

CATEGORY	SUBCATEGORY	MANUFACTURER & PRODUCT	APPROVAL NUMBER	MAX ALLOWABLE WINDSPEED (MPH)
STRUCTURAL COMPONENT	ROOF DECK	CARPORTS ANYWHERE, HAMPTON RIB ROOF PANEL	27402.1-R1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORTS ANYWHERE, HAMPTON RIB WALL PANEL	27403.1	180
STRUCTURAL COMPONENT	STRUCTURAL WALL	CARPORTS ANYWHERE, RESI-LAP SIDING WALL PANEL	27403.2	180
PANEL WALLS	WALL LOUVER (FLOOD VENT)	FLOOD SOLUTIONS, LLC., FS & FS HEX	17588.1	N/A
EXTERIOR DOOR	SWINGING	ELIXER DOOR & METAL CO., SERIES 230 W9 STEEL O.S DOOR W/ COTTAGE WINDOW	17996.2	180
EXTERIOR DOOR	SWINGING	ELIXER DOOR & METAL CO., SERIES 407 VINYL STEEL OUT-SWINGING REGULAR DOOR – BLANK (NO WINDOW)	17996.5	180
EXTERIOR DOOR	SWINGING	THERMA-TRU CORPORATION, "CONSTRUCTION SERIES" AND "BENCHMARK BY THERMA-TRU"	15225.2	180
EXTERIOR DOOR	ROLL-UP	ASTA DOOR CORPORATION, 203 WINDLOCK	8888.1	150
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 3100: +40/-40	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 750: MAX 8'x12' +24.4/-27	21450.9	160
EXTERIOR DOOR	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC., SERIES 750: MAX 10'x12' +19.4/-22.7	21450.10	140
WINDOW	SINGLE HUNG	POCAHONTAS ALUMINUM COMPANY, INC., 100 VS VERTICAL SLIDING WINDOW	12940.1	150
WINDOW	SINGLE HUNG	MI WINDOWS AND DOORS, 185 SH	17499.1-R5	180

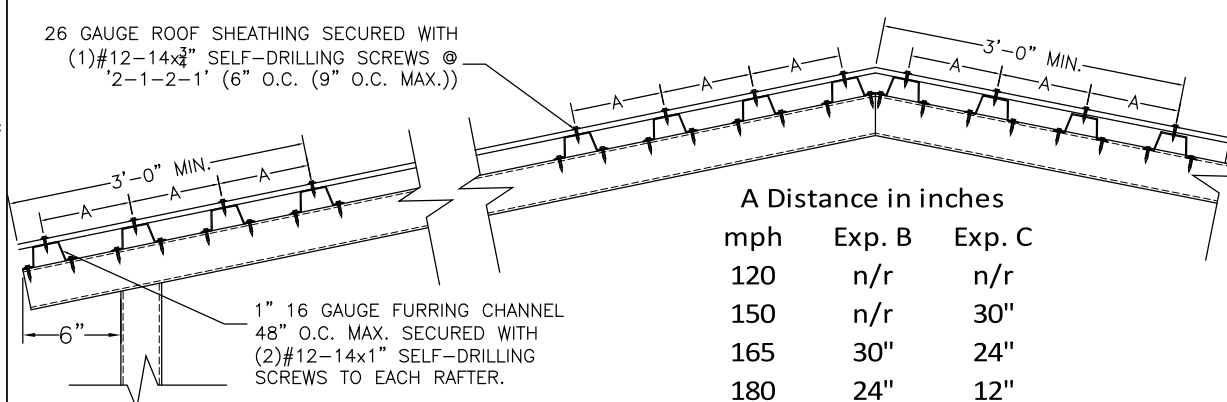
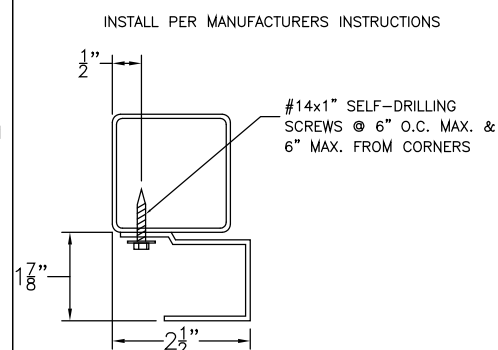
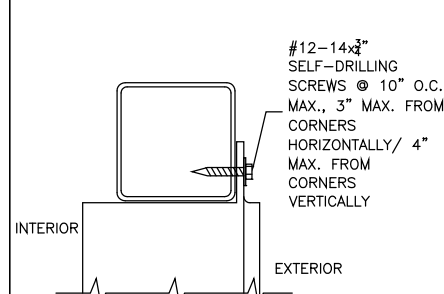
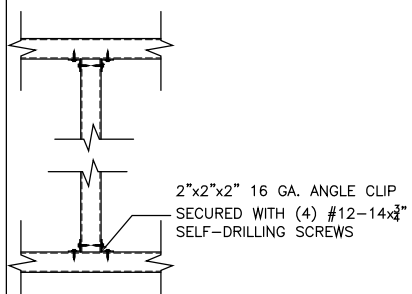
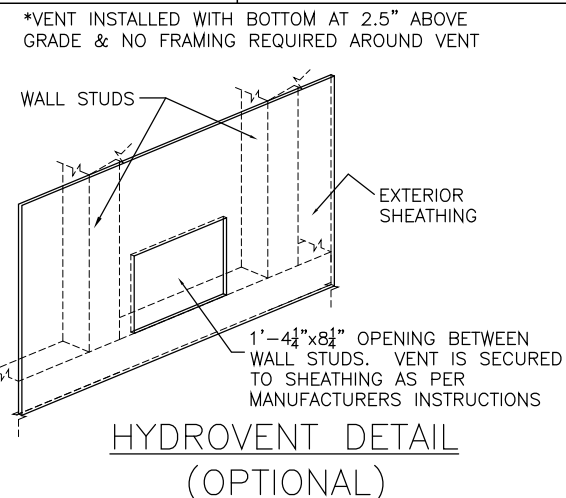
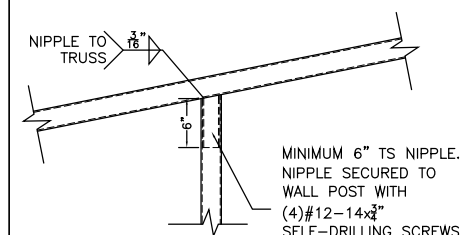
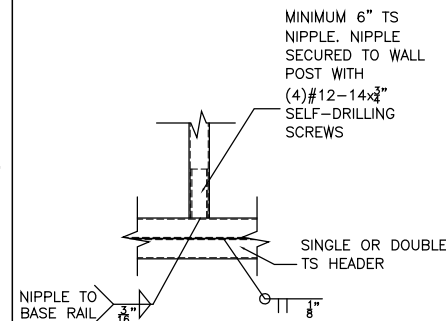
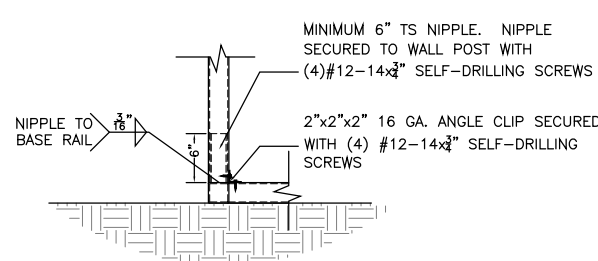
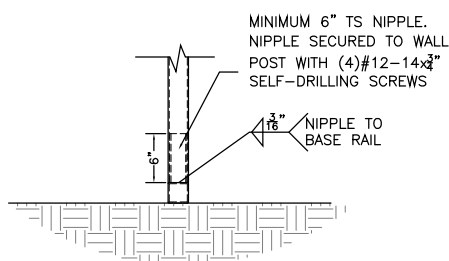
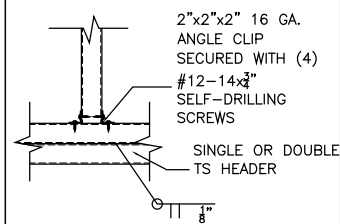
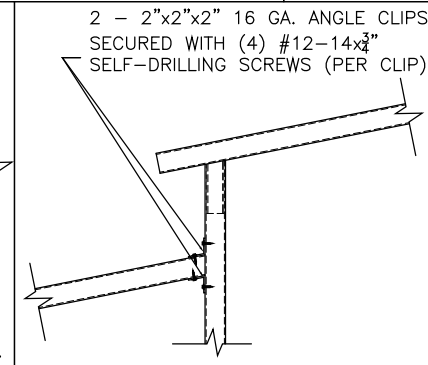
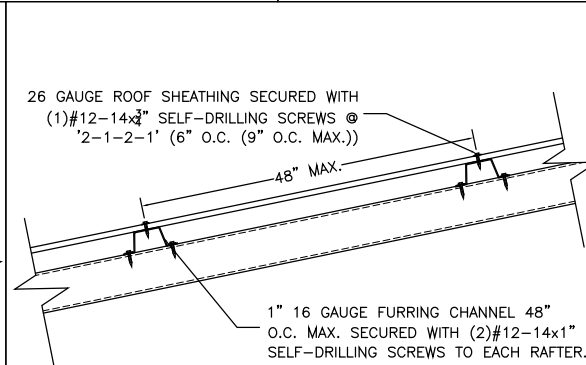
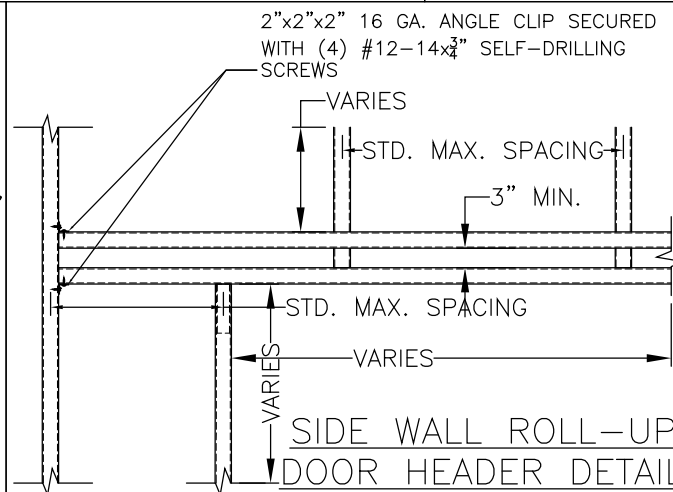
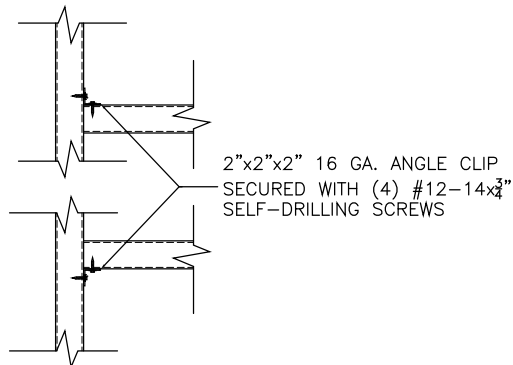
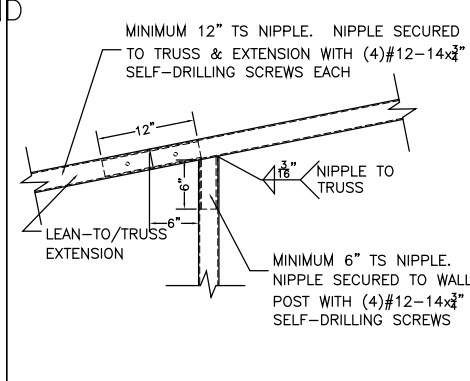
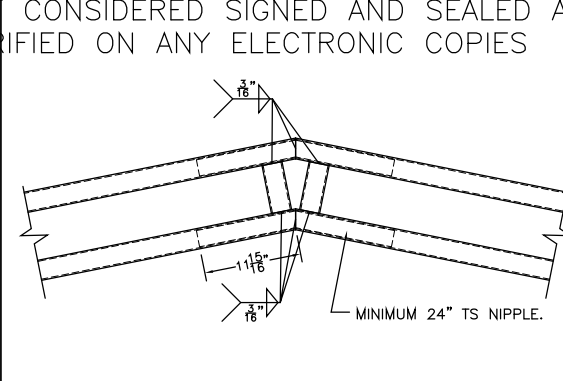
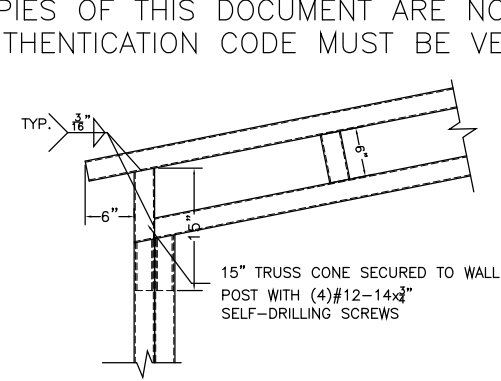
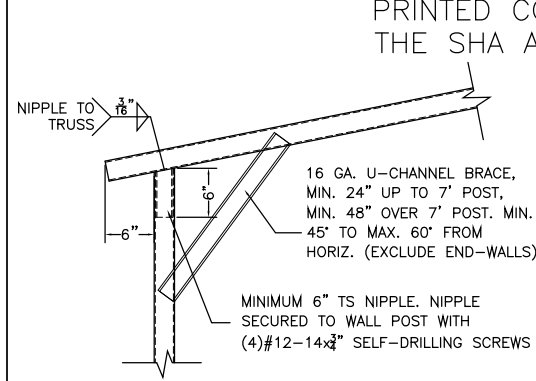
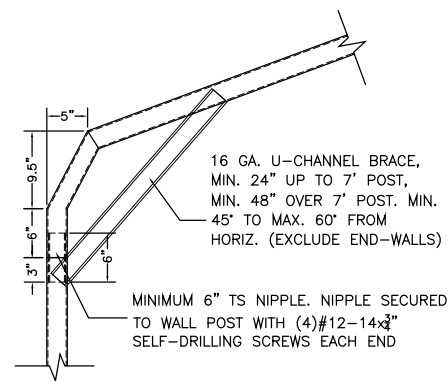
POST/TRUSS MAXIMUM SPACINGS		
ULTIMATE WINDSPEED (MPH)	STRUCTURE WIDTH (FT)	MAXIMUM POST/TRUSS SPACING (FT)
120-150	6-24	5.0
120-150	>24-30	4.0
>150	ALL	4.0

NOTES:

1. NOT APPLICABLE FOR STRUCTURES WITH A MEAN ROOF HEIGHT OVER 20 FEET AND/OR ROOF PITCH STEEPER THAN 6:12
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 $\leq$ 30')	WIND SPEED (MPH)			
SOIL TYPE	$\leq$ 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"

Sheet: CA-1 OF 3



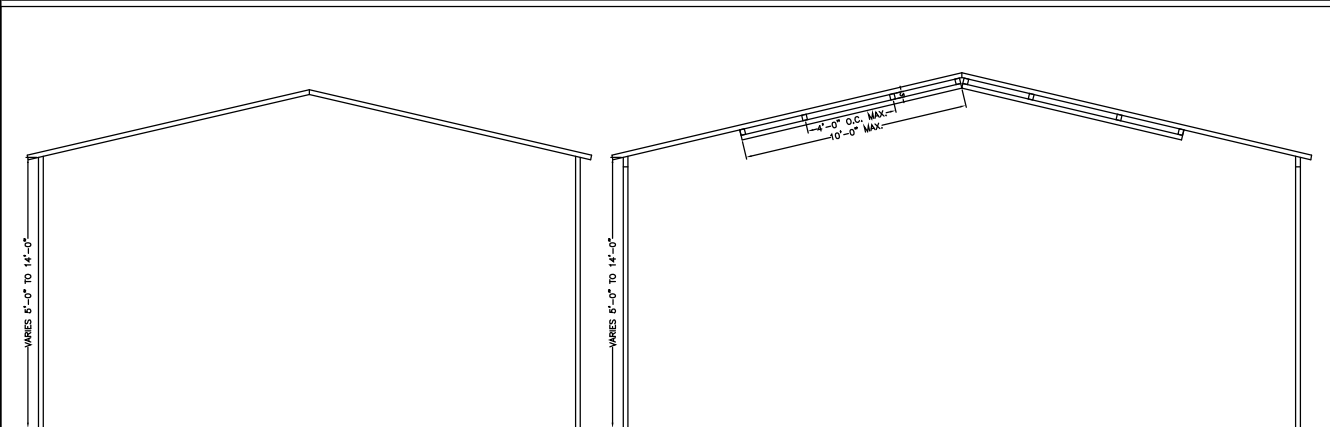
A Distance in inches		
mph	Exp. B	Exp. C
120	n/r	n/r
150	n/r	30"
165	30"	24"
180	24"	12"



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	Var: 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	

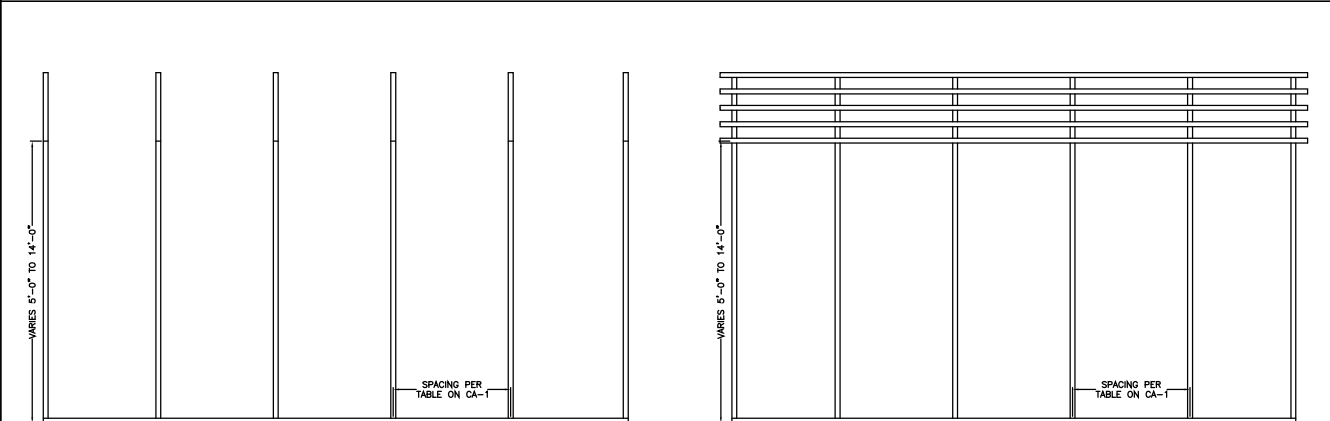
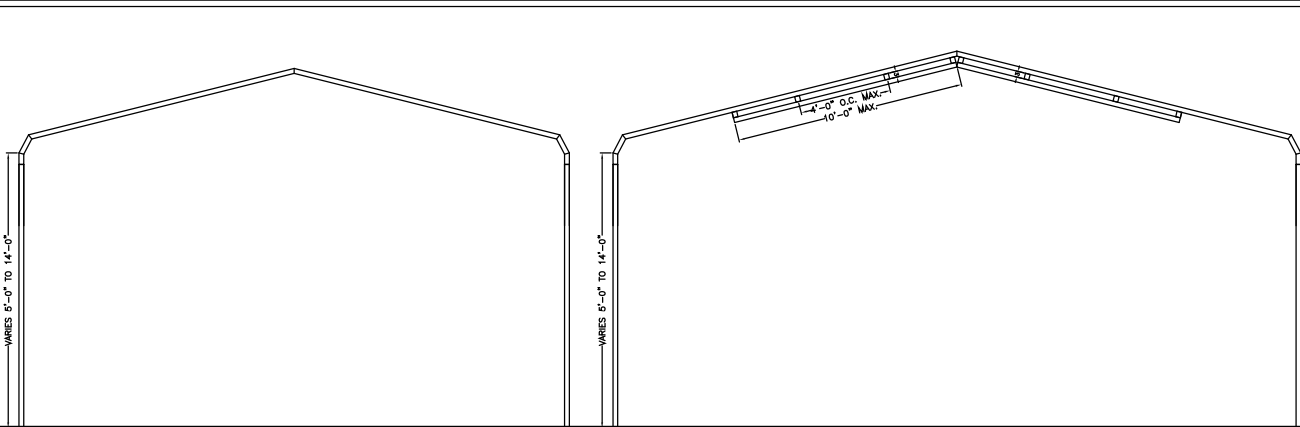
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Drawn By:	MTB
Date:	5/27/20
Location:	FLORIDA
Model#:	ENCLOSED GENERIC ENGINEERING
<u>GENERAL NOTES</u>	
THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2.	
1. ALL STEEL TUBING SHALL BE 50 KSI STEEL.	
2. PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, AND/OR OTHER LOCAL CODE REQUIREMENTS ARE THE RESPONSIBILITY OF THE OWNER.	
4. ROOF AND WALL SHEATHING SECURED WITH 12"-14x1" SELF-DRILLING SCREWS WITH SEAL WASHERS @ 6" O.C. MAX.	
5. FIELD FRAMING CONNECTIONS SECURED WITH 12"-14x3/4" SELF-DRILLING SCREWS.	
6. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED. NO WELDING ONSITE. ALL WELDING DONE IN SHOP BY A CERTIFIED WELDER.	
7. CONCRETE EXPANSIONS ANCHORS ARE TO BE MINIMUM 1/2"x3", 2.500LB TENSILE STRENGTH.	
8. 12 OR 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL.	



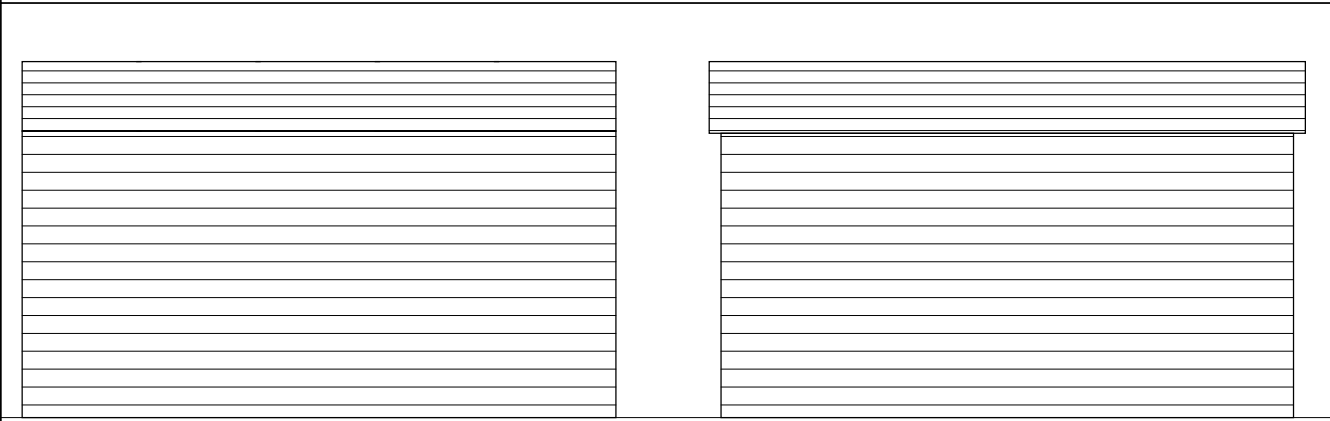
TYPICAL POST/TRUSS FRAMING SECTION –
BOX EAVE, UP TO & INCLUDING 24’ WIDE

TYPICAL POST/TRUSS FRAMING SECTION –
BOX EAVE, 24’-1” TO 30’ WIDE



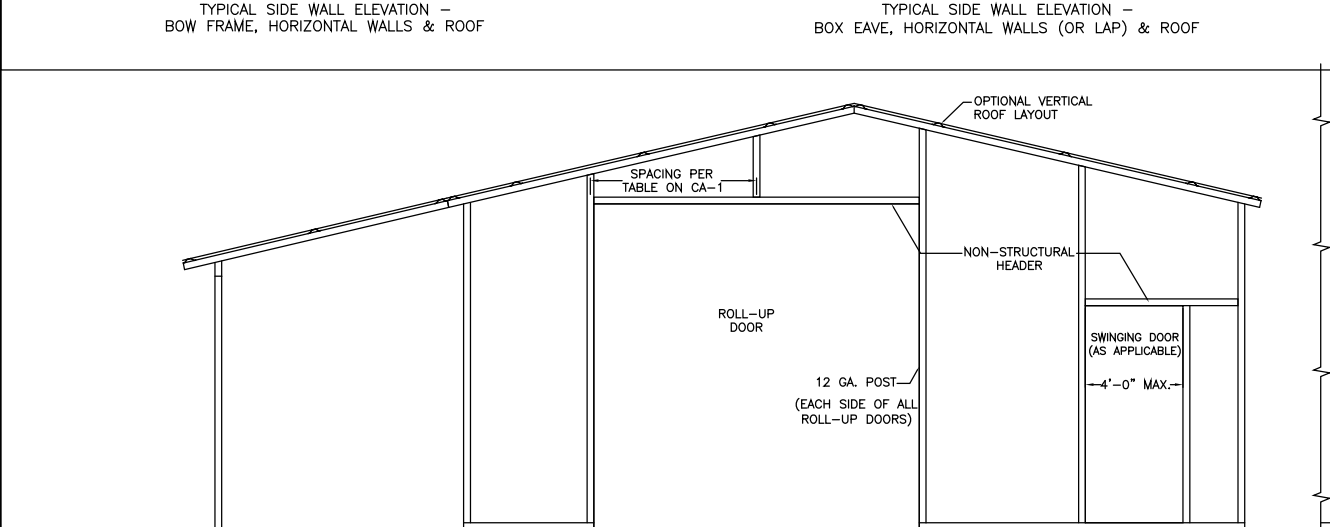
TYPICAL SIDE WALL FRAMING –
BOX EAVE/BOW FRAME, HORIZONTAL ROOF

TYPICAL SIDE WALL FRAMING –
BOX EAVE, VERTICAL ROOF



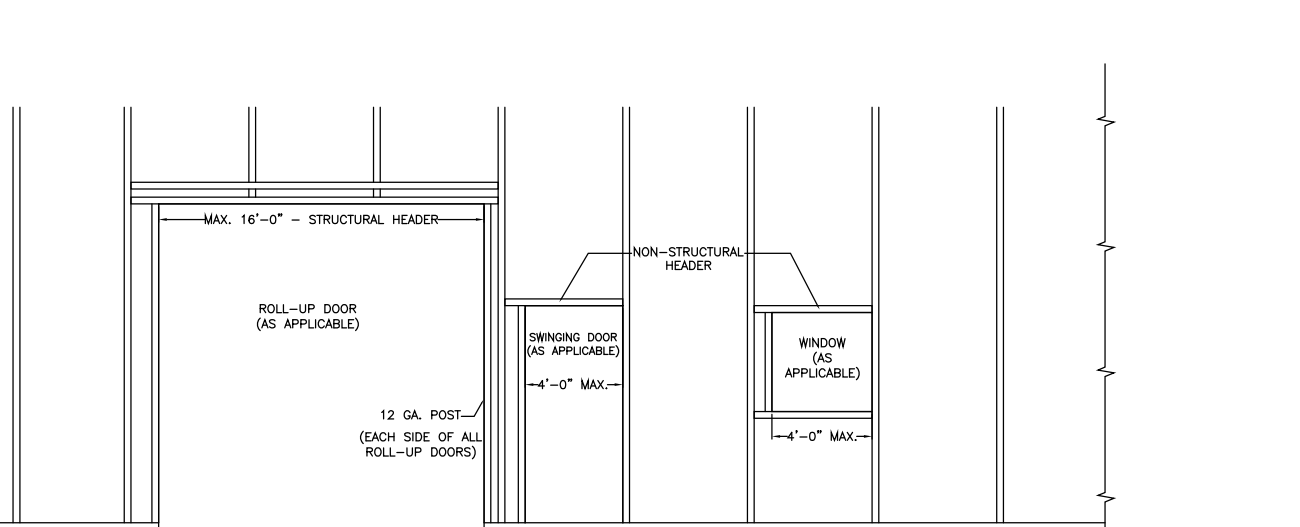
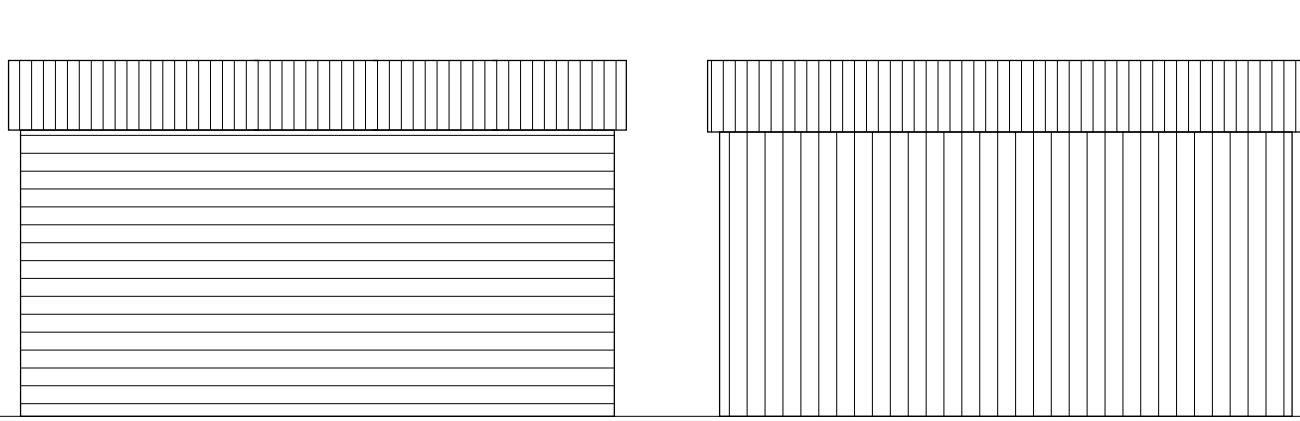
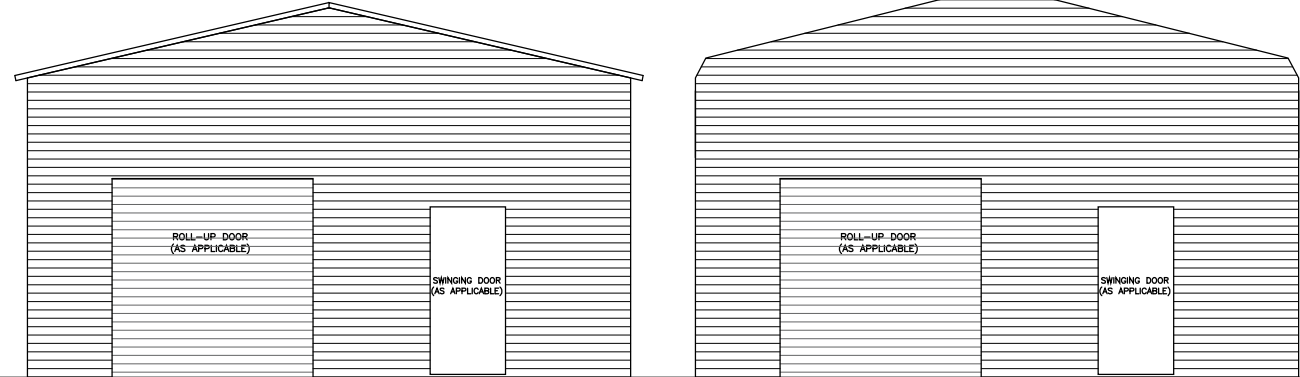
TYPICAL SIDE WALL ELEVATION –
BOW FRAME, HORIZONTAL WALLS & ROOF

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



TYPICAL END ELEVATION

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AUTHENTICATION CODE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES



TYPICAL SIDE WALL ELEVATION



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RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	UTILITY U
BASIC WIND SPEED	Vac: 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
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"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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TITLE: LAYOUT VIEWS