	FBC APP	FBC APPROVED PRODUCTS LIST	\$		M	MAXIMUM ALLOWABLE	WABLE	RA	TER FRAME	END POST, GR	TA.	TABLE 1 RAFTER FRAME, END POST, GROUND ANCHOR AND PANEL FASTENER SPACING SPECIFICATIONS	IER SPACING SPEC	HEICATIONS
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-R6 12/15/20	04/05/27	180	180	180	DIEK	WIND	) ULTIMATE	E NOMINAL	POST / RAFTER	(INC	(INCHES)
STRUCTURAL COMPONENTS	STRUCTURAL WALL	CAROLINA CARPORTS, INC.	FL6702.1-R6 12/15/20	03/14/27	180	180	180	CATEGORY	CATEGORY	-	+-		POSTS/RAFTERS	POSTS/RAFTERS POSTS/RAFTERS
OTTOTION COMPONENTS	STRIICTURAL WALL	CAROLINA CARRORTS INC	FL6702.3-R6	03/14/27	NA	164	143		<u> </u>	110 TO 150	0 89 TO 116	5.0	6	6
STRUCTURAL COMPONENTS	STRUCTURAL WALL	26 Gauge Dutch Lap Wall Panel	12/15/20 **	03/14/2/	5	ğ	ŧ	I	c	151 TO 180	0 117 TO 139	9 4.0	6	6
STRUCTURAL COMPONENTS	FLOOD VENT	CRAWL SPACE DOOR SYSTEMS, INC. 16x8 Flood Vent	FL29622.1-R1 02/28/21	09/30/22	N/A	N/A	N/A	NOTES: 1.	Specifications a gauge hat chan	oplicable to 26 gaug	metal roof and wal	1. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to 12 or 14 gauge steel tube framing, or 18 gauge hat channel roof purlins.	to 12 or 14 gauge steel	tube framing, or 18
EXTERIOR DOORS	SWINGING	ELIXIR DOOR AND METAL COMPANY	FL17996.3-R2 02/28/21	08/26/25	N/A	139	139		requirements for	requirements for other roof heights and/or slop	nd/or slopes may vary.	ary.	85 01 / 10 27 (1.5.12 11	o o, iz pilcii). opaciilg
			EI 17006 5.R2	09/10/25	N	174	155		GROUND AND	GROUND ANCHOR SCHEDULE				
EXTERIOR DOORS	SWINGING	Series 407	02/28/21	02/19/20	5	i	Š		110 120 130	20 130 140 150 160 17/	170 180	AND DETAIL	METAL CARPORT INSTALLATION PLANS AND DETAILS AND FRAMING AND	G AND
EXTERIOR DOORS	ROLL-UP	ASTA INDUSTRIES INC. Model 203 (12' Max. Width)	FL8888.1-R6 02/09/21	12/31/23	NIA	180	174	12				FASTENE	FASTENER SPECIFICATIONS	SNS
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll Up Sheet Door (12' Max. Width)	FL16806.1-R5 12/16/20	04/05/27	N/A	179	154		Detail 1D			FOR CONSTRUCTI	FOR CONSTRUCTION IN THE STATE OF FLORIDA	)F FLORIDA
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (8' Max. Width)	FL16806.2-R5 12/16/20	04/05/27	N/A	180	180			48" Anchor		CAROLII	CAROLINA CARPORTS, INC P.O. BOX 1263	•
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (16' Max. Width)	FL16806.3-R5 12/16/20	04/05/27	NIA	155	133	LDING 22 23		Detail 1C		DOBSON, N	DOBSON, NORTH CAROLINA 27017  PREPARED BY:	7017
EXTERIOR DOORS	ROLL-UP	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (10' Max. Width)	FL16806.4-R5 12/16/20	04/05/27	N/A	180	172	28 26			60" Anchor	BECHTOL ENGIN	BECHTOL ENGINEERING AND TESTING, INC.	E Build
WINDOWS	SINGLE HUNG	PGT INUSTRIES Model SH7700	FL239.4-R28 11/11/20	10/17/23	NIA	. 180	178	30 DETAIL	S 1C AND 1D	DETAILS 1C AND 1D SHOWN ON SHEET 4 OF 6	Detail 1C	Certificate of A	Certificate of Authorization No. 00005482 wed	SMEE wed
NOTES:  1. DOORS AND WINDOWS SHOWN MAY BE SUBSTITUTED FOR D A. PRODUCT SHALL HAVE A VALID FBC PRODUCT APPROVAL B. COMPONENTS ARE INSTALLED ACCORDING TO MANUFACT	MAY BE SUBSTITUTED FOR DIFF D FBC PRODUCT (APPROVAL. ) ACCORDING TO MANUFACTUR	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. COMPONENTS ARE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION REQURIEMENTS.	THE FOLLOWING CON	:	AXIMUM POST	MAXIMUM POST SPACING FOR DUTCH LAPIS 4.0	LAPIS 4.0							90
2. FRAMING CONNECTIONS FOR DO SUBSTITUTED PRODUCT.	OR AND WINDOW FRAMES REL	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 ACCOMPDIATE SUBSTITUTED PRODUCT.	DERS AND WINDOW RA	ULS MAY BE RAISED OF	RLOWEREDA	S NECESSARY TO AC	COMODATE						10	Code /~

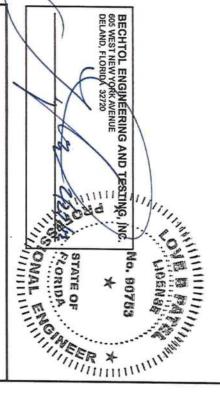
## GENERAL NOTES:

- 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.
- N 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
- 3. 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.
- 5 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.
- 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 TYPE GROUND ANCHOR REQUIREMENTS.
- 8 CONCRETE ANCHORS SHALL BE TAPCON REDHEAD LDT 1/2" x 5" OR EQUIVALENT OR WEJ-IT ANKR-TITE MODEL AT 1252, OR SLEEVE ANCHOR MODEL HSA 1260, OR EQUIVALENT.
- 9. POST/RAFTER BRACING: BRACE ON EVERY POST/RAFTER CONNECTION, EXCEPT FOR END WALLS.
- 10. 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 1816.1 OF THE FBC SEVENTH EDITION (2020) - BUILDING. MINIMUM ALLOWABLE FOUNDATION SOIL CONTACT BEARING PRESSURE OF 2,000 PSF IS ASSUMED.
- 11. 14 GA FRAMING: 2-1/2" x 2-1/2" TUBE STEEL (TS) WITH 2-1/4" x 2-1/4" TS NIPPLES.
  12 GA FRAMING: 2-1/4" x 2-1/4" TS WITH 2" x 2" TS NIPPLES.
- 12. 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 PREPARED BY THE UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609 OF THE FLORIDA BUILDING CODE, SEVENTH EDITION (2020).

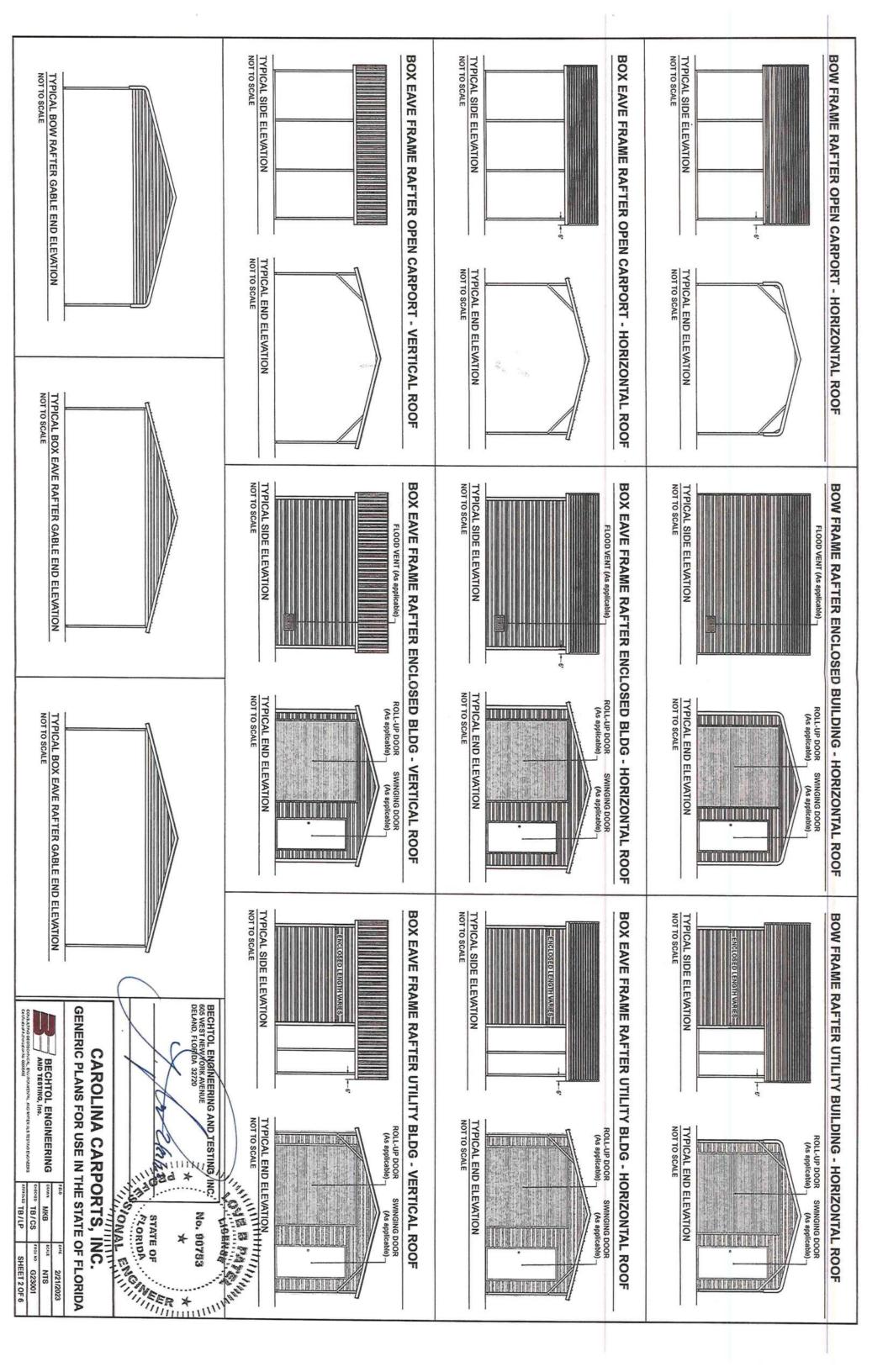
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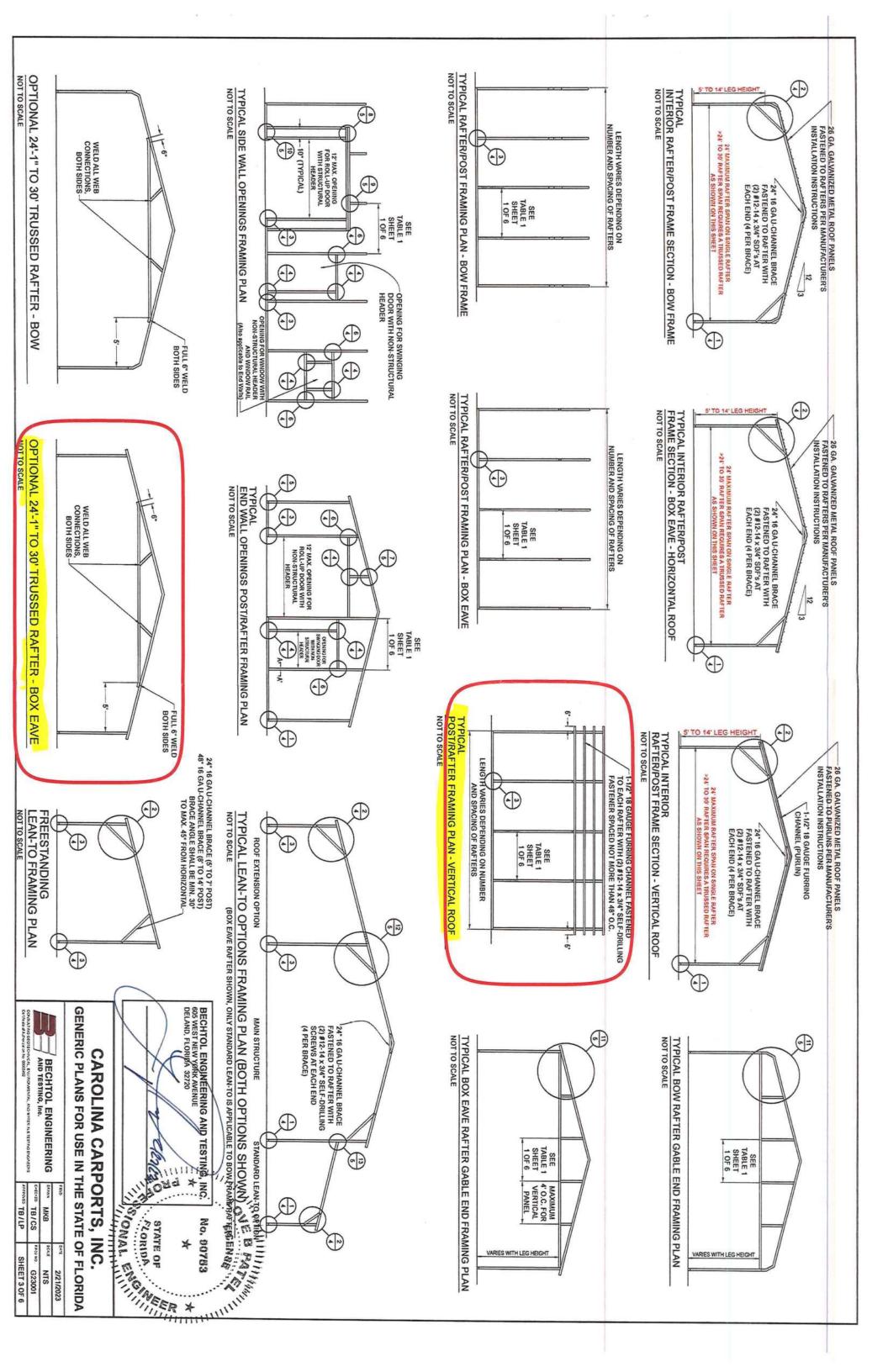
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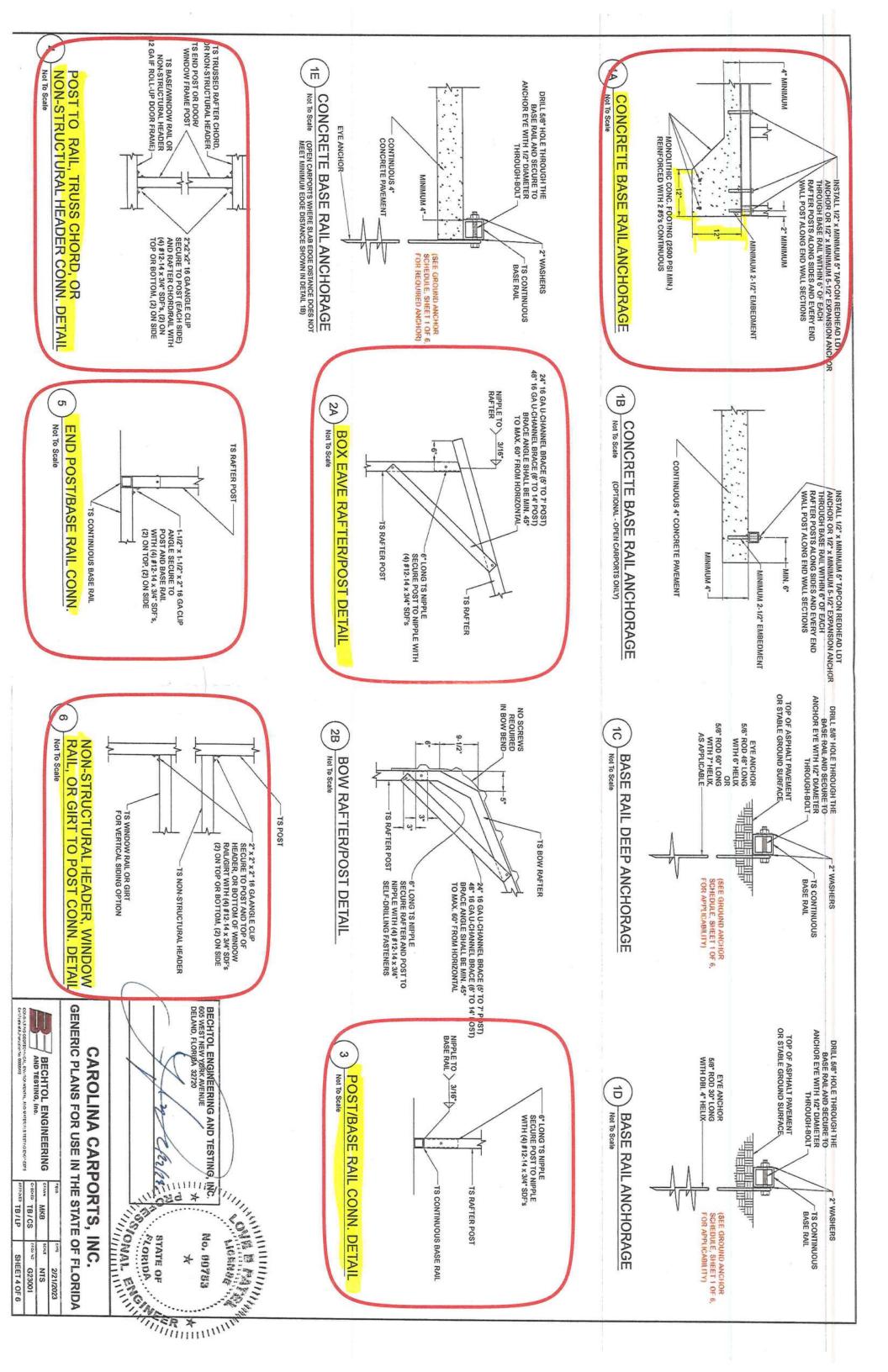


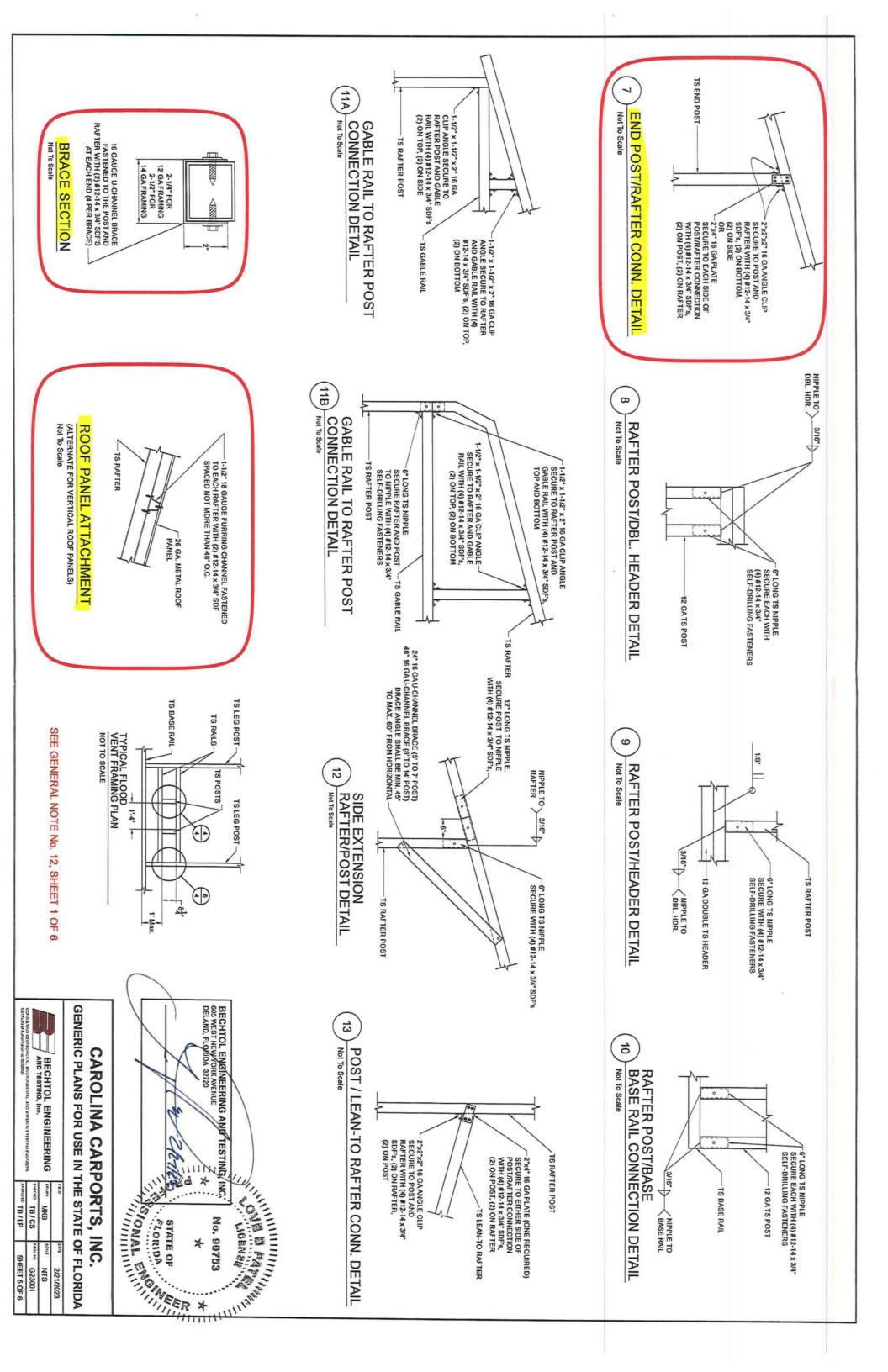
## CAROLINA CARPORTS, INC. GENERIC PLANS FOR USE IN THE STATE OF FLORIDA

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SHEET 1 OF 6	FEO. W. G23001	SIN 3103	2/21/2023

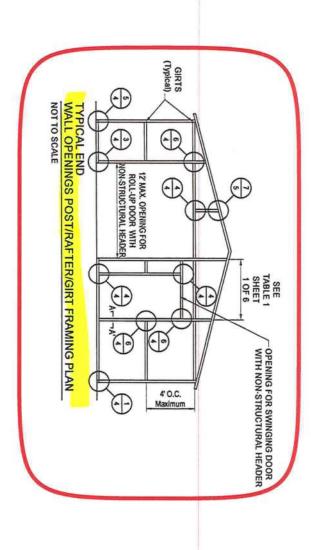


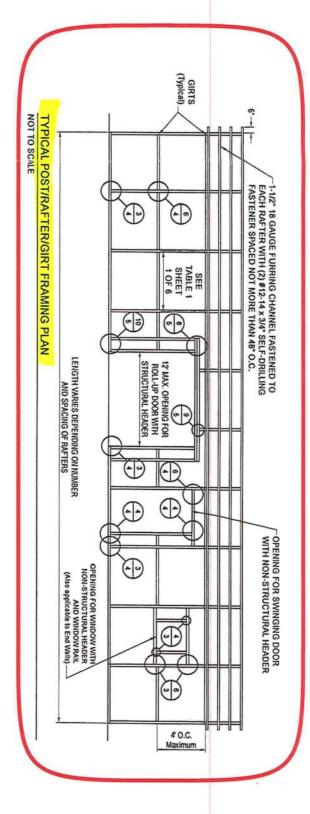


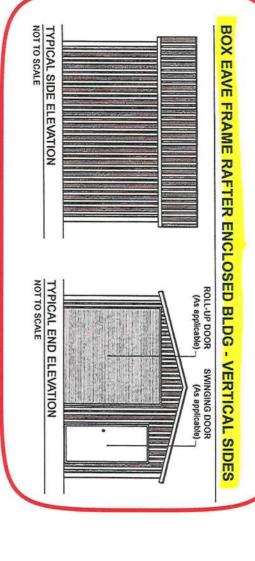




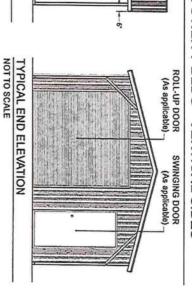
## **VERTICAL SIDE OPTION**

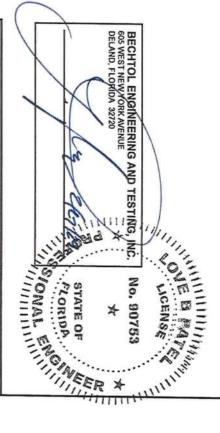












TYPICAL SIDE ELEVATION NOT TO SCALE

CAROLINA CARPORTS, INC.

GENERIC PLANS FOR USE IN THE STATE OF FLORIDA

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HIVE TB/LP	CHICAD TB/CS	BMW were	1610
SHEET 6 OF 6	FROV NO G23001	SIN Steps	2/21/2023