

Columbia County Building Permit Application

- charge -
100.00

For Office Use Only Application # 6701-50 Date Received 1-12-07 By G Permit # 25479
Application Approved by - Zoning Official BK Date 91.01.07 Plans Examiner OK JTH Date 1-16-07
Flood Zone X Development Permit N/A Zoning CH Land Use Plan Map Category Highway Interchange
Comments _____
☐ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Fax 386-752-4757

Name Authorized Person Signing Permit STEVE SMITH Phone 386 752-5355

Address 466 SW DEPUTY J. DAVIS LN, LAKE CITY, FL 32024 (Suzanna)

Owners Name STEVE SMITH Phone 386 752-5355

911 Address 466 SW DEPUTY J. DAVIS LN, LAKE CITY, FL 32024

Contractors Name Freedom Mobile Home SALES INC. Phone 386-752-5355

Address 466 SW Deputy J. Davis Ln. lake city FL 32024

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address Thomas Bechtol

Architect/Engineer Name & Address P.O. Box 1263 Dobson N.C. 27017

Mortgage Lenders Name & Address None

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 34-3S-16-02493-10S Estimated Cost of Construction \$10,000

Subdivision Name MUSGROVE CORNER Lot 546 Block _____ Unit _____ Phase _____

Driving Directions 90 WEST TO 252 B LEFT THEN RIGHT ON DEPT. DAVIS TO 466 ON LEFT (APPROX 1/2 MILE)

Type of Construction STEEL building Number of Existing Dwellings on Property _____

Total Acreage 9.24 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 186 FT Side 627 FT Side 564 FT Rear 282 FT

Total Building Height 15 FT Number of Stories 1 Heated Floor Area N/A Roof Pitch 14 degree

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 9th day of January 2007

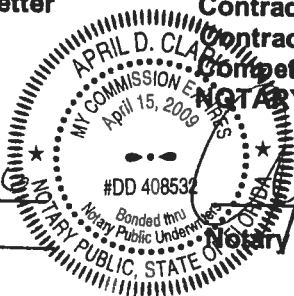
Personally known ☒ or Produced Identification _____

Contractor Signature

Contractors License Number _____

Competency Card Number _____

NOTARY STAMP/SEAL



April D. Clark

Notary Signature

(Revised Sept. 2006)

UP#
3106

Rec. 15.00
1st, 1225.00

0805 101741

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

OFFICIAL RECORDS

95-06368

FILED IN PUBLIC
RECORDS IN PUBLIC
COUNTY, FL

1995 MAY 22 PM 3:25

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Grantee's Tax ID No.

Property Appraiser's
Parcel Identification No.
Part of Parcel No.
34-38-16-02493-000

FILED IN PUBLIC
RECORDS IN PUBLIC
COUNTY, FL
BY *Michael*

WARRANTY DEED

THIS INDENTURE, made this 22nd day of May 1995, BETWEEN CLYDE B. MUSGROVE, as Trustee Under The Provisions of That Certain Trust Agreement dated June 24, 1987, whose post office address is Route 3, Box 124, Live Oak, Florida 32060, of the County of Suwannee, State of Florida, grantor*, and FREEDOM MOBILE HOME SALES, INC., a Florida corporation, whose post office address is Route 13, Box 1070, Lake City, Florida 32024, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lots 5 & 6, Replat of Lots 3, 4, 5 and 6 of MUSGROVE CORNER, a subdivision according to the plat thereof recorded in Plat Book 6, Page 125 of the public records of Columbia County, Florida.

LESS AND EXCEPT: Commence at the intersection of the South Line of said Lot 6 and the Southeasterly right-of-way of SR-252 and run N 51°18'27"E along said Southeasterly right-of-way 80.00 feet to the POINT OF BEGINNING; thence run S 51°18'27"W along said Southeasterly right-of-way 80.00 feet; thence run N 88°47'06"E along the South Line of said Lot 6, 80.00 feet; thence run Northwesterly to the POINT OF BEGINNING.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

DOCUMENTARY STAMP \$1225.00
INTANGIBLE TAX
P. DWITT CASON, CLERK OF
COUNTY, COLUMBIA COUNTY

OFFICE - COA

*"Grantor" and "grantee" are used for singular or plural, as context requires.

EX 0805 PG 1742

IN WITNESS WHEREOF, grantor has hereunto set ~~grantee's~~ **grantee's** RECORDS and set the day and year first above written.

Signed, sealed and delivered in our presence:

Terry McDavid
(First Witness)

Terry McDavid
Printed Name

Myrtle Ann McElroy
(Second Witness)

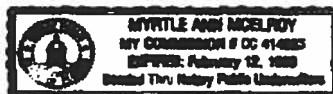
Myrtle Ann McElroy
Printed Name

Clyde B. Musgrove (SEAL)
Clyde B. Musgrove, As Trustee
Under The Provisions of That
Certain Trust Agreement dated
June 24, 1987

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 22nd day of May 1995, by CLYDE B. MUSGROVE, as Trustee Under the Provisions of That Certain Trust Agreement dated June 24, 1987, who is personally known to me and who did not take an oath.

Myrtle Ann McElroy
Notary Public
My Commission Expires: _____



34-3S-16-02493-105

LOTS 5 & 6 MUSGROVE CORNER
REPLAT. ORB 805-1741FREEDOM MOBILE HOME SALES INC 34-3S-16-02493-105
466 SW DEPUTY J DAVIS LN
LAKE CITY, FL 32024PRIN
APPR

BUSE	000800	MOBILE	HME	AE?	N	2928	HTD AREA	90.230	INDEX	34316.05
MOD	4	COMMERCIAL	BATH			3088	EFF AREA	25.264	E-RATE	100.000
EXW	31	VINYL SID	FIXT		4	78015	RCN			1995
%		N/A	BDRM			76.00	%GOOD	59,291	B BLDG VAL	1995
RSTR	03	GABLE/HIP	RMS		10	-----				
RCVR	03	COMP SHNGL	UNTS			3FIELD CK:				
%		N/A	C-W%			3LOC: FREEDOM MH				
INTW	05	DRYWALL	HGHT		8	3				
%		N/A	PMTR			3	+-8-+			
FLOR	14	CARPET	STYS		1.0	3	IUDU1995			
10%	08	SHT VINYL	ECON			3	+-8-+			
HTTP	04	AIR DUCTED	FUNC			3				
A/C	03	CENTRAL	SPCD			3				
QUAL	03	AVERAGE	DEPR	09		3	+-----86-----+			
FNDN		N/A	N/A			3	IBAS1995 I			
SIZE		ALL	N/A			3	I 2			
CEIL	02	F.NOT SUS	N/A			3	I 4			
ARCH		N/A	N/A			3	I I			
FRME	02	WOOD FRAME	N/A			3	I +-----23-----+-----17-----+-----22-----+			
KTCH		N/A	N/A			3	I I +-----19-----+FOP1995+-----22-----+			
WNDO		N/A	N/A			3	6 +-8-+ +-----17-----+UOP1995			
CLAS		N/A	N/A			3	0 IFOP1995			
OCC		N/A	N/A			3	I 1 1			
COND		N/A	%			3	I 6 6			
SUB	A-AREA	%	E-AREA	SUB	VALUE	3	I +UOP1995			
UDU95	80	40	32		614	3	I 1 1			
BAS95	2928	100	2928		56219	3	I 1 1			
UOP95	244	20	49		941	3	+-----24-----+UOP1995			
FOP95	264	30	79		1517	3				
						3				
						3				
						3				
						3				
						3				

TOTAL	3516		3088		59291	-----							
-----EXTRA FEATURES-----						FIELD CK:							
AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRI
Y		0260	PAVEMENT-ASP				1		1995	1.00	11142.000	UT	.
Y		0070	CARPORT UF	20	26		1		1995	1.00	520.000	UT	2.
Y		0169	FENCE/WOOD				1		1995	1.00	1.000	UT	3500.
Y		0294	SHED WOOD/VI	40	72		1		1993	1.00	1.000	UT	7000.

LAND	DESC	ZONE	ROAD	{UD1	{UD3	FRONT	DEPTH	FIELD CK:				
AE	CODE	TOPO	UTIL	{UD2	{UD4	BACK	DT	ADJUSTMENTS				
Y	000217	MH/OFFICE	00	0007				1.00	1.00	.85	.95	9.24

0001 0003

B001 - FREEDOM MH SALES

L001 - ADJ;4 FLOOD PLAIN

SALE - LOTS 5 & 6

2007

BEING A PORTION OF THE SOUTH QUARTER OF SECTION 34, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, PENNSYLVANIA

Curve Number 4
 Radius 804.93'
 Offset 07'30.41"
 Arc 116.63'
 Chords 382.40'
 Chord Btg. N.68°28'47"E

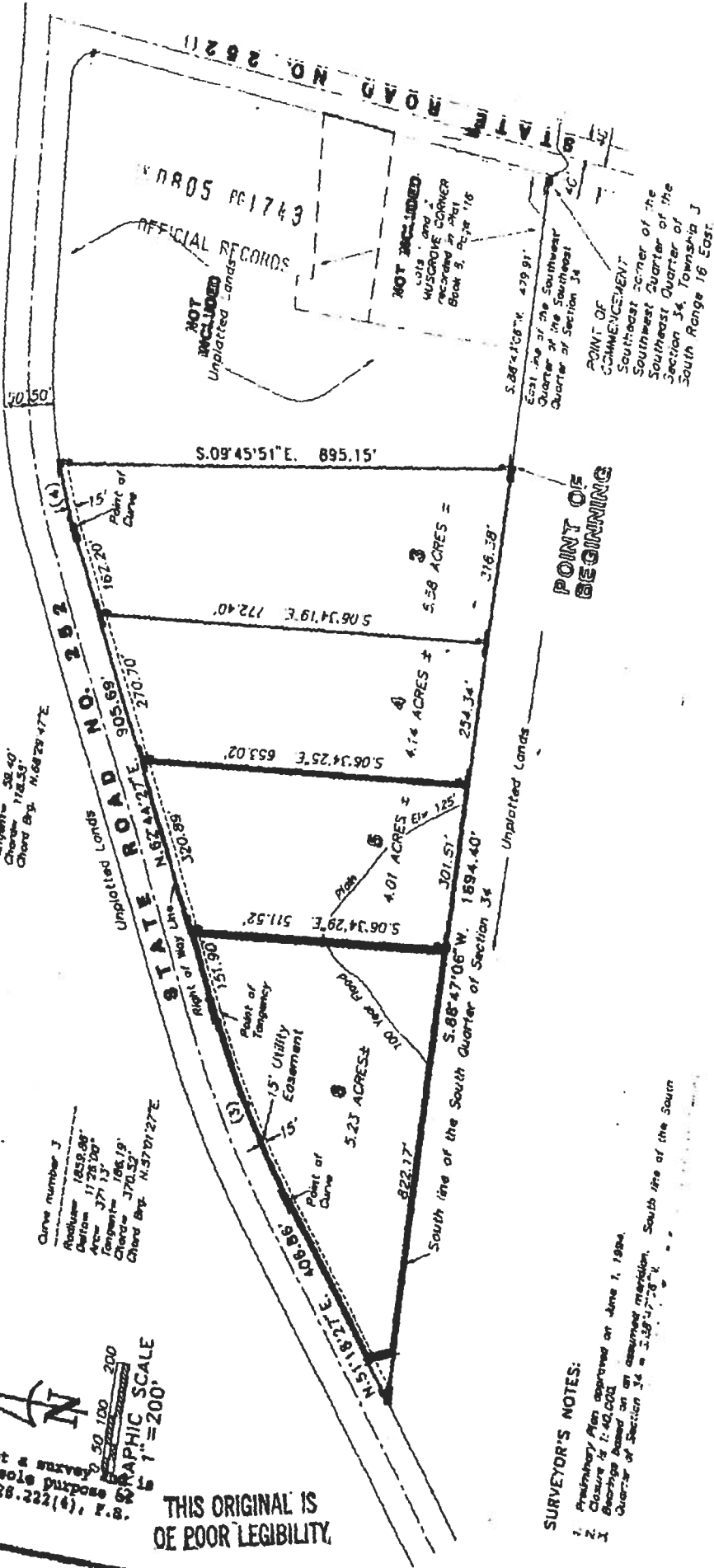
Curve Number 3
 Radius 1839.88'
 Offset 17'28.00"
 Arc 377.13'
 Chords 106.19'
 Chord Btg. N.37°01'27"E



This sketch is not a survey attached for the sole purpose of compliance with §28.222(4), P.S.

GRAPHIC SCALE
 1" = 200'

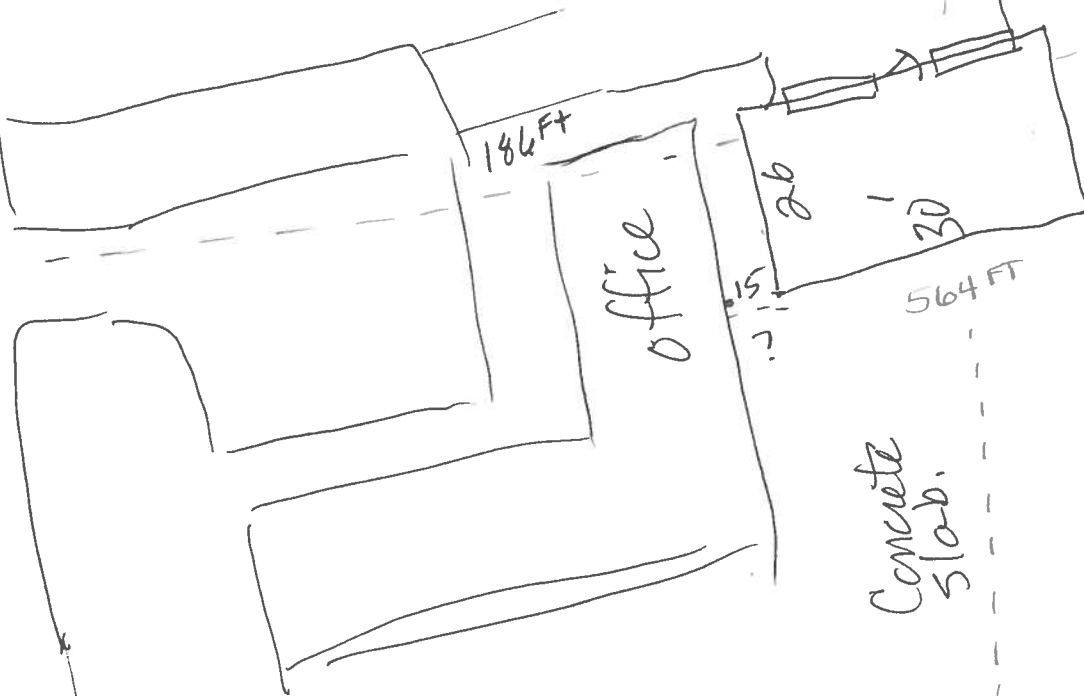
THIS ORIGINAL IS OF POOR LEGIBILITY.



SURVEYOR'S NOTES:

1. Preliminary Plan approved on June 1, 1994.
2. Closure is 1:40,000.
3. Bearings based on an assumed meridian. South line of the South Quarter of Section 34 is 1:38°17'28\"/>

Deputy J. Davis lane



Concrete
slab.

127 FT

186 FT

office

26

564 FT

15
12

30

282 FT

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☐ Single Family Dwelling
☐ Farm Outbuilding

- ☐ Two-Family Residence
☐ Other _____

NEW CONSTRUCTION OR IMPROVEMENT

- ☐ New Construction

- ☒ Addition, Alteration, Modification or other Improvement

I Steve Smith, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Steve Smith
Owner Builder Signature

1-10-07
Date

The above signer is personally known to me or produced identification

Notary Signature

April D. Clark
Date

1/10/07

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____



***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.
Certificate of Authorization No. 00005492



Thomas Bechtol, P.E.
Florida License No. 38538

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	4.5	8	6
	130	4.0	8	6
	140	3.5	8	4
	150	3.0	8	4

- NOTES:
1. Specifications applicable to 29 gauge metal panels fastened directly to 12 or 14 gauge steel tube bow frames.
 2. Fasteners consist of 1/4"-14 x 1" self drilling screws.
 3. Specifications applicable only for mean roof height of 15 feet or less, and roof slope of 14 degrees (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 gauge metal panels fastened directly to 12 or 14 gauge steel tube end posts.
 2. Fasteners consist of 1/4"-14 x 1" self drilling screws.
 3. Specifications applicable only for mean roof height of 15 feet or less. Spacing requirements for other roof heights may vary.

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 2004 FLORIDA BUILDING CODE.


THOMAS BECHTOL, P.E.

FLORIDA LICENSE NO. 38538

METAL CARPORT ROOF AND SIDE PANEL FASTENER SPECIFICATIONS
(EXPOSURE CATEGORY B / 110 MPH BASIC WIND SPEED)

PREPARED FOR: CAROLINA CARPORTS, INC., P.O. BOX 1263, DOBSON, NORTH CAROLINA
PREPARED BY: THOMAS BECHTOL, P.E., FLORIDA LICENSE NO. 38538
DATE PREPARED: 02/06/06

THE FOLLOWING CALCULATIONS AND SPECIFICATIONS ARE PREPARED ONLY FOR, AND ARE CERTIFIED ONLY TO CAROLINA CARPORTS, INC. USE OF THESE CALCULATIONS AND SPECIFICATIONS BY OTHERS IS PROHIBITED UNLESS AUTHORIZED BY CAROLINA CARPORTS, INC.

MATERIAL SPECIFICATIONS:

ROOF AND SIDE PANELS: CAROLINA CARPORTS, INC. 29 GA. R-PANELS
FRAMING: 2.5" X 2.5" 12 OR 14 GAUGE STEEL TUBE BOW FRAMES
PANEL FASTENERS: 1/4"-14 X 1" SELF DRILLING SCREWS

ASSUMED DESIGN CRITERIA:

EXPOSURE CATEGORY: B
BASIC WIND SPEED: 110 MPH (3-SECOND GUST)
MEAN ROOF HEIGHT: 15 FEET MAXIMUM
ROOF ANGLE: 14 DEGREES
EFFECTIVE WIND AREA: 10 S.F.
IMPORTANCE FACTOR: 0.77
EFFECTIVE END ZONE WIDTH: 3.0'

COMPONENT AND CLADDING DESIGN WIND PRESSURE:

DESIGN UNIT LOAD (q): USE OVERHANG ZONE 2 (PER FIGURE 1609.6(c), 2004 FBC) FOR INTERIOR BOWS
USE OVERHANG ZONE 3 (PER FIGURE 1609.6(c), 2004 FBC) FOR END BOWS
FROM TABLES 1609.6C, TABLE 1609.6D (BUILDING HEIGHT AND EXPOSURE ADJUSTMENT FACTOR), AND 1604.5
(STRUCTURE IMPORTANCE FACTOR), 2004 FBC:
INTERIOR BOWS: $q = (40.6)(1.00)(0.77) = 31.3$ PSF
END BOWS: $q = (68.3)(1.00)(0.77) = 52.6$ PSF

PANEL FASTENER DESIGN CALCULATIONS:

DESIGN FASTENER: 1/4" X 1" SELF DRILLING FASTENER INTO 12 OR 14 GAUGE STEEL TUBE BOW FRAME
ALLOWABLE PULL-OUT CAPACITY = 383 POUNDS / SCREW (INCORPORATES MINIMUM SF = 3)
ALLOWABLE PULL-OVER CAPACITY = 150 POUNDS / SCREW (INCORPORATES MINIMUM SF = 3)
FASTENER DESIGN SHALL BE GOVERNED BY ALLOWABLE PULL-OVER CAPACITY
MANUFACTURER SPECIFIES 1 SCREW @ MAXIMUM 8" O.C. ALONG EACH BOW

MAXIMUM ALLOWABLE BOW SPACING = $(150) / (.67)(31.3) = 7.15'$
MAXIMUM ALLOWABLE END BOW FASTENER SPACING = $(150) / (52.6)(3.0) = 0.95' = 11.4"$

DESIGN: MAXIMUM BOW SPACING = 5.0'

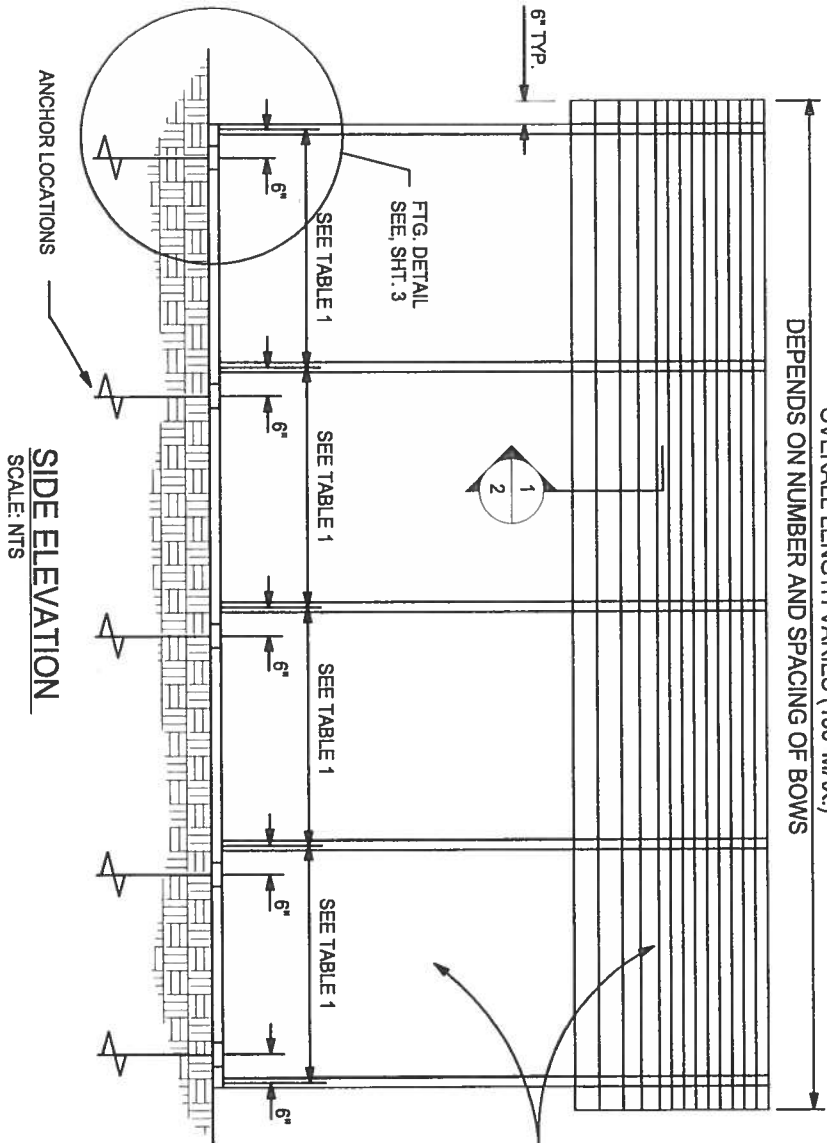
MAXIMUM FASTENER SPACING ALONG BOWS = 8" O.C. (INTERIOR BOWS) AND 8" O.C. (END BOWS)

THE ABOVE CALCULATIONS AND SPECIFICATIONS ARE APPLICABLE TO STRUCTURES CONSTRUCTED IN EXPOSURE CATEGORY B WITH MEAN ROOF HEIGHT OF 15 FEET OR LESS, AND WITH ROOF SLOPE OF 14 DEGREES (3/12 PITCH). REQUIREMENTS FOR OTHER EXPOSURE CATEGORIES, AND/OR ROOF HEIGHT, AND/OR ROOF SLOPES MAY VARY.

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 2004 FLORIDA BUILDING CODE.


THOMAS BECHTOL, P.E.
FLORIDA LICENSE NO. 38538

OVERALL LENGTH VARIES (100' MAX.)
DEPENDS ON NUMBER AND SPACING OF BOWS



CAROLINA CARPORTS INC.
P.O. BOX 1263
DOBSON, NC 27017
TOLL FREE 1-800-670-4262
LOCAL 336-367-6400
FAX 336-367-6410

29 GAGE R-PANEL ROOFING
(OPTIONAL SIDE PANELS)

NOTES:

1. ALL STEEL TUBING SHALL BE 50 KSI STEEL.
2. LOCATE ANCHORS AT EACH END OF BOW.
3. FASTEN METAL ROOF PANELS TO BOW FRAME WITH 1/4" x 1" SELF DRILLING FASTENERS @ 8" O.C. MAX. (SEE TABLE 1 FOR FASTENER SPACING SPECIFICATIONS)
4. ALL FIELD CONNECTIONS SHALL BE 1/4" x 1" SELF DRILLING SCREWS
5. ALL SHOP CONNECTIONS SHALL BE WELDED.
6. THE PLANS ARE VALID UNTIL THE NEXT REVISION OF THE FLORIDA BUILDING CODE.

BECHTOL ENGINEERING AND TESTING, INC.
Certificate of Authorization No. 00005492

Thomas Bechtol, P.E.
Florida License No. 38538

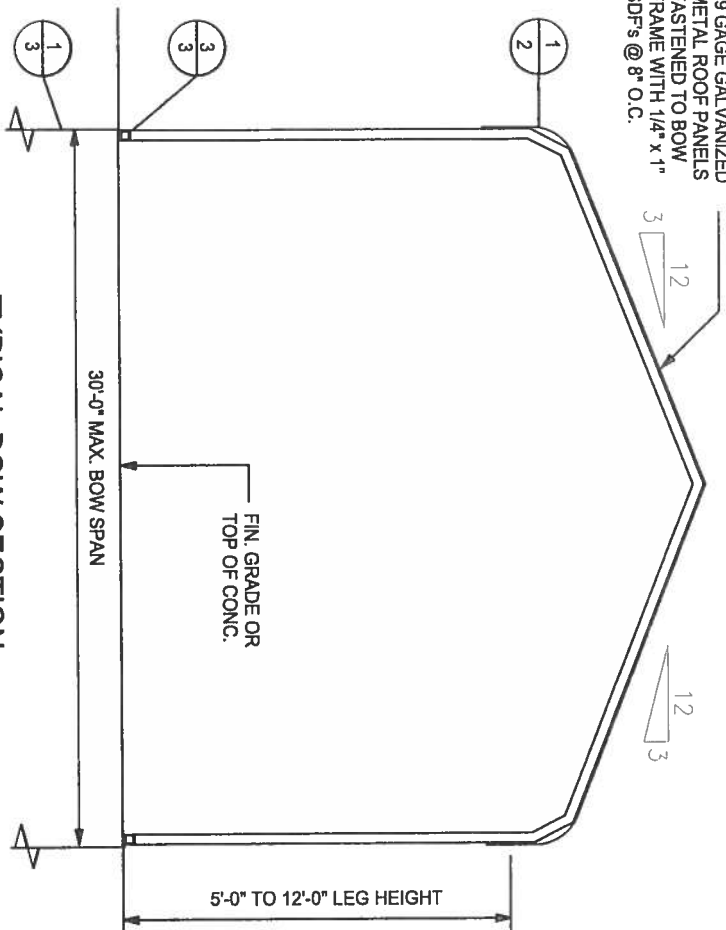
RF 3/12/04



BECHTOL ENGINEERING
AND TESTING, Inc.

CONSULTING GEOTECHNICAL, ENVIRONMENTAL, AND MATERIALS TESTING ENGINEERS
Certificate of Authorization No. 00005492

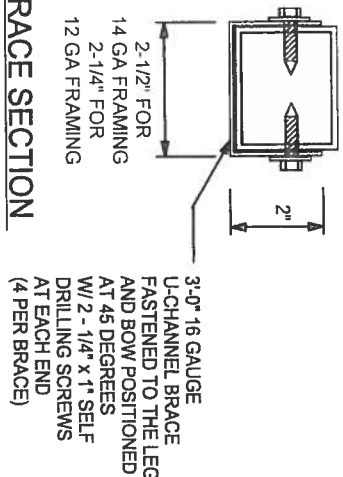
29 GAGE GALVANIZED METAL ROOF PANELS FASTENED TO BOW FRAME WITH 1/4" x 1" SDFs @ 8" O.C.



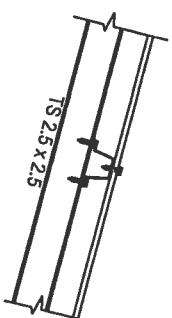
TYPICAL BOW SECTION

SCALE: NTS

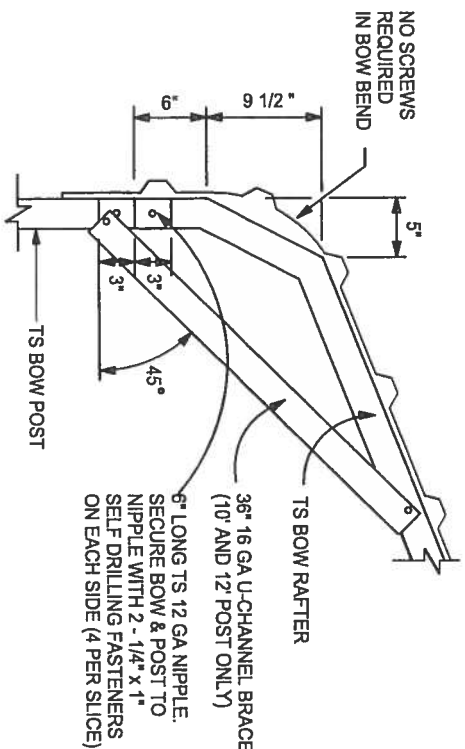
BRACE SECTION
(10' AND 12' POST ONLY)
NTS



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.

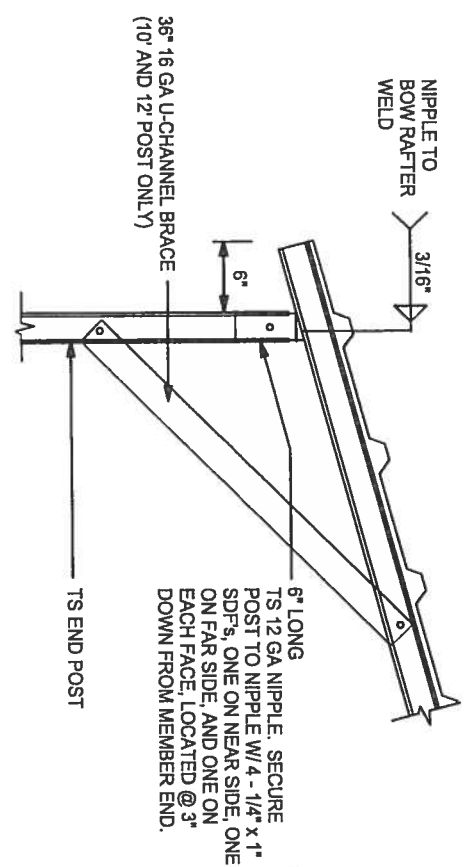


ROOF PANEL ATTACHMENT
(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE: 1" = 1'-0"



BOW/POST DETAIL

SCALE: 3/4" = 1'-0"



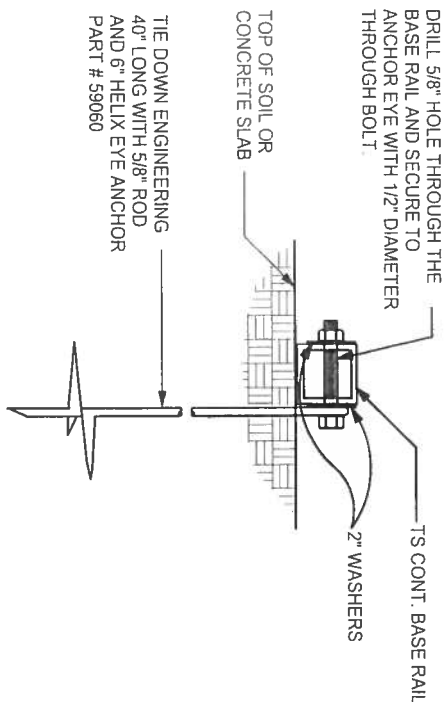
BOW/POST DETAIL

SCALE: 3/4" = 1'-0"

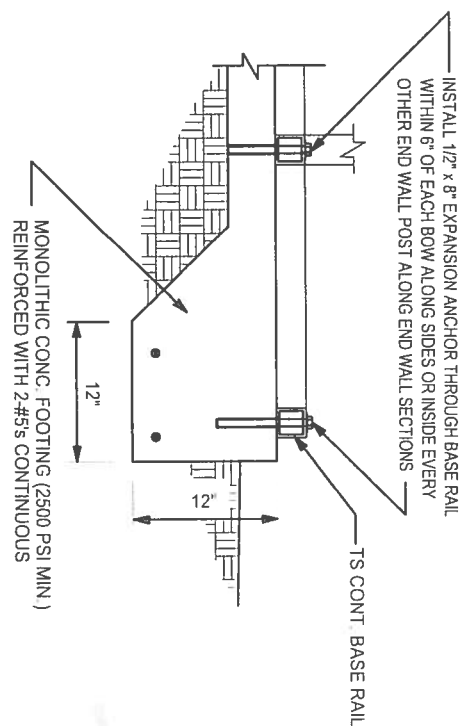
(BOXED EAVE OPTION)

BECHTOL ENGINEERING AND TESTING, INC.
Certificate of Authorization No. 00005492

Thomas Bechtol, P E
Florida License No. 38538
3/13/04

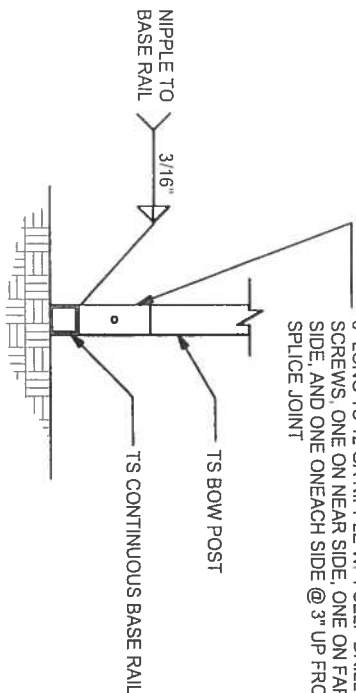


1
BASE RAIL ANCHORAGE
SCALE: 1 1/2" = 1'-0"



2
CONCRETE BASE RAIL ANCHORAGE
SCALE: 3/4" = 1'-0" (OPTIONAL)

6" LONG TS 12 GA NIPPLE W/ 4 SELF-DRILLING SCREWS, ONE ON NEAR SIDE, ONE ON FAR SIDE, AND ONE ON EACH SIDE @ 3" UP FROM SPLICE JOINT



3
BOW/BASE RAIL CONN. DETAIL
SCALE: 3/4" = 1'-0"

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.

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 WITH FACE 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.

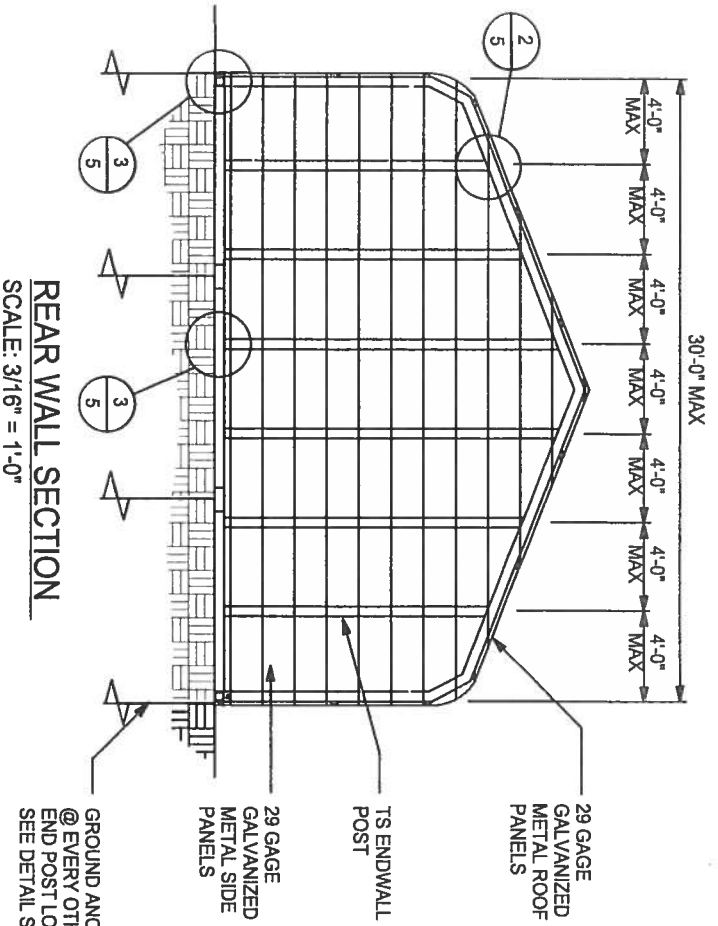
GALVANIZATION:
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

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.

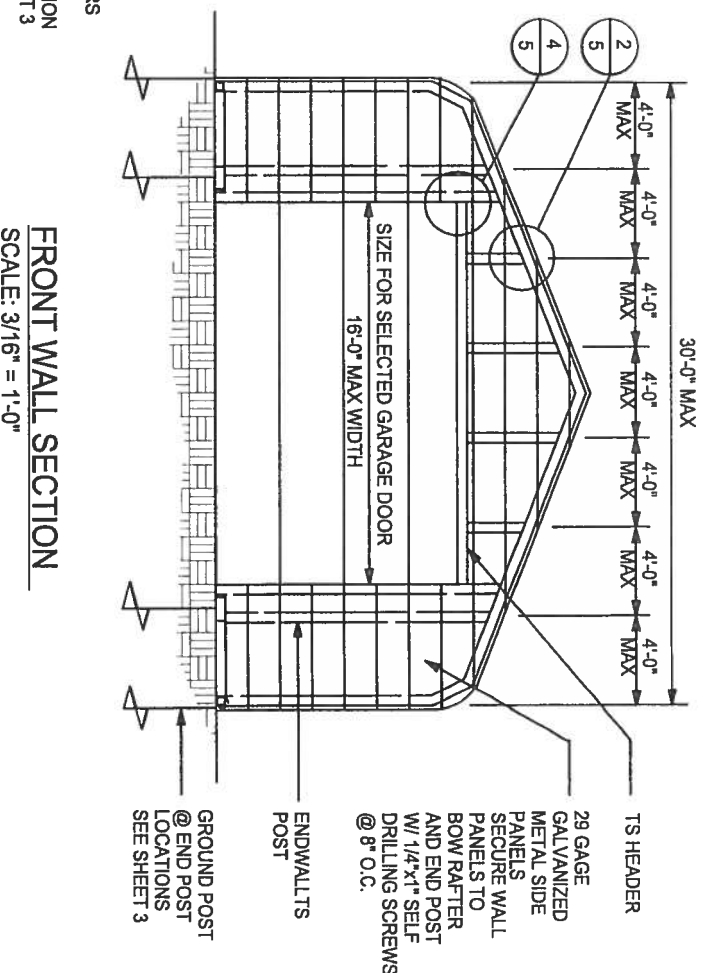
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REAR WALL SECTION
SCALE: 3/16" = 1'-0"



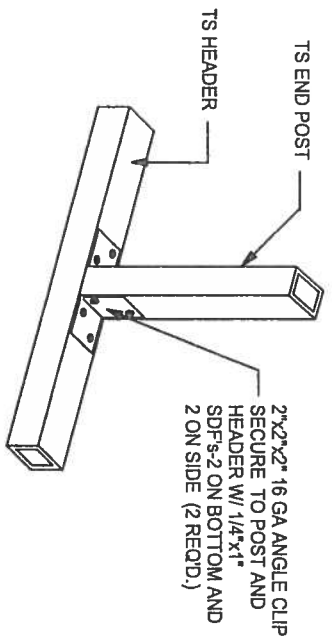
FRONT WALL SECTION
SCALE: 3/16" = 1'-0"

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.

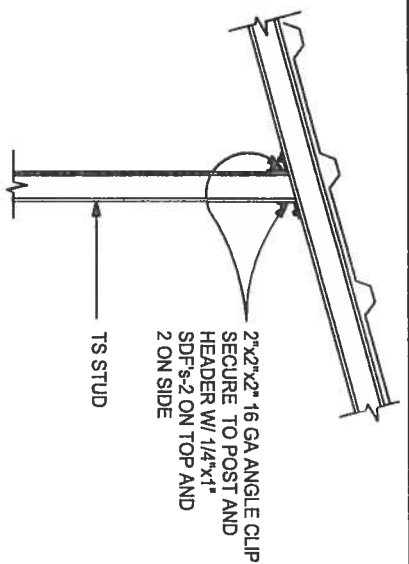
NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:
ANSI/AAMA/NWDA 101/IS2 2/97
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.

CARPOT WIDTH	MAX DOOR WIDTH
16'	8'
18'	10'
20'	12'
22'	12'
24'	16'
26'	16'
28'	16'
30'	16'

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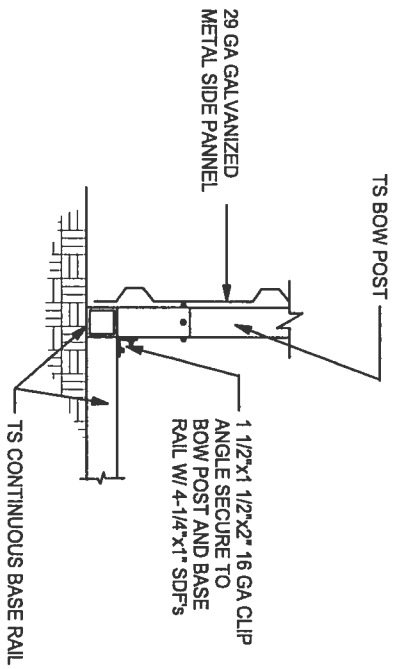


1
NTS
END POST TO HEADER/RAIL CONN.

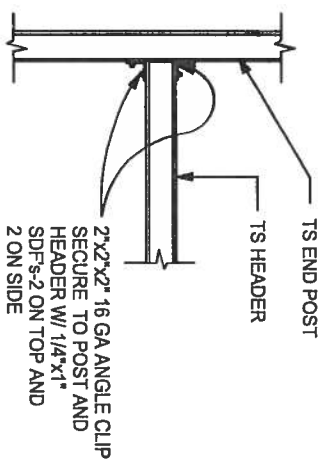


2
SCALE: 3/4" = 1'-0"
END POST/BOW CONN. DETAIL

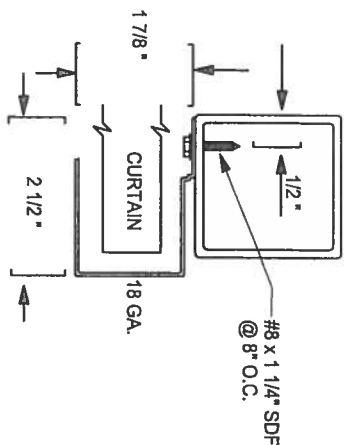
NOTE:
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NIPPLES ARE 2-1/4"x2-1/4" 12 GA T.S. FOR 14 GA FRAMING.
NIPPLES ARE 2"x2" 12 GA T.S. FOR 12 GA FRAMING.



3
SCALE: 3/4" = 1'-0"
END BOW/BASE RAIL CONN.

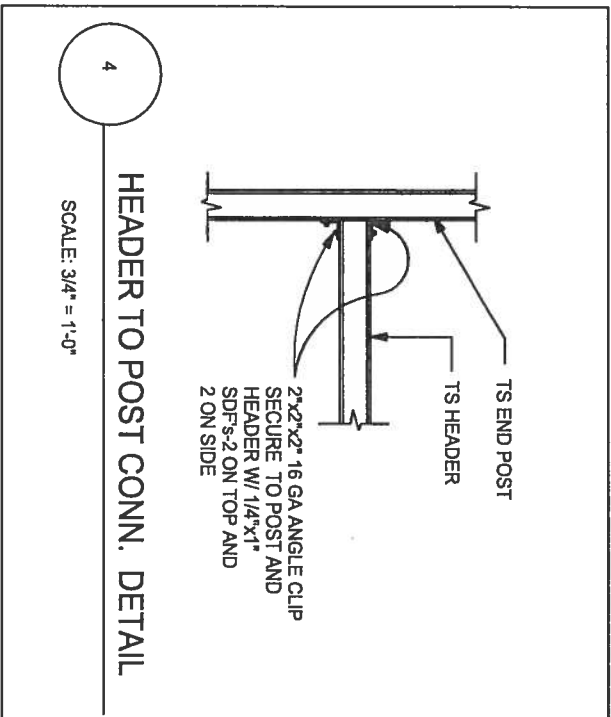
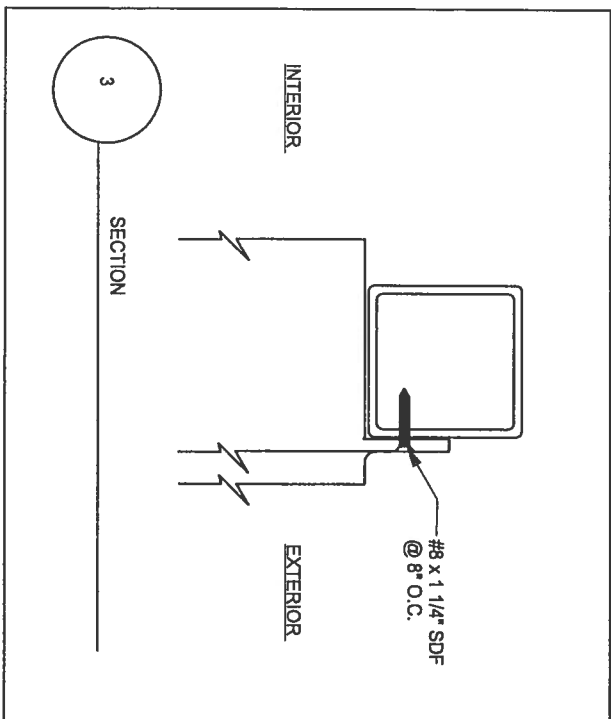
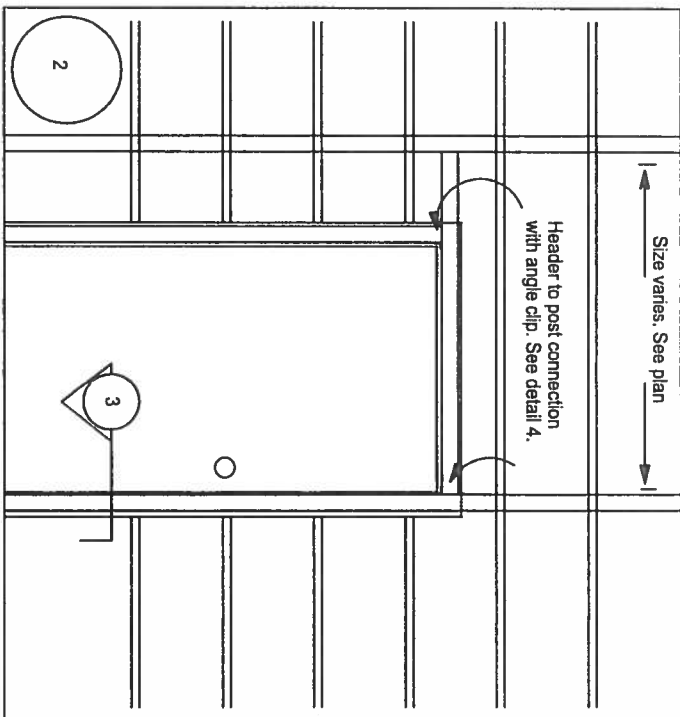


4
SCALE: 3/4" = 1'-0"
HEADER TO POST CONN. DETAIL



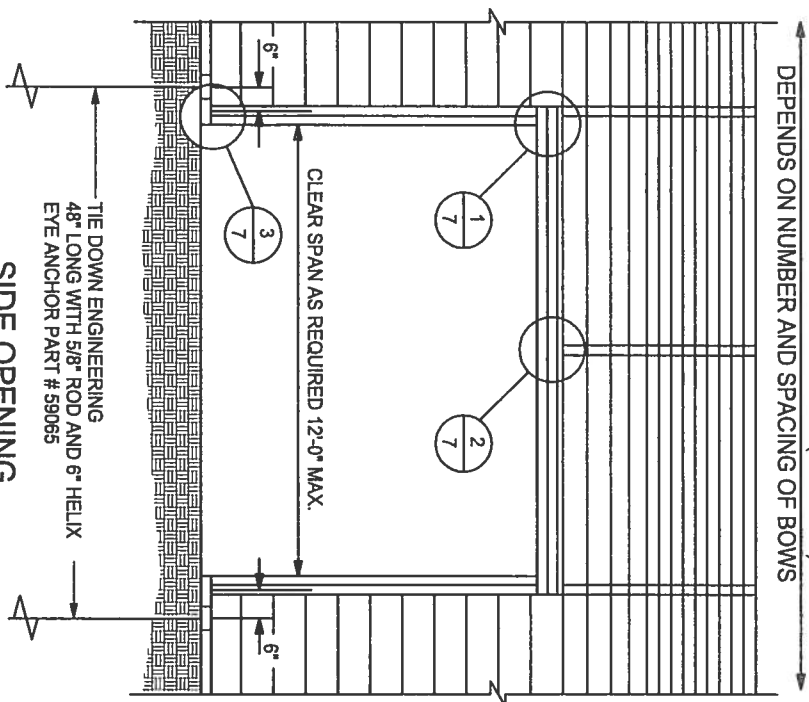
SECTION THROUGH ROLL UP DOOR HEADER

CURTAIN: 26 GA. galvanized steel with baked on epoxy primer & polyester top coat.



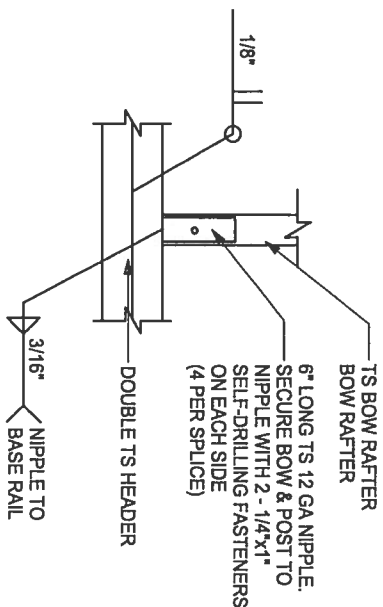
NOTE:
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 NIPPLES ARE 2"x2" 12 GA T.S. FOR 12 GA FRAMING.

OVERALL LENGTH VARIES (100 MAX.)
DEPENDS ON NUMBER AND SPACING OF BOWS



SIDE OPENING

SCALE: NTS



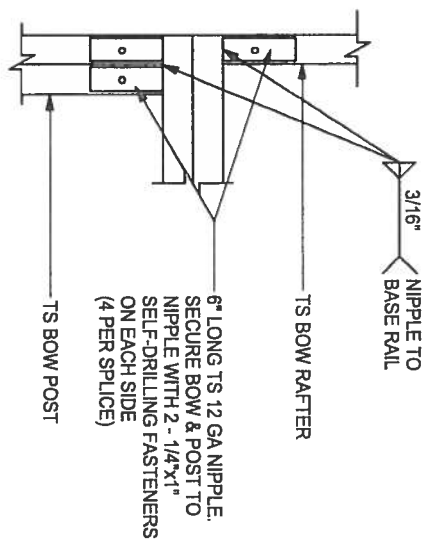
BOW/HEADER DETAIL

2

SCALE: 3/4\" = 1'-0"

NOTE:

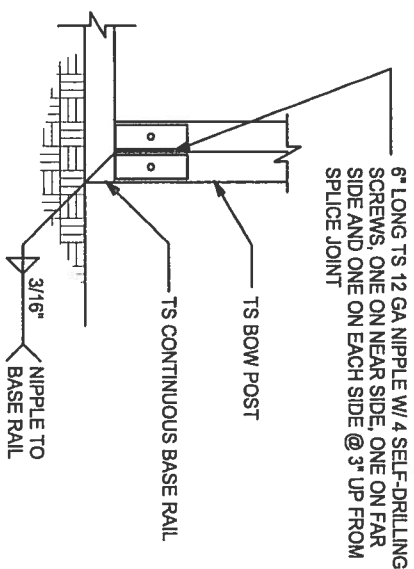
- 14 GA FRAMING IS 2-1/2"x2-1/2" TUBE STEEL.
- 12 GA FRAMING IS 2-1/4"x2-1/4" TUBE STEEL.
- NIPPLES ARE 2-1/4"x2-1/4" 12 GA T.S. FOR 14 GA FRAMING.
- NIPPLES ARE 2"x2" 12 GA T.S. FOR 12 GA FRAMING.



BOW/POST DETAIL

1

SCALE: 3/4\" = 1'-0"



BOW/BASE RAIL CONN. DETAIL

3

SCALE: 3/4\" = 1'-0"

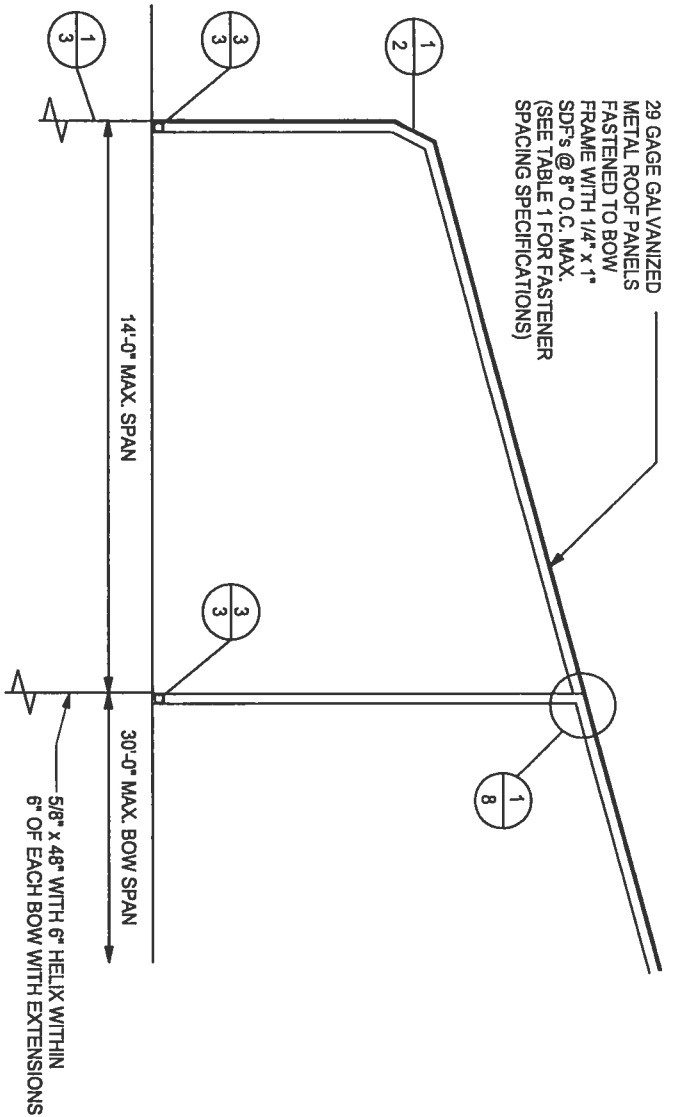
**BECHTOL ENGINEERING
AND TESTING, Inc.**

CONSULTING GEOTECHNICAL, ENVIRONMENTAL, AND MATERIALS TESTING ENGINEERS
Certificate of Authorization No. 00005492

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29 GAGE GALVANIZED
METAL ROOF PANELS
FASTENED TO BOW
FRAME WITH 1/4" x 1"
SDFs @ 8" O.C. MAX.
(SEE TABLE 1 FOR FASTENER
SPACING SPECIFICATIONS)

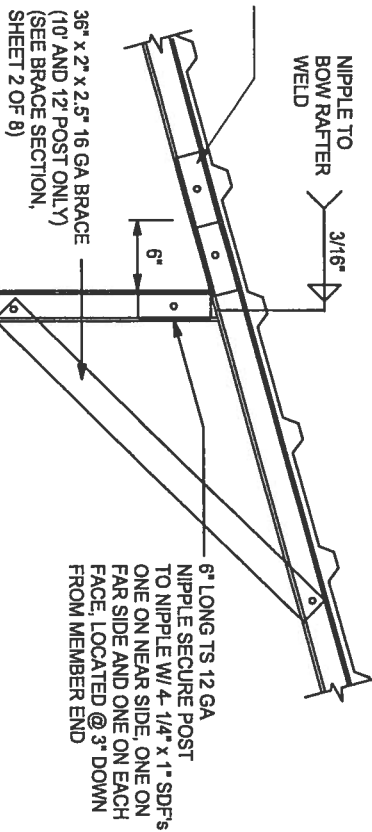


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NIPPLES ARE 2"x2" 12 GA T.S. FOR 12 GA FRAMING.

TYPICAL SIDE EXTENSION SECTION

SCALE: NTS

12" LONG TS 12 GA
NIPPLE SECURE POST
TO NIPPLE W/ 4- 1/4" x 1" SDFs
ONE ON NEAR SIDE, ONE ON
FAR SIDE AND ONE ON EACH
FACE, LOCATED @ 3" DOWN
FROM MEMBER END



BOW/POST DETAIL

SCALE: 3/4" = 1'-0"

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Thomas Bechtol 3/13/06
Thomas Bechtol, P.E.
Florida License No. 38538

**NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA*******THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERK'S OFFICE BEFORE YOUR FIRST INSPECTION.*****

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 34-35-16-02493-105

PERMIT NUMBER _____

1. Description of property: (legal description of the property and street address or 911 address)
lots 5 & 6 Musgrove Corner Replat ORB
805-1741 466 SW Deputy J. Davis Ln.
Lake City, FL 32024
2. General description of improvement: CONSTRUCTION OF A 26' X 30' GARAGE
TYPE STORAGE BUILDING
3. Owner Name & Address STEVE SMITH (FREEDOM HOMES) 466 DEPUTY J. DAVIS L.
LAKE CITY, FL, 32024 Interest In Property _____
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name Owner Builder Phone Number 386 758 5355
Address _____
6. Surety Holders Name _____
Address _____
Amount of Bond _____ Inst: 2007000943 Date: 01/12/2007 Time: 13:18
DC, P. Dewitt Cason, Columbia County B: 1107 P: 2107
7. Lender Name _____
Address _____
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Suzana Reeves Phone Number 386-752-5355
Address 466 SW Deputy J. Davis Lane Lake City FL 32084
9. In addition to himself/herself the owner designates _____ of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

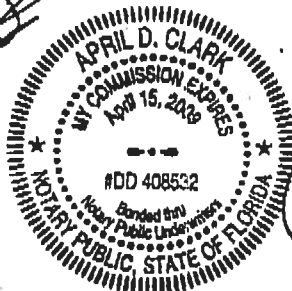
NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Sworn to (or affirmed) and subscribed before day of JANUARY 2007

NOTARY STAMP/SEAL

Signature of Owner



Signature of Notary

25479



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056

4784 Rosselle Street • Jacksonville, FL 32254

2230 Greensboro Highway • Quincy, FL 32351

Tel. (386) 755-3633 • Fax (386) 752-5456

Tel. (904) 381-8901 • Fax (904) 381-8902

Tel. (850) 442-3495 • Fax (850) 442-4008

January 10, 2007

Freedom Mobile Homes
466 SW Deputy J. Davis Lane
Lake City, Florida 32024

Attention: Suzanna Reeves

Reference: Commercial Metal Building
CR 252
Lake City, Florida
Cal-Tech Project No. 06-715

Dear Ms. Reeves,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation for the proposed building at the above referenced location. Our work was performed in conjunction with and authorized by you.

Introduction

We understand you will construct a single-story, metal-frame commercial building, with a plan area of approximately 2,500 square feet. Support for the structure is to be provided by conventional, shallow spread footings. We understand that the design bearing pressure for the foundations is 2,500 pounds per square foot (psf). Detailed foundation loads have not been provided; however, we assume column and wall loads will not exceed 40 kips and 2.0 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,500 psf and to present recommendations for foundation design and construction.

Site Investigation

The subsurface conditions were investigated by performing four (4) Standard Penetration Test borings advanced to depths of 10 feet. The borings were performed at the approximate locations indicated on the attached Report of Soil Borings, and were located in the field by the client.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings generally encountered very loose to very dense fine sands (SP) from the ground surface to the termination depth in three of the borings and to a depth of about nine feet in two borings. These two borings terminated in loose to medium dense clayey fine sands (SC).

Ground water was encountered at depths of five to 7.5 feet.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Report of Soil Borings. Note that the transition between soil layers may be gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

The site soils appear to be very loose to loose in some areas of the site. Based upon these findings, moderate site improvement should be performed; however, it is our opinion the site soils are suitable to provide support for the building using conventional, shallow spread footings. We concur that the foundations may be sized using a maximum soil bearing pressure of 2,500 psf; however, we recommend foundations have minimum widths of 18 and 24 inches for strip and isolated footings, respectively, even though the allowable soil bearing pressure may not be developed. The bottoms of foundations should be embedded a minimum of 18 inches below the lowest adjacent grade (finished surface grade, for example).

Due to the general variability of the immediate bearing soils, we believe it would be beneficial to proof-roll and then proof-compact the bearing soils in all foundation and floor slab areas. These bearing soils should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least two feet. Compaction of the bearing soils will reduce settling of the foundations and thereby reduce the likelihood of distress in the structure.

Our evaluation is based upon subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if substantially different subsurface conditions are encountered.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer, CEO

Linda Creamer
President / CEO

Robert W. Clark
Robert W. Clark, P.E. 1/10/07
Geotechnical Engineer
Registered Florida No. 52210