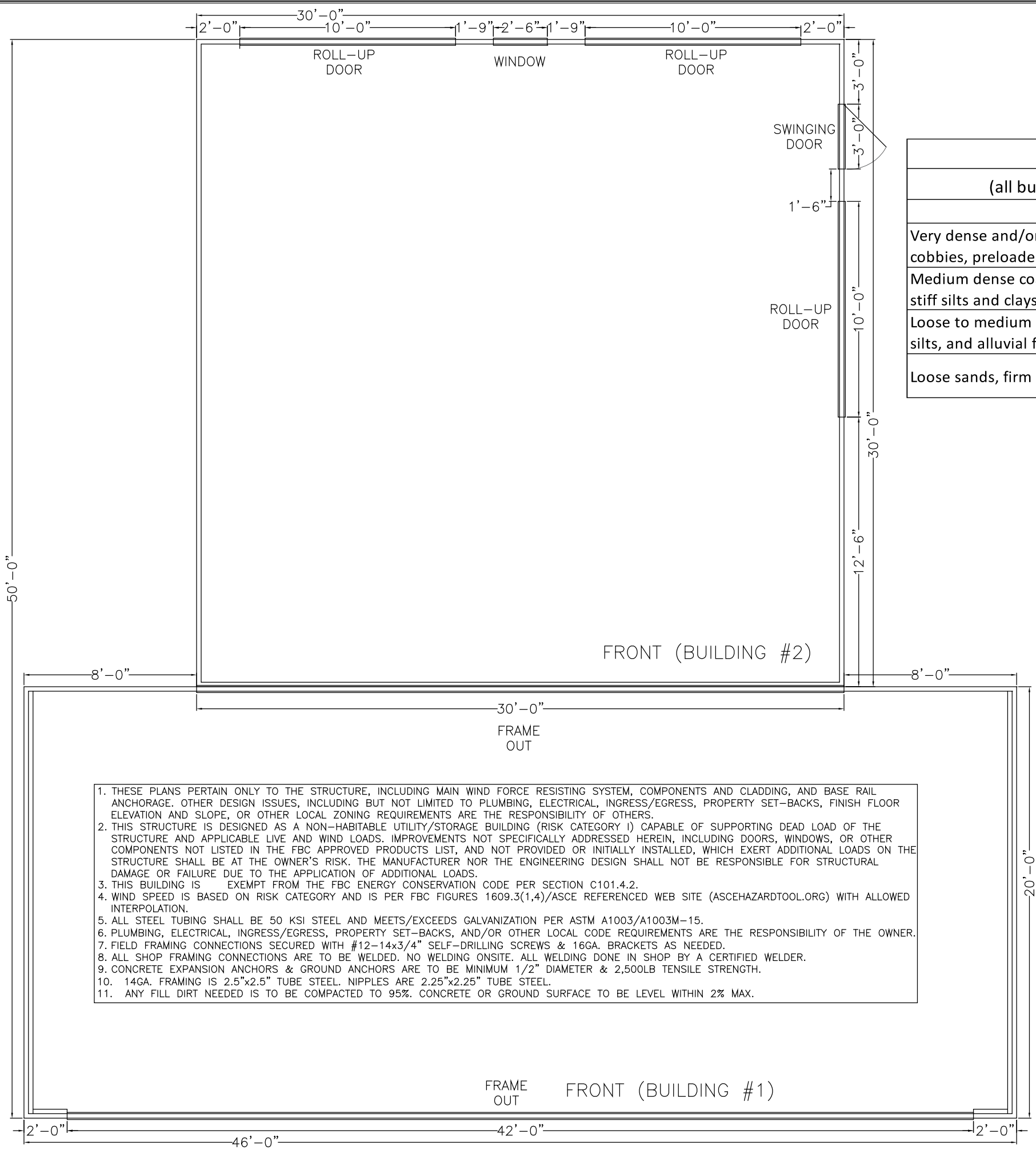
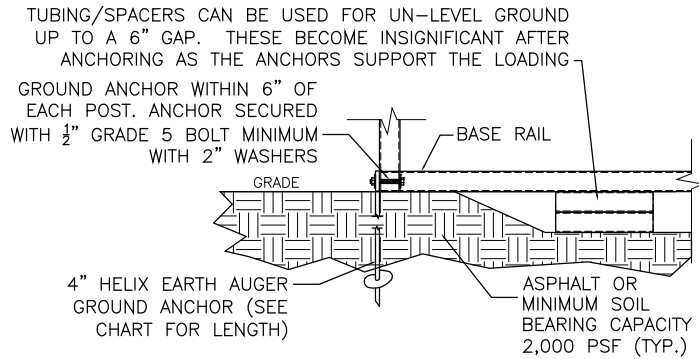


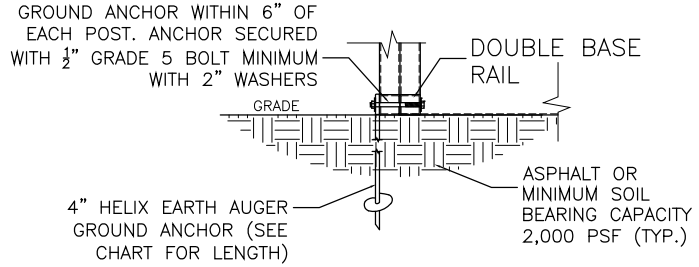


1. THESE PLANS PERTAIN ONLY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM, COMPONENTS AND CLADDING, AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING 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 TUBING 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.

Ground Anchor Length				
(all building widths ≤ 30')		Wind Speed (mph)		
Soil Type		≤140	141-155	156-170
Very dense and/or cemented sand, coarse gravel, cobbles, preloaded silts, clays and coral		30"	30"	48"
Medium dense coarse sands, sandy gravels, very stiff silts and clays		30"	48"	48"
Loose to medium dense sands, firm to stiff clays, silts, and alluvial fill		48"	48"	60"
Loose sands, firm clays, silts, and alluvial fill		48"	60"	60"



GROUND ANCHOR BASE RAIL DETAIL



GROUND ANCHOR BASE RAIL DETAIL



CODE INFORMATION	
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MANUFACTURER	ALL METAL BUILDINGS
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	I
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY, U
WIND SPEED	Vult-109mph
EXPOSURE	C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFF.	+/- 0.18
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
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	1,820 SQ. FT.

REVISIONS			
REV	DESCRIPTION	DATE	BY
1	ENDS F/O SIZES, DBL POSTS	3/24/25	MTB

DRAWN BY:	MTB
DATE:	3/20/25
LOCATION:	150 SW Cessna Ct, Lake City
SIZE:	50'L X 46'W X 11'H

PLAN VIEW - S Budd

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

Sheet: 1 OF 6

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OCCUPANCY	UTILITY, U
WIND SPEED	Vult-109mph
EXPOSURE	C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFF.	+/- 0.18
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
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	1,820 SQ. FT.

REVISIONS

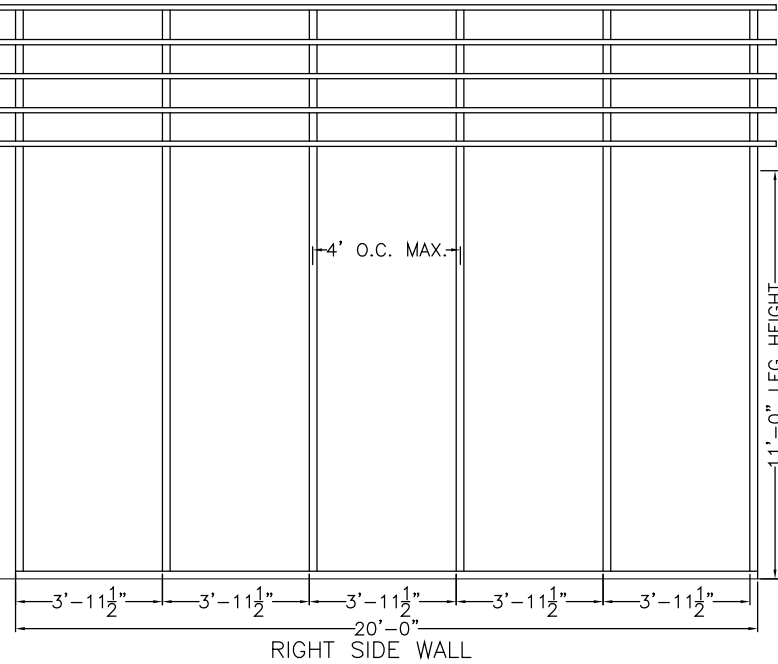
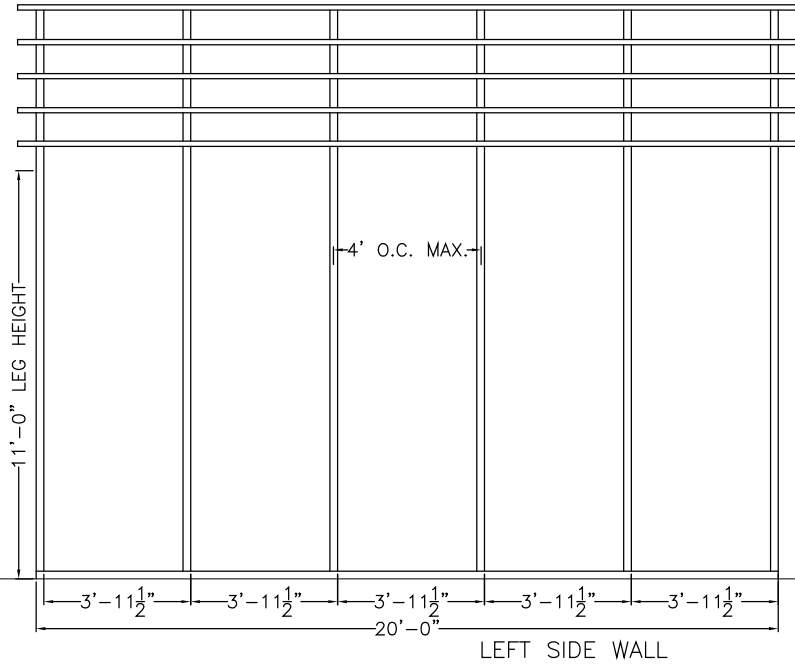
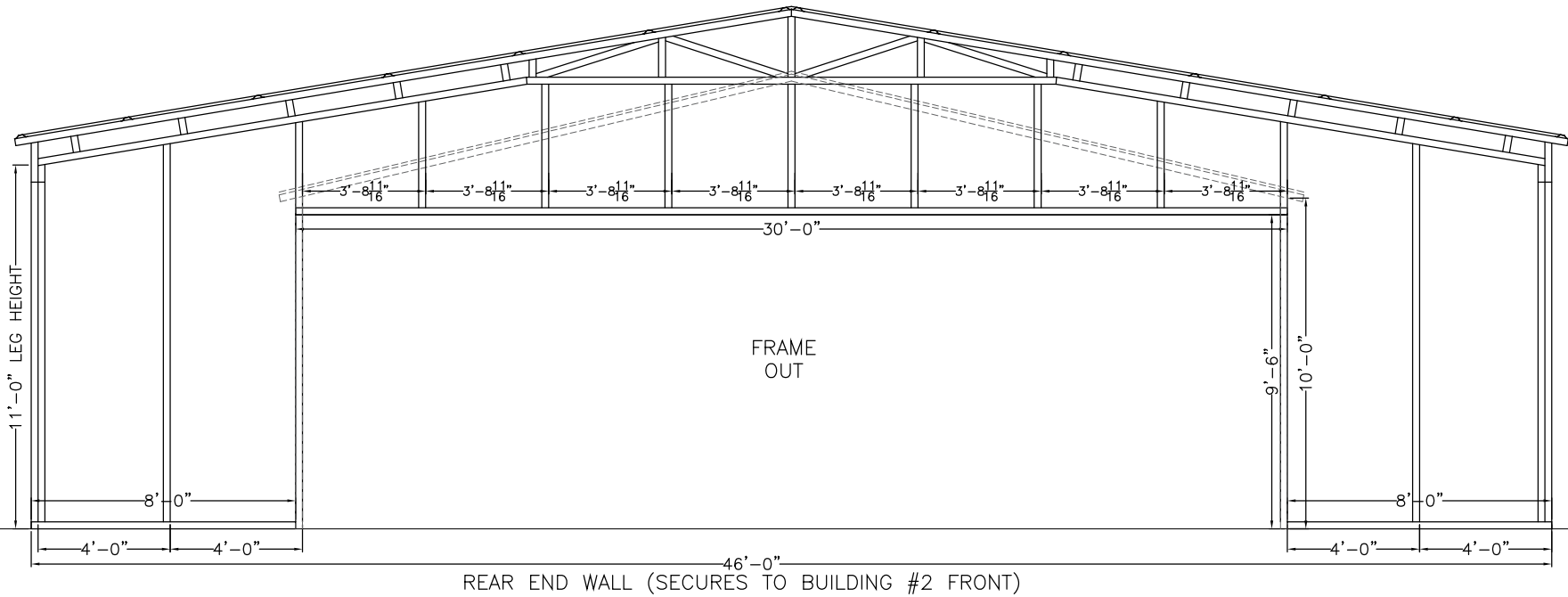
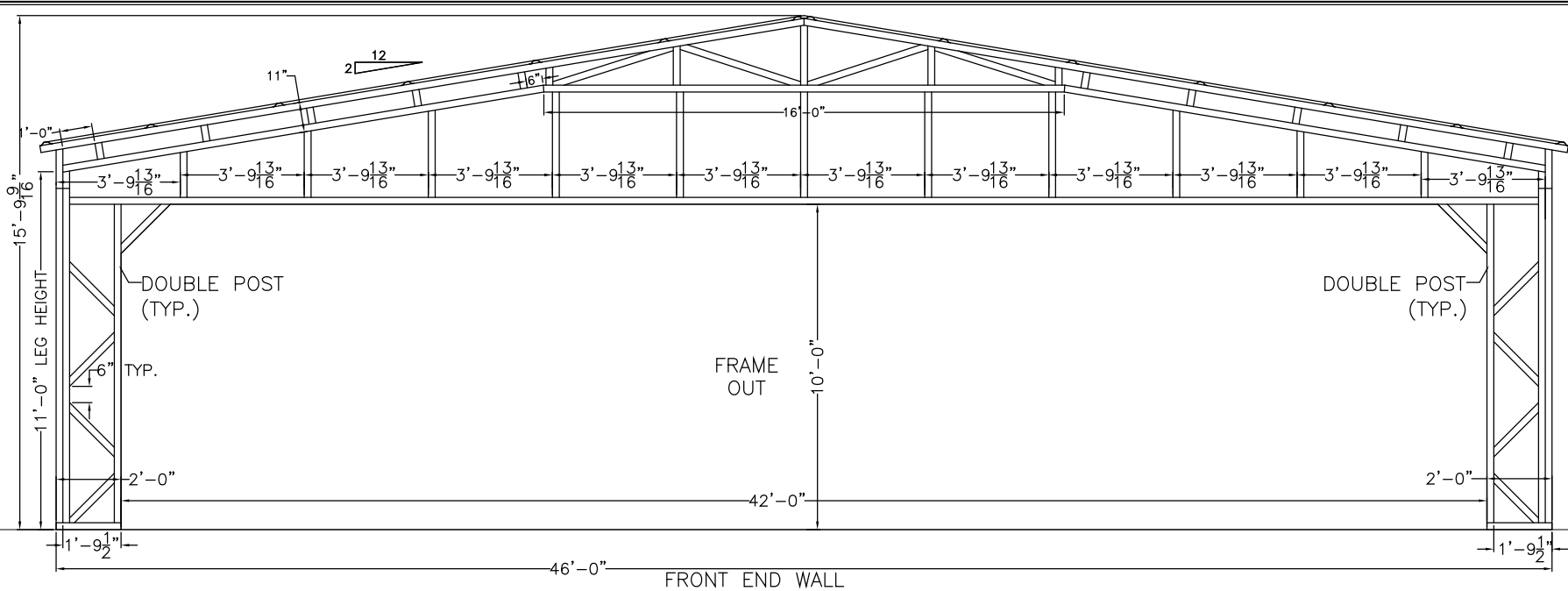
REV	DESCRIPTION	DATE	BY
1	ENDS F/O SIZES, DBL POSTS	3/24/25	MTB

DRAWN BY:	MTB
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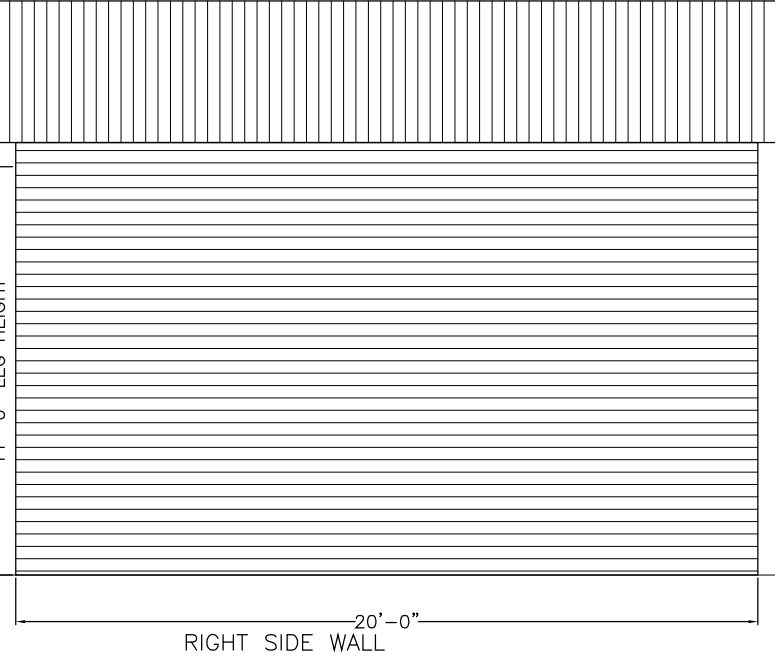
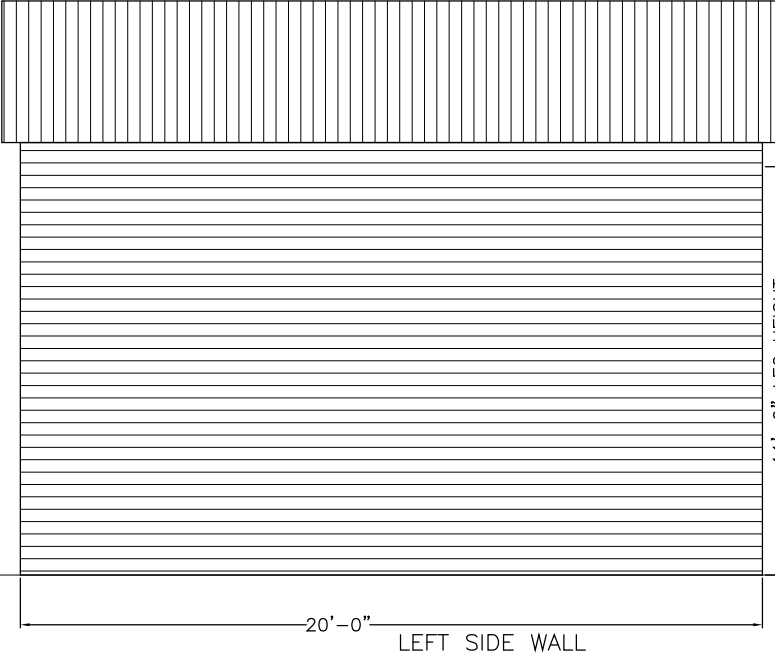
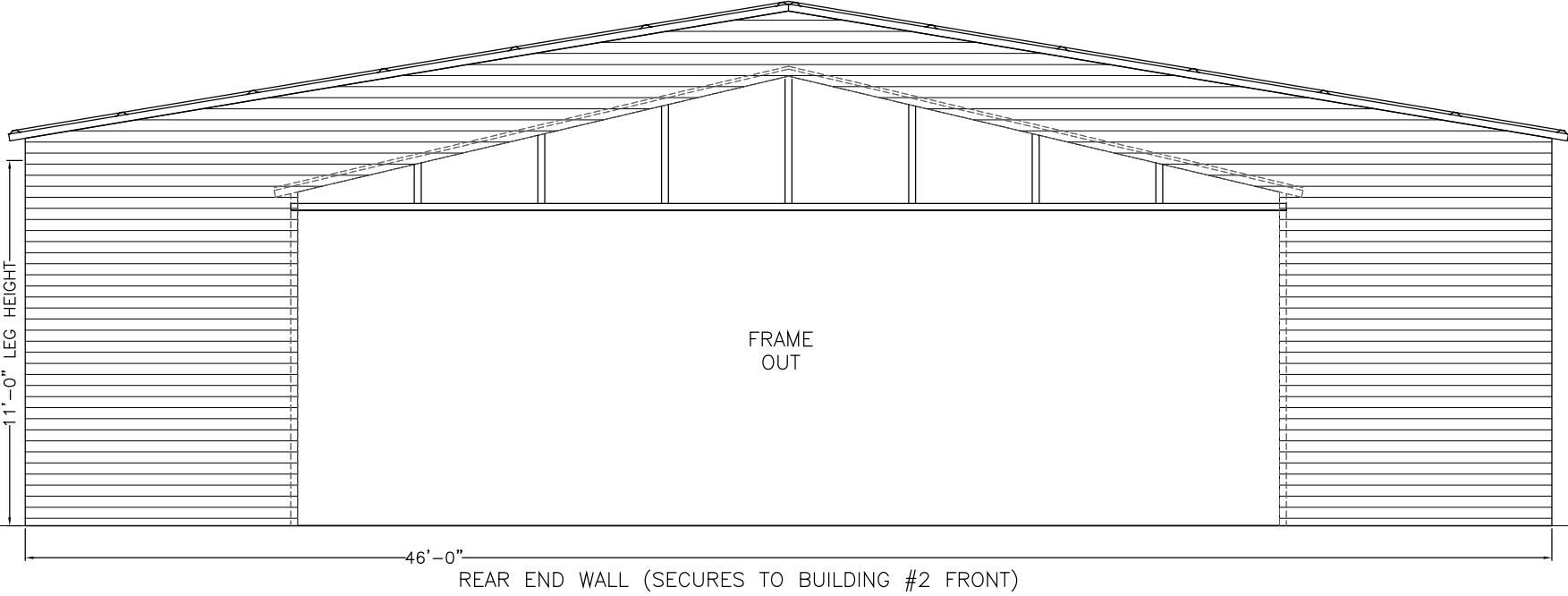
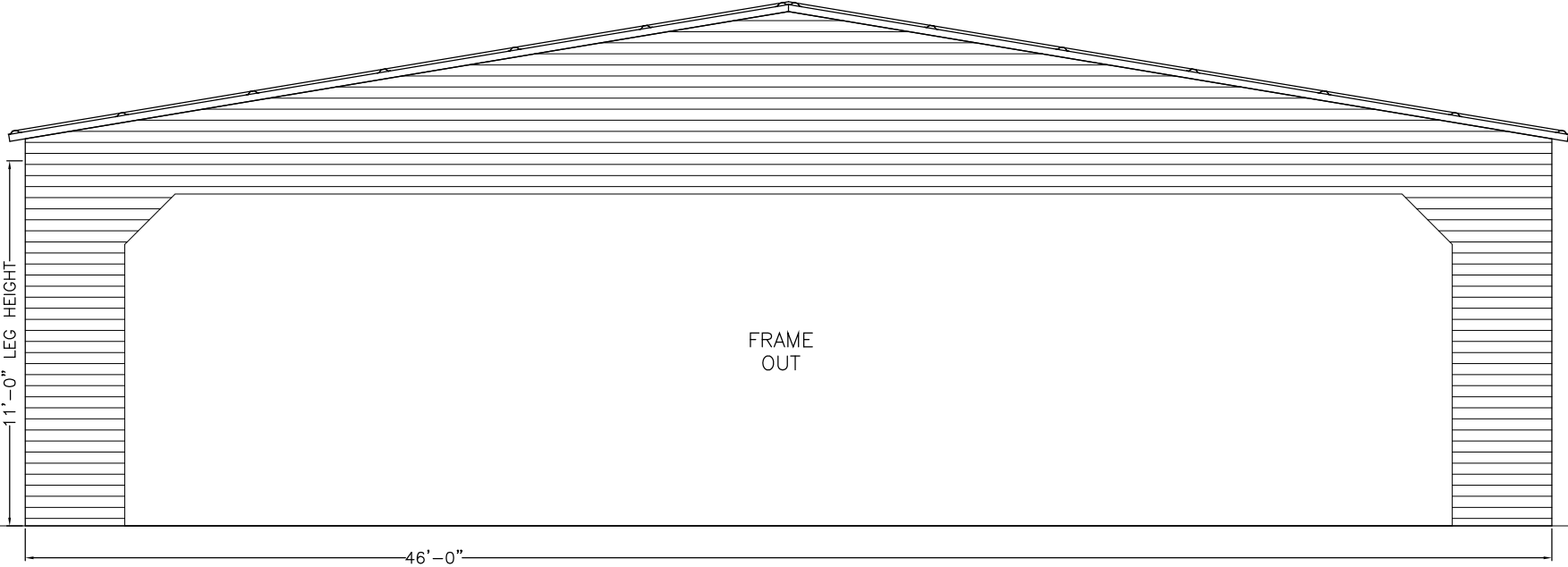
TITLE: BUILDING #1 SIDE & END FRAMING VIEWS

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Sheet: 2 OF 6



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FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY, U
WIND SPEED	Vult-109mph
EXPOSURE	C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFF.	+/- 0.18
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
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	1,820 SQ. FT.

REVISIONS			
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DRAWN BY:	MTB
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BUILDING #1 SIDE & END VIEWS

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Florida License #64608

Sheet: 3 OF 6



CODE INFORMATION

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MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	1,820 SQ. FT.

REVISIONS

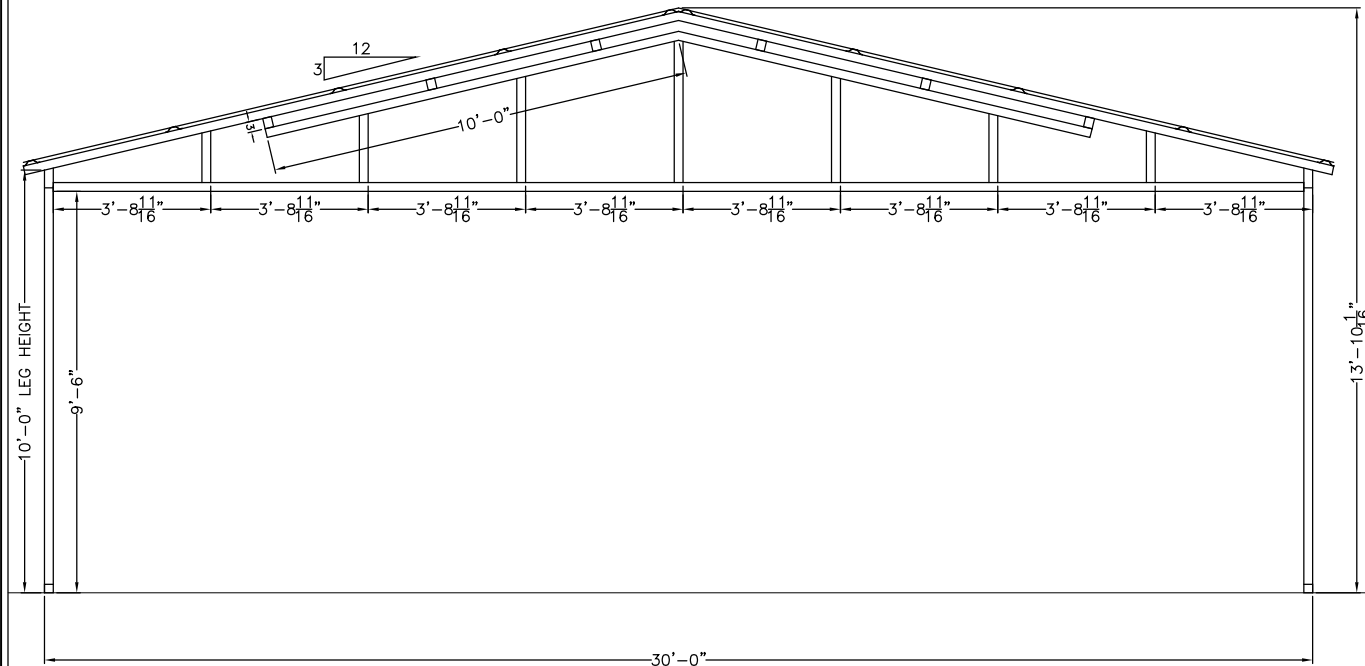
REV	DESCRIPTION	DATE	BY
1	ENDS F/O SIZES, DBL POSTS	3/24/25	MTB

DRAWN BY:	MTB
DATE:	3/20/25
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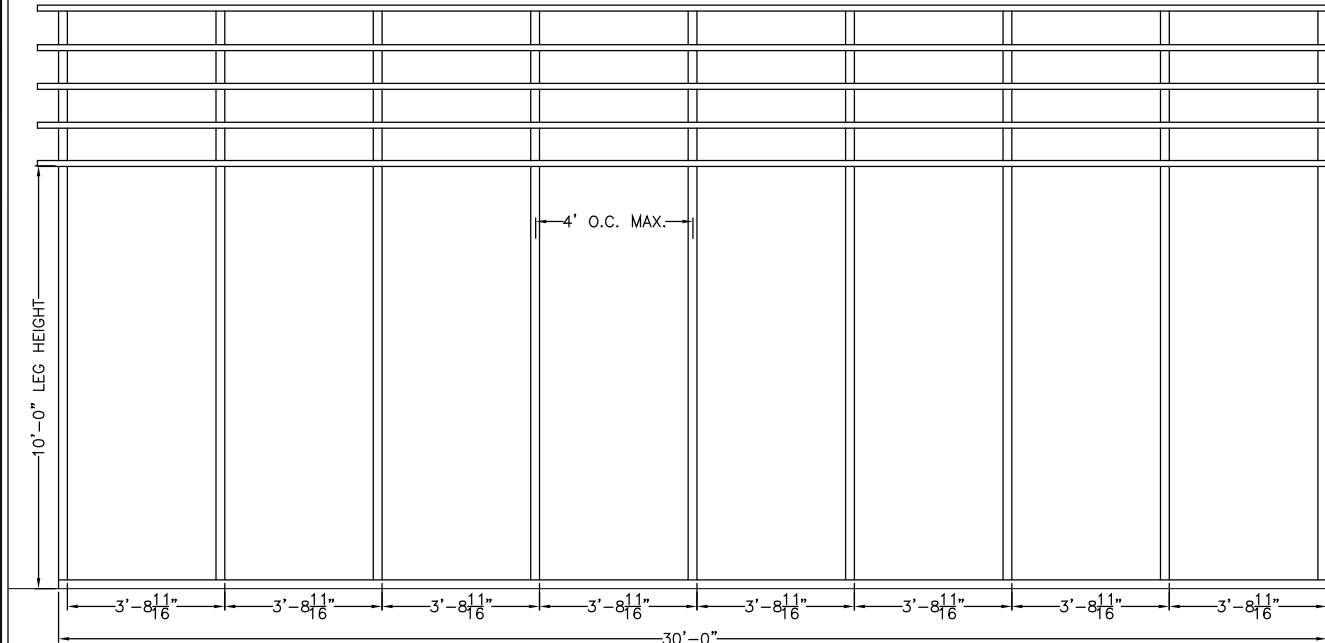
BUILDING #2 SIDE & END FRAMING VIEWS

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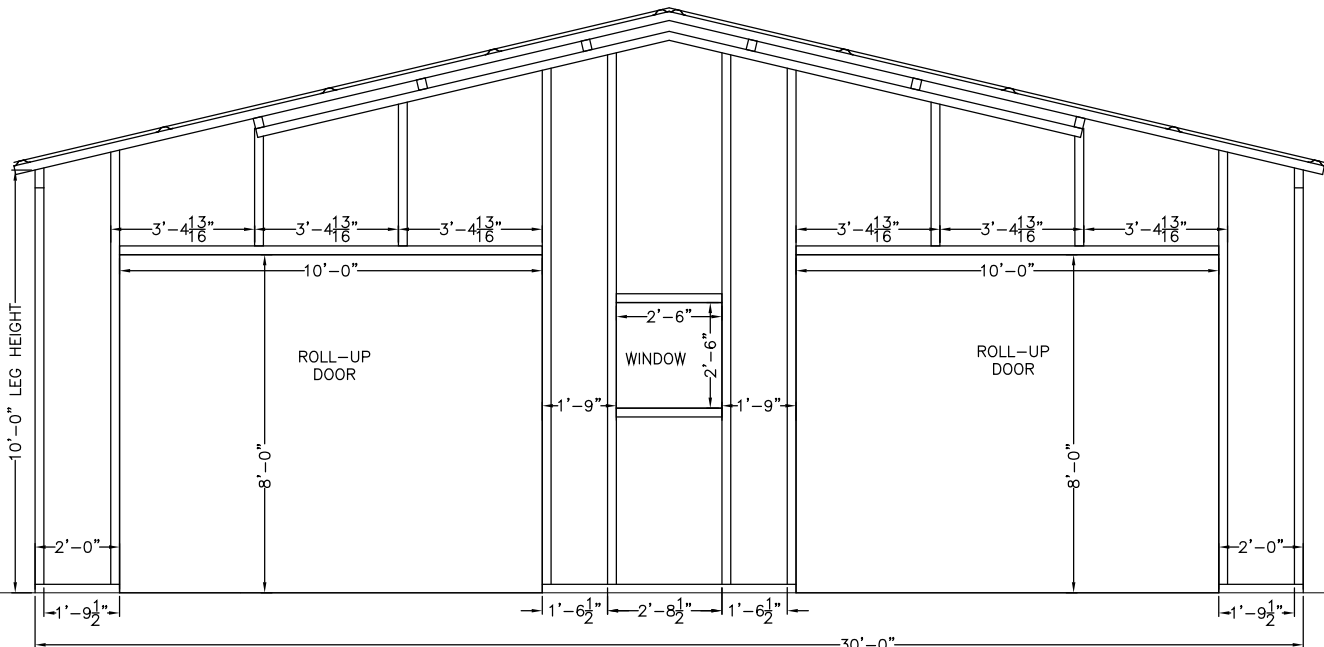
Sheet: 4 OF 6



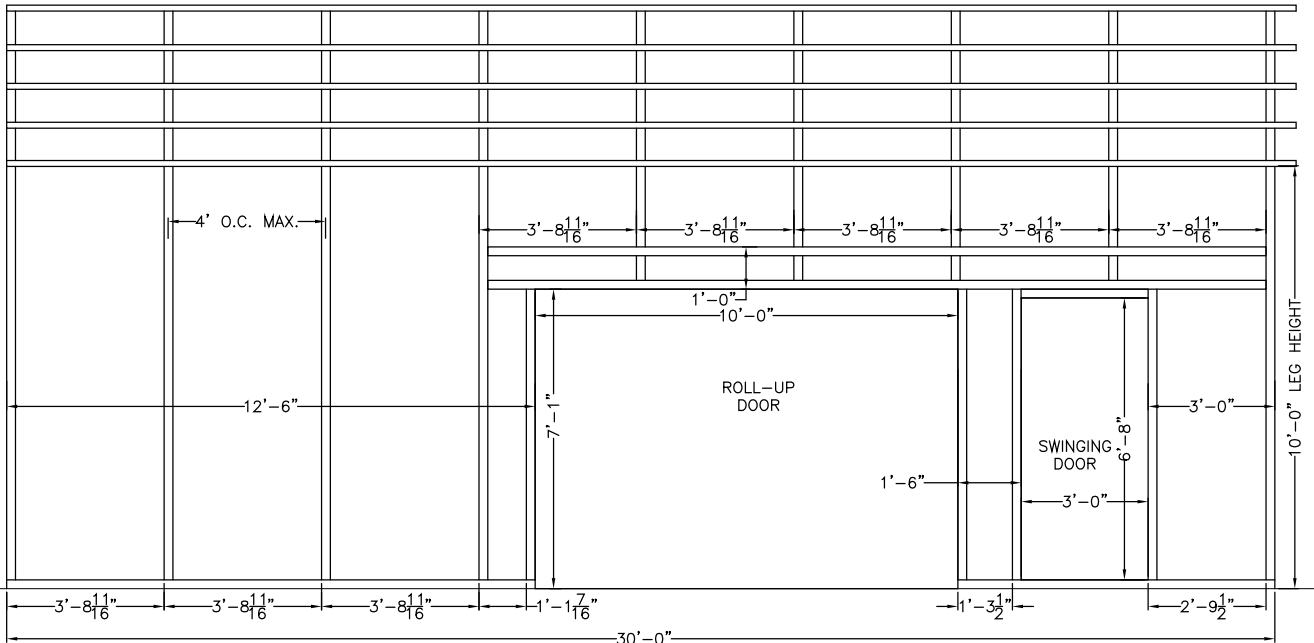
FRONT END WALL (SECURES TO BUILDING #1 REAR)



LEFT SIDE WALL



REAR END WALL



RIGHT SIDE WALL

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MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	1,820 SQ. FT.

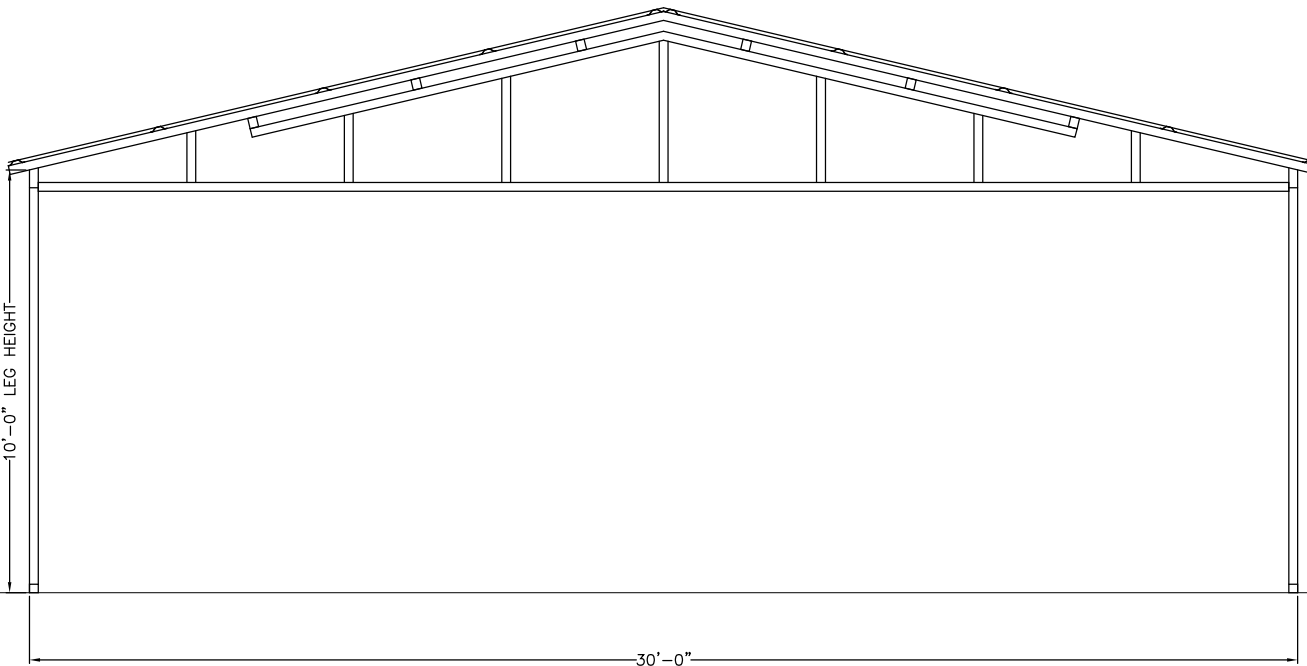
REVISIONS

REV	DESCRIPTION	DATE	BY
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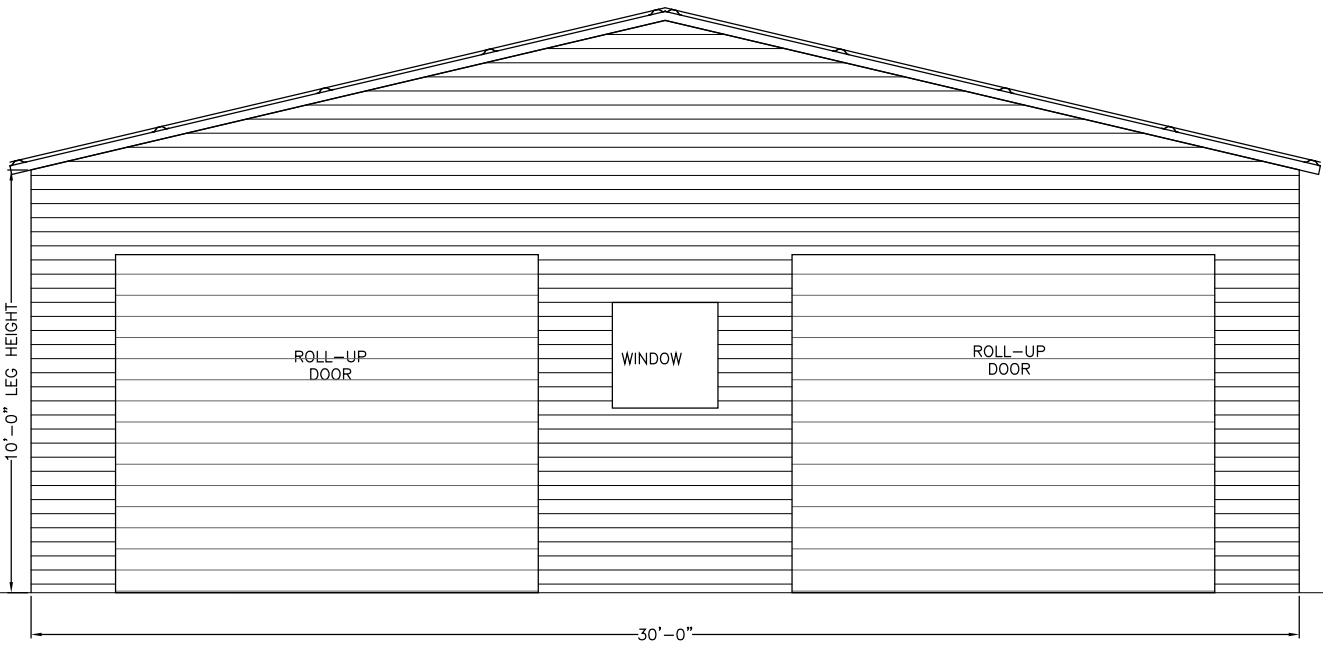
DRAWN BY:	MTB
DATE:	3/20/25
LOCATION:	150 SW Cessna Ct, Lake City
SIZE:	50'L X 46'W X 11'H

BUILDING #2 SIDE & END VIEWS

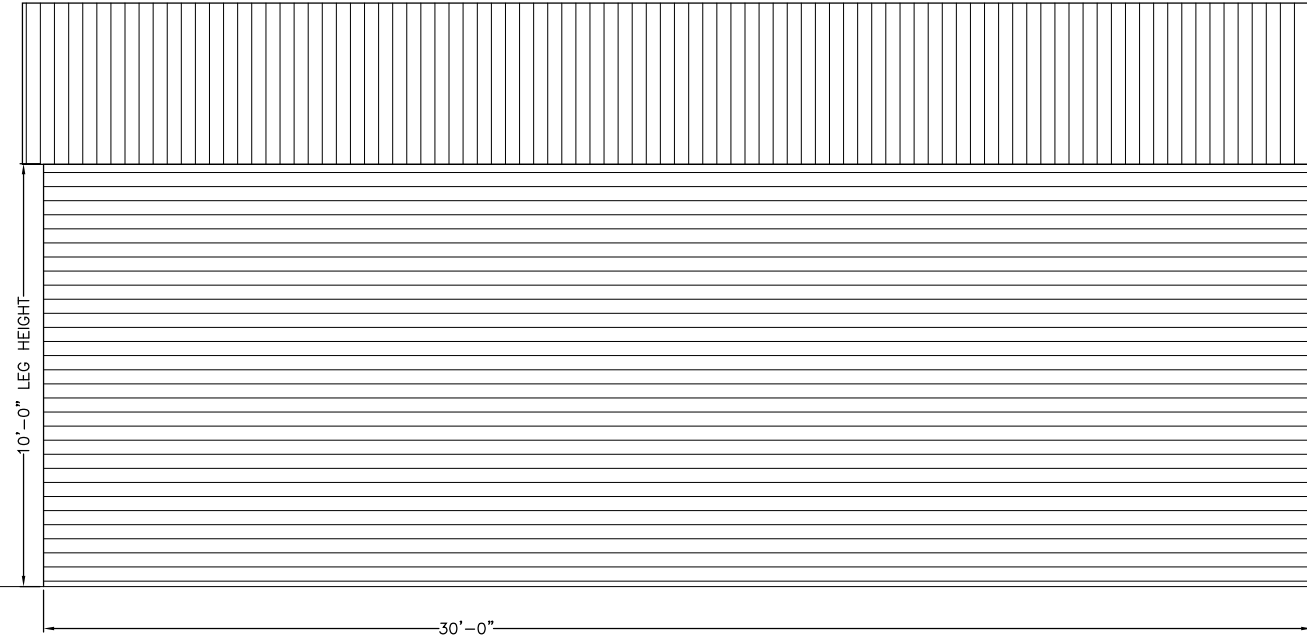
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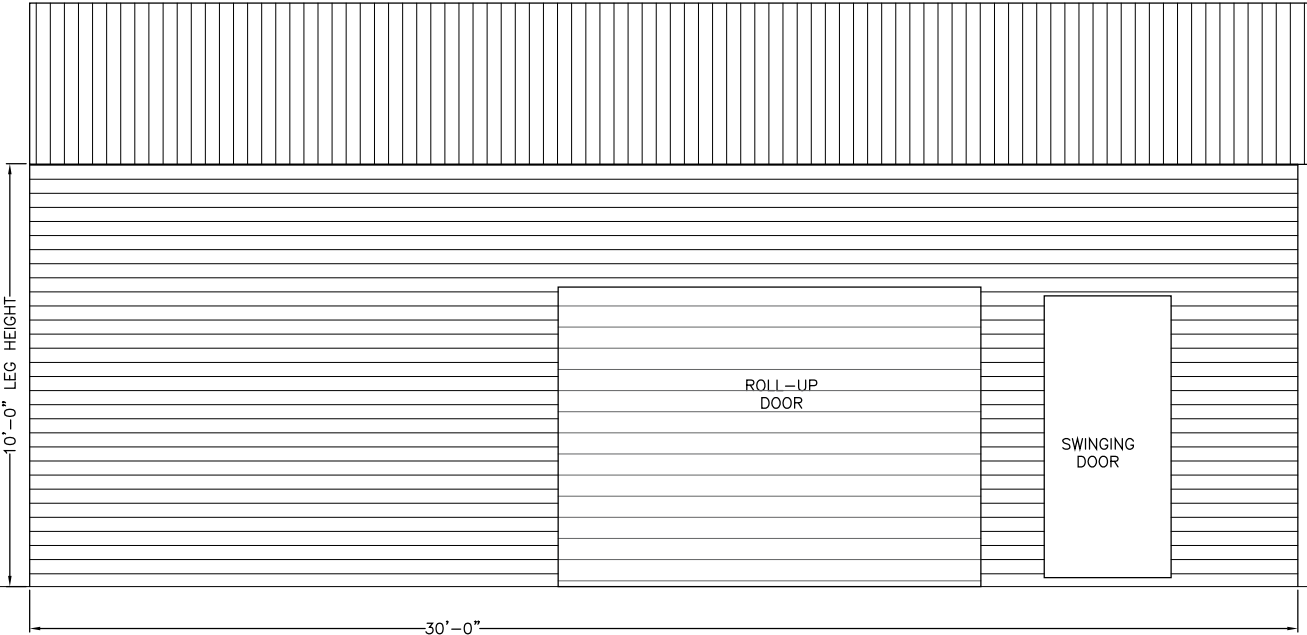
FRONT END WALL (SECURES TO BUILDING #1 REAR)



REAR END WALL



LEFT SIDE WALL



RIGHT SIDE WALL

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ENCLOSURE	ENCLOSED
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MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	1,820 SQ. FT.

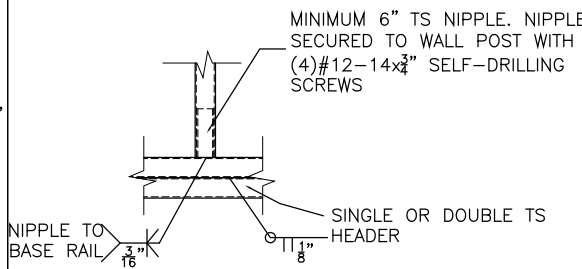
REVISIONS

REV	DESCRIPTION	DATE	BY
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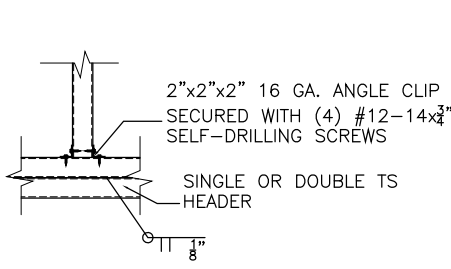
DRAWN BY:	MTB
DATE:	3/20/25
LOCATION:	150 SW Cessna Ct, Lake City
SIZE:	50'L X 46'W X 11'H

TITLE: DETAILS

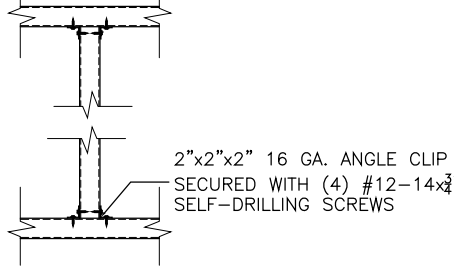
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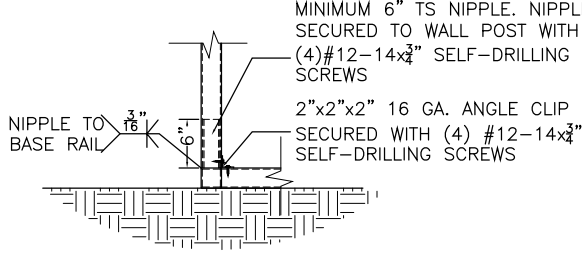
HEADER CONNECTION DETAIL
OPTION 2



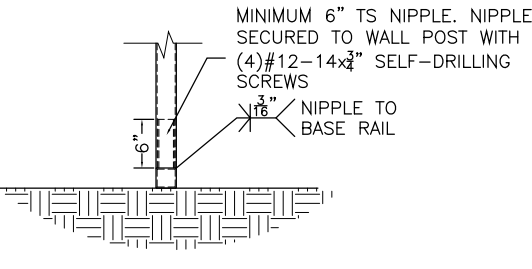
HEADER CONNECTION
DETAIL OPTION 1



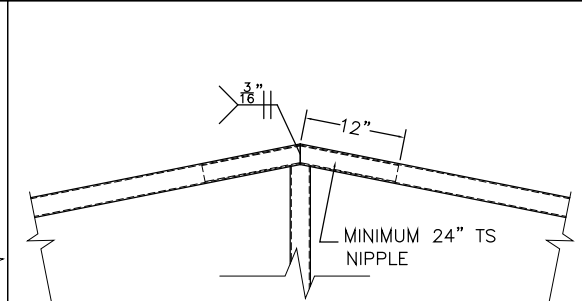
INTERMEDIATE POST TO
HEADER/BASE RAIL/OR
WINDOW RAIL DETAIL



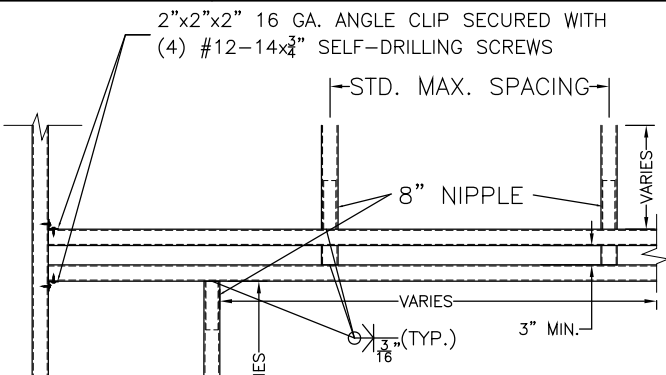
END POST TO BASE RAIL
CONNECTION



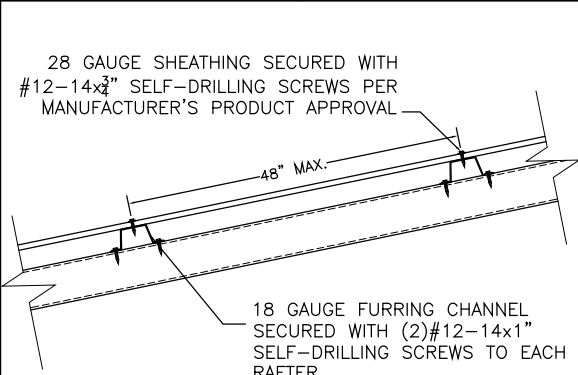
POST TO BASE RAIL
CONNECTION



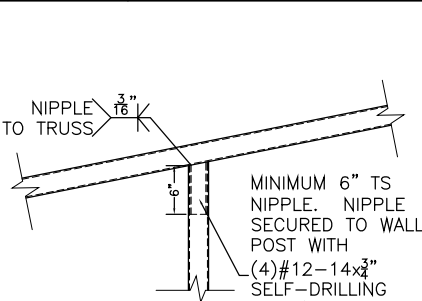
RAFTER CONNECTION
DETAIL



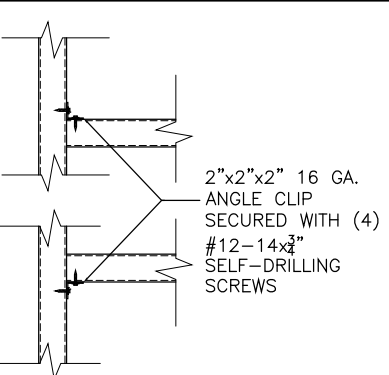
SIDE WALL ROLL-UP
DOOR/FRAME OUT
HEADER DETAIL



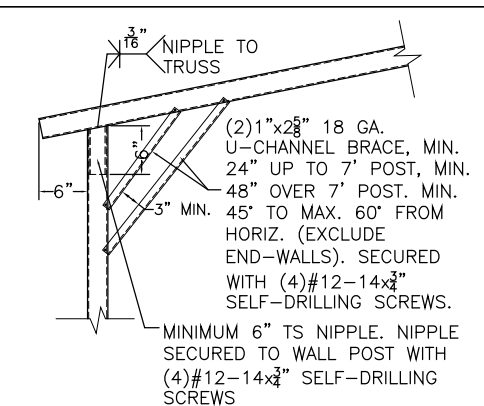
WALL/ROOF PANEL CONNECTION
VERTICAL SHEATHING OPTION



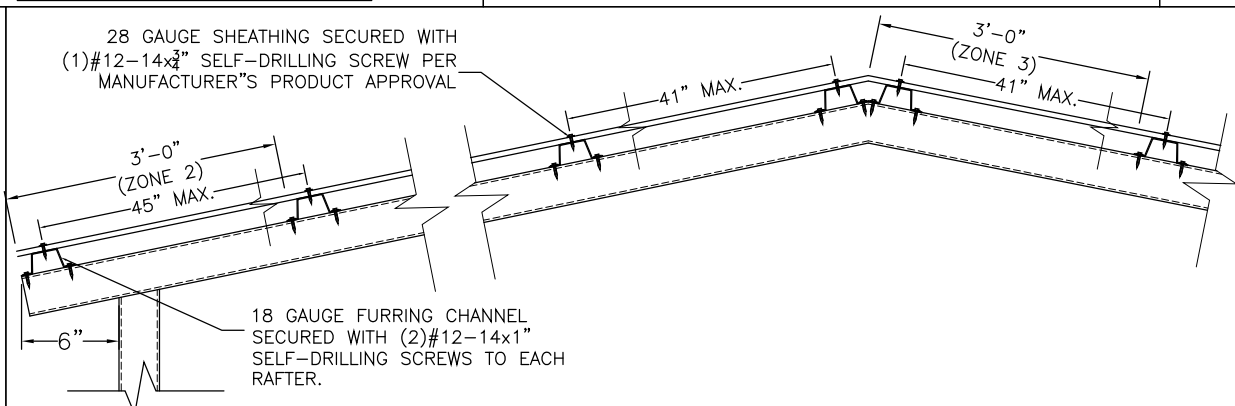
POST TO TRUSS
CONNECTION



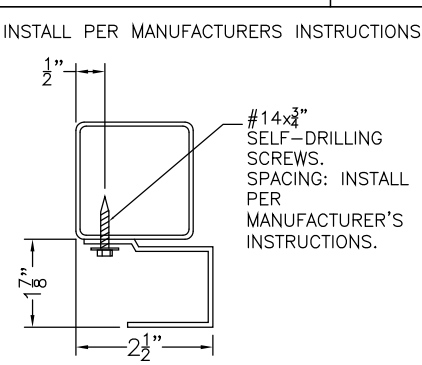
NON-STRUCTURAL
HEADER OR WINDOW
RAIL TO POST DETAIL



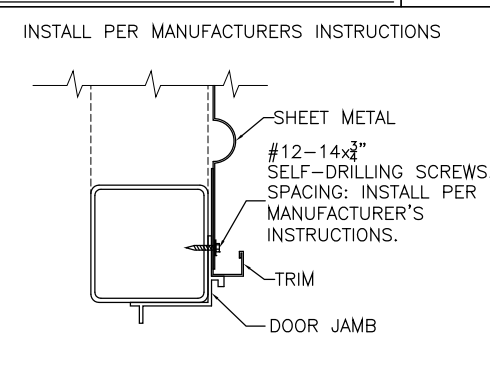
BOX EAVE RAFTER TO
POST CONNECTION DETAIL



EAVE & RIDGE REINFORCED ROOF PANEL CONNECTION
(ZONE 2&3)



ROLL-UP DOOR TO
POST CONNECTION

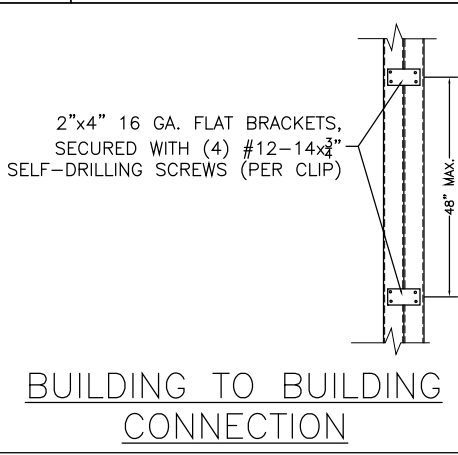


DOOR FRAME TO POST
CONNECTION

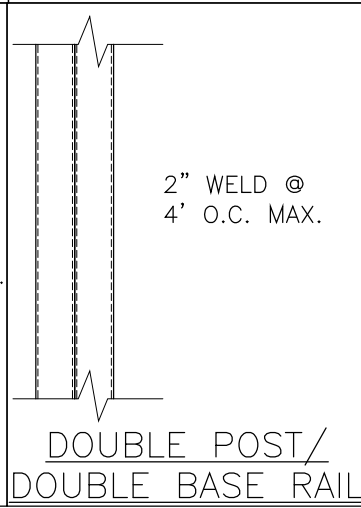
BUILDING #1				
Enclosed		Design Pressures		109 mph
Zone		'a' dim.= 3ft		V _{ult} Wind Speed
Roof		Wall		
1	2	3	4	5
9.6	12.9	12.9	12.9	15.5
-9.9	-46.4	-55.2	-14.3	-19.5

BUILDING #2				
Enclosed		Design Pressures		109 mph
Zone		'a' dim.= 3ft		V _{ult} Wind Speed
Roof		Wall		
1	2	3	4	5
9.6	12.5	12.5	12.5	15.1
-9.7	-45.2	-53.8	-14.0	-19.0

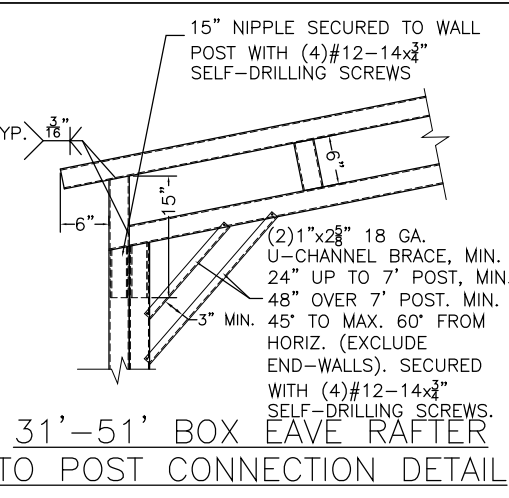
APPROVED PRODUCTS		APPROVAL NO.
ROOF SHEATHING	USA STEEL BUILDINGS INC. R PANEL	FL13364.1
WALL SHEATHING	USA STEEL BUILDINGS INC. R PANEL	FL13364.1
WINDOW	POCOHONTAS ALUMINUM COMPANY, INC. MODEL 100VS	FL12940.1
SWINGING DOOR	ELIXER DOOR AND METAL COMPANY 407 STEEL DOOR	FL17996.5
SWINGING DOOR	THERMA-TRU BENCHMARK DOOR	FL17540.1
ROLL-UP DOOR	JANUS INTERNATIONAL CORPORATION SERIES 3652	FL21450.6
ROLL-UP DOOR	JANUS INTERNATIONAL CORPORATION SERIES 3100-IM: MAX. 16'x20'	FL21450.4
ROLL-UP DOOR	JANUS INTERNATIONAL CORPORATION SERIES 3100	FL21450.3
ROLL-UP DOOR	JANUS INTERNATIONAL CORPORATION SERIES 3100	FL21450.3
ROLL-UP DOOR	JANUS INTERNATIONAL CORPORATION SERIES 750: MAX. 8'8"x12'	FL21450.10
ROLL-UP DOOR	JANUS INTERNATIONAL CORPORATION SERIES 750: MAX. 10'x12'	FL21450.11



BUILDING TO BUILDING
CONNECTION



DOUBLE POST/
DOUBLE BASE RAIL



31'-51' BOX EAVE RAFTER
TO POST CONNECTION DETAIL