

CODE INFORMATION

CODE VERSION	FBC 2023 8th Edition, ASCE-7-22
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	I
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY, U
WIND SPEED	Vult-111mph
EXPOSURE	C
ENCLOSURE	ENCLOSED/OPEN
INTERNAL PRESSURE COEFF.	+/- 0.18/0.0
IMPORTANCE FACTOR	1.0
ROOF DEAD LOAD	3PSF
ROOF LIVE LOAD	20PSF OR 300lb P.L.
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	2,400 SQ. FT.



NOTES:
SUB-GRADE SOILS:

- VAPOR BARRIER NOT REQUIRED/EXEMPTED PER SECTION 1907.1 EXCEPTIONS.
- 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:

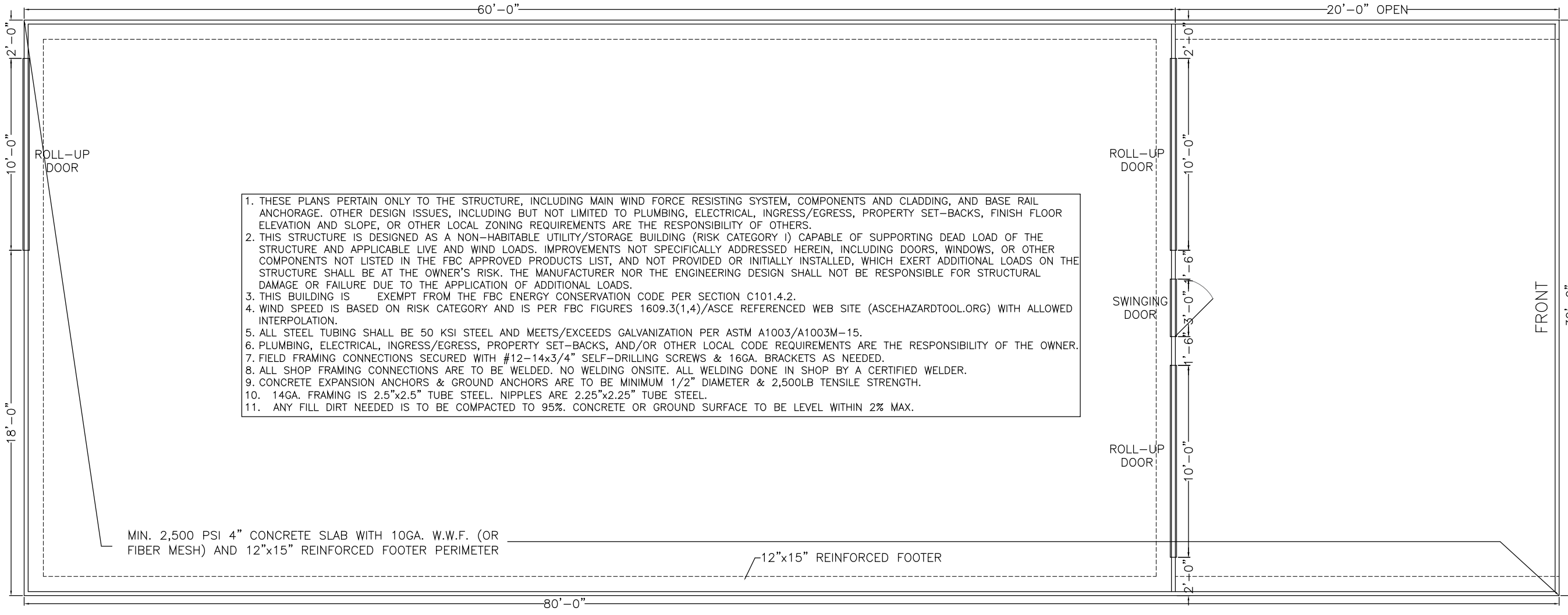
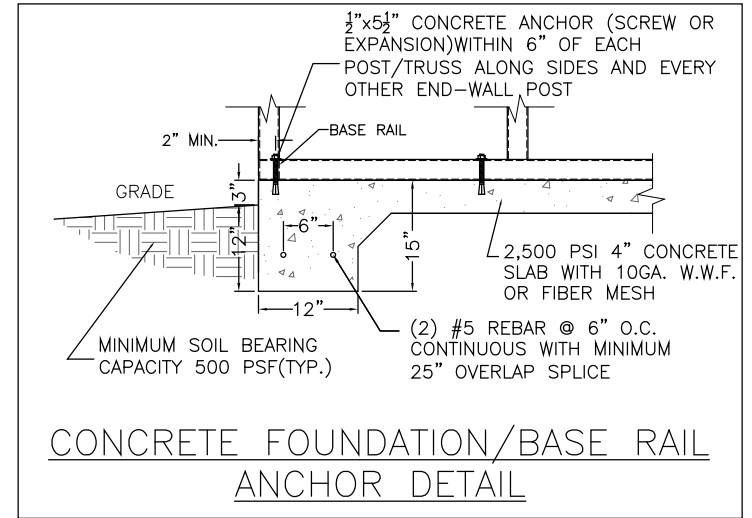
- MINIMUM GRADE 40 STEEL
- REBAR MAY BE BENT IN SHOP OR FIELD PROVIDED:
 - THE REBAR IS BENT COLD
 - THE DIAMETER OF THE BEND MEASURED ON THE INSIDE DOES NOT EXCEED 6-BAR DIAMETERS: AND
 - REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT EXCEPT IN CASES WHERE DOWELS NEED TO BE BENT 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.



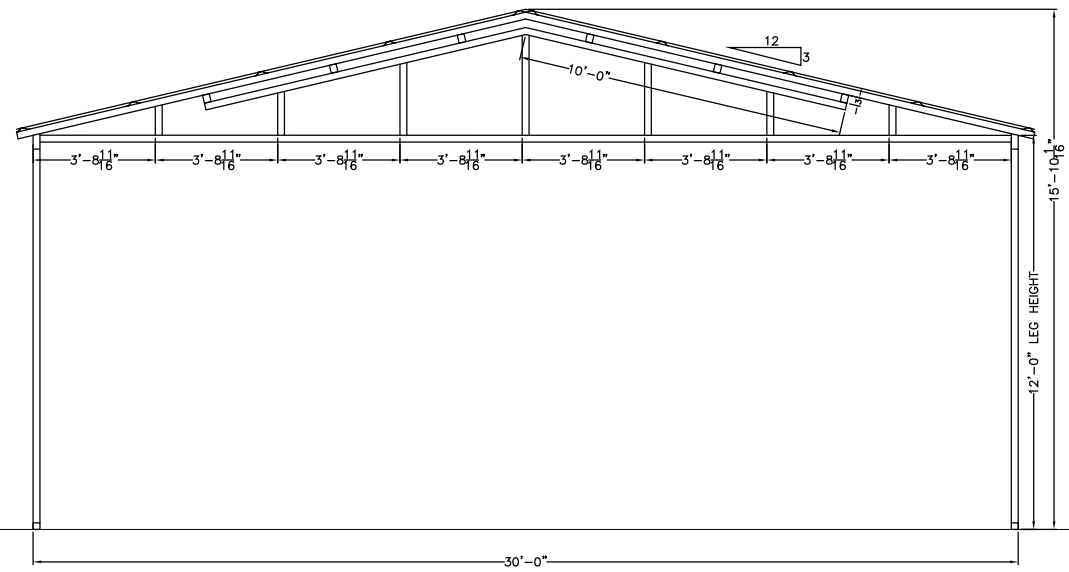
1. THESE PLANS PERTAIN ONLY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM, COMPONENTS AND CLADDING, AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS.
2. THIS STRUCTURE IS DESIGNED AS A NON-HABITABLE UTILITY/STORAGE BUILDING (RISK CATEGORY 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, AND NOT PROVIDED OR INITIALLY INSTALLED, WHICH EXERT ADDITIONAL LOADS ON THE STRUCTURE SHALL BE AT THE OWNER'S RISK. THE MANUFACTURER NOR THE ENGINEERING DESIGN SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FAILURE DUE TO THE APPLICATION OF ADDITIONAL LOADS.
3. THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2.
4. WIND SPEED IS BASED ON RISK CATEGORY AND IS PER FBC FIGURES 1609.3(1,4)/ASCE REFERENCED WEB SITE (ASCEHAZARDTOOL.ORG) WITH ALLOWED INTERPOLATION.
5. ALL STEEL TUBING SHALL BE 50 KSI STEEL AND MEETS/EXCEEDS GALVANIZATION PER ASTM A1003/A1003M-15.
6. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.
7. FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4" SELF-DRILLING SCREWS & 16GA. BRACKETS AS NEEDED.
8. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED. NO WELDING ONSITE. ALL WELDING DONE IN SHOP BY A CERTIFIED WELDER.
9. CONCRETE EXPANSION ANCHORS & GROUND ANCHORS ARE TO BE MINIMUM 1/2" DIAMETER & 2,500LB TENSILE STRENGTH.
10. 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL.
11. ANY FILL DIRT NEEDED IS TO BE COMPACTED TO 95%. CONCRETE OR GROUND SURFACE TO BE LEVEL WITHIN 2% MAX.

TITLE: PLAN VIEW - E Thiry

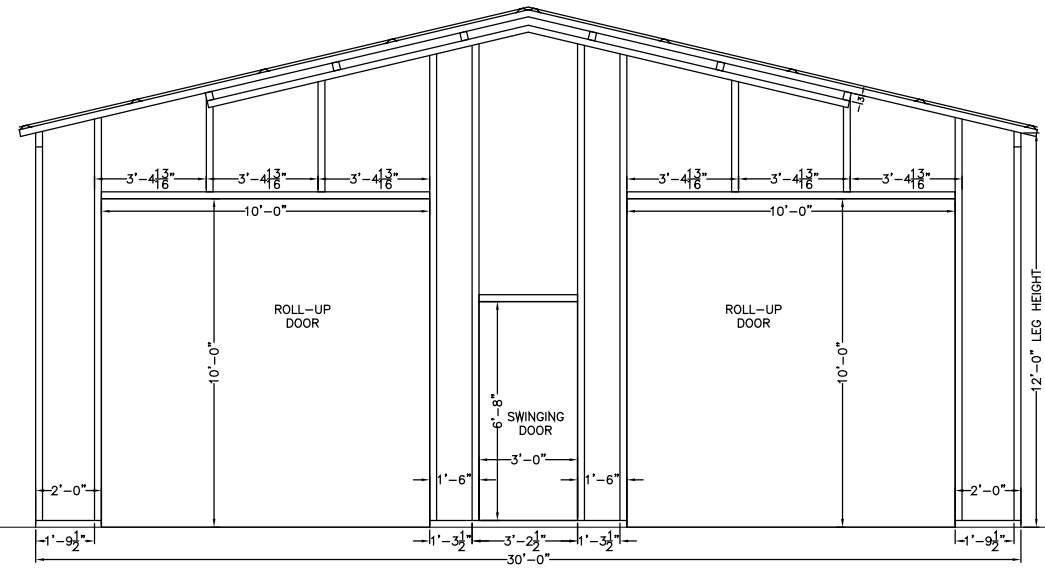
DRAWN BY:	MTB
DATE:	11/15/25
LOCATION:	47337-SW Bethlehem Ave, Fort White
SIZE:	80'L X 30'W X 12'H

Matthew T. Baldwin P.E.
 Florida License #64608
 1160 Private Road, DeLand

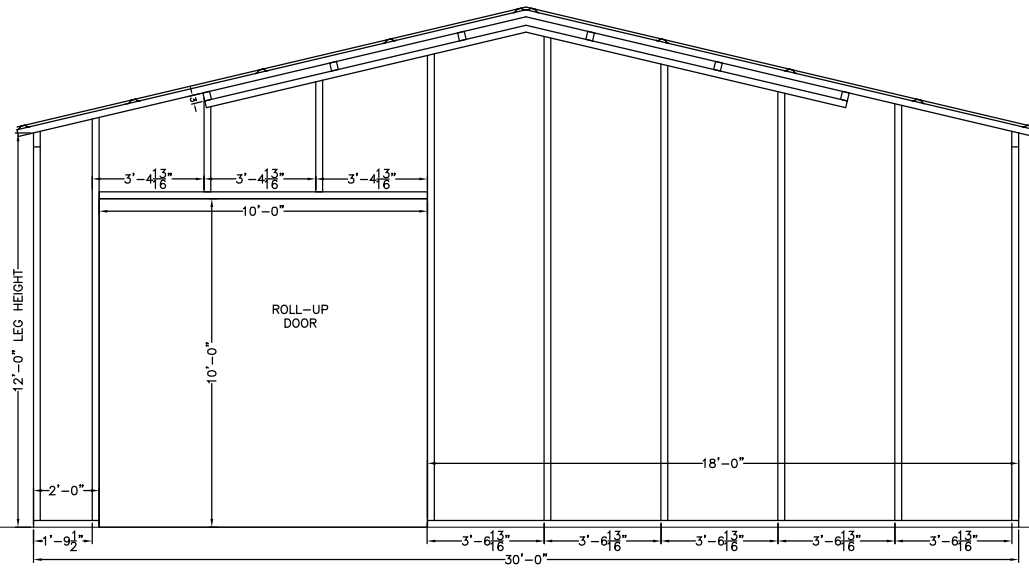
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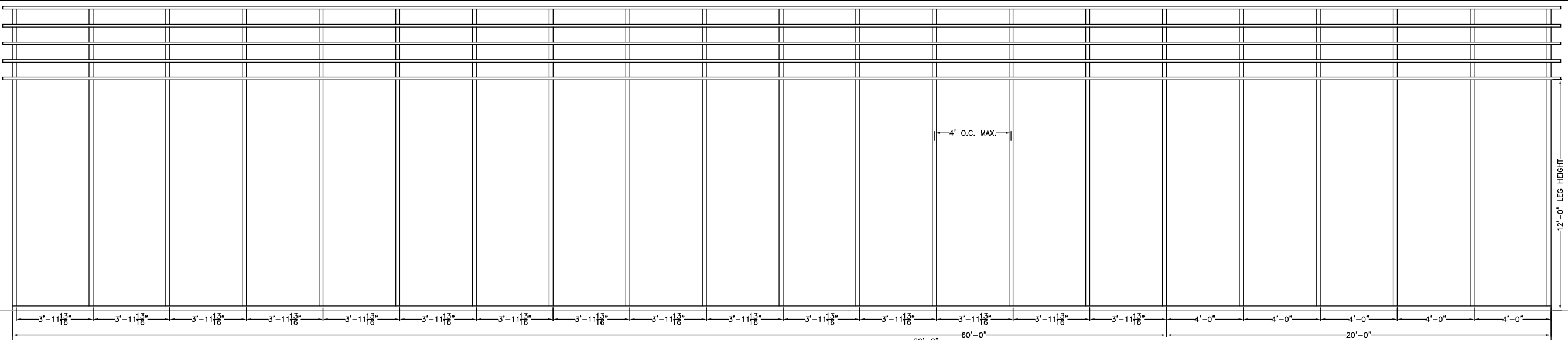
FRONT END WALL



MID END WALL



REAR END WALL



LEFT/RIGHT(MIRRORED) SIDE WALL

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REVISIONS			
REV	DESCRIPTION	DATE	BY

DRAWN BY: MTB
 DATE: 11/15/25
 LOCATION: 47337-SW Bethlehem Ave, Fort White
 SIZE: 80'L X 30'W X 12'H

TITLE: SIDE & END FRAMING VIEWS

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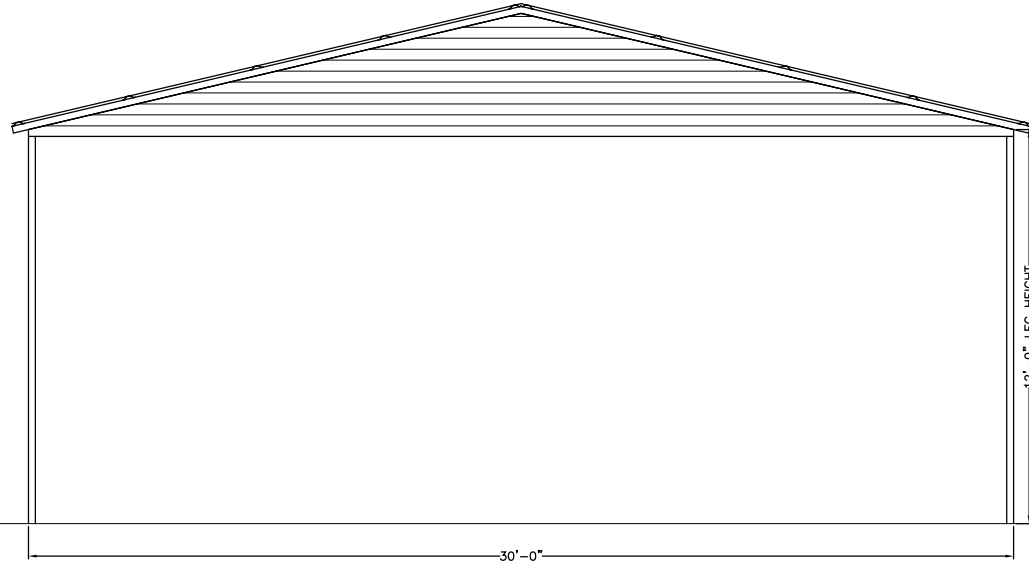
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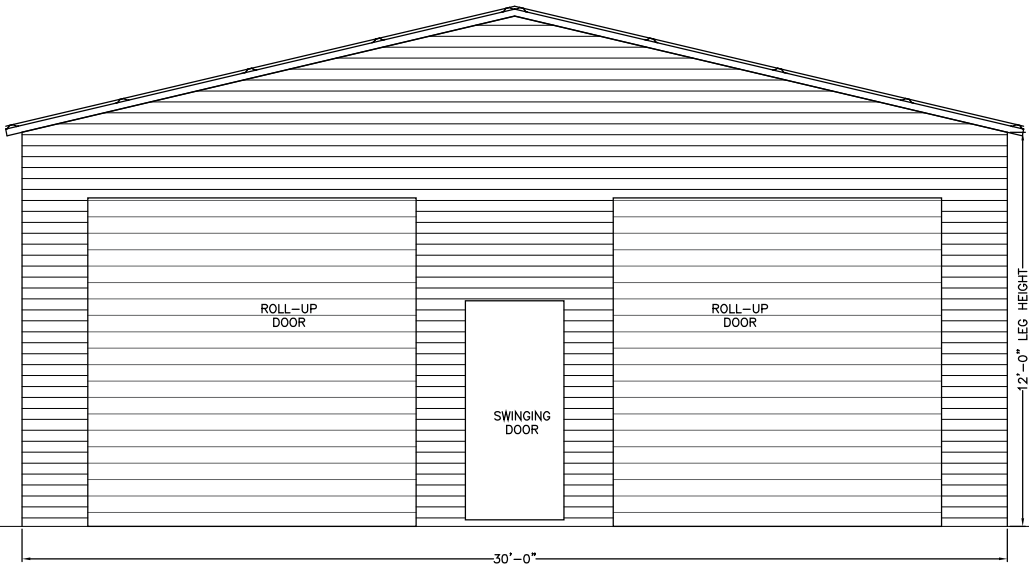
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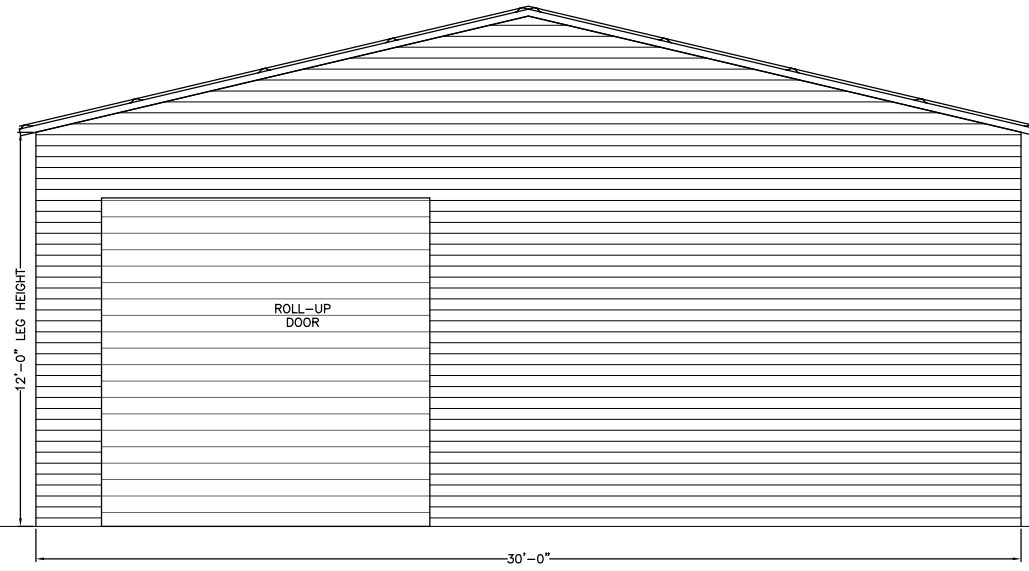
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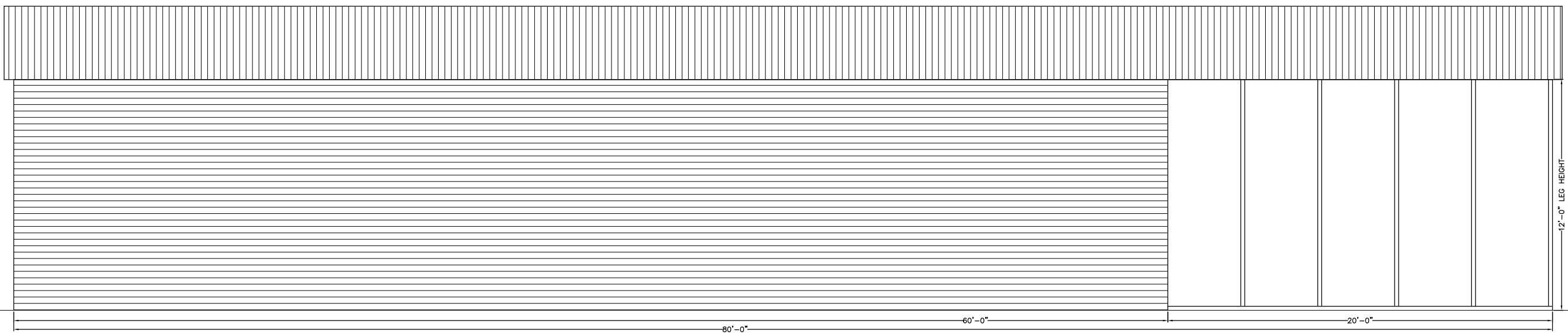
FRONT END WALL



MID END WALL



REAR END WALL



LEFT/RIGHT(MIRRORED) SIDE WALL

TITLE: SIDE & END VIEWS

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Sheet: 3 OF 4

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