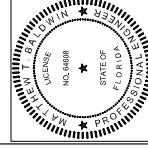


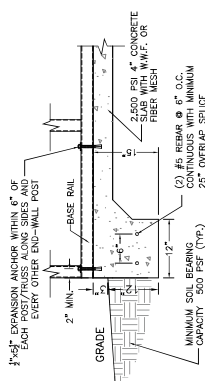
CODE INFORMATION	
CODE VERSION	FIRE 2023 Edn Edition, AISC-7-22
MANUFACTURER	CANPOPS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	I-II
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Var. 120-180mph

Digitally signed by Matthew Baldwin
Date: 



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

Sheet: CA-1 OF 3

[illegible]

CATEGORY	SUBCATEGORY	MANUFACTURER & PRODUCT	APPROVAL NUMBER	MAX ALLOWABLE WINDSPEED (MPH)
STRUCTURAL COMPONENT	ROOF DECK	CARPENTERS ANTIMETAL W/ROOF RB	21462.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPENTERS ANTIMETAL RESH-UP SONGS WALL PANEL	21463.2	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPENTERS ANTIMETAL RESH-UP SONGS WALL PANEL	21463.3	180
PANEL WALLS	WALL LOWER (10-000 RVD)	FLOOD SOLUTIONS, LLC, F5 3X 6X	17984.1	N/A
EXTERIOR DOOR	SWINGING	ELVER DOOR & METAL CO. SERIES 407 W/VA STEEL OPT-SWINGING REGULAR DOOR - BLANK (NO WINDOW)	17994.5	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 3100Z 4253/-45	21460.3	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 3632 346/-40	21460.6	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 7505 MAX 3112' 435/-45	21460.8	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 7505 MAX 6.512' +189/-24.4	21460.9	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 7505 MAX 8.512' +24.4/-27	21460.10	180
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC, SERIES 7505 MAX 10.512' +18.4/-22.7	21460.11	160
EXTERIOR DOOR	SINGLE HANG	CG WINDOWS AND DOORS MODEL SH-4100A	2358.2	180
EXTERIOR DOOR	SINGLE HANG	POCOHONTAS ALUMINUM COMPANY, MODEL 100V5	12940	150

(ALL BUILDING WIDTHS $\leq 30'$)	SOIL TYPE	WIND SPEED (MPH)			
		≤ 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 SANDS, SANDY GRAVEL, VERY DRY SILTS AND CLAY		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"

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. THIS TABLE IS BASED ON THE APPROVED PRACTICES CHART AND THE PRACTICES CHART.
 3. 5' O.C. REQUIRES VERTICAL ROOF.

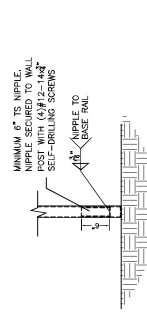


Diagram illustrating a self-drilling screw connection between a base rail and an end post. The base rail is shown on the left, and the end post is on the right. A self-drilling screw is shown passing through the base rail into the end post. The screw is labeled with dimensions: 2"x2"x2", 16 GA. ANGLE CLIP, SECURED TO WALL POST WITH (4) #12-14"x2" SELF-DRILLING SCREWS. The base rail is labeled with dimensions: 2"x2"x2", 16 GA. ANGLE CLIP, SECURED TO WALL POST WITH (4) #12-14"x2" SELF-DRILLING SCREWS. The end post is labeled with dimensions: 2"x2"x2", 16 GA. ANGLE CLIP, SECURED TO WALL POST WITH (4) #12-14"x2" SELF-DRILLING SCREWS. The connection is labeled: END POST TO BASE RAIL CONNECTION.

END POST TO BASE RAIL CONNECTION

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MATTHEW BALDWIN, PE, ON 1/26/2024. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

SUB-GRADE SOILS:
-TO BE TERMITE TREATED PER SECTION 1816

SUB-GRADE SOILS:
-TO BE TERMITE TREATED PER SECTION 1816
-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

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 $\frac{1}{2}$ " ELSEWHERE. REBAR EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1" FOR FINE GROUT, AND 1" 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 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. COMPONENT

AND CLADDING, AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PILING 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 1) 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, SPECIFICALLY ADDRESSED HEREIN, INCLUDING DOORS, WINDOWS, OR OTHER COMPONENTS NOT LISTED IN THE

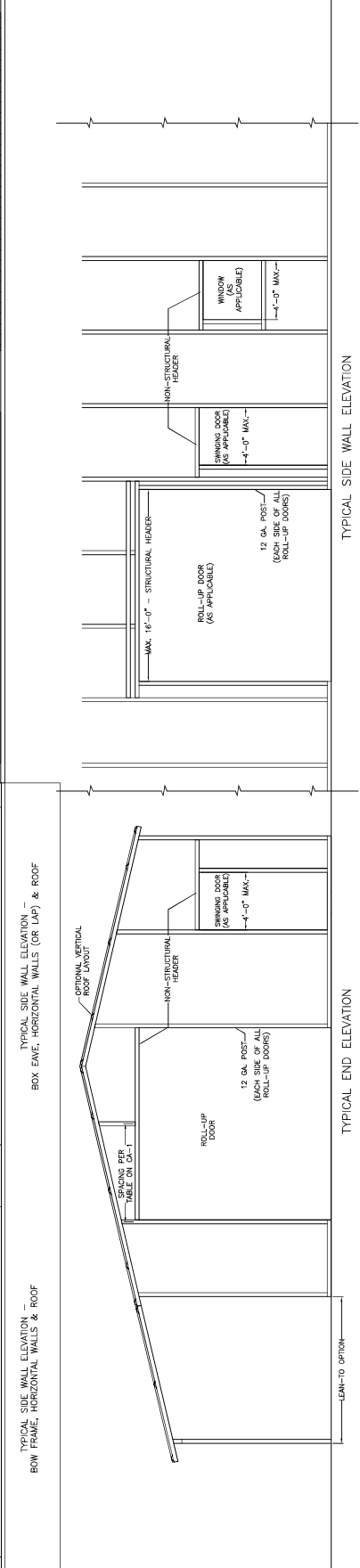
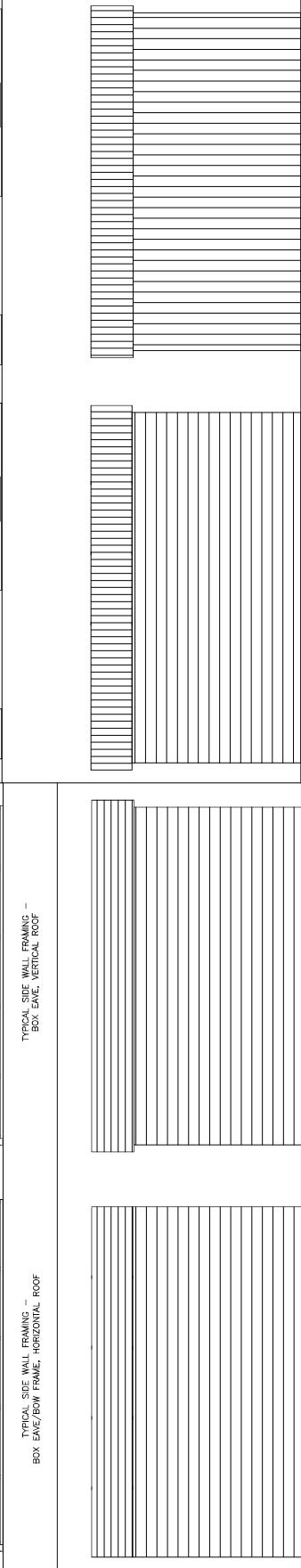
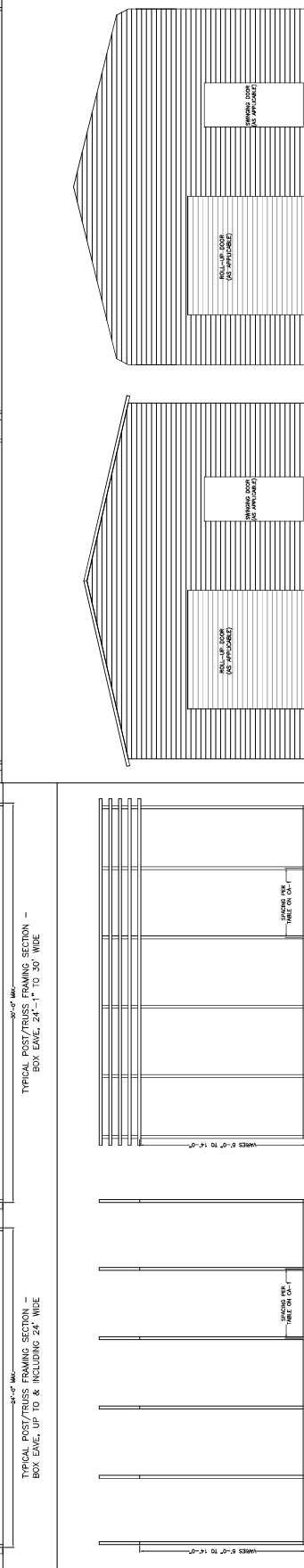
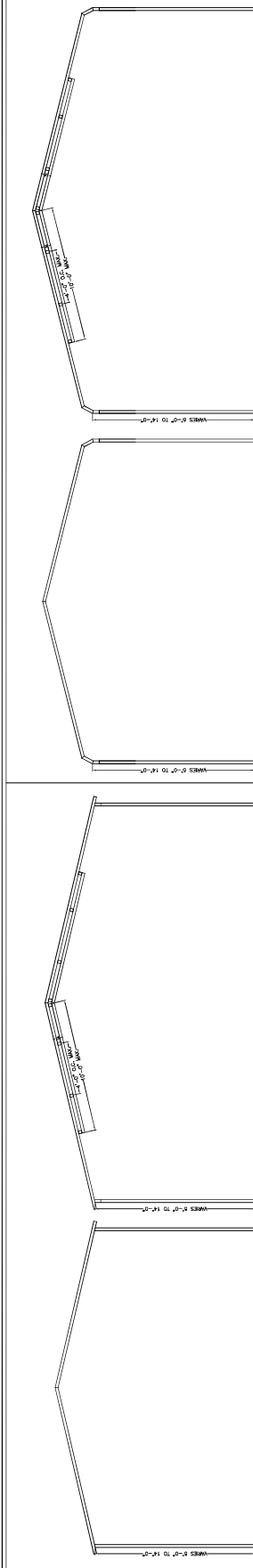
INC., WHICH EXERT ADDITIONAL LOADS ON THE STRUCTURE SHALL BE AT THE OWNER'S RISK. CARPORTS ANYWHERE NOR THE ENGINEERING DESIGN SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FAILURE

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

AND/OR CONCRETE USED CONSTRUCTION: SEE GROUND ANCHOR SCHEDULE (THIS SHEET) FOR SCHEDING THE GROUND ANCHOR REQUIREMENTS.

ANY FILL DIRT NEEDED FOR THE FOUNDATION IS TO BE COMPACTED TO 95%.



CODE INFORMATION			
CODE VERSION	FBC 2023 8th Edition, AISC-7-22		
MANUFACTURER	CARPORT 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	Max. 120+ mph		
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		
"P" 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	8/16/22	MTB
2	PRODUCT #s, NOTES	1/20/23	MTB
3	FOOTER HEIGHT	2/23/23	MTB
4	2023 FBC	12/19/23	MTB

Drawn By:	MTB
Date:	5/27/20
Location:	FLORIDA
ENCLOSED GENERIC ENGINEERING	
GENERAL NOTES	
1. THIS BUILDING IS EXEMPT FROM THE FBC ENERGY EFFICIENCY REQUIREMENTS OF SECTION 6.0.	
2. ALL STEEL TUBING SHALL BE 50 KSI STEEL.	
3. PLUMBING, ELECTRICAL, INGRESS/EGRESS, AND VENTILATION SHALL BE THE RESPONSIBILITY OF THE OWNER.	
4. OWNER FRAMING CONNECTIONS SECURED WITH 1/2" - 1 1/2" SELF-DRILLING SCREWS.	
5. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED TO THE STRUCTURAL STEEL.	
6. CONCRETE EXPANSION ANCHORS ARE TO BE INSTALLED IN THE FOUNDATION.	
7. 140A FRAMING IS 2.5"x2.5" TUBE STEEL NIPPLES ARE 2.0"x2.0" TUBE STEEL.	

LAYOUT VIEWS	
TITLE:	
Matthew T. Baldwin P.E. Florida License #64608	
Sheet: CA-3 OF 3	