I Ancha plans

TABLE 1

RAFTER FRAME, END POST, GROUND ANCHOR AND PANEL FASTENER SPACING SPECIFICATIONS

_		RISK	
	WIND EXPOSURE CATEGORY		WIND
151 TO 180	110 TO 150	WIND SPEED (MPH)	ULTIMATE
117 TO 139	89 TO 116	WIND SPEED (MPH)	NOMINAL
4.0	5.0	SPACING (FEET)	MAXIMUM POST / RAFTER
6	6	INTERIOR POSTS/RAFTERS	AVERAGE FAS ON-CENTERS AL PURLINS, AND (INC
6	6	END POSTS/RAFTERS	AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS OR GIRTS (INCHES)

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 purifies.
 Specifications applicable only for mean roof height of 20 feet 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.

FBC APPROVED PRODUCTS LIST

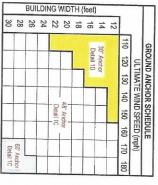
PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	APPROVAL No. & DATE	MAXIMUM ALLOWABLE WIND SPEED
STRUCTURAL COMPONENTS	ROOFDECK	UNION CORRUGATING COMPANY 26 Gauge MasterBb Panel	FL9555.2-R4 12/52/17	180
STRUCTURAL COMPONENTS	STRUCTURAL WALL	UNION CORRUGATING COMPANY 26 Gauge MasterRib Panel	FL9885.2-R4 12/12/17	180
STRUCTURAL COMPONENTS	STRUCTURAL WALL	FABRAL 26 Gauge Grandbeam Panel	FL14081.1-R3 10/11/17	160
STRUCTURAL COMPONENTS	FLOOD VENT	FLOOD SOLUTIONS, LLC Model FS-1606	FL17588.2 04/25/15	NA.
EXTERIOR DOORS	SWINGING	THERMA-TRU CORPORATION Classic-Craft	FL15225.1-R4 12/22/17	180
EXTERIOR DOORS	SWINGING	ELIXIR DOOR AND METAL COMPANY Series 407	FL17996.5 09/07/15	170
EXTERIOR DOORS	ROLL-UP	ASTA INDUSTRIES INC. Model 203	FL8888.1-R5 10/05/17	160
EXTERIOR DOORS	ROLL-UP	JANUS INTERNATIONAL CORPORATION Series 750	FL12765.8-R5 10/07/17	130
WINDOWS	SINGLE HUNG	POCAHONTAS ALUMINUM COMPANY, INC. Model 100 VS	FL12940.2-R4 01/07/16	139
WINDOWS	SINGLE HUNG	MI WIRDOWS AND DOORS Model 185 SH	FL17459,1-R2 12/28/17	180
071774				

GENERAL NOTES:

- THESE PLANS PERTAIN ONLY TO THE STRUCTURE, INCLIDING MAIN WIND FORCE RESISTING SYSTEM, COMPONENTS AND CLADDING, AND BASE RALL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, INGRESSEGRESS PROPERTY SET-BACKS, OR OTHER LOCAL, ZOWING 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 UVE AND WIND LOADS. MAPROVEMENTS NOT SPECIFICALLY ADDRESSED HEREN WHICH SHERT, ADDITIONAL LOAD ON THE STRUCTURE, AND INSTALLATION OF DOORS, WINDOWS AND OTHER COMPONENTS NOT UISTED IN THE FREE APPROVED PRODUCTS UST ON THIS SHEET, AND NOT PROVIDED AND INSTALLED BY CARPORTS ANYWHERE, INC. SHALL BE AT THE OWNER'S RISK. BECHTOL ENGINEERING AND TESTING, INC., SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OF FAILURE DUE TO THE APPLICATION OF ADDITIONAL LOADS OF NON-APPROVED COMPONENTS.
- ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL. ALL FAS TENERS SHALL BE GALVANIZED OR STAINLESS STEEL
- FASTEN METAL ROOF AND WALL PANELS TO FRAMING WITH #12-14 x 34" SELF DRILLING FASTENERS WITH CONTROL SEAL WASHER @ G" O.C. AVERAGE
- ALL FIELD FRAMING CONNECTIONS SHALL BE #12-14 x 34" SELF DRILLING SCREWS WITHOUT CONTROL SEAL WASHER. ALL SHOP FRAMING CONNECTIONS SHALL BE WELDED.
- CONCRETE SHALL HAVE A MANUAUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40, CONCRETE SLAB FOUNDATIONS SHALL BE REINFORCED WITH 655-W1 4XV1 A WELDED WIRE FABRIC COMPLYING WITH ASTM A 185, OR WITH SYNTHETIC FIBER REINFORCEMENT COMPLYING WITH ASTM CITYLE.
- 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 CONGRETE FOOTING AND/OR CONCRETE SUAD CONSTRUCTION.
- CONCRETE EXPANSION ANCHORS SHALL BE WEI-IT ANKR-TITE MODEL AT 1252, OR SLEEVE ANCHOR MODEL HSA 1260, OR EQUIVALENT
- POST/RAFTER BRACING: BRACE ON EVERY POST/RAFTER CONNECTION, EXCEPT FOR END WALLS AND GABLE ENDS

10

- SLAB FOUNDATION SUBGRADE SOLIS SHALL BE TERMITE TREATED AND COVERED WITH 6 ML VAPOR RETARDER PER SECTION R318.1 OF THE FLORIDA BUILDING CODE SIXTH EDITION (2017) (FBC FE 2017) RESIDENTIAL, AND SECTION 1816.1 OF THE FBC FE 2017 BUILDING.
- 14 GA FRAMING IS 2-1/2" x 2-1/2" TUBE STEEL (TS), NIPPLES ARE 2-14" x 2-14" TS FOR 14 GA FRAMING. 12 GA FRAMING IS 2-14" x 2-14" TS. NIPPLES ARE 2" x 2" TS FOR 12 GA FRAMING.



DETAILS 1C AND 1D SHOWN ON SHEET 3 OF 4

METAL CARPORT INSTALLATION PLANS AND DETAILS FRAMING AND FASTENER SPECIFICATIONS

FOR CONSTRUCTION IN THE STATE OF FLORIDA

PREPARED FOR: CARPORTS ANYWHERE P.O. BOX 776 STARKE, FL 32091

BECHTOL ENGINEERING AND TESTING, INC. 605 WEST NEW YORK AVENUE Certificate of Authorization No. 00005492 DELAND, FLORIDA 32720 PREPARED BY:

CONCRETE: Concrete Shall Have a Minimum Strength of 2500 PSI at 28 Days

COVER OVER REINFORCING STEEL

REINFORCING STEEL: The reinforcing steel shall be minimum Grade 40.

GAL VANIZATION:

Micral accessories for use in solation wall construction and not directly exposed to the weather shall be palviolated in Accordance with ASTIA, 153, Class 12, Metal plate connectors, screws, botts and naise exposed directly to the weather shall be stainless steel or hot dispert galvanized.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

1. All reinforcement is bent cold:

All reinforcement is bent crois:

The dismeter of the bond, measured on the inside of the bar, is not less than starbar dismeters; and Reinforcement partially embedded in concrete shall not be feet bent.

EXCEPTION:

Where bending is necessary to align doned bass with a vertical cell, bars particly embedded inconceins shall be permitted to be barn at a slope of net more than 1 inch of horizontal displacement to 6 inches at vertical bar length.

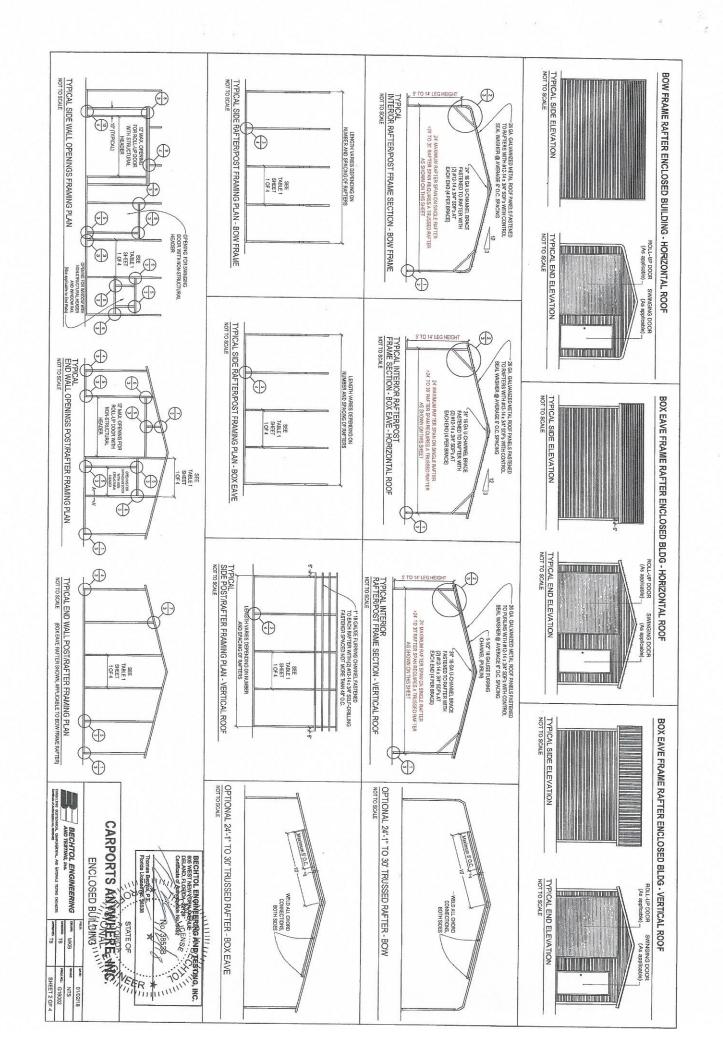
THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS HEREIN HAVE BEEN PREPARED BY THE UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609 OF THE FLORIDA BUILDING CODE, SIXTH EDITION (2017). THE PLANS ARE VALID UNTIL THE NEXT REVISION OF THE FLORIDA BUILDING CODE

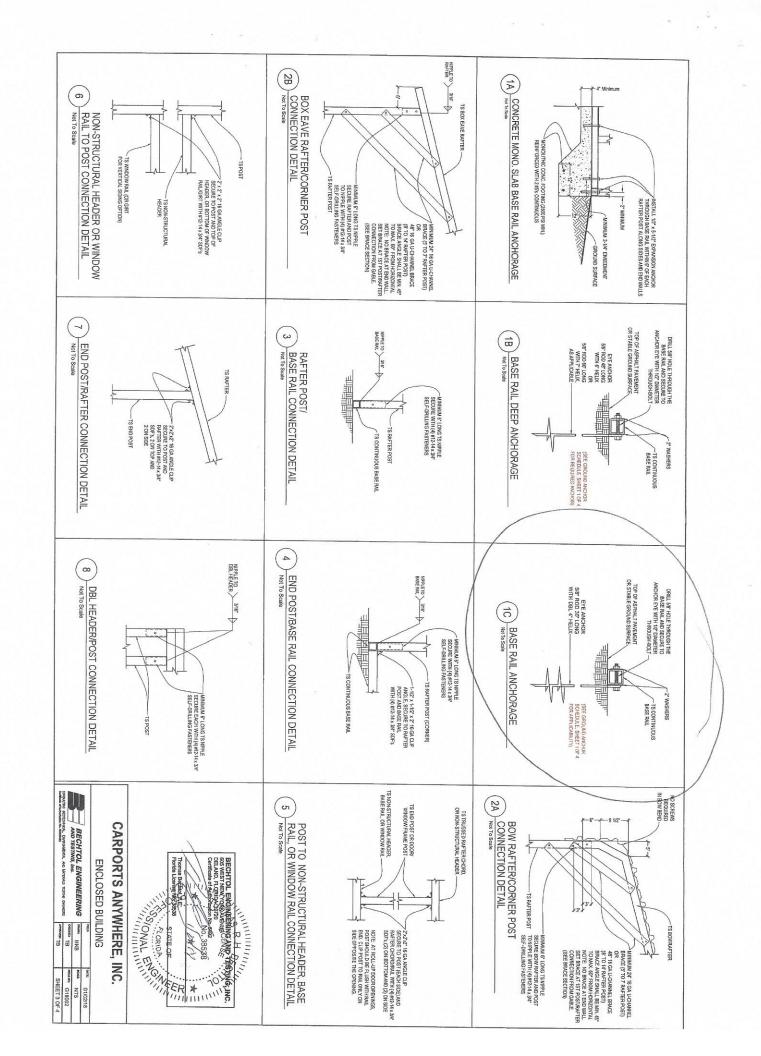


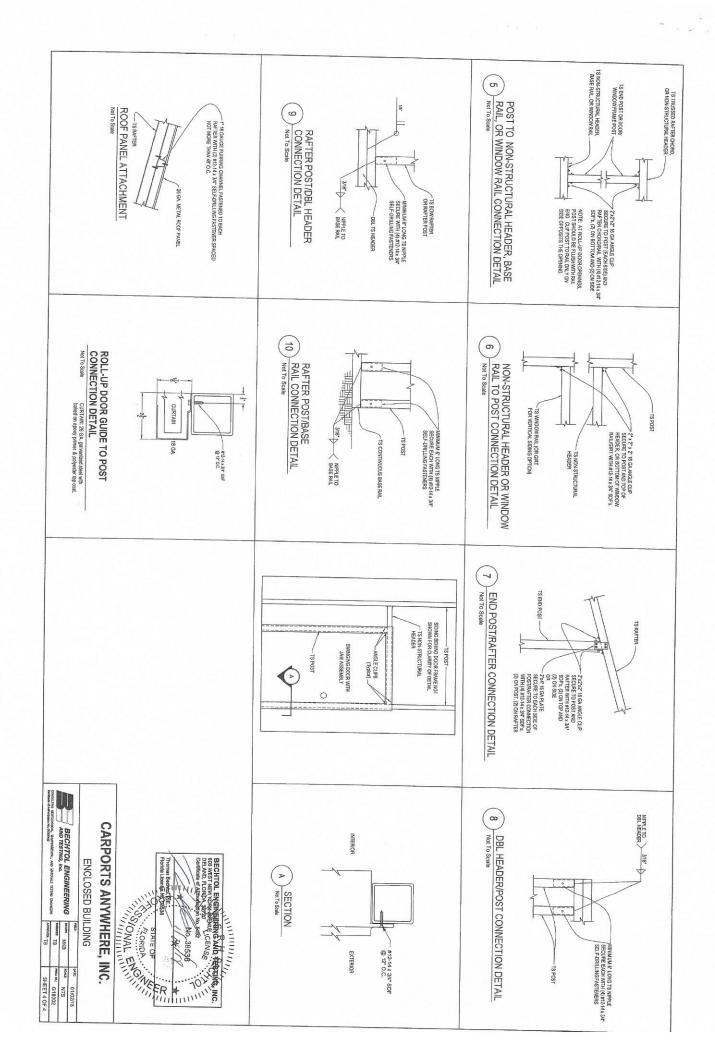
CARPORTS ANYWHERE, INC.

ENCLOSED BUILDING

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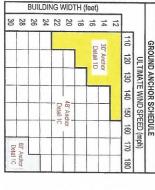
AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR	TABLE 1 RAFTER FRAME, END POST, GROUND ANCHOR AND PANEL FASTENER SPACING SPECIFICATIONS

	4.0	117 TO 139	151 TO 180	c
	5.0	89 TO 116	110 TO 150	,
. g	SPACING (FEET)	- 8	WIND SPEED (MPH)	EXPOSURE
FIER	MAXIMUM POST / RAFTER	NOMINAL	ULTIMATE	WIND

FBC APPROVED PRODUCTS LIST

GENERAL NOTES:

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- ALL FIELD FRAMING CONNECTIONS SHALL BE #12-14 x 34" SELF DRILLING SCREWS WITHOUT CONTROL SEAL WASHER. ALL SHOP FRAMING CONNECTIONS SHALL BE WELDED.
- CONCRETE SHALL HAVE A MINMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. THE REINFORCING STEEL SHALL BE MINMUM GRADE 40. CONCRETE SIJAB FOUNDATIONS SHALL BE REINFORCED WITH 6KHWT AXWI. 4 WELDED WIRE FABRIC COMPLINIG WITH ASTIM A 185, OR WITH SYNTHETIC FIBER REINFORCEMENT COMPLINIG WITH ASTIM C1116.
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DETAILS 1C AND 1D SHOWN ON SHEET 3 OF 4

METAL CARPORT INSTALLATION PLANS AND DETAILS FRAMING AND FASTENER SPECIFICATIONS

FOR CONSTRUCTION IN THE STATE OF FLORIDA

CARPORTS ANYWHERE P.O. BOX 776 STARKE, FL 32091 PREPARED FOR:

PREPARED BY:
BECHTOL ENGINEERING AND TESTING, INC. 605 WEST NEW YORK AVENUE DELAND, FLORIDA 32720 Certificate of Authorization No. 00005492

CONCRETE:
Concrete Shall Have a Minimum Specified Compressive Strongth of 2500 PSI at 28 Days

COVER OVER REINFORCING STEEL For foundations, minimum concrete cov

3 Inches in fundations where the constrible is set signal and garmanully in created with the earth or exposed to be a world or or weether, and 1 / 12 Choste selectwise. Reminioring has enhanced to provide data sub-these a trivisions and extension of set of the set of the product of the set of the product (3 lich for crease product bewess motification between the force of a set Reminioring best seed in the set of the product (3 lich for creases product bewess motification between the 2 inches for rescorpy units with lace exposed to set or reaction (1 / 12 inches for miscorry units not exposed to set or reaction).

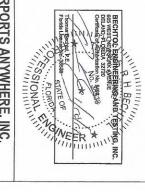
detail accessores for use in entairic wall occessorion and not directly exposed to the weather shall be abanated in secondamon with ASTMA 163, Cleas D2. Mai plate connectors, screws, bolts and naits exposed directly to the weather half be statisfies a steel or not dippled galvatarios.

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nefor of the bend, measured on the Inside of the bar, is not less than six-bar diameters; and ement partially embedded in concrete shall not be field bent.

3XCEPTON: Where bending is necessary to align dewel bass white a vertical cell, buts partably embedded in concrete shall be parmitted to be bend all a slope of not more than 1 inch of horizontal displacement to 5 toches of vertical bar length.

THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS FERRED HAVE EET BY REPEARED BY THE UNICERSONAL ENGINEER, AND SECTION 1899 OF THE FLURIDA BUILDING CODE. SYNTHEORY OF THE FLORIDA BUILDING CODE THE FLORIDA BUILDING CO



CARPORTS ANYWHERE, INC

ENCLOSED BUILDING

AND TESTING, CONSULTED STATEMENT IS SECONDAL, DATE OF THE PARTY TH

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