

TABLE 1
BOWWATER FRAME, END POST, GROUND ANCHOR AND PANEL FASTENER SPACING
SPECIFICATIONS

RISK CATEGORY	WIND EXPOSURE CATEGORY	ULTIMATE WIND SPEED (MPH)	NOMINAL WIND SPEED (MPH)	MAXIMUM RAFTER/BOW AND END POST SPACING (FEET)	AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS OR GIRTS (INCHES)	
					INTERIOR BOWS/RAFTERS	END BOWS/RAFTERS
I, II, III, or IV	B, C, or D	115 TO 160	89 TO 116	5.0	6	6
		161 TO 180	117 TO 139	4.0	6	6

NOTES: 1. Specifications applicable to 26 gauge metal panels fastened directly to 12 or 14 gauge steel tube bow frames.
2. Fasteners consist of 1/4"-14X1" self-drilling screws with control seal washer.
3. Specifications applicable only for main roof height of 20 feet or less, and roof slopes of 14" (3 1/2 pitch). Spacing requirements for other roof heights and/or slopes may vary.
4. Ground anchor requirements, see 1 @ each corner and one every other interior bowwater post location, at a maximum of 10' O.C. and both sides of openings where base rails absent.
5. Ground anchors are not required with concrete slab construction.

APPROVED PRODUCTS LIST

PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	APPROVAL NO. & DATE
STRUCTURAL COMPONENTS	ROOF DECK	CAROLINA CARPORTS, INC. 26 Gauge AG Panel	FL6596-R2 10/09/12
STRUCTURAL COMPONENTS	STRUCTURAL WALL	CAROLINA CARPORTS, INC. 26 Gauge AG Panel	FL6702-R2 10/09/12
EXTERIOR DOORS	SWINGING	ELKIR INDUSTRIES GA. Model 402-11	FL1722-R4 03/4/12
EXTERIOR DOORS	ROLL-UP	ASTA INDUSTRIES INC. Model 203	FL8988-R3 06/03/12
WINDOWS	SINGLE HUNG	POCAHONTAS ALUMINUM COMPANY, INC. Model 100 VS	FL12940-R1 04/06/12

GENERAL NOTES:

1. ALL STEEL TUBING SHALL BE 30 KSI STEEL.
2. FASTEN METAL ROOF AND WALL PANELS TO FRAMING WITH 1/4" x 1" SELF DRILLING FASTENERS WITH CONTROL SEAL WASHER @ 10' O.C. AVERAGE.
3. ALL FIELD CONNECTIONS SHALL BE 1/4" x 1" SELF DRILLING SCREWS.
4. ALL SHOP CONNECTIONS SHALL BE WELDED.
5. CONCRETE EXPANSION ANCHORS SHALL BE WEIGHT ANCHOR-TITE MODEL AT11252, OR SLEEVE ANCHOR MODEL HSA 1200, OR EQUIVALENT.

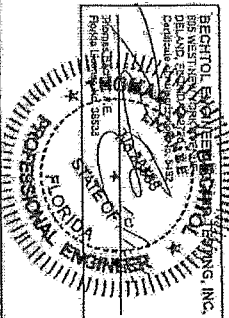
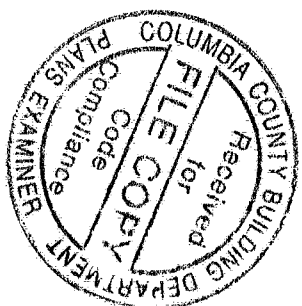
METAL CARPORT INSTALLATION PLANS AND DETAILS
AND
FRAMING AND FASTENER SPECIFICATIONS

FOR CONSTRUCTION IN THE
STATE OF FLORIDA
PREPARED FOR:
CAROLINA CARPORTS, INC.
P.O. BOX 1253
DOBSON, NORTH CAROLINA 27017
PREPARED BY:
BECHTOL ENGINEERING AND TESTING, INC.
605 WEST NEW YORK AVENUE
DELAND, FLORIDA 32720
Certificate of Authorization No. 00005492

WINDOW AND DOOR NOTE

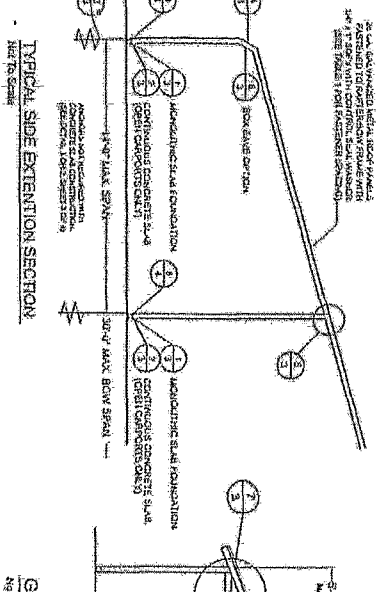
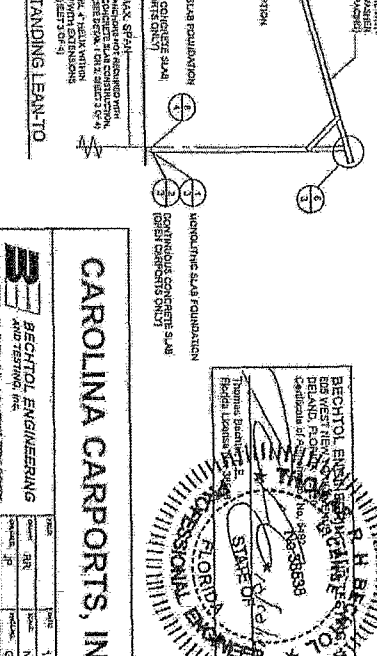
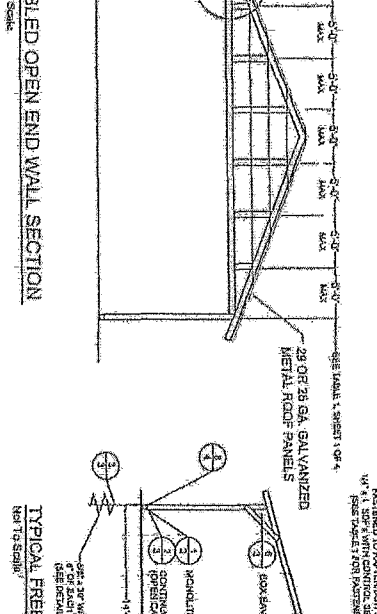
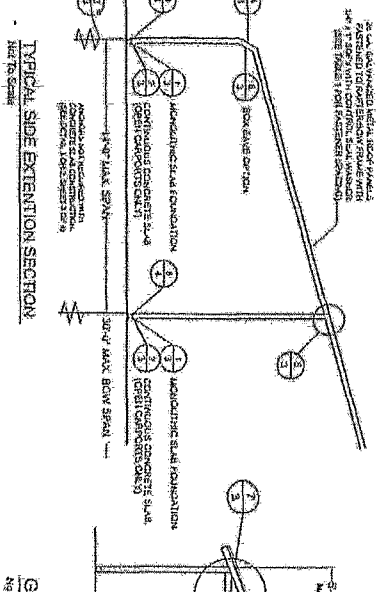
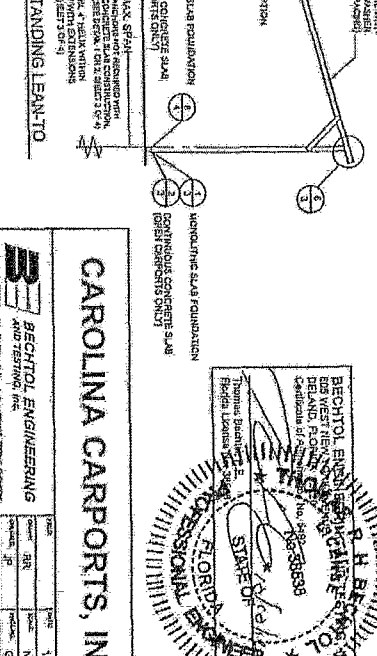
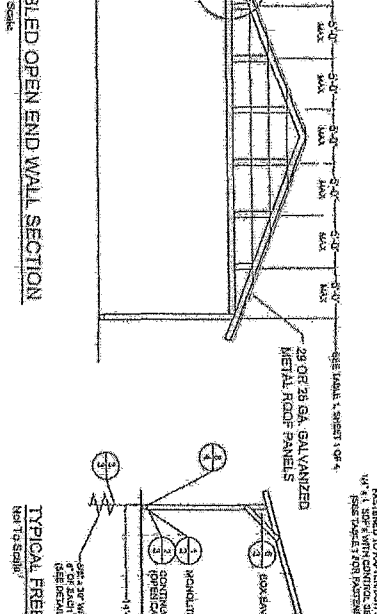
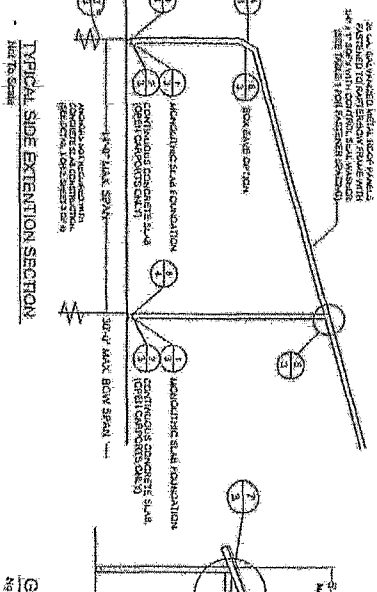
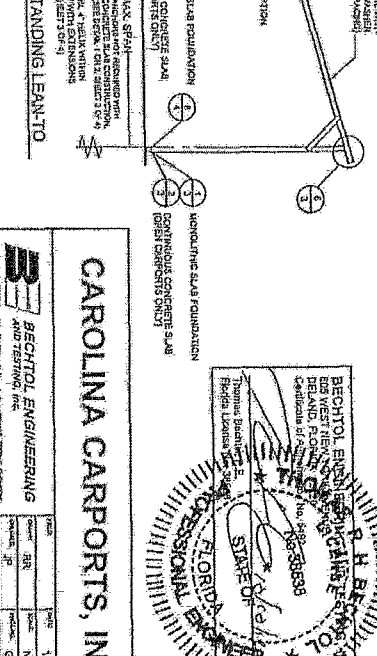
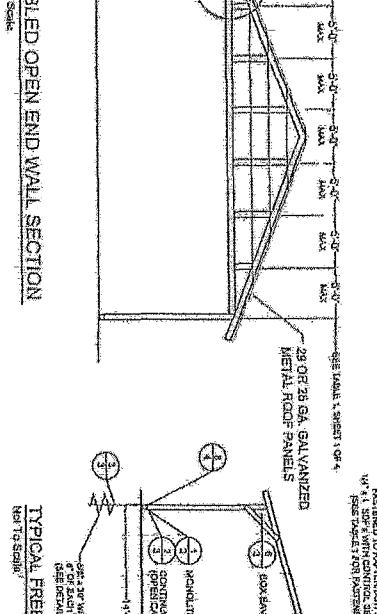
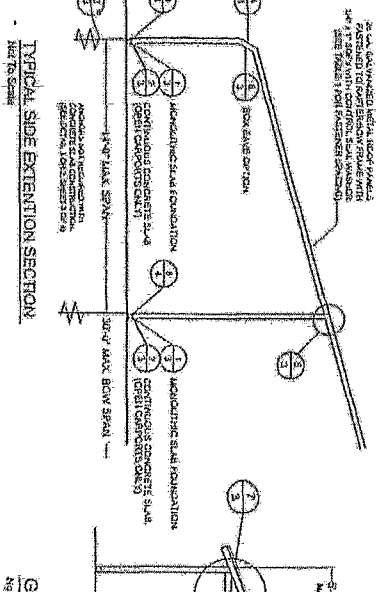
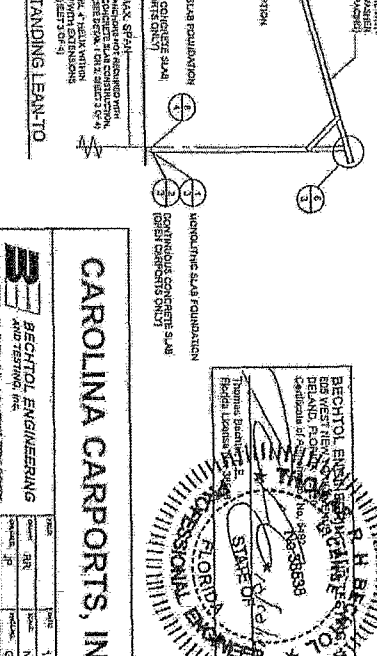
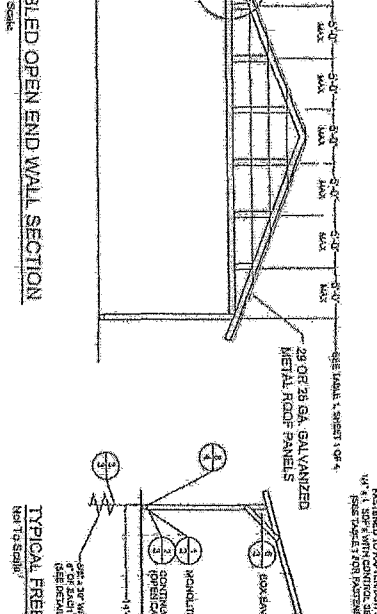
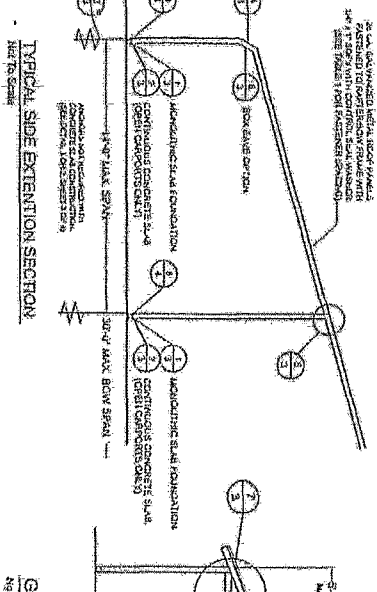
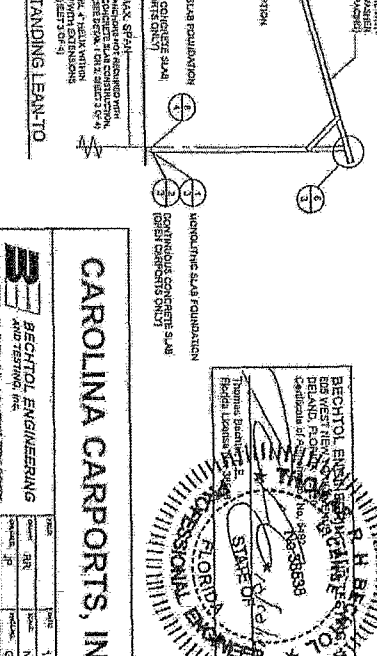
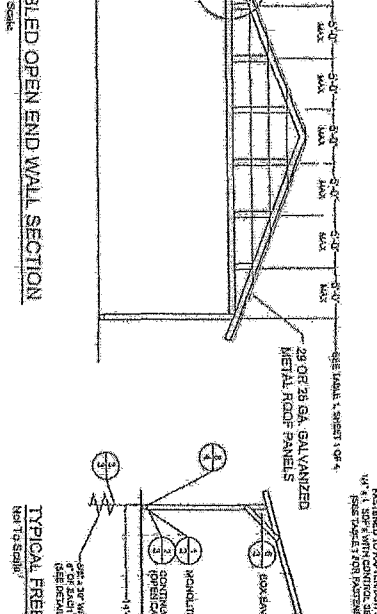
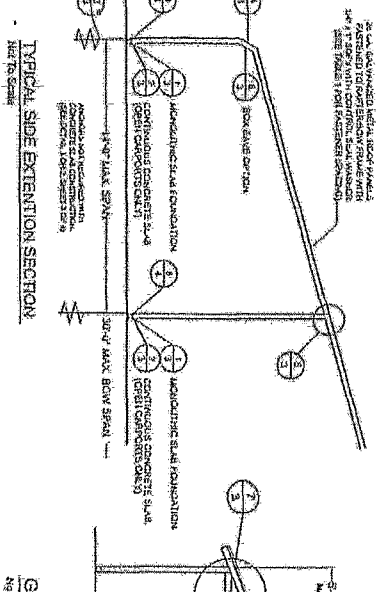
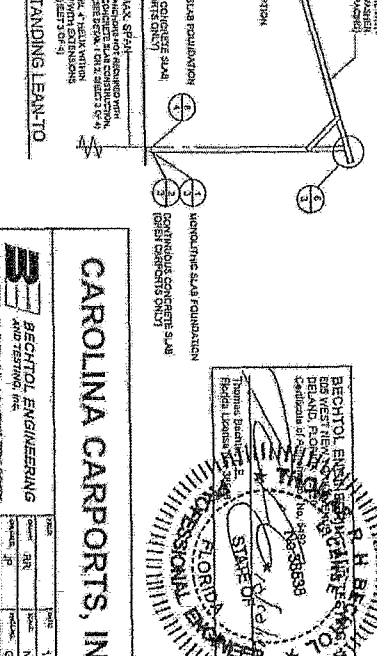
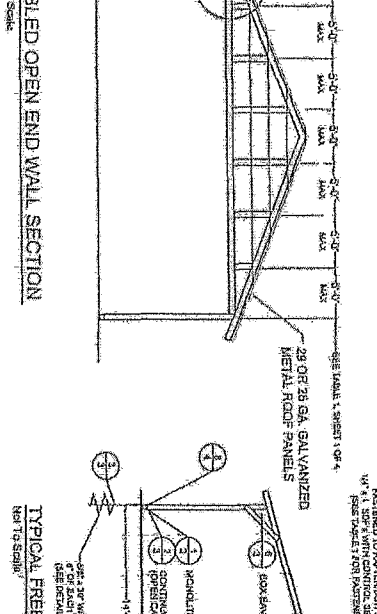
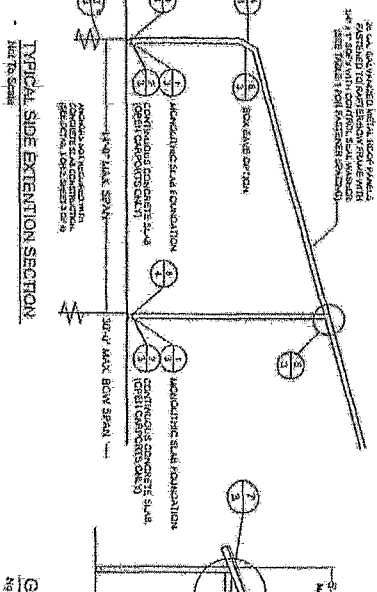
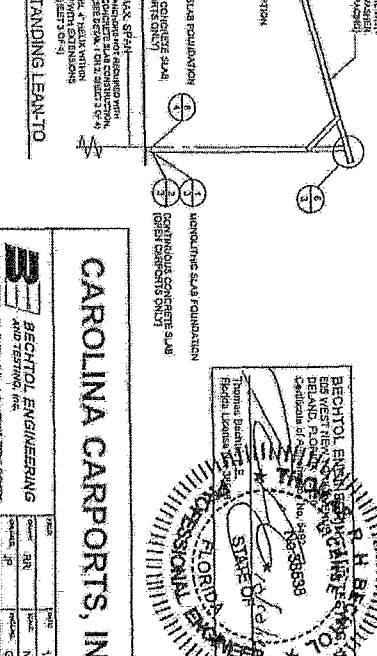
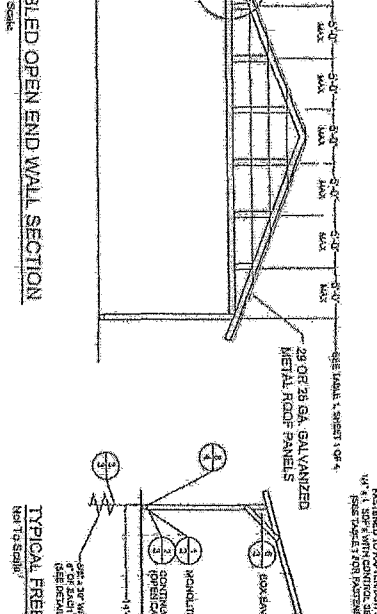
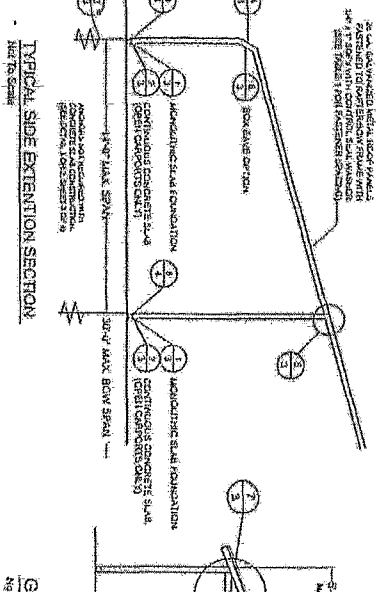
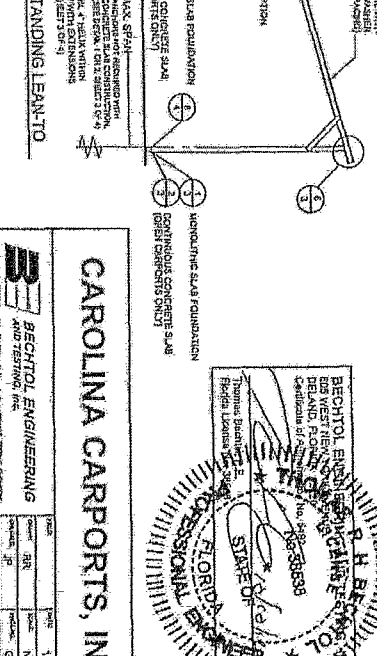
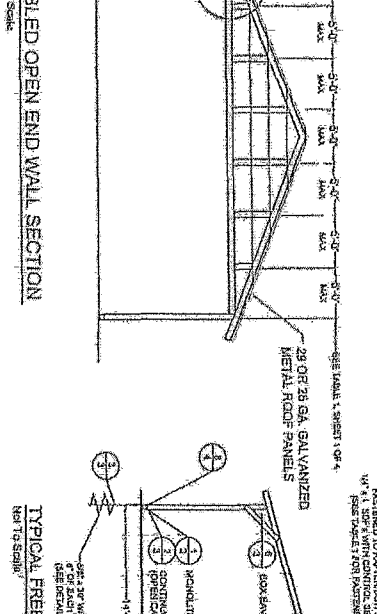
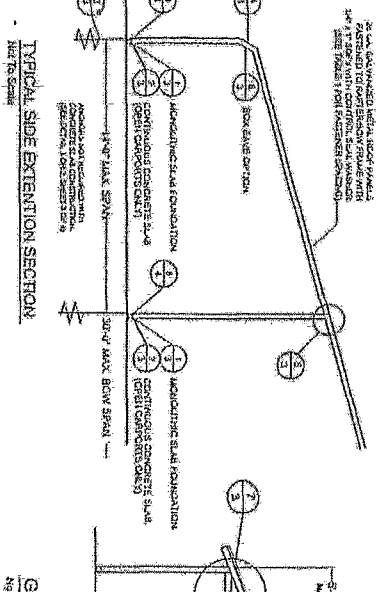
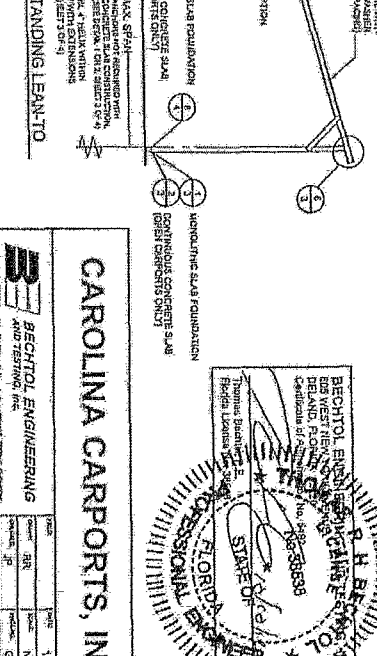
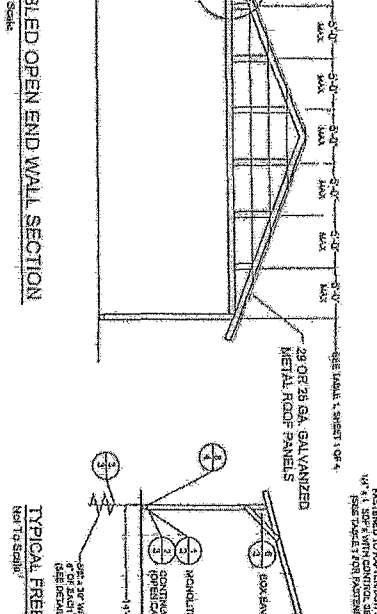
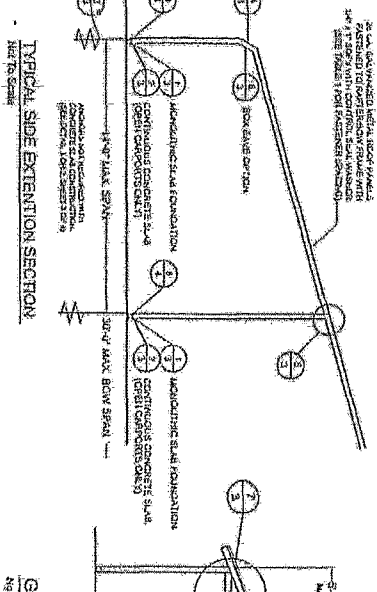
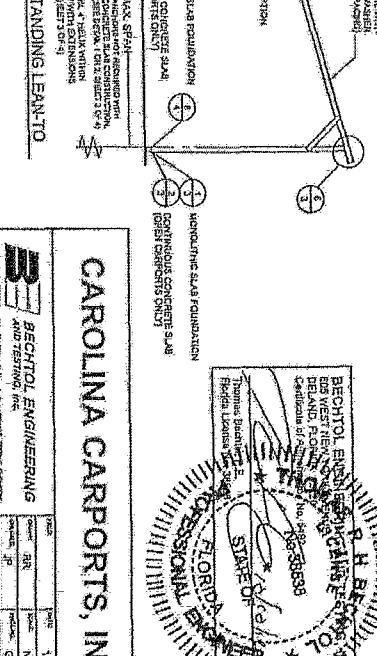
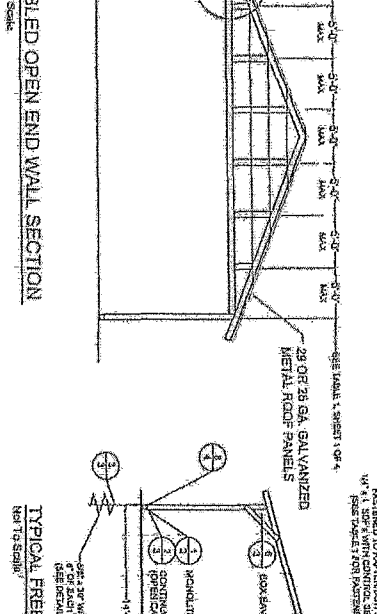
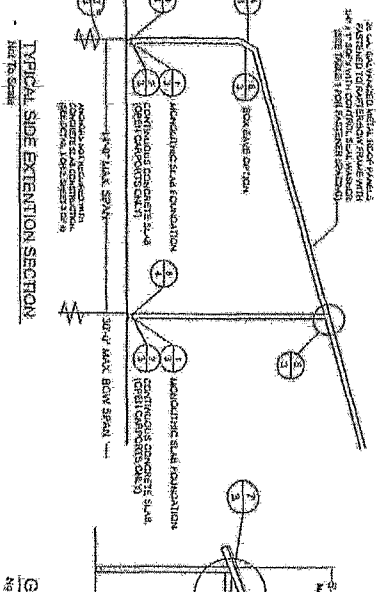
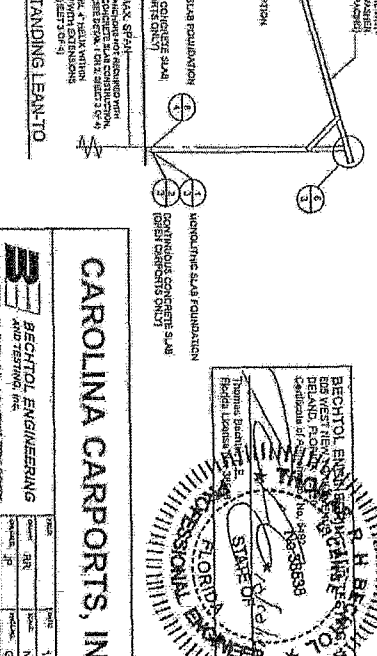
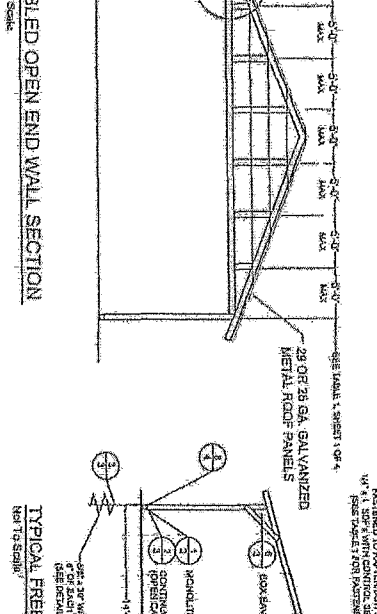
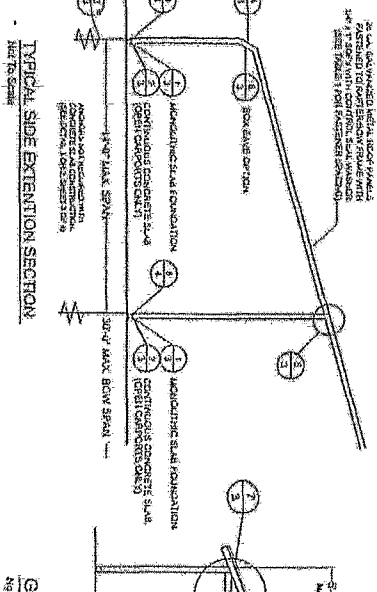
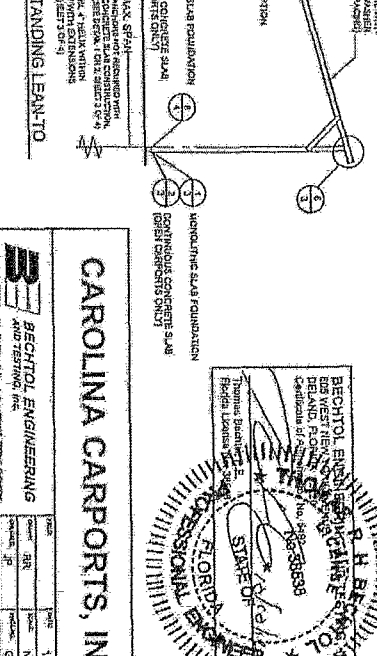
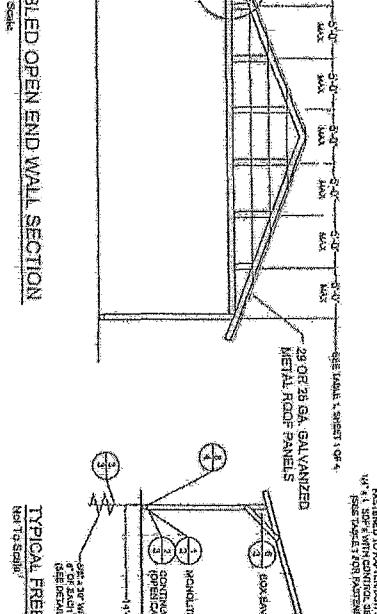
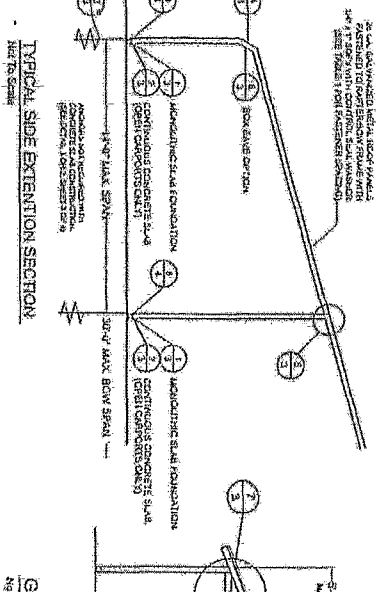
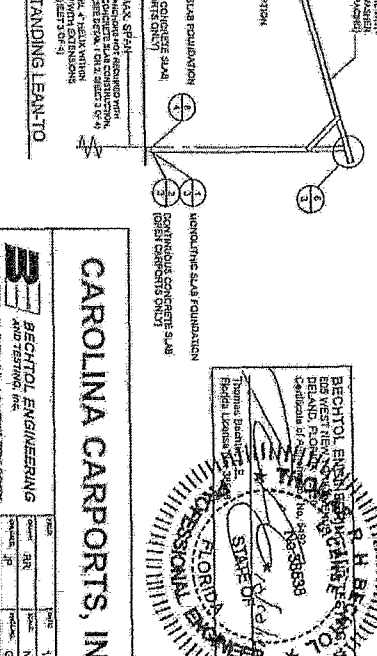
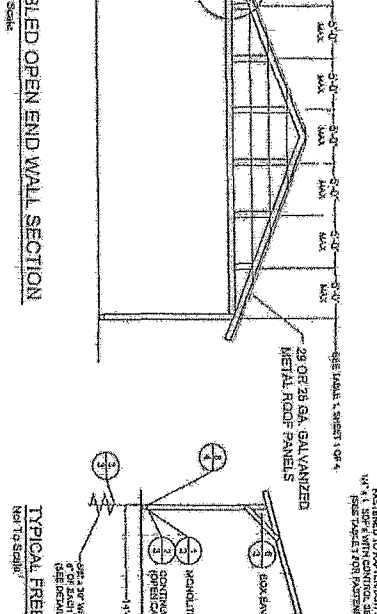
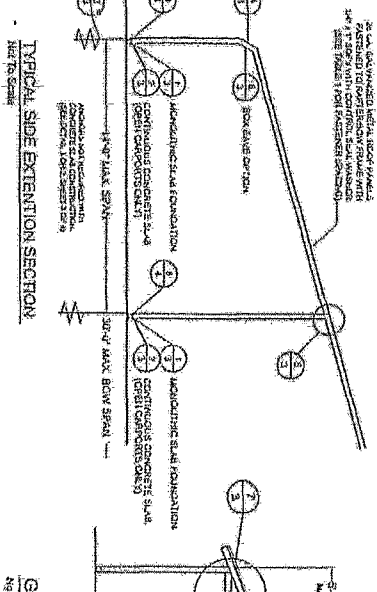
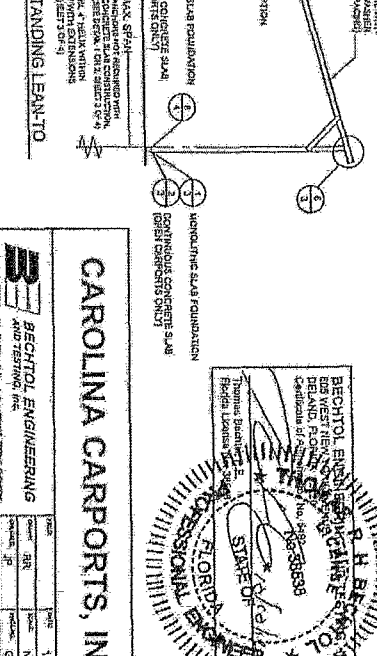
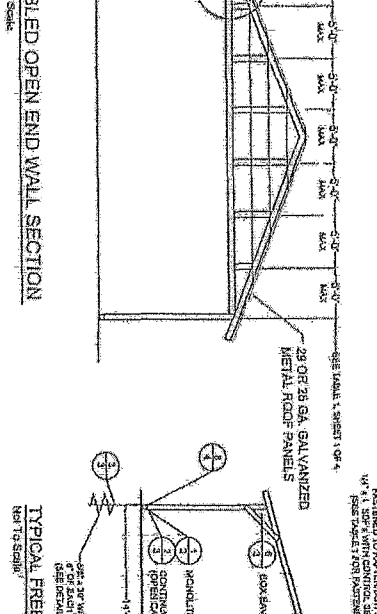
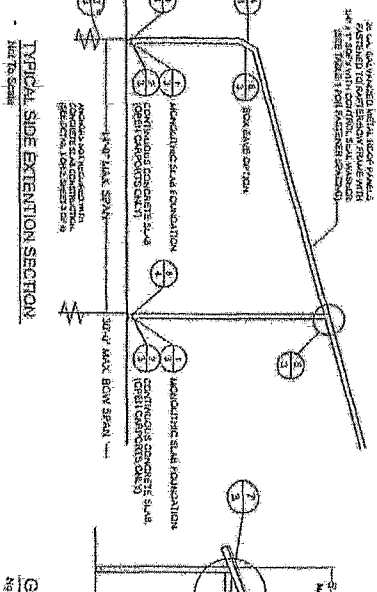
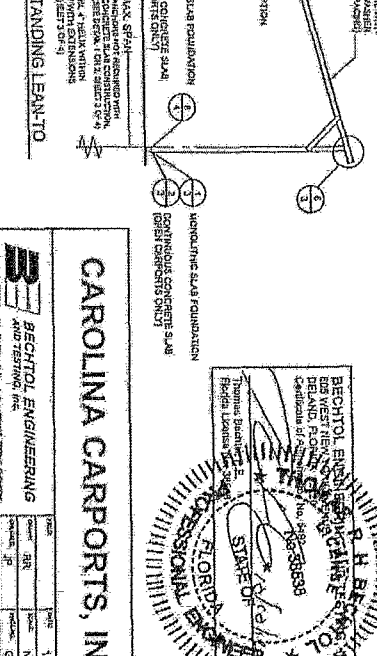
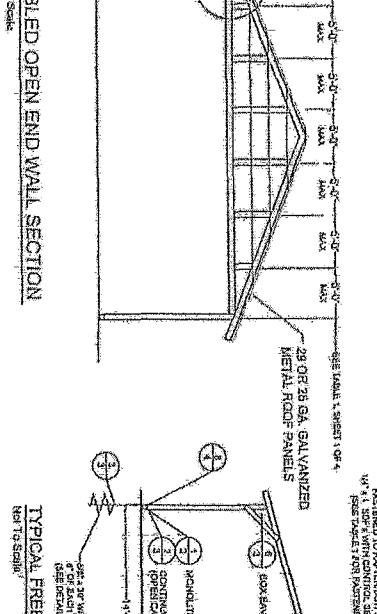
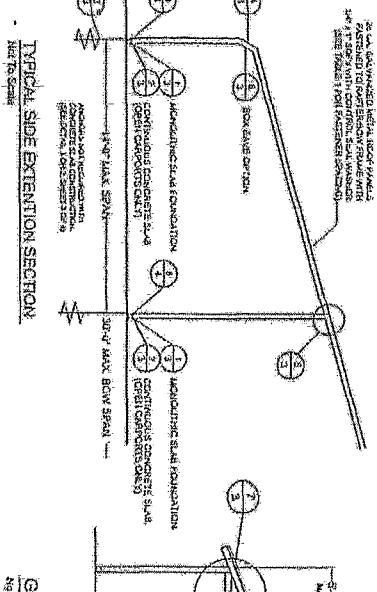
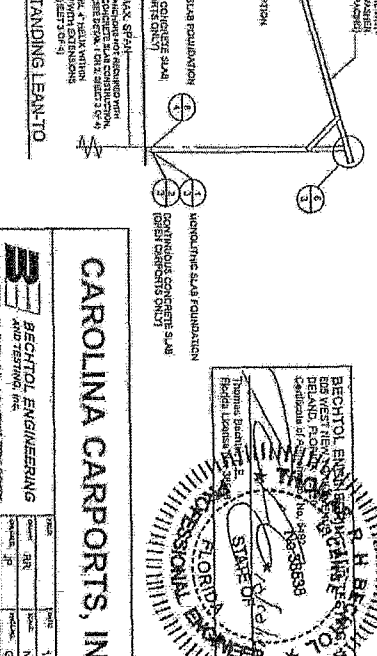
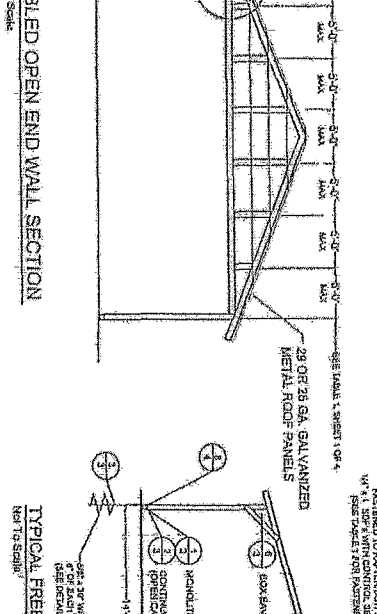
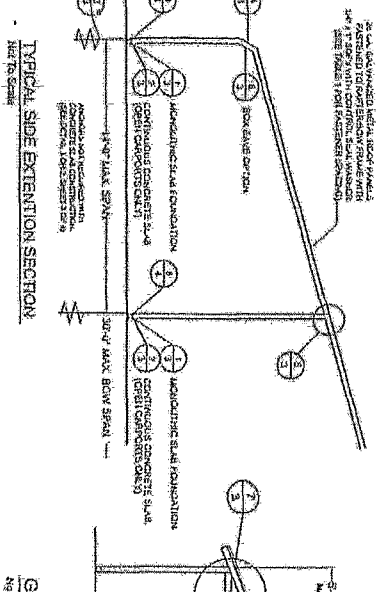
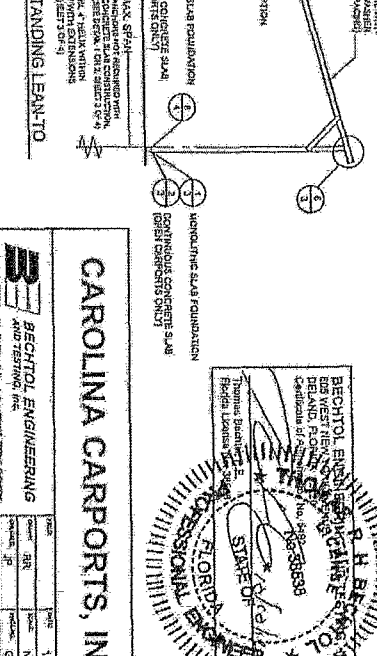
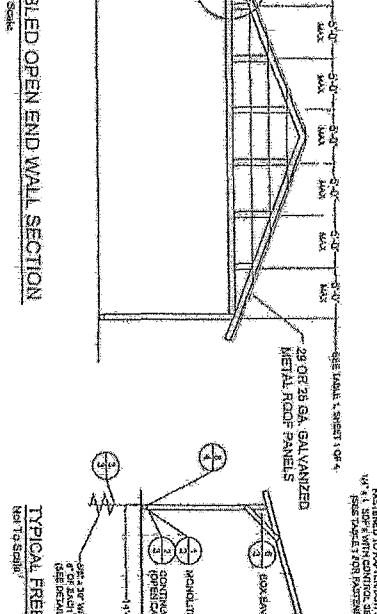
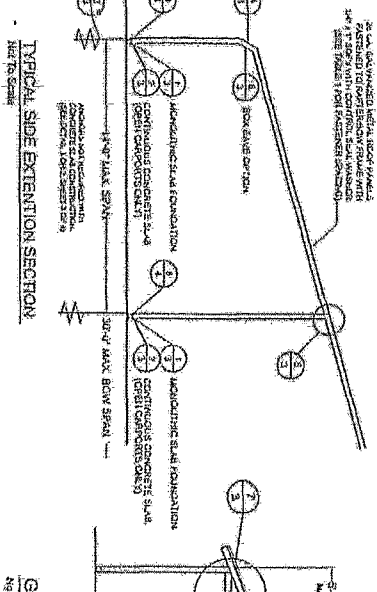
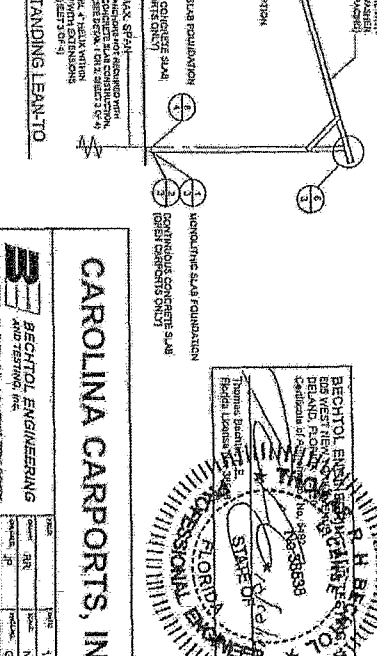
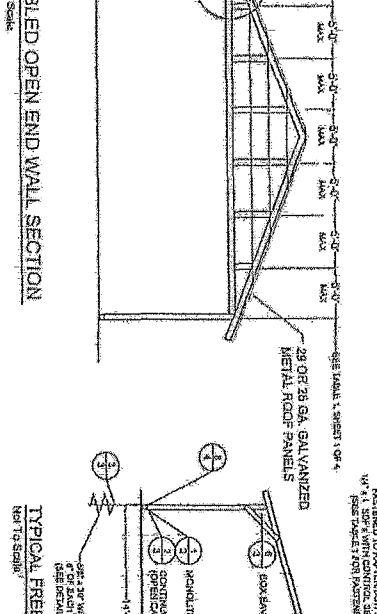
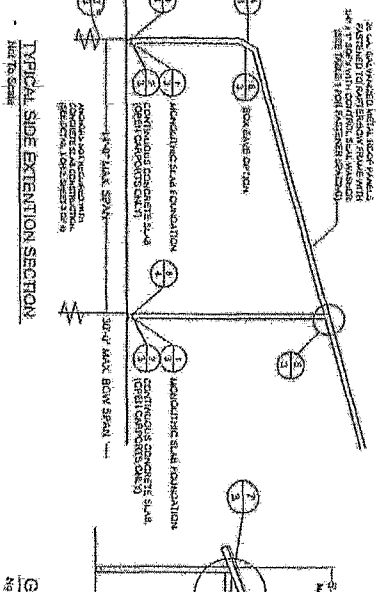
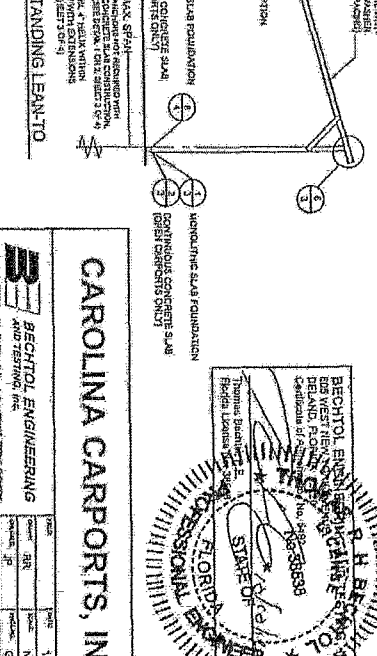
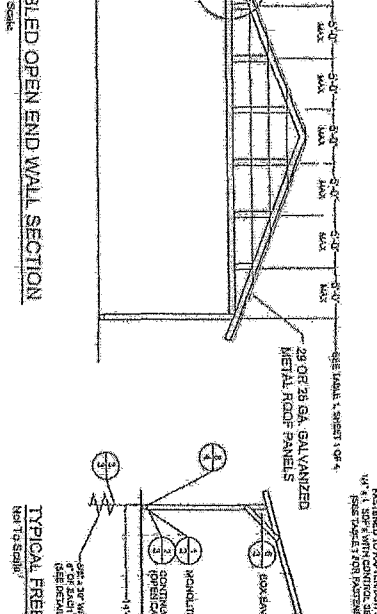
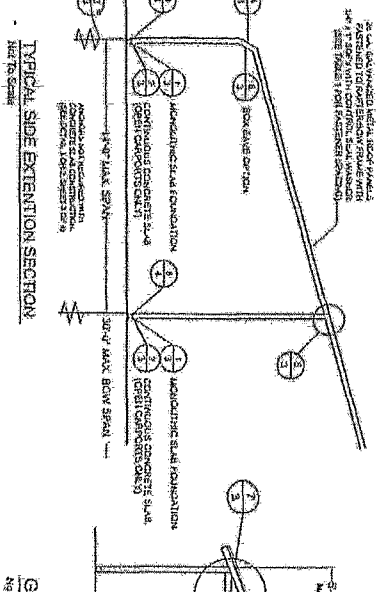
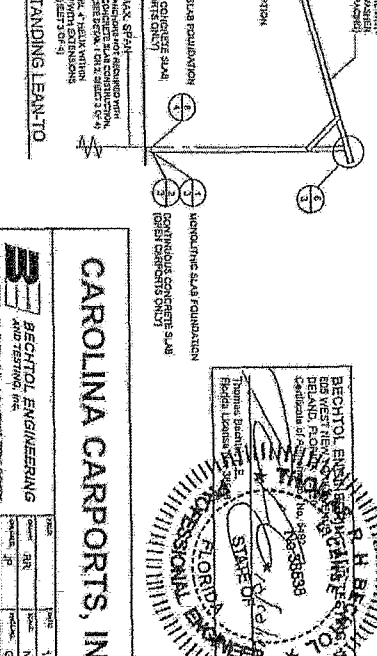
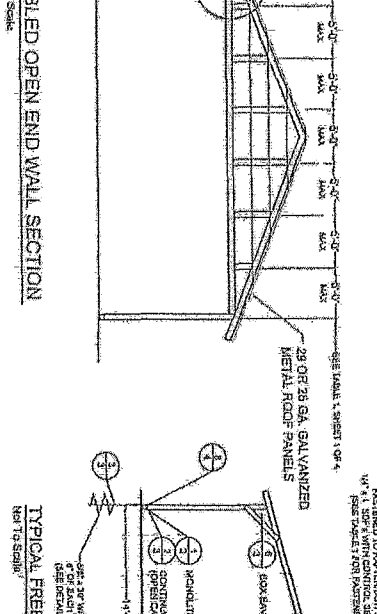
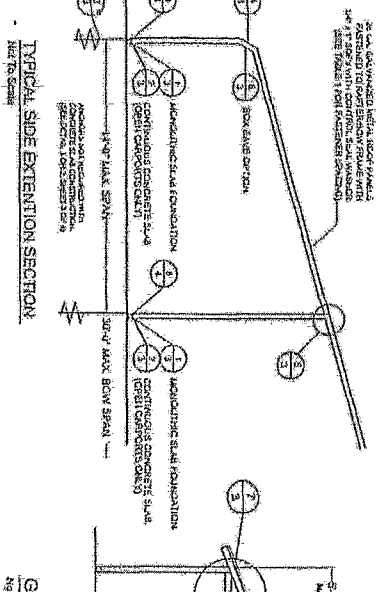
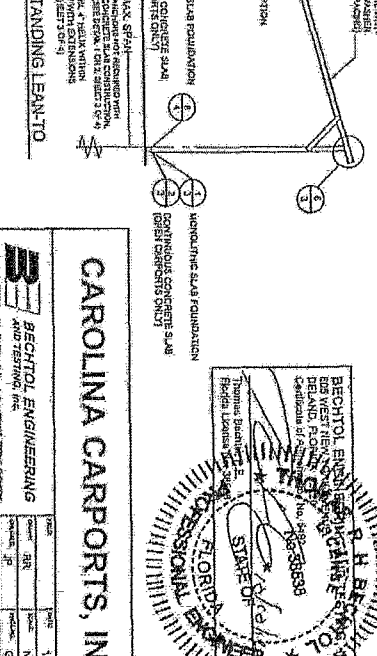
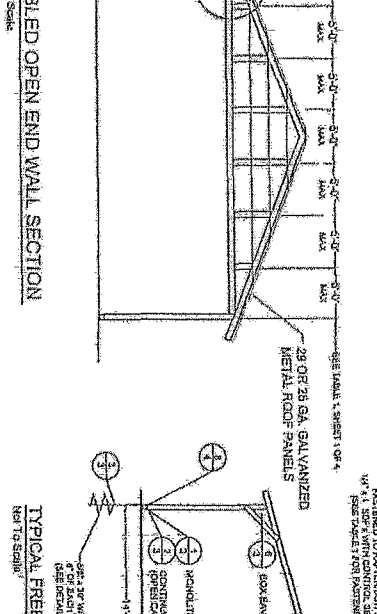
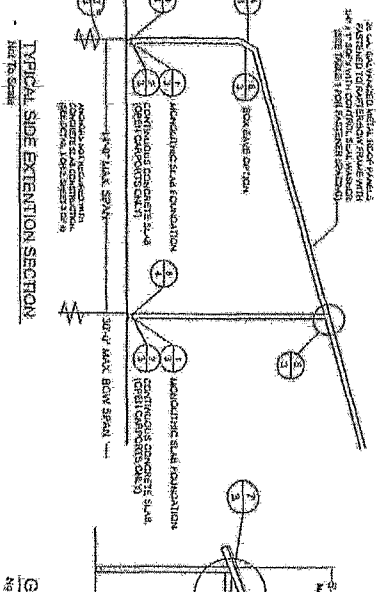
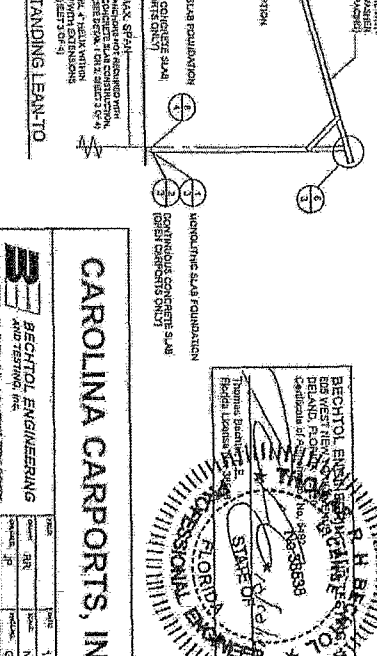
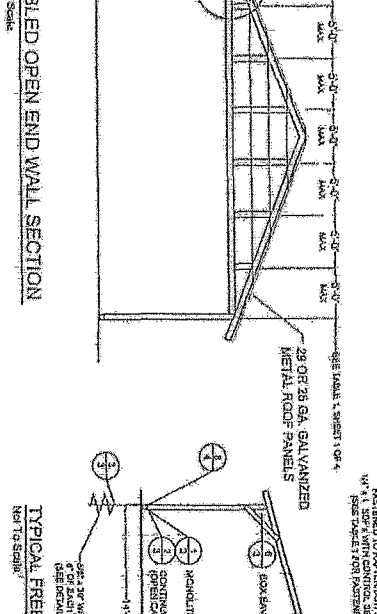
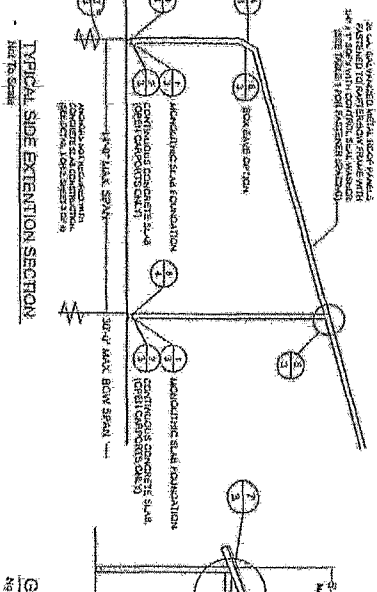
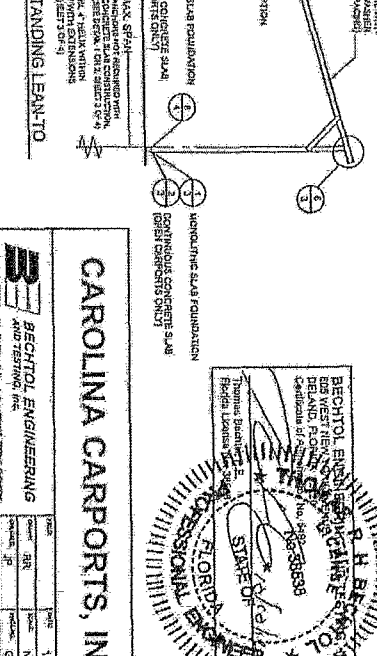
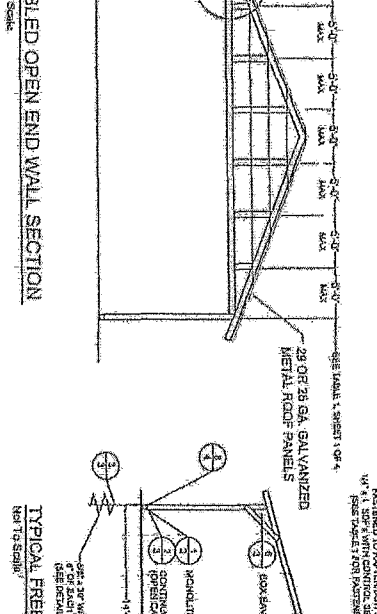
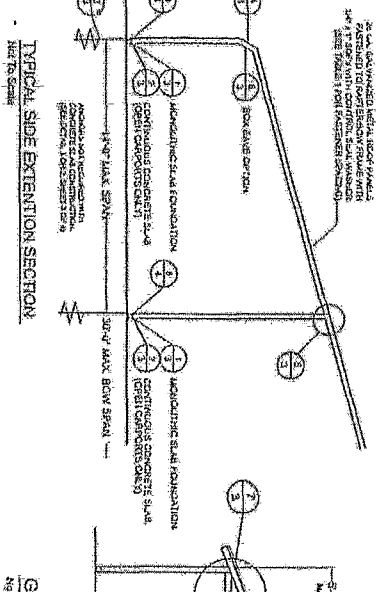
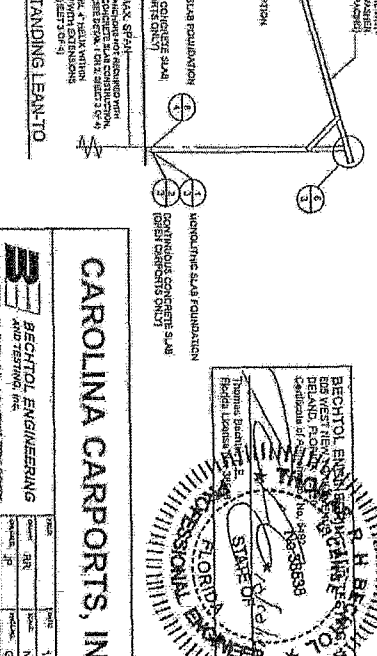
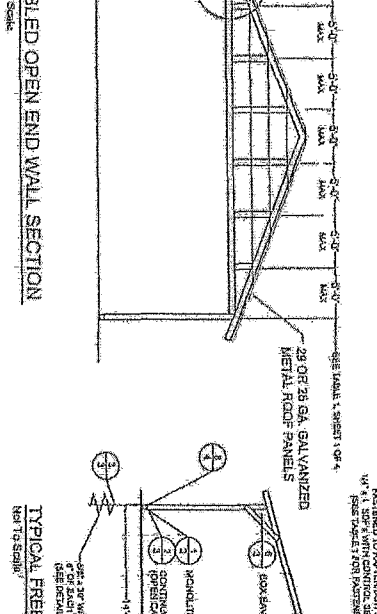
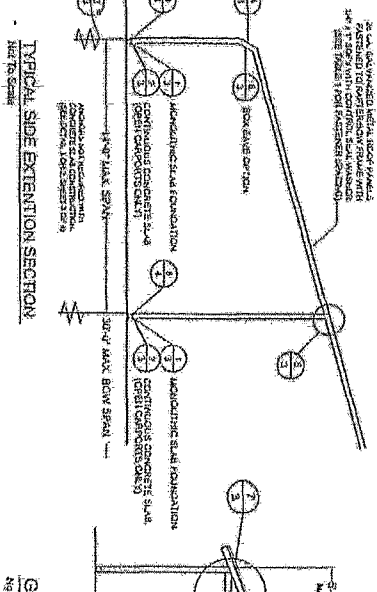
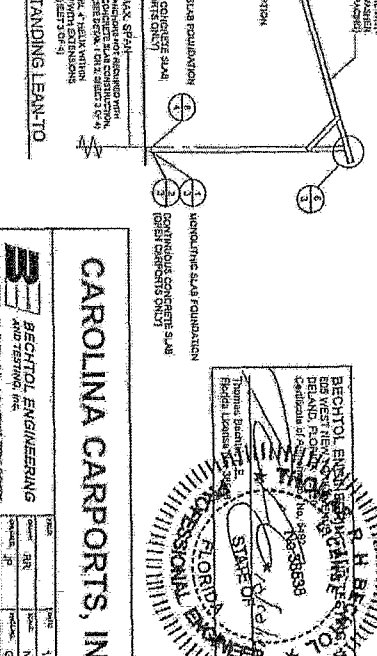
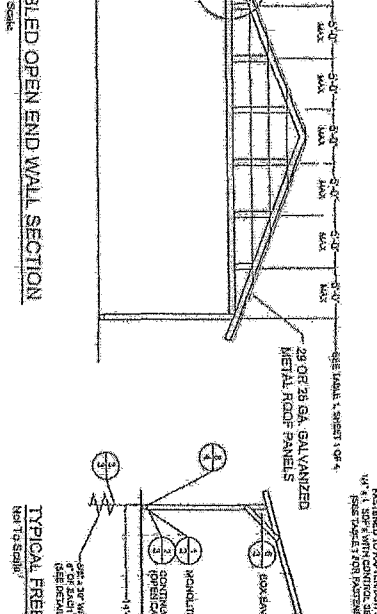
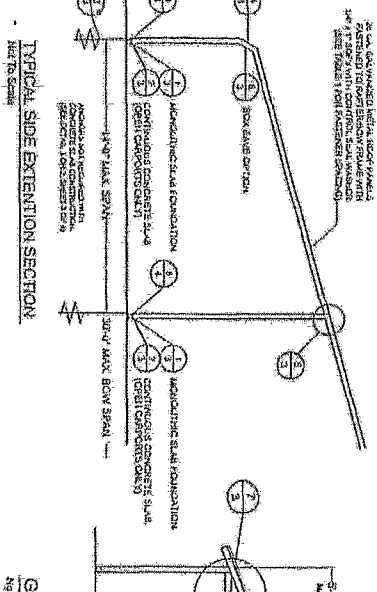
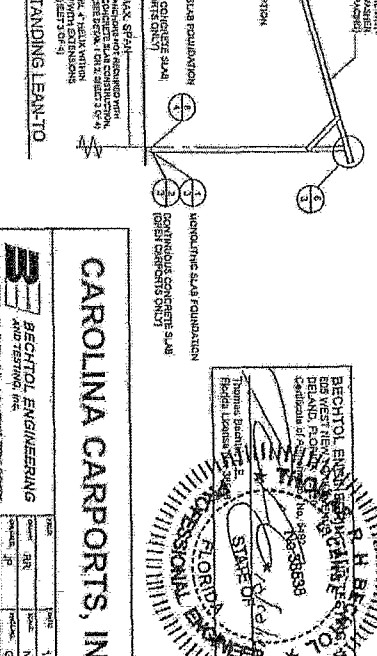
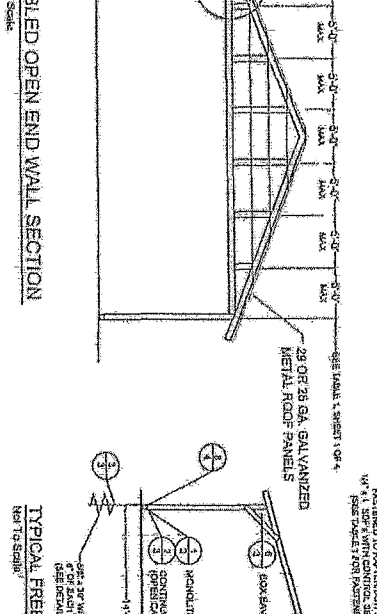
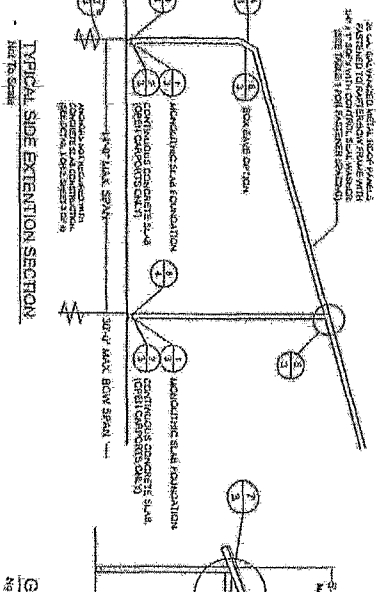
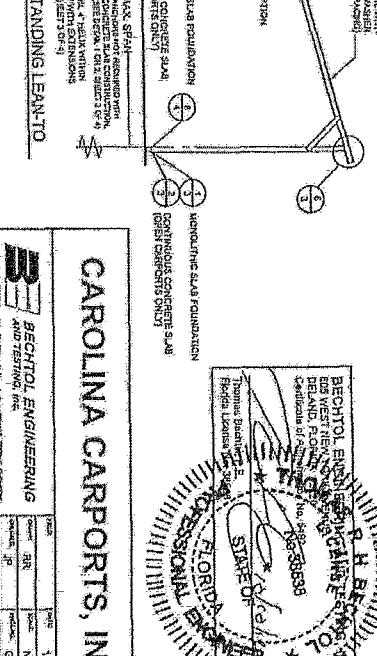
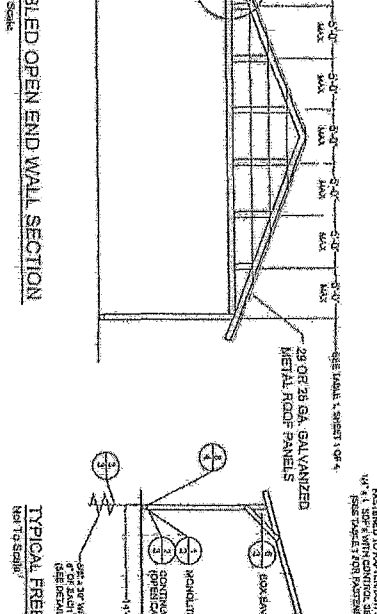
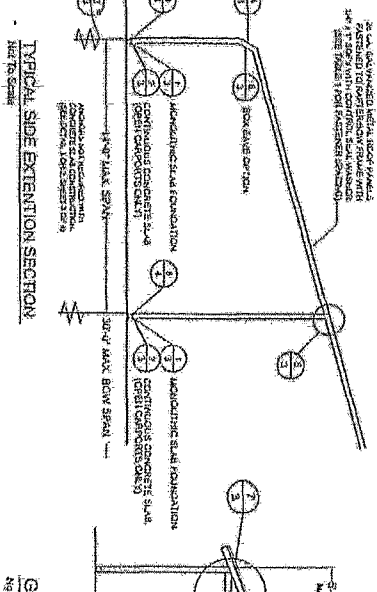
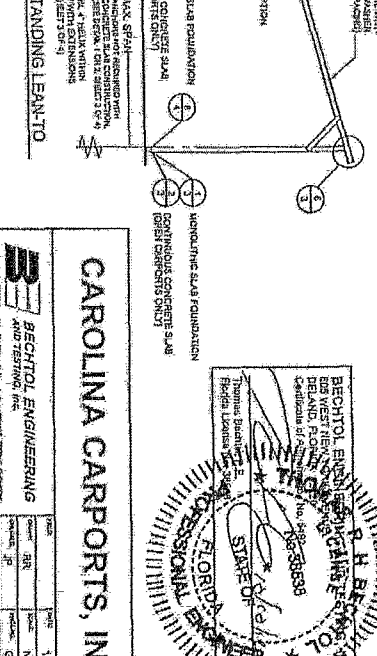
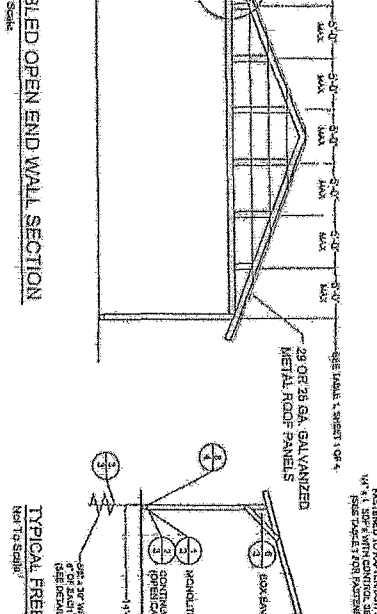
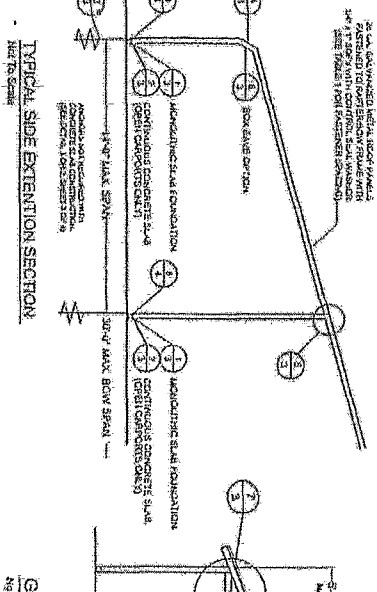
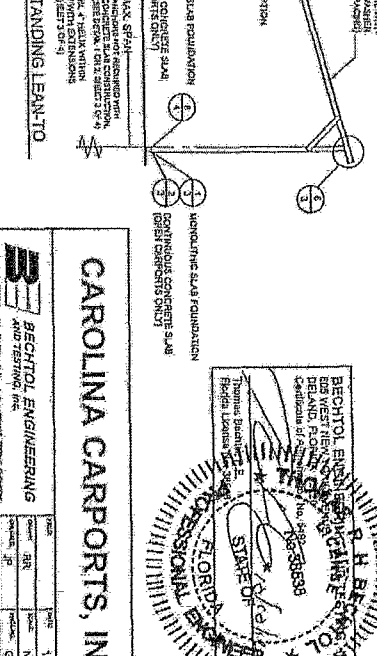
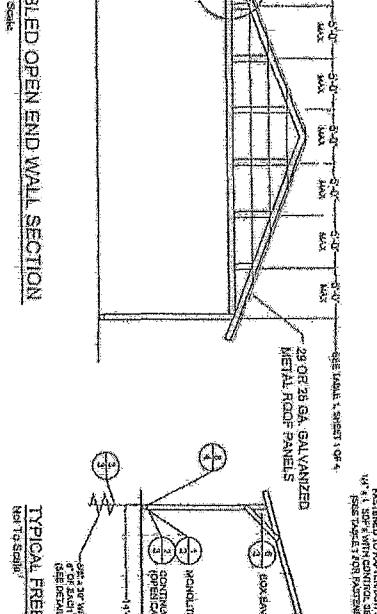
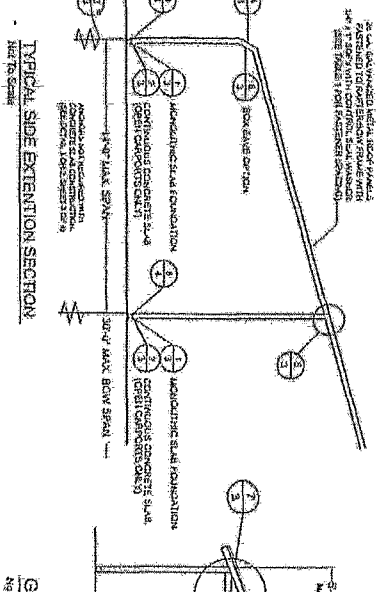
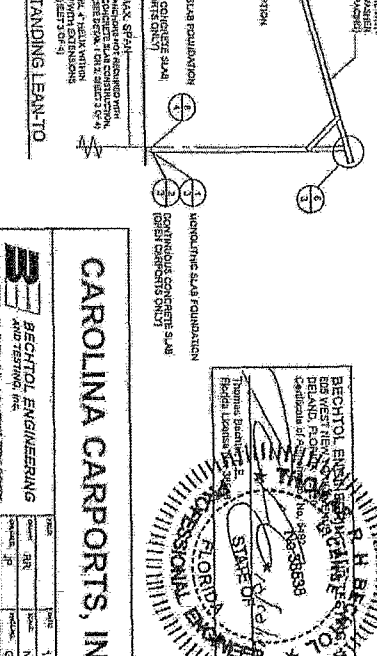
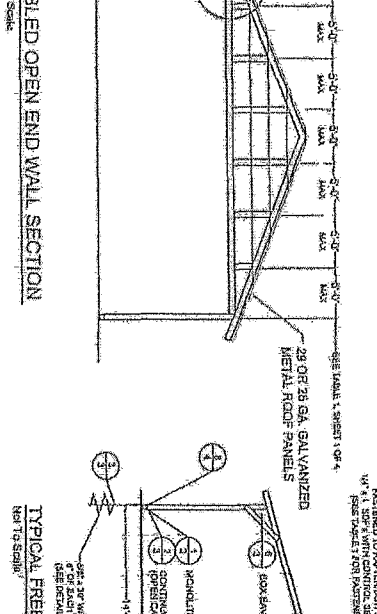
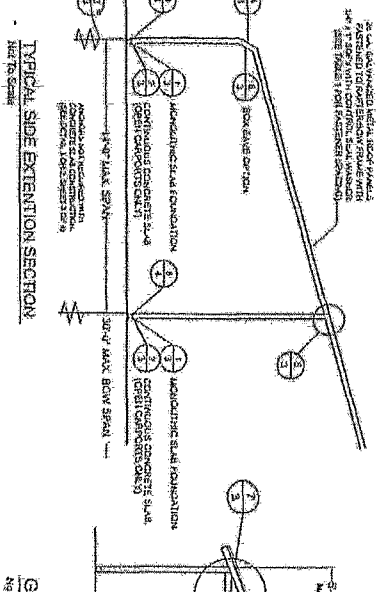
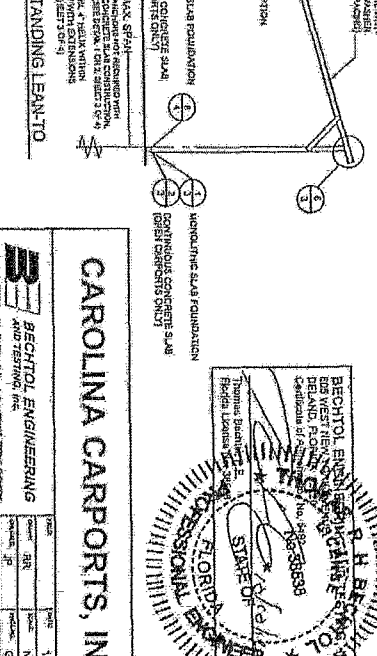
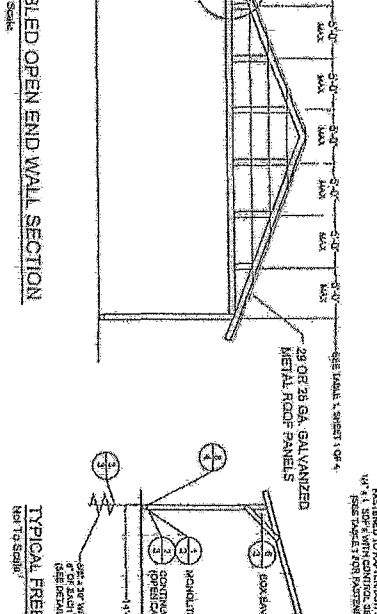
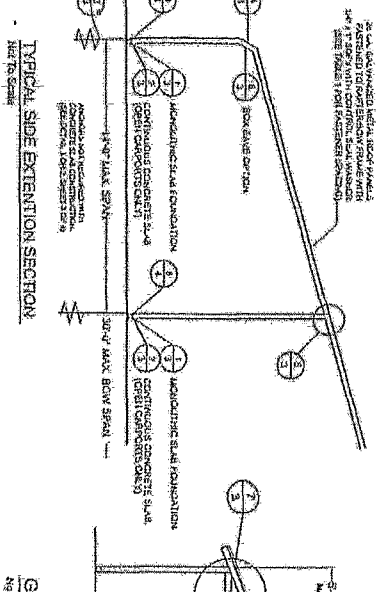
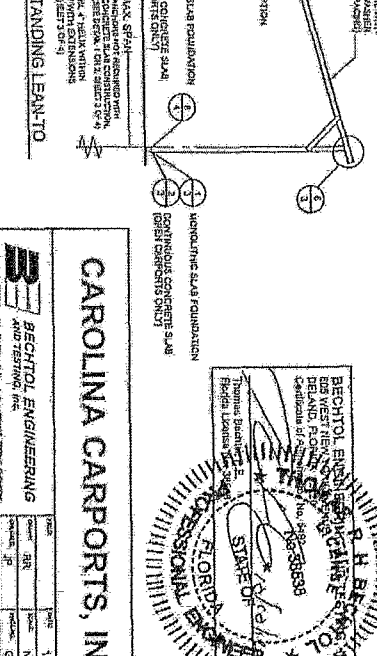
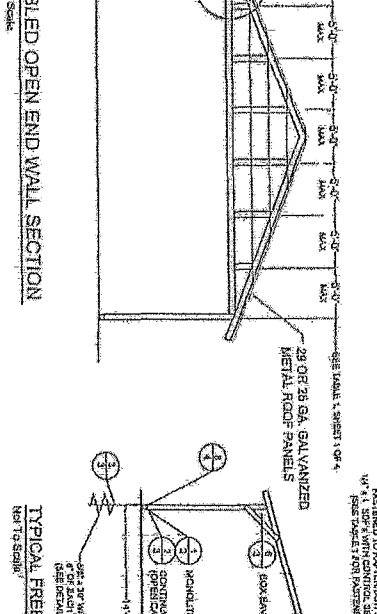
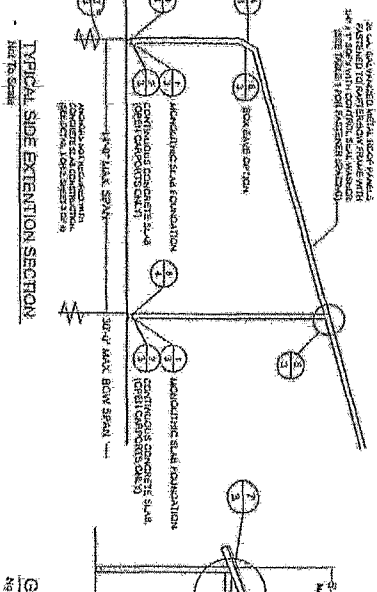
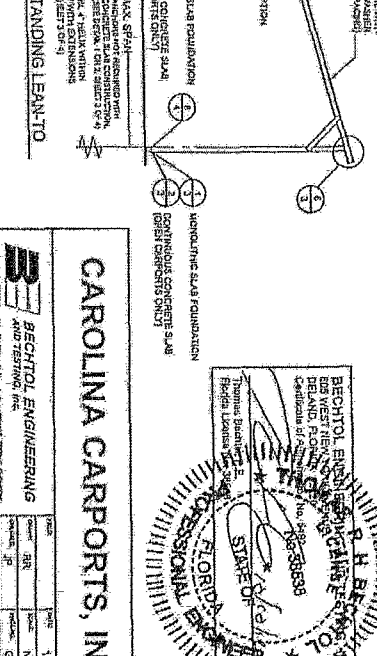
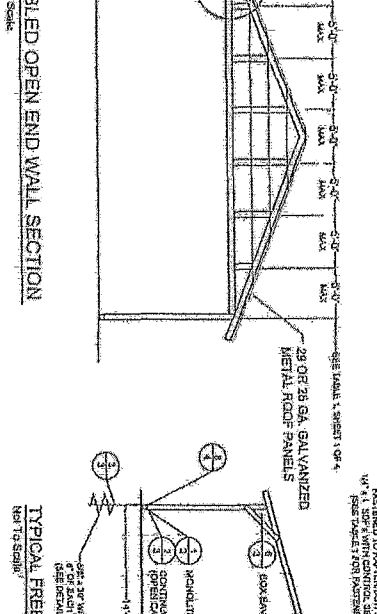
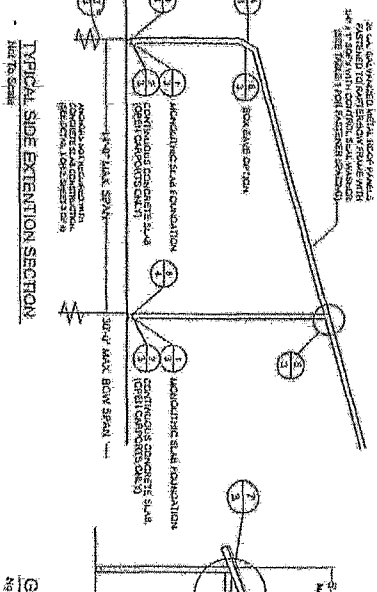
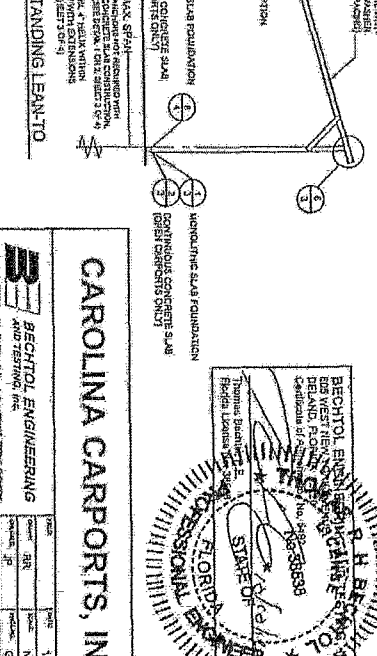
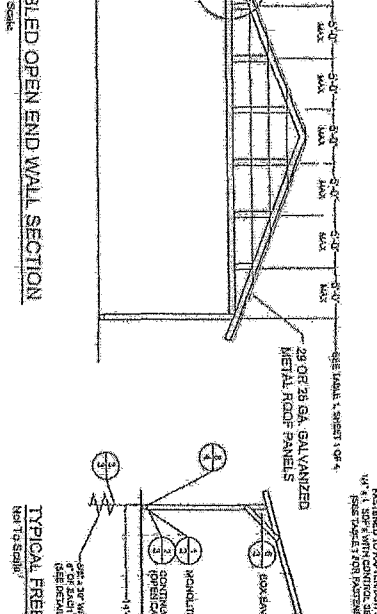
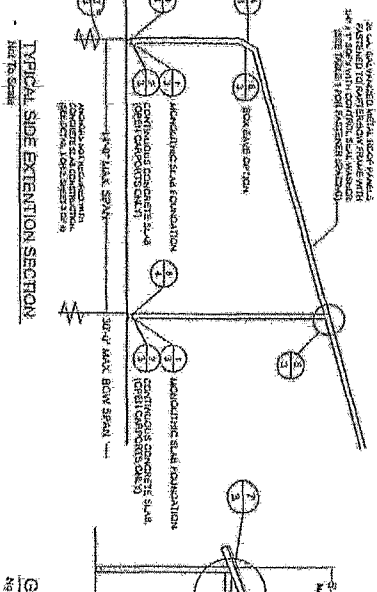
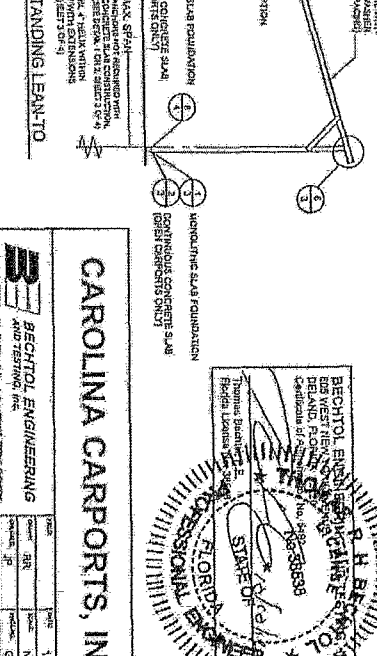
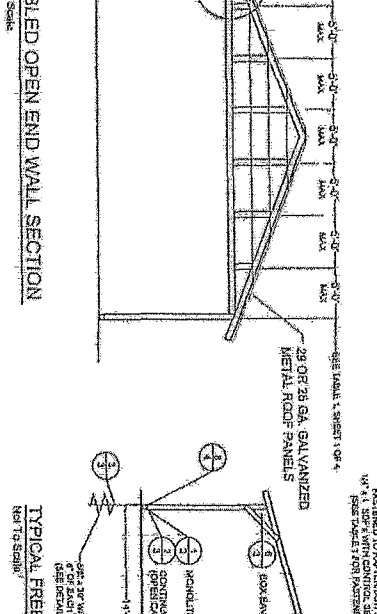
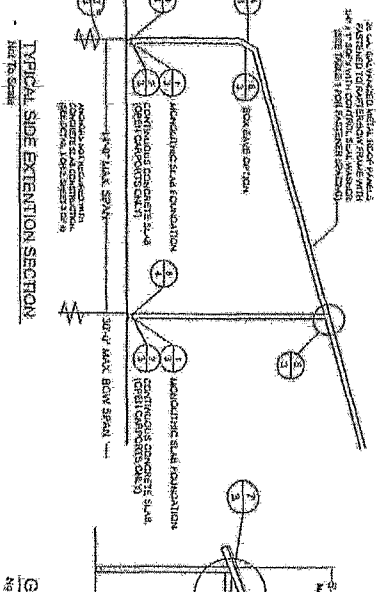
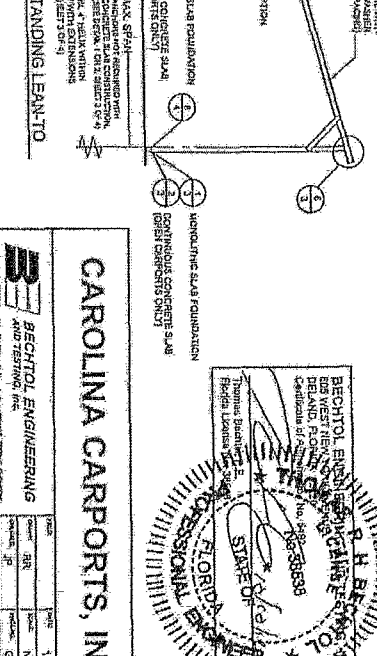
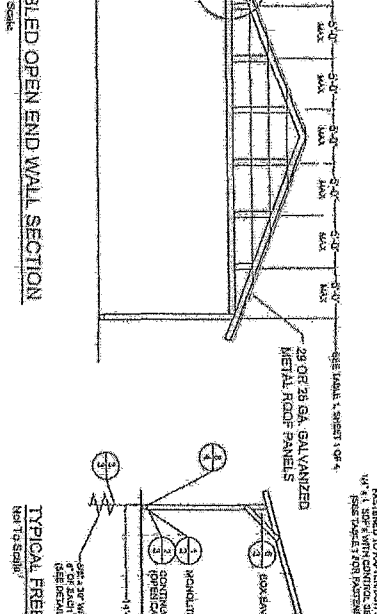
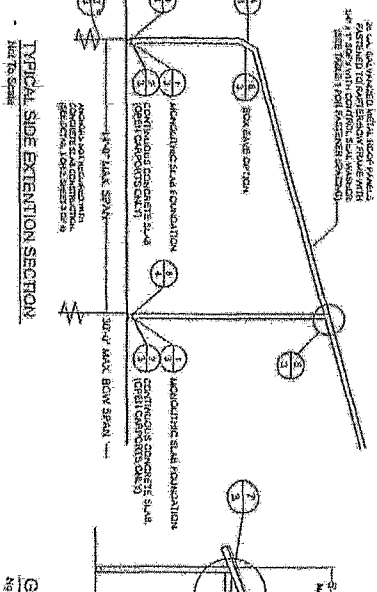
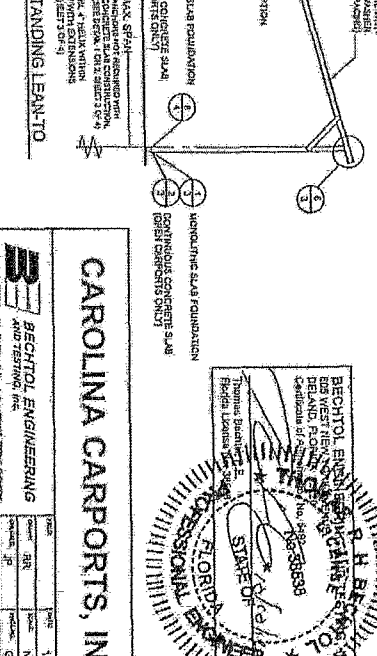
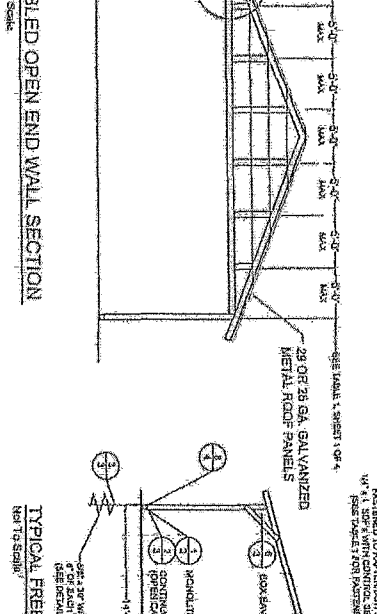
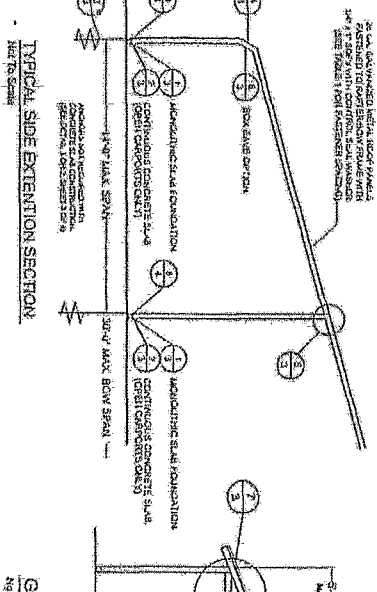
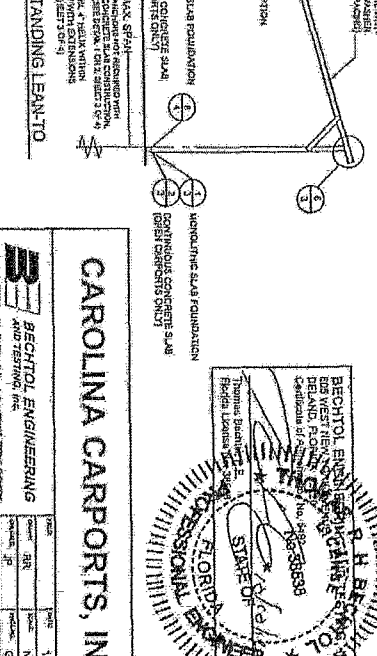
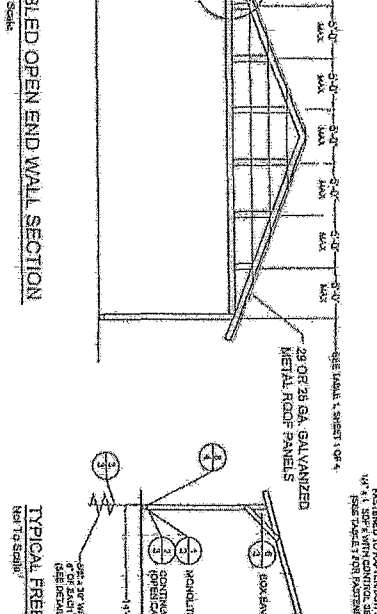
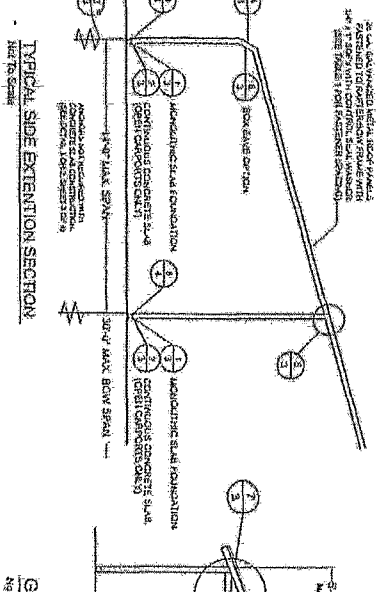
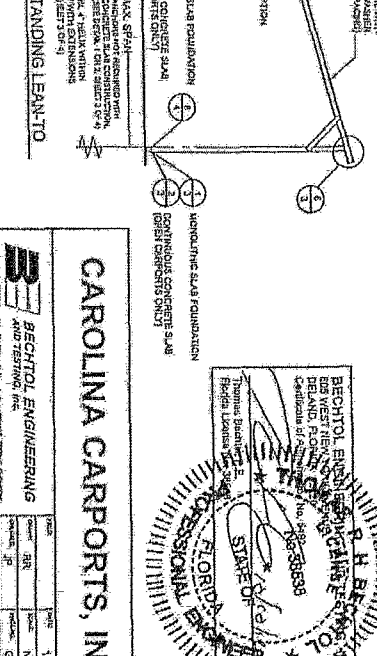
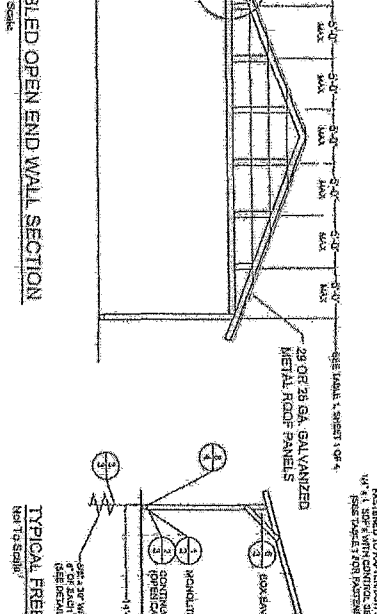
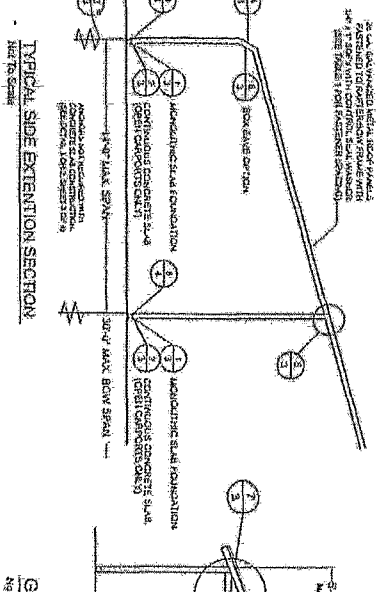
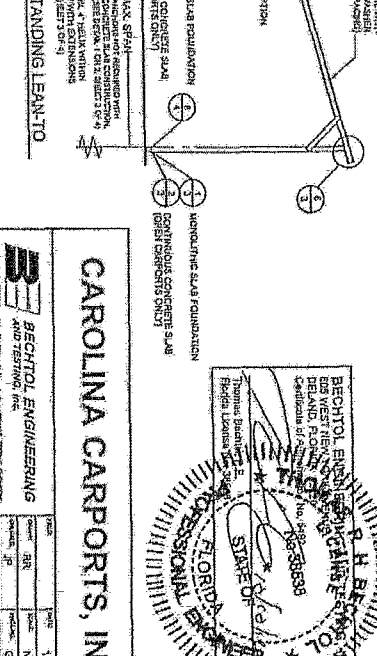
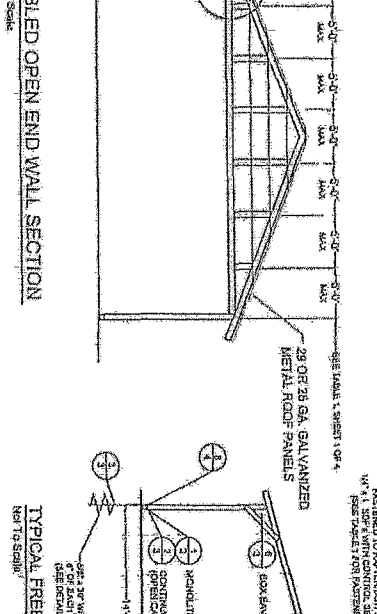
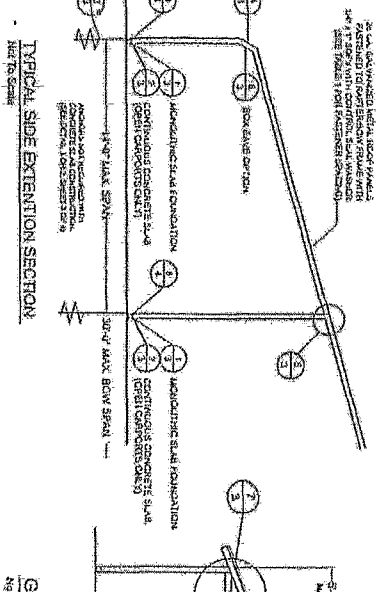
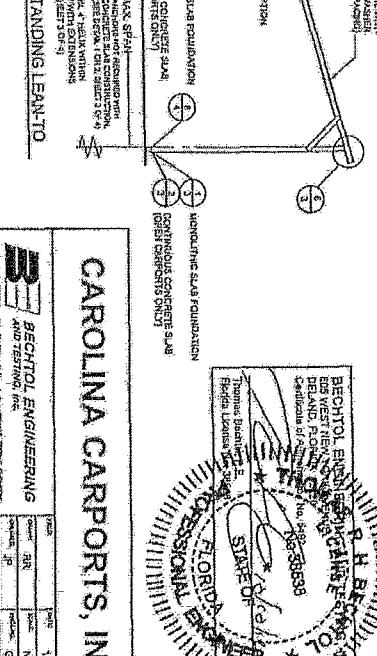
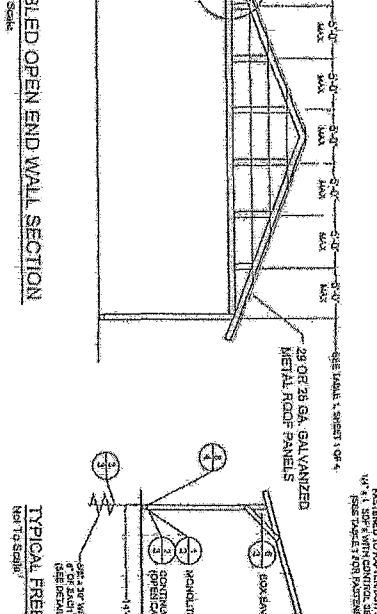
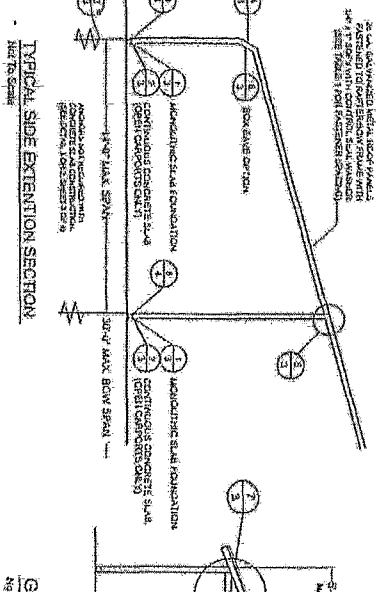
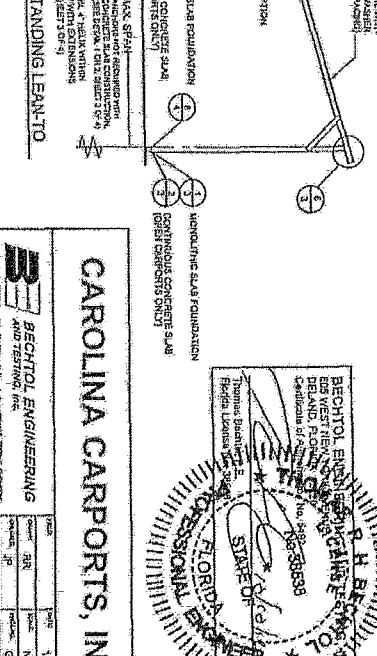
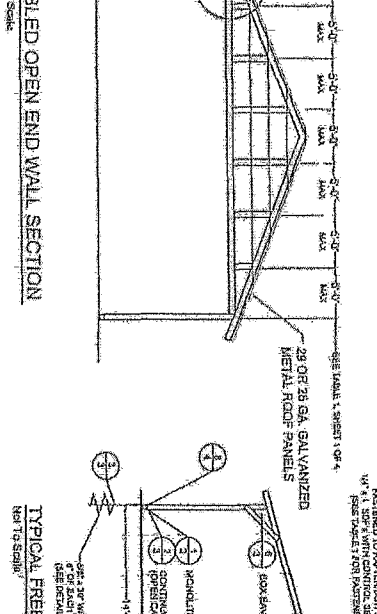
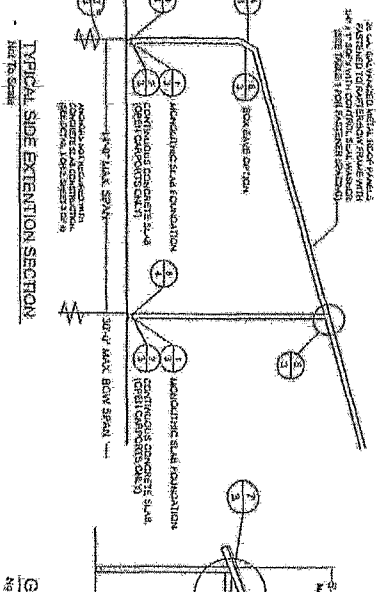
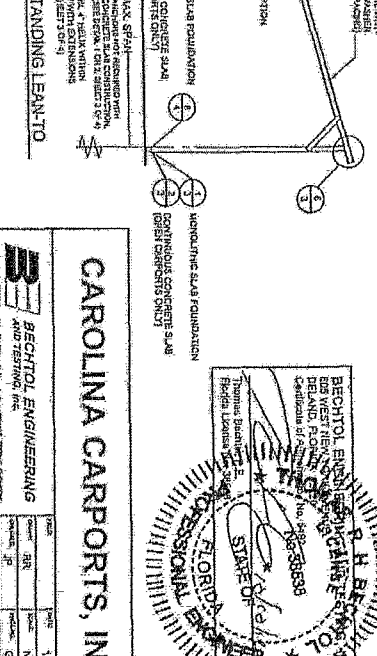
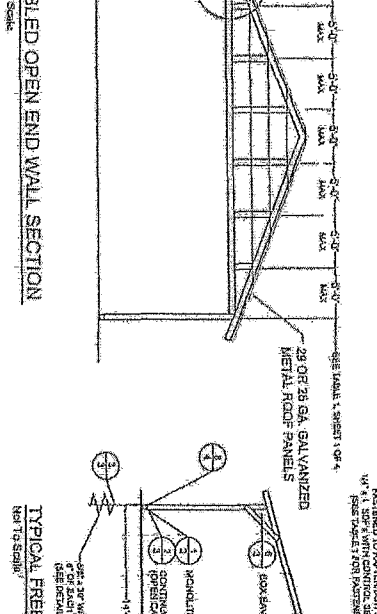
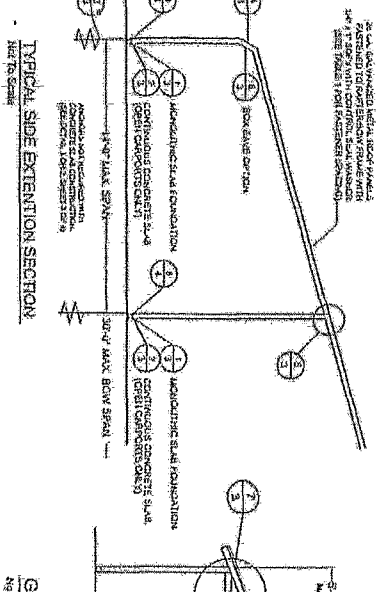
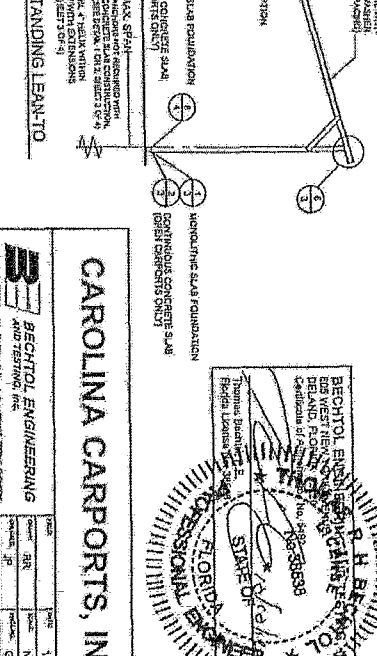
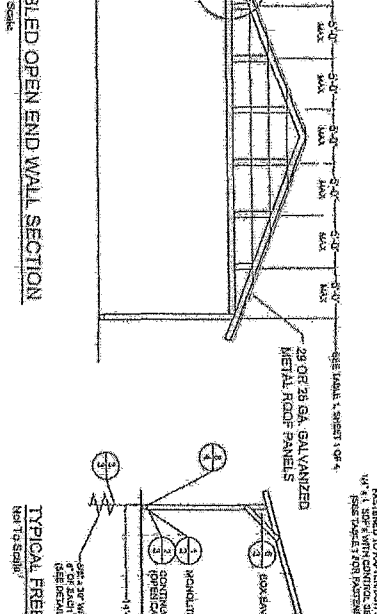
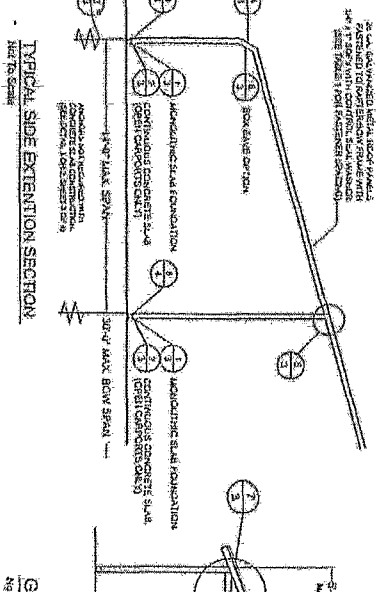
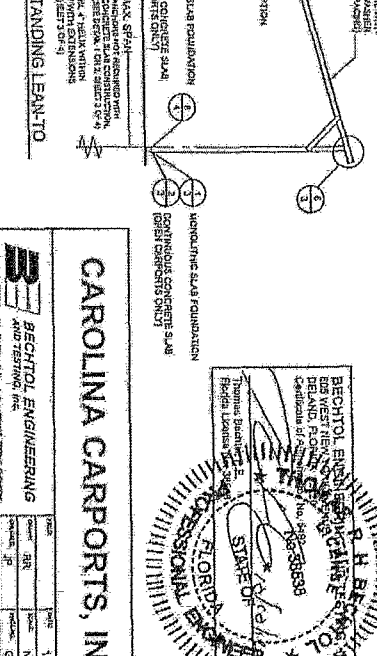
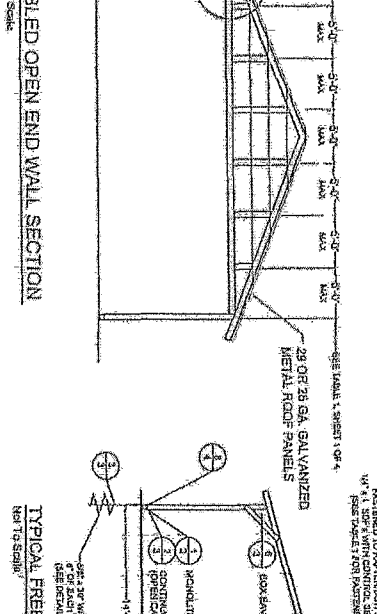
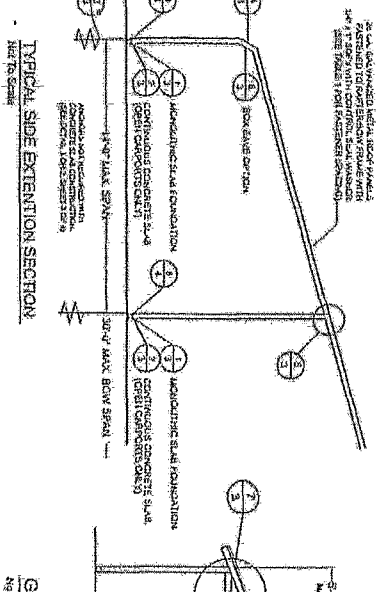
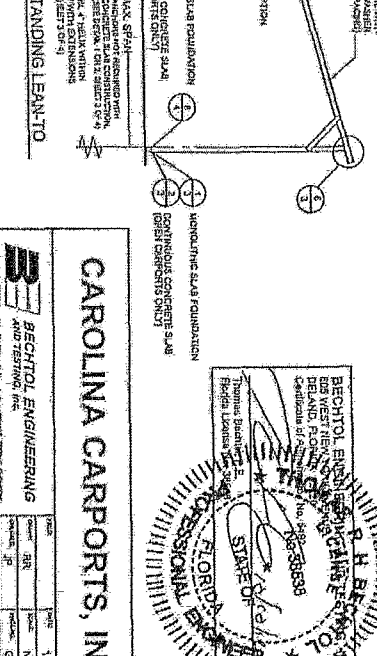
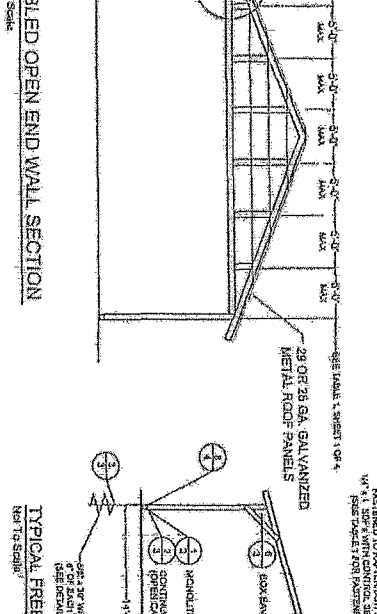
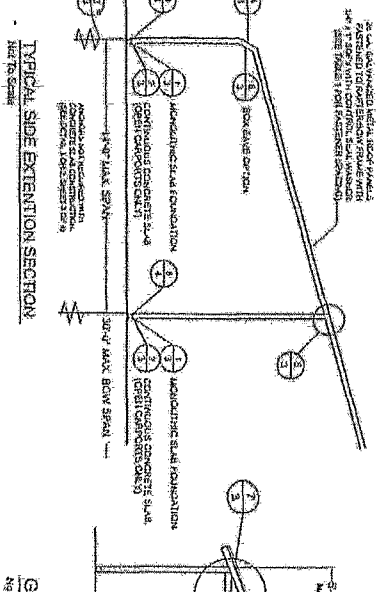
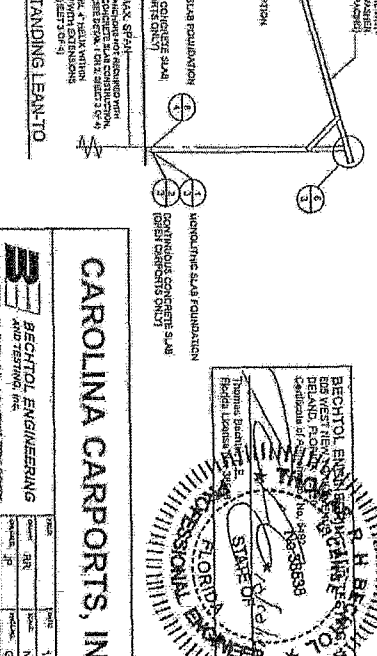
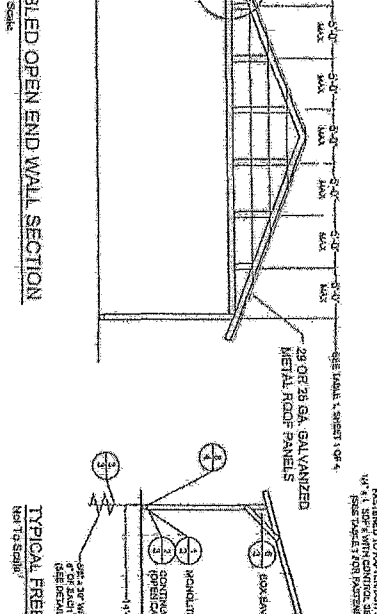
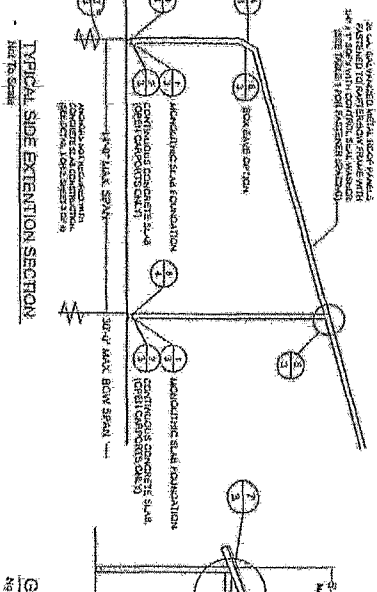
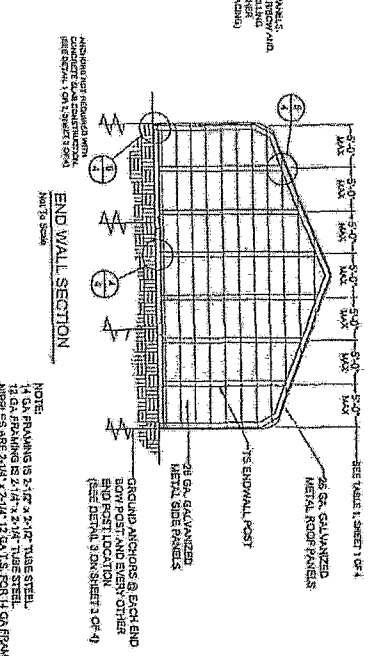
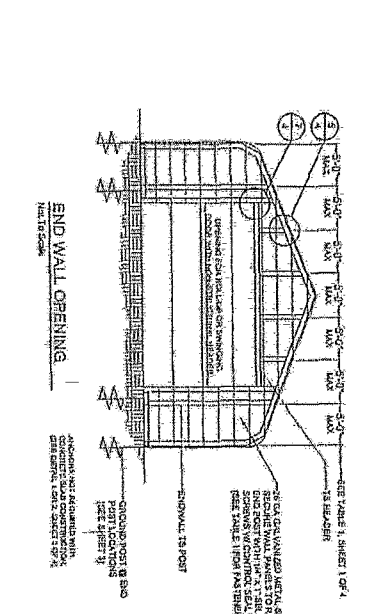
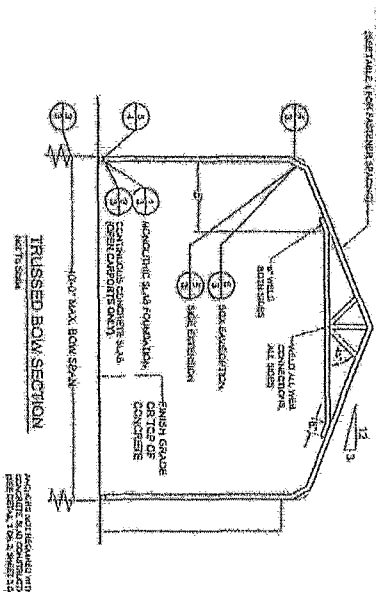
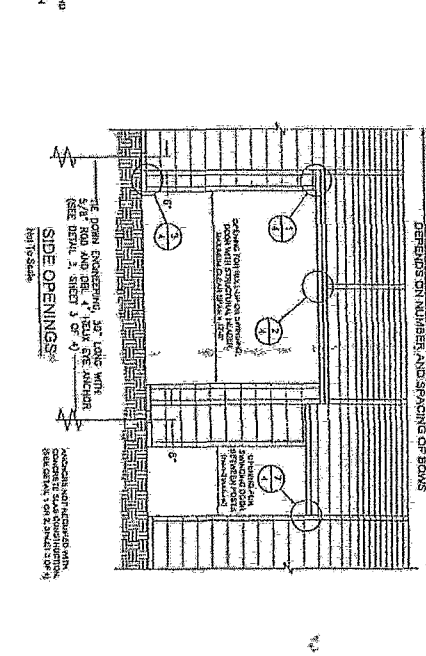
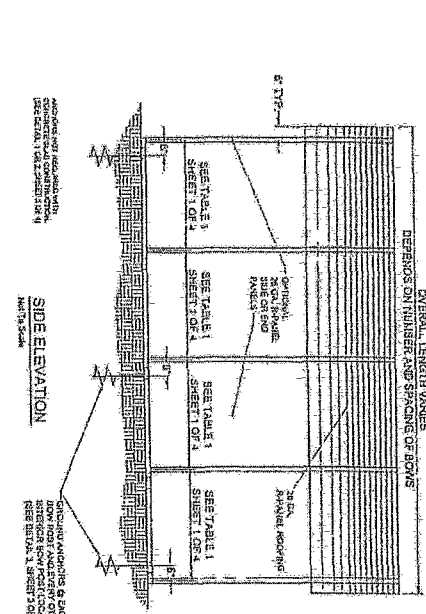
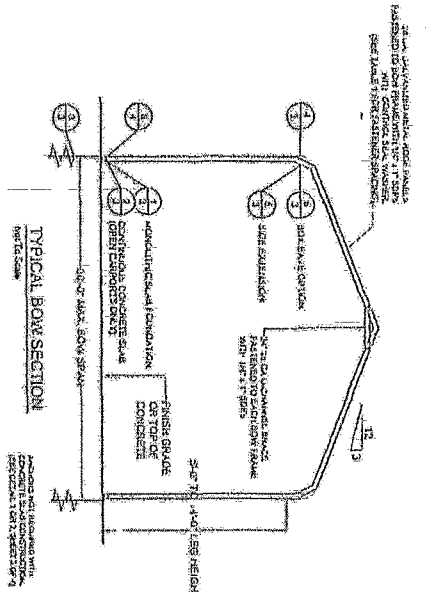
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTRY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:
ANSI/AAMA/NWMA 91/92.2B7
THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

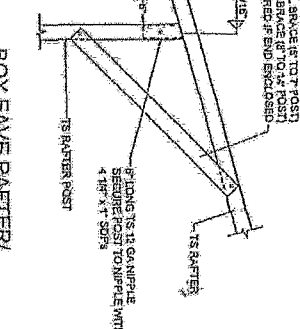
THIS IS TO CERTIFY THAT THE CALCULATIONS AND SPECIFICATIONS HEREIN HAVE BEEN PREPARED BY THE UNDERSIGNED PROFESSIONAL ENGINEER, AND ARE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609 OF THE 2010 FLORIDA BUILDING CODE. THE PLANS ARE VALID UNTIL THE NEXT REVISION OF THE FLORIDA BUILDING CODE.



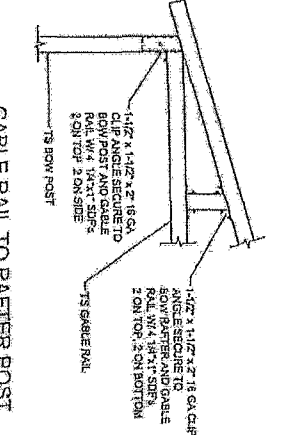
CAROLINA CARPORTS, INC.

BECHTOL ENGINEERING AND TESTING, INC.		DATE	10-5-12
PROJECT NO.	10-5-12	SCALE	AS SHOWN
DESIGNED BY	10-5-12	CHECKED BY	10-5-12
SHEET 16		SHEET 1 OF 4	

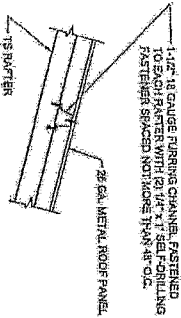




Net To Ship

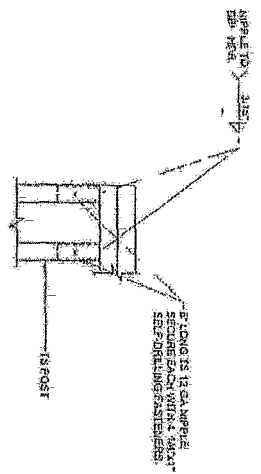


7
NOTE: See also

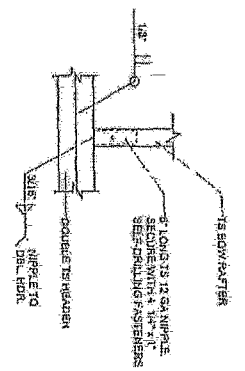


ROOF PANEL ATTACHMENT
(ALTERNATE FOR VERTICAL ROOF PANELS)
Not To Scale:

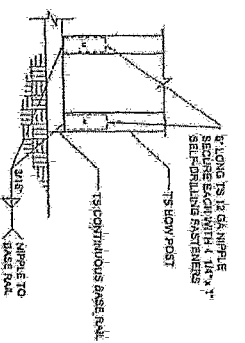
BECHTEL CORPORATION AND ASSOCIATES, INC.
300 K STREET, N.W.
WASHINGTON, D.C. 20001
Telephone: (202) 331-2000
Telex: 156000
Cable: BECHTEL
FAX: (202) 331-2000



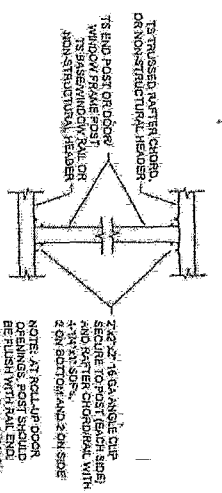
1 RAFTER POST/DBL. HEADER DETAIL
Not To Scale



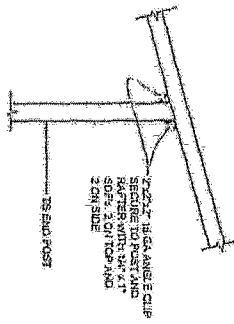
2 RAFTER POST/HEADER DETAIL
Not To Scale



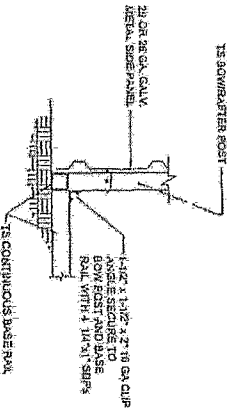
3 RAFTER POST/BASE RAIL CONNECTION DETAIL
Not To Scale



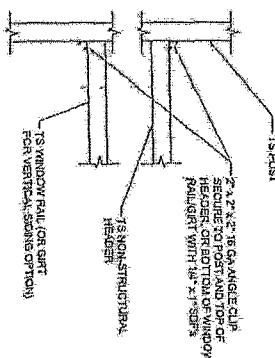
4 POST TO RAIL, TRUSS CHORD, OR NON-STRUCTURAL HEADER CONNECTION DETAIL
Not To Scale



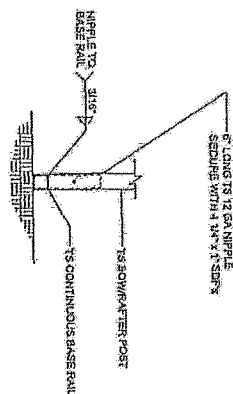
5 END POST/RAFTER CONNECTION DETAIL
Not To Scale



6 END POST/BASE RAIL CONNECTION DETAIL
Not To Scale

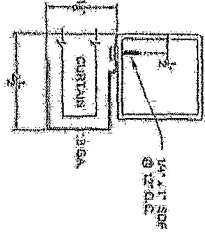


7 NON-STRUCTURAL HEADER, WINDOW RAIL, OR GIRT TO POST CONNECTION DETAIL
Not To Scale

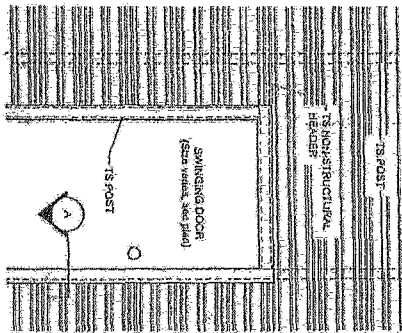


8 POST/BASE RAIL CONNECTION DETAIL
Not To Scale

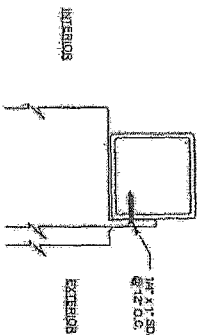
NOTE:
14 GA. FRAMING IS 20\"/>



SECTION THROUGH ROLL UP DOOR HEADER
Not To Scale
CURTAIN: 25 GA. GALVANIZED STEEL WITH BASED ON OPENING FROM 5\"/>



A SECTION
Not To Scale



A SECTION
Not To Scale

CAROLINA CARPORTS, INC.

BECHTEL ENGINEERING AND TESTING, INC.	DATE	10-8-12
DESIGN	FR	REV
CHECKED	NTB	DATE
APPROVED	GR	DATE
PROJECT	12	SHEET

