

FBC APPROVED PRODUCT LIST

CATEGORY	SUBCATEGORY	MANUFACTURER & PRODUCT	APPROVAL NUMBER	MAX ALLOWABLE WINDSPEED (MPH)
STRUCTURAL COMPONENT	ROOF DECK	CARPORIS ANYWHERE, HAMPTON RIB ROOF PANEL	27402.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORIS ANYWHERE, HAMPTON RIB WALL PANEL	27403.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORIS ANYWHERE, RES-LAP SIDING WALL PANEL	27403.2	180
PANEL WALLS	WALL LOUVERS (FLOOD VENT)	FLOOD SOLUTIONS, LLC., FS & FS HEX	17358.1	N/A
EXTERIOR DOOR	SWINGING	ELKEX DOOR & METAL CO., SERIES 407 VINYL STEEL, OUT-SWINGING REGULAR DOOR - BLANK (NO WINDOW)	21986.5	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 3100: +21.8/-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: +35/-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	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 750: MAX 10'x12' +19.4/-22.7	21450.11	140
WINDOW	SINGLE FILING	MI WINDOWS AND DOORS, 185 SH	17499.1	180
WINDOW	SINGLE FILING	POCOHONTAS ALUMINUM COMPANY, INC., MODEL 100VS	12940	150

POST/TRUSS MAXIMUM SPACINGS

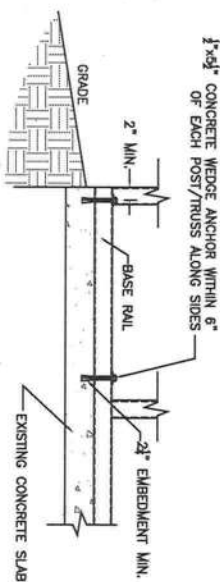
ULTIMATE WINDSPEED (MPH)	STRUCTURE WIDTH (FT)	MAXIMUM POST/TRUSS SPACING (FT)
120-150	6-24	5.0
120-150	>24-30	4.0
>150	ALL	4.0

NOTES:
1. NOT APPLICABLE FOR STRUCTURES WITH A MEAN ROOF HEIGHT OVER 20 FEET AND/OR WITH AN OPEN AREA OF CONCRETE EXCEEDING 10% OF THE TOTAL AREA.
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.

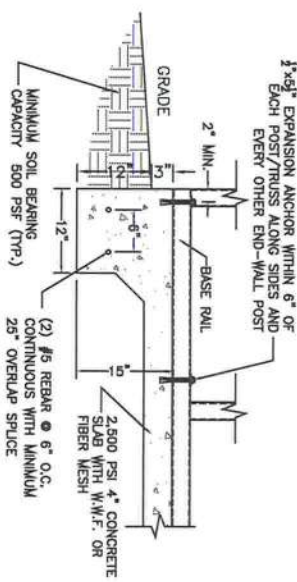
GROUND ANCHOR LENGTH

(ALL BUILDING WIDTHS ≤ 30')	WIND SPEED (MPH)			
SOIL TYPE	≤ 140	145-155	160-170	175-180
VERY DENSE AND/OR CEMENTED SAND, COARSE GRAVEL, 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"

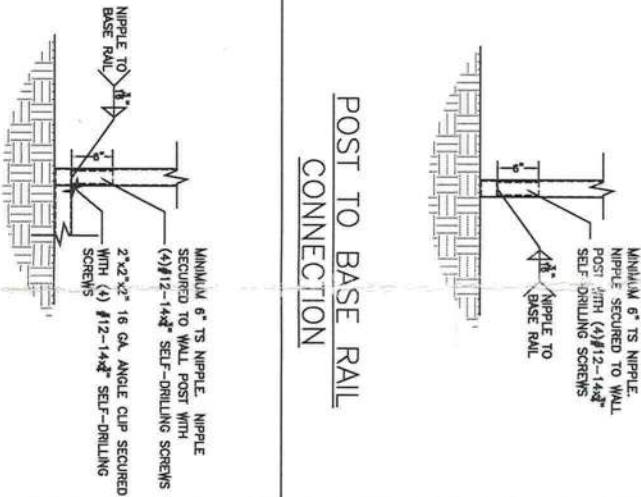
CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



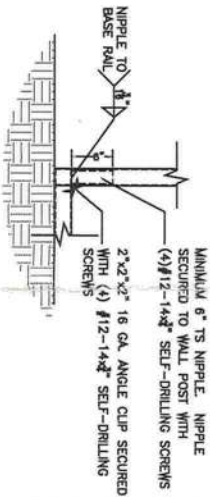
CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



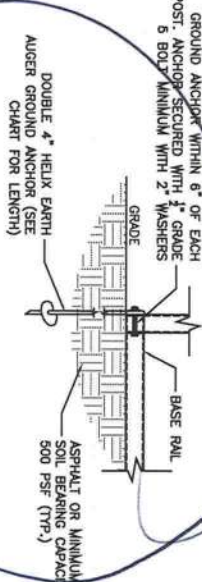
POST TO BASE RAIL CONNECTION



END POST TO BASE RAIL CONNECTION



GROUND ANCHOR BASE RAIL DETAIL



CODE INFORMATION

CODE VERSION	FBC 2020 7th Edition, ASCE-7-16
MANUFACTURER	CARPORIS 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	Vw 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	NO

REVISIONS

REV	DESCRIPTION	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 60 KSI STEEL.
3. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
4. FRAMING CONNECTIONS SECURED WITH 112-14x3/4\"/>

2/1/23

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Sheet: CA-1 OF 3

TITLE: PRODUCTS, ANCHORING, SPACING & CONCRETE DETAILS

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	Vac 120-160mph
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 _r RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	

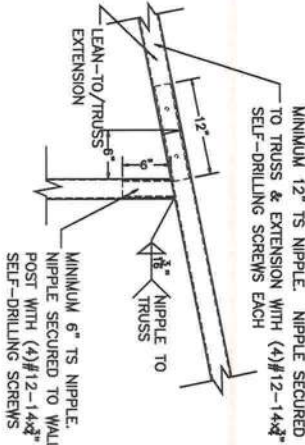
REVISIONS

REV	DESCRIPTION	DATE	BY
1	HEADER SPLICE, FILL COMPACTION	8/16/23	MTB
2	PRODUCT #,S, NOTES	1/30/23	MTB

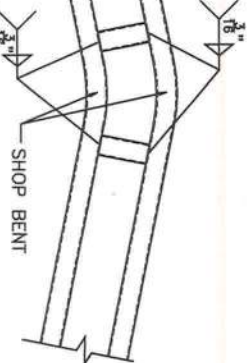
Drawn By:	MTB
Date:	5/27/20
Location:	FLORIDA

ENCLOSED GENERIC ENGINEERING

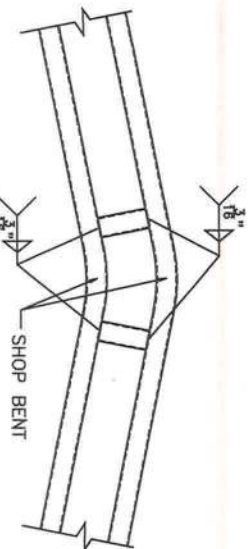
GENERAL NOTES
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2. ALL STEEL TUBING SHALL BE 50 KSI STEEL.
3. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
4. FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4" SELF-DRILLING 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"x6.5", 2,500LB TENSILE STRENGTH.
7. 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. 12GA. FRAMING IS 2.25"x2.25" TUBE STEEL. NIPPLES ARE 2.0"x2.0" TUBE STEEL.



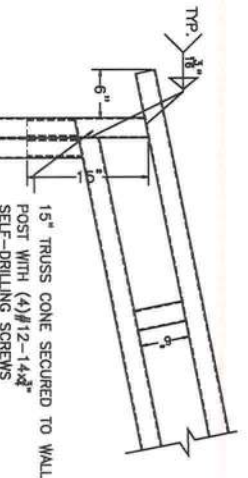
MINIMUM 12" TS NIPPLE. NIPPLE SECURED TO TRUSS & EXTENSION WITH (4) #12-14x3/4" SELF-DRILLING SCREWS EACH



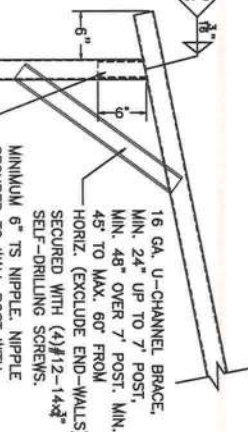
SHOP BENT



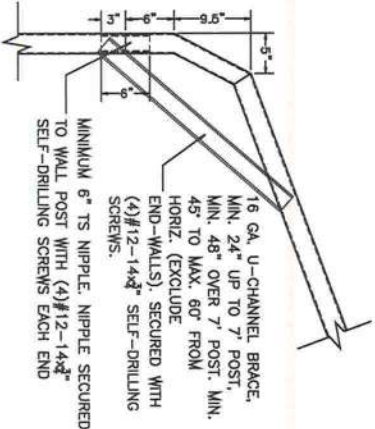
TRUSSED RAFTER CONNECTION DETAIL



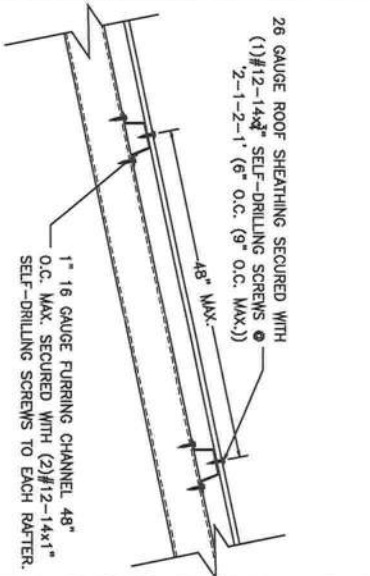
40' BOX EAVE RAFTER TO POST CONNECTION DETAIL



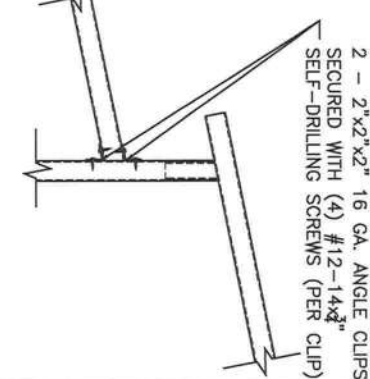
BOX EAVE RAFTER TO POST CONNECTION DETAIL



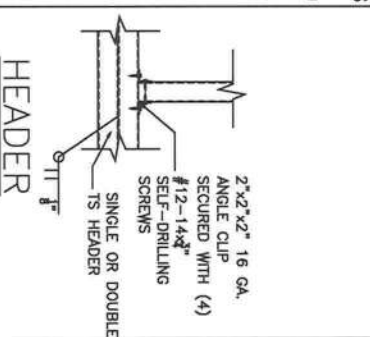
BOW RAFTER TO POST CONNECTION DETAIL



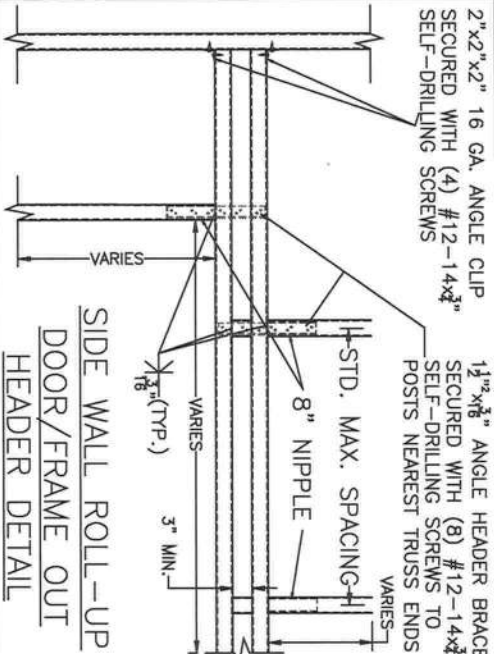
ROOF PANEL CONNECTION VERTICAL SHEATHING OPTION



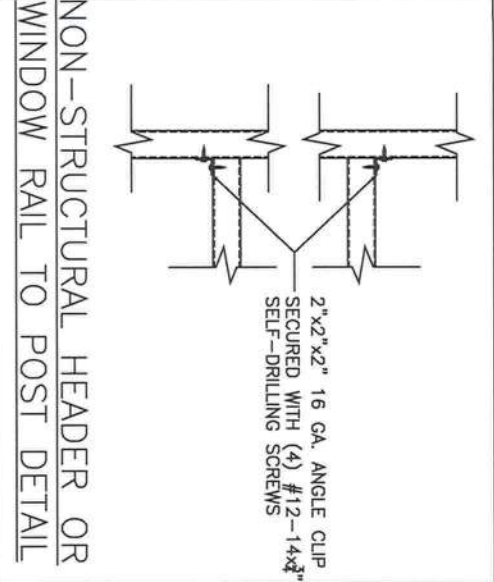
LEAN-TO TO TRUSS CONNECTION



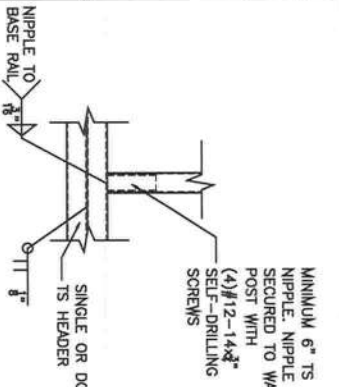
HEADER CONNECTION DETAIL OPTION 1



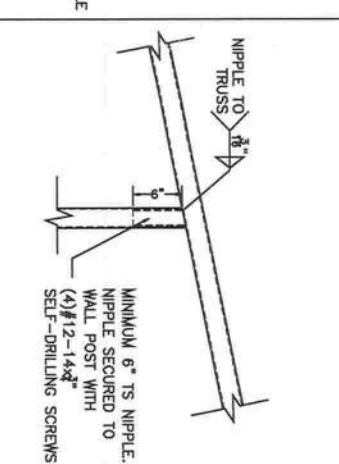
SIDE WALL ROLL-UP DOOR/FRAME OUT HEADER DETAIL



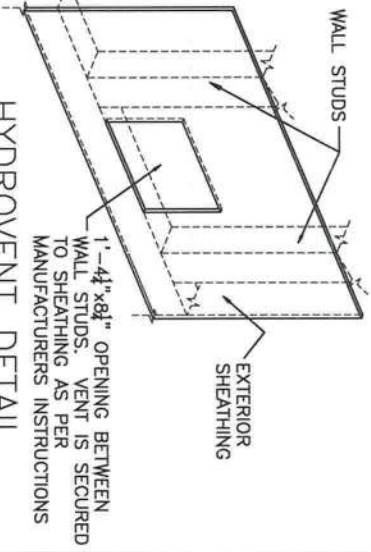
NON-STRUCTURAL HEADER OR WINDOW RAIL TO POST DETAIL



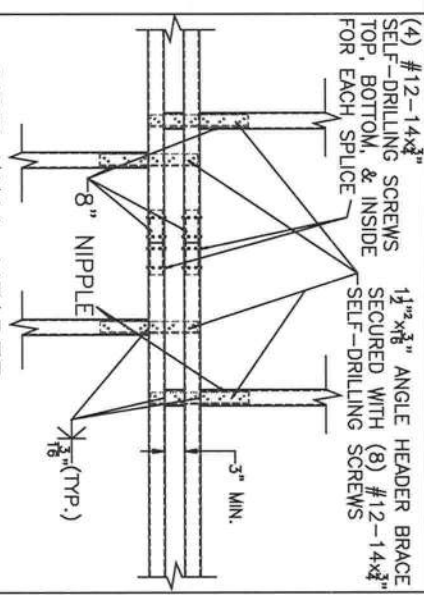
HEADER CONNECTION DETAIL OPTION 2



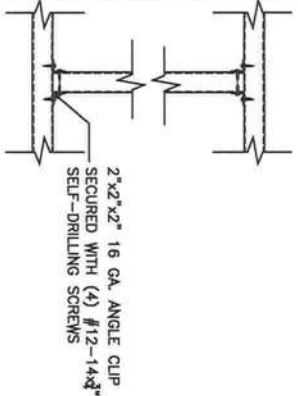
POST TO TRUSS CONNECTION



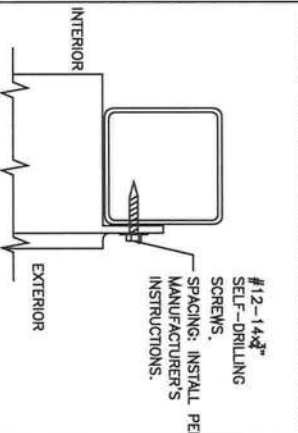
HYDROVENT DETAIL (OPTIONAL)



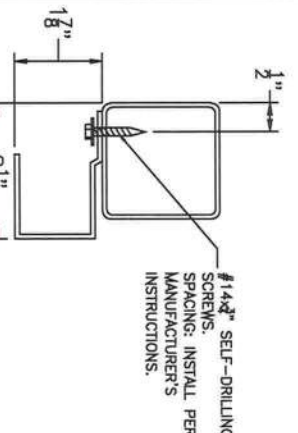
SIDE WALL HEADER SPLICE DETAIL



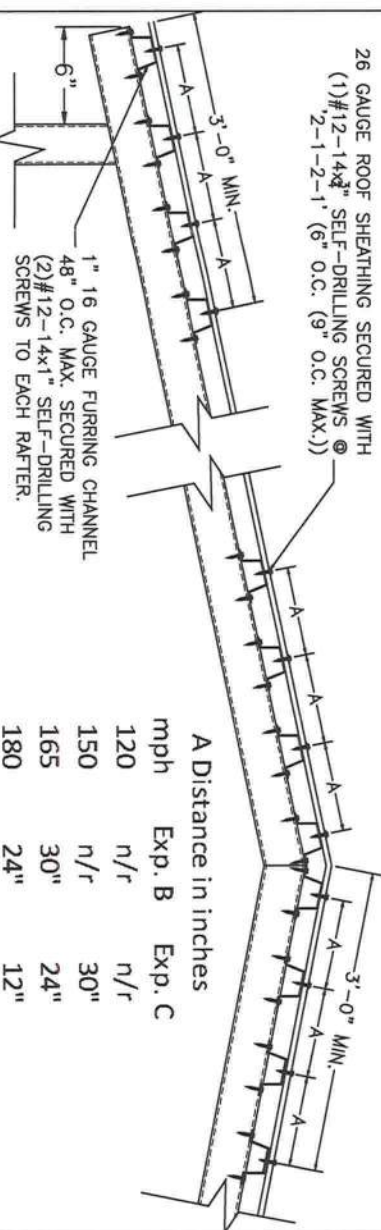
INTERMEDIATE POST TO HEADER/BASE RAIL/OR WINDOW RAIL DETAIL



DOOR FRAME TO POST CONNECTION



ROLL-UP DOOR TO POST CONNECTION



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

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



CODE INFORMATION

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MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	I
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	V _W : 120-160mph
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	

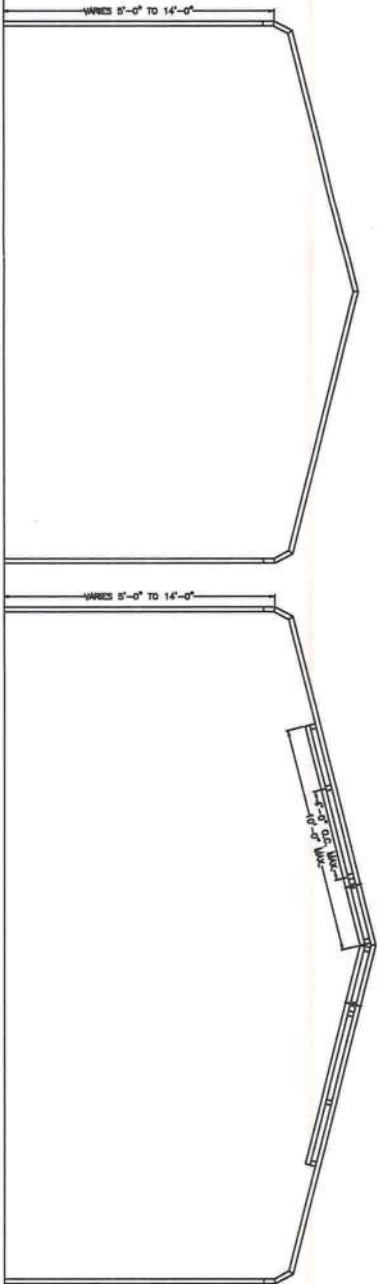
REVISIONS

REV	DESCRIPTION	DATE	BY
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2	PRODUCT #'s, NOTES	1/30/23	MTB

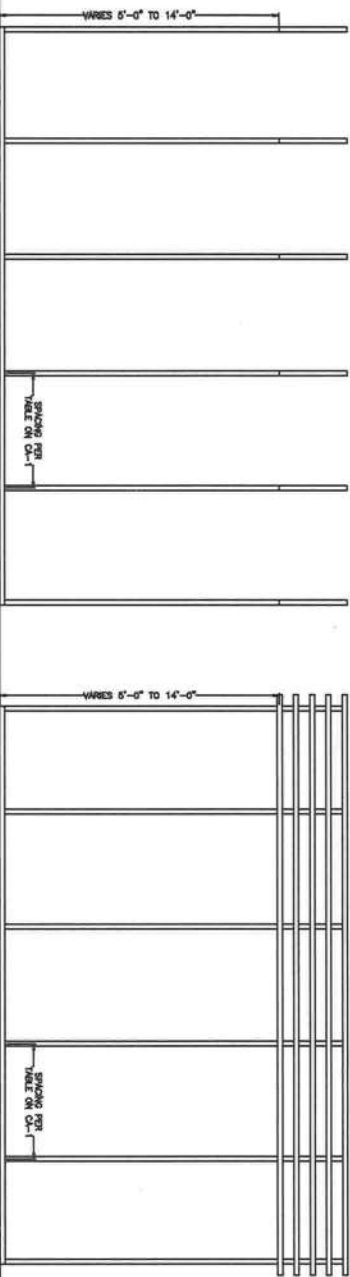
Drawn By: MTB
Date: 5/27/20
Location: FLORIDA

ENCLOSED GENERIC ENGINEERING

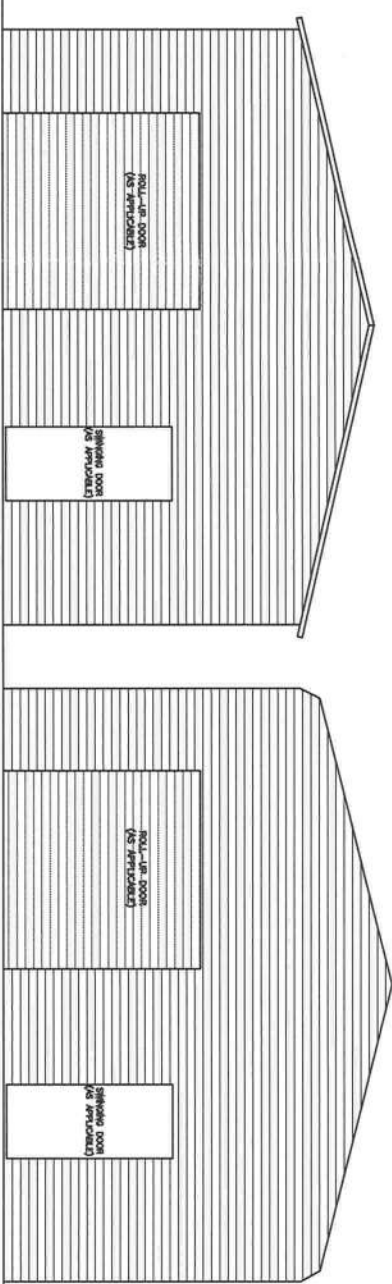
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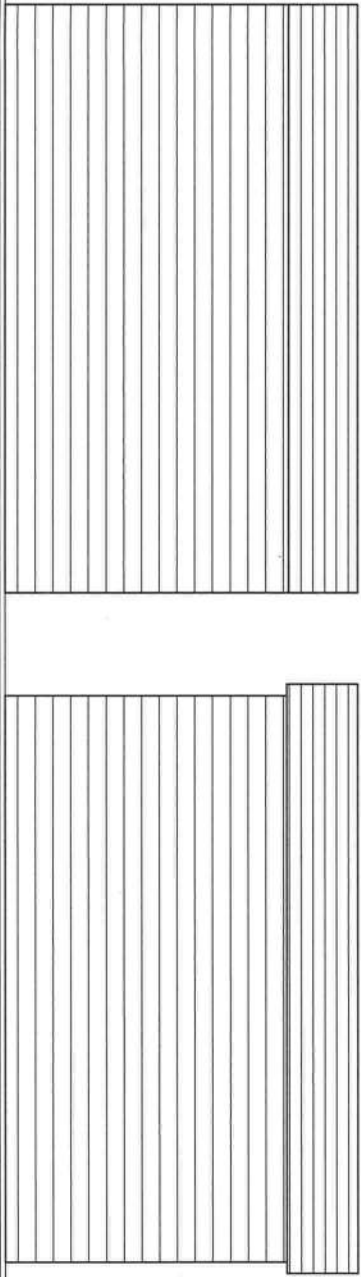
TYPICAL POST/TRUSS FRAMING SECTION -
BOX EAVE, UP TO & INCLUDING 24' WIDE



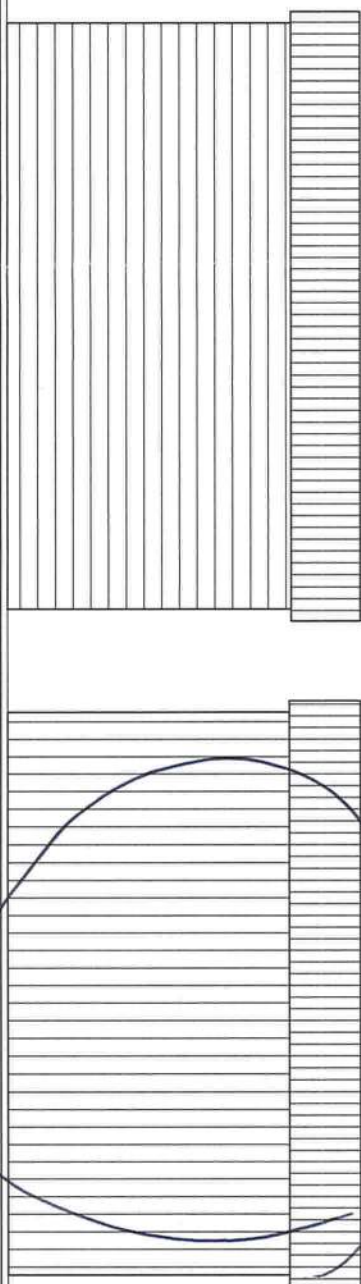
TYPICAL SIDE WALL FRAMING -
BOX EAVE/BOW FRAME, HORIZONTAL ROOF



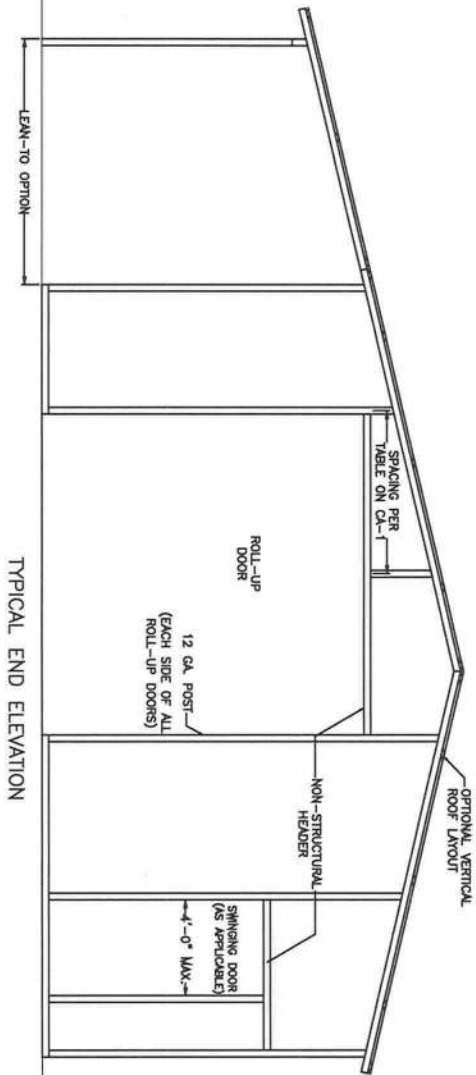
TYPICAL SIDE WALL FRAMING -
BOX EAVE, VERTICAL ROOF



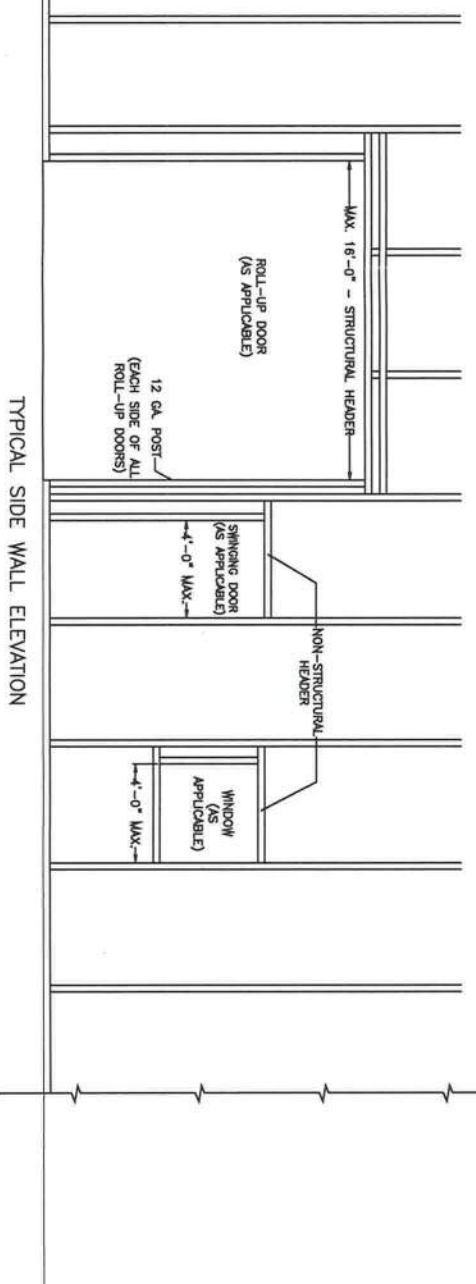
TYPICAL SIDE WALL ELEVATION -
BOX EAVE, HORIZONTAL WALLS & ROOF



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



TYPICAL END ELEVATION



TYPICAL SIDE WALL ELEVATION

LAYOUT VIEWS

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Sheet: CA-3 OF 3