9/11 A 44

The Carport Company of Florida
1903 NW Martin Luther King Jr Ave
Ocala, FL 34475
352.694.9573
info@thecarportcompany.com

5-391620

Customer Order - **Sep 7, 2023**

Ship To

Name RICKY HENDRIX
Install Address 1399 SW SUNVIEW ST
City FORT WHITE
Email catbird42@windstream.net
Order # 1694118818669848
State FL
Zip Code 32038
Phone # 3528955412
Mobile #

Dealer

5Star Steel LLC
jason.kelley@5starshed.com

Building Info	
Style:	Shop-Port
Roof Overhang:	6"
Roof Style:	Vertical Style
Gauge:	Standard Framing
Brace:	Standard Brace

Size

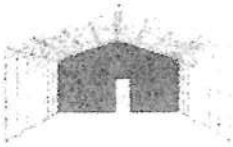
24' Width X 56' Roof Length X 10' Leg Height

Color	
Roof	Acrylic Galvalume
Trim:	Bright White
Gable End Siding	Charcoal Gray
Side Wall Siding	Charcoal Gray

Anchoring & Site Preparation	
Installation Surface:	Concrete
Power Available	☐
Site Ready	☒
Jobsite Level	☒

Building Images

Perspective View



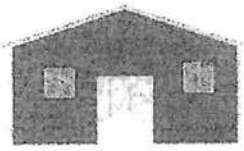
Front

30' SHOP PORT

NO POWER

Left Side

Right Side



Back

$12,186

#1694118818669848

FL Product Approval #	Manufacturer	Product
12765.8	JANUS	Roll Up Doors Model 750
9901.2	Tri County Metal	Ultra Rib Panel Wall Panels
9903.3	Tri County Metal	Ultra Rib Panel Roof Panels
7091.1	Masonite	Walk In door
22371.1	Jeld Wen	Single Hung Window

Please call our office once you have received your permit so that we may proceed with scheduling.

Helpful Tips

***All carports, open or enclosed, framework is a foot shorter that the overall dimension. For example the foot print for a 18' wide x 20' long will be 18' wide and 19' long.**

CODES AND STANDARDS

1. WIND LOADS AS PER:
A. FLORIDA RESIDENTIAL BUILDING CODE 7TH EDITION (2020) WITH AN ULTIMATE DESIGN WIND SPEED OF 150 MPH, EXPOSURE B, NOMINAL DESIGN WIND SPEED OF 117 MPH, BUILDING RISK CATEGORY I.

2. ROOF LIVE LOAD DESIGN IS 10 PSF.

3. THE PROJECT WAS DESIGNED IN ACCORDANCE WITH THE:
A. FLORIDA BUILDING CODE 7TH EDITION (2020).
B. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318/ 2014 EDITION).
C. MANUAL OF STANDARD PRACTICE FOR WELDING REINFORCING STEEL, INSERTS & CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION. AWS. D1.4/ LATEST EDITION
D. SPECIFICATIONS FOR THE DESIGN, FABRICATION & ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) AISC 15TH EDITION (ASD).

4. MATERIALS AND ASSEMBLY TEST AS FOLLOWS:
A. EXTERIOR WINDOWS, SLIDING AND PATIO GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND SHALL BE LABELED WITH AN APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT CERTIFICATION AGENCY, TESTING LABORATORY, EVALUATION ENTITY OR FLORIDA STATE-WIDE PRODUCT APPROVAL NUMBER TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF ONE OF THE FOLLOWING SPECIFICATIONS:
ANSI/AAMA/NWWDA 101/I.S. 2-97 OR TAS 202
B. EXTERIOR DOOR ASSEMBLIES SHALL BE TESTED FOR STRUCTURAL INTEGRITY IN ACCORDANCE WITH ASTM E330 AT A LOAD OF 1.5 TIMES THE REQUIRED DESIGN PRESSURE LOAD.
C. SECTIONAL GARAGE DOORS SHALL BE TESTED FOR DETERMINATION OF STRUCTURAL PERFORMANCE UNDER UNIFORM STATIC AIR PRESSURE DIFFERENCE IN ACCORDANCE WITH ANSI/DASMA 115 OR TAS 201,202 AND 203.

5. STEEL FRAMES SHALL BE SPACED NO MORE THAN 56" O.C. U.N.O. ON PLAN, ALL TUBE STEEL SHAPE STRENGTHS ARE 46 KSI STEEL. ALL CUPS ARE 36 KSI STEEL.

6. STEEL WELD STRENGTH SHALL BE 55 KSI TYP. ALL WELDS SHALL BE 1/8" MINIMUM FILLET WELDS.

7. ANCHORING BUILDING:
A. BUILDING SHALL BE ATTACHED WITH HELICAL ANCHORS PER THE HELICAL ANCHOR DETAIL.
B. WHEN EMBEDDED INTO ASPHALT HELICAL ANCHORS OR 30" LONG #5 REBAR WITH A NUT WELDED TO THE TOP, SHALL BE INSTALLED AT 12" ON CENTER FROM EACH SIDE AND THE BALANCE O 56" ON CENTER.
C. WHEN PLACED ON A 4" CONCRETE SLAB, A 1/2" EXPANSION ANCHOR WITH 2-1/2" OF EMBEDMENT SHALL BE INSTALLED 12" FROM EACH SIDE AND THE BALANCE O 56" ON CENTER. CONCRETE SHALL BE MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

8. ALL STEEL-TO-STEEL FASTENERS ARE TO BE 12-14 x 1/4 HWU ULTRA-2 TCP3 CS.

9. EACH LOCATION WHERE THE FRAME IS JOINED TOGETHER WILL HAVE 2 SCREWS ON EACH SIDE OF THE JOINT.

WALL AND OPENING PRESSURES
COMPONENTS AND CLADDING (ASD)

OPENING TYPE	HEIGHT	WIDTH	CODE
WINDOW	38.375"	37"	Z3
DOOR	96"	36"	S-750
DOOR	96"	72"	S-750
DOOR	96"	104"	S-750
DOOR	96"	120"	S-750
DOOR	96"	144"	S-3100

TYPE	MATERIAL	PRESSURE (PSF)
SINGLE HUNG	ALUM*	+21.0 / -28.1
SINGLE CURTAIN	STEEL	+20.1 / -26.3
SINGLE CURTAIN	STEEL	+19.2 / -24.6
SINGLE CURTAIN	STEEL	+18.6 / -23.4
SINGLE CURTAIN	STEEL	+18.2 / -22.6
SINGLE CURTAIN	STEEL	+18.1 / -22.2

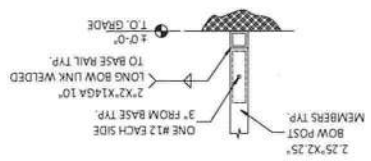
* PROVIDE BARRIER BETWEEN ALUMINUM AND STEEL TO PREVENT CORROSION

CONNECTOR SCHEDULE

CONNECTION	Ø	LENGTH	TYPE
METAL SIDING ROOF	1/4"	3/4"	SELF-TAPPING
METAL SIDING WALL	1/4"	3/4"	SELF-TAPPING
TUBE TO TUBE	1/4"	3/4"	SELF-TAPPING

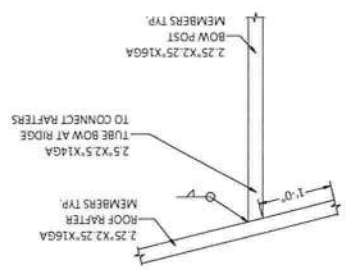
MATERIAL	SPACING	
GALV. METAL SCREW	1.5" FROM EACH CORNER, 10" O.C.	
GALV. METAL SCREW	1.5" FROM EACH CORNER. 10" O.C.	
GALV. METAL SCREW	(2) PER TUBE	

BOW/BASE RAIL SPLICE CONNECTION

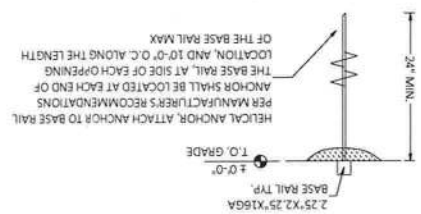


BOW SPLICE CONNECTION AT RIDGE

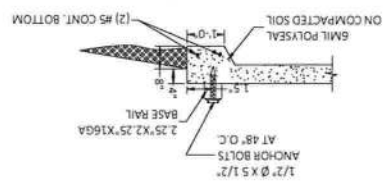
TEE SPLICE CONNECTION



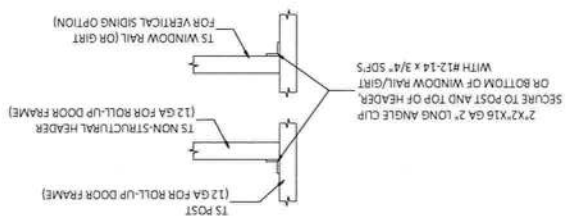
HELICAL ANCHOR CONNECTION



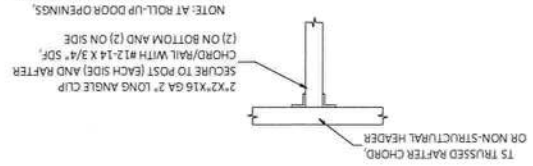
CONCRETE SLAB CONNECTION



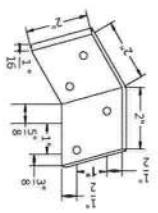
NON-STRUCTURAL HEADER OR WINDOW RAIL TO POST CONNECTION DETAIL
SCALE: NTS



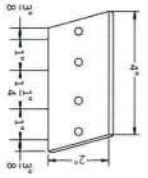
POST TO NON-STRUCTURAL HEADER, BASE, RAIL OR WINDOW RAIL CONNECTION DETAIL
SCALE: NTS



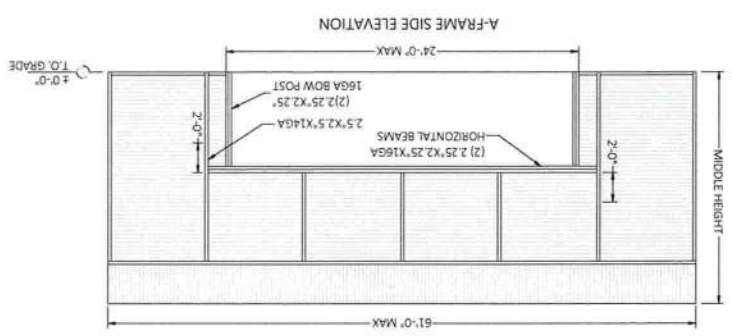
METAL CLIP ANGLE



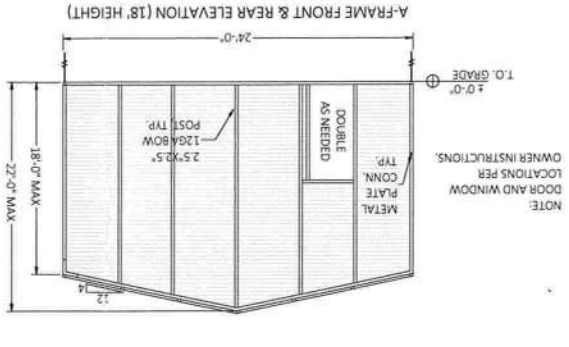
METAL CONNECTOR PLATE



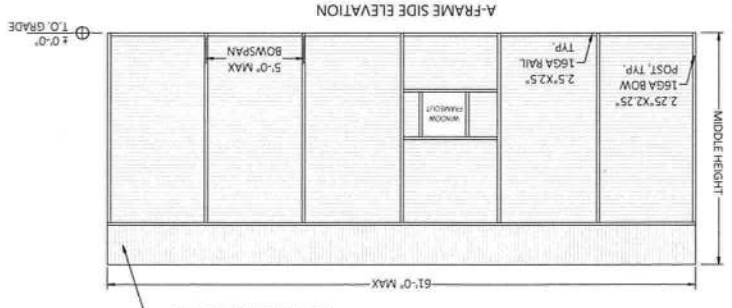
A-FRAME SIDE ELEVATION



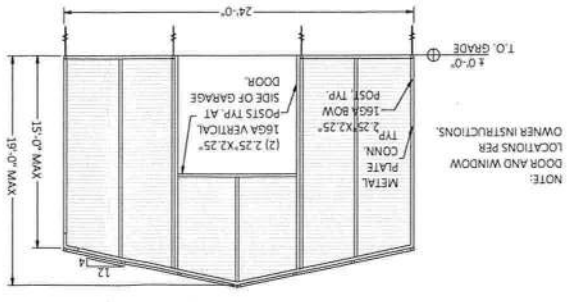
A-FRAME FRONT & REAR ELEVATION (18' HEIGHT)



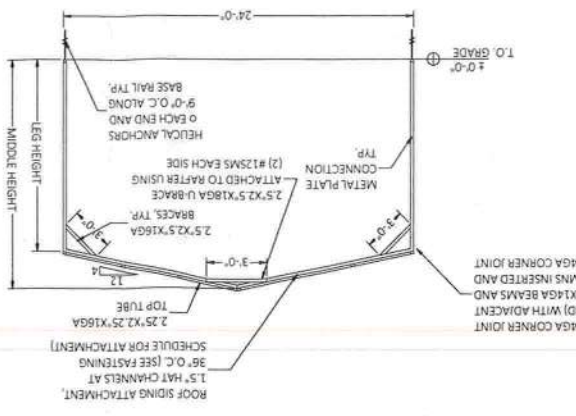
A-FRAME SIDE ELEVATION



A-FRAME FRONT & REAR ELEVATION (15' HEIGHT)



A-FRAME BOW SECTION



GENERIC PLANS ARE NOT VALID WITHOUT A RAISED SEAL & BLUE INK SIGNATURE.

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4. FRAMEOUT HEADERS INTERCEPTING LOAD-BEARING UPRIGHTS MUST BE DOUBLE T5.
5. DOOR JAMBS SUPPORTING HEADERS LONGER THAN 10' MUST BE DOUBLE T5.

DESIGN DATE:	04/10/2023
REVISION 1:	DATE
REVISION 2:	DATE
SCALE:	NTS

PROJECT ADDRESS:

GENERIC PLANS

THE CARPORT COMPANY
945 NW 17TH AVE
OCALA FL 34475

FLORIDA ENGINEERING LLC
4161 TAMIAMI TRAIL, UNIT 101
PORT CHARLOTTE, FLORIDA 33952
(941) 391-5980
FLEng.com
Orders@FLEng.com

CA CERT #29782

Craig E. Gunderson, P.E. #60102

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NOTE: CENTER. CONCRETE SHALL BE MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

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WALL AND OPENING PRESSURES
COMPONENTS AND CLADDING (ASD)

OPENING TYPE	HEIGHT	WIDTH	CODE
WINDOW	38.375"	37"	23
DOOR	96"	36"	S-750
DOOR	96"	72"	S-750
DOOR	96"	104"	S-750
DOOR	96"	120"	S-750
DOOR	96"	144"	S-3100

TYPE	MATERIAL	PRESSURE (PSF)
SINGLE HUNG	ALUM*	+21.0 / -28.1
SINGLE CURTAIN	STEEL	+20.1 / -26.3
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CONNECTION	Ø	LENGTH	TYPE
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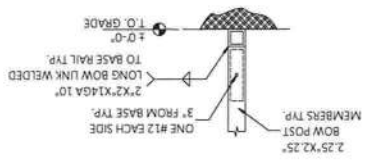
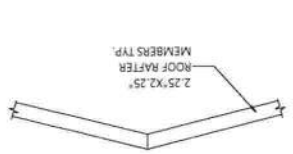
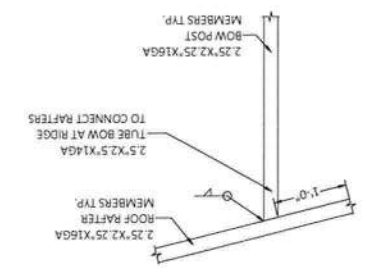
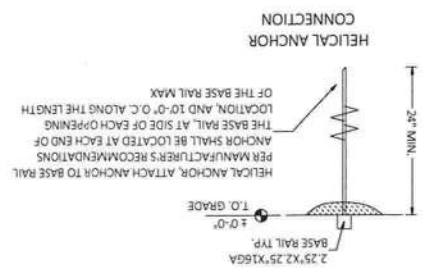
METAL SIDING WALL	1/4"	3/4"	SELF-TAPPING
TUBE TO TUBE	1/4"	3/4"	SELF-TAPPING

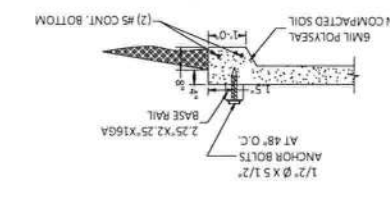
MATERIAL	SPACING	(2) PER TUBE
GALV. METAL SCREW	1.5" FROM EACH CORNER, 10" O.C.	
GALV. METAL SCREW	1.5" FROM EACH CORNER. 10" O.C.	
GALV. METAL SCREW		(2) PER TUBE

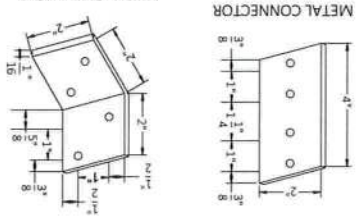


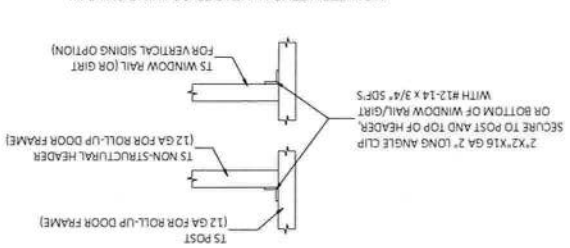


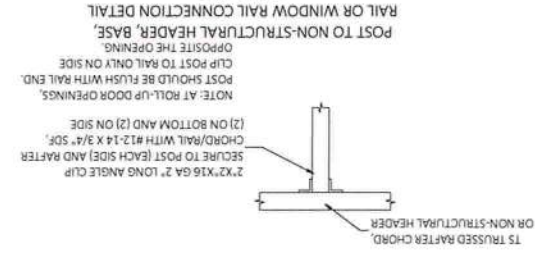


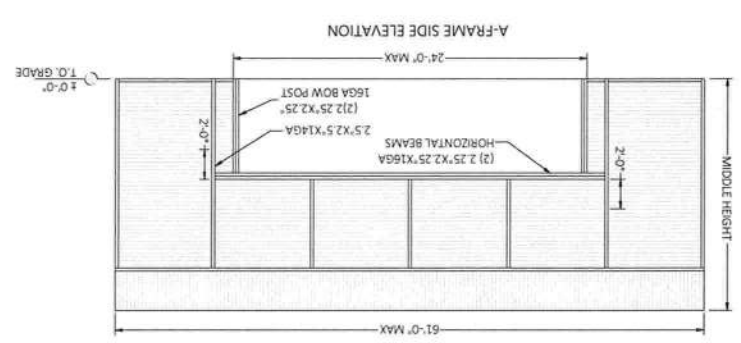


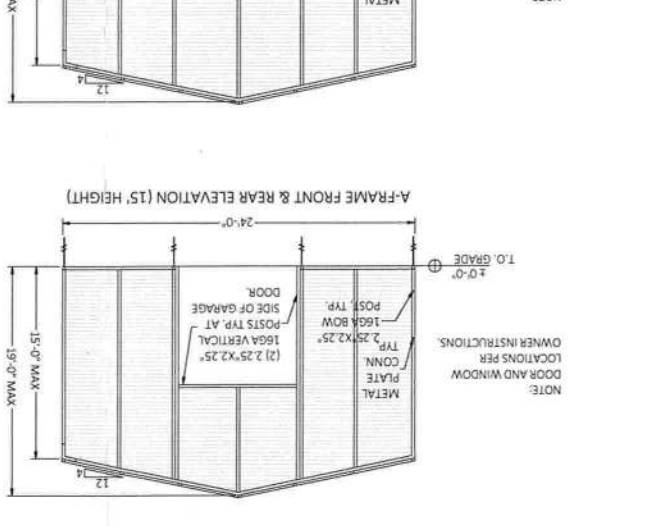


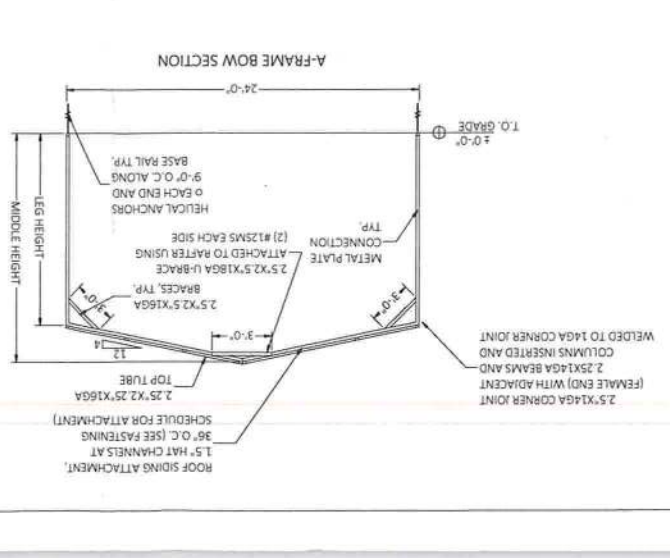












FRAMEOUT NOTES:

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2. DOORS AND WINDOWS MAY BE RELOCATED TO ANY WALL AND REPOSITIONED ALONG ANY WALL BY THE CONTRACTOR IN FIELD.
3. FRAMEOUT HEADERS MAY BE SINGLE TS FOR UP TO 5' LENGTH AND DOUBLE TS UP TO 24' LENGTH.
4. FRAMEOUT HEADERS INTERCEPTING LOAD-BEARING UPRIGHTS MUST BE DOUBLE TS.
5. DOOR JAMBS SUPPORTING HEADERS LONGER THAN 10' MUST BE DOUBLE TS.

EXT. METAL SIDING FOR WALL AND ROOF (OVER HAT CHANNELS) TO BE 29 GA W/ 1 3/4" SELF-TAPPING METAL SCREWS @ALV. PLACE AT 1 1/2" FROM EACH CORNER, &AL. 36" O.C.

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Craig E. Gunderson, P.E. #60102

FLORIDA ENGINEERING LLC
4161 TAMIAMI TRAIL, UNIT 101
PORT CHARLOTTE, FLORIDA 33952
(941) 391-5980
FLEng.com
Orders@FLEng.com
CA #EOT #30709

PROJECT ADDRESS:

GENERIC PLANS

THE CARPORT COMPANY
945 NW 17TH AVE
OCALA FL 34475

DESIGN DATE:	04/10/2023
REVISION 1:	DATE
REVISION 2:	DATE
SCALE:	NTS

PAG