND/OR WITH A MEAN RATED WIND SPEED OF 120 MPH OR GREATER.
2. MAXIMUM SPACING IN THE ADJACENT SUPPORTED PRODUCTS CHART AND THIS CHART ARE TO BE USED TO DETERMINE THE MINIMUM RATED WIND SPEED.
3. 6.0' REQUIRED VERTICAL ROOF.

GALVANIZATION:—METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS, AND NAILS EXPOSED DIRECTLY TO WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

BASE RAIL GROUND ANCHOR REQUIREMENTS: ONE WITHIN 6" OF EVERY POST LOCATION, AND BOTH SIDES OF OPENINGS WHERE BASE RAIL IS ABSENT. GROUND ANCHORS ARE NOT REQUIRED FOR CONCRETE FOOTING AND/OR CONCRETE SLAB CONSTRUCTION. SEE GROUND ANCHOR SCHEDULE (THIS SHEET) FOR SPECIFIC TYPE GROUND ANCHOR REQUIREMENTS.



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OPTIONAL ROLL-UP DOOR CONCRETE
SPLASH-GUARD RECESS

[illegible]



CODE INFORMATION		REV	DATE
MANUFACTURER	THE SHS INC. 2000 W. 10th Ave. #100	1	5/27/20
BUILDING TYPE	DETACHED GARAGE		
CONSTRUCTION TYPE	STEEL TRUSS		
TRUSS CATEGORY	1		
FIRE PROTECTION	None		
FIRE SUPPRESSION SYSTEM	None		
OCCUPANCY	INTUIT U		
BASE WIND SPEED	140 mph		
EXPOSURE	B		
ENCLOSURE	ENCLOSURE		
WIND PRESSURE COEFFICIENT	1.7		
WIND FORCE FACTOR	1.0		
ROOF LIVE LOAD	20 psf		
ROOF DEAD LOAD	10 psf		
FLOOR LIVE LOAD	40 psf		
FLOOR DEAD LOAD	10 psf		
7" RATING OF WALLS, FLOOR, ROOF	N/A		
MODULUS PER BUILDING	1		
HURRICANE PROTECTION GRADE	1		
HURRICANE SHUTTER USAGE	1		
SQUARE FOOTAGE	144		
REV	DESCRIPTION	DATE	BY

Drawn By:	MTB
Date:	5/27/20
Location:	FLORIDA
Project:	ENCLOSURE GENERIC ENGINEERING

- GENERAL NOTES:
- THIS BUILDING IS EXEMPT FROM THE IRC DANGER OF COLLAPSE REQUIREMENTS FOR WIND RESISTANCE.
 - ALL STEEL TUBING SHALL BE 60 KSI STEEL.
 - PLUMBING, ELECTRICAL, MECHANICAL, PROPERTY REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
 - ROOF AND WALL SHEATHING SECURED WITH #12-14x1" SELF-DRILLING SCREWS WITH SEAL.
 - FIELD FRAMING CONNECTIONS SECURED WITH #12-14x1" SELF-DRILLING SCREWS.
 - FIELD FRAMING CONNECTIONS SECURED WITH #12-14x1" SELF-DRILLING SCREWS.
 - IN SHIP BY A CERTIFIED WELDING SHOP. ALL WELDING SHALL BE TO THE REQUIREMENTS OF THE ASME SECTION 9. ALL WELDING SHALL BE 1/2" MIN. THICKNESS.
 - ALL 12 OR 14x4 FRAMING IS 2.0x2.5" TUBE STEEL.
 - WALLS ARE 2.0x2.5" TUBE STEEL.

Sheet:	CA-2	OF	3
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DETAILS

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NON-STRUCTURAL HEADER OR WINDOW RAIL TO POST DETAIL

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

BOW RAFTER TO POST CONNECTION DETAIL

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

BOX EAVE RAFTER TO POST CONNECTION DETAIL

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

40' BOX EAVE RAFTER TO POST CONNECTION DETAIL

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

TRUSSED RAFTER CONNECTION DETAIL

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

LEAN-TO TO TRUSS CONNECTION

2'x2'x2" 16 GA. ANGLE CLIPS SECURED WITH (4) #12-14x1" SELF-DRILLING SCREWS (PER CLIP). 2'x2'x2" 16 GA. ANGLE CLIP SECURED WITH (4) #12-14x1" SELF-DRILLING SCREWS. SINGLE OR DOUBLE TS HEADER.

ROOF PANEL CONNECTION

26 GAUGE ROOF SHEATHING SECURED WITH (1) #12-14x1" SELF-DRILLING SCREWS @ 2'-1-2" MAX. (9" O.C. MAX.). 1" 16 GAUGE FURRING CHANNEL 48" O.C. MAX. SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS TO EACH RAFTER.

ROOF PANEL CONNECTION VERTICAL SHEATHING OPTION

26 GAUGE ROOF SHEATHING SECURED WITH (1) #12-14x1" SELF-DRILLING SCREWS @ 2'-1-2" MAX. (9" O.C. MAX.). 1" 16 GAUGE FURRING CHANNEL 48" O.C. MAX. SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS TO EACH RAFTER.

LEAN-TO TO TRUSS CONNECTION DETAIL OPTION 1

26 GAUGE ROOF SHEATHING SECURED WITH (1) #12-14x1" SELF-DRILLING SCREWS @ 2'-1-2" MAX. (9" O.C. MAX.). 1" 16 GAUGE FURRING CHANNEL 48" O.C. MAX. SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS TO EACH RAFTER.

LEAN-TO TO TRUSS CONNECTION DETAIL OPTION 2

26 GAUGE ROOF SHEATHING SECURED WITH (1) #12-14x1" SELF-DRILLING SCREWS @ 2'-1-2" MAX. (9" O.C. MAX.). 1" 16 GAUGE FURRING CHANNEL 48" O.C. MAX. SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS TO EACH RAFTER.

POST TO TRUSS CONNECTION

26 GAUGE ROOF SHEATHING SECURED WITH (1) #12-14x1" SELF-DRILLING SCREWS @ 2'-1-2" MAX. (9" O.C. MAX.). 1" 16 GAUGE FURRING CHANNEL 48" O.C. MAX. SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS TO EACH RAFTER.

HYDROVENT DETAIL (OPTIONAL)

1-4" x 8" OPENING BETWEEN WALL STUDS. VENT IS SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS. MANUFACTURER'S INSTRUCTIONS.

END POST TO BASE RAIL CONNECTION

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

POST TO BASE RAIL CONNECTION

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

INTERMEDIATE POST TO HEADER/BASE RAIL/OR WINDOW RAIL DETAIL

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

DOOR FRAME TO POST CONNECTION

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

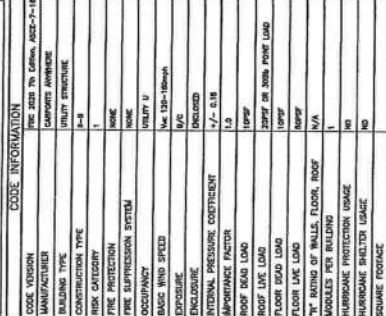
ROLL-UP DOOR TO POST CONNECTION

16 GA. U-CHANNEL BRACE, MIN. 24" UP TO 7' POST, MIN. 48" OVER 7' POST, MIN. 120" OVER 14' POST, MIN. 48" OVER 14' POST, HORIZ. (EXCLUDE END-WALLS). NIPPLE TO TRUSS. MINIMUM 8" TS NIPPLE SECURED TO WALL POST WITH (4) #12-14x1" SELF-DRILLING SCREWS EACH END.

EAVE & RIDGE REINFORCED ROOF PANEL CONNECTION (RIDGE 3r AND EAVE 3e)

26 GAUGE ROOF SHEATHING SECURED WITH (1) #12-14x1" SELF-DRILLING SCREWS @ 2'-1-2" MAX. (9" O.C. MAX.). 1" 16 GAUGE FURRING CHANNEL 48" O.C. MAX. SECURED WITH (2) #12-14x1" SELF-DRILLING SCREWS TO EACH RAFTER.

A Distance in inches	mph	Exp. B	Exp. C
120	n/r	n/r	30"
150	n/r	30"	24"
165	n/r	30"	24"
180	24"	24"	12"



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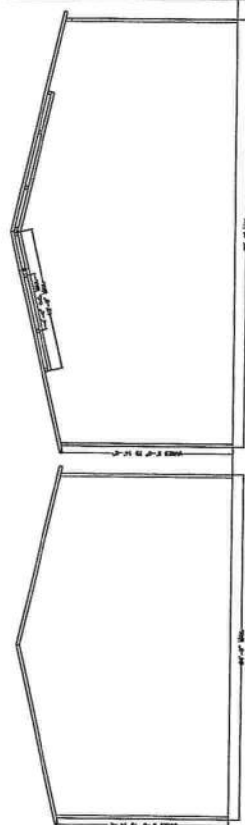
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Date:	5/27/20
Location:	FLORIDA
Officer:	

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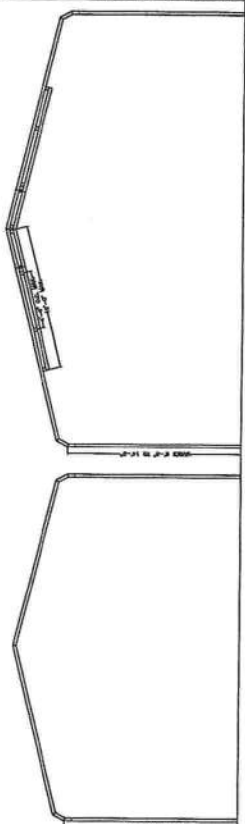
Matthew T. Baldwin P.E.
Florida License #64608

Sheet: CA-3 OF 3

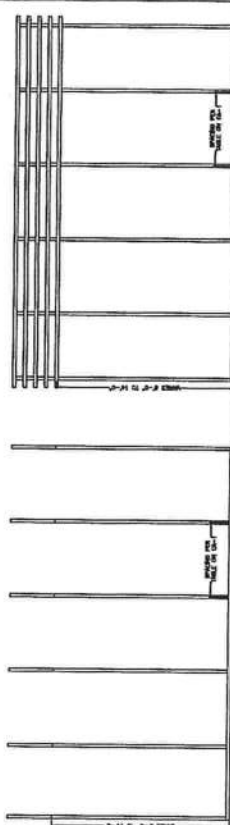
LAYOUT VIEWS



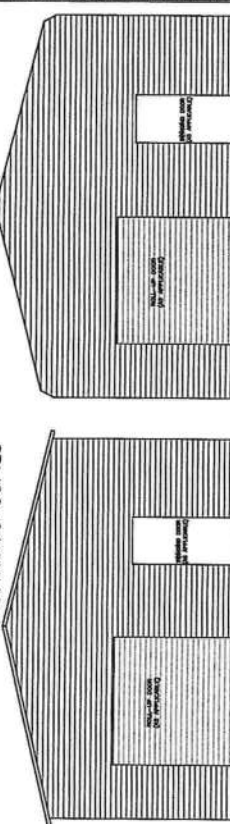
TYPICAL POST/TRUSS FRAMING SECTION -
BOX EAVE, UP TO & INCLUDING 24' WIDE



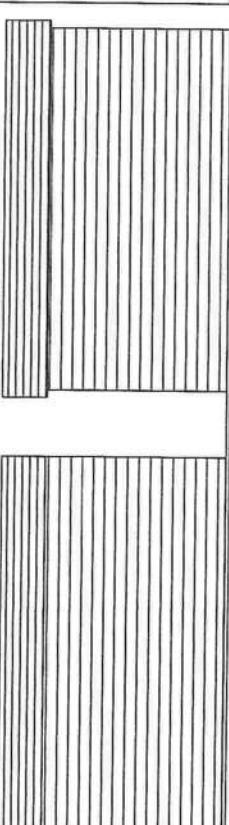
TYPICAL POST/TRUSS FRAMING SECTION -
DRY FILLS 7'-0" TO 8'-0" HIGH



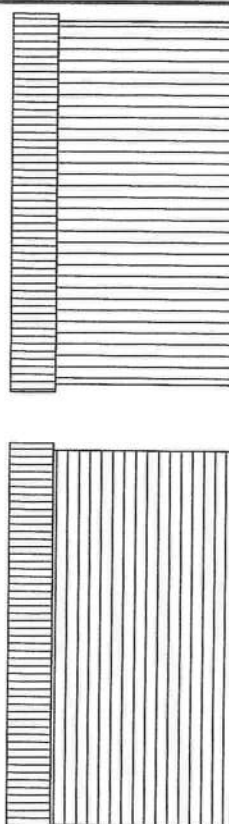
TYPICAL SIDE WALL FRAMING -
BOX EAVE/BOW FRAME HORIZONTAL ROOF



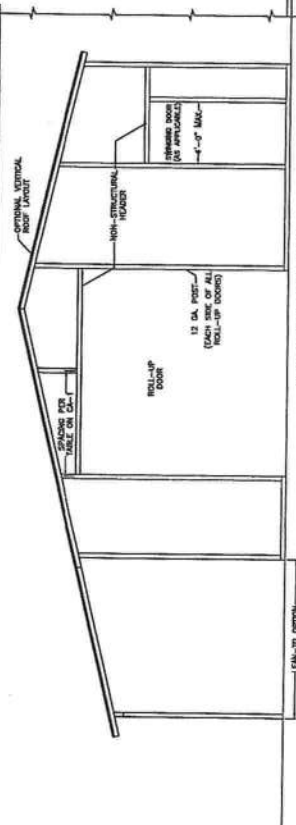
TYPICAL SIDE WALL FRAMING -
BOX FAME VERTICAL BOAT



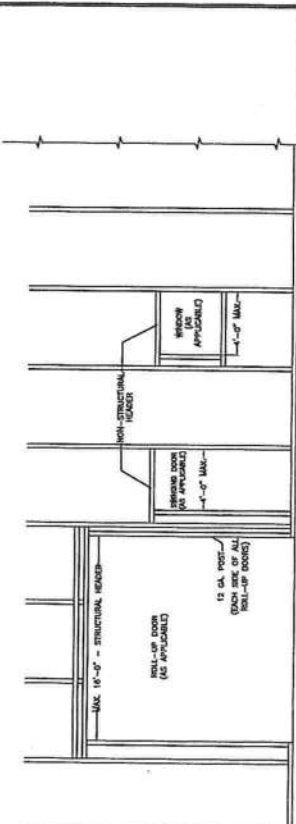
TYPICAL SIDE WALL ELEVATION -



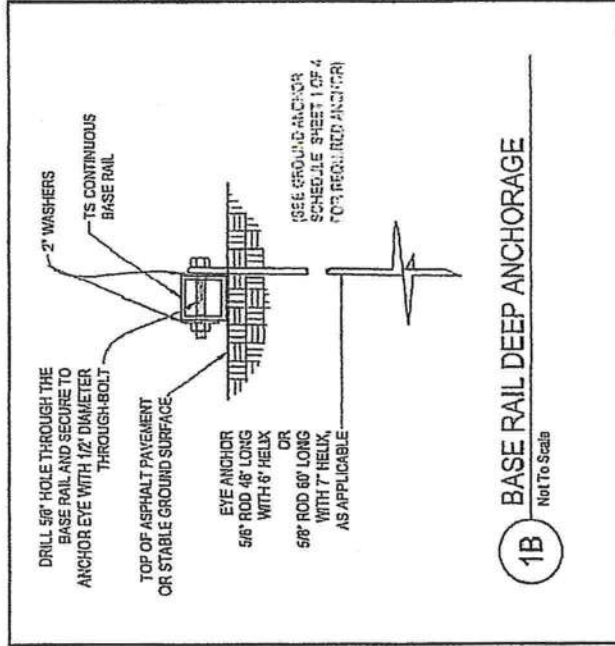
TYPICAL SIDE WALL ELEVATION -



TYPICAL END ELEVATION



THEORETICAL SIDE WALL ELEVATION



1B BASE RAIL DEEP ANCHORAGE

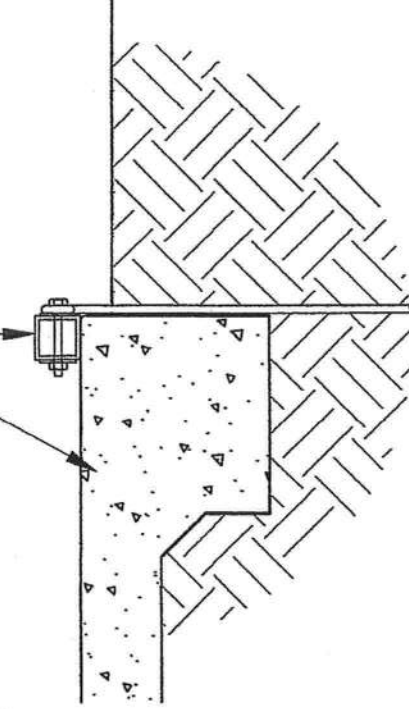
Not To Scale

CARPORT ANYWHERE, INC. ORIGINAL DETAIL

SCALE: NONE

NON-STRUCTURAL CONCRETE SLAB TO ACT
AS TOP OF ASPHALT PAVEMENT OR STABLE
GROUND SURFACE

MEMBERS AND ANCHORAGE PER
CARPORT ANYWHERE, INC. DRAWING SET



N. P. GEISLER, ARCHITECT MODIFICATIONS

SCALE: NONE



Nicholas Geisler
25 SEPTEMBER 2020

COMM. Nr.:

2K2091

DATE:

25SEP2020

Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US
O = AR0007005 OU = ARCHITECT
Date: 2020.09.25 12:04:57 -05'00'

E-SEAL



NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1755 NW Brown Road
Lake City, FL 32055
386/365-4355

CARPORT ANYWHERE, INC. DETAIL MODIFICATIONS

P.O. BOX 776
STARKE, FLORIDA 32720