	FBC APP	FBC APPROVED PRODUCTS LIST			3	MAXIMUM ALLOWABLE	WABLE ED	RAFTE	R FRAME, ENI	RAFTER FRAME, END POST, GROUND		TABLE 1 ANCHOR AND PANEL FASTENER SPACING SPECIFICATIONS	ER SPACING SPEC	HICATIONS
PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	APPROVAL No. & DATE	QA EXPIRATION DATE	OPEN	ENCLOSED	PARTIALLY ENCLOSED						AVERAGE FAS ON-CENTERS AL PURLINS, AND	AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS OR GIRTS
STRUCTURAL COMPONENTS	ROOF DECK	CAROLINA CARPORTS, INC. 26 Gauge AG Panel	FL6596.1-R7 12/12/23	04/05/27	180	180	180	1	WIND		NOMINAL	POST / RAFTER	(INC	(INCHES)
STRUCTURAL COMPONENTS	STRUCTURAL WALL	CAROLINA CARPORTS, INC.	FL6702.1-R7	03/14/27	180	180	180	CATEGORY	CATEGORY	(MPH)	(MPH)	(FEET)	INTERIOR POSTS/RAFTERS	INTERIOR END POSTS/RAFTERS POSTS/RAFTERS
STRUCTURAL COMPONENTS	STRIICTIIBAI MAII	CARDI INA CARRORTE INC	FI 6702 3-R7	03/14/27	N	164	143)	110 TO 150	89 TO 116	_{b.} 5.0	6	6
SIRUCIORAL COMPONENTS	SIRUCIURAL WALL	26 Gauge Dutch Lap Wall Panel	12/12/23 **	03/14/2/	N	04	143	-	C	151 TO 180	117 TO 139	4.0	6	6
EXTERIOR DOORS	SWINGING	ELIXIR DOOR AND METAL COMPANY	FL17996.3-R3	08/26/25	NA	139	139	NOTES: 1. Spe	Specifications applicable to 26	Specifications applicable to 26 gauge metal		roof and wall panels fastened directly to 12 or 14 gauge steel tube framing, or 18	12 or 14 gauge steel	tube framing, or 18
EXTERIOR DOORS	SWINGING	ELIXIR DOOR AND METAL COMPANY	FL17996.5-R3	08/19/25	N/A	174	155	2. Sperreq	cifications applicat	Specifications applicable only for mean roof height of 20 fee requirements for other roof heights and/or slopes may vary.	of height of 20 feet of slopes may vary.	or less, and roof slopes	s of 7° to 27° (1.5:12 to	height of 20 feet or less, and roof slopes of 7° to 27° (1.5:12 to 6:12 pitch). Spacing lopes may vary.
		Series 407	12120123					GR	GROUND ANCHOR SCHEDULE	SCHEDULE				
EXTERIOR DOORS	ROLL-UP	ASTA INDUSTRIES INC.	FL8888.1-R7	12/31/24	NA	180	174		ULTIMATE WI	ULTIMATE WIND SPEED (mph)	2	METAL CARPORT INSTALLATION PLANS	TINSTALLATIO	N PLANS
		Model 203 (12 Max. Width)	146806 2 0				3	110	120 130 140	150 160 170	180	AND DETAILS	AND DETAILS AND FRAMING AND	GAND
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll Up Sheet Door (8' Max. Width)	12/13/23	04/05/27	NA	180	180		1			FASTENER	FASTENER SPECIFICATIONS	NS
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (10' Max. Width)	FL16806.4-R6 12/13/23	04/05/27	N/A	180	172	16	30° Anchor Detail 1E			FOR CONSTRUCTION IN THE STATE OF FLORIDA	N IN THE STATE O	F FLORIDA
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (12' Max. Width)	FL16806.4-R6 12/13/23	04/05/27	N/A	179	154	20 18		48" Anchor		CAROLIN	CAROLINA CARPORTS, INC. P.O. BOX 1263	
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (16' Max. Width)	FL4133.5-R1 12/13/23	04/05/27	NA	163	142	LDING 24 23		Detail 10		DOBSON, NO	DOBSON, NORTH CAROLINA 27017 PREPARED BY:	7017
WINDOWS	SINGLE HUNG	CGI WINDOWS AND DOORS Model SH 4000A	FL23358.2-R7 12/19/23	02/28/32	NA	174	156			60*	60" Anchor	BECHTOL ENGINEERING AND TESTING, INC. 605 WEST NEW YORK AVENUE DELAND. FLORIDA 32720	OL ENGINEERING AND TESTIN 605 WEST NEW YORK AVENUE DELAND, FLORIDA 32720	ING, INC.
								30 DETAILS 10	AND 1D SHOW	DETAILS 1C AND 1D SHOWN ON SHEET 4 OF 6	6	Certificate of Au		15492
NOTES: 1. DOORS AND WINDOWS SHOWN MAY BE SUBSTITUTED FOR I A PRODUCT SHALL HAVE A VALID FBC PRODUCT APPROVAL B. COMPONENTS ARE INSTALLED ACCORDING TO MANUFACE. FRAMING CONNECTIONS FOR DOOR AND WINDOW FRAMES DESCRIPTIONS.	MAY BE SUBSTITUTED FOR DIFFE D FBC PRODUCT APPROVAL) ACCORDING TO MANUFACTURE OR AND WINDOW FRAMES REM	NOTES: 1. DOORS AND WINDOWS SHOWN MAY BE SUBSTITUTED FOR DIFFERENT PRODUCT LINES AND/OR MODELS, PROVIDED THE FOLLOWING CONDITIONS ARE MET: A. PRODUCT SHALL HAVE A VALID FBC PRODUCT APPROVAL. B. COMPONENT'S ARE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION REQUIREMENTS. 2. FRAMING CONNECTIONS FOR DOOR AND WINDOW FRAMES REMAIN THE SAME FOR SUBSTITUTED PRODUCTS. HEADERS AND WINDOW RAILS MAY BE RAISED OR LOWERED AS NECESSARY TO ACCOMODATE OF THE PRODUCTS.	THE FOLLOWING COND	ITIONS ARE MET: LS MAY BE RAISED OR	LOWERED A	S NECESSARY TO ACC	OMODATE				•		Cou Rev	Reviewed O.
SUBSTITUTED PRODUCT.	TCH AD IS A C													111

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, INGRESS/EGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS.
- 2 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 CAROLINA CARPORTS, INC., WHICH EXERT ADDITIONAL LOADS ON THE STRUCTURE SHALL BE AT THE OWNER'S RISK. BECHTOL ENGINEERING AND TESTING, INC., SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FAILURE DUE TO THE APPLICATION OF ADDITIONAL LOADS.
- ω ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL. ALL FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL OR ZINC PLATED
- 4 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

5

- 6 CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40. CONCRETE SLAB FOUNDATIONS SHALL BE REINFORCED WITH 6X6-W1.4XW1.4 WELDED WIRE FABRIC COMPLYING WITH ASTM A 185, OR WITH SYNTHETIC FIBER REINFORCEMENT COMPLYING WITH ASTM C1116.
- 7 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 GROUND ANCHOR SIZE REQUIREMENTS.
- 8 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 1260, OR EQUIVALENT
- 9 POST/RAFTER BRACING: BRACE ON EVERY POST/RAFTER CONNECTION, EXCEPT FOR END WALLS.
- 0 SLAB FOUNDATION SUBGRADE SOILS SHALL BE TERMITE TREATED AND COVERED WITH 6 MIL VAPOR RETARDER PER SECTION R318.1 OF THE FBC EIGHTH EDITION (2023) - RESIDENTIAL, AND SECTION 1816.1 OF THE FBC EIGHTH EDITION (2023) - BUILDING. MINIMUM ALLOWABLE FOUNDATION SOIL CONTACT BEARING PRESSURE OF 2,000 PSF IS ASSUMED.
- = 14 GA FRAMING: $2-1/2" \times 2-1/2"$ TUBE STEEL (TS) WITH $2-1/4" \times 2-1/4"$ TS NIPPLES 12 GA FRAMING: $2-1/4" \times 2-1/4"$ TS WITH $2" \times 2"$ TS NIPPLES.

THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS HEREIN HAVE BEEN PREPARED BY THE COMPILIANCE UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609 DE SEXAMO Columb Co File Reviewed Copy

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THE FLORIDA BUILDING CODE, EIGHTH EDITION (2023).



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

Certificate of Authorization No. (0000/LID)	NO GEOTECONICAL ENORMODINAL AND MATERIAL E TESTING FOR	AND TESTING INC.	
1	SHIBM	G	
DEVONER	CHORD CHOCK	NG Dawn	REVISED
APPROPRIES	CHORD TB/CS	nuved	REVISED 2/5/2024
APPROPRIATE CONTRACTOR	CHECKED TB/CS PROJECT		REMSED

