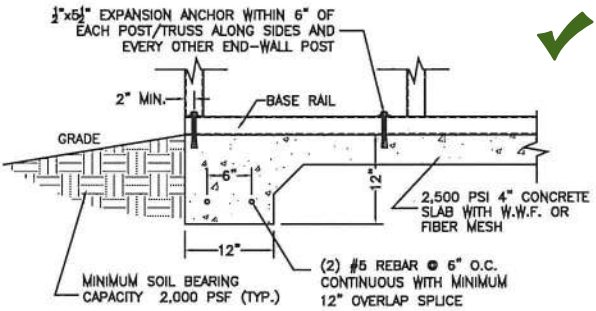
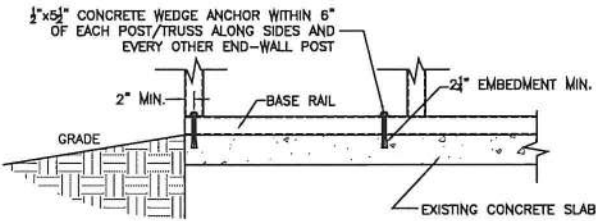


FBC APPROVED PRODUCTS LIST

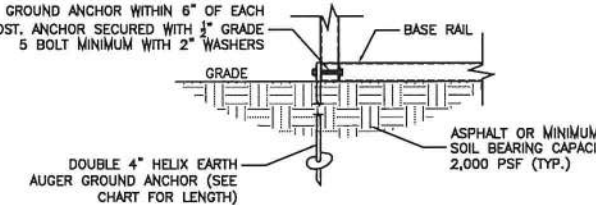
Category	Subcategory	Manufacturer	Approval FL#	Max. Allowable Wind Speed (MPH)
Structural Component	Roof Deck	Carports Anywhere Hampton Rib Roof Panel	27402.1	180
Structural Component	Structural Wall	Carports Anywhere Hampton Rib Wall Panel	27403.1	180
Structural Component	Structural Wall	Carports Anywhere Resi-Lap Siding Wall Panel	27403.2	180
Panel Walls	Wall Louvers (Flood Vent)	Flood Solutions, LLC FS & FS Hex	17588.1	N/A
Exterior Door	Swinging	Elixer Door and Metal Company Series 230 W9 Steel O.S. Door w/ Cottage Window	17996.2	180
Exterior Door	Swinging	Elixer Door and Metal Company 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	Janus International Group, LLC Series 3100	12765.4	180
Exterior Door	Roll-Up	Janus International Group, LLC Series 750	12765.8	140
Window	Single Hung	Pocahontas Aluminum Company, Inc. 100 VS Vertical Sliding Window	12940.1	120
Window	Single Hung	MI Windows and Doors 185 SH	17499.1	180



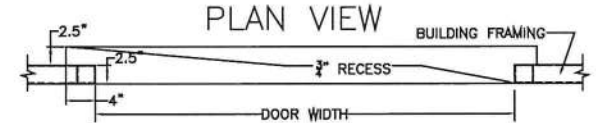
CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



GROUND ANCHOR BASE RAIL DETAIL



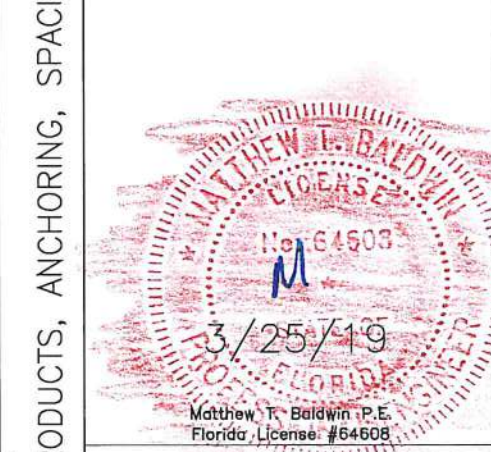
ROLL-UP DOOR CONCRETE SPLASH-GUARD RECESS



CODE INFORMATION			
CODE VERSION	FBC 2017 6th Edition, ASCE-7-10		
MANUFACTURER	CARPORTS ANYWHERE		
BUILDING TYPE	UTILITY STRUCTURE		
CONSTRUCTION TYPE	II-B		
RISK CATEGORY	1		
FIRE PROTECTION	NONE		
FIRE SUPPRESSION SYSTEM	NONE		
OCCUPANCY	STORAGE		
BASIC WIND SPEED	Var: 120-180mph		
EXPOSURE	C		
ENCLOSURE	ENCLOSED		
INTERNAL PRESSURE COEFFICIENT	+/- 0.18		
IMPORTANCE FACTOR	1.15		
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	VARIES		

REVISIONS			
REV	DESCRIPTION	DATE	BY
1	REVISED RUD PRODUCT LIST	3/1/19	MTB
2	GROUND ANCHOR CHART	3/25/19	MTB

Drawn By:	MTB
Date:	1/15/19
Location:	FLORIDA
Model#:	ENCLOSED GENERIC ENGINEERING
GENERAL NOTES 1. THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2. 2. ALL STEEL TUBING SHALL BE 60 KSI STEEL. 3. 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 ON-SITE. ALL WELDING DONE IN SHOP. 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.	



Matthew T. Baldwin, P.E.
Florida License #64603

Sheet: CA-1 OF 3

TITLE: PRODUCTS, ANCHORING, SPACING & CONCRETE DETAILS

Post/Truss Maximum Spacings

Ultimate Wind Speed (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

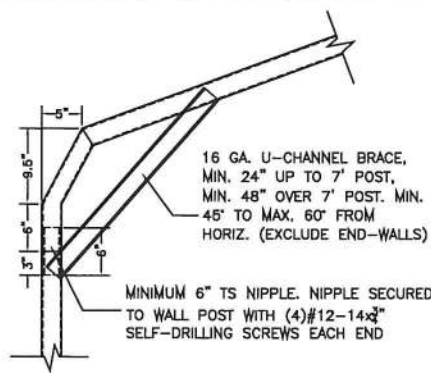
Notes:

- Not applicable for structures with a mean roof height over 20 feet and/or roof pitch steeper than
- Applicable only for any materials listed on the Approved Products Chart and framing indicated in the General Notes and details.

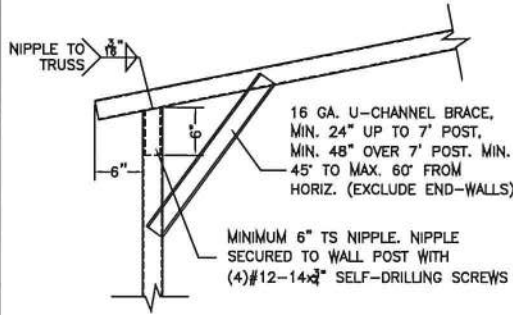
NOTES:
SUB-GRADE SOILS:
-TO BE TREATED AND COVERED WITH 6 MIL VAPOR RETARDANT PER SECTION R318 AND 1818 OF THE 2017 FLORIDA BUILDING CODE, 6TH EDITION
CONCRETE:
-MINIMUM 2,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS
-ALL OPEN AREAS OF CONCRETE OUTSIDE OF THE PROPOSED STRUCTURE SHALL BE DESIGNED TO SLOPE AWAY FROM THE STRUCTURE
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:
-2" 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" FOR FINE GROUT, AND 1 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.

Ground Anchor Length

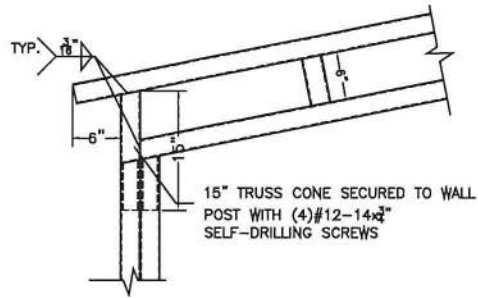
(all building widths ≤30')	Wind Speed (mph)			
Soil Type	≤140	145-155	160-170	175-180
Very dense and/or cemented sand, coarse gravel, cobbles, preloaded silts, clays and Medium dense coarse sands, sandy gravels, very stiff silts and clays	30"	30"	48"	48"
Loose to medium dense sands, firm to stiff clays, silts, and alluvial fill	30"	48"	48"	60"
Loose sands, firm clays, silts, and alluvial fill	48"	48"	60"	60"
	48"	60"	60"*	60"*
* - 2 anchors per post unless soil changes to a more desirable type at half depth or shallower.				



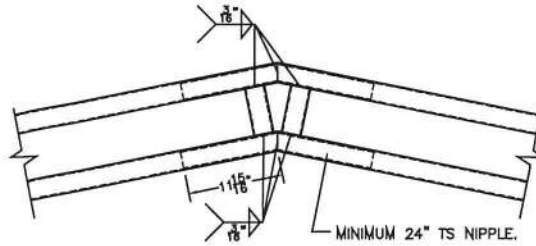
BOW RAFTER TO POST
CONNECTION DETAIL



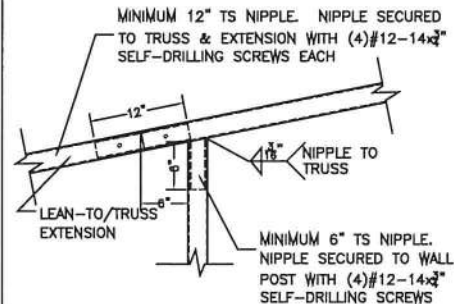
BOX EAVE RAFTER TO
POST CONNECTION DETAIL



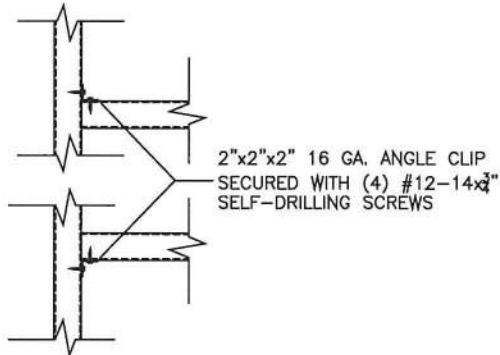
40' BOX EAVE RAFTER TO
POST CONNECTION DETAIL



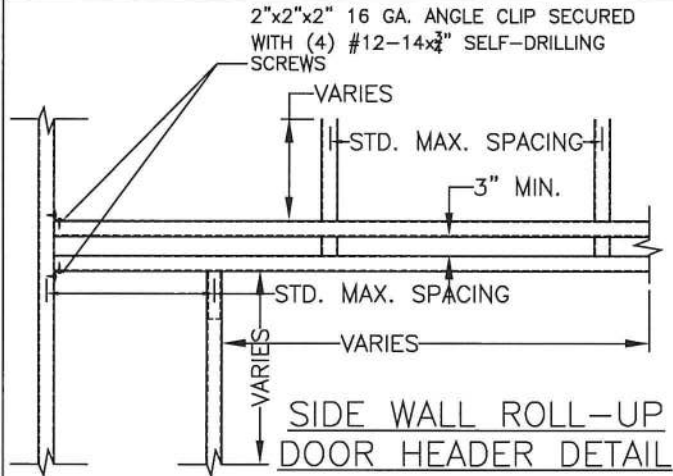
TRUSSED RAFTER
CONNECTION DETAIL



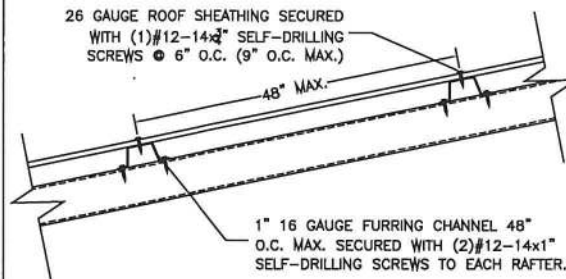
LEAN-TO TO TRUSS
CONNECTION



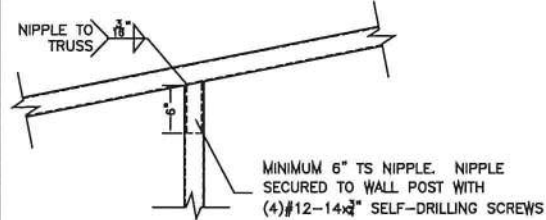
NON-STRUCTURAL HEADER OR
WINDOW RAIL TO POST DETAIL



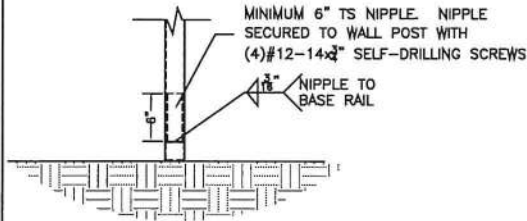
SIDE WALL ROLL-UP
DOOR HEADER DETAIL



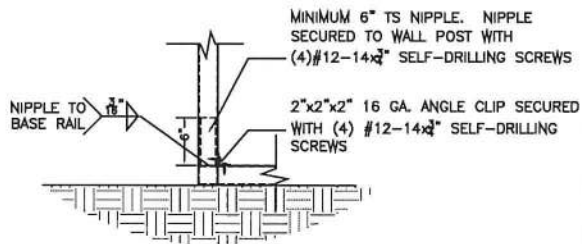
ROOF PANEL CONNECTION
VERTICAL SHEATHING OPTION



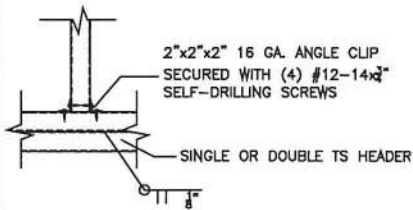
POST TO TRUSS
CONNECTION



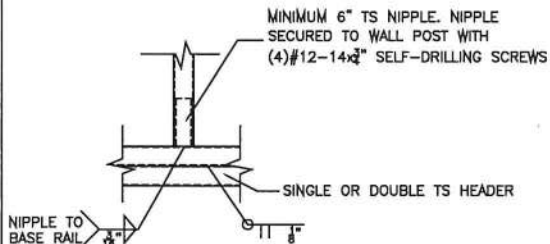
POST TO BASE RAIL
CONNECTION



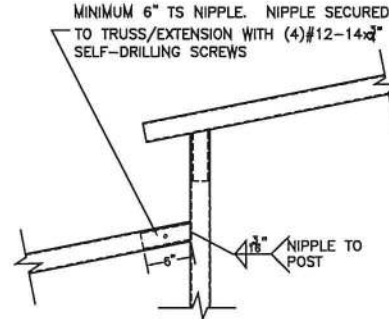
END POST TO BASE RAIL
CONNECTION



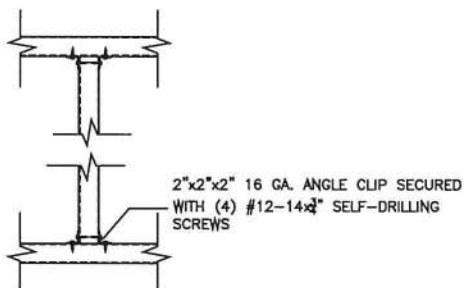
HEADER CONNECTION
DETAIL OPTION 1



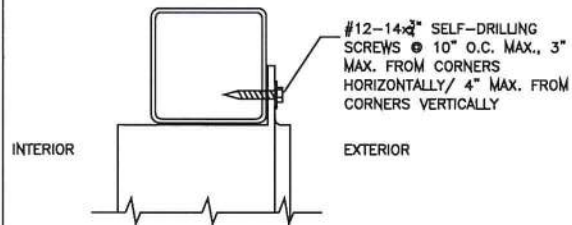
HEADER CONNECTION DETAIL
OPTION 2



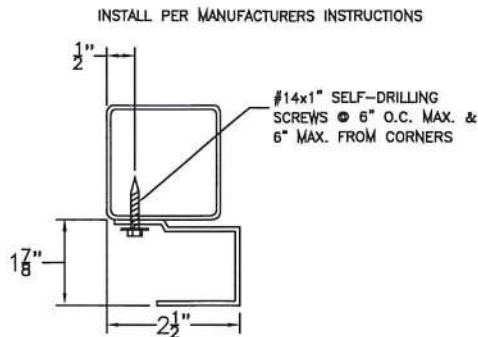
LEAN-TO TO TRUSS
CONNECTION



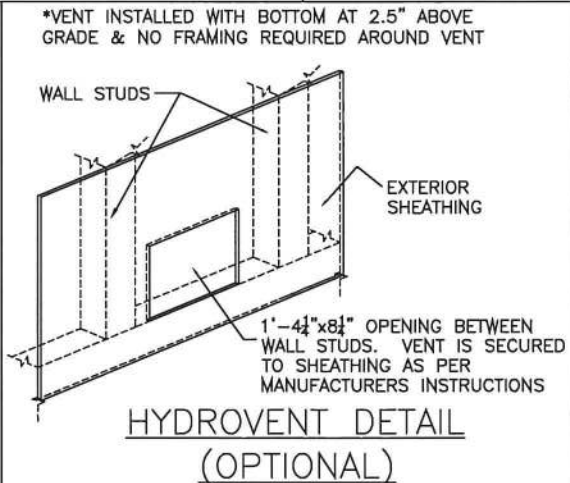
INTERMEDIATE POST TO
HEADER/BASE RAIL/OR
WINDOW RAIL DETAIL



DOOR FRAME TO POST
CONNECTION



ROLL-UP DOOR TO
POST CONNECTION



HYDROVENT DETAIL
(OPTIONAL)



CODE INFORMATION

CODE VERSION	FBC 2017 8th Edition, ASCE-7-10
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	STORAGE
BASIC WIND SPEED	Vac: 120-180mph
EXPOSURE	C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.15
ROOF DEAD LOAD	10PSF
ROOF LIVE LOAD	20PSF OR 300lb POINT LOAD
FLOOR DEAD LOAD	10PSF
FLOOR LIVE LOAD	60PSF
"R" RATING OF WALLS, FLOOR, ROOF	N/A
MODULES PER BUILDING	1
HURRICANE PROTECTION USAGE	NO
HURRICANE SHELTER USAGE	NO
SQUARE FOOTAGE	VARIES

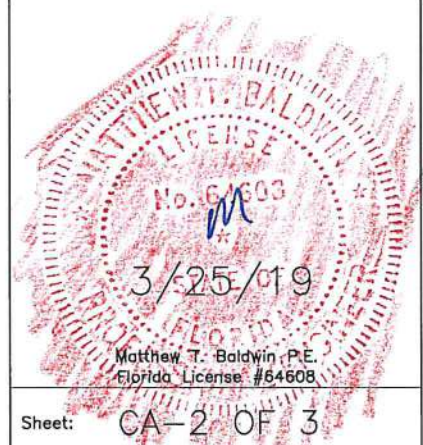
REVISIONS

REV	DESCRIPTION	DATE	BY
1	REVISED RUD PRODUCT LIST	3/1/19	MTB
2	GROUND ANCHOR CHART	3/25/19	MTB

Drawn By:	MTB
Date:	1/15/19
Location:	FLORIDA
Model#:	ENCLOSED GENERIC ENGINEERING

- GENERAL NOTES
1. THIS BUILDING IS EXEMPT FROM THE FBC ENERGY CONSERVATION CODE PER SECTION C101.4.2.
 2. ALL STEEL TUBING SHALL BE 50 KSI STEEL.
 3. 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 ON-SITE. ALL WELDING DONE IN SHOP.
 7. CONCRETE EXPANSION 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.

TITLE:
DETAILS





CODE INFORMATION

CODE VERSION	FBC 2017 8th Edition, ASCE-7-10
MANUFACTURER	CARPORTS ANYWHERE
BUILDING TYPE	UTILITY STRUCTURE
CONSTRUCTION TYPE	II-B
RISK CATEGORY	1
FIRE PROTECTION	NONE
FIRE SUPPRESSION SYSTEM	NONE
OCCUPANCY	STORAGE
BASIC WIND SPEED	Vac: 120-180mph
EXPOSURE	C
ENCLOSURE	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
IMPORTANCE FACTOR	1.15
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	VARIES

REVISIONS

REV	DESCRIPTION	DATE	BY
1	REVISED RUD PRODUCT LIST	3/1/19	MTB
2	GROUND ANCHOR CHART	3/25/19	MTB

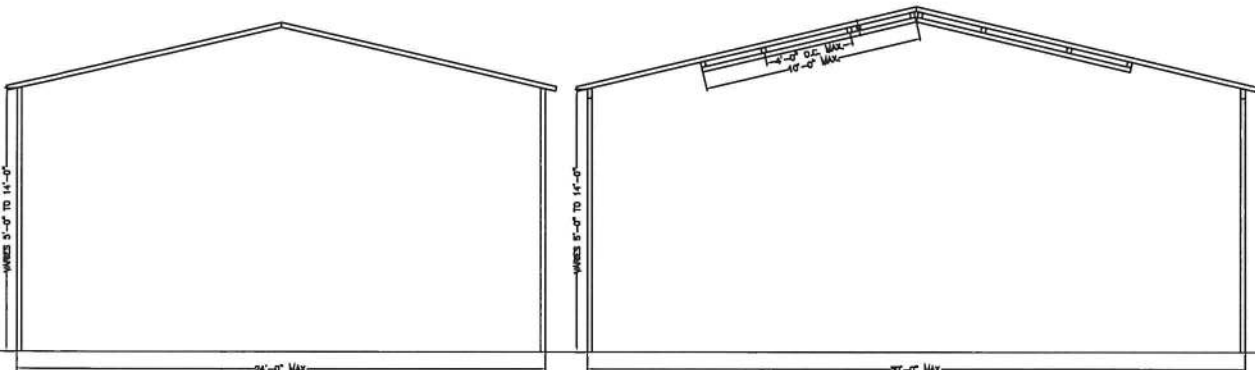
Drawn By: MTB
Date: 1/15/19
Location: FLORIDA
Model#: ENCLOSED GENERIC ENGINEERING

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6. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED. NO WELDING ON-SITE. ALL WELDING DONE IN SHOP.
7. CONCRETE EXPANSION ANCHORS ARE TO BE MINIMUM 1/2"x3", 2,600LB TENSILE STRENGTH.
8. 12 OR 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL NIPPLES ARE 2.25"x2.25" TUBE STEEL.

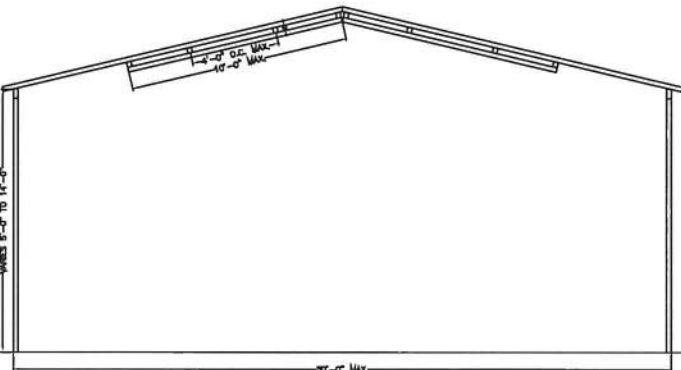
TITLE: LAYOUT VIEWS



Sheet: CA-3 OF 3



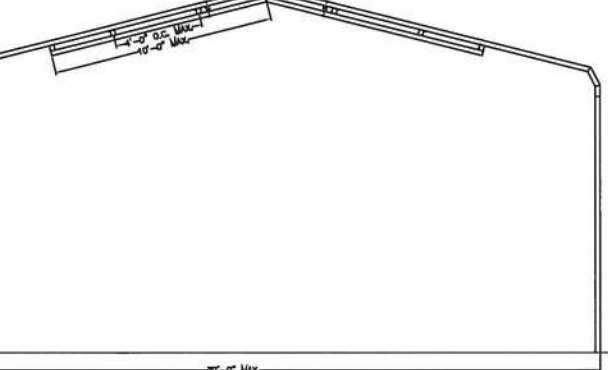
TYPICAL POST/TRUSS FRAMING SECTION -
BOX EAVE, UP TO & INCLUDING 24' WIDE



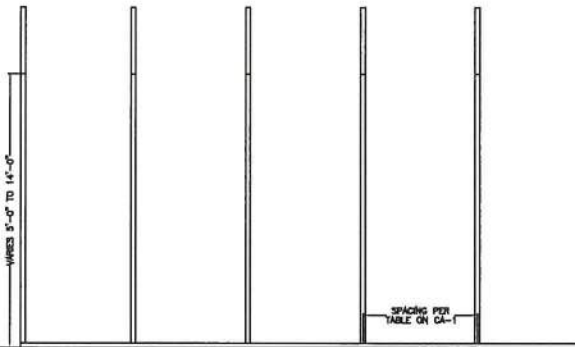
TYPICAL POST/TRUSS FRAMING SECTION -
BOX EAVE, 24'-1" TO 30' WIDE



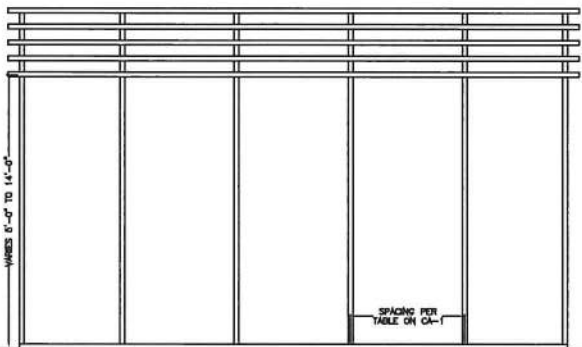
TYPICAL POST/TRUSS FRAMING SECTION -
BOW FRAME, UP TO & INCLUDING 24' WIDE



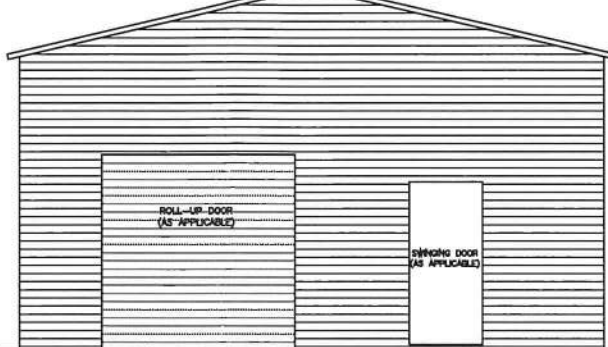
TYPICAL POST/TRUSS FRAMING SECTION -
BOW FRAME, 24'-1" TO 30' WIDE



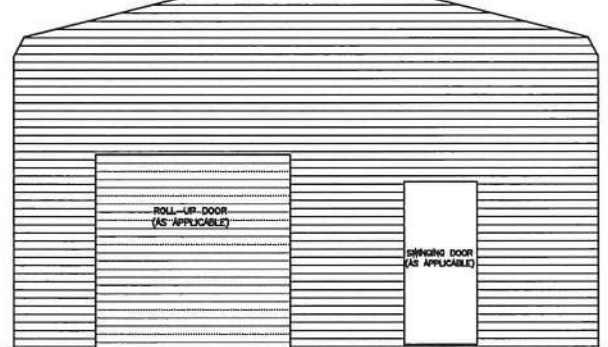
TYPICAL SIDE WALL FRAMING -
BOX EAVE/BOW FRAME, HORIZONTAL ROOF



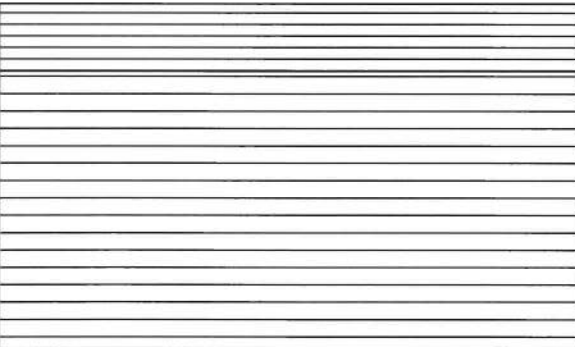
TYPICAL SIDE WALL FRAMING -
BOX EAVE, VERTICAL ROOF



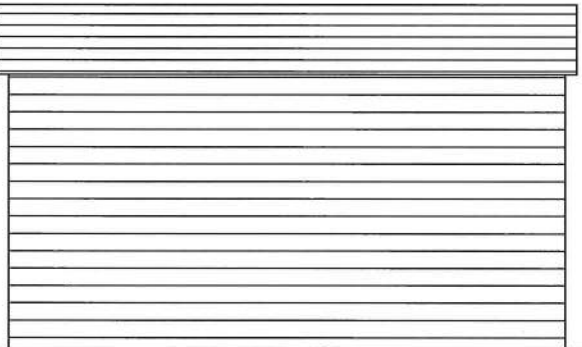
TYPICAL END ELEVATION -
BOX EAVE



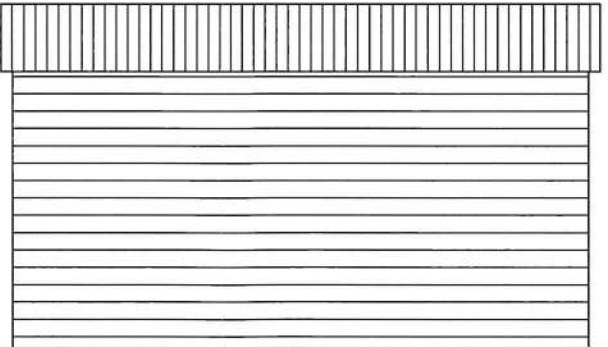
TYPICAL END ELEVATION -
BOW FRAME



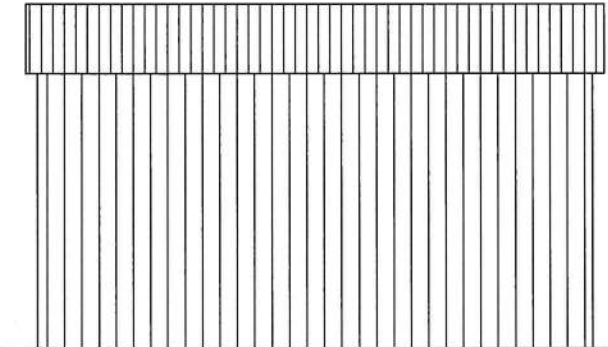
TYPICAL SIDE WALL ELEVATION -
BOW FRAME, HORIZONTAL WALLS & ROOF



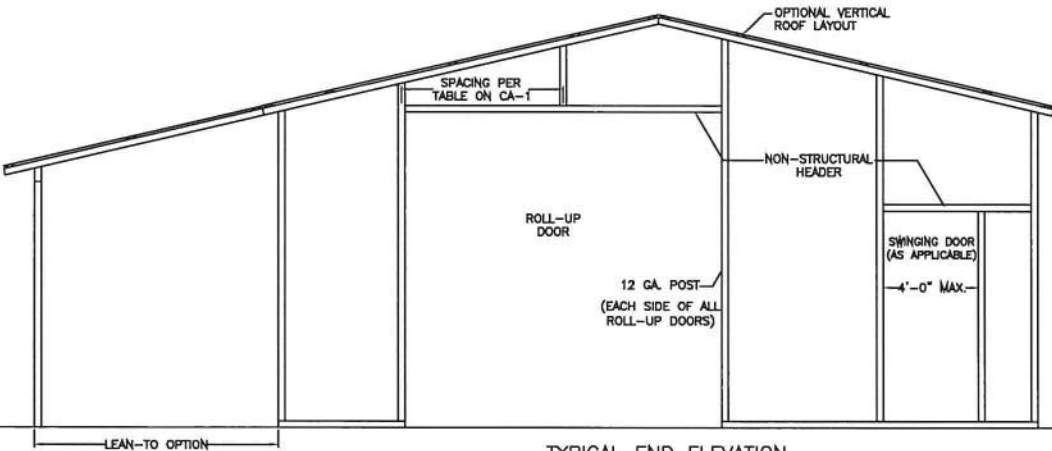
TYPICAL SIDE WALL ELEVATION -
BOX EAVE, HORIZONTAL WALLS (OR LAP) & ROOF



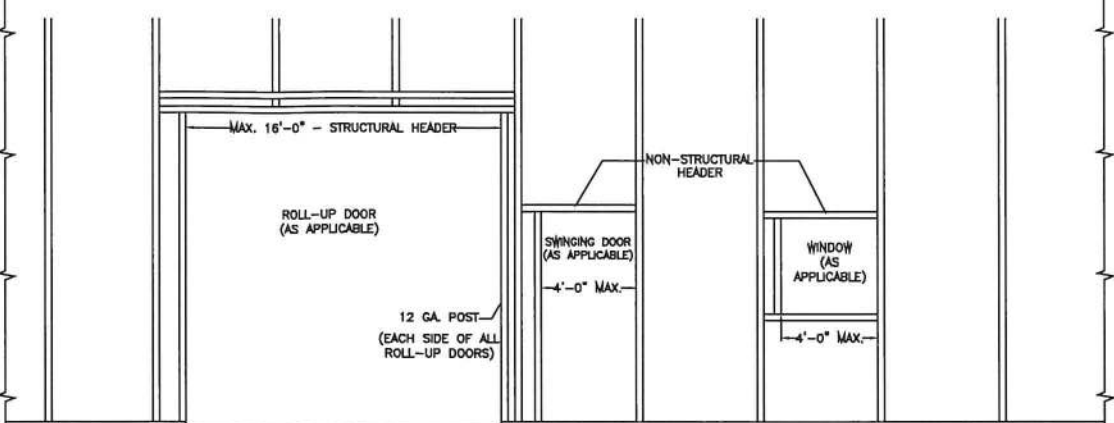
TYPICAL SIDE WALL ELEVATION -
BOX EAVE, HORIZONTAL WALLS (OR LAP)/VERTICAL ROOF



TYPICAL SIDE WALL ELEVATION -
BOX EAVE, VERTICAL WALLS & ROOF



TYPICAL END ELEVATION



TYPICAL SIDE WALL ELEVATION