FL #	FL21450-R8
Application Type	Revision
Code Version	2020
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Janus International Group, LLC.
Address/Phone/Email	135 Janus International Blvd. Temple, GA 30179 (770) 562-6135 Ext 360 curts@janusintl.com
Authorized Signature	Curtis Schroeder curts@janusintl.com
Technical Representative	Curtis L. Schroeder
Address/Phone/Email	134 Janus International Blvd. Temple, GA 30179 (770) 562-2850 Ext 360 curts@janusintl.com
Quality Assurance Representative	Chris Meyer
Address/Phone/Email	135 Janus International Blvd Temple, GA 30179 (770) 562-2850 chris.meyer@janusintl.com
Category	Exterior Doors
Subcategory	Roll-Up Exterior Door Assemblies
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	John E. Scates
Florida License	PE-51737
Quality Assurance Entity	National Accreditation and Management Institute
Quality Assurance Contract Expiration Date	12/31/2023
Validated By	Kurt Dietrich PE Validation Checklist - Hardcopy Received
Certificate of Independence	FL21450_R8_COI_Cert_of_Ind_Scates_2022_Janus_s.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ANSI/DASMA 108	2017
ANSI/DASMA 115	2017
ASTM E330	2002
TAS 201	1994
TAS 202	1994
TAS 203	1994

		20'-0"
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +36/-40 **Other:** Design pressure listed is at test width of 12'-0". For pressures versus widths, see table, on page 1, of drawing T1014. Not for use in High Velocity Hurricane Zones.		**Installation Instructions** FL21450_R8_II_T1014_RevC_s.pdf Verified By: John E. Scates P.E. FL 51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model3652_s.pdf Created by Independent Third Party: Yes
21450.7	Series 690	Series 690 - 26 Gauge Door Assembly Max Size: 10'-0"X12'-0"
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +28.2/-32.9 **Other:** Pressure varies by width from +64.2/-75.0 at 4' wide to +28.2/-32.9 at 10' wide. See drawings.		**Installation Instructions** FL21450_R8_II_T2000_Rev-_s.pdf Verified By: John E. Scates P.E. FL 51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model690_s.pdf Created by Independent Third Party: Yes
21450.8	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 3'-0" x 12'-0"
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +35/-45 **Other:** Not for use in High Velocity Hurricane Zones		**Installation Instructions** FL21450_R8_II_T1000_RevG_s.pdf Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model750_1100_s.pdf Created by Independent Third Party: Yes
21450.9	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 6'-0" x 12'-0"
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +19.9/-24.4 **Other:** Design Pressures listed as a test width of 6'-0". For pressures vs. widths, see table, sheet 1 of 2, dwg T1001. Not for use in High Velocity Hurricane Zones.		**Installation Instructions** FL21450_R8_II_T1001_RevG_s.pdf Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model750_1100_s.pdf Created by Independent Third Party: Yes
21450.10	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 8'-8" x 12'-0"
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +24.4/-27.0 **Other:** +24.4/-27.0 psf tested width of 8'-8". PSF values vary to 6'-0" and 8'-8".		**Installation Instructions** FL21450_R8_II_T1002_RevH_s.pdf Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model750_1100_s.pdf Created by Independent Third Party: Yes
21450.11	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 10'-0" x 12'-0"
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +19.4/-22.7 **Other:** Not for use in High Velocity Hurricane Zones.		**Installation Instructions** FL21450_R8_II_T1003_RevH_s.pdf Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model750_1100_s.pdf Created by Independent Third Party: Yes
21450.12	Series 850	Series 850 - 24 Gauge Door Assembly Max Size: 8'-8" X 12'-0" (HVHZ)
Limits of Use **Approved for use in HVHZ:** Yes **Approved for use outside HVHZ:** Yes **Impact Resistant:** Yes **Design Pressure:** +46.0/-54.0 **Other:** FOR USE IN HIGH VELOCITY HURRICANE ZONES		**Installation Instructions** FL21450_R8_II_T1006_RevD_HVHZ_s.pdf Verified By: John E. Scates FL-51737 Created by Independent Third Party: Yes **Evaluation Reports** FL21450_R8_AE_EvalRept_Model850_1850_3100_s.pdf Created by Independent Third Party: Yes
21450.13	Series 850S	Series 850S - 26 Gauge Gauge Door Assembly Max Size: 12'-0"X12'-0"
Limits of Use **Approved for use in HVHZ:** No		**Installation Instructions** FL21450_R8_II_T1006S_RevF_s.pdf

FL #	FL17996-R2
Application Type	Revision
Code Version	2020
Application Status	Approved
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.
Comments	
Archived	
Product Manufacturer	Elixir Door and Metal Company
Address/Phone/Email	1215 Pope Drive Douglas, GA 31533 (912) 493-2215 ryarberry@elixirdmc.com
Authorized Signature	Randall Yarberry ryarberry@elixirdmc.com
Technical Representative Address/Phone/Email	PTC Product Design Group PO Box 520775 Longwood, FL 32752 (321) 690-1788 info@ptc-corp.com
Quality Assurance Representative Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	American Architectural Manufacturers Association
Validated By	American Architectural Manufacturers Association

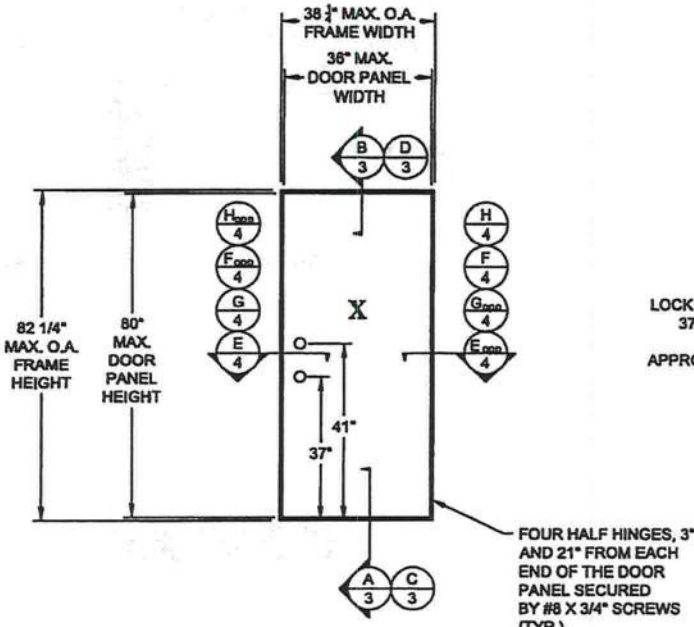
Referenced Standard and Year (of Standard)

Standard	Year
ASTM E330	2002
ASTM E330	2014

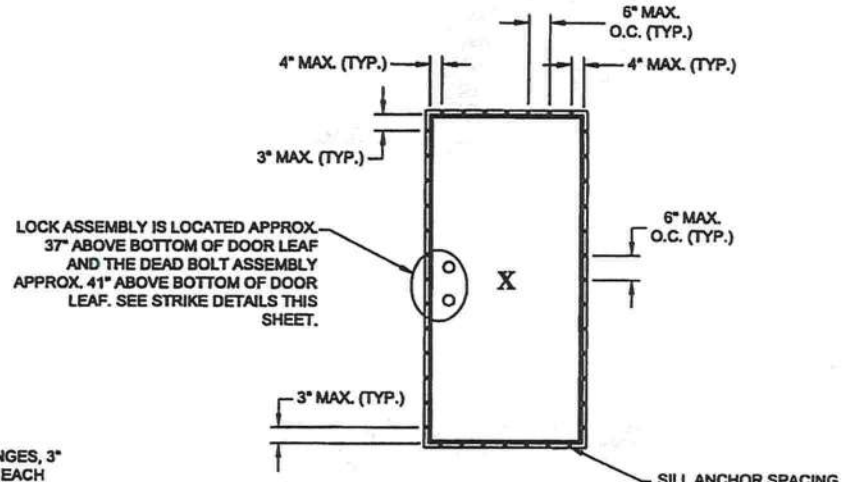
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL17996_R2_Equiv_EER_2244_Rev3_ss.pdf
Product Approval Method	Method 1 Option A
Date Submitted	02/19/2021

17996.6	Series 430 W9	Vinyl Steel Out-swinging Regular Door - 9-Lite Window (1'8" x 3'0")
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50/-50 **Other:**		**Certification Agency Certificate** FL17996_R2_C_CAC_19344 Elixir - 430-W9 OS Door (1b) ASTM Jan. 2021.pdf **Quality Assurance Contract Expiration Date** 08/25/2025 **Installation Instructions** FL17996_R2_II_ELIX0053 REV-B OS MODEL 430-W9_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1951_Rev3_ss.pdf Created by Independent Third Party: Yes
17996.7	Series 6400 W9 Cottage	Series 6400-W9 Non-Impact Inswing Painted Steel Door w/Storm Door
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +66.7/-56.7 **Other:**		**Certification Agency Certificate** FL17996_R2_C_CAC_19352 Elixir - 6400-W9 IS Door w-Storm (1b) ASTM Jan. 2021.pdf **Quality Assurance Contract Expiration Date** 09/07/2024 **Installation Instructions** FL17996_R2_II_ELIX0056 Rev-B IS MODEL 6400-W9 WITH STORM DOOR_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1954_Rev3_ss.pdf Created by Independent Third Party: Yes
17996.8	Series 7500 Oval	Series 7500 Non-Impact Inswing Vinyl Laminated Steel Door w/Storm Door and PVC Jambs
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50/-50 **Other:**		**Certification Agency Certificate** FL17996_R2_C_CAC_19348 Elixir - 7500 IS Door w-Storm (1b) ASTM Jan. 2021.pdf **Quality Assurance Contract Expiration Date** 08/23/2024 **Installation Instructions** FL17996_R2_II_ELIX0060 Rev-B IS MODEL STR 7500 OVAL WITH STORM DOOR_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1955_Rev3_ss.pdf Created by Independent Third Party: Yes
17996.9	Series 8400 W9 Cottage	Series 8400-W9 Non-Impact Oval Inswing Vinyl Laminated Steel Door w/Storm Door
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50/-50 **Other:**		**Certification Agency Certificate** FL17996_R2_C_CAC_19353 Elixir - 8400-W9 IS Door w-Storm (1b) ASTM Jan. 2021.pdf **Quality Assurance Contract Expiration Date** 09/07/2024 **Installation Instructions** FL17996_R2_II_ELIX0057 Rev-B IS MODEL 8400-W9 OVAL WITH STORM DOOR_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1954_Rev3_ss.pdf Created by Independent Third Party: Yes
17996.10	Series 9000	Series 9000 Non-Impact Inswing Vinyl Laminated Steel Door w/Storm Door
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50/-50.7 **Other:**		**Certification Agency Certificate** FL17996_R2_C_CAC_19374 Elixir - 9000 IS Door w-Storm (1b) ASTM Jan. 2021.pdf **Quality Assurance Contract Expiration Date** 09/06/2024 **Installation Instructions** FL17996_R2_II_ELIX0058 Rev-B IS BLANK 9000 DOOR W. STORM DOOR_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1954_Rev3_ss.pdf Created by Independent Third Party: Yes

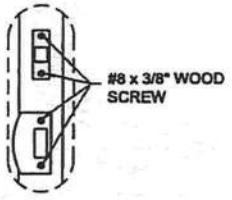
		FL17996_R2_II_ELIX0049_BVIF7N_BVIF7S_RevB_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1953_Rev3_ss.pdf Created by Independent Third Party: Yes
17996.17	Series BVIF7S	Series BVIF7S Non-Impact IS Steel Door
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** No **Design Pressure:** +50/-50 **Other:**		**Certification Agency Certificate** FL17996_R2_C_CAC_19355 Elixir - BVIF7S IS Door w-Storm (1b) ASTM Jan. 2021.pdf **Quality Assurance Contract Expiration Date** 07/29/2025 **Installation Instructions** FL17996_R2_II_ELIX0049_BVIF7N_BVIF7S_RevB_ss.pdf Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes **Evaluation Reports** FL17996_R2_AE_PER_1953_Rev3_ss.pdf Created by Independent Third Party: Yes



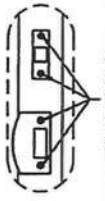
ELEVATION
EXTERIOR VIEW



ANCHOR LAYOUT
EXTERIOR VIEW



ENTRY DOOR STRIKE DETAIL
WOOD FRAME SUBSTRATE



ENTRY DOOR STRIKE DETAIL
STEEL TUBING SUBSTRATE

ANCHORING NOTES:
1. MINIMUM NUMBER OF ANCHORS IN JAMBS IS 14. ANCHOR SPACING VARIES, BUT NOT TO EXCEED 6" MAXIMUM O.C.
2. MINIMUM NUMBER OF ANCHORS IN HEAD AND SILL IS 6. ANCHOR SPACING VARIES, BUT NOT TO EXCEED 6" MAXIMUM O.C.

PROJECT NUMBER: 419-0903

REV	DESCRIPTION	DATE	BY
B	UPDATE TO CURRENT EDITION FBC	1/25/21	RJA

ELIXIR DOOR & METALS CO.
1215 POPE DRIVE
DOUGLAS, GEORGIA 31533

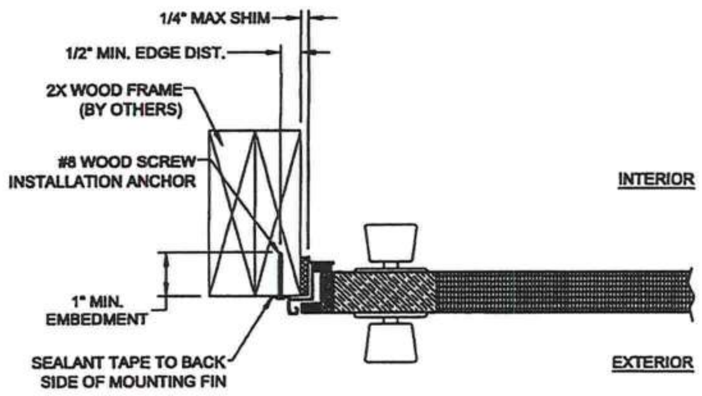
TITLE: MODEL 407 NON-IMPACT OUTSWING VINYL LAMINATED STEEL DOOR ELEVATION AND ANCHOR LAYOUT

PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC PO BOX 880178 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 27525 Phone: 321.695.1788 Fax: 321.504.1789 Email: info@ptcpdg.com

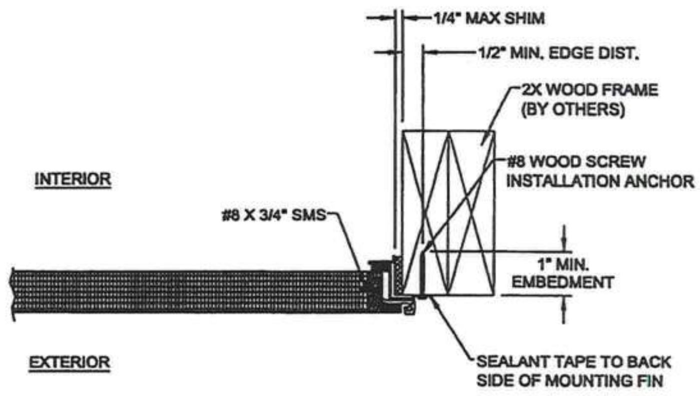
DRAWN BY: TJH
DATE: 02/29/12
SCALE: N.T.S.
DRAWING NO: ELIX0052
REV: B
SHEET: 2 OF 4

Robert J. Amoruso, P.E.
FL P.E. No. 49752

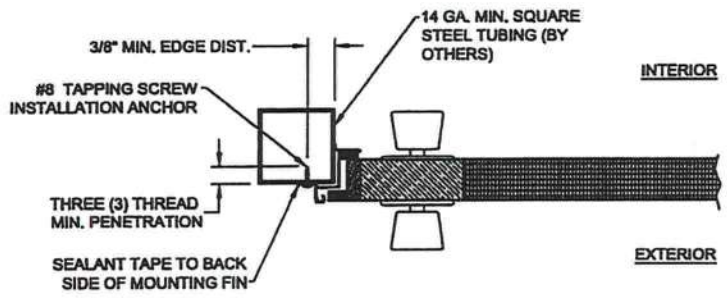
Digitally signed by Robert J Amoruso
Date: 2021.02.18 12:08:47 -05'00'



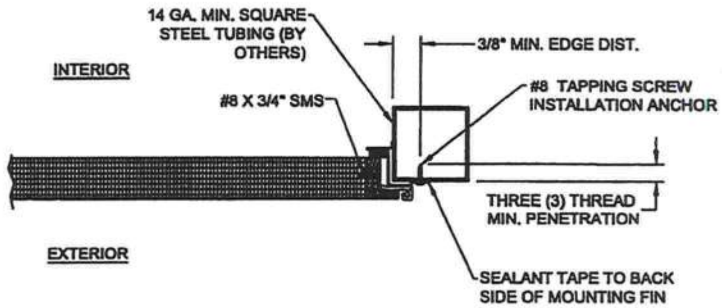
E HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



F HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



G HORIZONTAL SECTION
STEEL TUBING SUBSTRATE



H HORIZONTAL SECTION
STEEL TUBING SUBSTRATE

ELIXIR DOOR & METALS CO.
1215 POPE DRIVE
DOUGLAS, GEORGIA 31533

TITLE: MODEL 407 NON-IMPACT OUTSWING VINYL LAMINATED STEEL DOOR VERTICAL CROSS SECTIONS

PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC

DRAWN BY:	DATE:
TJH	02/29/12
SCALE: N.T.S.	DRAWING NO: ELIX0052
REV: B	SHEET: 4 OF 4

PROJECT NUMBER: 419-0903

REV	DESCRIPTION	DATE	BY
B	UPDATE TO CURRENT EDITION FBC	1/25/21	RJA

Robert J. Amoruso, P.E.
FL P.E. No. 49752

Digitally signed by Robert J Amoruso
Date: 2021.02.18 12:09:10 -05'00'

Florida dbpr

Product Approval
USER: Public User

FL #	FL27403-R2
Application Type	Revision
Code Version	2020
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Carports Anywhere
Address/Phone/Email	10858 S.E. County Road 221 Starke, FL (352) 468-1116 bodom@carportsanywhere.com
Authorized Signature	Brandie Odom bodom@carportsanywhere.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Structural Components
Subcategory	Structural Wall
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Johnathan Green
Florida License	PE-88223
Quality Assurance Entity	PRI Construction Materials Technologies, LLC
Quality Assurance Contract Expiration Date	06/13/2023
Validated By	Brian Jaks, P.E. Validation Checklist - Hardcopy Received
Certificate of Independence	FL27403_R2_COI_Letter of Certification-Carports Anywhere_sealed.pdf
Referenced Standard and Year (of Standard)	
Equivalence of Product Standards Certified By	
Sections from the Code	1709.2
Product Approval Method	Method 2 Option B

Force Engineering & Testing
19530 Ramblewood Drive
Humble, Texas 77338
Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

Product Evaluation Report
CARPORTS ANYWHERE

Hampton Rib Wall Panel over open framing

Florida Product Approval # 27403.1 R2

Florida Building Code 2020
Per Rule 61G20-3
Method: 2–B

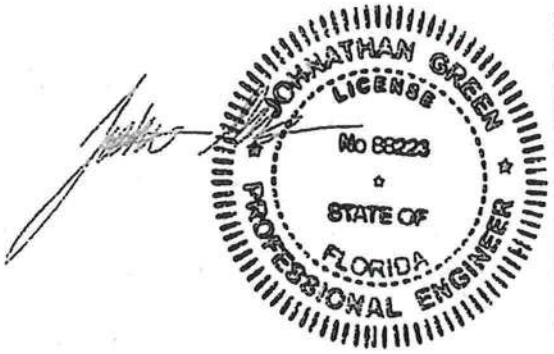
Category: Structural Components
Subcategory: Structural Wall
Compliance Method: 61G20-3.005(2)(b)
NON HVHZ

Product Manufacturer:
Carport Anywhere
10858 S.E. County Road 221
Starke, Florida 32091

Engineer Evaluator:
Johnathan Green, P.E. # 88223
Florida Evaluation ANE ID: 12901

Validator:
Brian Jaks, P.E. #70159

Contents:
Evaluation Report Pages 1- 4



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOHNATHAN GREEN ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Force Engineering & Testing
19530 Ramblewood Drive
Humble, Texas 77338
Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

Table "B" 29 Ga. Hampton Rib Wall Panel

Maximum Design Pressure:	-57.3 psf	-150.9 psf	+39.0 psf	+143.1 psf
Fastener Pattern:	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"
Fastener Spacing:	4'-0" O.C.	2'-0" O.C.	4'-0" O.C.	2'-0" O.C.
Substrate:	Min. 16ga. Steel Framing	Min. 16ga. Steel Framing	Min. 16ga. Steel Framing	Min. 16ga. Steel Framing

*Design Pressure includes a Safety Factor = 2.0.

Code Compliance: The product described herein has demonstrated compliance with The Florida Building Code 2020, Section 1709.2.

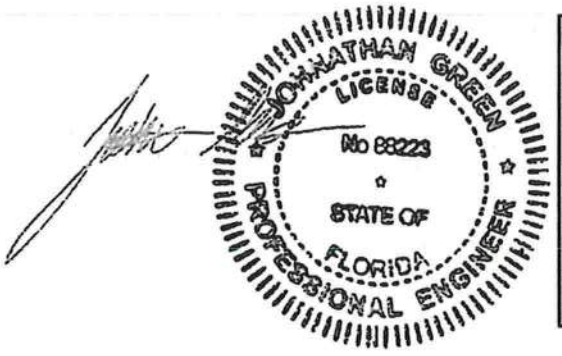
Evaluation Report Scope: The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2020, as relates to Rule 61G20-3.

Performance Standards: The product described herein has demonstrated compliance with:

- ASTM E 1592-05 (2012) Test method for structural performance of sheet metal roof and siding systems by uniform static air pressure difference

Reference Data:

1. ASTM E 1592-05 (2012) Test
   Force Engineering & Testing, Inc. (FBC Organization # TST-5328)
   Report No. 667-0060T-18A-E, 667-0061T-18A-D
2. Certificate of Independence
   By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing
   (FBC Organization # ANE ID: 12901)



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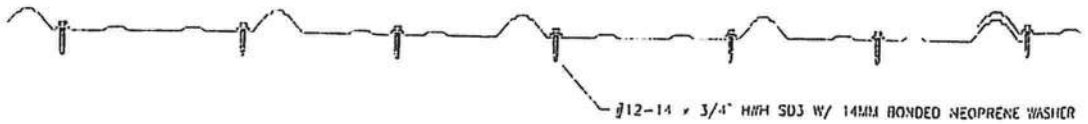
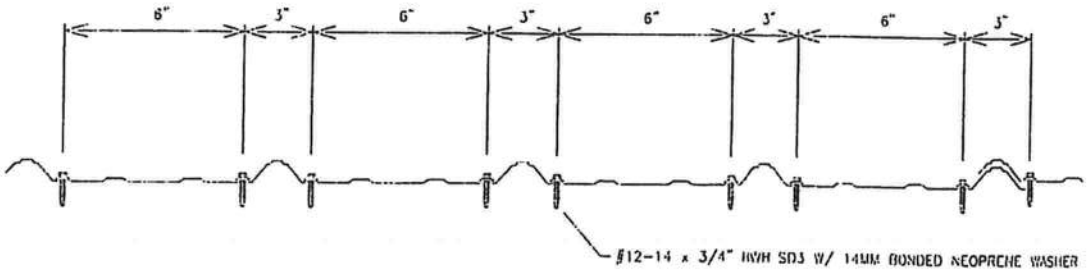
Force Engineering & Testing
19530 Ramblewood Drive
Humble, Texas 77338
Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

26 GA. HAMPTON RIB FASTENER PATTERN 2-1-2-1



29 GA. HAMPTON RIB FASTENER PATTERN 6"-3"-6"-3"-6"-3"-6"



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FL# 27403.1 R2

Florida dbpr

Product Approval
USER: Public User

FL #	FL27402-R2
Application Type	Revision
Code Version	2020
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Carports Anywhere
Address/Phone/Email	10858 S.E. County Road 221 Starke, FL (352) 468-1116 bodom@carportsanywhere.com
Authorized Signature	Brandie Odom bodom@carportsanywhere.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Structural Components
Subcategory	Roof Deck
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Johnathan Green
Florida License	PE-88223
Quality Assurance Entity	PRI Construction Materials Technologies, LLC
Quality Assurance Contract Expiration Date	06/23/2023
Validated By	Brian Jaks, P.E. Validation Checklist - Hardcopy Received
Certificate of Independence	FL27402_R2_COI_Letter of Certification-Carports Anywhere_sealed.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM E 1592	2005
FM 4471	1992

Equivalence of Product Standards Certified By	
Sections from the Code	
Product Approval Method	Method 1 Option D

Force Engineering & Testing
19530 Ramblewood Drive
Humble, Texas 77338
Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

Product Evaluation Report
CARPORTS ANYWHERE

Hampton Rib Roof Panel over open framing

Florida Product Approval # 27402.1 R2

Florida Building Code 2020
Per Rule 61G20-3
Method: 1 –D

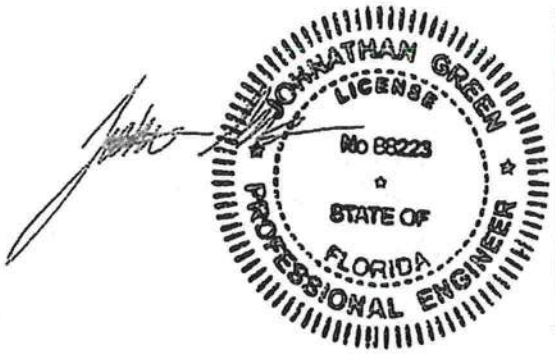
Category: Structural Components
Subcategory: Roof Deck
Compliance Method: 61G20-3.005(1)(d)
NON HVHZ

Product Manufacturer:
Carport Anywhere
10858 S.E. County Road 221
Starke, Florida 32091

Engineer Evaluator:
Johnathan Green, P.E. # 88223
Florida Evaluation ANE ID: 12901

Validator:
Brian Jaks, P.E. #70159

Contents:
Evaluation Report Pages 1- 4



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Force Engineering & Testing
19530 Ramblewood Drive
Humble, Texas 77338
Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

Table "B" 29 Ga. Hampton Rib Roof Panel

Maximum Design Pressure:	-57.3 psf	-150.9 psf	+39.0 psf	+143.1 psf
Fastener Pattern:	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"
Fastener Spacing:	4'-0" O.C.	2'-0" O.C.	4'-0" O.C.	2'-0" O.C.

*Design Pressure includes a Safety Factor = 2.0.

Code Compliance:

The product described herein has demonstrated compliance with The Florida Building Code 2020, Section 1504.3.2, 1504.7.

Evaluation Report Scope:

The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2020, as relates to Rule 61G20-3.

Performance Standards:

The product described herein has demonstrated compliance with:

- ASTM E 1592-05 (2012) Test method for structural performance of sheet metal roof and siding systems by uniform static air pressure difference
- FM 4471-92 - Foot Traffic Resistance Test

Reference Data:

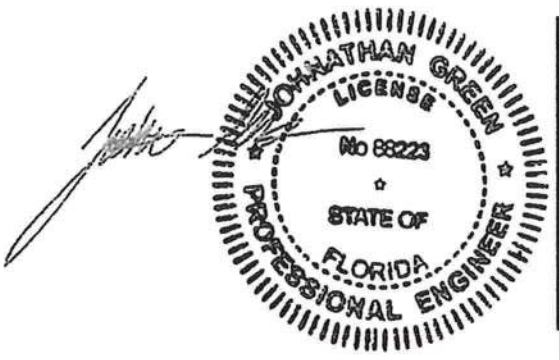
1. ASTM E 1592-05 (2012) Test
   Force Engineering & Testing, Inc. (FBC Organization # TST-5328)
   Report No. 667-0060T-18A-E, 667-0061T-18A-D
2. FM 4471-10, Section 4.4 Foot Traffic Resistance Test
   Force Engineering & Testing, Inc. (FBC Organization # TST-5328)
   Report No. 667-0060T-18F, 667-0061T-18E
3. Certificate of Independence
   By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing
   (FBC Organization # ANE ID: 12901

Test Standard Equivalency:

1. The FM 4471-10, Foot Traffic Resistance test standard is equivalent to FM 4471-92.

Quality Assurance Entity:

The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.

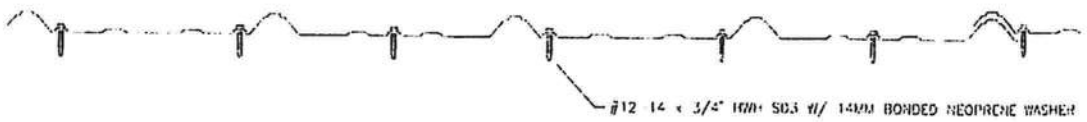


THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOHNATHAN GREEN ON THE DATE ADJACENT TO THE SEAL.

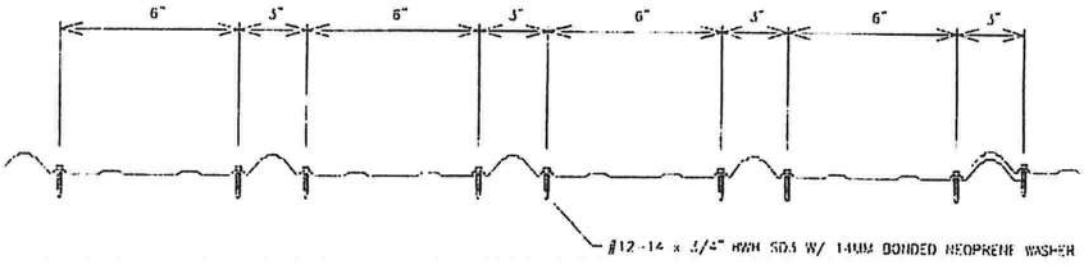
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Force Engineering & Testing
19530 Ramblewood Drive
Humble, Texas 77338
Phone: (281) 540-6603 FAX: (281) 540-9966
Website: www.forceengineeringtesting.com

26 GA. HAMPTON RIB FASTENER PATTERN 2-1-2-1



29 GA. HAMPTON RIB FASTENER PATTERN 6"-3"-6"-3"-6"-3"-6"



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FL# 27402.1 R2

FBC APPROVED PRODUCT LIST

CATEGORY	SUBCATEGORY	MANUFACTURER & PRODUCT	APPROVAL NUMBER	MAX ALLOWABLE WINDSPEED (MPH)
STRUCTURAL COMPONENT	ROOF DECK	CARPORTS ANYWHERE, HAMPTON RIB ROOF PANEL	27402.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORTS ANYWHERE, HAMPTON RIB WALL PANEL	27403.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORTS ANYWHERE, RESI-LAP SIDING WALL PANEL	27403.2	180
PANEL WALLS	WALL LOUVER (FLOOD VENT)	FLOOD SOLUTIONS, LLC., FS & FS HEX	17588.1	N/A
EXTERIOR DOOR	SWINGING	ELIXER DOOR & METAL CO., SERIES 407 VINYL STEEL OUT-SWINGING REGULAR DOOR - BLANK (NO WINDOW)	17996.5	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 3100: +21.6/-24.7	21450.3	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 3100: +42.5/-45	21450.4	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 3652: +36/-40	21450.6	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 750: MAX 3'x12' +35/-45	21450.8	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 750: MAX 6'x12' +19.9/-24.4	21450.9	140
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 750: MAX 8'x12' +24.4/-27	21450.10	160
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 750: MAX 10'x12' +19.4/-22.7	21450.11	140
WINDOW	SINGLE HUNG	MI WINDOWS AND DOORS, 185 SH	17499.1	180
WINDOW	SINGLE HUNG	POCOHONTAS ALUMINUM COMPANY, INC., MODEL 100VS	12940	150

POST/TRUSS MAXIMUM SPACINGS

ULTIMATE WINDSPEED (MPH)	STRUCTURE WIDTH (FT)	MAXIMUM POST/TRUSS SPACING (FT)
120-150	6-24	5.0
120-150	>24-30	4.0
>150	ALL	4.0

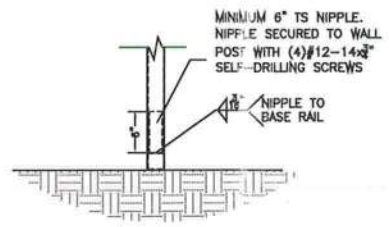
NOTES:
1. NOT APPLICABLE FOR STRUCTURES WITH A MEAN ROOF HEIGHT OVER 20 FEET AND/OR ROOF PITCH STEEPER THAN 6:12
2. APPLICABLE ONLY FOR ANY MATERIALS LISTED ON THE APPROVED PRODUCTS CHART AND FRAMING INDICATED IN THE GENERAL NOTES AND DETAILS
3. 5' O.C. REQUIRES VERTICAL ROOF.

GROUND ANCHOR LENGTH

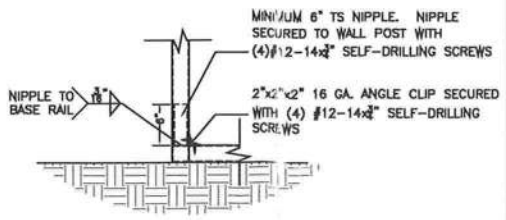
(ALL BUILDING WIDTHS ≤ 30')	WIND SPEED (MPH)			
SOIL TYPE	≤ 140	145-155	160-170	175-180
VERY DENSE AND/OR CEMENTED SAND, COARSE GRAVEL, COBBIES, PRELOADED SILTS, CLAYS AND CORAL	30"	30"	48"	48"
MEDIUM DENSE COARSE SANDS, SANDY GRAVEL, VERY STIFF SILTS AND CLAYS	30"	48"	48"	60"
LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS, SILTS AND ALLUVIAL FILL	48"	48"	60"	60"
LOOSE SANDS, FIRM CLAYS, SILTS AND ALLUVIAL FILL	48"	60"	60"	60"

NOTES:
SUB-GRADE SOILS:
-TO BE TERMITE TREATED AND COVERED WITH 6 MIL VAPOR RETARDANT PER SECTION R318 AND 1816 OF THE 2020 FLORIDA BUILDING CODE, 7TH EDITION
-ANY FILL DIRT COMPACTED TO MINIMUM 95%
CONCRETE:
-MINIMUM 2,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS
-ALL OPEN AREAS OF CONCRETE OUTSIDE OF THE PROPOSED STRUCTURE SHALL BE DESIGNED TO SLOPE AWAY FROM THE STRUCTURE
REINFORCING STEEL (REBAR) REQUIREMENTS:
-MINIMUM GRADE 40 STEEL
-REBAR MAY BE BENT IN SHOP OR FIELD PROVIDED:
-THE REBAR IS BENT COLD
-THE DIAMETER OF THE BEND MEASURED ON THE INSIDE DOES NOT EXCEED 6-BAR DIAMETERS: AND
-REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT EXCEPT IN CASES WHERE DOWELS NEED TO BE BENT TO ALIGN WITH A VERTICAL CELL. THESE REBAR MAY BE BENT NOT TO EXCEED TO SLOPE OF 1" HORIZONTALLY TO 6" VERTICALLY.
-COVER:
-3" COVER MINIMUM WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH SOIL OR WEATHER, AND 1½" ELSEWHERE. REBAR EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF ¼" FOR FINE GROUT, AND ½" FOR COARSE GROUT BETWEEN REBAR AND ANY FACE OF A CELL. REBAR USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2" FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER, AND 1½" FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER.
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.

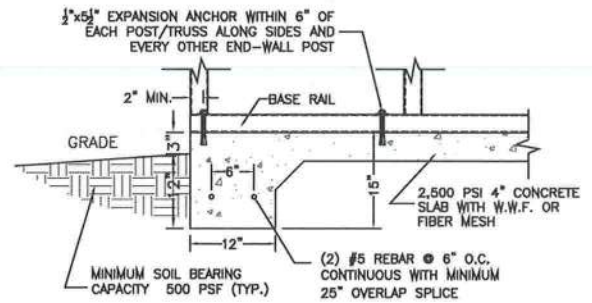
THESE PLANS PERTAIN ONLY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM, COMPONENTS AND CLADDING, AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS.
THESE STRUCTURES ARE DESIGNED AS NON-HABITABLE UTILITY/STORAGE BUILDINGS (RISK CATEGORY I) CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE AND APPLICABLE LIVE AND WIND LOADS. IMPROVEMENTS NOT SPECIFICALLY ADDRESSED HEREIN, INCLUDING DOORS, WINDOWS, OR OTHER COMPONENTS NOT LISTED IN THE FBC APPROVED PRODUCTS LIST (THIS SHEET), AND NOT PROVIDED AND INSTALLED BY CARPORTS ANYWHERE, INC., WHICH EXERT ADDITIONAL LOADS ON THE STRUCTURE SHALL BE AT THE OWNER'S RISK. CARPORTS ANYWHERE NOR THE ENGINEERING DESIGN SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FAILURE DUE TO THE APPLICATION OF ADDITIONAL LOADS.
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.
FOR ALL SIDE-WALL FRAME OUTS, THE HEADER BRACE ANGLES ARE USED INSTEAD OF THE STANDARD U-CHANNEL BRACES.
ANY FILL DIRT NEEDED FOR THE FOUNDATION IS TO BE COMPACTED TO 95%.



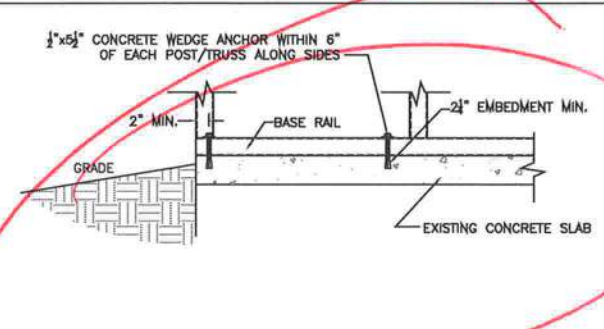
POST TO BASE RAIL CONNECTION



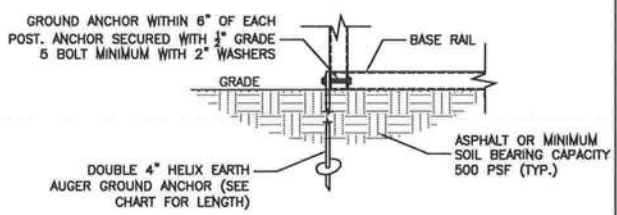
END POST TO BASE RAIL CONNECTION



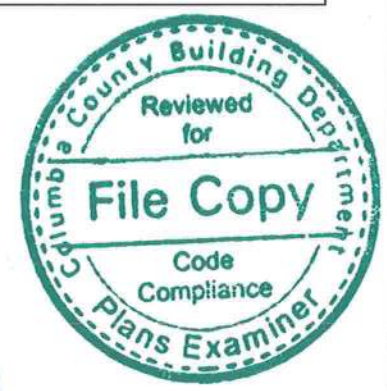
CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



GROUND ANCHOR BASE RAIL DETAIL



4/4

CARPORTS ANYWHERE

CODE INFORMATION	
CODE VERSION	FBC 2020 7th Edition, ASCE-7-16
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Vult 120-180mph
EXPOSURE	B/C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300lb POINT LOAD
FLOOR DEAD LOAD	10PSF
FLOOR LIVE LOAD	50PSF
"R" RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	

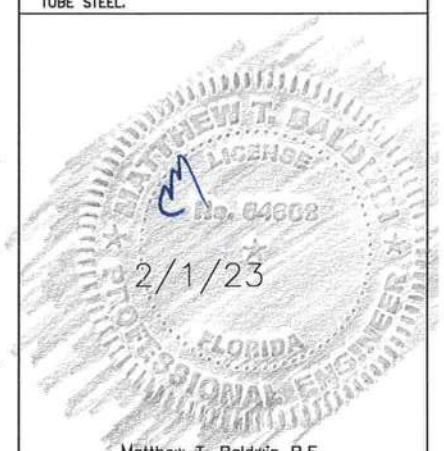
REVISIONS

REV	DESCRIPTON	DATE	BY
1	HEADER SPLICE, FILL COMPACTION	8/16/22	MTB
2	PRODUCT #'s, NOTES	1/30/23	MTB

Drawn By: MTB
Date: 5/27/20
Location: FLORIDA

ENCLOSED GENERIC ENGINEERING

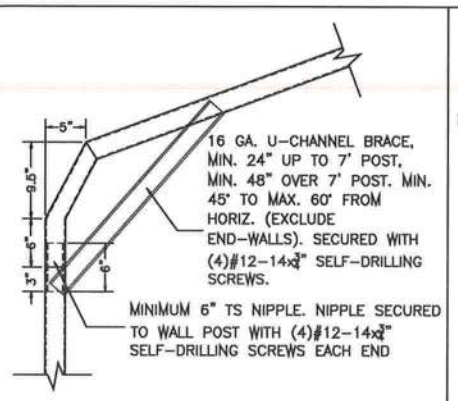
GENERAL NOTES
1. THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2.
2. ALL STEEL TUBING SHALL BE 50 KSI STEEL.
3. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
4. FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4" SELF-DRILLING SCREWS.
5. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED. NO WELDING ONSITE. ALL WELDING DONE IN SHOP BY A CERTIFIED WELDER.
6. CONCRETE EXPANSIONS ANCHORS ARE TO BE MINIMUM 1/2"x5.6", 2,500LB TENSILE STRENGTH.
7. 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL. 12GA. FRAMING IS 2.25"x2.25" TUBE STEEL. NIPPLES ARE 2.0"x2.0" TUBE STEEL.



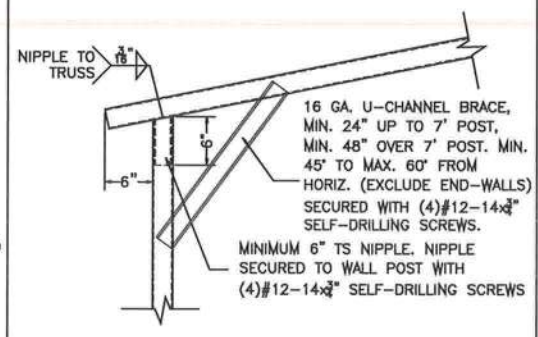
Matthew T. Baldwin P.E.
Florida License #64608

TITLE: PRODUCTS, ANCHORING, SPACING & CONCRETE DETAILS

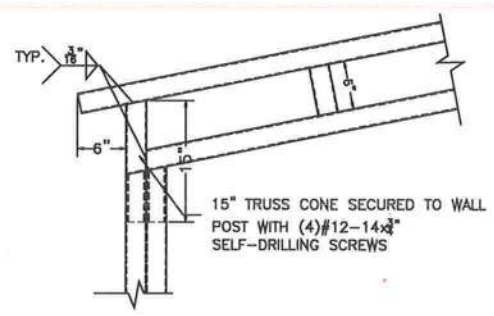
Sheet: CA-1 OF 3



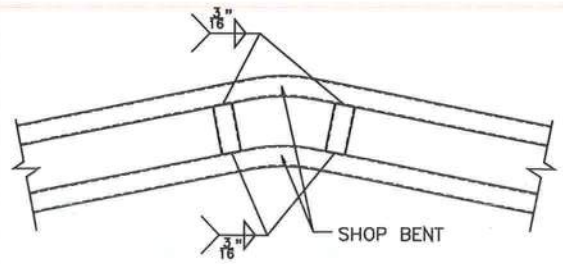
BOW RAFTER TO POST CONNECTION DETAIL



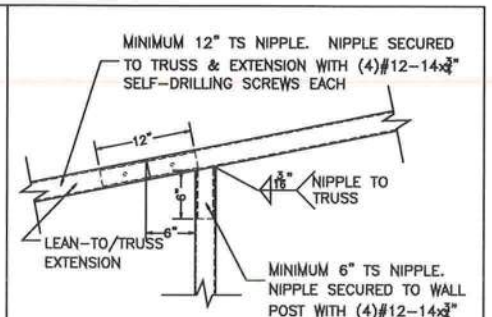
BOX EAVE RAFTER TO POST CONNECTION DETAIL



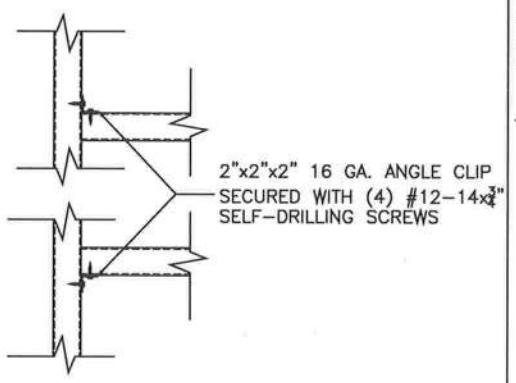
40' BOX EAVE RAFTER TO POST CONNECTION DETAIL



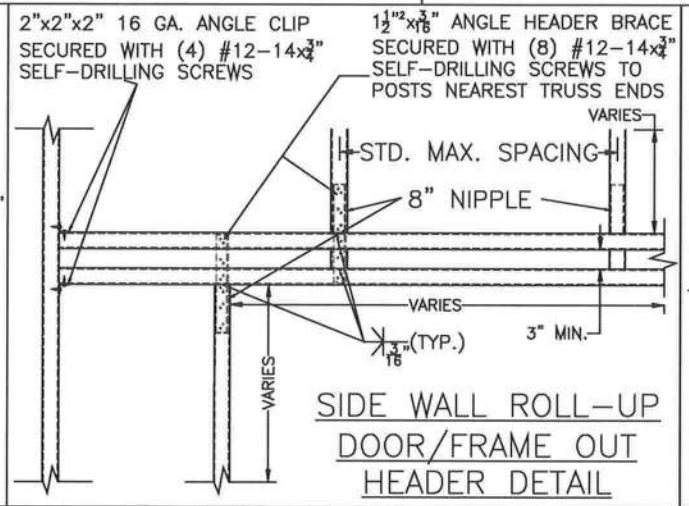
TRUSSED RAFTER CONNECTION DETAIL



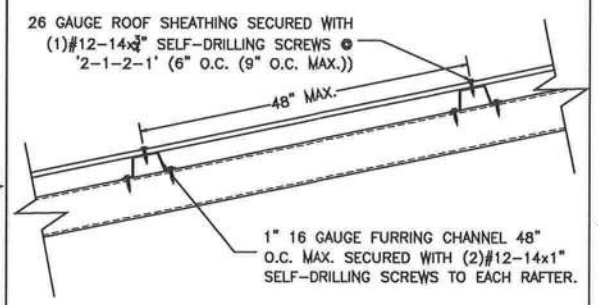
LEAN-TO TO TRUSS CONNECTION



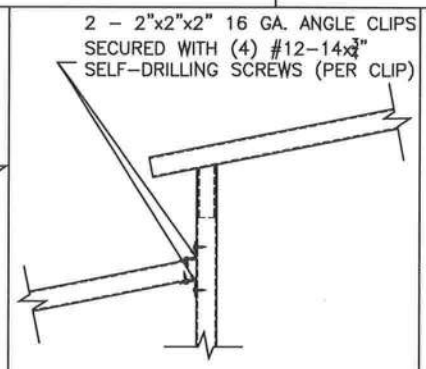
NON-STRUCTURAL HEADER OR WINDOW RAIL TO POST DETAIL



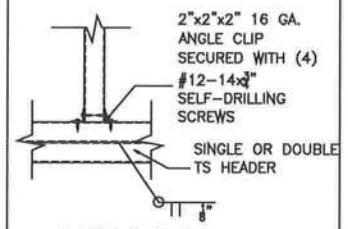
SIDE WALL ROLL-UP DOOR/FRAME OUT HEADER DETAIL



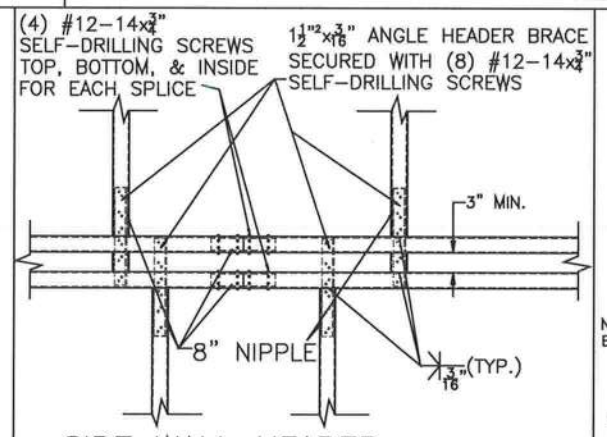
ROOF PANEL CONNECTION
VERTICAL SHEATHING OPTION



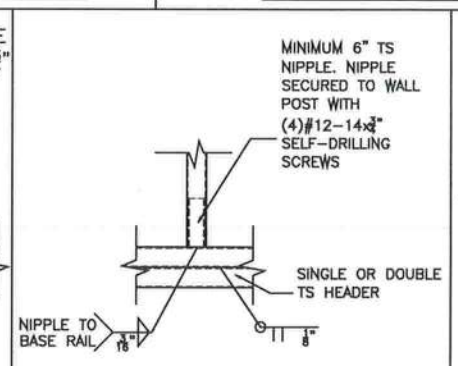
LEAN-TO TO TRUSS CONNECTION



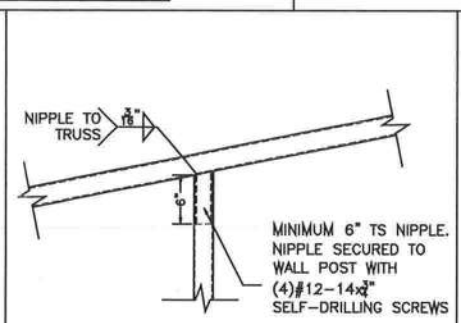
HEADER CONNECTION DETAIL OPTION 1



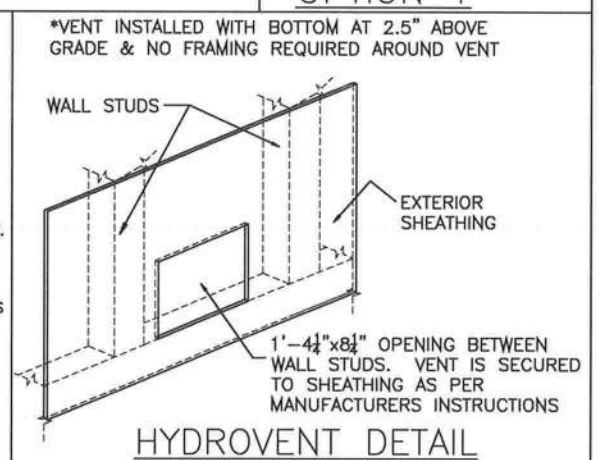
SIDE WALL HEADER SPLICE DETAIL



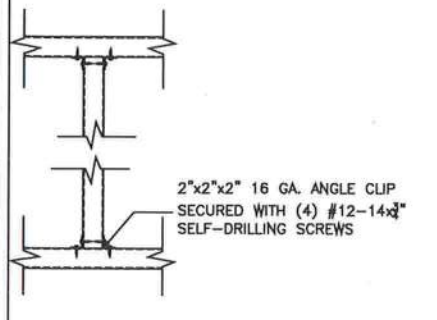
HEADER CONNECTION DETAIL OPTION 2



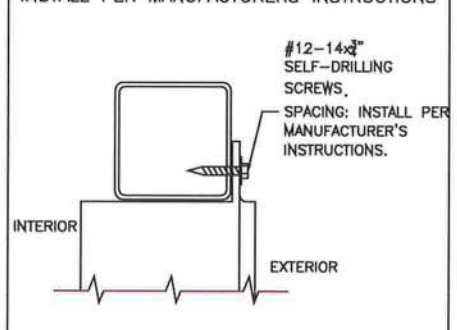
POST TO TRUSS CONNECTION



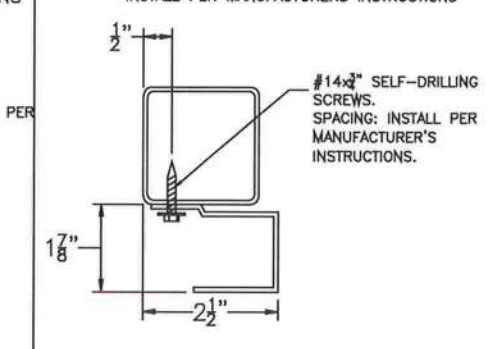
HYDROVENT DETAIL (OPTIONAL)



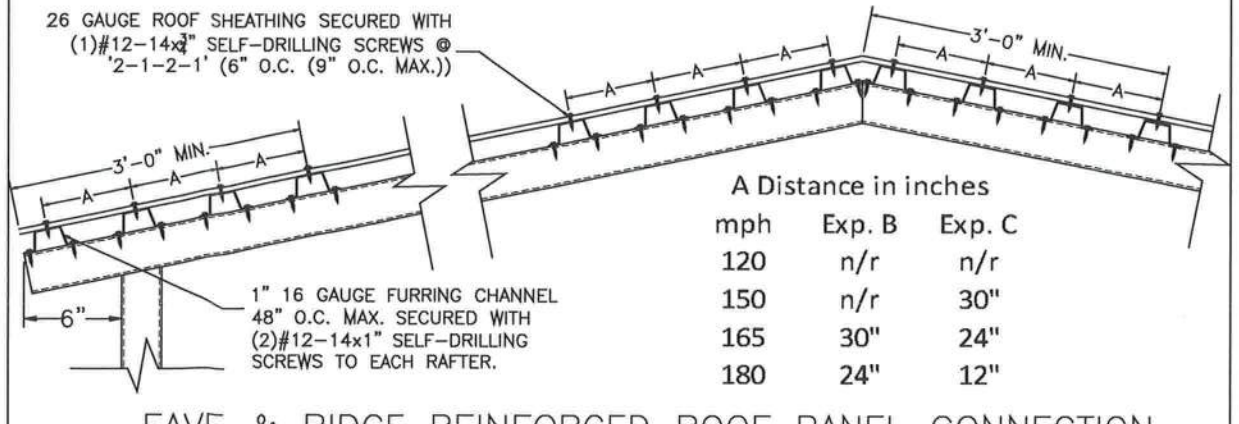
INTERMEDIATE POST TO HEADER/BASE RAIL/OR WINDOW RAIL DETAIL



DOOR FRAME TO POST CONNECTION



ROLL-UP DOOR TO POST CONNECTION



A Distance in inches

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

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

CARPORTS ANYWHER

CODE INFORMATION	
CODE VERSION	FBC 2020 7th Edition, ASC
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Vult 120-180mph
EXPOSURE	B/C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300lb POINT LO
FLOOR DEAD LOAD	10PSF
FLOOR LIVE LOAD	50PSF
"R" RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	

REVISIONS

REV	DESCRIPTON	DATE
1	HEADER SPLICE, FILL COMPACTION	8/16/22
2	PRODUCT #'s, NOTES	1/30/23

Drawn By: MTB
Date: 5/27/20
Location: FLORIDA

ENCLOSED GENERIC ENGINEERING

GENERAL NOTES
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2/1/23

Matthew T. Baldwin P.E.
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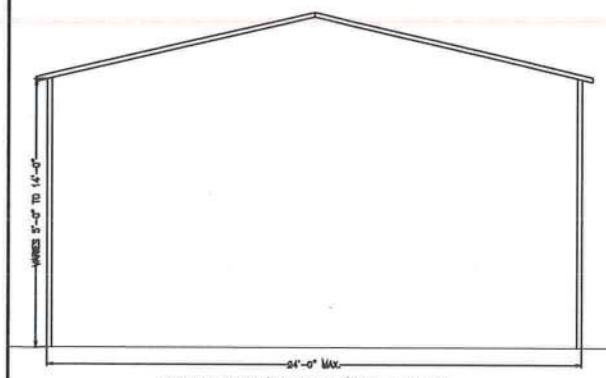
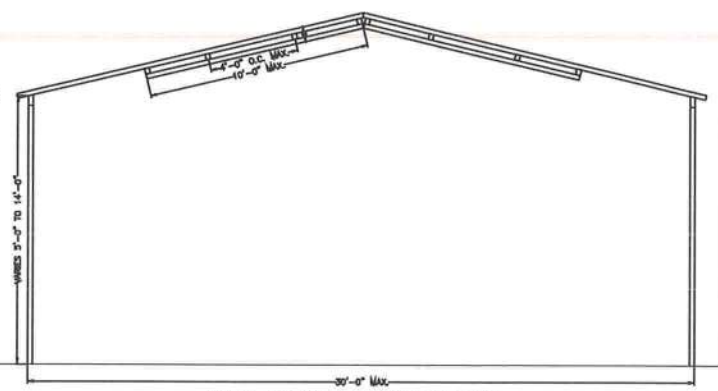
TITLE: DETAILS

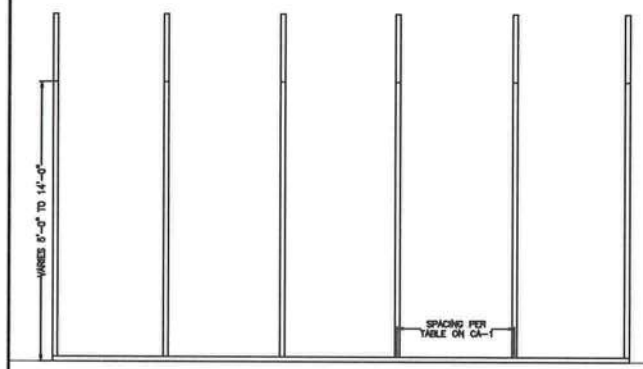
Sheet: CA-2 OF 3



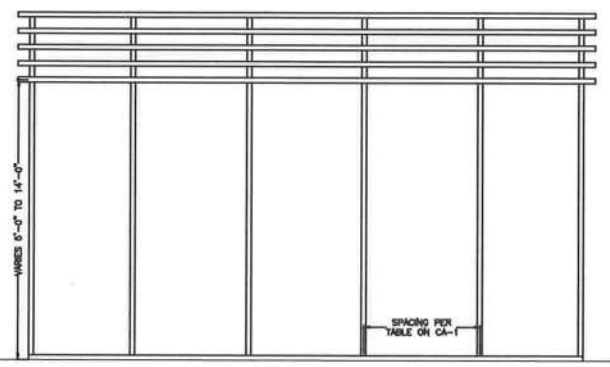
TYPICAL POST/TRUSS FRAMING SECTION –
BOX EAVE, UP TO & INCLUDING 24' WIDE



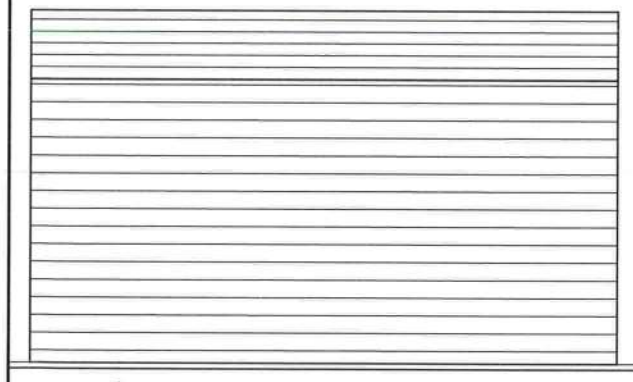
TYPICAL POST/TRUSS FRAMING SECTION –
BOX EAVE, 24'-1" TO 30' WIDE



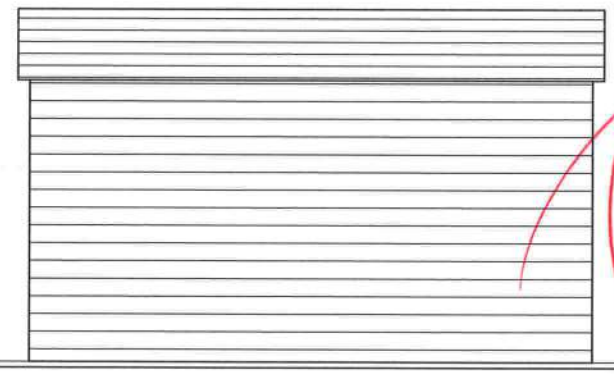
TYPICAL SIDE WALL FRAMING –
BOX EAVE/BOW FRAME, HORIZONTAL ROOF



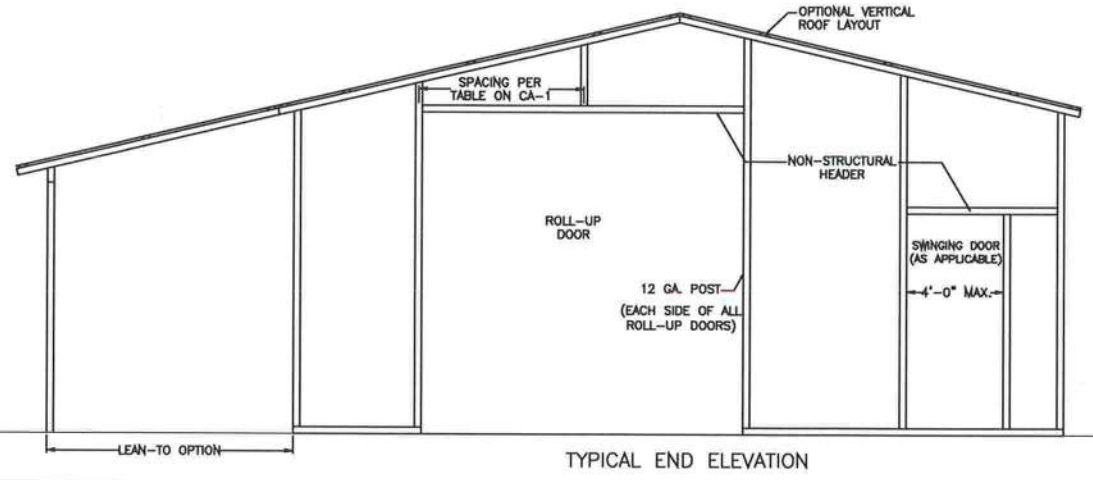
TYPICAL SIDE WALL FRAMING –
BOX EAVE, VERTICAL ROOF



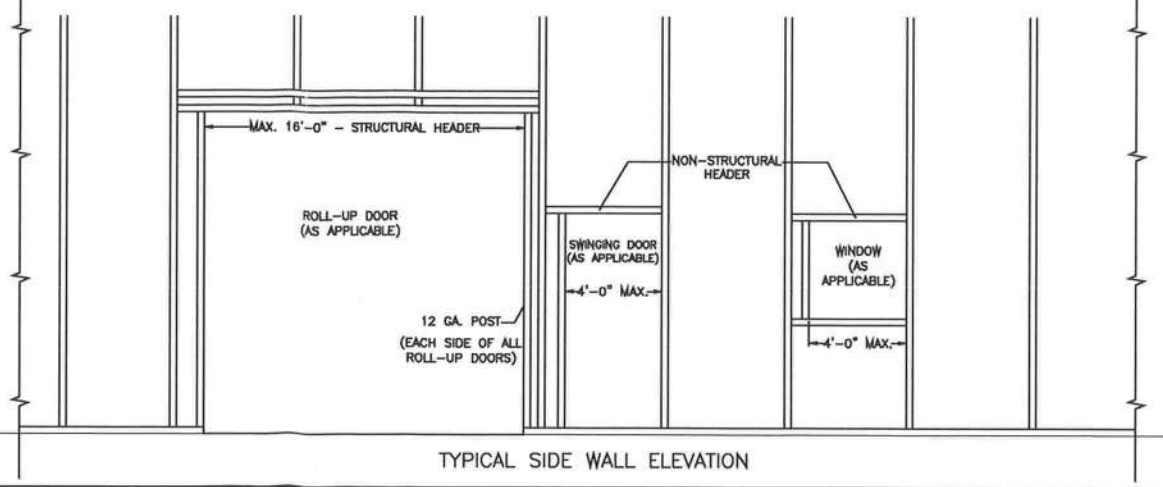
TYPICAL SIDE WALL ELEVATION –
BOW FRAME, HORIZONTAL WALLS & ROOF



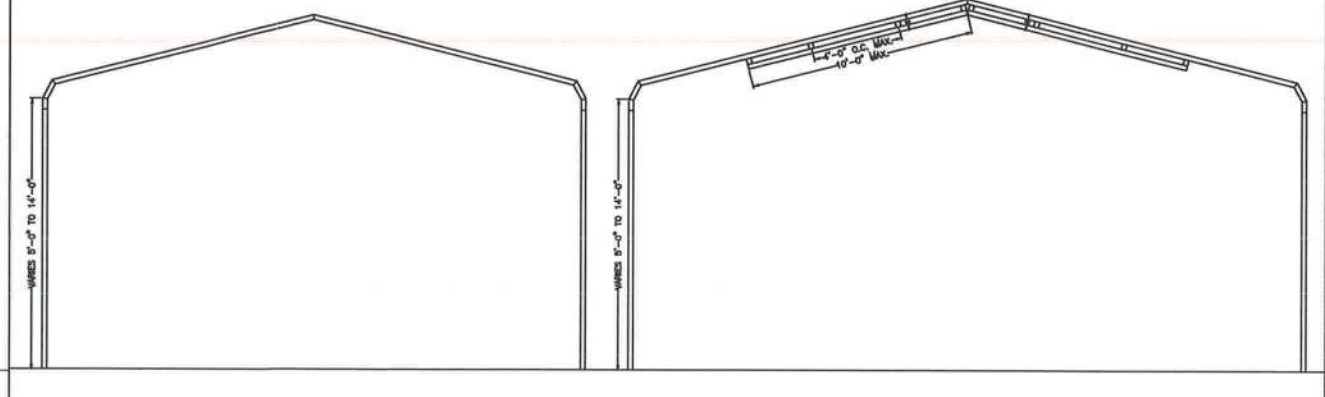
TYPICAL SIDE WALL ELEVATION –
BOX EAVE, HORIZONTAL WALLS (OR LAP) & ROOF

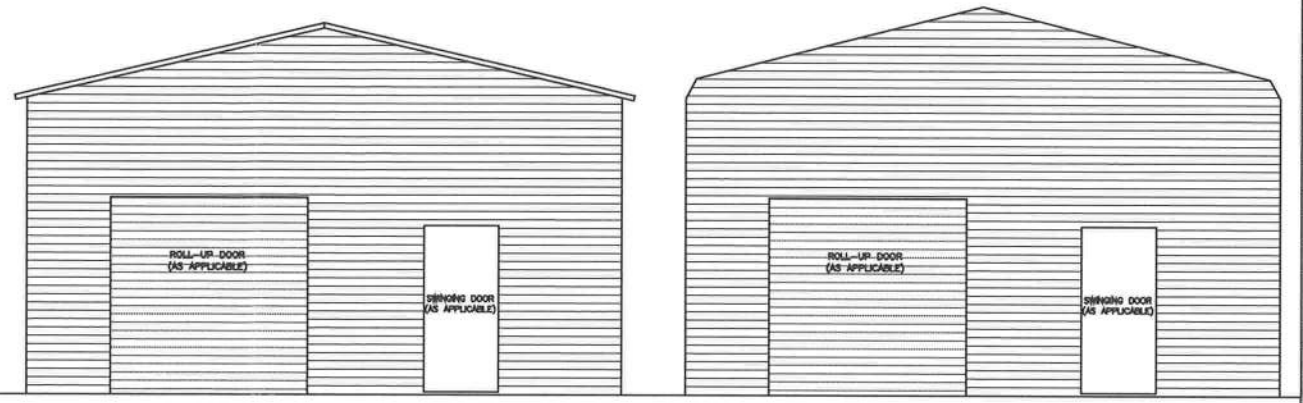


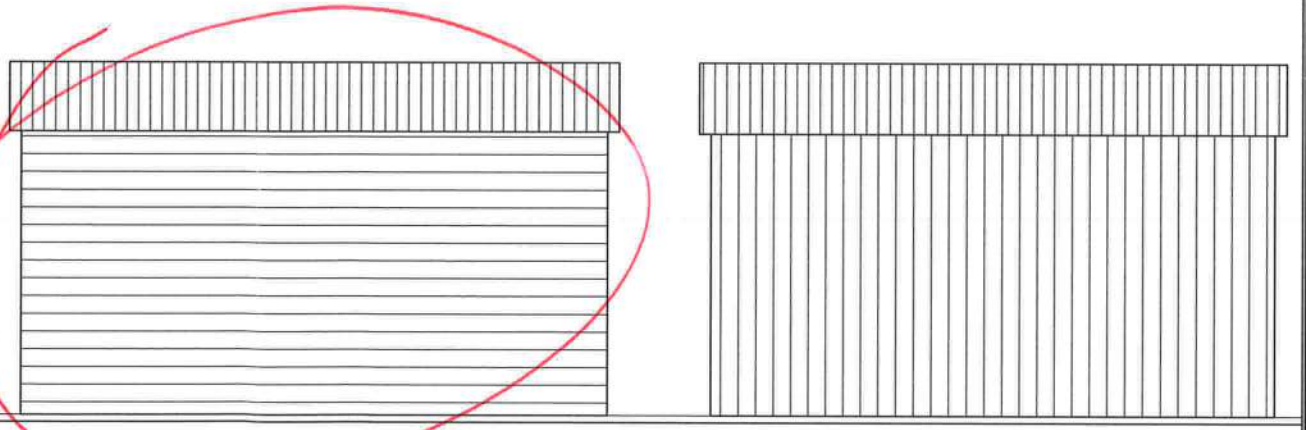
TYPICAL END ELEVATION



TYPICAL SIDE WALL ELEVATION







CARPORTS ANYWHER

CODE INFORMATION	
CODE VERSION	FBC 2020 7th Edition, ASCI
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Vult: 120-180mph
EXPOSURE	B/C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300lb POINT LOA
FLOOR DEAD LOAD	10PSF
FLOOR LIVE LOAD	50PSF
"R" RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	

REVISIONS

REV	DESCRIPTON	DATE
1	HEADER SPLICE, FILL COMPACTION	8/16/22
2	PRODUCT #'s, NOTES	1/30/23

Drawn By: MTB

Date: 5/27/20

Location: FLORIDA

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TITLE: LAYOUT VIEWS

Sheet: CA-3 OF 3