

FBC APPROVED PRODUCT LIST

| CATEGORY | SUBCATEGORY | MANUFACTURER & PRODUCT | APPROVAL NUMBER | MAX ALLOWABLE WINDSPEED (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 LOUVER (FLOOD VENT) | FLOOD SOLUTIONS, LLC., FS & FS HEX | 17588.1 | N/A |
| EXTERIOR DOOR | SWINGING | ELIXER DOOR & METAL CO. SERIES 407 VINYL STEEL OUT-SWINGING REGULAR DOOR - BLANK (NO WINDOW) | 17996.5 | 180 |
| EXTERIOR DOOR | ROLL-UP | JANUS INTERNATIONAL GROUP LLC. SERIES 3100: +42 5/-46 | 21450.3 | 180 |
| EXTERIOR DOOR | ROLL-UP | JANUS INTERNATIONAL GROUP, LLC. SERIES 3652. +36/-40 | 21450.6 | 180 |
| EXTERIOR DOOR | ROLL-UP | JANUS INTERNATIONAL GROUP LLC. SERIES 750: MAX 3'x12' +36/-46 | 21450.8 | 180 |
| EXTERIOR DOOR | ROLL-UP | JANUS INTERNATIONAL GROUP, LLC. SERIES 750: MAX 6'x12' +19.9/-24.4 | 21450.9 | 140 |
| EXTERIOR DOOR | ROLL-UP | JANUS INTERNATIONAL GROUP, LLC. SERIES 750: MAX 8'x12' +24.4/-27 | 21450.10 | 160 |
| EXTERIOR DOOR | ROLL-UP | JANUS INTERNATIONAL GROUP, LLC. SERIES 750: MAX 10'x12' +19.4/-22.7 | 21450.11 | 140 |
| EXTERIOR DOOR | SINGLE HUNG | CGI WINDOWS AND DOORS MODEL SH-4100A | 23358.2 | 180 |
| WINDOW | SINGLE HUNG | POCOHONTAS ALUMINUM COMPANY INC., MODEL 100VS | 12940 | 150 |

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

NOTES:

SUB-GRADE SOILS:

- TO BE TERMITE TREATED PER SECTION 1816
- ANY FILL DIRT COMPACTED TO MINIMUM 95% 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:

- 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.

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.

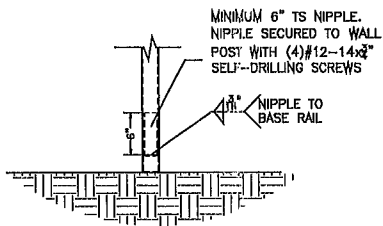
THESE STRUCTURES ARE DESIGNED AS NON-HABITABLE UTILITY/STORAGE BUILDINGS (RISK CATEGORY I) CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE AND APPLICABLE LIVE AND WIND LOADS. IMPROVEMENTS NOT SPECIFICALLY ADDRESSED HEREIN, INCLUDING DOORS, WINDOWS, OR OTHER COMPONENTS NOT LISTED IN THE FBC APPROVED PRODUCTS LIST (THIS SHEET), 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.

BASE RAIL GROUND ANCHOR REQUIREMENTS: ONE WITHIN 6" OF EVERY POST LOCATION, AND BOTH SIDES OF OPENINGS WHERE BASE RAIL IS ABSENT. GROUND ANCHORS ARE NOT REQUIRED FOR CONCRETE FOOTING AND/OR CONCRETE SLAB CONSTRUCTION. SEE GROUND ANCHOR SCHEDULE (THIS SHEET) FOR SPECIFIC TYPE GROUND ANCHOR REQUIREMENTS.

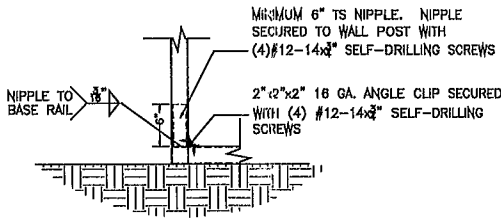
ANY FILL DIRT NEEDED FOR THE FOUNDATION IS TO BE COMPACTED TO 95%.

GROUND ANCHOR LENGTH

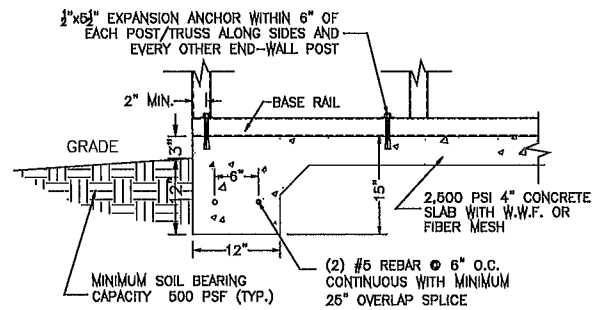
| (ALL BUILDING WIDTHS ≤ 30') | WIND SPEED (MPH) | | | |
|---|------------------|---------|---------|---------|
| SOIL TYPE | ≤ 140 | 145-155 | 160-170 | 175-180 |
| VERY DENSE AND/OR CEMENTED SAND, COARSE GRAVEL, COBBLES, PRELOADED SILTS, CLAYS AND CORAL | 30' | 30' | 48" | 48" |
| MEDIUM DENSE COARSE 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" |



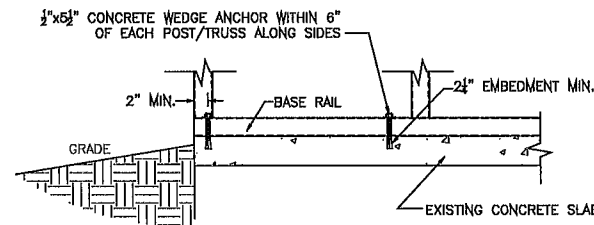
POST TO BASE RAIL CONNECTION



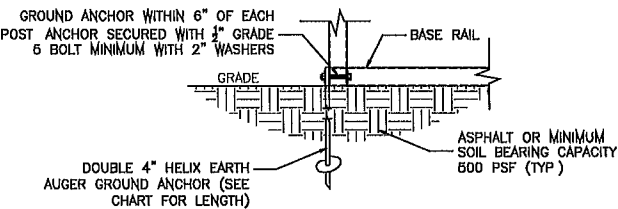
END POST TO BASE RAIL CONNECTION



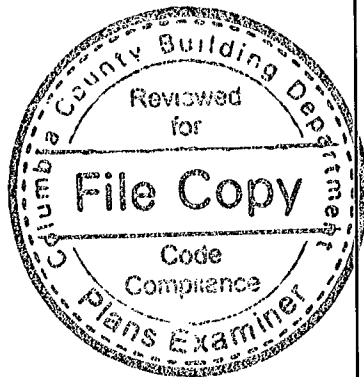
CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



CONCRETE FOUNDATION/BASE RAIL ANCHOR DETAIL



GROUND ANCHOR BASE RAIL DETAIL



CODE INFORMATION

| | |
|----------------------------------|---------------------------------|
| CODE VERSION | FBC 2023 8th Edition, ASCE-7-22 |
| 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 | 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 |
| 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 | |

REVISIONS

| REV | DESCRIPTION | DATE | BY |
|-----|--------------------------------|---------|-----|
| 1 | HEADER SPLICE, FILL COMPACTION | 8/16/22 | MTB |
| 2 | PRODUCT #'s, NOTES | 1/30/23 | MTB |
| 3 | FOOTER HEIGHT | 2/23/23 | MTB |
| 4 | 2023 FBC | 2/19/23 | MTB |

Drawn By: MTB

Date: 5/27/20

Location: FLORIDA

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. FIELD FRAMING CONNECTIONS SECURED WITH #12-14x3/4" SELF-DRILLING SCREWS.
 5. ALL SHOP FRAMING CONNECTIONS ARE TO BE WELDED. NO WELDING ON-SITE. ALL WELDING DONE IN SHOP BY A CERTIFIED WELDER
 6. CONCRETE EXPANSIONS ANCHORS ARE TO BE MINIMUM 1/2"x6.5", 2,500LB TENSILE STRENGTH.
 7. 14GA. FRAMING IS 2.5"x2.5" TUBE STEEL. NIPPLES ARE 2.25"x2.25" TUBE STEEL. 12GA. FRAMING IS 2.25"x2.25" TUBE STEEL. NIPPLES ARE 2.0"x2.0" TUBE STEEL.

12/19/23

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

Sheet: CA-1 OF 3

PRODUCTS, ANCHORING, SPACING & CONCRETE DETAILS



CODE INFORMATION

| | |
|----------------------------------|---------------------------------|
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| MANUFACTURER | CARPORTS ANYWHERE |
| BUILDING TYPE | UTILITY STRUCTURE |
| CONSTRUCTION TYPE | II-B |
| RISK CATEGORY | I |
| FIRE PROTECTION | NONE |
| FIRE SUPPRESSION SYSTEM | NONE |
| OCCUPANCY | UTILITY U |
| BASIC WIND SPEED | V _W : 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 | 60PSF |
| "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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| 2 | PRODUCT #'s, NOTES | 1/30/23 | MTB |
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| | |
|-----------|---------|
| Drawn By: | MTB |
| Date: | 5/27/20 |
| Location: | FLORIDA |

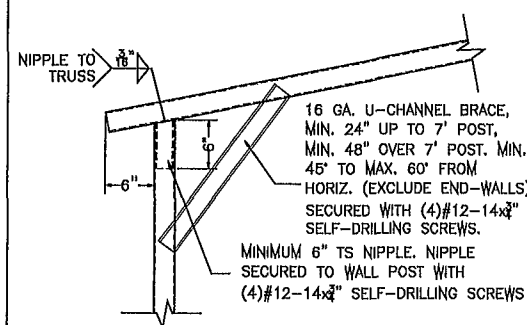
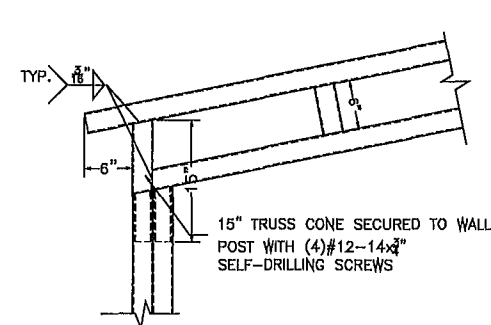
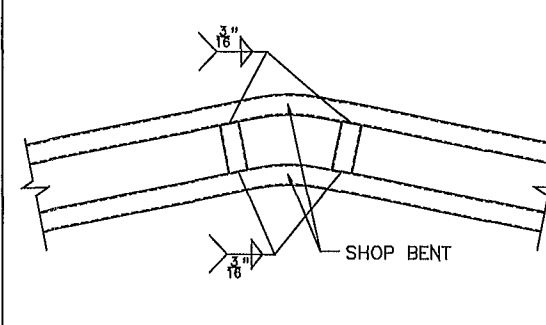
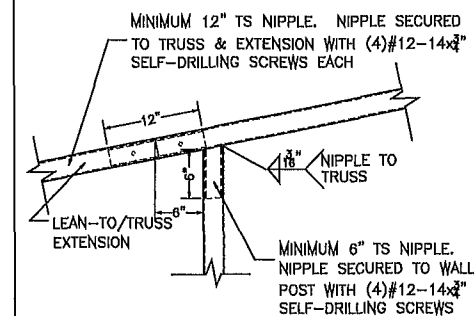
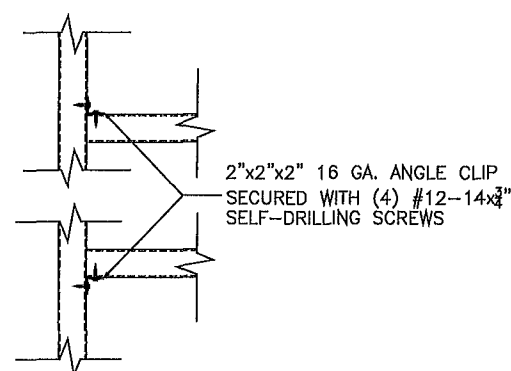
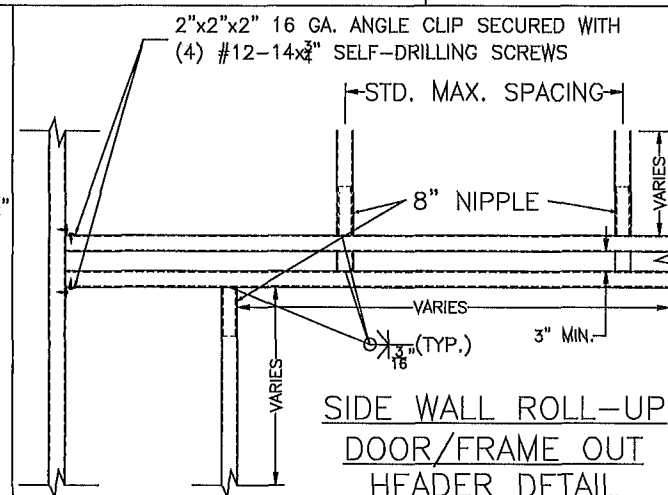
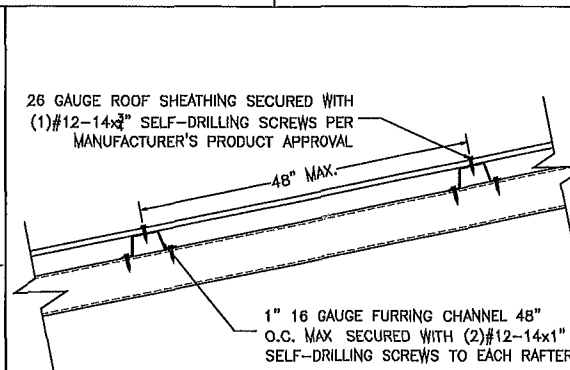
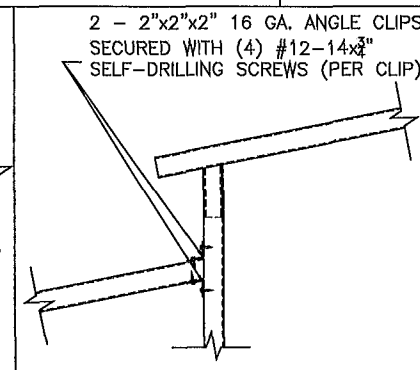
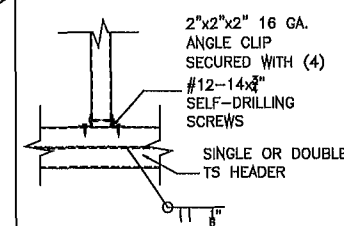
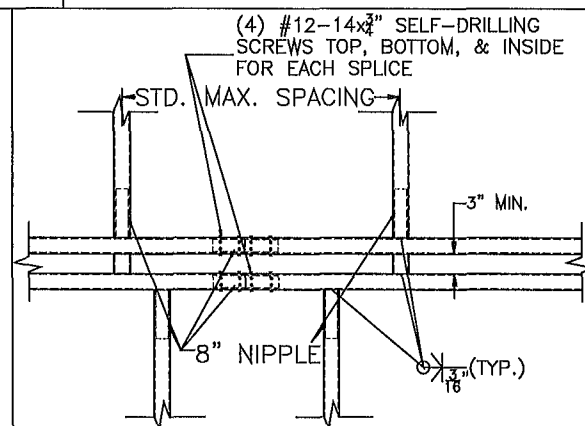
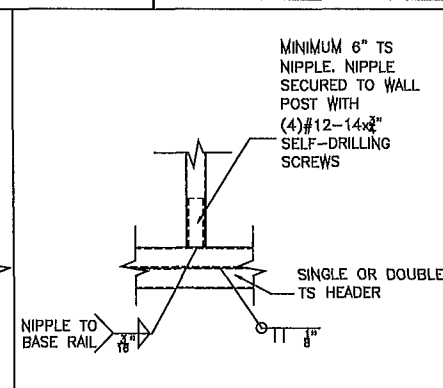
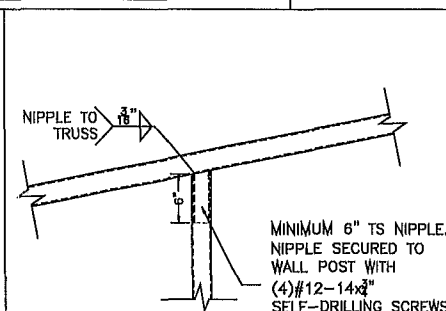
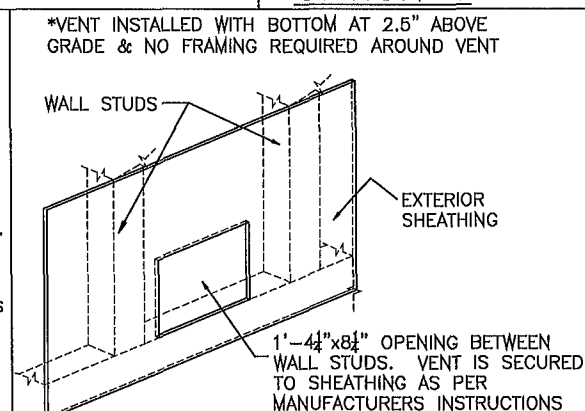
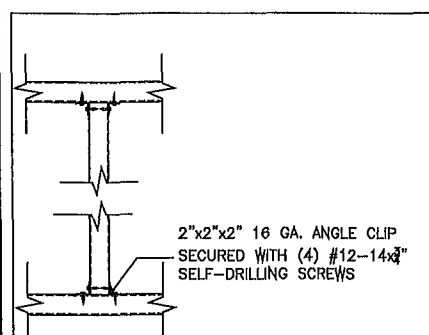
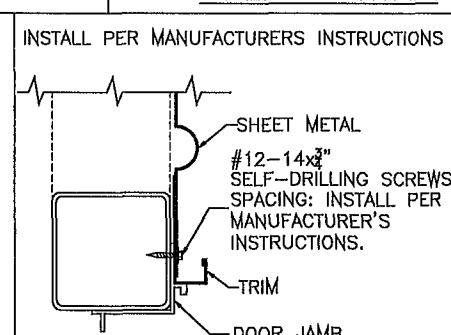
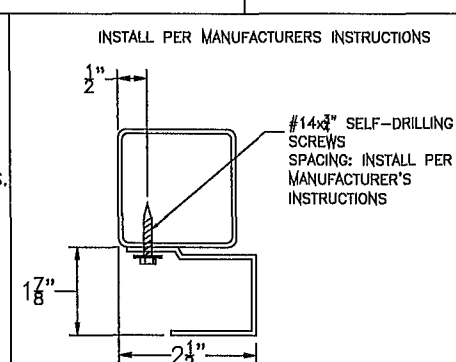
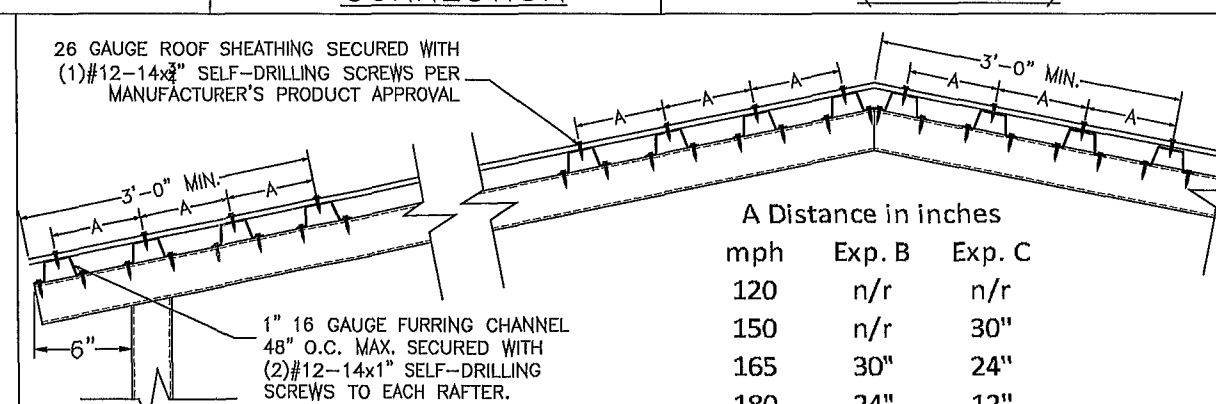
ENCLOSED GENERIC ENGINEERING

- GENERAL NOTES**
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12/19/23

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Florida License #64608

Sheet: CA-2 OF 3

BOX EAVE RAFTER TO
POST CONNECTION DETAIL40' BOX EAVE RAFTER TO
POST CONNECTION DETAILTRUSSED RAFTER
CONNECTION DETAILLEAN-TO TO TRUSS
CONNECTIONNON-STRUCTURAL HEADER OR
WINDOW RAIL TO POST DETAILSIDE WALL ROLL-UP
DOOR/FRAME OUT
HEADER DETAILROOF PANEL CONNECTION
VERTICAL SHEATHING OPTIONLEAN-TO TO TRUSS
CONNECTIONHEADER
CONNECTION
DETAIL
OPTION 1SIDE WALL HEADER
SPLICE DETAILHEADER CONNECTION
DETAIL OPTION 2POST TO TRUSS
CONNECTIONHYDROVENT DETAIL
(OPTIONAL)INTERMEDIATE POST TO
HEADER/BASE RAIL/OR
WINDOW RAIL DETAILDOOR FRAME TO POST
CONNECTIONROLL-UP DOOR TO
POST CONNECTIONEAVE & RIDGE REINFORCED ROOF PANEL CONNECTION
(RIDGE 3r AND EAVE 3e)

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 2023 8th Edition ASCE-7-22 |
| 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 | V _W : 120-180mph |
| EXPOSURE | B/C |
| ENCLOSURE | ENCLOSED |
| INTERNAL PRESSURE COEFFICIENT | +/- 0.18 |
| IMPORTANCE FACTOR | 1.0 |
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| MODULES PER BUILDING | 1 |
| HURRICANE PROTECTION USAGE | NO |
| HURRICANE SHELTER USAGE | NO |
| SQUARE FOOTAGE | |

REVISIONS

| REV | DESCRIPTION | DATE | BY |
|-----|--------------------------------|---------|-----|
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| | |
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| Date: | 5/27/20 |
| Location: | FLORIDA |

ENCLOSED GENERIC ENGINEERING

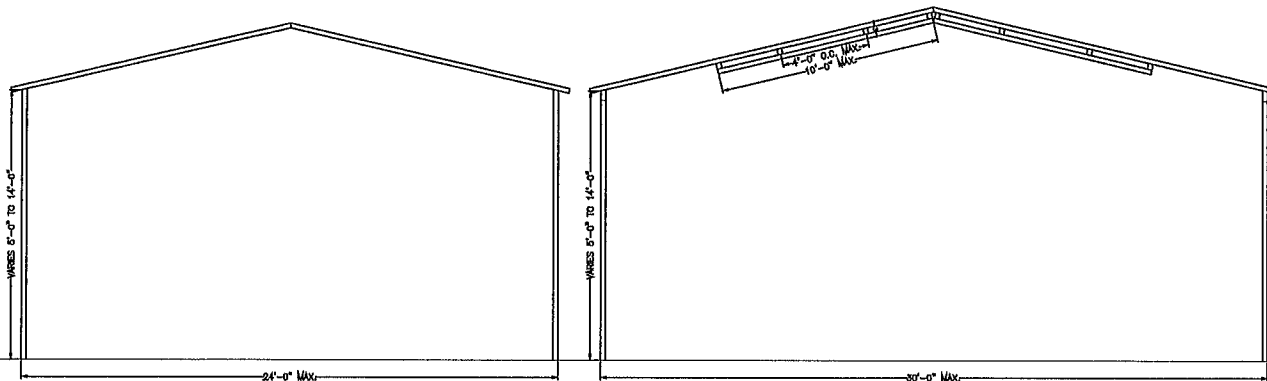
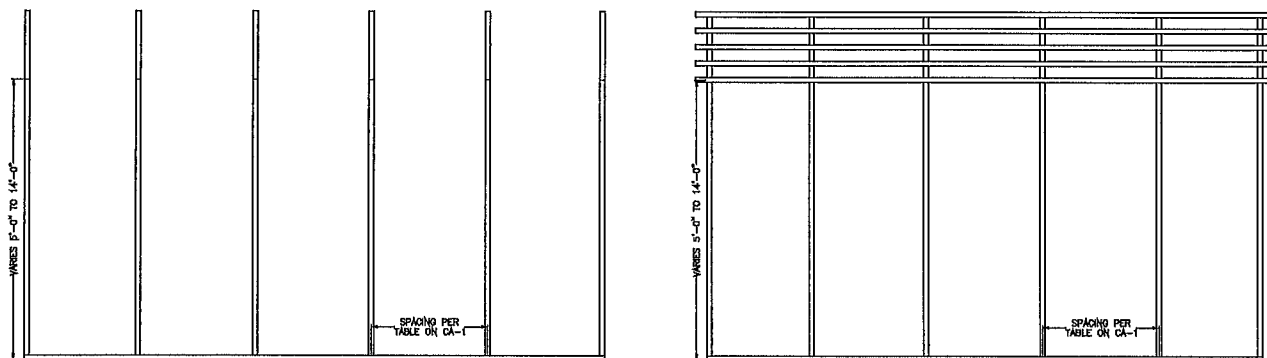
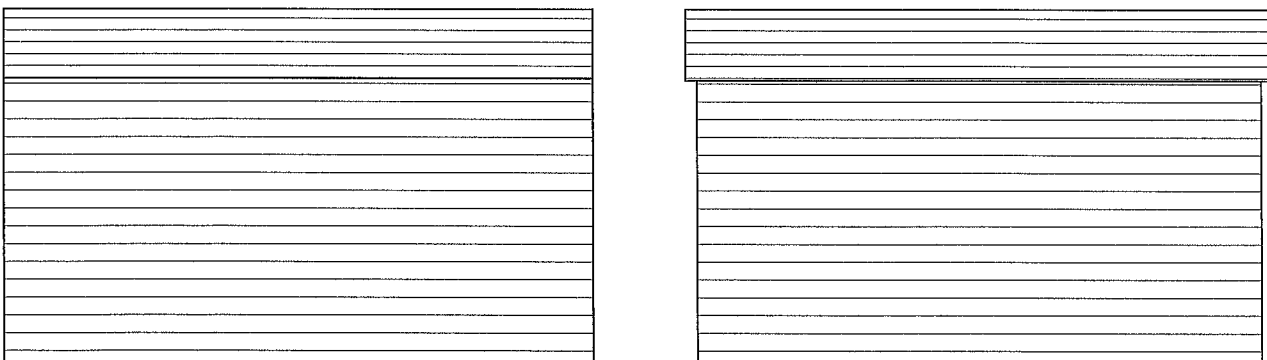
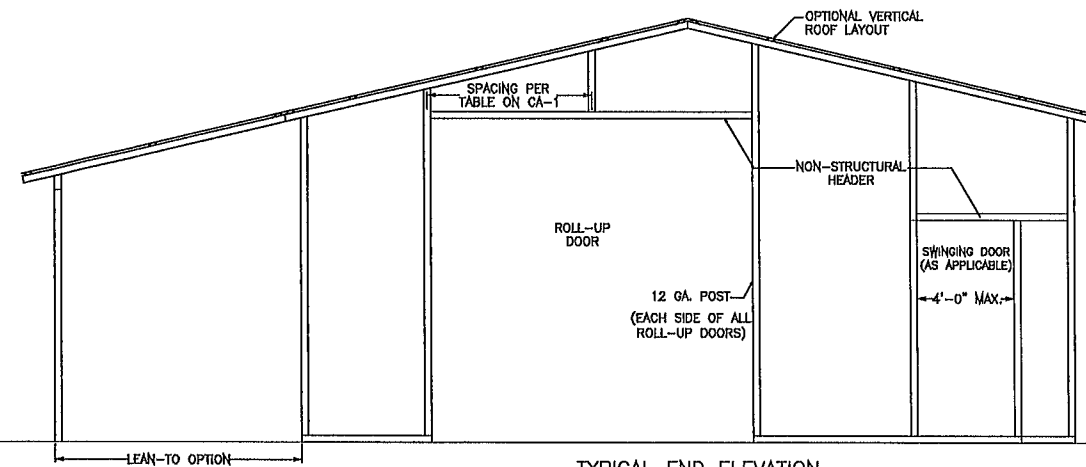
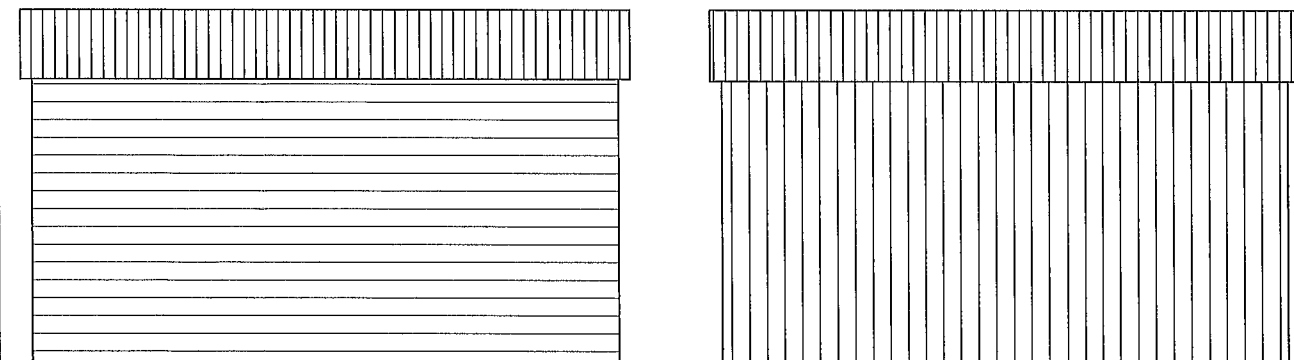
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- CONCRETE EXPANSIONS ANCHORS ARE TO BE MINIMUM 1/2"x5.5", 2,600LB TENSILE STRENGTH
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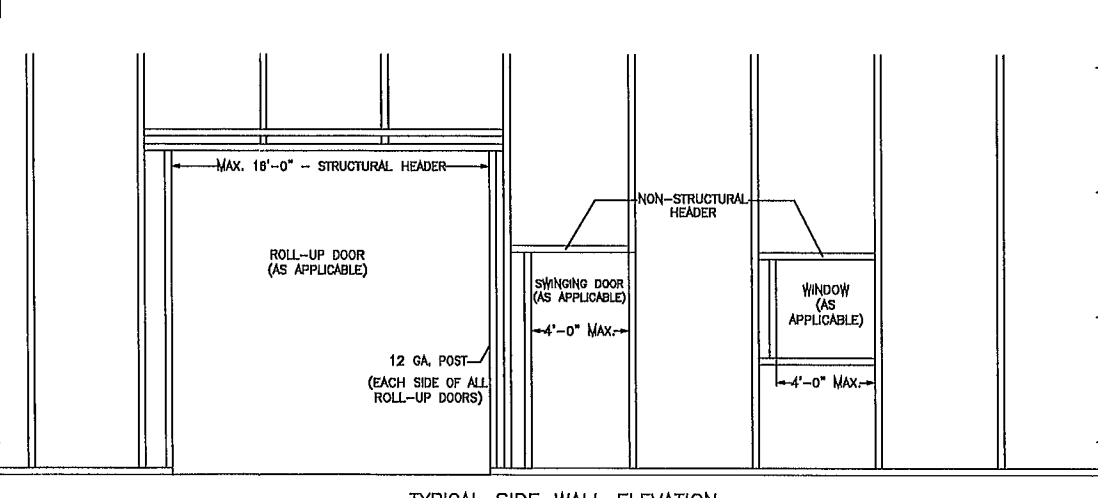
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Matthew T. Baldwin P.E.
Florida License #64608

Sheet: CA-3 OF 3

TYPICAL POST/TRUSS FRAMING SECTION -
BOX EAVE, UP TO & INCLUDING 24' WIDETYPICAL POST/TRUSS FRAMING SECTION -
BOX EAVE, 24'-1" TO 30' WIDETYPICAL SIDE WALL FRAMING -
BOX EAVE/BOW FRAME, HORIZONTAL ROOFTYPICAL SIDE WALL FRAMING -
BOX EAVE, VERTICAL ROOFTYPICAL SIDE WALL ELEVATION -
BOW FRAME, HORIZONTAL WALLS & ROOFTYPICAL SIDE WALL ELEVATION -
BOX EAVE, HORIZONTAL WALLS (OR LAP) & ROOF

TYPICAL END ELEVATION



TYPICAL SIDE WALL ELEVATION