|   | WINDOWS                                    | EXTERIOR DOORS  | EXTERIOR DOORS   | EXTERIOR DOORS  | EXTERIOR DOORS   | EXTERIOR DOORS                                     | EXTERIOR DOORS  | 100000                 | EXTERIOR DOORS  | STRUCTURAL COMPONENTS  |                               | STRUCTURAL COMPONENTS                           | STRUCTURAL COMPONENTS                        | STRUCTURAL COMPONENTS                        | PRODUCT CATEGORY   |                              |          |  |             |
|---|--|---|--|---|--|--|---|------------------------|---|--|-------------------------------|---|--|--|--|------------------------------|----------|--|-------------|
|   | SINGLE HUNG                                | ROLL-UP   | ROLL-UP  | ROLL-UP   | ROLL-UP  | ROLL-UP  | DAIMAIMA  | 2000                   | SWINGING  | FLOOD VENT   |                               | STRUCTURAL WALL                                 | STRUCTURAL WALL                              | ROOF DECK                                    | SUB CATEGORY   | FBC APP                      |          |  |             |
|   | PGT INUSTRIES<br>Model SH1700              | CAROLINA CARPORTS, INC.<br>Steel Roll-Up Sheet Door - (10' Max. Width)                                      | CAROLINA CARPORTS, INC.<br>Steel Roll-Up Sheet Door - (16' Max. Width) | CAROLINA CARPORTS, INC.<br>Steel Roll-Up Sheet Door - (6' Max. Width) | CAROLINA CARPORTS, INC.<br>Steel Roll Up Sheet Door (12' Max. Width) | ASTA INDUSTRIES INC.<br>Model 203 (12' Max. Width) | Series 407  |                        | ELIXIR DOOR AND METAL COMPANY   | CRAWL SPACE DOOR SYSTEMS, INC.<br>16x8 Flood Vent  | 26 Gauge Dutch Lap Wall Panel | CAROLINA CARPORTS, INC.                         | CAROLINA CARPORTS, INC.<br>26 Gauge AG Panel | CAROLINA CARPORTS, INC.<br>26 Gauge AG Panel | MANUFACTURER   | FBC APPROVED PRODUCTS LIST   |          |  |             |
|   | FL239.4-R26<br>11/11/20                    | FL16806.4-R5<br>12/16/20  | FL16806.3-R5<br>12/16/20   | FL16806.2-R5<br>12/16/20  | FL16806.1-R5<br>12/16/20   | 02/09/21   | 02/28/21  | El 17006 & Do          | FL17986.3-R2<br>02/28/21  | FL29622.1-R1<br>02/28/21   | 12/15/20 **                   | FL6702.3-R6                                     | FL6702.1-R6<br>12/15/20                      | FL6596.1-R6<br>12/15/20                      | APPROVAL<br>No. & DATE   |                              |          |  |             |
|   | 10/17/23                                   | 04/05/27  | 04/05/27   | 04/05/27  | 04/05/27   | 12/31/23   | CZALIAO   | 200                    | 08/26/25  | 09/30/22   |                               | 03/14/27  | 03/14/27                                     | 04/05/27                                     | EXPIRATION<br>DATE   |                              |          |  |             |
|   | NA   | NIA   | NIA  | N/A   | N/A  | N/A  | NA  |                        | N/A   | N/A  |                               | NIA   | 180  | 180  | OPEN   | M                            |          |  |             |
|   | . 180                                      | 180   | 165  | 180   | 179  | 180  | 174   | 174                    | 139   | N/A  |                               | 164   | 180  | 180  | ENCLOSED   | MAXIMUM ALLOWABLE WIND SPEED |          |  |             |
|   | 178  | 172   | 133  | 180   | 154  | 174  | 100   |                        | 139   | NIA  |                               | 143   | 180  | 180  | PARTIALLY<br>ENCLOSED  | ED ED                        |          |  |             |
| DETAILS                                 | 30   | 8UII<br>28 28   | LDING  |   | <b>3</b> 2   | 12   | 110   | 0                      | 2.0   | NOTES: 1. S  | 1                             |   | CATEGORY                                     |  |  | RAF                          |          |  |             |
| DETAILS TO AND TO SHOWN ON SHEET 4 OF 6 |  |   |  |   | 30' Anchor<br>Detail 1D  |  | -   | GROUND ANCHOR SCHEDULE | Specifications applicable only for mean roof height of 20 to requirements for other roof heights and/or slopes may vary | Specifications applicable to 26 gauge hat channel roof purlins   |                               | ,   | CATEGORY                                     | WIND   |  | TER FRAME, EN                |          |  |             |
| M ON SHEET 4 OF                         | De   | 60  | Detail 1C  | Detail 1C   | 48" Anctigr  |  |   |                        |   | 20 130 140 150 160 170   | SCHEDULE                      | ble only for mean roof<br>r roof heights and/or | ble to 26 gauge met<br>of purlins.           | 151 TO 180                                   | 110 TO 150   | (MPH)                        | ULTIMATE |  | POST, GROUN |
| FB                                      | Detail 1C                                  | 60° Anchor  |  |   |  |  | 180   | L                      | slopes may vary.  | si roof and wall pa  | 117 TO 139                    | 89 TO 116                                       | (MPH)  | NOMINAL                                      |  | TABLE 1                      |          |  |             |
|   | Certificate 664                            | FOR CONSTRUCTIC  PRI CAROLIN PRI CAROLIN PRI DOBSON, NC PR BECHTOL ENGIN BOS VIEST DEL MICH Certifical of N |  |   |  | FASTENE  | METAL CARPOR  |                        | it or less, and roof slop   | <ol> <li>Specifications applicable to 26 gauge metal roof and wall panels fastened directly to 12 or 14 gauge steet tube framing, or 18 gauge talk channel roof purifies.</li> <li>Specifications applicable only for mean roof height of 20 faet or less, and roof slopes of 7* to 27* (1.5:12 to 6:12 pitch). Specing requirements for other roof heights and/or slopes may vary.</li> </ol> | 4.0                           | 5.0   | (FEET)                                       | PO   |  | E 1<br>VD PANEL FASTEN       |          |  |             |
| 1                                       | Certificate of Aylinerization No. 00005492 | BECHTOL ENGINEERING AND TESTING, INC. O   | DOBSON, NORTH CAROLINA 27017   | CAROLINA CARPORTS, INC.<br>P.O. BOX 1263                              | FOR CONSTRUCTION IN THE STATE OF FLORIDA                             | FASTENER SPECIFICATIONS                            | METAL CARPORT INSTALLATION PLANS<br>AND DETAILS AND FRAMING AND |                        | xes of 7" to 27" (1.5:12 )  | <ol> <li>Specifications applicable to 26 gauge metal roof and wall panels fastaned directly to 12 or 14 gauge steel tube framing, or 18<br/>gauge hat channel roof purifies.</li> </ol>  | 6                             | 6   | INTERIOR<br>POSTS/RAFTERS                    | Τ  | AVERAGE FAS<br>ON-CENTERS AL   | TABLE 1 TABLE 1 TABLE 1      |          |  |             |
| 1                                       | 8Wed                                       | 00  | Page 1   | ų   | OF FLORIDA   | SNO  | ON PLANS  |                        | to 6:12 pitch). Spacing   | ti tube framing, or 18   | 6                             | 6   | INTERIOR END<br>POSTS/RAFTERS POSTS/RAFTERS  | (INCHES)                                     | AVERAGE FASTENER SPACING<br>ON-CENTERS ALONG RAFTERS OR<br>PURLINS, AND POSTS OR GIRTS | CIFICATIONS                  |          |  |             |

## GENERAL NOTES:

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, INGRESSIEGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS.

DHS FOR DOOR AND WIRDOW FRAMES REMAIN THE SAME FOR BUBSTITUTED PRODUCTS. HEADERS AND WINDOW RALLS HAV BE RAISED OR LOWERED AS RECESSARY TO ACCOM

MAXIMUM POST SPACING FOR DUTCH LAP IS 40

NO TO MANUFACTURER'S INSTALLATION REQURIEMENTS

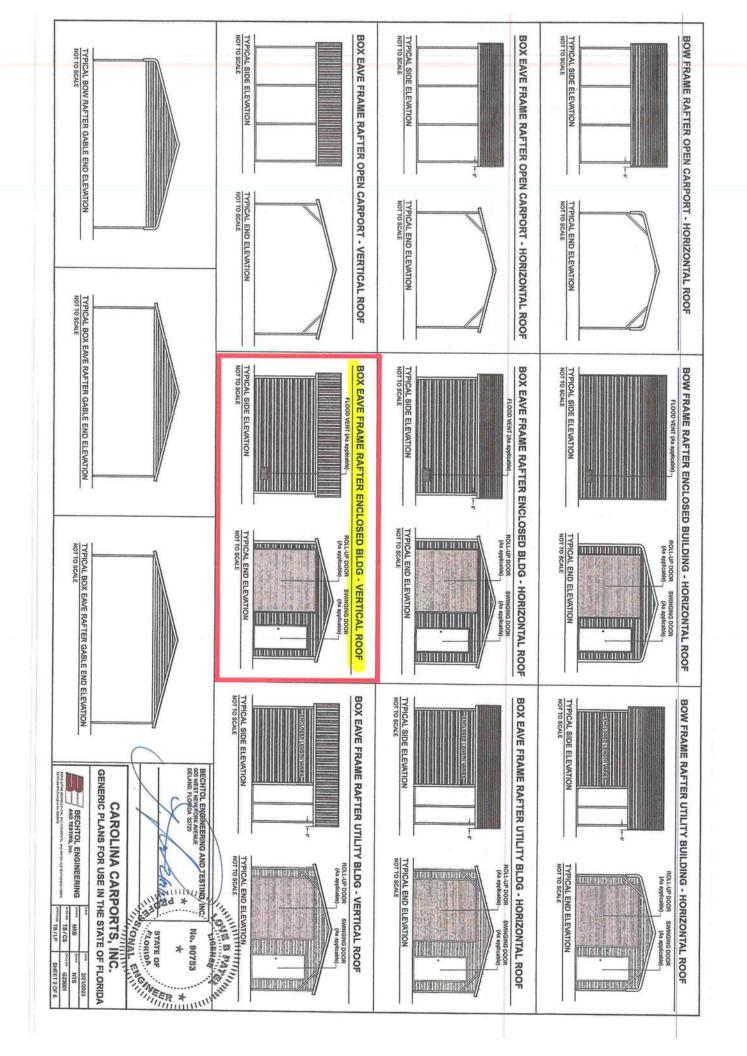
- THESE STRUCTURES ARE DESIGNED AS NON-INSTABLE UTILITYSTORAGE BUILDINGS (RISK CATEGORY I) CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE AND APPLICABLE LIVE AND WIND LOADS. IMPROVEMENTS NOT SPECIFICALLY ADDRESSED HERBIN, INCLUDING DOORS, WINDOWS, OR OTHER COMPONENTS NOT USTED IN THE FISC APPROVED PRODUCTS LIST (THIS SHEET), AND NOT PROVIDED AND INSTALLED BY CAROLINA CARPORTS, INC., WHIND HERBIT ADDITIONAL LOADS ON THE STRUCTURAL BEAT THE OWNER'S HISK. BECHTOL ENGINEERING AND TESTING, INC., SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FAILURE DUE TO THE APPLICATION OF ADDITIONAL LOADS.
- ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL. ALL FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL OR ZINC PLATED
- ALL COMPONENTS AND CLADDING SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND SHALL MEET THE DESIGN PRESSURES REQUIRED BY THE FLORIDA BUILDING CODE (FBC) AT THE LOCATION OF THE BUILDING WITHIN THE STATE OF FLORIDA.
- ALL FIELD FRAMING CONNECTIONS SHALL BE #12-14 x 3/4" SELF DRILLING SCREWS WITHOUT CONTROL SEAL WASHER. ALL SHOP FRAMING CONNECTIONS SHALL BE WELDED.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSIAT 28 DAYS. THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40. CONCRETE SLAB FOUNDATIONS SHALL BE REINFORCED WITH 6XG-VI .4XWI .4 WELDED WIRE FABRIC COMPLYING WITH ASTM A 105, OR WITH SYNTHETIC FIBER REINFORCEMENT COMPLYING WITH ASTM C1116.
- BASE RAIL GROUND ANCHOR REQUIREMENTS: ONE WITHIN 8" OF EVERY POST LOCATION, AND BOTH SIDES OF OPENINGS WHERE BASE RAIL IS ABSENT. GROUND ANCHORS ARE NOT REQUIRED FOR CONCRETE FOOTING AND FOR CONCRETE SLAB CONSTRUCTION. SEE GROUND ANCHOR SCHEDULE (THIS SHEET) FOR SPECIFIC TYPE GROUND ANCHOR REQUIREMENTS.
- CONCRETE ANCHORS SHALL BE TAPCON REDHEAD LDT 1/2" x 5" OR EQUIVALENT OR WEJ-IT ANKR-TITE MODEL AT1252, OR SLEEVE ANCHOR MODEL HSA 1250, OR EQUIVALENT
- POST/RAFTER BRACING: BRACE ON EVERY POST/RAFTER CONNECTION, EXCEPT FOR END WALLS.
- SLAB FOUNDATION SUBGRADE SOILS SHALL BE TERMITE TREATED AND COVERED WITH 6 MIL VAPOR RETARDER PER SECTION R318.1 OF THE FBC SEVENTH EDITION (2020) RESIDENTIAL, AND SECTION 1818.1 OF THE FBC SEVENTH EDITION (2020) BUILDING. MINIMUM ALLOWABLE FOUNDATION SOIL CONTACT BEARING PRESSURE OF 2,000 PSF IS ASSUMED.
- 14 GA FRAMING:  $2\cdot1/2" \times 2\cdot1/2"$  TUBE STEEL (TS) WITH  $2\cdot1/4" \times 2\cdot1/4"$  TS NIPPLES. 12 GA FRAMING:  $2\cdot1/4" \times 2\cdot1/4"$  TS WITH  $2" \times 2"$  TS NIPPLES.
- ENCLOSED AREAS REQUIRING FLOOD OPENINGS MUST HAVE A MINIMUM OF TWO (2) OPENINGS ON EXTERIOR WALLS. OPENINGS SHOULD BE INSTALLED ON AT LEAST TWO (2) SIDES OF ENCLOSED AREA, WITH BASE OF OPENINGS SET WITHIN 1-FOOT OF THE HIGHER OF INTERIOR OR EXTERIOR GRADE, REQUIRED TOTAL NUMBER OF FLOOD VENTS NOTED IN THE FBC APPROVED PRODUCTS LIST SHALL BE BASED ON ONE (1) FLOOD VENT PER EVERY 305 SQUARE FEET OF ENCLOSED AREA. SEE TYPICAL FLOOD VENT FRAMING PLAN, SHEET 5 OF 6.

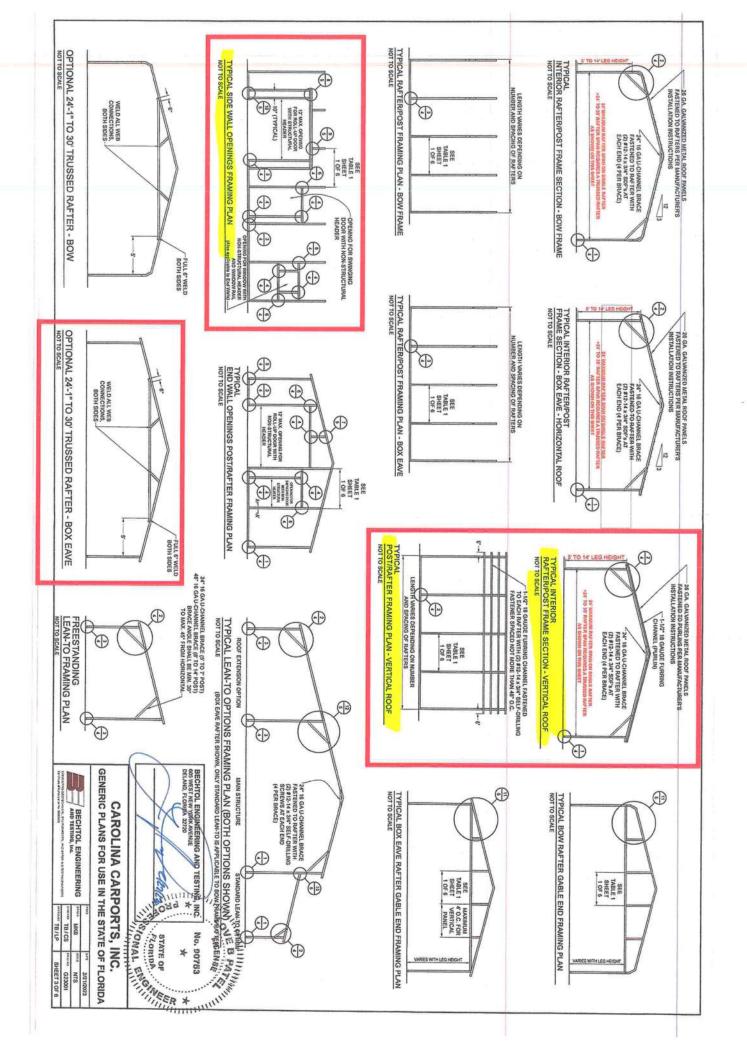
THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS HEREIN HAVE BEEN PRES ARED BY UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE umb File Copy The Examine Compliance Code

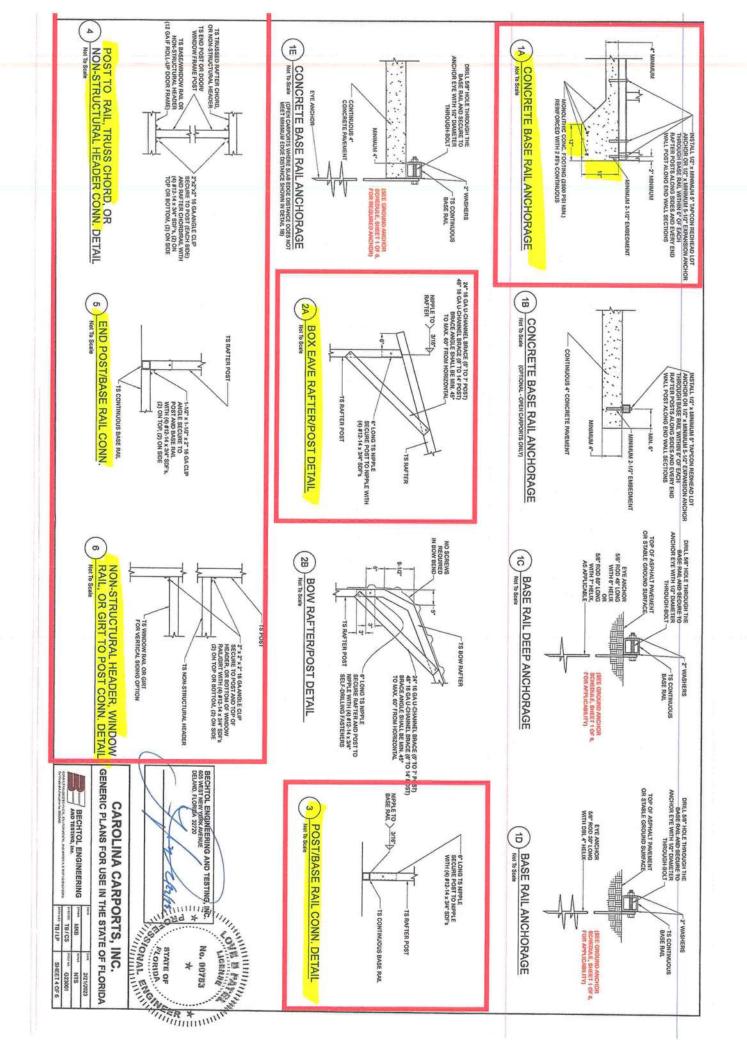
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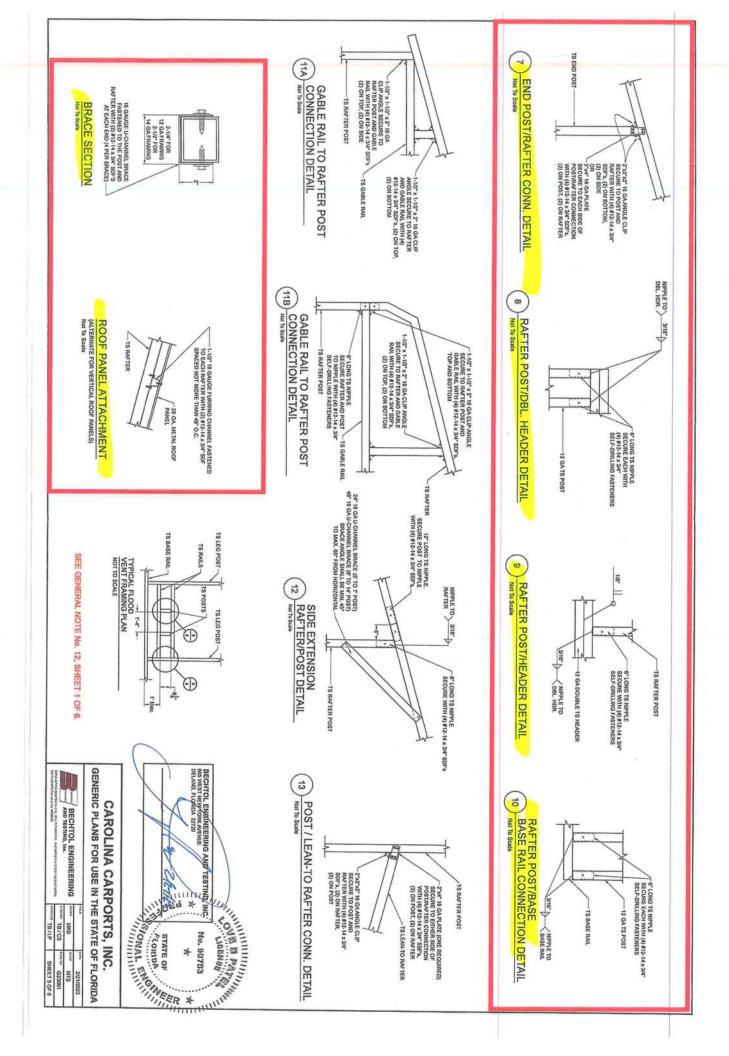
## GENERIC PLANS FOR USE IN THE STATE OF FLORIDA CAROLINA CARPORTS, INC.

| Cirtical disarrange na SUCAD | CONTRACT AND GROUPS OF THE PROPERTY AND RESIDENCE THE PARTY CONTRACT. | BECHTOL ENGINEERING |           |
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| SHEET 1 OF 6                 | ***** G23001  | NTS                 | 2/21/2023 |









## VERTICAL SIDE OPTION

