RISK RAFTER FRAME, END POST, GROUND ANCHOR AND PANEL FASTENER SPACING SPECIFICATIONS TABLE 1 WIND EXPOSURE CATEGORY ULTIMATE WIND SPEED (MPH) 110 TO 150 NOMINAL WIND SPEED (MPH) 89 TO 116 MAXIMUM POST / RAFTER SPACING (FEET) 5.0 INTERIOR POSTS/RAFTERS AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS OR GIRTS 6 END POSTS/RAFTERS 6

NOTES: Specifications applicable to 26 gauge metal
 Specifications applicable only for mean roof heights and/or slopes may vary. 10 26 gauge metal roof and wall panets fastened directly to 12 or 14 gauge steel tube framing, or 18 gauge hat channel roof purlins, only for mean roof height of 20 feet or less, and roof slopes of 7" to 27" (1.5:12 to 6:12 pitch). Spacing requirements for other roof

0

151 TO 180

117 TO 139

4.0

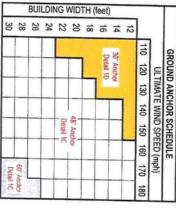
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FBC APPROVED PRODUCTS LIST

WINDOWS	WINDOWS	EXTERIOR DOORS	EXTERIOR DOORS	EXTERIOR DOORS	EXTERIOR DOORS	STRUCTURAL COMPONENTS	STRUCTURAL COMPONENTS	STRUCTURAL COMPONENTS	STRUCTURAL COMPONENTS	PRODUCT CATEGORY
SINGLE HING	SWGLE HUNG	ROLL-UP	ROLL-UP	SWINGING	SWINGING	FLOOD VENT	STRUCTURAL WALL	STRUCTURAL WALL	ROOF DECK	SUB CATEGORY
M WINDOWS AND DOORS Model 185 SH	POCAHONTAS ALUMINUM COMPANY, INC. Model 100 VS	JANUS INTERNATIONAL CORPORATION Series 756	ASTA INDUSTRIES INC. Model 203	ELIXIR DOOR AND METAL COMPANY Series 407	THERMA-TRU CORPORATION Classic Craft	FLOOD SOLUTIONS, LLC Model FS-1809	FABRAL 26 Gauge Grandbeam Penel	UNION CORRUGATING COMPANY 25 George MasterBib Panel	URBON CORRUGATING COMPANY 26 Geoge Mester92-Panel	MANUFACTURER
FL17499.1-R2 12/29/17	FL12940 2-RH 01/07/18	FL12765.4-R5 10/07/17	FL6885 1-R5 1005/17	FL17896.5 09/07/15	FL15225,1-R4 12/23/17	FL175M.2 0425H5	FL14081.1-R3 10/11/17	FL9555, 2-FM 12:12:17	FL855 2-R4 12/12/17	APPROVAL No. & DATE
180	139	130	180	170	180	š	160	180	185	MAXIMUM ALLOWABLE WIND SPEED

- 1. 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, INGRESSEGRESS, PROPERTY SET-BACKS, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE RESPONSIBILITY OF CHI-FRS. GENERAL NOTES:
- ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL. ALL FASTENERS SHALL BE GALVANIZED OR STANLESS STEEL 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 WHICH EXERT ADDITIONAL LOAD ON THE STRUCTURE. AND NOT PROVIDED AND INSTALLED BY CARPORTS NOT LISTED IN THE FBC. APPROVED PRODUCTS UST ON THIS SHEET, AND NOT PROVIDED AND INSTALLED BY CARPORTS ANYWHERE, INC. SHALL BE AT THE OWNERS RISK. BECHTOL ENGINEERING AND TESTING, INC., SHALL NOT BE RESPONSIBLE FOR STRUCTURAL DAMAGE OR FALURE DUE TO THE APPLICATION OF ADDITIONAL LOADS OF NON-APPROVED COMPONENTS.
- 4. FASTEN METAL ROOF AND WALL PANELS TO FRAMING WITH #12-14 x 34" SELF DRILLING FASTENERS WITH CONTROL SEAL WASHER @ 6" O.C. AVERAGE
- ALL FIELD FRAMING CONNECTIONS SHALL BE #12-14 x 34" SELF DRILLING SCREWS WITHOUT CONTEX, SEAL WASHER, ALL SHOP FRAMING CONNECTIONS SHALL BE WELDED.
- 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 4XXX1 A WELDED W WRE FABRIC COMPLYING WITH
- 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.
- 8. CONCRETE EXPANSION ANCHORS SHALL BE WELFT 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.
- SLAB FOUNDATION SUBGRADE SOLS 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 2-1/4" x 2-1/4" TS FOR 14 GA FRAMING. 12 GA FRAMING IS 2-1/4" x 2-1/4" TS. NIPPLES ARE 2" x 2" TS FOR 12 GA FRAMING



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

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

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

MA BUILDING

Received

for

PARTMEN

(2500 PSI at 28 Days.

COVER OVER REINFORCING STEE:
For foundations, minimum executes cover uninxions based white.
For foundations, minimum executes cover uninxions based permanently in contact with the earth or exposed to the earth.
Sinches in foundations where the connected is cell adjects and permanently in contact with the earth or exposed to the earth.
Sinches in foundations where the connected is cell adjects do not provided cells shall have a minimum clear discharge or weather, so if not foundation is cell adjects for the earth of the

vFORCING STEEL: reinforcing steel shall be minimum Grade 40.

Socressories for use in enablic wall coordination and not directly exposed to the weather shall be palvariesel in Ordence with ASTIM A 150, Obes 8-2. Meals place connection, screen, both and naite exposed directly to the weather be staineds stated or Ind dipport (advantated.

EINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED.

All conforcement is bent cod;
The diameter of the bent, in restance on the inside of the bent, is not less than sin the diameters; and Reinforcement partially embedded in concrete that rost be field bent.

EXCEPTION:
Where bending is necessary to align dowel bars with a vertical cell, where bending is necessary to align dowel bars with a vertical cell, permitted to be bent at a slope of not more than 1 inch of hotizontal

, bars partially embedded in concrete shall be I displacement to 6 inches of vertical bar length.

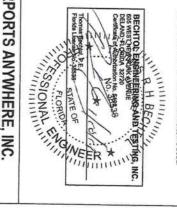


Code

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 1699 OF THE FLORIDA BUILDING CODE.

SIXTH EDITION, 190717, THE PLANSA REVIALD WITH.

THE NEXT REVISION OF THE FLORIDA BUILDING CODE.



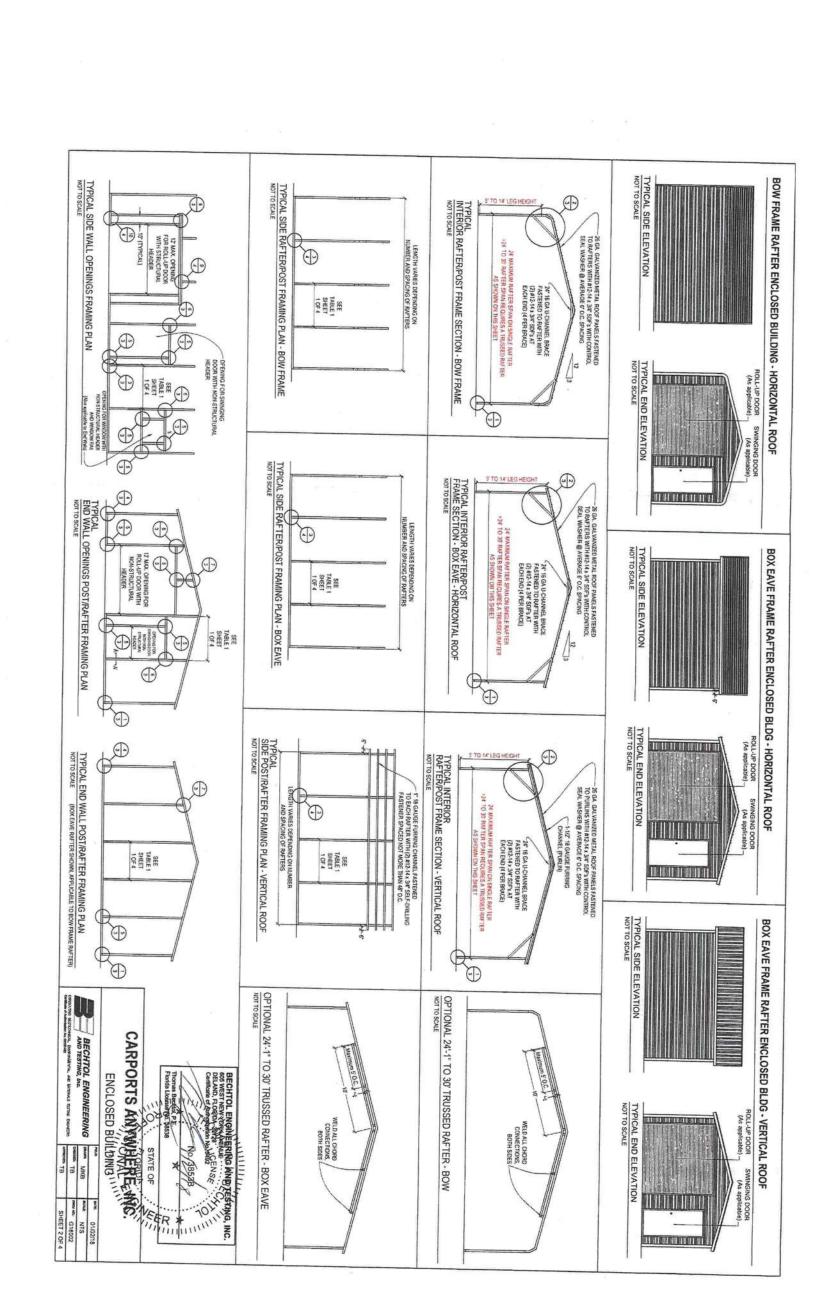
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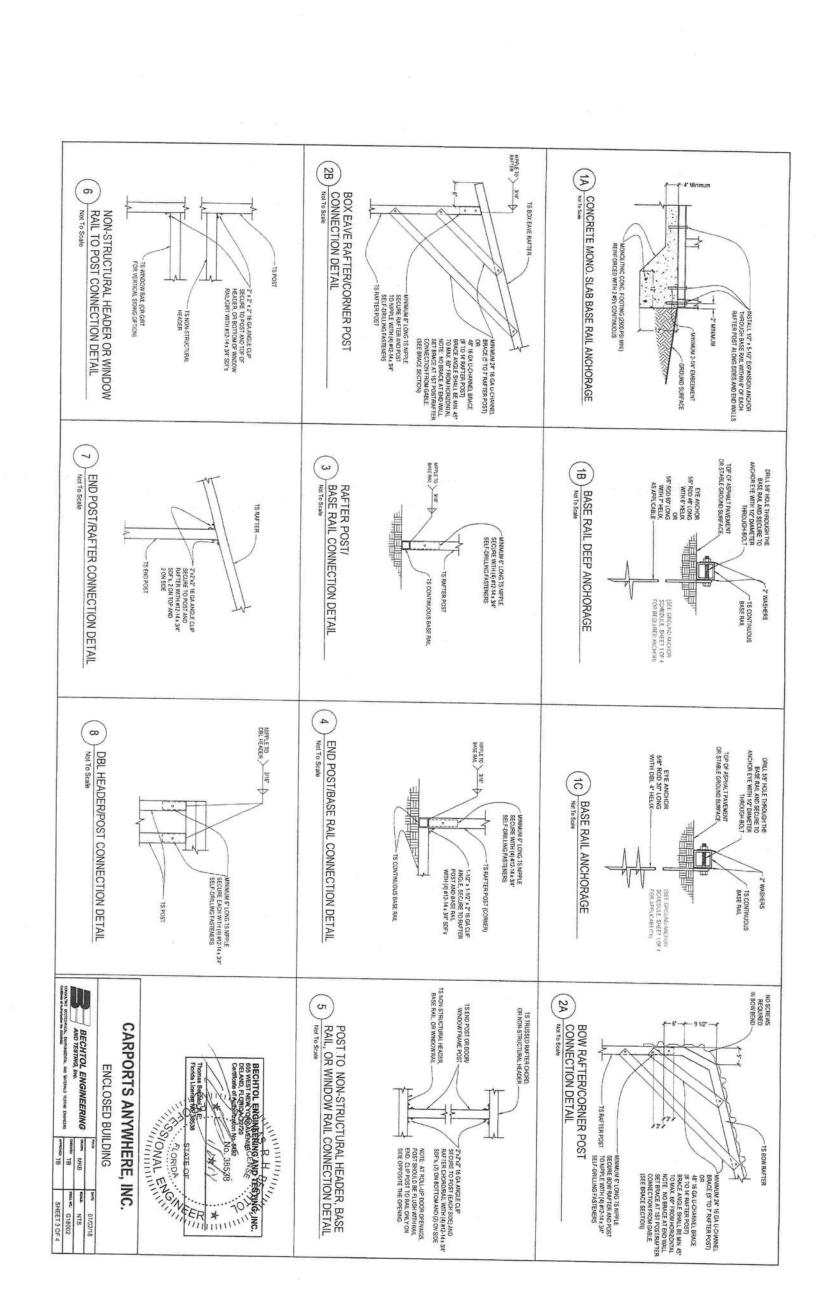
ENCLOSED BUILDING

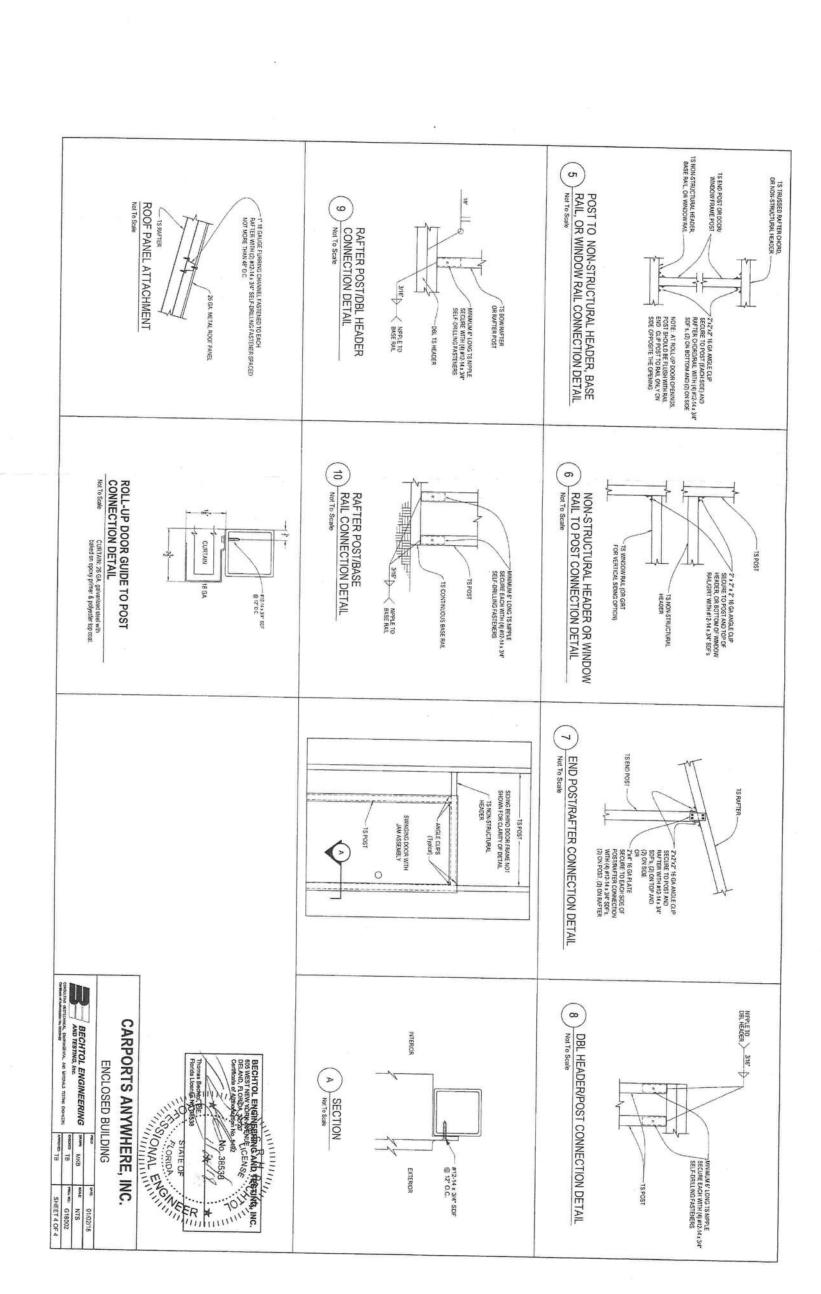
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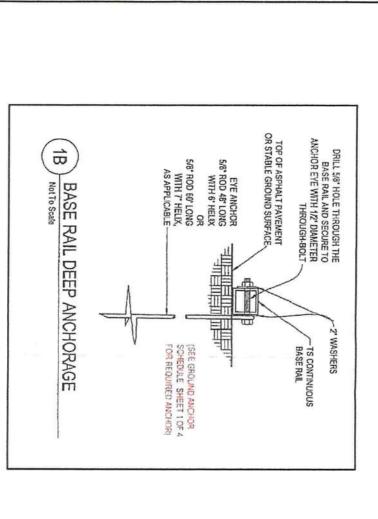
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DOMAR	SECHTOL ENGINEERING NO TESTING, INC. DARFORDERY, NO DICTULS TUSHS DIRRETTE DESCRIPTION.						
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SHEET1	01819 : se rose	SIN see	01/02				









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NON-STRUCTURAL CONCRETE SLAB TO ACT AS TOP OF ASPHALT PAVEMENT OR STABLE GROUND SURFACE

MEMBERS AND ANCHORAGE PER CARPORT ANYWHERE, INC. DRAWING SET

CARPORT ANYWHERE, INC. ORIGINAL DETAIL

SCALE: NONE









DATE: D.	2K2091	COMM. Nr.:
Date: 2020.09.25 12:04:57 -05'00'	igitally signed by: N, P. GEISLER N: CN = N. P. GEISLER C = US = AR0007005 OU = ARCHITECT	

25SEP2020

E-SEAL