R SPACING R SPACING R SPACING R SPACING R SPACING R SPACING OF 1 SPACING RIPS OF 1 S																	
NAXINJUM ALLOWABLE		A	WINDOWS	EXTERIOR DOORS	EXTERIOR DOORS	EXTERIOR DOORS	EXTERIOR DOORS	EXTERIOR DOORS		EXTERIOR DOORS	EXTERIOR DOORS	STRUCTURAL COMPONENTS		STRUCTURAL COMPONENTS	STRUCTURAL COMPONENTS	PRODUCT CATEGORY	
NAXINJUM ALLOWABLE	MAX BE SUBSTITUTED FOR DIFF		SINGLE HUNG	ROLL-UP	ROLL-UP	ROLL-UP	ROLL-UP	ROLL-UP		SWINGING	SWINGING	STRUCTURAL WALL		STRUCTURAL WALL	ROOF DECK	SUB CATEGORY	FBC APP
NAXIMUM ALLOWABLE	ERENT PRODUCT LINES AND/OR MODELS, PROVIDED		CGI WINDOWS AND DOORS Model SH 4000A	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (16' Max. Width)	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (12' Max. Width)	CAROLINA CARPORTS, INC. Steel Roll-Up Sheet Door - (10' Max. Width)	CAROLINA CARPORTS, INC. Steel Roll Up Sheet Door (8' Max. Width)	ASTA INDUSTRIES INC. Model 203 (12' Max. Width)	Series 407	ELIXIR DOOR AND METAL COMPANY	ELIXIR DOOR AND METAL COMPANY Series 402-14	CAROLINA CARPORTS, INC. 26 Gauge Dutch Lap Wall Panel		26 Gauge AG Panel CAROLINA CARPORTS, INC.	RTS	MANUFACTURER	ROVED PRODUCTS LIST
NAXIMUM ALLOWABLE	O THE FOLLOWING CON		FL23358.2-R7 12/19/23	FL41335.1-R1 12/13/23	FL16806.1-R6 12/13/23	FL16806.4-R6 12/13/23	FL16806.2-R6 12/13/23		12/26/23	FL17996.5-R3	FL17996.3-R3 12/26/23	FL6702.3-R7 12/12/23	12/12/23	FL6702.1-R7	FL6596.1-R7	APPROVAL No. & DATE	
MAXIMUM ALLOWABLE RAFTER FRAME, END POST, GROUND ANCHOR AND PANEL FASTEND	DITIONS ARE MET		02/28/32	04/05/27	04/05/27	04/05/27	04/05/27	12/31/24		08/19/25	08/26/25	03/14/27		03/14/27	04/05/27	QA EXPIRATION DATE	
NOTES: 1. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof pullins. 2. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof pullins. 2. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof pullins. 2. Specifications applicable only for mean roof height of 20 feet or less, and roof slopes requirements for other roof heights and/or slopes may vary. GROUND ANCHOR SCHEDULE ULTIMATE WIND SPEED (mpH) AND DETAILS 10 130 140 150 160 170 180 BETAILS 10 AND 1D SHOWN ON SHEET 1 OF 6 MAXIMUM POST / RAFTER SPACING (FEET) MAXIMUM POST / RAFTER SPACING (FEET) MAXIMUM POST / RAFTER SPACING (FEET) MAXIMUM POST / RAFTER SPACING (FEET) SPACING (FEET) MAXIMUM POST / RAFTER SPACING (FE			N/A	N/A	N/A	N/A	N/A	NIA		N/A	N/A	NA		180	180	OPEN	M.
ALLY OSED ORISK CATEGORY CATEGORY CATEGORY NOTES: 1. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof purlins. 2. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof purlins. 2. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof purlins. 2. Specifications applicable to 26 gauge metal roof and wall panels fastened directly to gauge hal channel roof purlins. 2. Specifications applicable only for mean roof height of 20 feet or less, and roof slopes ray vary. GROUND ANCHOR SCHEDULE ULTIMATE WIND SPEED (mph) AND DETAILS 10 Anchor Panels fool and wall panels fastened directly to get or less, and roof slopes ray vary. GROUND ANCHOR SCHEDULE FOR CONSTRUCTIC PARELS And DETAILS AND DET			174	163	179	180	180	180		174	139	164		180	180	ENCLOSED	WIND SPE
RISK ATEGORY CATEGORY		-	156	142	154	172	180	174		155	139	143		180	180	PARTIALLY ENCLOSED	ED
TABLE 1 WIND WIND SPEED CATEGORY (MPH) B or C B or C 110 TO 150 B or C 151 TO 180 117 TO 139 151 TO 139 CAND ID SHOWN ON SHEET 4 OF 8 CAND ID SHOWN ON SHEET 4 OF 8 WIND ANCHOR AND PANEL FASTENE MAXIMUM POST / RAFTER SPACING (FEET) MAXIMUM POST / RAFTER SPACING (FEET) MAXIMUM POST / RAFTER SPACING (FEET) 110 TO 150 89 TO 116 5.0 117 TO 139 117 TO		30 DETAIL						7		2	-	1		CATEGO			RA
TABLE 1 ANCHOR AND PANEL FASTENE NOMINAL (MPH) 39 TO 116 39 TO 116 17 TO 139 2		S-1C AND 1D SHO				30 Anchor Detail 1E		_	GROUND ANCHO	Specifications appli requirements for ot	Specifications appli	B or C	-		WIND		FTER FRAME, E
ANCHOR AND PANEL FASTENE NOMINAL (MPH) 90ST / RAFTER SPACING (FEET) 17 TO 139 : 4.0 20 feet or less, and roof slopes pes may vary. METAL CARPOR AND DETAILS FOR CONSTRUCTIC CAROLIN P.C. DOBSON, NO DESTINATION OF SIGNER CAROLIN P.C. DOBSON, NO DESTINATION OF SIGNER CAROLIN P.C. DOBSON, NO DECLAND Certificate of Au		WN ON SHEET 4	00	Detail 10	48" Anchor			VIND SPEED (mph	OR SCHEDULE	cable only for mean in her roof heights and/	cable to 26 gauge m	151 TO 180	+		ULTIMATE		ND POST, GROU
AVERAGE FASTENER SPACING SPECIFICATIONS AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OF PURLINS, AND POSTS OR GIRTS SPACING (FEET) DOST / RAFTER SPACING ON-CENTERS ALONG RAFTERS OF PURLINS, AND POSTS OR GIRTS INTERIOR (INCHES) INTERIOR (INCHES) END (INCHES) FOSTS/RAFTERS POSTS/RAFTERS FOSTS/RAFTERS FOSTS/		DF 6	Anchor				-	0 180		oof height of 20 feet or slopes may vary.	etal roof and wall par	117 TO 139	89 TO 116		NOMINAL		TABLI ND ANCHOR AN
AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OF PURLINS, AND POSTS OR GIRTS (INCHES) INTERIOR POSTS/RAFTERS 6 6 6 6 6 6 6 6 6 7 8 8 8 8 8 8 8 8 8 10 12 or 14 gauge steel tube framing, or 18 8 8 8 8 8 8 8 8 8 8 8 10 10		Certificate of A	BECHTOL ENGIN	DOBSON, N	CAROLI	FOR CONSTRUCT	FASTENE	VIETAL CARPOI		or less, and roof slop	nels fastened directly		5.0	SPACING (FEET)	POST / RAFTER	MIMIXAM	E 1 ID PANEL FASTEN
STENER SPACING LONG RAFTERS OF LONG RAFTERS OF POSTS OR GIRTS ICHES) END END FOSTS/RAFTER 6 tube framing, or 18 to 6:12 pitch). Spacin ONS ON PLANS IG AND ONS FEORIDA TO17 TO17 TO17 TO17 TO17 TO17	"Cou	Authorization No. 000	VEERING AND TEST	JORTH CAROLINA 2	NA CARPORTS, INC. BOX 1263	TON IN THE STATE (R SPECIFICATION	RT INSTALLATION		es of 7° to 27° (1.5:12	to 12 or 14 gauge stee	6	6			AVERAGE FA ON-CENTERS A PURLINS, AND	VER SPACING SPE
1 (6)	Reviewed 0	105/92 ildi	TING, INC. UE	27017	c.	OF FLORIDA	SNO	ON PLANS		to 6:12 pitch). Spacing	射 tube framing, or 18	6	0	END S POSTS/RAFTER	NCHES)	STENER SPACING LLONG RAFTERS OR) POSTS OR GIRTS	CIFICATIONS

GENERAL NOTES:

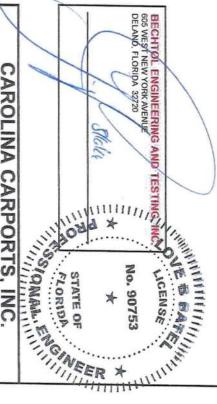
- THESE PLANS PERTAIN ONLY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM, COMPONENTS AND CLADDING, AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, INGRESS/EGRESS, PROPERTY SET-BACKS, FINISH FLOOR ELEVATION AND SLOPE, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS.
- THESE STRUCTURES ARE DESCRIBED AS NON-HABITABLE BITLITY/STORAGE BUILDINGS (RISK CATEGORY)). CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE AND APPLICABLE LIVE AND WIND LOADS. IMPROVEMENTS NOT SECURICALLY ADDRESSED HEREIN INCLUDING DOORS, WINDOWS, OR OTHER COMPONENTS NOT LIBRED IN THE FEC APPROVED PRODUCTS LIST (THIS SHEET), AND NOT PROVIDED AND INSTALLED BY CAROUNA 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.
- ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL. ALL FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL OR ZING PLATED.

3

- 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
- 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.
- 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.
- CONCRETE ANCHORS SHALL BE TAPCON REDHEAD LDT 1/2" x 5" OR EQUIVALENT.
- 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 FLORIDA BUILDING CODE EIGHTH EDITION (2023) - RESIDENTIAL, AND SECTION 1816:1 OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) - BUILDING. SOIL LOAD BEARING PRESSURE OF 2000PSF IS ASSUMED.
- 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.
- FOR CONTINUOUS REINFORCING, MINIMUM BAR OVERLAP SHALL BE 40 BARS DIAMETERS (25" FOR #5 REBAR).
- 13 TORNADO VELOCITY COMPLIANCE IS NOT REQUIRED FOR RISK I OR RISK II STRUCTURES PER SECTION R301.2.1.1 OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023)- RESIDENTIAL AND SECTION 1603.1.4 OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023)- BUILDING, AND ASCE 7-22

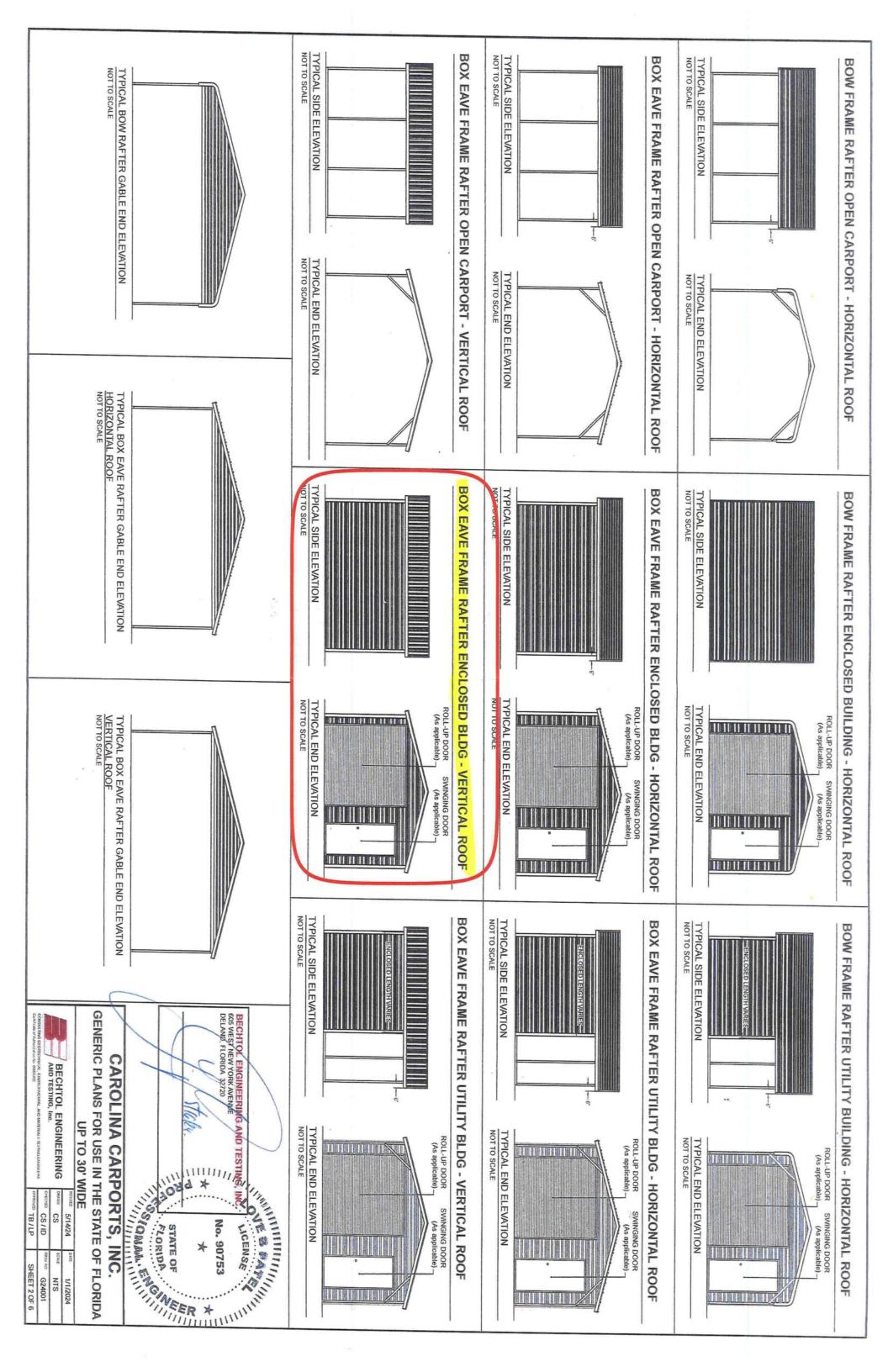
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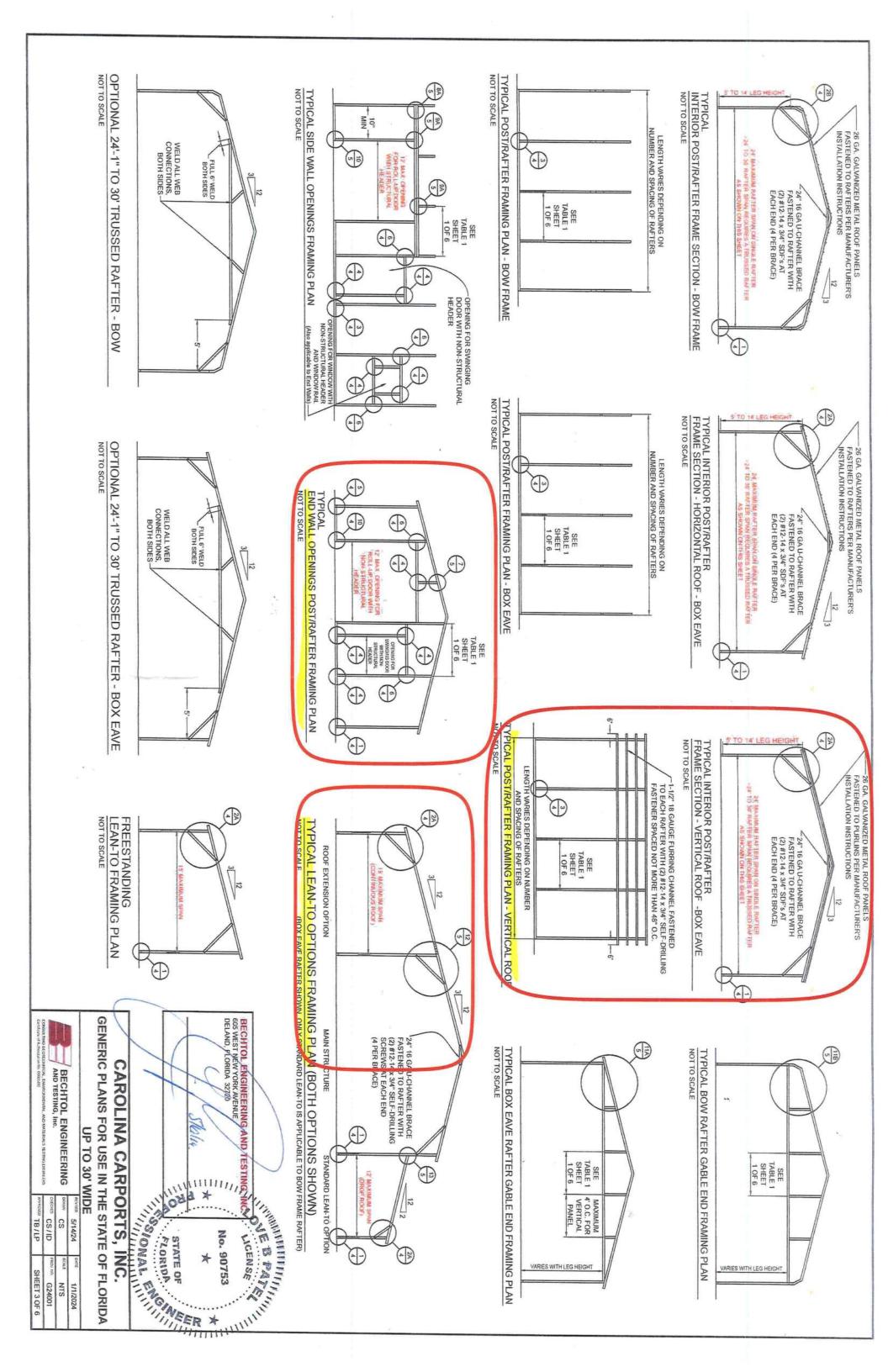
UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609 OF THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS HEREIN HAVE BEEN PREPARED BY THE THE FLORIDA BUILDING CODE, EIGHTH EDITION (2023)

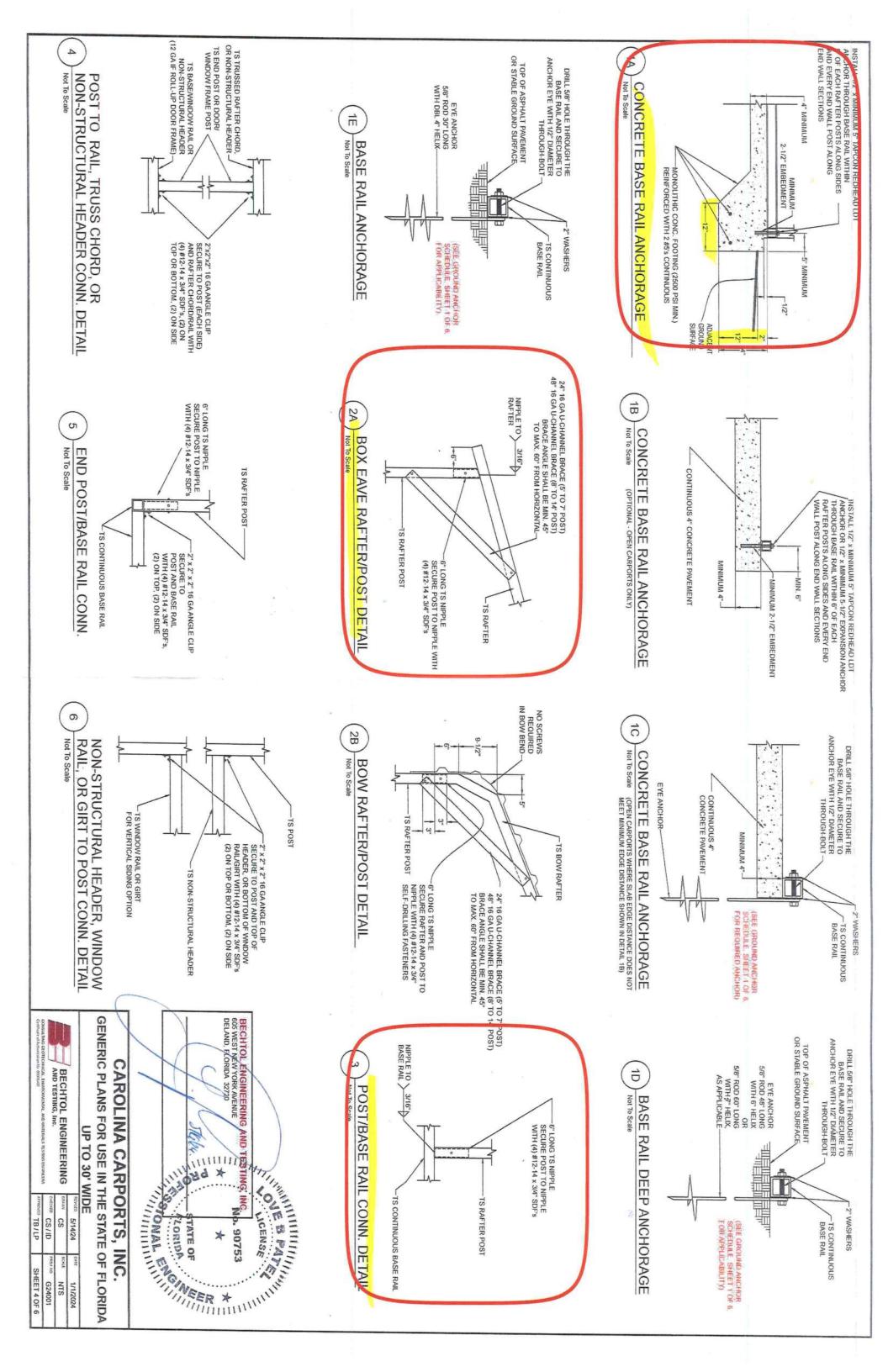


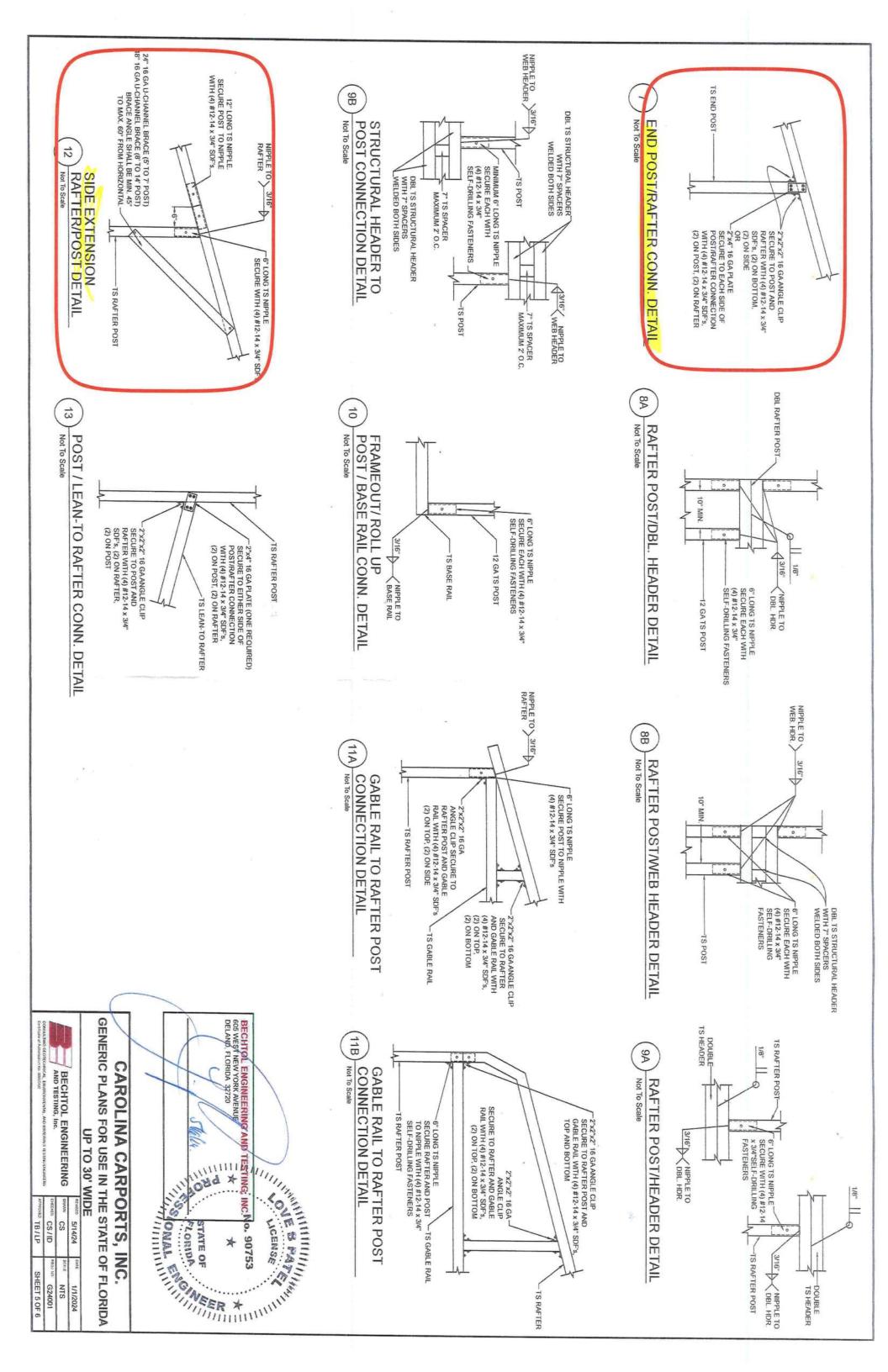
GENERIC PLANS FOR USE IN THE STATE OF FLORIDA CAROLINA CARPORTS, INC.

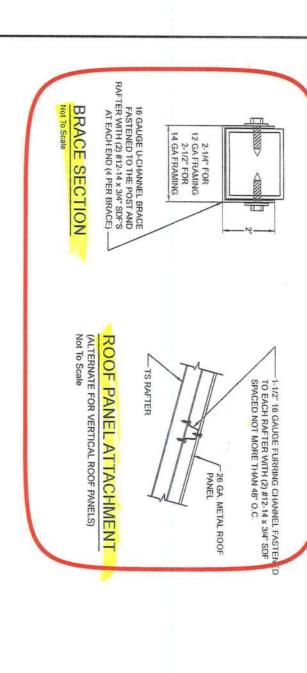
UP TO 30' WIDE	VIDE	
	REVISED 5/14/24	DATE 1/1/2024
BECHTOL ENGINEERING	DAMMI CS	STN 37438
AND IESTING, INC.	CHECKED CS/ID	G24001
Contracts of Authorization No. 0000482	d I/ BL amostar	SHEET 1 OF 6

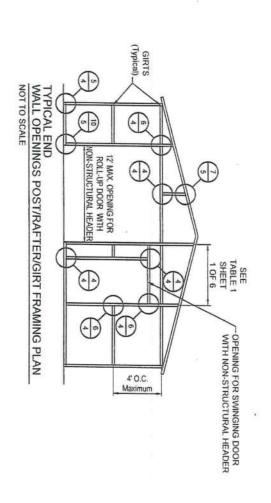




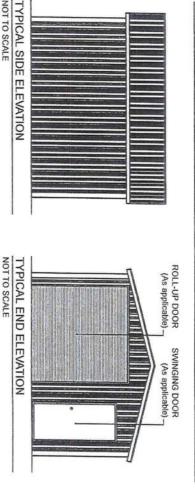








BOX EAVE FRAME RAFTER ENCLOSED BLDG - VERTICAL SIDES

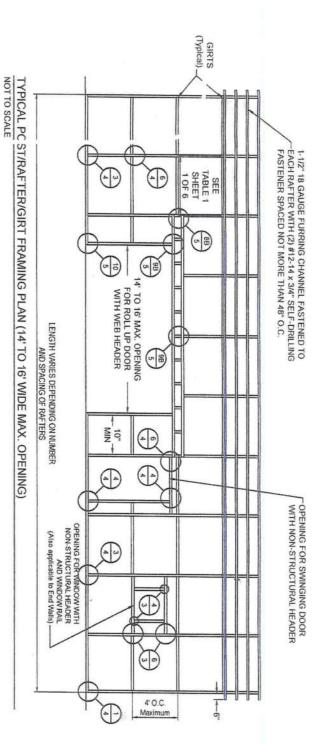


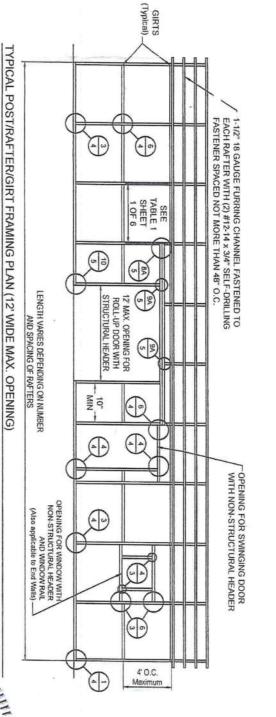
NOT TO SCALE

NOT TO SCALE

TYPICAL SIDE ELEVATION

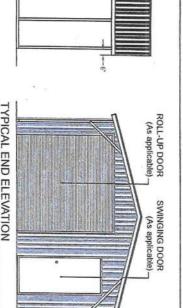
VERTICAL SID E OPTION

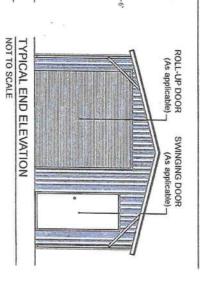




BOX EAVE FRAME RAFTER UTILITY BLDG - VERTICAL SIDES

NOT TO SCALE





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Centiferio of Authoritation (45: 0000549)	CONSULTED GEOTECHNICAL ENGRAPHISM. AND MATERIALS TESTING BROWERS	BECHTOL ENGINEERING		UP TO 30' WIDE	GENERIC PLANS FOR USE IN THE STATE OF FLORIDA	CAROLINA CARPORTS, INC.		7	Y. I stuhe = 0	*=	BECHTOL ENGINEERING AND JESTING, 805 WEST NEW YORK AVENUE		
APPROVED TB/LP	CS/ID	SO revieed	REVISED 5/14/24	IDE	HE STATE	ORTS,	NON	\$ 51A		····	: No. 90753	LOUENSE K	1111111
SHEET 6 OF 6	PROJ 110 G24001	SCALE NTS	DATE 1/1/2024		OF FLORIDA	INC.	TISIONAL ESTITI	SIN CONTRACTOR	ER	*	0753	LOUENSE THE	HILLI