

FBC APPROVED PRODUCT LIST

CATEGORY	SUBCATEGORY	MANUFACTURER & PRODUCT	APPROVAL NUMBER	MAX ALLOWABLE WINDSPEED (MPH)
STRUCTURAL COMPONENT	ROOF DECK	CARPORTS ANYWHERE, HAMPTON RBG ROOF PANEL	27402.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORTS ANYWHERE, HAMPTON RBG WALL PANEL	27402.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORTS ANYWHERE, RES-LAP SIDING WALL PANEL	27403.2	180
PANEL WALLS	WALL LOUVER (FLOOD VENT)	FLOOD SOLUTIONS, LLC, FS & FS HEX	17288.1	N/A
EXTERIOR DOOR	SWINGING	ELKER DOOR & METAL CO., SERIES 230 W9 STEEL O/S DOOR W/ COTTAGE WINDOW	17998.2	180
EXTERIOR DOOR	SWINGING	ELKER DOOR & METAL CO., SERIES 407 VINYL STEEL OUT-SWINGING REGULAR DOOR - BLANK (NO WINDOW)	17998.5	180
EXTERIOR DOOR	ROLL-UP	ASTA DOOR CORPORATION, 203 WINDLOCK	8888.1	150
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 3100: +40/-40	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 750: MAX 8'x12' +24.4/-27	21450.9	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 750: MAX 10'x12' +19.4/-22.7	21450.10	140
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 750: MAX 10'x12' +19.4/-22.7	12940.1	130
WINDOW	SINGLE HUNG	POCAHONTAS ALUMINUM COMPANY, INC., 100 VS VERTICAL SLIDING WINDOW	17499.1	180
WINDOW	SINGLE HUNG	MI WINDOWS AND DOORS, 185 SH	17499.1	180

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

(ALL BUILDING WIDTHS ≤ 30')

SOIL TYPE	≤ 140	145-155	160-170	175-180
VERY DENSE AND/OR GRANULATED SAND, COARSE GRAVEL, COBBLES, 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"

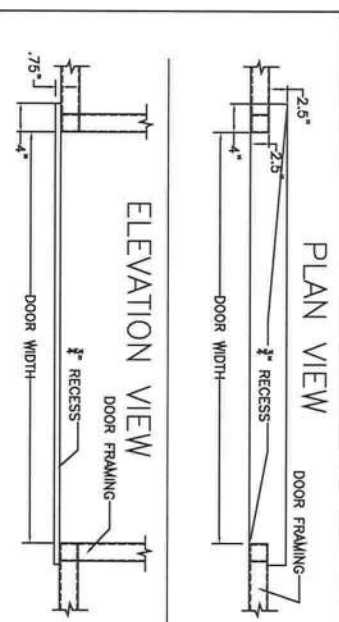
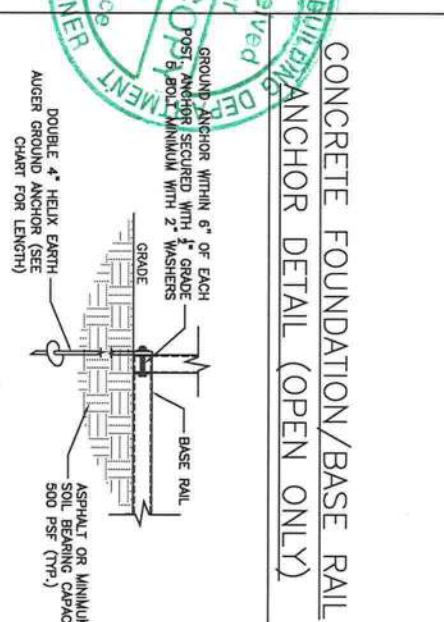
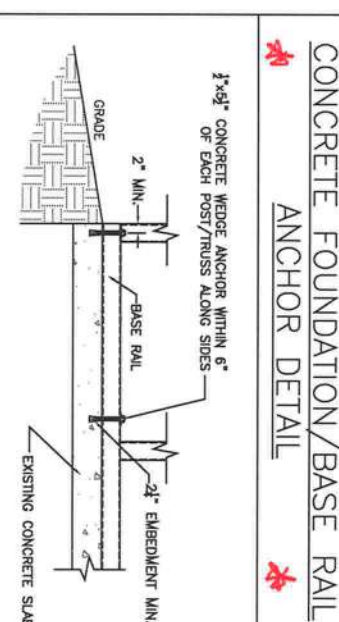
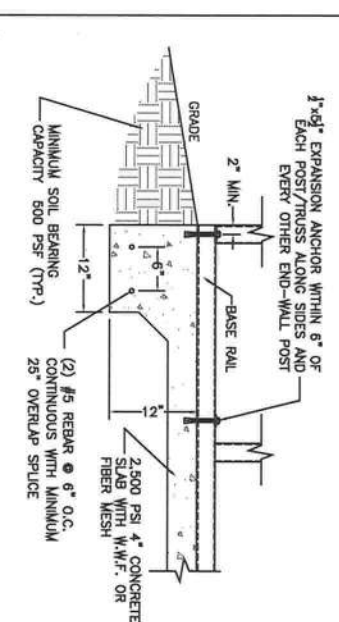
GROUND ANCHOR LENGTH

NOTES:
 -SUB-GRADE SOILS:
 -TO BE TREATED AND COVERED WITH 6 MIL VAPOR RETARDANT PER SECTION R318 AND 1816 OF THE 2020 FLORIDA BUILDING CODE, 7TH EDITION
 -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 1/2" ELSEWHERE. REBAR EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/2" FOR FINE GROUT, AND 3/4" 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 1/2" 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 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.



CODE INFORMATION

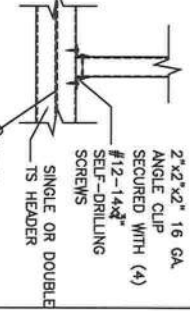
CODE VERSION	FBC 2020 7th Edition, ASCE-7-16
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	I-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Ve 120-180mph
EXPOSURE	B/C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 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
T-RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	

REV	DESCRIPTION	DATE	BY

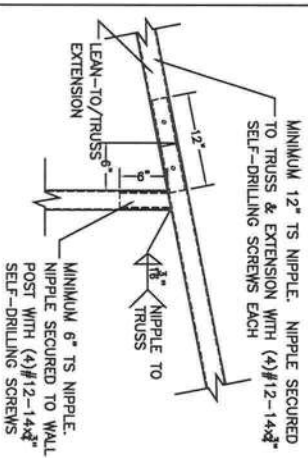
Drawn By:	MTB
Date:	5/27/20
Location:	FLORIDA
Model#:	ENCLOSED GENERIC ENGINEERING
GENERAL NOTES:	<ol style="list-style-type: none"> THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2. ALL STEEL TUBING SHALL BE 50 KSI STEEL. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER. ROOF AND WALL SHEATHING SECURED WITH #12-14x1 SELF-DRILLING SCREWS WITH SEAL WASHERS @ 6" O.C. MAX. FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4 SELF-DRILLING SCREWS. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED ON SITE. ALL WELDING DONE IN SHOP. NO WELDING DONE ON SITE. CONCRETE EXPANSION ANCHORS ARE TO BE MINIMUM 1/2"x3" 2500LB TENSILE STRENGTH. 8, 12 OR 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL.
Sheet:	CA-1 OF 3
Date:	12/21/20
Author:	Matthew T. Baldwin P.E. Florida License #64608

CODE INFORMATION

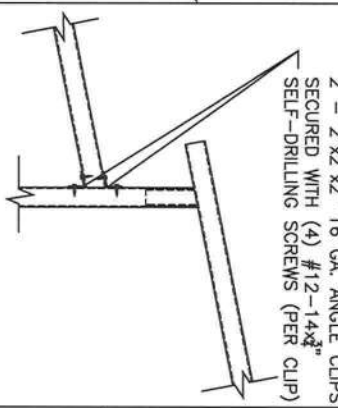
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MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	I-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Ve: 120-180mph
EXPOSURE	B/C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300# 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	



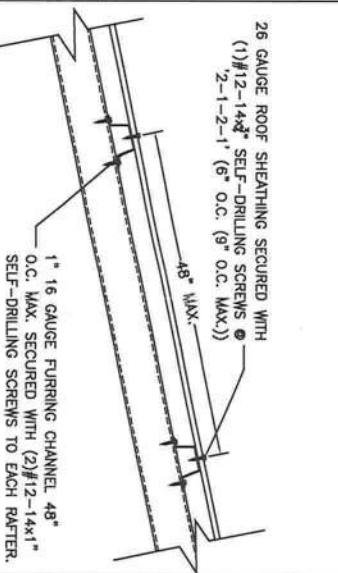
LEAN-TO TO TRUSS CONNECTION
DETAIL
OPTION 1



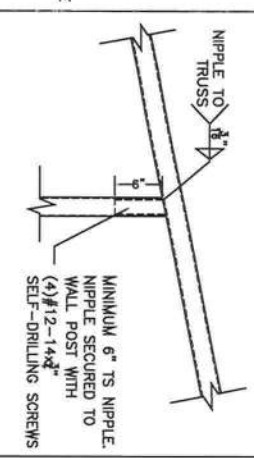
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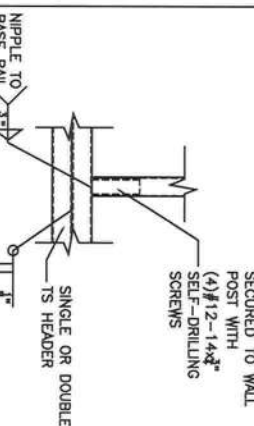
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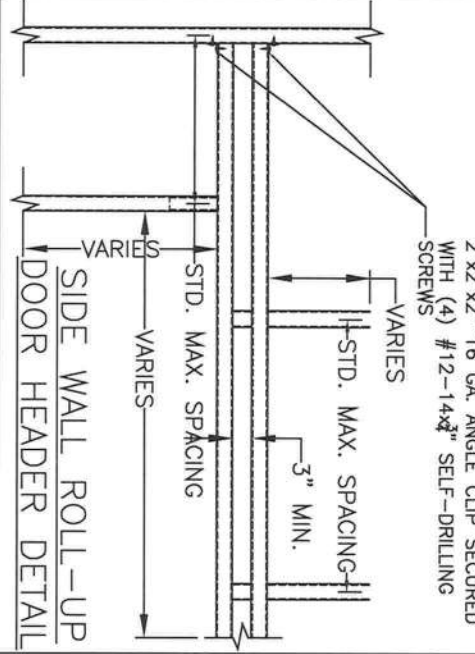
ROOF PANEL CONNECTION
VERTICAL SHEATHING OPTION



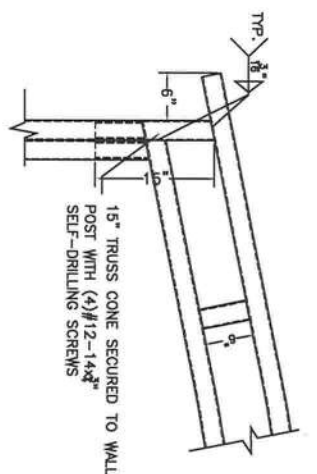
POST TO TRUSS CONNECTION



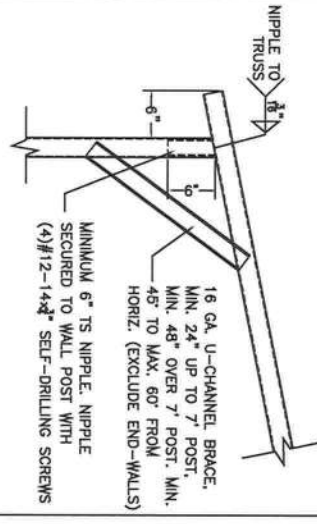
HEADER CONNECTION
DETAIL OPTION 2



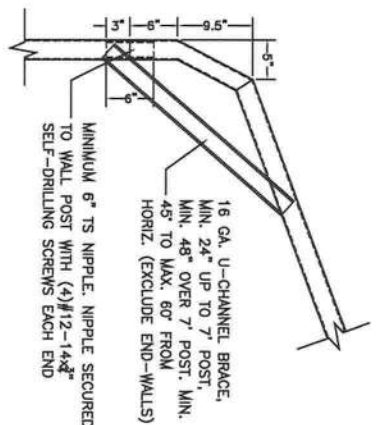
SIDE WALL ROLL-UP
DOOR HEADER DETAIL



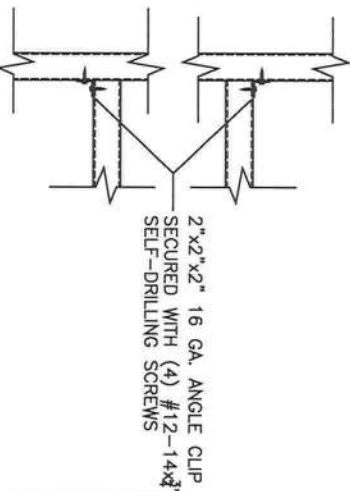
40' BOX EAVE RAFTER TO
POST CONNECTION DETAIL



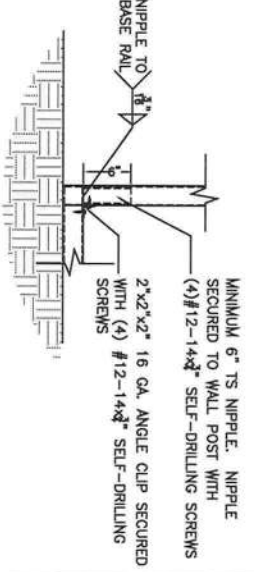
BOX EAVE RAFTER TO
POST CONNECTION DETAIL



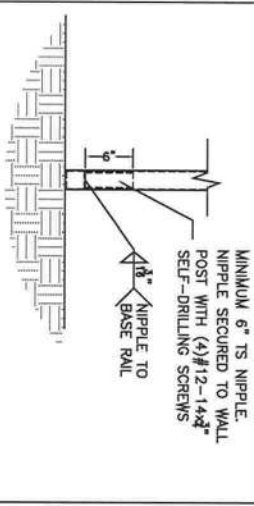
BOW RAFTER TO POST
CONNECTION DETAIL



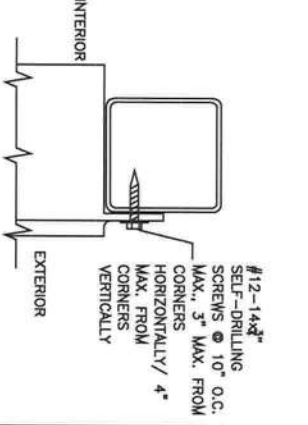
NON-STRUCTURAL HEADER OR
WINDOW RAIL TO POST DETAIL



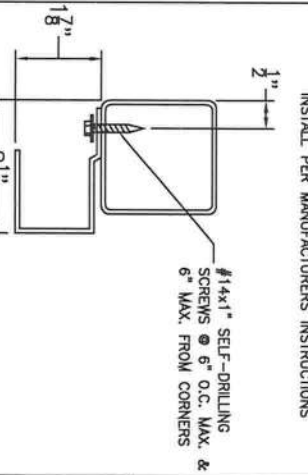
END POST TO BASE RAIL
CONNECTION



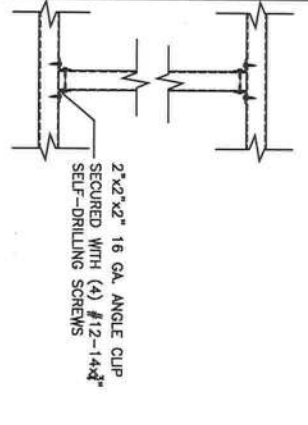
POST TO BASE RAIL
CONNECTION



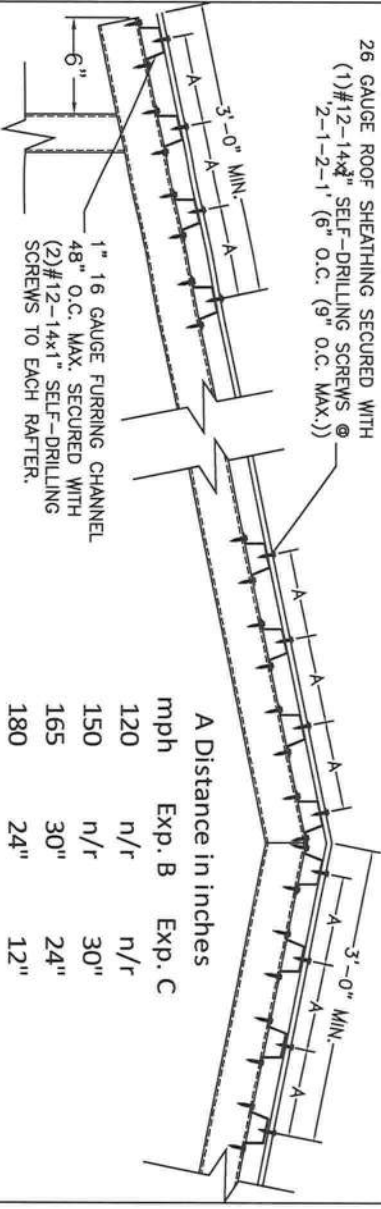
DOOR FRAME TO POST
CONNECTION



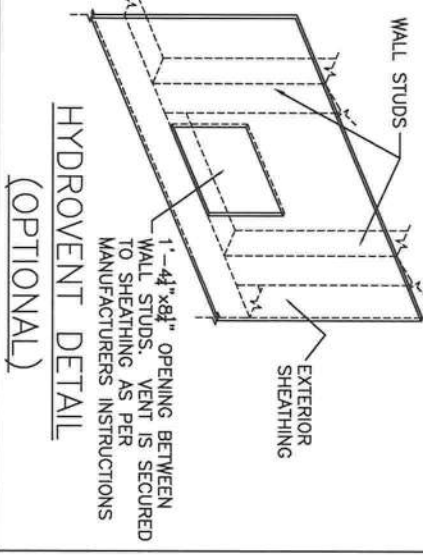
ROLL-UP DOOR TO
POST CONNECTION



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



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



HYDROVENT DETAIL
(OPTIONAL)

A Distance in inches

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

*VENT INSTALLED WITH BOTTOM AT 2.5\"/>

Drawn By: MTB
Date: 5/27/20
Location: FLORIDA
Model#: 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. ROOF AND WALL SHEATHING SECURED WITH #12-14x1 SELF-DRILLING SCREWS WITH SEAL WASHERS @ 6\"/>



CODE INFORMATION

CODE VERSION	FBC 2020 7th Edition, ASCE-7-18
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	V _e : 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 _w RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	

REVISIONS

REV	DESCRIPTION	DATE	BY

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

Mod#1: ENCLOSED GENERIC ENGINEERING

- GENERAL NOTES**
- THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2.
 - ALL STEEL TUBING SHALL BE 50 KSI STEEL.
 - PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
 - ROOF AND WALL SHEATHING SECURED WITH #12-14x1" SELF-DRILLING SCREWS WITH SEAL WASHERS @ 8" O.C. MAX.
 - FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4" SELF-DRILLING SCREWS.
 - ALL SHOP FRAMING CONNECTIONS ARE TO BE IN SHOP BY WELDED END HEADERS.
 - CONCRETE EXPANSION ANCHORS ARE TO BE MINIMUM 1/2"x3" 2500LB TENSILE STRENGTH, 8, 12 OR 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL.

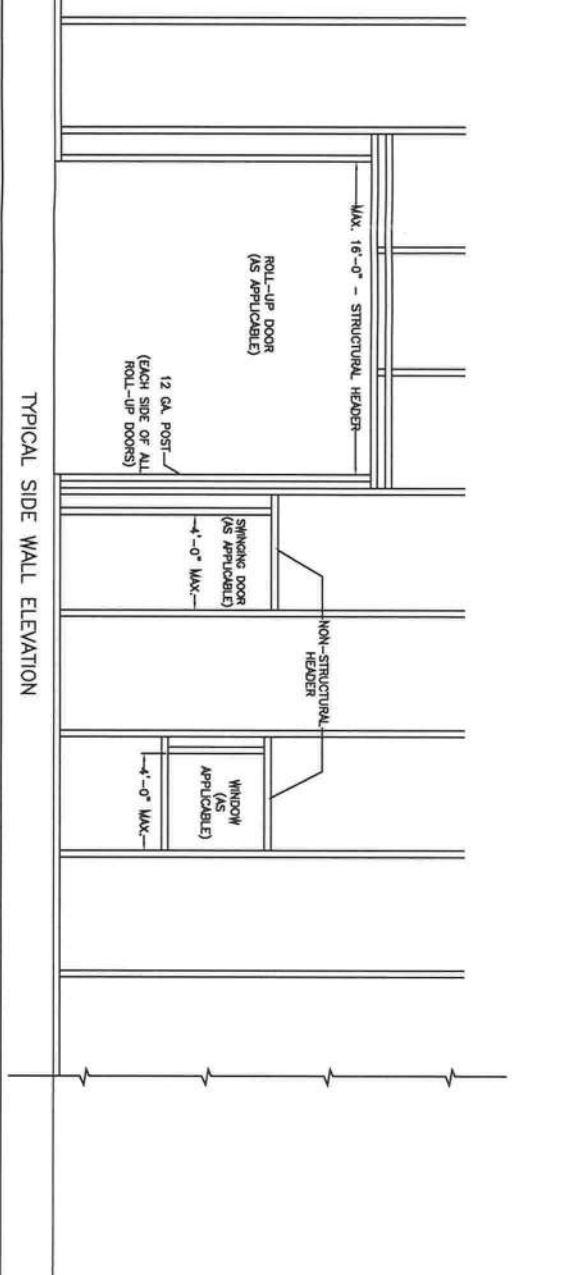
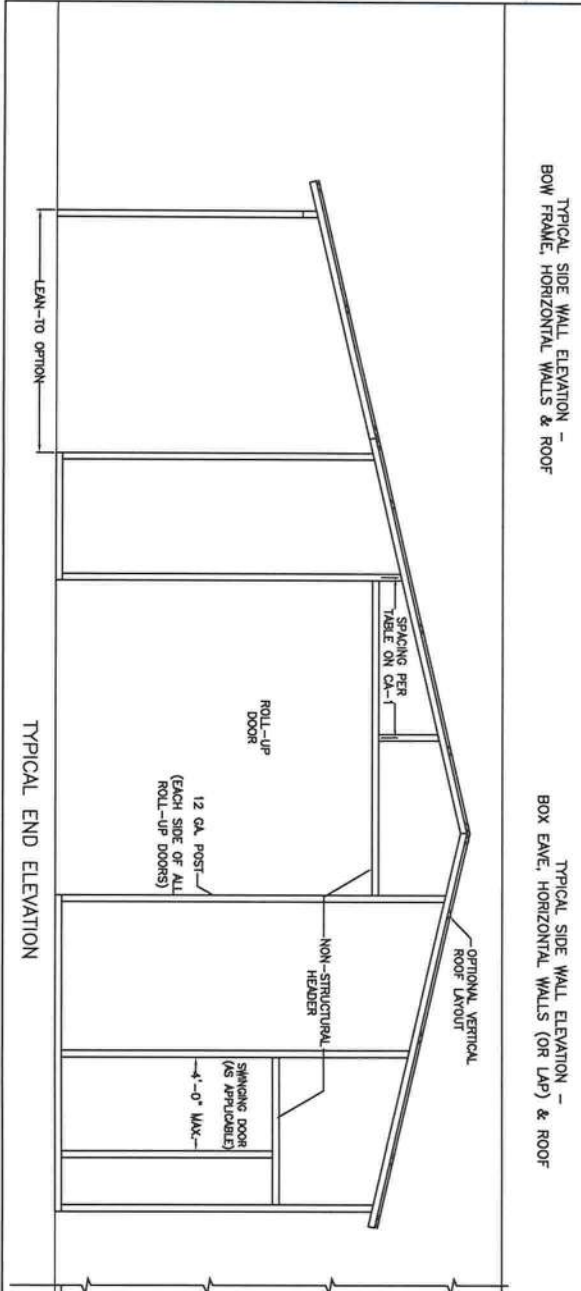
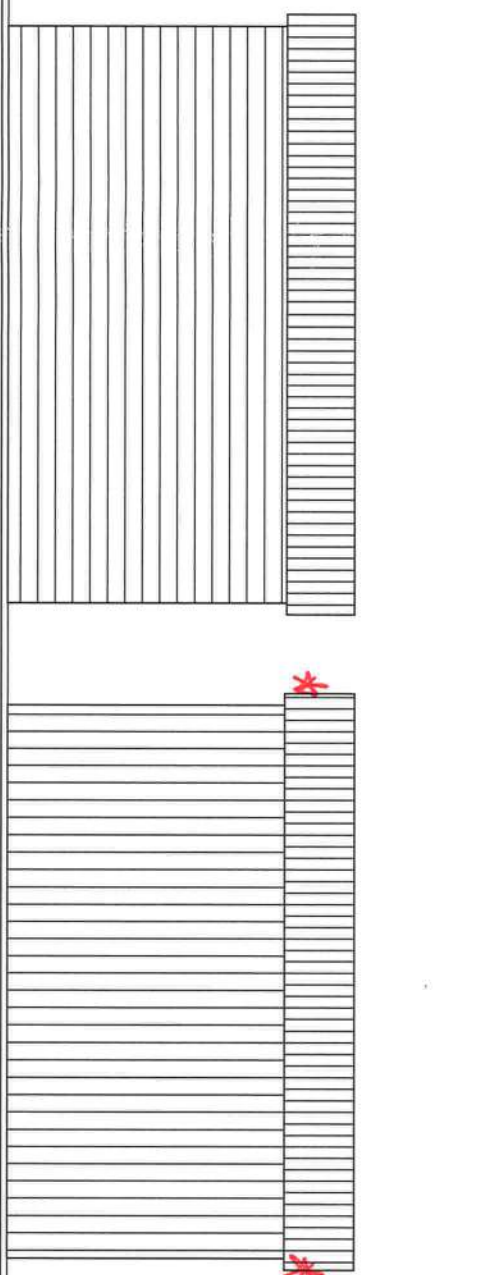
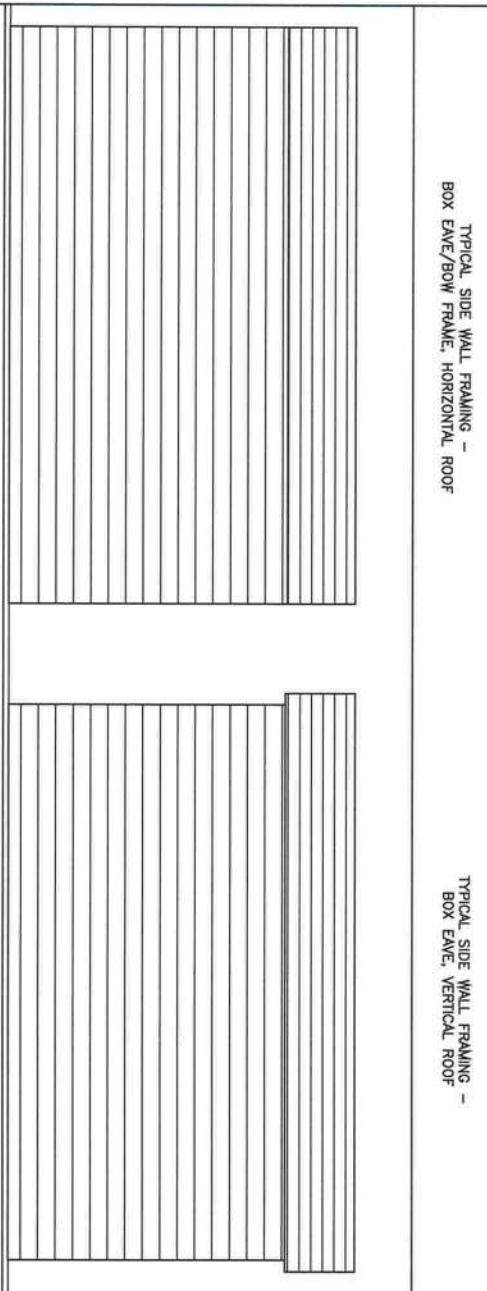
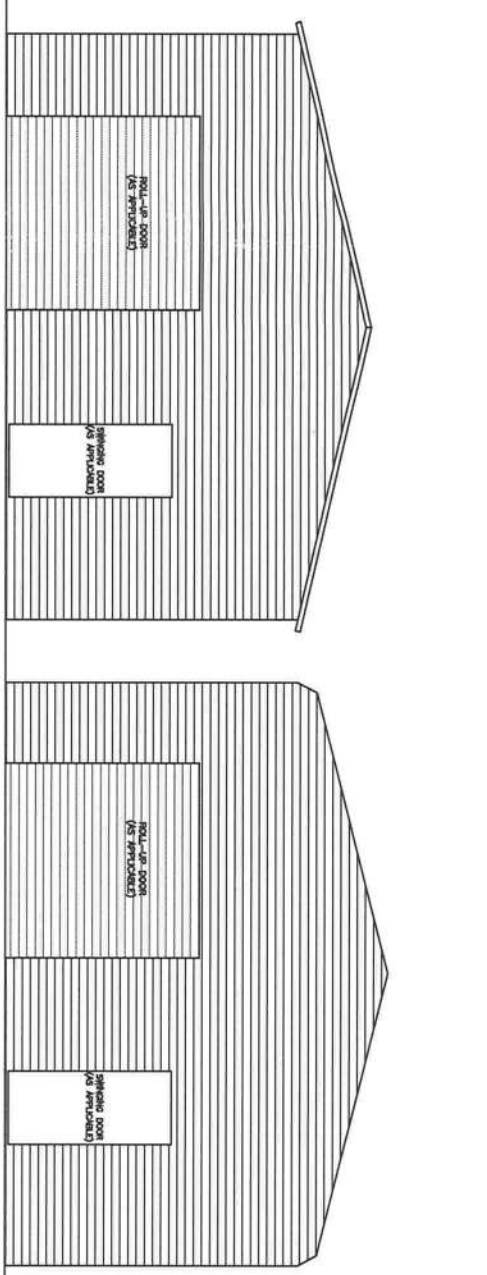
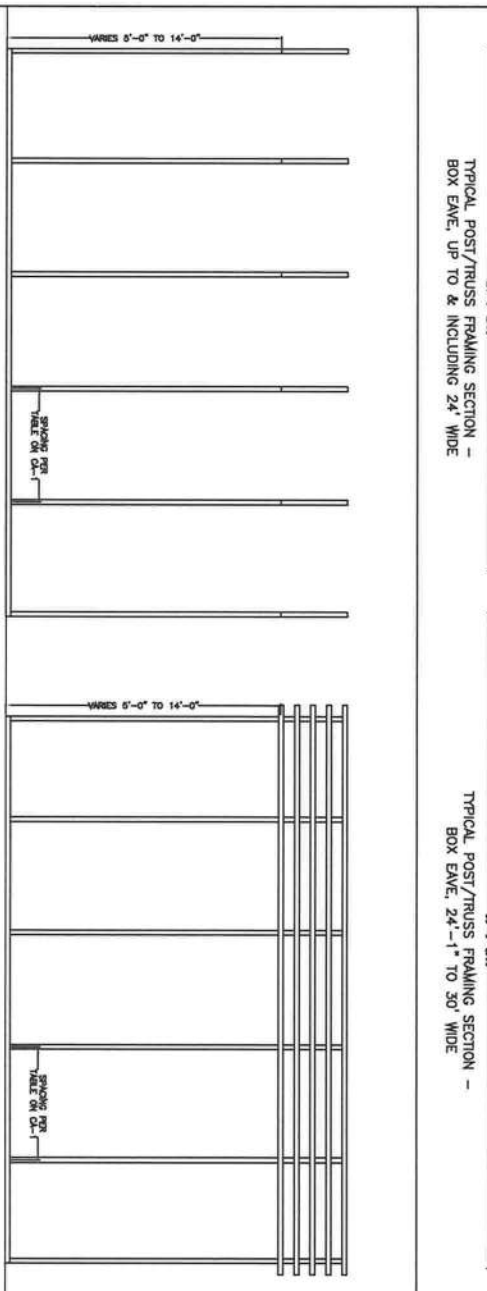
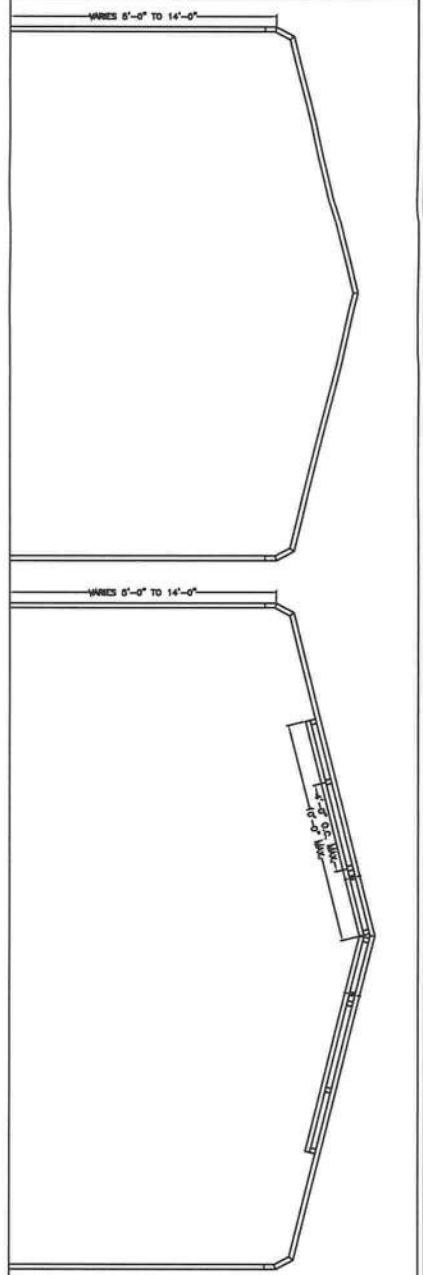
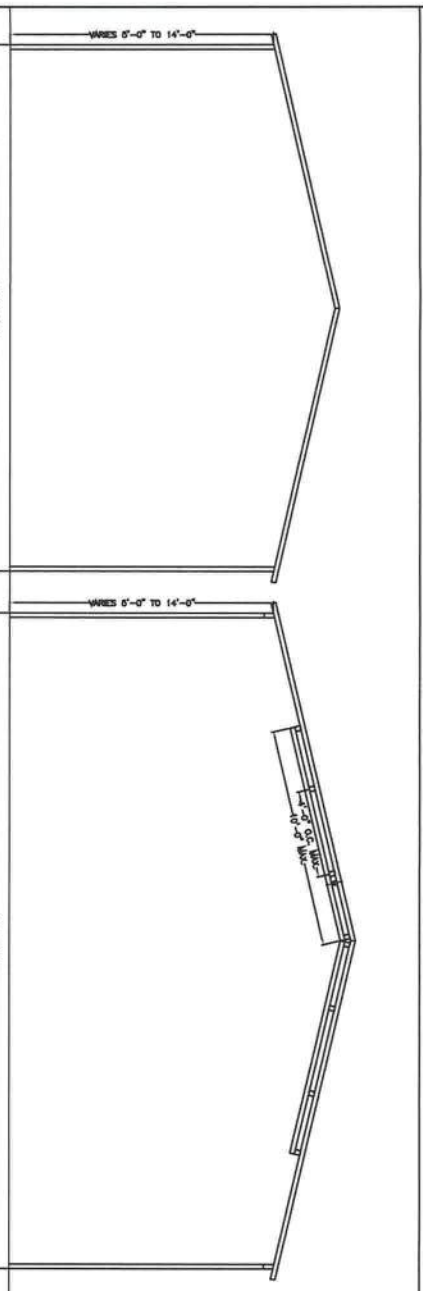
12/21/20

MTB

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

Sheet: CA-3 OF 3

TITLE: LAYOUT VIEWS



Customer: Darrell Perry

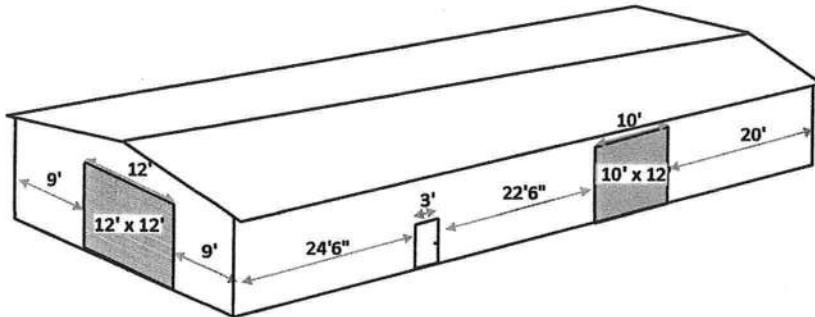
Date 2/18/2021

ADDENDUM 1
Confirmation of building specifications and other information



Building Design Specifications

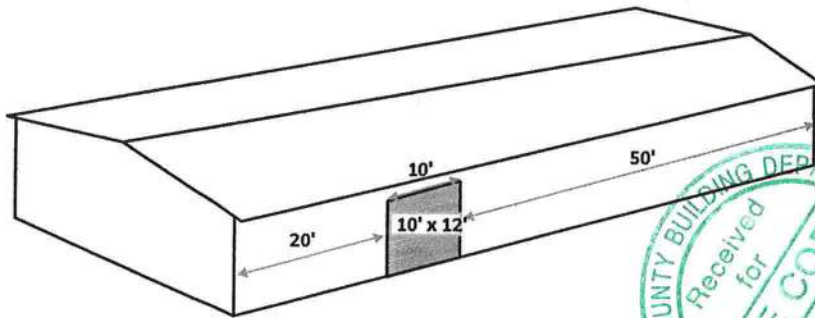
Door and Window Locations



FRONT

RIGHT SIDE

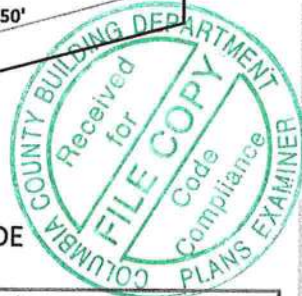
Note: Walk door and window locations are approximate and may change slightly when installed in the field. If a walk door or window installed on the eave side of the building does not fall between legs, a \$150 header fee will be charged. If a walk door (or similarly sized) frame-out does not fall between legs, an \$85 header fee will be charged. If a window (or similarly sized) frame-out does not fall between legs, a \$70 header fee will be charged.



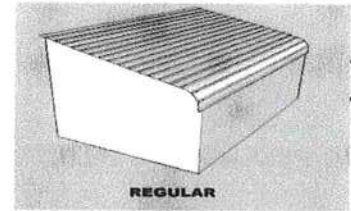
BACK

LEFT SIDE

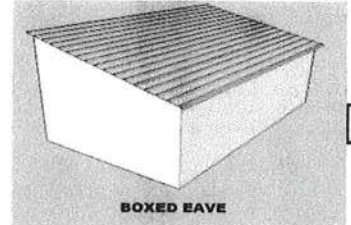
Buyer understands that the locations of roll up doors, or framed openings, installed on the eave side of the building as shown are approximate. The engineer may have to adjust these locations by no more than a few inches to avoid having to add additional bows/trusses at Buyer's expense.



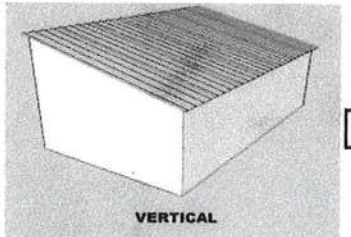
Roof Type



REGULAR

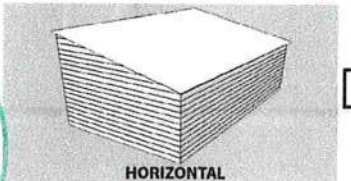


BOXED EAVE

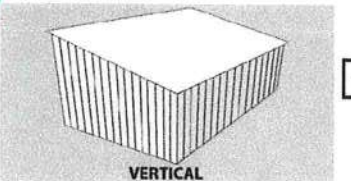


VERTICAL

Side and End Sheeting Type



HORIZONTAL



VERTICAL

Building Color Selections:

Walls	TBD
Roof	TBD
Trim	TBD

Note: Obtaining a drainage plan, site survey, site development plan, floor plan and termite treatment are Buyer's responsibility.

*Note: Generic Specific drawings take approximately 2 weeks to complete. Any revisions made to the building after one week of the date on this document that impacts the drawings (i.e. any changes to building dimensions, any changes to door/window/frame out locations) WILL result in an additional charge for new plans and will add an additional 2 weeks to the timeline to complete them.

Signed Darrell Perry

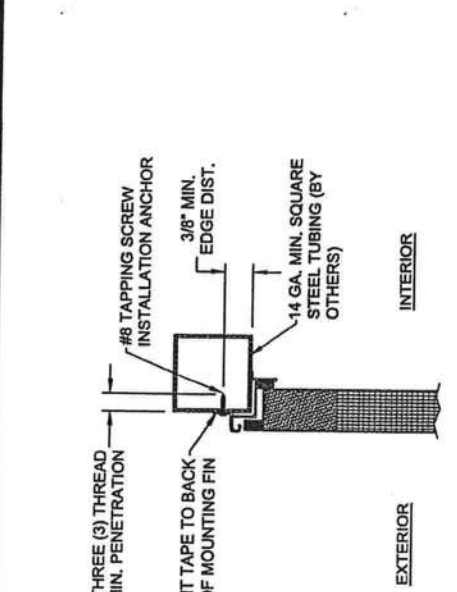
Date _____

PROJECT NUMBER 419-0903		TITLE ELIXIR DOOR & METALS CO.	
1215 POPE DRIVE DOUGLAS, GEORGIA 31533		MODEL 407 NON-IMPACT OUTSWING VINYL LAMINATED STEEL DOOR VERTICAL CROSS SECTIONS	
DATE: 02/29/12	DRAWN BY: JH	SCALE: N.T.S.	REV: P1C PROJECT DESIGN GROUP, LLC PO BOX 82775 MIAMI BEACH, FL 33187
DRAWING NO: ELIX0052	SHEET: B	UPDATE TO CURRENT EDITION FBC 1/25/21 RJA	

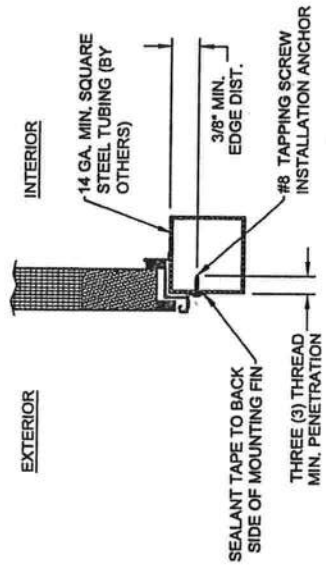
Robert J. Amoroso, P.E.
FL P.E. No. 48752



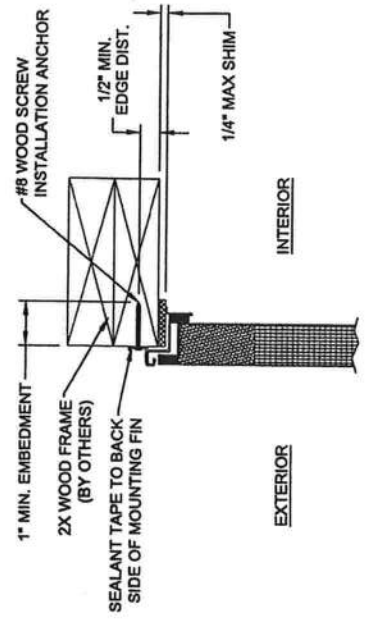
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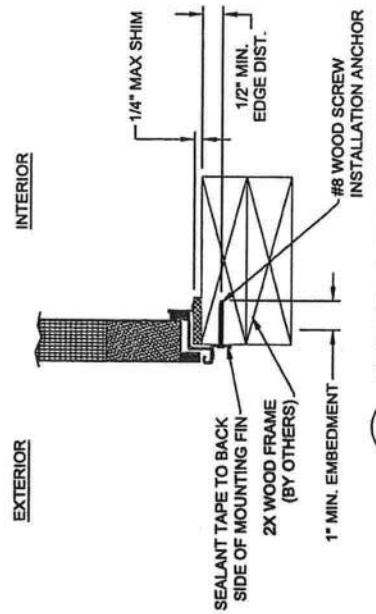
D VERTICAL SECTION
STEEL TUBING SUBSTRATE



C VERTICAL SECTION
STEEL TUBING SUBSTRATE



B VERTICAL SECTION
WOOD FRAME SUBSTRATE



A VERTICAL SECTION
WOOD FRAME SUBSTRATE

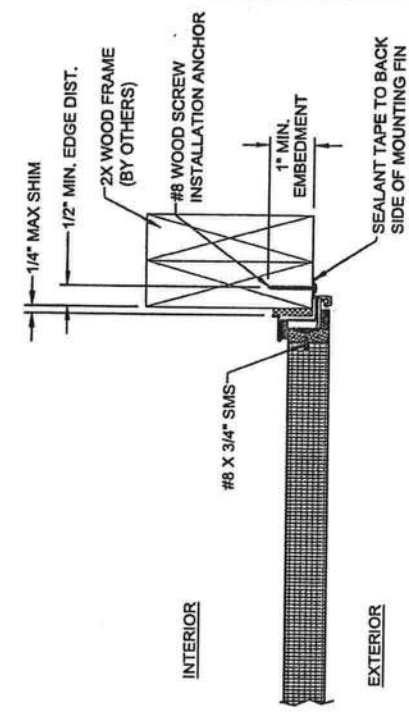
PROJECT NUMBER 419-0903		ELIXIR DOOR & METALS CO.	
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DATE: 02/29/12	DRAWN BY: TJH	SCALE: N.T.S.	REV: N.T.S.
DRAWING NO: ELIX0052	SHEET: 2	REV: N.T.S.	
B UPDATE TO CURRENT EDITION FBC 1/25/21 RA		REV: N.T.S.	

PREPARED BY: PDC
 PDC PRODUCT DESIGN GROUP, LLC
 100 BOX 60773
 LAKELAND, FLORIDA 33809
 PHONE 352.690.1788

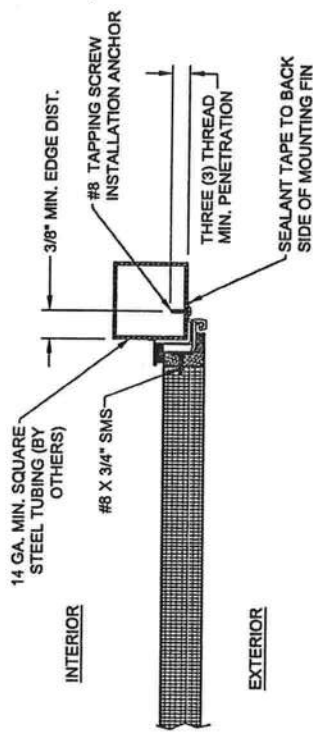
Robert J. Amoruso, P.E.
 FL P.E. No. 48752



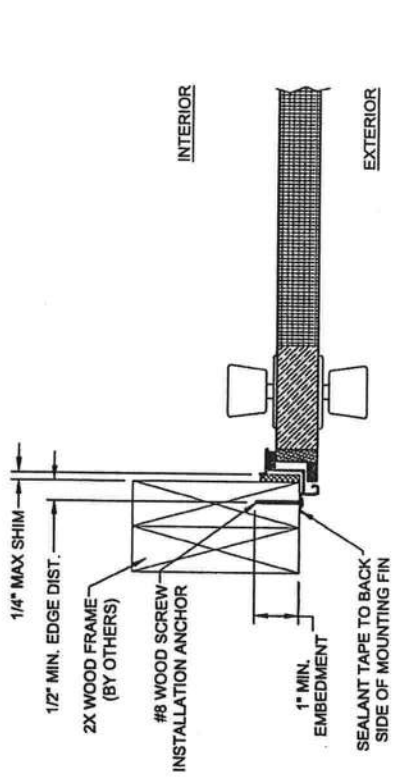
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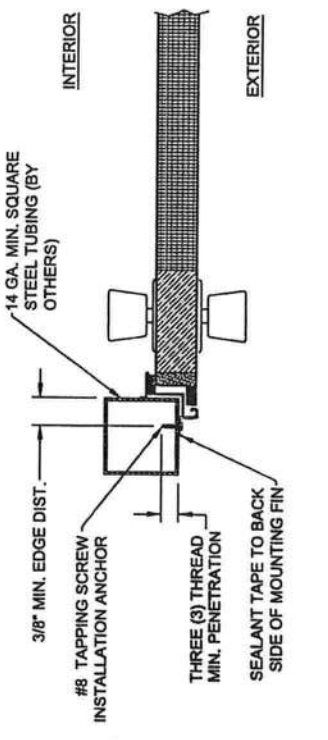
F HORIZONTAL SECTION
 WOOD FRAME SUBSTRATE



H HORIZONTAL SECTION
 STEEL TUBING SUBSTRATE



E HORIZONTAL SECTION
 WOOD FRAME SUBSTRATE



G HORIZONTAL SECTION
 STEEL TUBING SUBSTRATE