

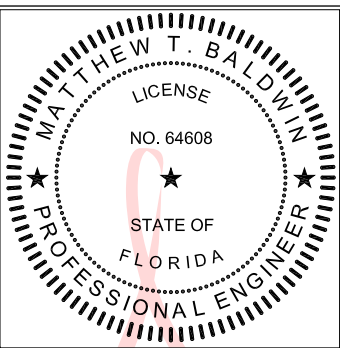
CODE INFORMATION

CODE VERSION	FBC 2020 7th Edition, ASCE-7-16
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	RESIDENCE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	II
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	R-3
EXPOSURE	Vult-140mph
ENCLOSURE	B
ENCLOSURE	ENCLOSED/OPEN
INTERNAL PRESSURE COEFF.	+/- 0.18/0.0
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300lb P.L.
FLOOR DEAD LOAD	10PSF
FLOOR LIVE LOAD	50PSF
"R"RATING OF WALLS,FLOOR,ROOF	N/A BY OTHERS
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	3,344 SQ. FT.

REVISIONS

REV	DESCRIPTION	DATE	BY

DRAWN BY:	MTB
DATE:	5/8/23
LOCATION:	4417 NW American Ln, Lake City
SIZE:	80'L X 52'W X 10'H



Digitally signed  
by Matthew  
Baldwin  
Date: 2023.05.08  
20:44:17 -04'00'

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

Sheet: CA-1 OF 4

80'-0"

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
- BOTTOM OF CONCRETE FOOTING SHALL BE MINIMUM OF 12" BELOW UNDISTURBED OR ENGINEERED GRADE

CONCRETE:

- MINIMUM 2,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS
- CONTROL JOINT SPACING AT 24-36 TIMES THE SLAB THICKNESS OR 15' MAXIMUM
- 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.

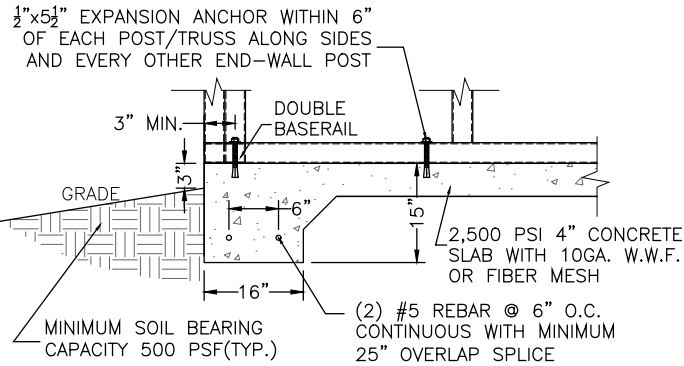
- COVER:

- 3" COVER MINIMUM WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH SOIL OR WEATHER, AND 1 1/2" ELSEWHERE. REBAR EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4" FOR FINE GROUT, AND 1/2" 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.

1. 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.
2. THIS STRUCTURE IS DESIGNED AS A NON-HABITABLE UTILITY/STORAGE BUILDING (RISK CATEGORY II) 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, 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.
3. THIS BUILDING IS NOT EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2.
4. ALL STEEL TUBING SHALL BE 50 KSI STEEL AND MEETS/EXCEEDS GALVANIZATION PER ASTM A1003/A1003M-15.
5. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
6. FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4" SELF-DRILLING SCREWS.
7. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED. NO WELDING ONSITE. ALL WELDING DONE IN SHOP BY A CERTIFIED WELDER.
8. CONCRETE EXPANSIONS ANCHORS ARE TO BE MINIMUM 1/2" DIAMETER & 2,500LB TENSILE STRENGTH.
9. 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL.
10. FOR ALL SIDE-WALL FRAME OUTS, THE HEADER BRACE ANGLES ARE USED INSTEAD OF THE STANDARD U-CHANNEL BRACES.
11. ANY FILL DIRT NEEDED FOR THE FOUNDATION IS TO BE COMPACTED TO 95%.



CONCRETE FOUNDATION/DOUBLE  
BASE RAIL ANCHOR DETAIL

MIN. 2,500 PSI 4" CONCRETE SLAB WITH 10GA. W.W.F. (OR  
FIBER MESH) AND 16"x15" REINFORCED FOOTER PERIMETER

FRAME  
OUT

FRAME  
OUT

16"x15" REINFORCED FOOTER

FRAME  
OUT

FRAME  
OUT

16'-5"

2'-6"

15'-3"

6'-0"

15'-10"

3'-0"

6'-0"

3'-0"

5'-1"

2'-6"

4'-5"

56'-0"

12'-0"

12'-0" OPEN

FRONT

52'-0"

INSULATION, SMOKE DETECTORS, FIRE-WALL(S) & ALL OTHER RESIDENTIAL REQUIREMENTS TO  
MAKE IT FULLY-HABITABLE, BY OTHERS. THESE PLANS ARE FOR THE BUILDING SHELL ONLY.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MATTHEW BALDWIN, PE, ON 5/8/2023.  
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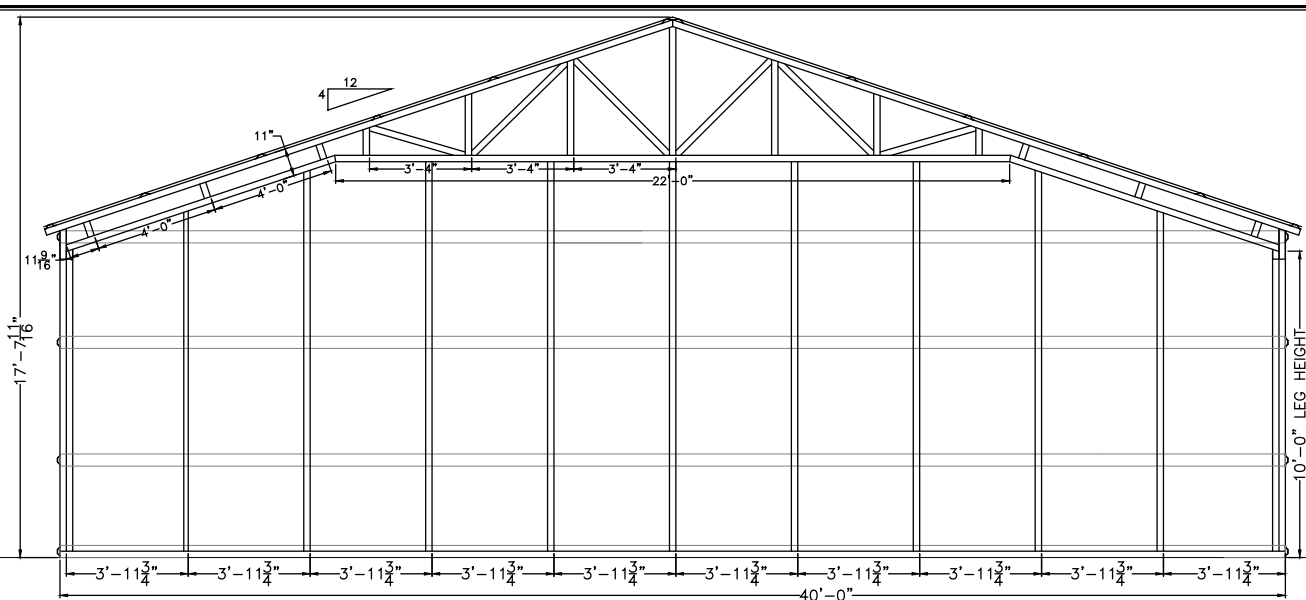
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CONSTRUCTION TYPE	II-B
RISK CATEGORY	II
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FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	R-3
WIND SPEED	Vult-140mph
EXPOSURE	B
ENCLOSURE	ENCLOSED/OPEN
INTERNAL PRESSURE COEFF.	+/- 0.18/0.0
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300lb P.L.
FLOOR DEAD LOAD	10PSF
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"R"RATING OF WALLS,FLOOR,ROOF	N/A BY OTHERS
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	3,344 SQ. FT.

DRAWN BY:	MTB
DATE:	5/8/23

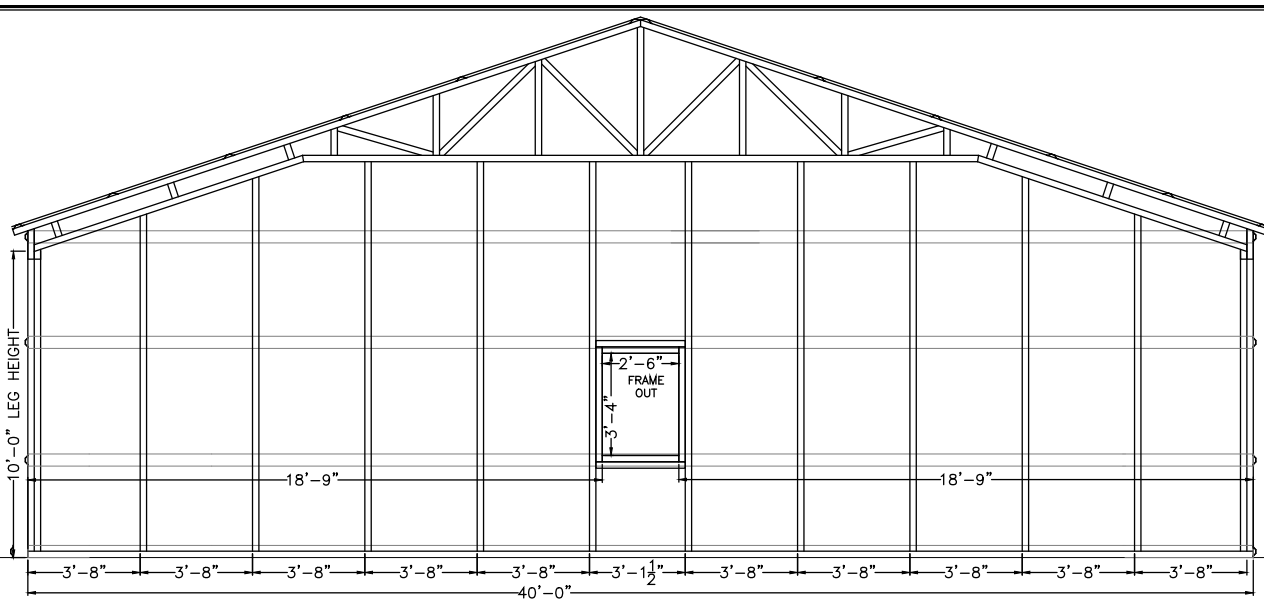
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SIZE:	80'L X 52'W X 10'H

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Florida License #64608

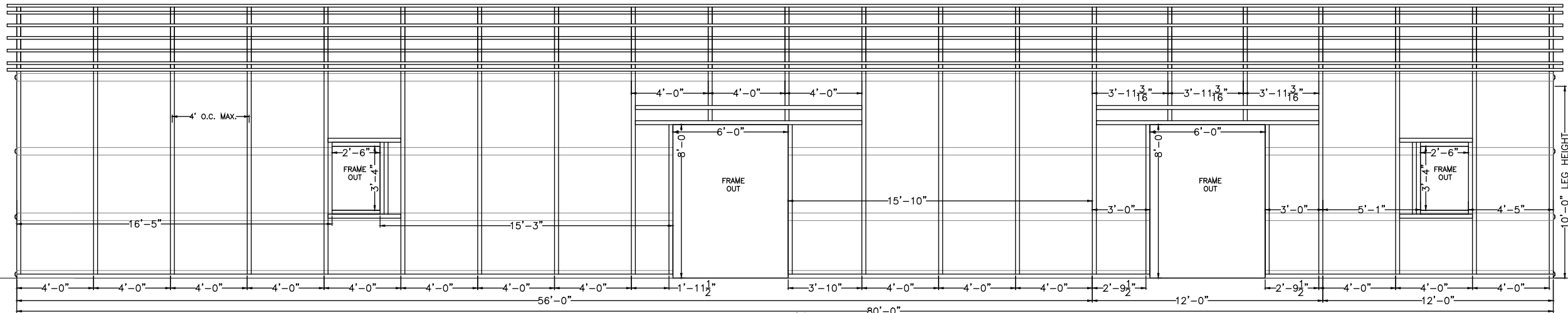
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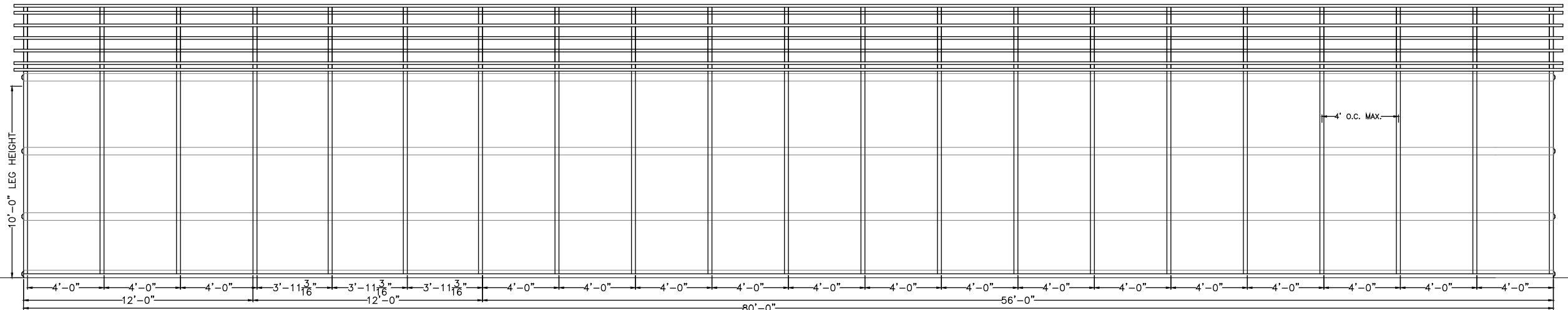
FRONT END WALL



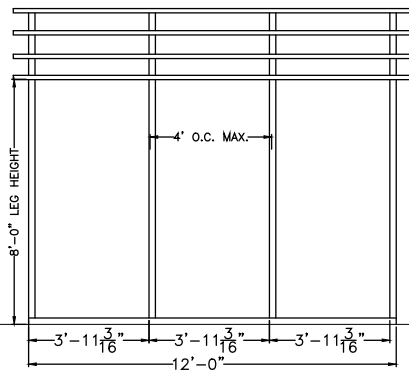
REAR END WALL



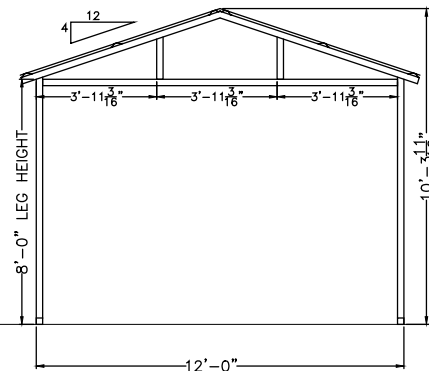
LEFT SIDE WALL



RIGHT SIDE WALL 9

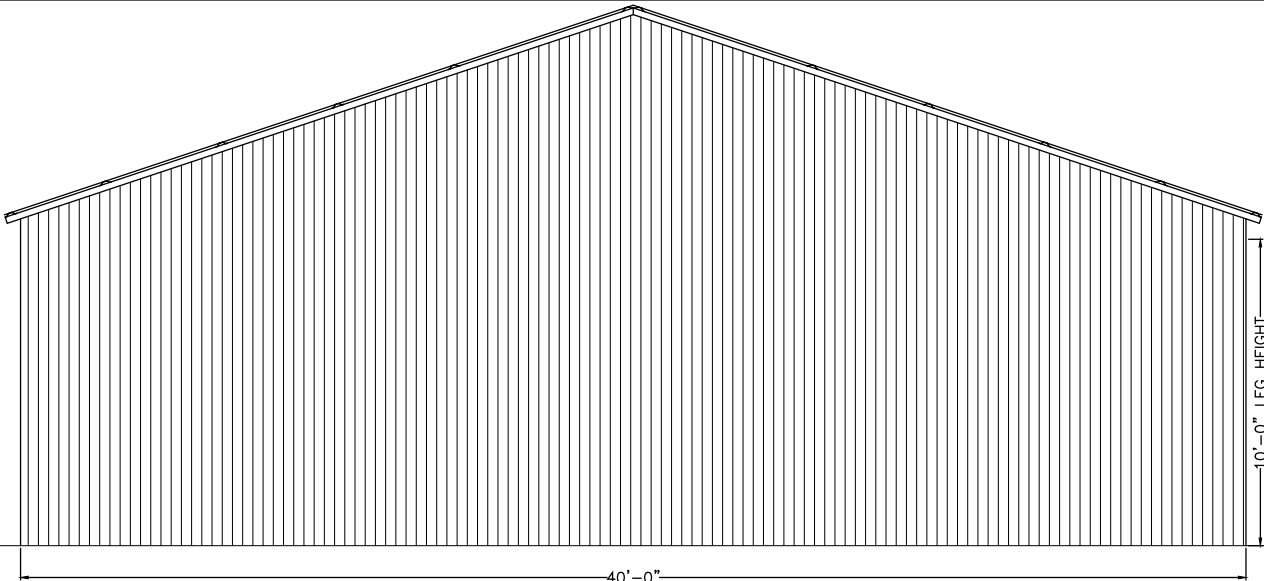


PORCH LEFT/RIGHT SIDE WALL

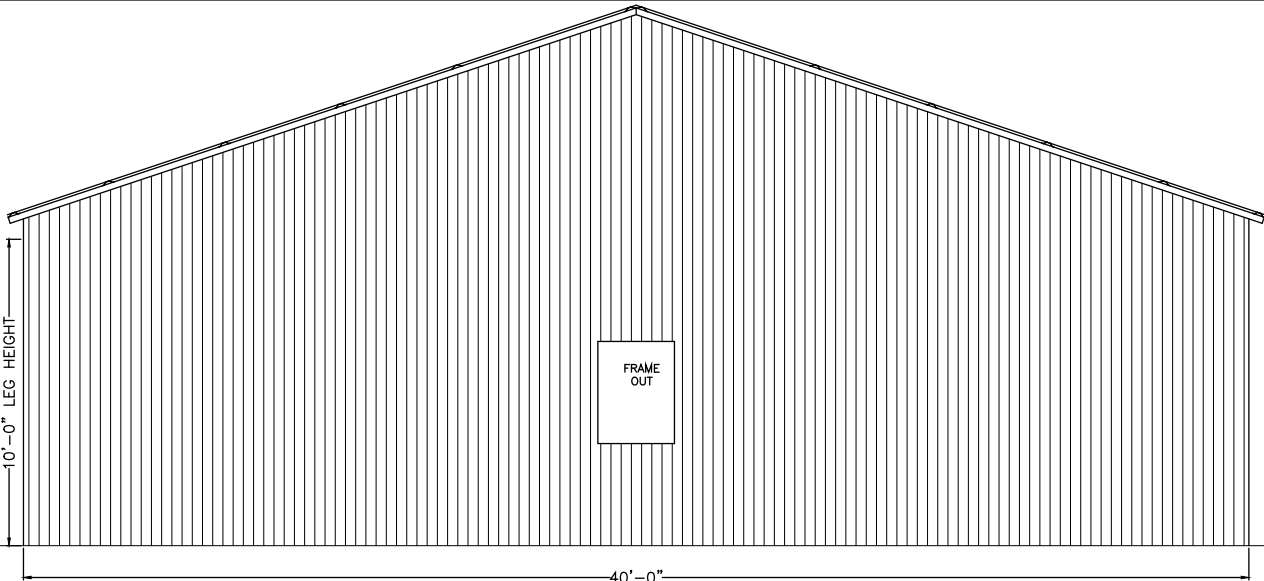


(LEFT) PORCH END WALL

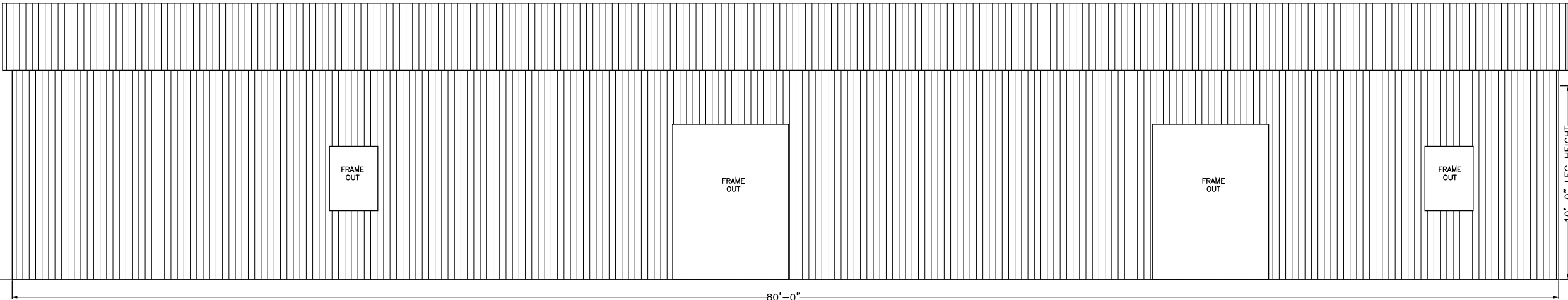
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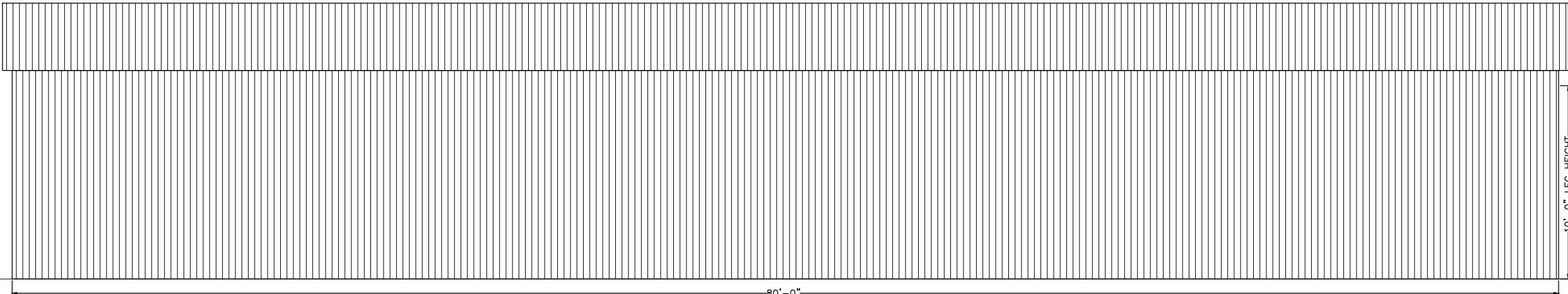
FRONT END WALL



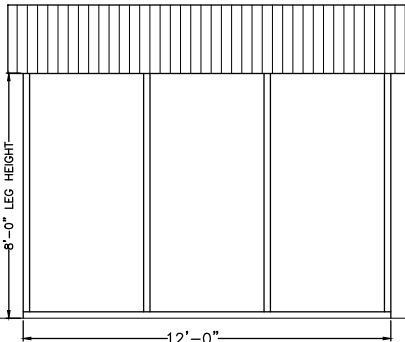
REAR END WALL



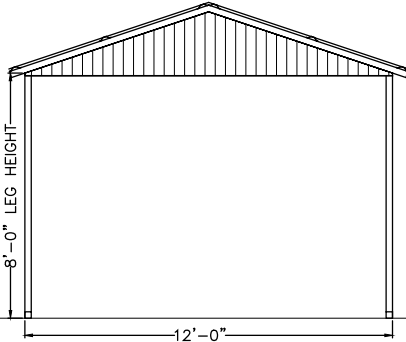
LEFT SIDE WALL



RIGHT SIDE WALL



PORCH LEFT/RIGHT SIDE WALL



LEFT PORCH END WALL



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FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	R-3
WIND SPEED	Vult-140mph
EXPOSURE	B
ENCLOSURE	ENCLOSED/OPEN
INTERNAL PRESSURE COEFF.	+/- 0.18/0.0
IMPORTANCE FACTOR	1.0
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MODULES PER BUILDING	1
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HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	3,344 SQ. FT.

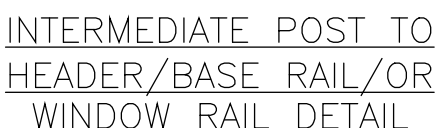
REVISIONS			
REV	DESCRIPTION	DATE	BY

DRAWN BY:	MTB
DATE:	5/8/23
LOCATION:	4417 NW American Ln, Lake City
SIZE:	80'L X 52'W X 10'H

TITLE: SIDE & END VIEWS

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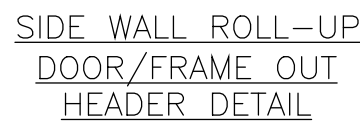
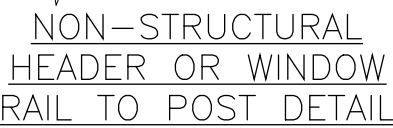
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Florida License #64608



CODE VERSION	IBC 2020 7th Edition ASCE-7-16
MANUFACTURER	CARPOTS ANYWHERE
BUILDING TYPE	RESIDENCE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	II
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HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	3,344 SQ. FT.

[illegible]

DRAWN BY:	MTB
DATE:	5/8/23
LOCATION:	4417 NW American Ln, Lake City
SIZE:	80'L X 52'W X 10'H



Enclosed Design Pressures - 140 mph Basic Wind Speed							
Zone ('a' dimension = 4ft)							
Roof						Wall	
1	2n	2r	2e	3r	3e	4	5
11.1	11.1	11.1	11.1	15.0	15.0	12.5	15.0
-9.6	-24.5	-24.5	-9.6	-45.9	-38.9	-13.9	-18.9

Open Design Pressures - 140 mph Basic Wind Speed							
Zone ('a' dimension = 3ft)							
Roof						Wall	
1	2n	2r	2e	3r	3e	4	5
9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
-22.0	-35.1	-21.8	-10.8	-43.0	-35.1	-9.6	-10.9



APPROVED PRODUCTS		APPROVAL NO.
ROOF SHEATHING	Carports Anywhere Hampton Rib Roof Panel	FL27402.1
WALL SHEATHING	Carports Anywhere Hampton Rib Wall Panel	FL27403.1

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TITLE: DETAILS

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Sheet: CA-4 OF 4