

This Permit Expires One Year From the Date of Issue

APPLICANTDAVID MATEPHONE618-410-7168

ADDRESS194SW MEREDITH LAKELAKE CITYFL32024

OWNERDAVID MATEPHONE618-410-7168

ADDRESS194SW MEREDITH LAKELAKE CITYFL32024

CONTRACTOROWNER BUILDERPHONE

LOCATION OF PROPERTY247 S, L 242, L BLAINE ESTAES, R BUCHANAN, R MEREDITH LN,
R WHITE HOUSE WITH BLACK SHUTTERS

TYPE DEVELOPMENTSTEELE BUILDINGESTIMATED COST OF CONSTRUCTION17000.00

HEATED FLOOR AREATOTAL AREAHEIGHTSTORIES

FOUNDATIONWALLSROOF PITCHFLOOR

LAND USE & ZONINGRVLDMAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT25.00REAR15.00SIDE10.00

NO. EX.D.U.1FLOOD ZONEXPPDEVELOPMENT PERMIT NO.

PARCEL ID22-4S-16-03090-312SUBDIVISIONBLAINE ESTATES

LOT12BLOCKPHASEUNITTOTAL ACRES

Culvert Permit No.Culvert WaiverContractor's License NumberApplicant/Owner/Contractor

EXISTINGX07-278BKJHN

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew Resident

COMMENTS:ACCESSORY STRUCTURE

Check # or Cash2536

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Powerdate/app. byFoundationdate/app. byMonolithicdate/app. by

Under slab rough-in plumbingdate/app. bySlabdate/app. bySheathing/Nailingdate/app. by

Framingdate/app. byRough-in plumbing above slab and below wood floordate/app. by

Electrical rough-indate/app. byHeat & Air Ductdate/app. byPeri. beam (Lintel)date/app. by

Permanent powerdate/app. byC.O. Finaldate/app. byCulvertdate/app. by

M/H tie downs, blocking, electricity and plumbingdate/app. byPooldate/app. by

Reconnectiondate/app. byPump poledate/app. byUtility Poledate/app. by

M/H Poledate/app. byTravel Trailerdater/app. byRe-roofdate/app. by

BUILDING PERMIT FEE \$85.00CERTIFICATION FEE \$0.00SURCHARGE FEE \$0.00

MISC. FEES \$0.00ZONING CERT. FEE \$50.00FIRE FEE \$0.00WASTE FEE \$

FLOOD DEVELOPMENT FEE \$FLOOD ZONE FEE \$CULVERT FEE \$TOTAL FEE135.00

INSPECTORS OFFICECLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

FL#	PRODUCT DESCRIPTION	MODEL NUMBER	WIND EXP. CAT.	BASIC WIND SPEED	FBC WIND PRESSURES (psf)		DESIGN PRESSURES (psf)		MEETS FBC REQ.
1722.1	ELIXIR INDUSTRIES SWINGING EXTERIOR DOOR MAXIMUM 36" WIDE X 80" HIGH VINYL STEEL OUT-SWINGING DOOR WITH MAXIMUM 14" X 14" WINDOW	402-10 402-14	B	100	18.0	-24.1	54.6	-54.6	YES
				110	21.8	-29.1			YES
				120	25.9	-34.7			YES
				130	30.4	-40.7			YES
				140	35.3	-47.2			YES
				150	40.5	-54.2			YES
			C	120	33.4	-44.8			YES
				130	39.2	-52.5			YES
				140	45.5	-60.9			NO
				150	52.2	-69.9			NO

FL#	PRODUCT DESCRIPTION	MODEL NUMBER	WIND EXP. CAT.	BASIC WIND SPEED	FBC WIND PRESSURES (psf)		DESIGN PRESSURES (psf)		MEETS FBC REQ.
3727.1	ASTA DOOR CORPORATION ROLL-UP EXTERIOR DOOR MAXIMUM 10' WIDE X 10' HIGH STEEL ROLL-UP DOOR	203	B	100	18.0	-24.1	76.1	-76.1	YES
				110	21.8	-29.1			YES
				120	25.9	-34.7			YES
				130	30.4	-40.7			YES
				140	35.3	-47.2			YES
				150	40.5	-54.2			YES
			C	120	33.4	-44.8			YES
				130	39.2	-52.5			YES
				140	45.5	-60.9			YES
				150	52.2	-69.9			YES

FL#	PRODUCT DESCRIPTION	MODEL NUMBER	WIND EXP. CAT.	BASIC WIND SPEED	FBC WIND PRESSURES (psf)		DESIGN PRESSURES (psf)		MEETS FBC REQ.
3912.1 3912.2	US DOOR AND BUILDING COMPONENTS ROLL-UP EXTERIOR DOOR MAXIMUM 8' WIDE X 8' HIGH STEEL ROLL-UP DOOR (MODEL 501); MAXIMUM 10' WIDE X 10' HIGH STEEL ROLL-UP DOOR (MODEL 652)	501 652	B	100	18.0	-24.1	30.0	-30.0	YES
				110	21.8	-29.1			YES
				120	25.9	-34.7			NO
				130	30.4	-40.7			NO
				140	35.3	-47.2			NO
				150	40.5	-54.2			NO
			C	120	33.4	-44.8			NO
				130	39.2	-52.5			NO
				140	45.5	-60.9			NO
				150	52.2	-69.9			NO

FL#	PRODUCT DESCRIPTION	MODEL NUMBER	WIND EXP. CAT.	BASIC WIND SPEED	FBC WIND PRESSURES (psf)		DESIGN PRESSURES (psf)		MEETS FBC REQ.
6228.1	PHILIPS PRODUCTS, INC. SINGLE HUNG WINDOW MAXIMUM 30" WIDE X 30" HIGH ALUMINUM VERTICAL SLIDER WINDOW	23V	B	100	18.0	-24.1	60.0	-60.0	YES
				110	21.8	-29.1			YES
				120	25.9	-34.7			YES
				130	30.4	-40.7			YES
				140	35.3	-47.2			YES
				150	40.5	-54.2			YES
			C	120	33.4	-44.8			YES
				130	39.2	-52.5			YES
				140	45.5	-60.9			NO
				150	52.2	-69.9			NO

NOTES:	1.	FBC WIND PRESSURES CALCULATED FROM TABLES 1609.6B AND 1609.6D, 2204 FBC.
	2.	WIND PRESSURES BASED ON MAXIMUM MEAN ROOF HEIGHT OF 20 FEET, HEIGHT/EXPOSURE ADJUSTMENT FACTOR = 1.29, AND BUILDING IMPORTANCE FACTOR = 1.0
	3.	DESIGN PRESSURES OBTAINED FROM THE FLORIDA BUILDING COMMISSION - PRODUCT APPROVAL WEBSITE.

FLORIDA PRODUCT APPROVAL - DESIGN WIND PRESSURES

DOORS AND WINDOWS

TABLE 1 - BOW FRAME AND PANEL FASTENER SPACING SPECIFICATIONS				
WIND EXPOSURE CATEGORY	BASIC WIND SPEED 3-SECOND GUST (MPH)	MAXIMUM BOW SPACING (FEET)	MAXIMUM FASTENER SPACING ON-CENTERS ALONG BOWS (INCHES)	
			INTERIOR BOWS	END BOWS
B	100	5.0	8	8
	110	5.0	8	8
	120	5.0	8	8
	130	5.0	8	8
	140	4.0	8	6
	150	3.5	8	6
C	100	5.0	8	8
	110	5.0	8	8
	120	4.0	8	8
	130	4.0	8	6
	140	3.0	8	4
	150	3.0	8	4
NOTES: 1. Specifications applicable to 29 or 26 gauge metal panels fastened directly 10 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 mean roof height of 20 feet or less, and roof slopes of 14° (3:12 pitch). Spacing requirements for other roof heights and/or slopes may vary.				

TABLE 2 - END POST AND END WALL PANEL FASTENER SPACING SPECIFICATIONS			
WIND EXPOSURE CATEGORY	BASIC WIND SPEED 3-SECOND GUST (MPH)	MAXIMUM END POST SPACING (FEET)	MAXIMUM FASTENER SPACING ON-CENTERS ALONG END POSTS (INCHES)
B OR C	100 TO 150	4.0	8
NOTES: 1. Specifications applicable to 29 or 26 gauge metal panels fastened directly 10 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 mean roof height of 20 feet or less, and roof slopes of 14° (3:12 pitch). Spacing requirements for other roof heights and/or slopes may vary.			

METAL CARPORT INSTALLATION PLANS AND DETAILS
AND
FRAMING AND FASTENER SPECIFICATIONS

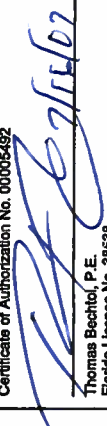
FOR CONSTRUCTION IN THE
STATE OF FLORIDA

PREPARED FOR:
CAROLINA CARPORTS, INC.
P.O. BOX 1263
DOBSON, NORTH CAROLINA 27017

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

APPROVED PRODUCTS LIST				
PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	APPROVAL No.	APPROVAL DATE
EXTERIOR DOORS	SWINGING	ELIXIR INDUSTRIES GA.	FL1722-R1	03/03/04
EXTERIOR DOORS	ROLL-UP	ASTA INDUSTRIES INC.	FL3727.1	10/11/05
EXTERIOR DOORS	ROLL-UP	US DOOR AND BUILDING	FL3912.1	03/16/05
WINDOWS	SINGLE HUNG	PHILLIPS PRODUCTS, INC.	FL6228-R1	10/11/06
STRUCTURAL COMPONENTS	ROOF DECK	CAROLINA CARPORTS INC.	FL6596.1	07/12/06
STRUCTURAL COMPONENTS	STRUCTURAL WALL	CAROLINA CARPORTS INC.	FL6702.1	07/12/06

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Florida License No. 38538

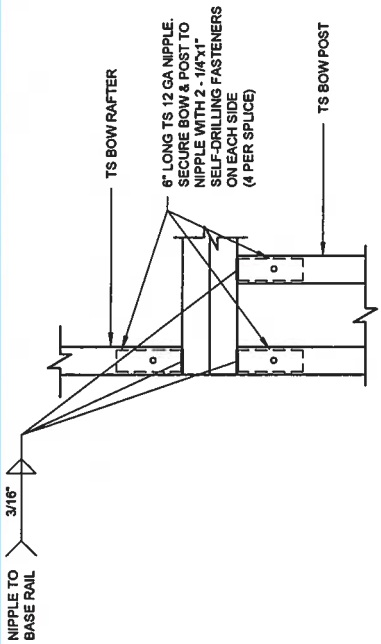
CAROLINA CARPORTS

FILE COPY

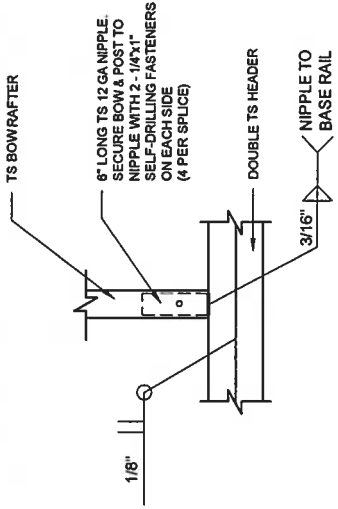
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CONSULTING GEOTECHNICAL, ENVIRONMENTAL, AND MATERIALS TESTING ENGINEERS
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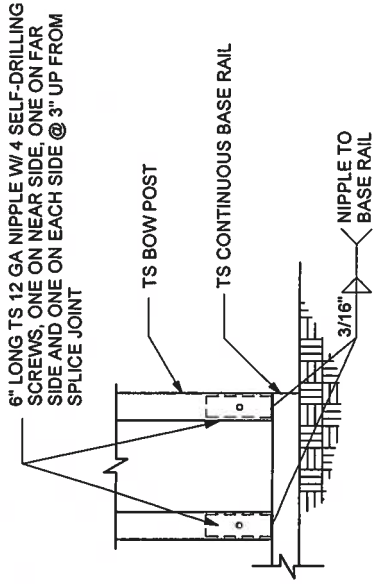
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DRAWN	SCALE	NTS
CHECKED	TB	
APPROVED	TB	
		SHEET 1 OF 4



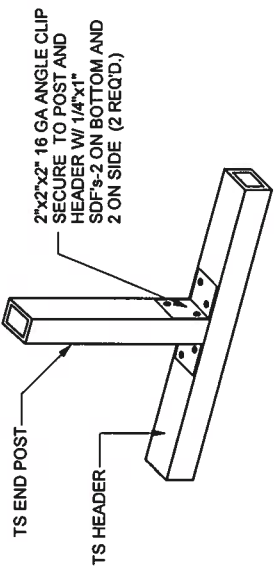
1 BOW/POST DETAIL
Not To Scale



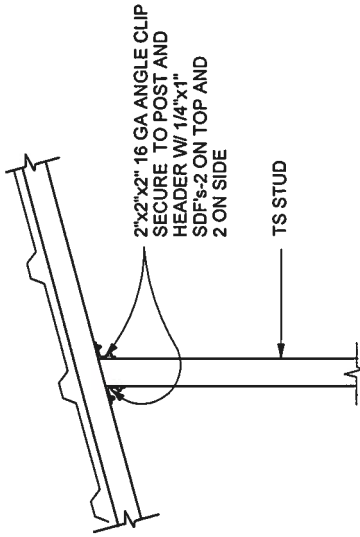
2 BOW/HEADER DETAIL
Not To Scale



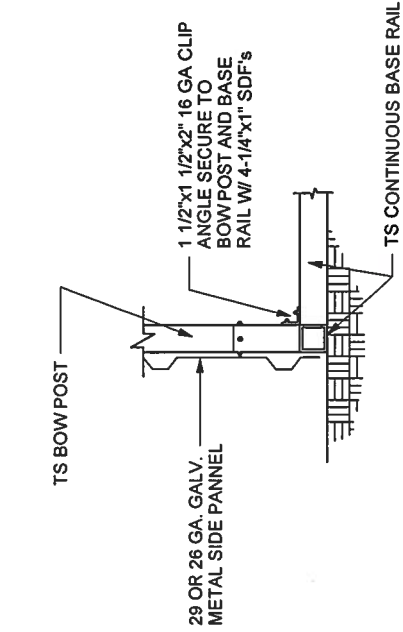
3 BOW/BASE RAIL CONN. DETAIL
Not To Scale



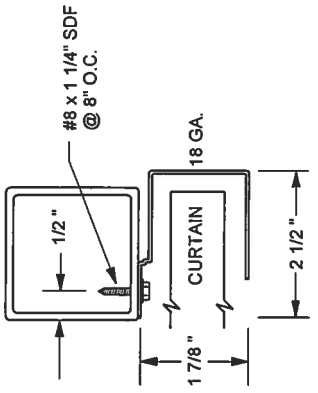
4 END POST TO HEADER/RAIL CONN.
Not To Scale



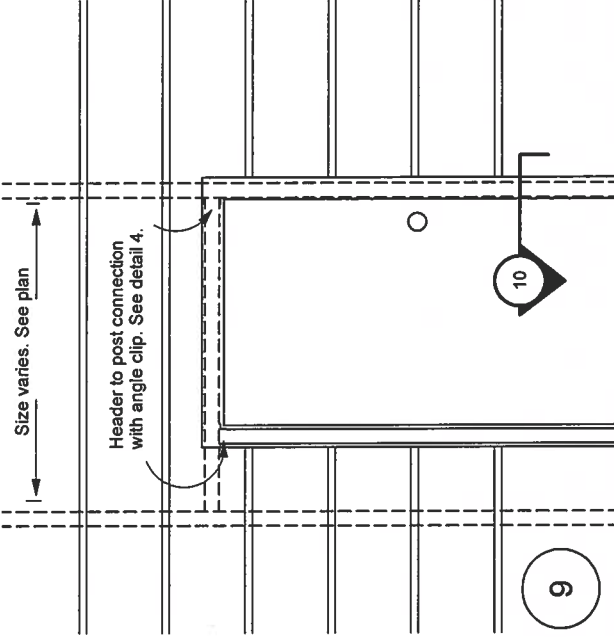
5 END POST/BOW CONN. DETAIL
Not To Scale



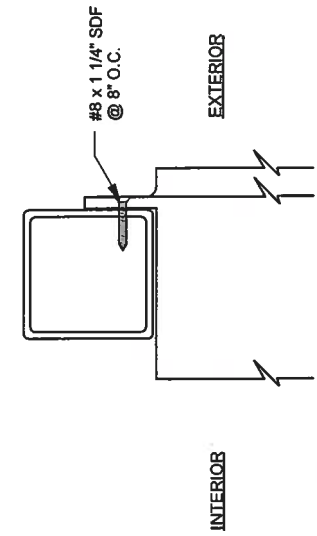
6 END BOW/BASE RAIL CONN.
Not To Scale



8 SECTION THROUGH ROLL UP DOOR HEADER
Not To Scale
CURTAIN: 26 GA. galvanized steel with baked on epoxy primer & polyester top coat.



9



10 SECTION
Not To Scale

NOTE:
14 GA FRAMING IS 2-1/2"x2-1/2" TUBE STEEL.
12 GA FRAMING IS 2-1/4"x2-1/4" TUBE STEEL.
NIPPLES ARE 2-1/4"x2-1/4" 12 GA T.S. FOR 14 GA FRAMING.
NIPPLES ARE 2"x2" 12 GA T.S. FOR 12 GA FRAMING.

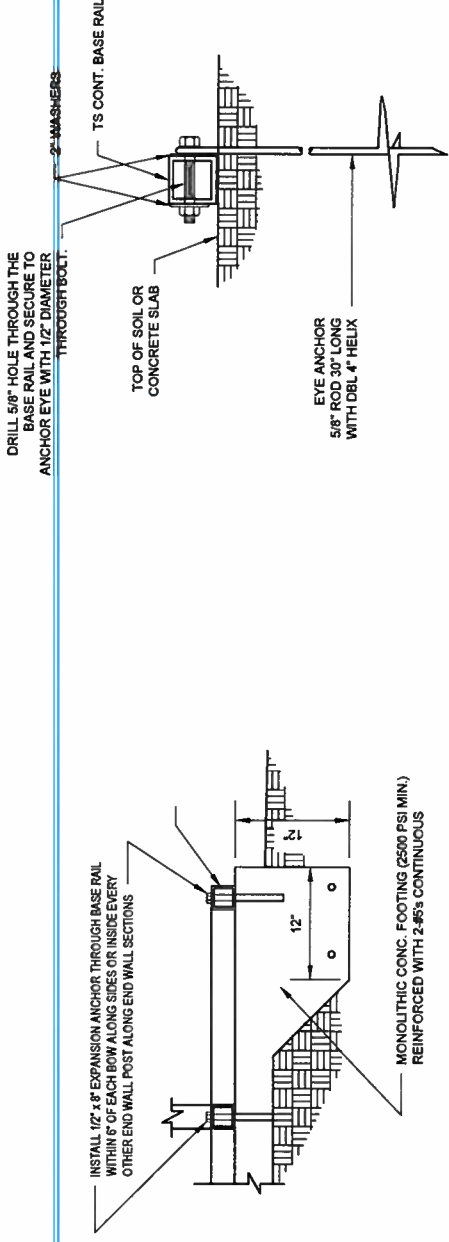
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FIELD	DATE	6-7-07
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APPROVED	TB	SHEET 4 OF 4

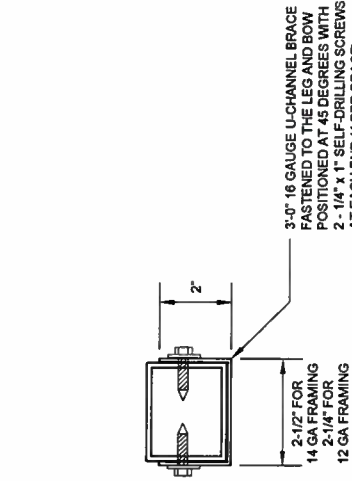
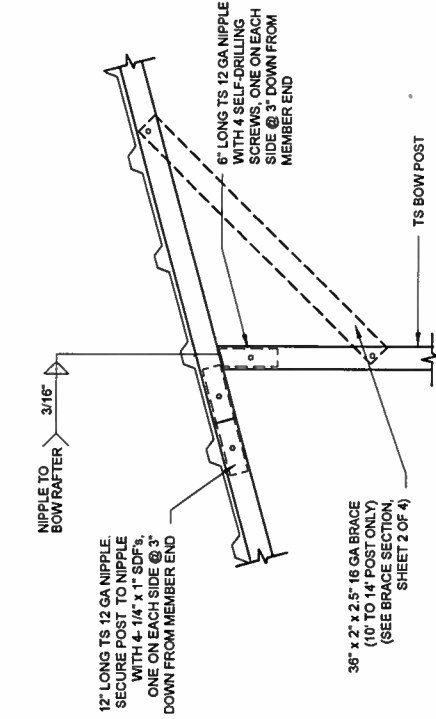
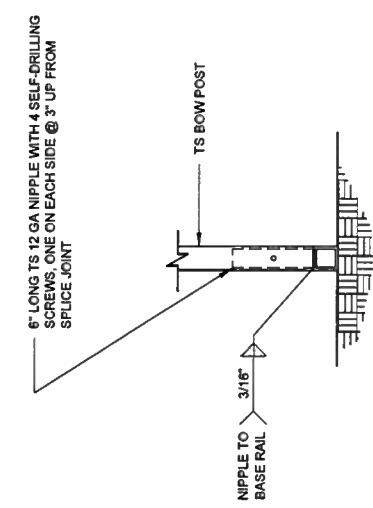
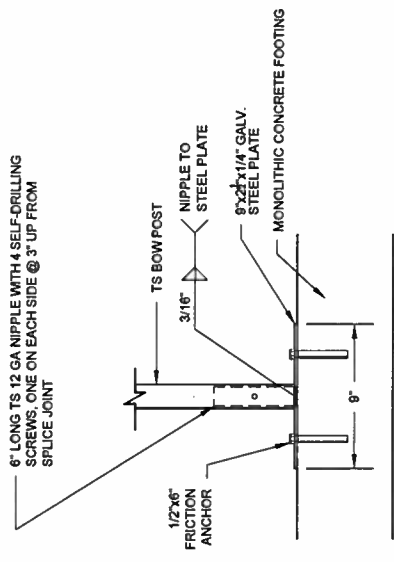


1 CONCRETE BASE RAIL ANCHORAGE (OPTIONAL)

2 BASE RAIL ANCHORAGE

4 BOW/POST DETAIL

6 BOX EAVE BOW/POST DETAIL



ALTERNATE BOW POST TO CONCRETE FOUNDATION CONNECTION DETAIL

3 BOW/BASE RAIL CONN. DETAIL

5 SIDE EXTENSION BOW/POST DETAIL

BRACE SECTION

CONCRETE: CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

COVER OVER REINFORCING STEEL FOR FOUNDATIONS. MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE: 3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER.

REINFORCING STEEL: THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40.

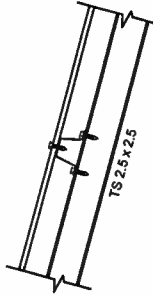
GALVANIZATION: METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

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

1. ALL REINFORCEMENT IS BENT COLD.
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

1 1/2" 18 GAUGE FURRING CHANNEL FASTENED TO EACH BOW WITH (2) 1/4" x 1" SELF-DRILLING FASTENER SPACED NOT MORE THAN 4'-0" O.C.



ROOF PANEL ATTACHMENT (ALTERNATE FOR VERTICAL ROOF PANELS)

NOTE:
14 GA FRAMING IS 2-1/2"x2-1/2" TUBE STEEL
12 GA FRAMING IS 2-1/4"x2-1/4" TUBE STEEL
NIPPLES ARE 2-1/4"x2-1/4" 12 GA T.S. FOR 14 GA FRAMING.
NIPPLES ARE 2"x2" 12 GA T.S. FOR 12 GA FRAMING.

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SHEET	3 OF 4