

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only: Application No. 0701-59 Date Received 1-16-07 By GP Permi No. 1318/25495
Application Approved by - Zoning Official BK Date 25.01.07 Plans Examiner OK 27H Date 1-30-07
Flood Zone X P 24 Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments _____

Sadie Pettrey
Applicants Name SPICER CONSTRUCTION, INC Phone 386-364-6464
Address P.O. BOX 460 LIVE OAK, FL 32064

ADDITIONAL FACT
Owners Name EDWIN F & ROSA BAEZ Phone 386-623-1129

911 Address 348 SW WINDDALE FL, L.C. FL 32024

Contractors Name SPICER CONSTRUCTION, INC Phone 386-364-6464

Address P.O. BOX 460 LIVE OAK, FL 32064

Fee Simple Owner Name & Address NONE

Bonding Co. Name & Address NONE

Architect/Engineer Name & Address Paul Spicer-P.O.Box 460 Live Oak / Gary Gill- Live Oak, FL 32064

Mortgage Lenders Name & Address Wachovia Mortgage Corporation 3563 Phillips Hwy Suite 400C Jacksonville, FL

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

Property ID Number 14-4S-15-00367-153 Estimated Cost of Construction \$124,350.00

Subdivision Name Pinemount Heights Lot 3 Block B Unit Phase

Driving Directions 90 East, right on 137th, South on CR 252, left, then right on 27th Rd, Weirsdale PL

SEE NEXT PAGE FOR DIRECTIONS.

Type of Construction SFD-New Construction Number of Existing Dwellings on Property 0

Total Acreage 1.00 5 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 157 Side 100 Side 179 Rear 215

Total Building Height 18 ft Number of Stories 1 Heated Floor Area 1500 Roof Pitch 5/12

TOTAL 1,644

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 most 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.

Sadie Pettrey
Owner Builder or Agent (including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 8th day of January 2007
Personally known or Produced Identification

Paul Spicer
Contractor Signature
Contractors License Number CGC016855/CRC040926
Competency Card Number

NOTARY STAMP/SEAL

Claudia Wagman
Notary Signature
CLAUDIA WAGMAN
Commission # DD0191348
Expires 3/9/2007
Bonded through
(800-432-4254) Florida Notary Assn., Inc.

TW ADVISE = Paul 1.30.07 8:20 AM

*Pinemount, TL Godbolt, TR Satellite,
TL on Sabine Ave, TL on Weirsdate Pl, 3rd lot*
Columbia County Building Permit Application
Revised 9-23-04 *on right*

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Application Approved by - Zoning Official _____ Date _____ Plans Examiner _____ Date _____
Flood Zone _____ Development Permit _____ Zoning _____ Land Use Plan Map Category _____
Comments _____

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Subdivision Name Pinemount Heights Lot 3 Block B Unit _____ Phase _____

Driving Directions 90 East, right on 137th, South on CR 252, left, then right on 27th Rd, Weirsdate PL

West 252 to 27th Rd, turn left go to Weirsdate PL, turn left
property on right, sign will be posted (SPICER CONSTRUCTION) *3rd lot on right*

Type of Construction SFD-New Construction Number of Existing Dwellings on Property _____

Total Acreage 1.00 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

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00367-153

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this _____ day of _____ 20

Personally known _____ or Produced Identification _____

Contractor Signature
Contractors License Number CGC016855/CRC040926
Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001318

DATE 02/07/2007 PARCEL ID # 14-4S-15-00367-153

APPLICANT SADIE PETTREY PHONE 386-364-4044

ADDRESS PO BOX 460 LIVE OAK FL 32064

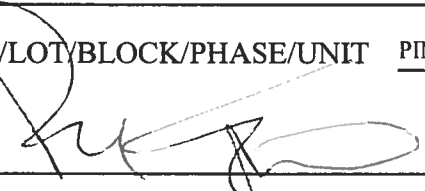
OWNER EDWIN & ROSA BAEZ PHONE 623-1129

ADDRESS 348 SW WIERSDALE PLACE LAKE CITY FL 32024

CONTRACTOR SPICER CONSTRUCTION PHONE 364-6464

LOCATION OF PROPERTY PINEMOUNT, L GODBOLT, R SATELLITE, L SABRE AVE,
L WEIRSDALE PL, 3RD LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PINEMOUNT HEIGHTS 3 B

SIGNATURE 

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



JAN-19-2007 17:39 From:

To: 813863644044

Page: 2/2

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 1/16/2007 DATE ISSUED: 1/19/2007

ENHANCED 9-1-1 ADDRESS:

348 SW WEIRSDALE

PL

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

14-4S-15-00367-153

Remarks:

LOT 3 BLK B PINEMOUNT HEIGHTS S/D

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

Approved Address

595

JAN 19 2007

911Addressing/GIS Dept

Exhibit A

Lot 3 in Block B of Pine Mount Heights as per plat thereof recorded in Plat Book 6, Pages 122 and 123 of the public records of Columbia County, Florida;

LESS AND EXCEPT the following described parcel:

Begin at the NW corner of said Lot 3 and run S 00°01'13" E, along the West line thereof, 260.16 feet; thence S 88°40'20" E, 172.56 feet; thence N 01°08'20" E, 133.46 feet; thence N 88°51'40" W, 145.24 feet; thence N 00°01'13" W, 128.26 feet to the North line of said Lot 3; thence S 89°11'46" W, along said North line, 30.00 feet to the Point of Beginning.

Parcel Identification Number: R 367-153

Inst:2006027955 Date:11/28/2006 Time:08:50

____DC, P. Dewitt Cason, Columbia County B:1103 P:234



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 14-4S-15-00367-153 HX - MOBILE HOM (000200)

Name: BAEZ EDWIN	LandVal	\$44,500.00
Site: WEIRSDALE	BldgVal	\$33,323.00
Mail: 314 SW WEIRSDALE PL	ApprVal	\$79,983.00
LAKE CITY, FL 32024	JustVal	\$79,983.00
Sales Info 9/21/1998 \$22,000.00 V / Q	Assd	\$54,661.00
	Exmpt	\$25,000.00
	Taxable	\$29,661.00

0 0.08 0.16 0.24 mi



This information, GIS Map Updated: 11/20/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Back

SW WEIRSDALE PLACE

511.38'

127.24'

175.24'

133.46'

172.56'

166.31'

511.38'

426.92'

100'-0"

214'-6"

179'-0"

157'-0"

PROPOSED DIRT DRIVE

PROPOSED
NEW RESIDENCE

PROPOSED
SEPTIC SYSTEM

PROPOSED
WELL
WATER LINE
TO EXISTING
CONNECTION



14-4S-15-00367-153

LOT 3 BLK B PINEMOUNT HEIGHTS
S/D. ORB 870-2486,BAEZ EDWIN
314 SW WEIRSDALE PL
LAKE CITY, FL 32024

14-4S-15-00367-153

Columbia Cou

PRINTED 11/17/2006 15:46
APPR 4/24/2006 DFTW

BUSE	000800	MOBILE	HME	AE?	Y	1248	HTD	AREA	113.900	INDEX	14415.01	PINEMNT	HG	PUSE	000
MOD	2	MOBILE	HME	BATH	2.00	1332	EFF	AREA	31.892	E-RATE	100.000	INDX	STR	14-	4S-15E
EXW	31	VINYL	SID	FIXT		42480	RCN				1997	AYB	MKT	AREA	01
%	N/A		BDRM		3	82.00	%GOOD		34,833	B BLDG VAL	1997	EYB	(PUD1		
RSTR	03	GABLE/HIP	RMS										AC	5.010	
RCVR	03	COMP SHNGL	UNTS										NTCD		
%	N/A		C-W%										APPR	CD	
INTW	05	DRYWALL	HGHT										CNDO		
%	N/A		PMTR										SUBD		
FLOR	14	CARPET	STYS	1.0									BLK		
10%	08	SHT VINYL	ECON										LOT		
HTTP	04	AIR DUCTED	FUNC										MAP#	8	
A/C	03	CENTRAL	SPCD										HX		
QUAL	03	AVERAGE	DEPR	09									TXDT	003	
FNDN	N/A		N/A												
SIZE	N/A		N/A												
CEIL	N/A		N/A												
ARCH	N/A		N/A												
FRME	01	NONE	N/A												
KTCH	N/A		N/A												
WNDO	N/A		N/A												
CLAS	N/A		N/A												
OCC	N/A		N/A												
COND	N/A		%												
SUB	A-AREA	%	E-AREA	SUB	VALUE										
BAS99	1248	100	1248		32636										
FOP05	240	35	84		2197										

TOTAL										1488	1332	34833	FIELD CK:																	
EXTRA FEATURES															FIELD CK:															
AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ	UT	PR	SPCD	%												
Y		0294	SHED WOOD/VI	10	24		1	2005	1.00		240.000	SF	9.000			9.000		1												
LAND															FIELD CK:															
AE	CODE	DESC	ZONE	ROAD	{UD1	{UD3	FRONT	DEPTH	ADJUSTMENTS										UNITS	UT	PRICE	ADJ	UT	PI						
Y	000200	MBL HM	A-1	0007	{UD2	{UD4	BACK	DT											1.00	1.00	1.00	1.00	1.00	42500.000	42500.0					
0002 0003																														
Y	009945	WELL/SEPT	00												1.00	1.00	1.00	1.00	1.00	1.00	2000.000	2000.0								
2007																														

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Baez Residence	Builder:	Glenn I. Jones Inc.
Address:		Permitting Office:	<i>Columbia</i>
City, State:	,	Permit Number:	
Owner:	Baez Residence	Jurisdiction Number:	<i>221000</i>
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 33.6 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	1456 ft²	a. Electric Heat Pump	Cap: 35.0 kBtu/hr HSPF: 8.00
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
(or Single or Double DEFAULT) 7a. (Dble. U=0.6)	90.0 ft²	14. Hot water systems	
b. SHGC:		a. Electric Resistance	Cap: 40.0 gallons EF: 0.92
(or Clear or Tint DEFAULT) 7b. (Clear)	162.9 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 0.0(p) ft	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1395.1 ft²		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1456.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH(Sealed):Interior Sup. R=6.0, 119.0 ft			
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 19516

Total base points: 25535

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Louis E. Weeks

DATE: 1-8-07

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: Sadie Petting

DATE: 1-8-07

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1456.0	20.04	5252.1	Double,U=0.61,Clear	W	1.5	6.0	90.0	39.69	0.91	3262.8
				Double,U=0.61,Clear	E	1.5	6.0	15.0	43.20	0.91	591.4
				Double,U=0.52,Clear	E	1.5	6.0	30.0	43.67	0.91	1195.8
				Double,U=0.61,Clear	E	1.5	4.0	9.0	43.20	0.81	315.6
				Double,U=0.61,Clear	N	1.5	5.0	13.3	20.46	0.92	249.2
				Double,U=0.61,Clear	N	1.5	3.8	5.6	20.46	0.88	100.3
				As-Built Total:			162.9			5715.1	
WALL TYPES		Area X BSPM = Points		Type	R-Value			Area X SPM		= Points	
Exterior	1395.1	1.70	2371.7	Frame, Wood, Exterior	13.0			1395.1	1.50	2092.6	
Adjacent	0.0	0.00	0.0								
Base Total:		1395.1	2371.7	As-Built Total:			1395.1			2092.6	
DOOR TYPES		Area X BSPM = Points		Type				Area X SPM		= Points	
Exterior	42.0	4.10	172.2	Exterior Wood				42.0	6.10	256.2	
Adjacent	0.0	0.00	0.0								
Base Total:		42.0	172.2	As-Built Total:			42.0			256.2	
CEILING TYPES		Area X BSPM = Points		Type	R-Value			Area X SPM X SCM		= Points	
Under Attic	1456.0	1.73	2518.9	Under Attic	30.0			1456.0	1.73 X 1.00	2518.9	
Base Total:		1456.0	2518.9	As-Built Total:			1456.0			2518.9	
FLOOR TYPES		Area X BSPM = Points		Type	R-Value			Area X SPM		= Points	
Slab	160.0(p)	-37.0	0.0	Slab-On-Grade Edge Insulation	0.0			160.0(p)	-41.20	0.0	
Raised	0.0	0.00	0.0								
Base Total:		0.0		As-Built Total:			0.0			0.0	
INFILTRATION		Area X BSPM = Points									
		1456.0	10.21					1456.0	10.21	14865.8	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 25180.6				Summer As-Built Points: 25448.6						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
25180.6	0.4266		10742.0	(sys 1: Central Unit 33600 btuh, SEER/EFF(13.0) Ducts Unc(S), Con(R), Int(AH), R6.0(INS) 25449	1.00	(1.08 x 1.147 x 0.86)	0.263	1.000		7161.6
25180.6	0.4266		10742.0	25448.6	1.00	1.072	0.263	1.000		7161.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1456.0	12.74	3338.9	Double,U=0.61,Clear	W	1.5	6.0	90.0	13.51	1.02	1244.8
				Double,U=0.61,Clear	E	1.5	6.0	15.0	11.68	1.04	181.5
				Double,U=0.52,Clear	E	1.5	6.0	30.0	9.04	1.04	280.9
				Double,U=0.61,Clear	E	1.5	4.0	9.0	11.68	1.08	113.2
				Double,U=0.61,Clear	N	1.5	5.0	13.3	17.34	1.00	231.5
				Double,U=0.61,Clear	N	1.5	3.8	5.6	17.34	1.01	97.7
				As-Built Total:				162.9	2149.5		
WALL TYPES Area X BWPM = Points				Type			R-Value	Area X WPM = Points			
Exterior	1395.1	3.70	5161.9	Frame, Wood, Exterior			13.0	1395.1	3.40	4743.3	
Adjacent	0.0	0.00	0.0								
Base Total: 1395.1 5161.9				As-Built Total:				1395.1	4743.3		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Exterior	42.0	8.40	352.8	Exterior Wood				42.0	12.30	516.6	
Adjacent	0.0	0.00	0.0								
Base Total: 42.0 352.8				As-Built Total:				42.0	516.6		
CEILING TYPES Area X BWPM = Points				Type			R-Value	Area X WPM X WCM = Points			
Under Attic	1456.0	2.05	2984.8	Under Attic			30.0	1456.0	2.05 X 1.00	2984.8	
Base Total: 1456.0 2984.8				As-Built Total:				1456.0	2984.8		
FLOOR TYPES Area X BWPM = Points				Type			R-Value	Area X WPM = Points			
Slab	160.0(p)	8.9	0.0	Slab-On-Grade Edge Insulation			0.0	160.0(p)	18.80	0.0	
Raised	0.0	0.00	0.0								
Base Total: 0.0				As-Built Total:				0.0	0.0		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
1456.0 -0.59 -859.0								1456.0 -0.59		-859.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 10979.3			Winter As-Built Points: 9535.2					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (1.060 x 1.169 x 0.88)	X System Multiplier 0.426	X Credit Multiplier 1.000	= Heating Points 4449.6
10979.3	0.6274	6888.4	9535.2	1.00	1.095	0.426	1.000	4449.6

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
3		2635.00		7905.0	40.0	0.92	3	1.00	2635.00
									1.00
									7905.0
					As-Built Total:				7905.0

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
10742		6888		7905		25535	7162		4450
									7905
									19516

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall, foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.0

The higher the score, the more efficient the home.

Baez Residence, , , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 33.6 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1456 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 35.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble, U=0.6) 90.0 ft ²		HSPF: 8.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 162.9 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 0.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1395.1 ft ²	(HHR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1456.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH(Sealed):Interior	Sup. R=6.0, 119.0 ft		
b. N/A			

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4
EnergyGauge® (Version: FLRCSB v4.21)

LIMITED POWER OF ATTORNEY

I, Vern Spicer, do hereby authorize Sadie Pettrey to be
My representative and act on my behalf in all aspects of applying for a Building
Permit to be placed on property in Columbia County, Florida described as follows:

Owner's Name: Edwin & Rosa Baez

Section: 14 Township: 4S Range: 15

Tax Parcel Number: 00367-153



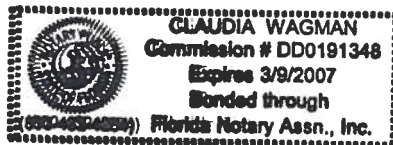
(Contractors Signature)

01/07/2007
(Date)

Sworn to and subscribed before me this 7th day of January 2007.


Notary Public

My Commission expires: 3/9/2007
Commission Number: DD 0191348
Personally Known: ✓
Produced ID (Type): _____





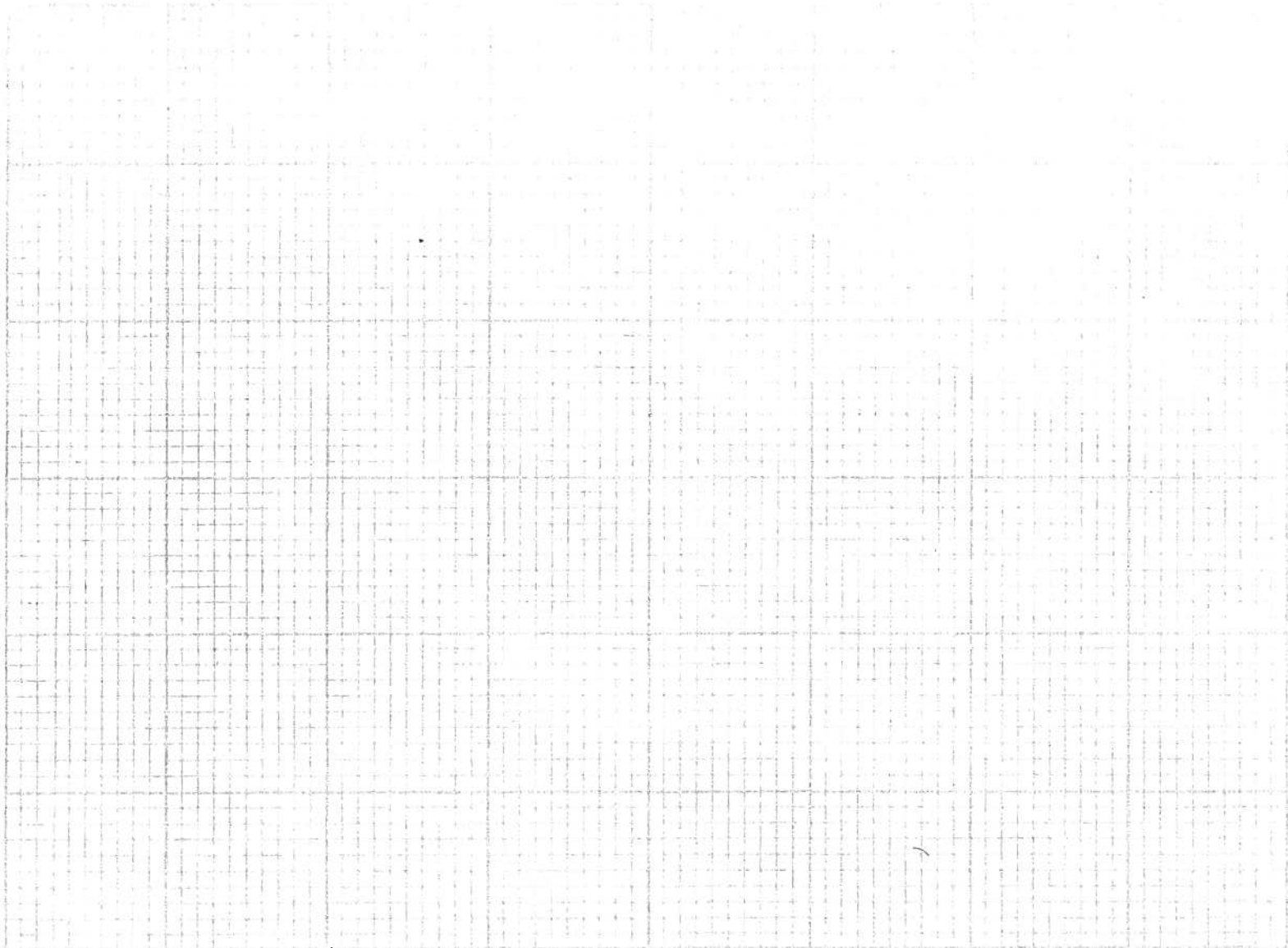
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-00053N

----- PART II - SITE PLAN -----

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: See Attached

Site Plan submitted by: Vern Spicer Signature _____

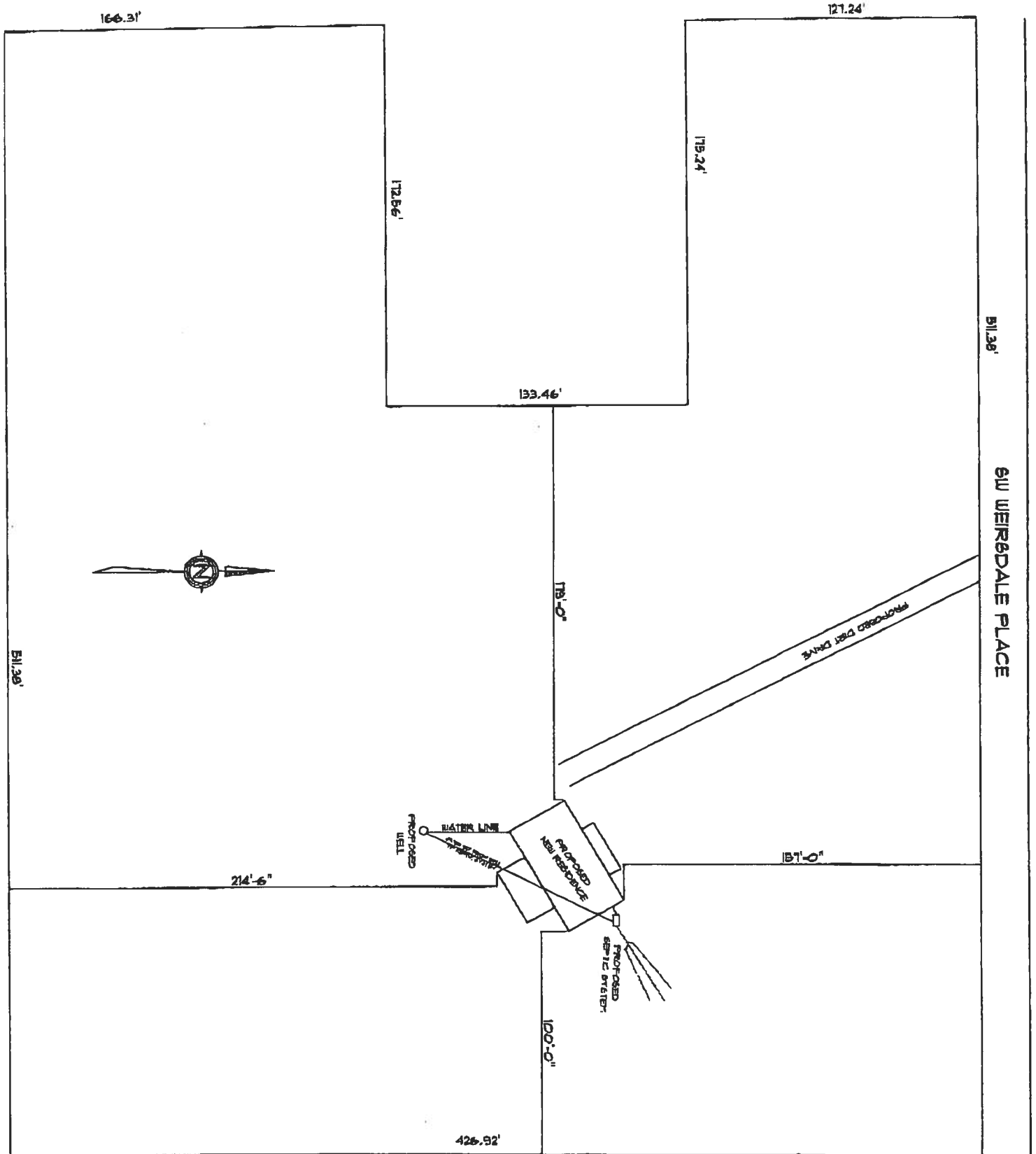
Plan Approved ☒ _____ Not Approved _____ Date 1-22-07

By Mark S Lander _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

07-00053N

Edwin & Rosa RAEZ



SCALE: 60' = 1"

Vern Spicer

Mark S Lander

RECEIVED 1-18-07

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

25495

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 331 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB109078 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Spicer Const Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 344 S.W. Windale, Nor.
Folk, Fla. 31

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Fill

Section 4: Treatment Information

Date(s) of Treatment(s) 3-1-07
Brand Name of Product(s) Used Tyco 1.0
EPA Registration No. 53483-92
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 1964 Linear ft. 246 Linear ft. of Masonry Voids 246
Approximate Total Gallons of Solution Applied 344
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☐ Yes ☒ No upon completion
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Treated marshed - 2 porches

Name of Applicator(s) Steve Brennan Certification No. (if required by State law) _____

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature _____ Date 3-1-07

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

Project Summary
Entire House
Glenn I. Jones Inc.

Job: Baez Residence
 Date:
 By:

552 N.W. Hilton Ave., Lake City, FL 32055 Phone: (386)752-5389 Fax: (386)755-3401 Email: louis@bizsea.rr.com Web: www.glennijones.com

Project Information

For: Spicer

Notes:

Design Information

Weather: Jacksonville Cecil Fld Na, FL, US

Winter Design Conditions

Outside db	34 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	94 °F
Inside db	75 °F
Design TD	19 °F
Daily range	M
Relative humidity	50 %
Moisture difference	41 gr/lb

Heating Summary

Structure	23007 Btuh
Ducts	1150 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	24157 Btuh

Sensible Cooling Equipment Load Sizing

Structure	20745 Btuh
Ducts	2074 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.99
Equipment sensible load	22682 Btuh

Infiltration

Method	Simplified	
Construction quality	Average	
Fireplaces	0	
	Heating	Cooling
Area (ft²)	1500	1500
Volume (ft³)	15002	15002
Air changes/hour	0.80	0.40
Equiv. AVF (cfm)	200	100

Latent Cooling Equipment Load Sizing

Structure	4174 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	4174 Btuh
Equipment total load	26856 Btuh
Req. total capacity at 0.70 SHR	2.7 ton

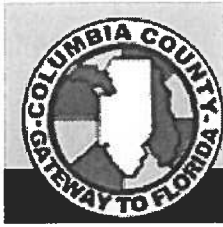
Heating Equipment Summary

Make	Carrier
Trade	Model 38BYG Heat Pump
Model	38BYG03630
Efficiency	8 HSPF
Heating input	
Heating output	35000 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1120 cfm
Air flow factor	0.046 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

Cooling Equipment Summary

Make	Carrier
Trade	Model 38BYG Heat Pump
Cond	38BYG03630
Coil	FK4DNF003
Efficiency	13 SEER
Sensible cooling	23520 Btuh
Latent cooling	10080 Btuh
Total cooling	33600 Btuh
Actual air flow	1120 cfm
Air flow factor	0.049 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.85

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0701-58**

Applicant: Sadie Pettrey/ Spicer Construction, Owner: Edwin F & Rosa Baez
Property ID 26-4s-17-08747-107

On the date of January 17, 2007 application 0712-58 and plans for construction of single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0701-58 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. The Florida Energy Efficiency Code for Building Construction form is incorrect. Please correct Line six, conditioned area square footage on form 600A-2004 of the Florida Energy Efficiency Code for Building Construction which doesn't concur with the conditioned floor area on the submitted plans. The total conditioned areas on the plans are 1,500(square feet). Line 6 currently reads that the conditioned floor area equals 1,456 (square feet). *Please resubmit the*

corrected form to reflect on line 6 the actual total conditioned area to this department.

2. Please provide for compliance with the Florida Residential Building Code - 2004 section R322.1.1 All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

3. On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

4. Please provide as required by section table R502.5 of the Florida Residential Building code a header span table for all the exterior walls and girder (headers) beams for all porch header or girder beams. Also show the required method which will connect these beams to the foundation.

5. Please provide as required by section table R603.6 of the Florida Residential Building. The total number of jack and king studs required at each end of an opening.

6. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.

7. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement before any inspections can be preformed by the Columbia County Building Department. *REC'D ORIGINAL*

Thank You:



Joe Haltiwanger
Plan Examiner
Columbia County Building
Department

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T3K215-Z0129104445

Truss Fabricator: W.B. Howland
Job Identification: 4159-/BAEZ RESIDENCE /SPICER CONSTRUCTION -- , **
Truss Count: 10
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.25.
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 12/29/2006

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: A11015EE-GBLLETIN-BRCLBSUB-

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	91930--A1		06363001	12/29/06
2	91931--A2		06363002	12/29/06
3	91932--A3		06363003	12/29/06
4	91933--A4		06363004	12/29/06
5	91934--A5		06363005	12/29/06
6	91935--A6		06363006	12/29/06
7	91936--A7		06363007	12/29/06
8	91937--A8		06363008	12/29/06
9	91938--A9		06363009	12/29/06
10	91939--A10		06363010	12/29/06

FILE COPY



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1T3K215-Z0129104445

Truss Fabricator: W.B. Howland
Job Identification: 4159-/BAEZ RESIDENCE /SPICER CONSTRUCTION -- , **
Truss Count: 1
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software,Version 7.25.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 12/29/2006

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	91939--A10		06363010	12/29/06



(4159 - /BAEZ RESIDENCE /SPICER CONSTRUCTION - ** - A1)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B3, B4 2x4 SP SS:
Webs 2x4 SP #2 N

(**) 2 plate(s) require special positioning. Refer to scaled
plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf.

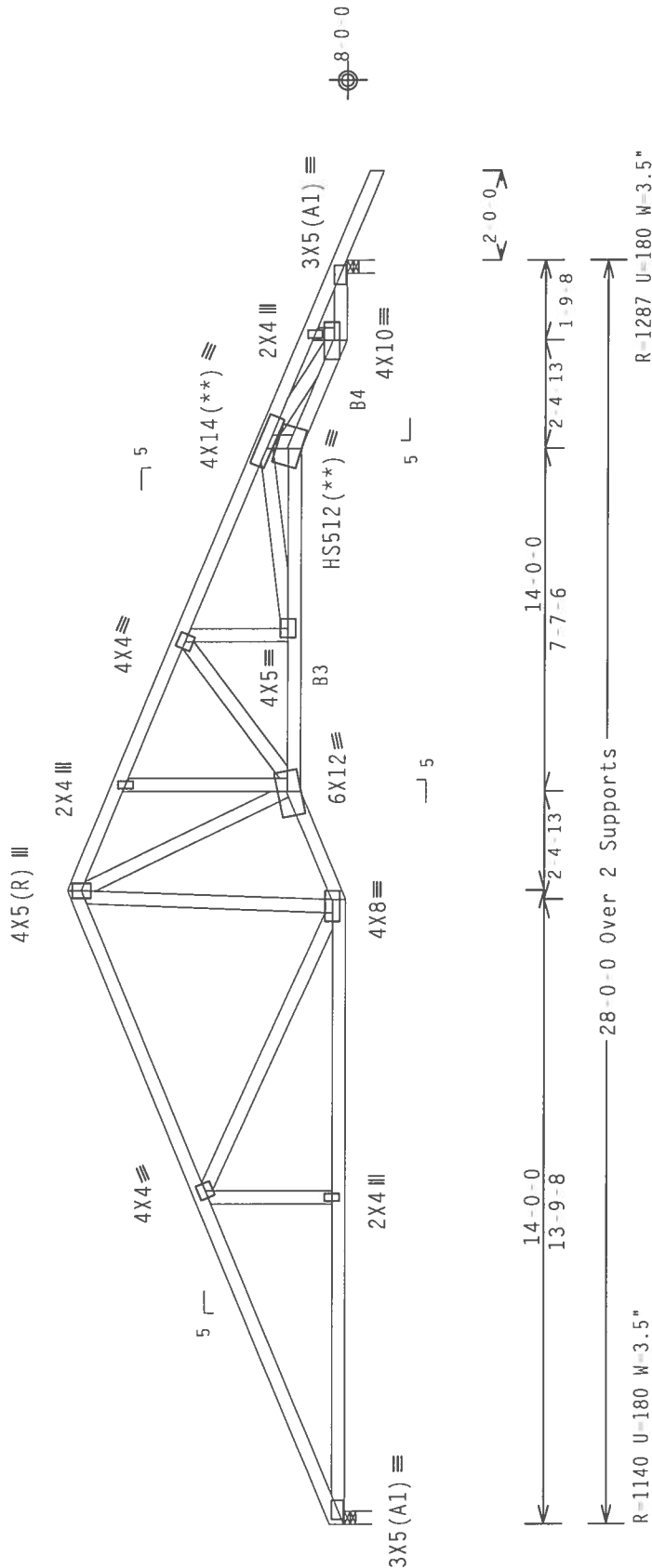
Plates sized for a minimum of 3.00 sq.in./piece.

SPECIAL LOADS

TC - From 62 PLF at 0.00 to 62 PLF at 30.00
BC - From 20 PLF at 0.00 to 20 PLF at 13.79
BC - From 22 PLF at 13.79 to 22 PLF at 16.19
BC - From 20 PLF at 16.19 to 20 PLF at 23.81
BC - From 22 PLF at 23.81 to 22 PLF at 26.21
BC - From 20 PLF at 26.21 to 20 PLF at 28.00
BC - From 4 PLF at 28.00 to 4 PLF at 30.00

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'2 1/2".



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave

Cg/RT=1.00(1.25)/10(0)

QTY: 1 FL/-5/-/R/-

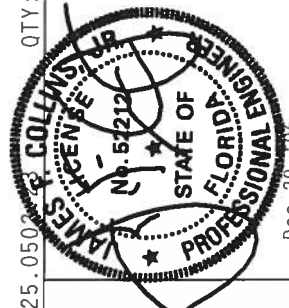
Scale = .25\"/>

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY SYSTEM) INFORMATION, PUBLISHED BY TPI, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND MECA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/55/8) ASTM A653 GRADE 40/60 (N. 47H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 100A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R215--	91930
TC DL	10.0 PSF	DATE	12/29/06	
BC DL	10.0 PSF	DRW	HCUSR215	06363001
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN	37559	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF	1T3K215	Z01

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B3, B4 2x4 SP SS:
Webs 2x4 SP #2 N

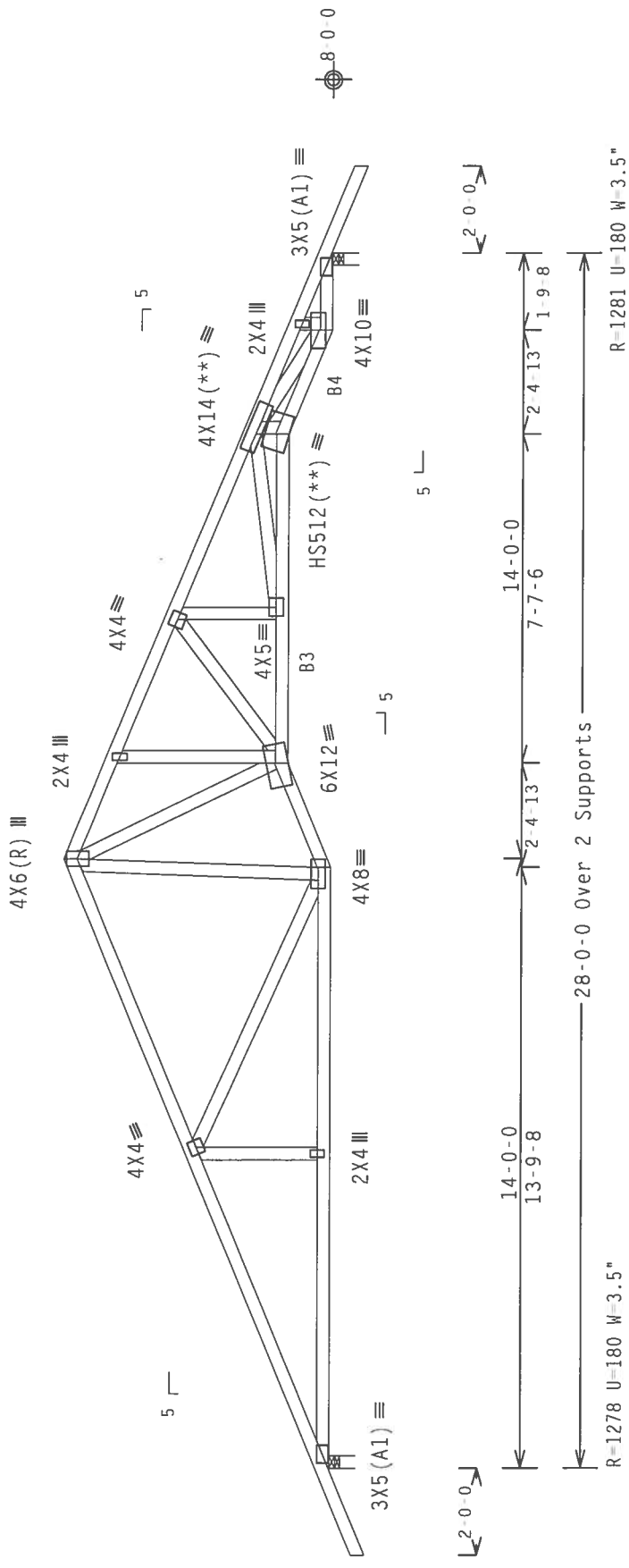
Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind tc DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 6'-2-1/2".

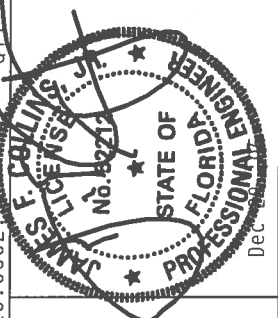


PLT TYP. 20 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23 QTY=5 FL/-5/-/R/- Scale = .25" /Ft.

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS IS DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE BLVD., MADISON, MI 48219. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (W-11/55/K) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN TPI 2002 SEC. 3. A SEAL ON THIS DESIGN SHALL BE THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0	PSF	REF	R215	-	91931
TC DL	10.0	PSF	DATE	12/29/06		
BC DL	10.0	PSF	DRW	HCUSR215	06363002	
BC LL	0.0	PSF	HC-ENG	EC/WHK		
TOT.LD.	40.0	PSF	SEQN-	37553		
DUR.FAC.	1.25		FROM	CAW		
SPACING	24.0"		JREF	1T3K215	Z01	





Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

(4159) /BAEZ RESIDENCE /SPICER CONSTRUCTION -- ** - A3)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

See DWGS A1015EE1106 & GBLETTIN1106 for more requirements.

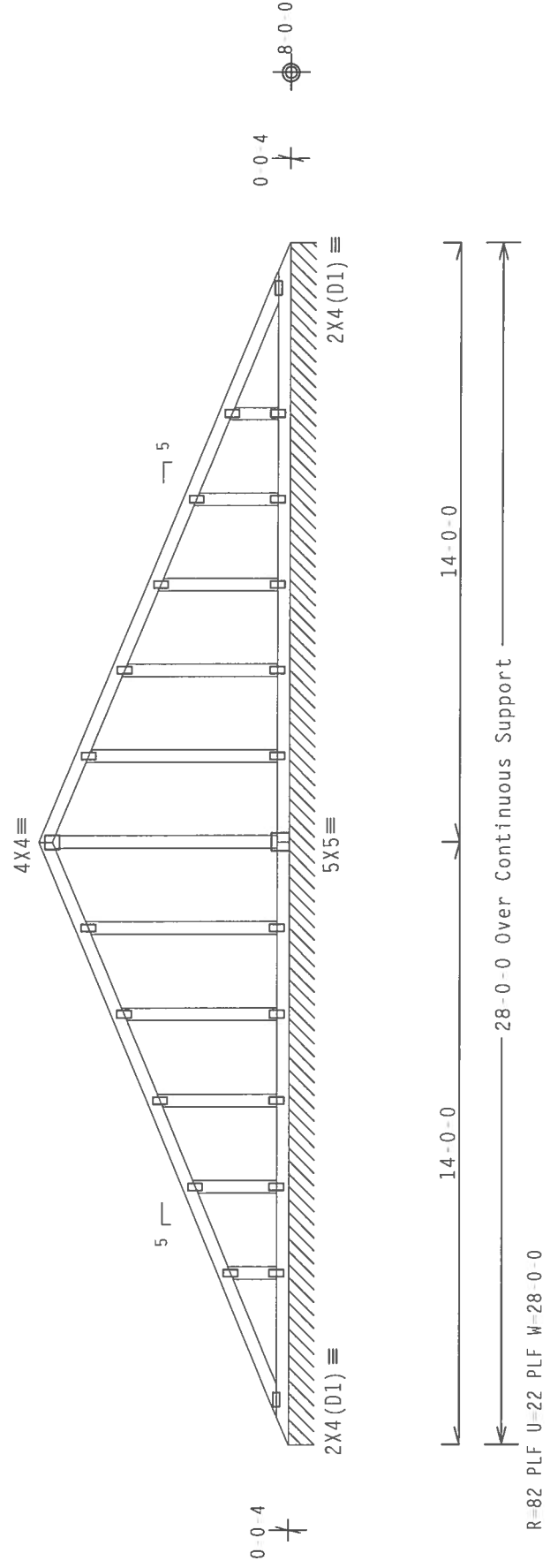
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5'-10" 4.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.

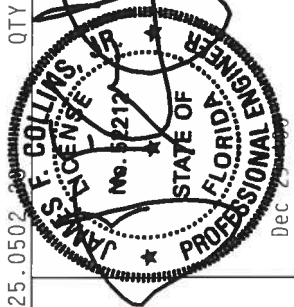
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/10(0)	7.25.0502	QTY:2	FL/-5/-R/-	Scale = .25" /Ft.
			TC LL	20.0 PSF	REF R215-- 91932
			TC DL	10.0 PSF	DATE 12/29/06
			BC DL	10.0 PSF	DRW HCUSR215 06363003
			BC LL	0.0 PSF	HC-ENG EC/WHK
			TOT.LD.	40.0 PSF	SEQN- 37538
			DUR.FAC.	1.25	FROM CAW
			SPACING	24.0"	JREF- 1T3K215 Z01



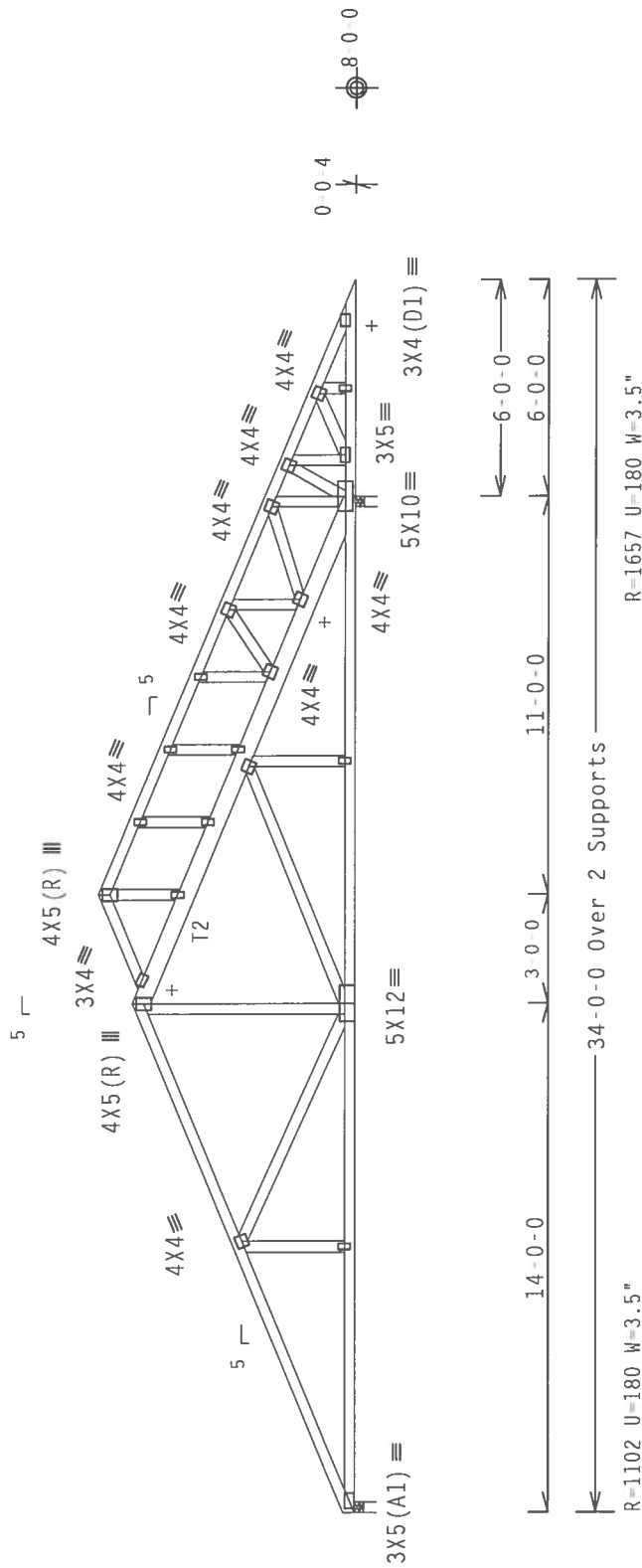
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

1110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 7-1-4.

+ MEMBER TO BE Laterally Braced For Horizontal Wind Loads.
Bracing System To Be Designed And Furnished By Others.



Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/10(0)$$

OTY:2 E11-151-1-1R1- Scale = 1875"/Ft.

[illegible]

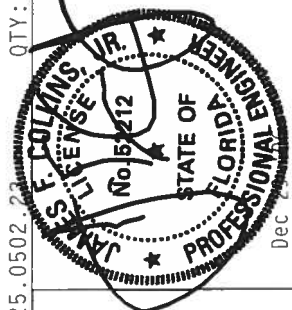
*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO THE FOLLOWING COMPONENTS FOR INFORMATION ON THESE FUNCTIONS:
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WTEC WOOD TRUSS COUNCIL OF AMERICA, 6300
HUNTERS LANE, HAMILTON, MI 48739, FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CORREL.

*****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION) BY AFAPA AND TPI. ALPINE
ENGINEERED PRODUCTS WILL BE MADE OF 2018/T16GA (OR HIGHER) ASTM A563 GRADE 40/60 (F. Y.M.S.) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIMENSIONS 160A-2
DRAWING. INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSSES COMPLETION
OF THE DESIGN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSYS/TPI 1 SEC. 2.



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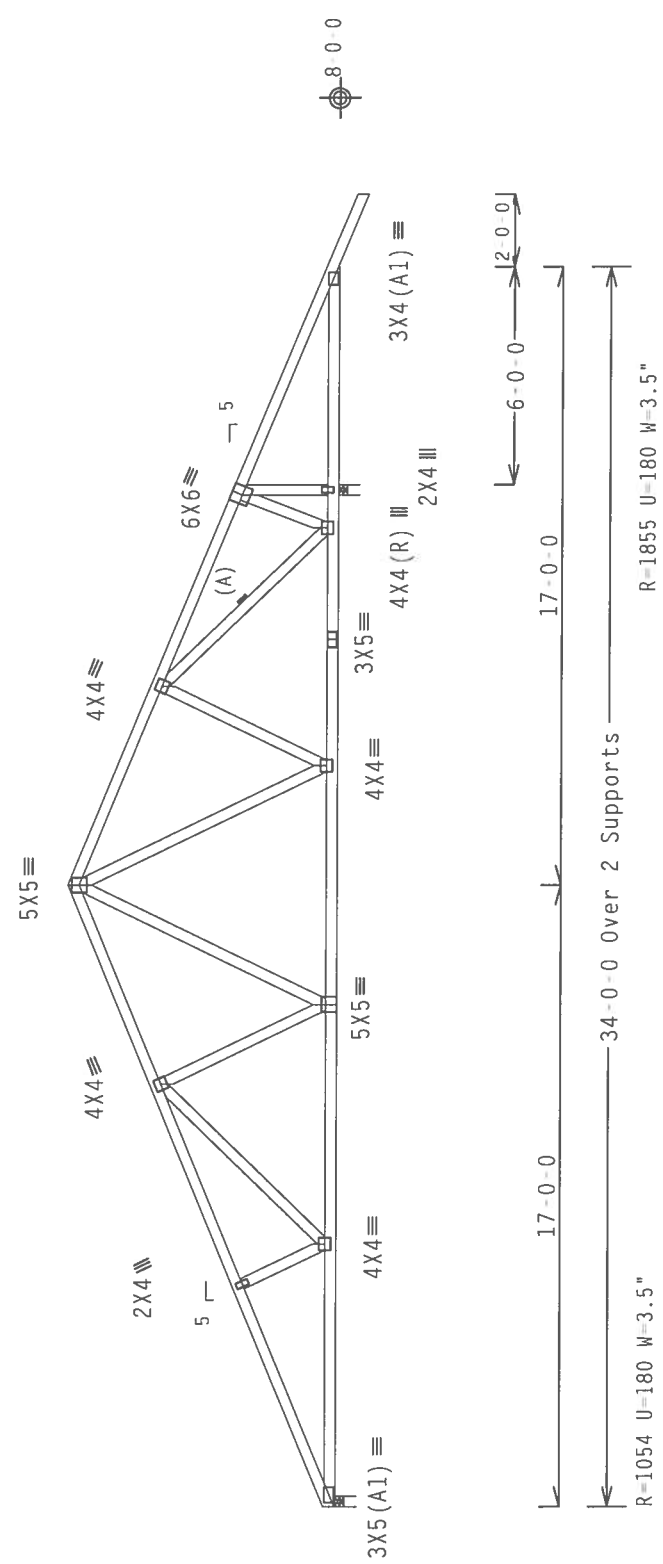


Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 7-5 1.

(A) Continuous lateral bracing equally spaced on member.
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

Scale = .1875"/Ft.

QTY: 1

FL / - / 5 / - / R / -

TC LL	20.0 PSF	REF	R215 - -	91934
TC DL	10.0 PSF	DATE	12/29/06	
BC DL	10.0 PSF	DRW	HCUSR215	06363005
BC LL	0.0 PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0 PSF	SEQN	-	37525
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF	-	1T3K215 Z01

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Dec 29 '06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-2002(STD)/FBC. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-2002(STD)/FBC. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	Webs	2x4	SP	#2	N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

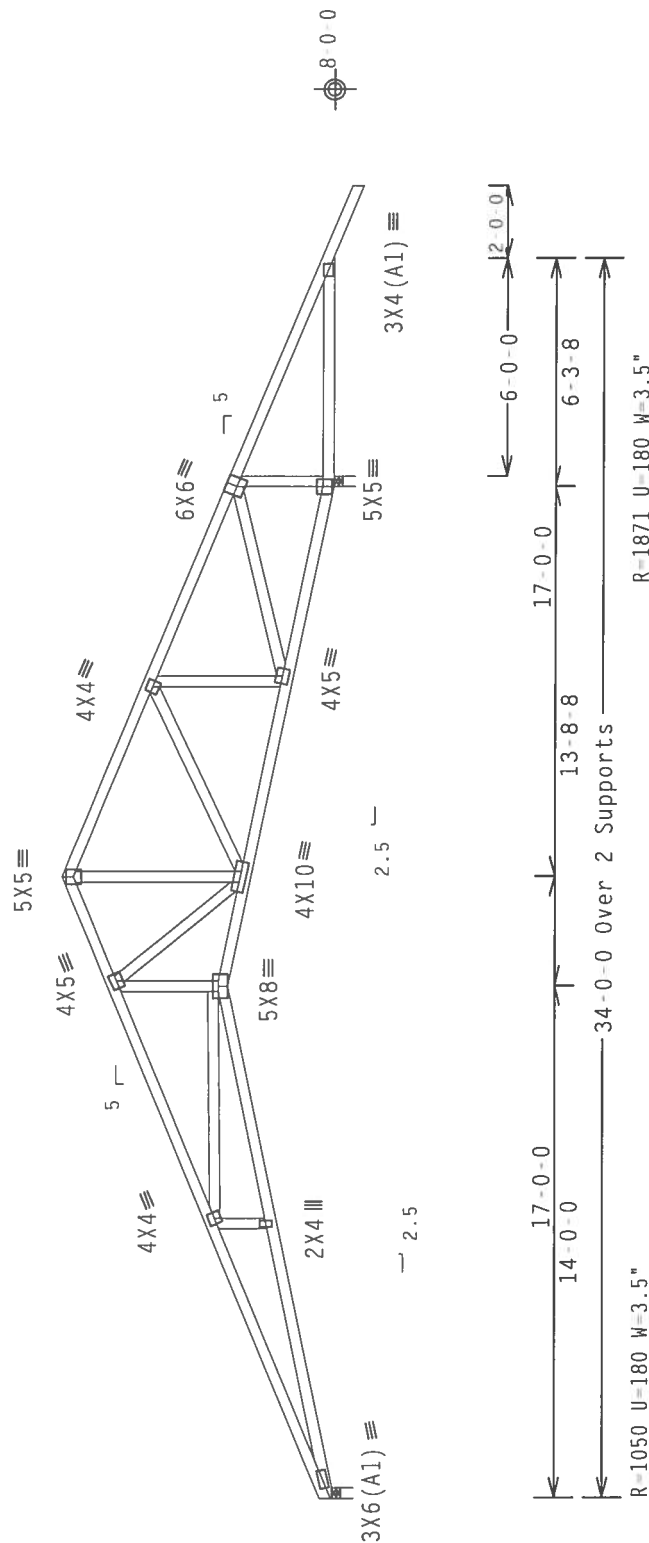
wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7.51.

Calculated horizontal deflection is 0.14" due to live load and 0.14" due to dead load.

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0)$$

Scale = .1875"/ft.

WARNING BRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. FOR SAFETY INFORMATION, PUBLISHED BY IPI (CHASSIS PART INSTITUTE, 218 MADISON STREET, MADISON, WI 53719) FOR SAFETY PRACTICES, BRACE INFORMATION, CONNECTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

$Cq/RT=1.00(1.75)/10(0)$

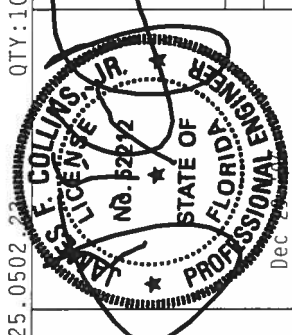
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CHANGES WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) ALPINE TRUSS DESIGN GUIDE 2007/06 (P. 47-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS CHORDS. CHORDS SHALL BE MINIMUM 200% OF DESIGN LOAD PER END JOINT. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI1 2002 SEC.3 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. Wave

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FL Certificate of Authorization # 567



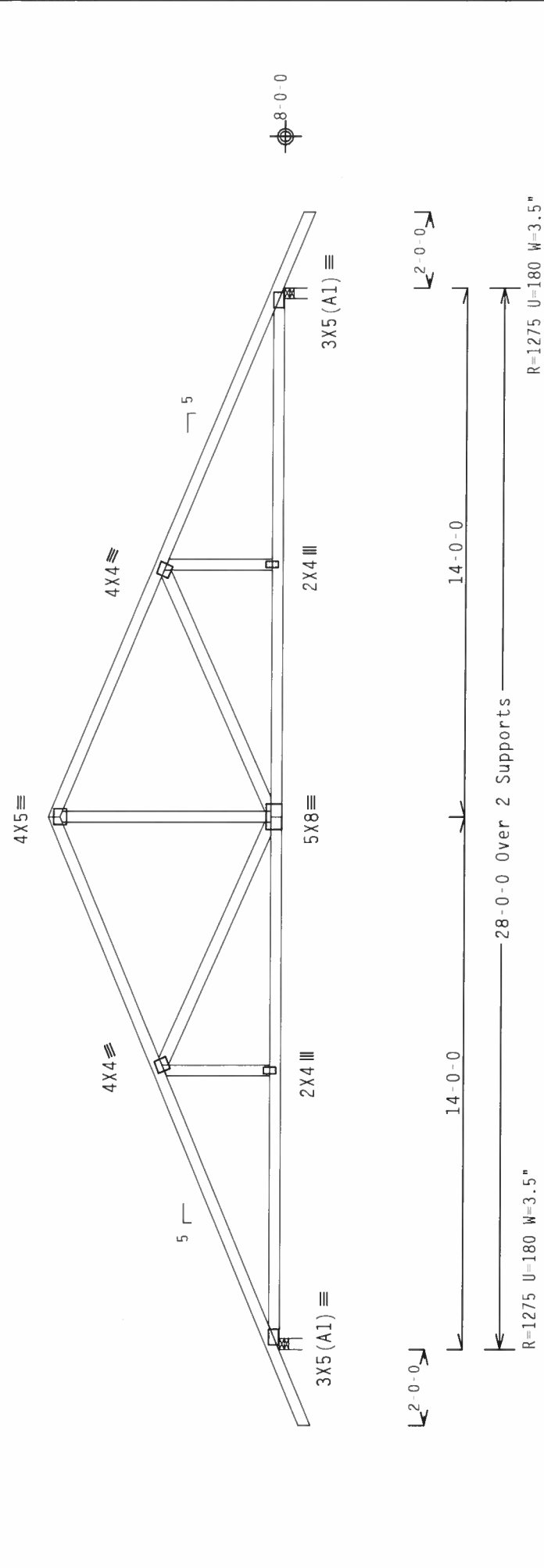
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-2-1/2".



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

Scale = .25" / Ft.

7-25-0502

QTY: 6

FL / - / 5 / - / R / -

TC LL	20.0 PSF	REF	R215 -	91936
TC DL	10.0 PSF	DATE	12/29/06	
BC DL	10.0 PSF	DRW	HCUSR215	06363007
BC LL	0.0 PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0 PSF	SEQN	37544	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF	IT3K215	Z01

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1950 Marley Drive
Haines City, FL 33844
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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION) FOR MORE INFORMATION. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND NICK (WOOD TRUSS COMPANY) SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. APPLY CONNECTION PLATES ARE MADE OF 2018/1816GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER. A SEAL ON THIS DRAWING IS REQUIRED FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Dec 29 '06

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 62247
F. COLLINS JR.
LICENSE

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

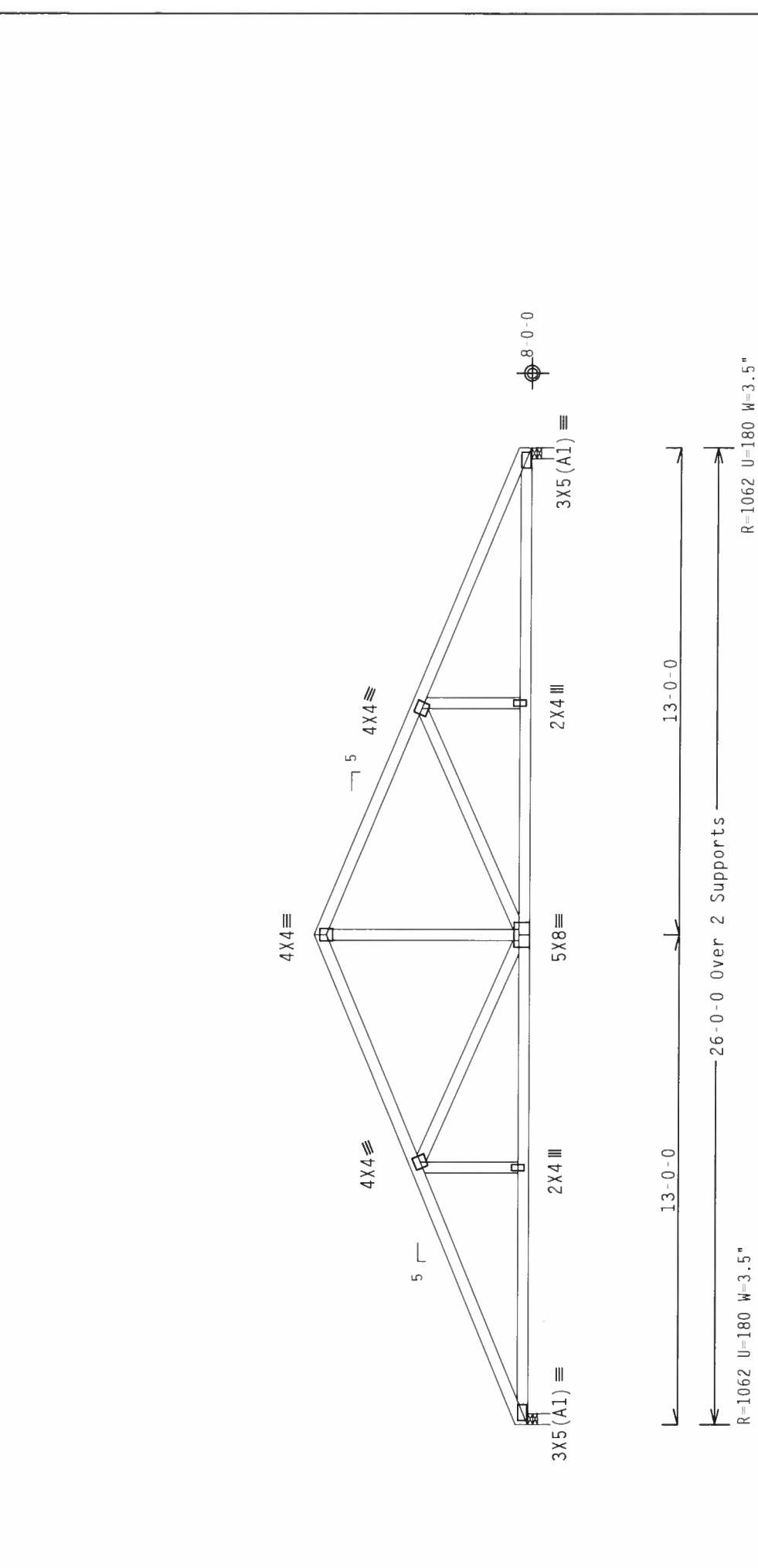
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5'-9-1/2".

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R215 - 91937
TC DL	10.0 PSF	DATE	12/29/06
BC DL	10.0 PSF	DRW	HCUSR215 06363008
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN	37546
DUR.FAC.	1.25	FROM	CAW
SPACING	24.0"	JREF	1T3K215_Z01

ALPINE

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1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

JAMES F. COLLINS, JR.
No. 12712
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Dec 29 2006

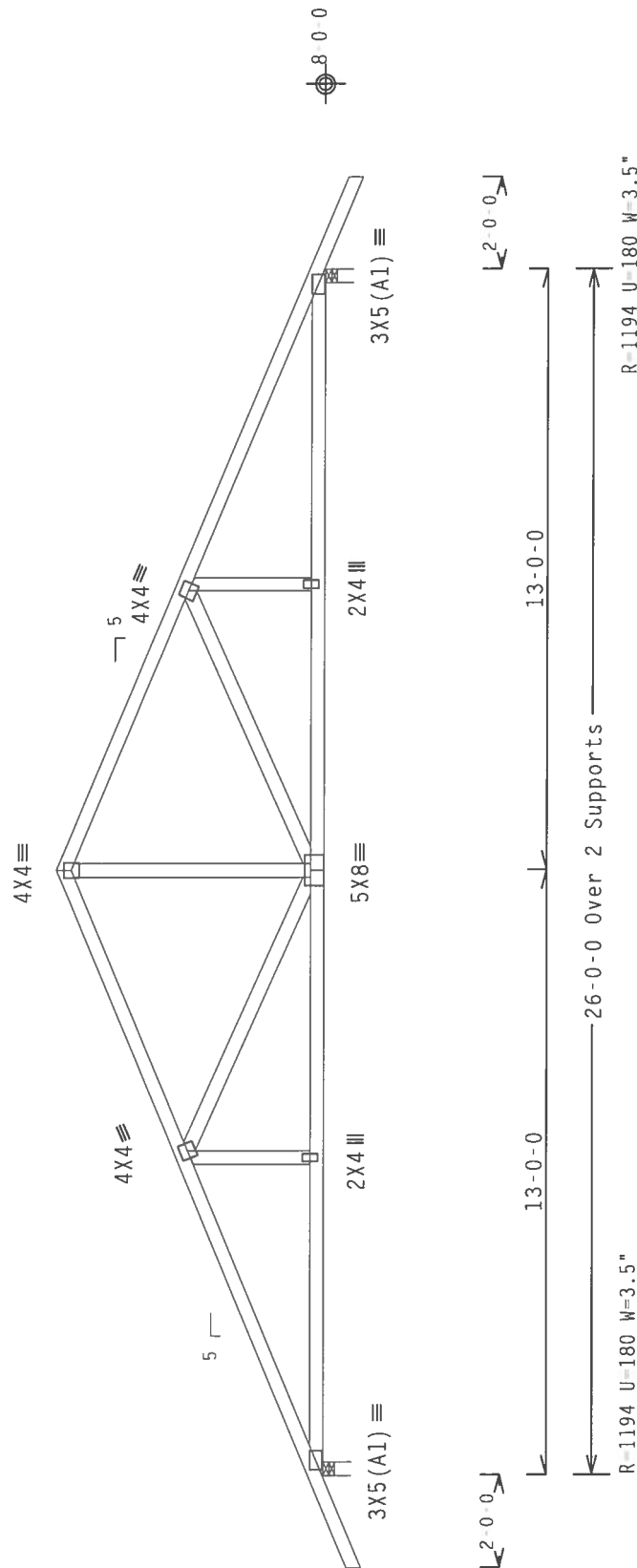
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-2002(STD)/FBC. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, POSITION PER DRAWINGS 100A Z, 100B Z, 100C Z, 100D Z, 100E Z, 100F Z, 100G Z, 100H Z, 100I Z, 100J Z, 100K Z, 100L Z, 100M Z, 100N Z, 100O Z, 100P Z, 100Q Z, 100R Z, 100S Z, 100T Z, 100U Z, 100V Z, 100W Z, 100X Z, 100Y Z, 100Z Z. A SEAL ON THIS DESIGN SHALL BE THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-2002(STD)/FBC. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, POSITION PER DRAWINGS 100A Z, 100B Z, 100C Z, 100D Z, 100E Z, 100F Z, 100G Z, 100H Z, 100I Z, 100J Z, 100K Z, 100L Z, 100M Z, 100N Z, 100O Z, 100P Z, 100Q Z, 100R Z, 100S Z, 100T Z, 100U Z, 100V Z, 100W Z, 100X Z, 100Y Z, 100Z Z. A SEAL ON THIS DESIGN SHALL BE THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5.91.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Scale = .25"/Ft.

QTY:5 FL/-/5/-/-/R/-

7.25.0502.23

****WARNING**** RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. DRAWING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CRUSS-PLATE INSTITUTE, 218 WEST 10TH STREET, SUITE 312, ALEXANDRIA, VA 22304, AND MICA GOOD THINGS COUNCIL OF AMERICA, 6300 UNIVERSITY BLVD., SUITE 200, ALEXANDRIA, VA 22304, FOR SAFETY PRACTICES TO BE FOLLOWED WHEN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID JOINTS.

REF	R215	-	91938
DATE	12/29/06		
DRW	HCUSR215	06363009	*
HC-ENG	EC/WHK		
SEQN	37540		
FROM	CAW		
JREF	173K215	Z01	

TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT. LD.	40.0	PSF
DUR. FAC.	1.25	
SPACING	24.0"	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. DRAWING COMPONENT INFORMATION, PUBLISHED BY TPI (TRUSS-PLATE INSTITUTE, 2100 RIVER LIFE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WIGA (WOOD TRUSS COMPANY OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

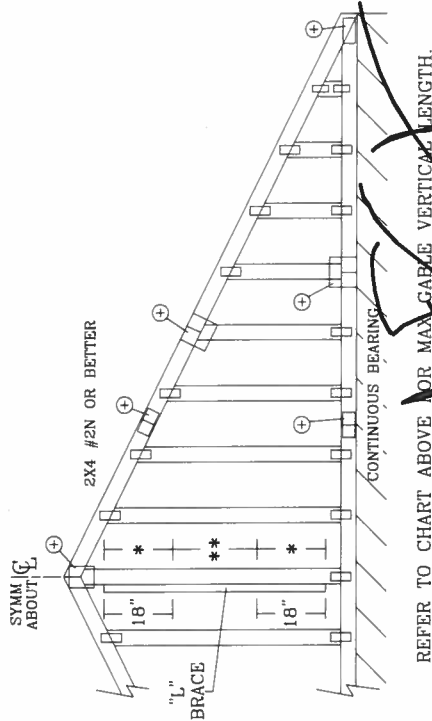
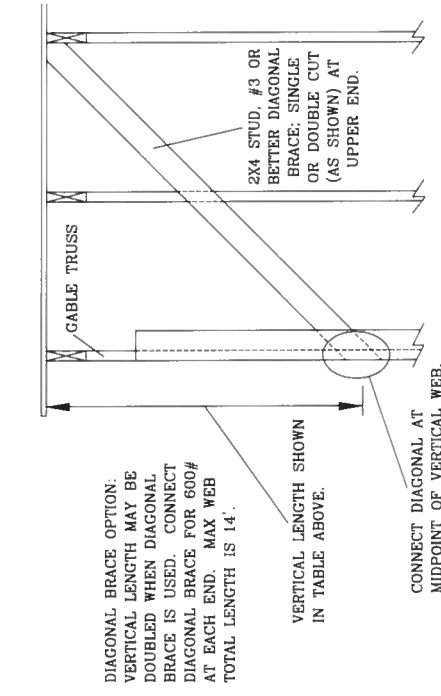
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/55/57GA) ASTM A563 GRADE 40/60 (W. 4/21-55) GALV. STEEL APPLY A MINIMUM LATCH OF 2 INCHES UNLESS OTHERWISE LOCATED OR NOTED. POSITION PER DRAWINGS 16GA 2. MAKE SURE EACH OF PLATES IS FULLY ENGAGED TO THE TRUSS. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEAL FOR THE TRUSS COMPONENT DESIGNER SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIAA/TPI 1 SEC. 2.

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Haines City, FL 33844

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MAX GABLE VERTICAL LENGTH														
2X4 GABLE VERTICAL SPACING		BRACE		NO BRACES	(1) 1X4 "L" BRACE •				(2) 2X4 "L" BRACE •		(1) 2X6 "L" BRACE •		(2) 2X6 "L" BRACE •	
		GRADE	SPECIES		GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF	#1 / #2		3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
	HF	STUD		3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
	STANDARD		3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
	SP	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
24" O.C.	DFL	#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
	STANDARD		4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
	SPF	#1 / #2	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
	HF	#3	4' 4"	7' 4"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
16" O.C.	STANDARD		4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
	STANDARD		4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	STANDARD		5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD		4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"



BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	HEM-FIR
#1 / #2 STANDARD	#2 STUD
#3 STUD	#3 STANDARD

DOUGLAS FIR-LARCH

#3 STUD
STANDARD

SOUTHERN PINE

#3 STUD
STANDARD

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2

SOUTHERN PINE

#1
#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

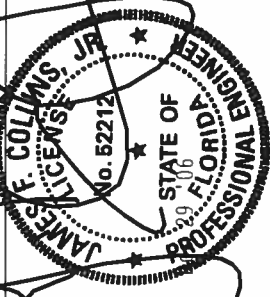
GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

REF ASCE7-02-GABI1015
DATE 11/1/06
DRWG A11015EE1106
-ENG

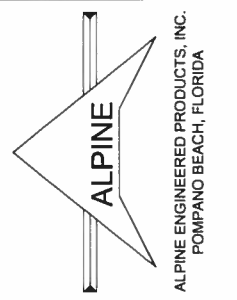
MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"



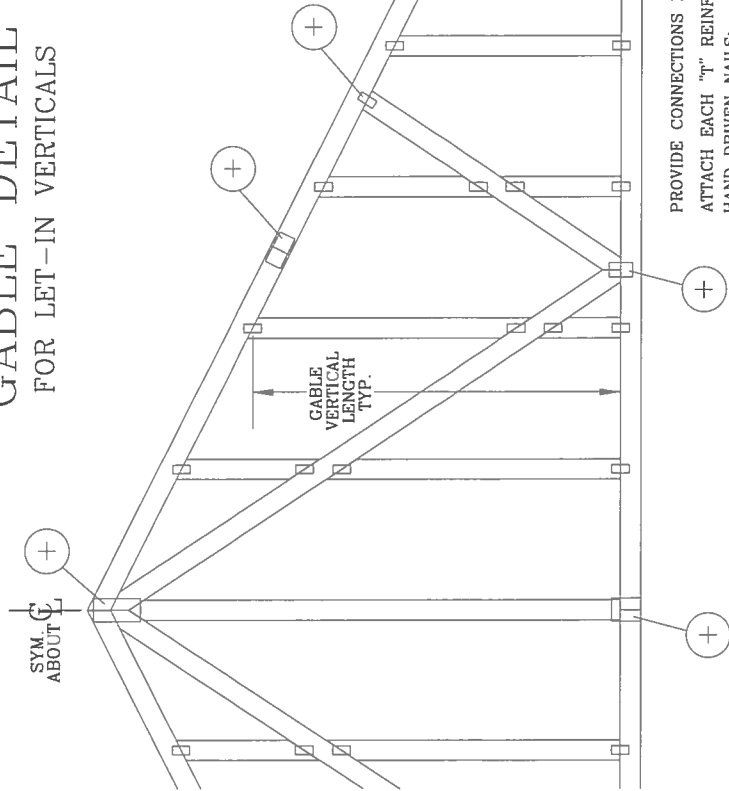
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. TO BEST BUILDING COMPONENT SAFETY, TRUSSES MUST BE DESIGNED BY A TRUSS MANUFACTURER INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING THE TRUSS FOR THE BUILDING COMPONENT SAFETY, TRUSSES MUST BE DESIGNED BY A TRUSS MANUFACTURER INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1. SEC. 2.



GABLE DETAIL FOR LET-IN VERTICALS



4 TOENAILS

TOENAILS
SPACED AT
4" O.C.

TOENAILS
SPACED AT
4" O.C.

4 TOENAILS

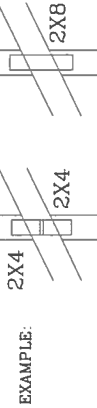
CEILING

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK,
SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A
SINGLE PLATE TO SPAN THE WEB.



EXAMPLE:

TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS,
MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE
VERTICAL SPECIES, GRADE AND SPACING) FOR (1)
2X4 "L" BRACE, GROUP A, OBTAINED FROM THE
APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR
SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL
LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:

10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS

(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE
OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015ENI103, A10015ENI103, A09015ENI103, A08015ENI103, A07015ENI103

A11030ENI103, A10030ENI103, A09030ENI103, A08030ENI103, A07030ENI103

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015ECI103, A12015ECI103, A11015ECI103, A10015ECI103, A08515ECI103

A13030ECI103, A12030ECI103, A11030ECI103, A10030ECI103, A08530ECI103

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,

A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI
WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE
VERTICAL LENGTH.

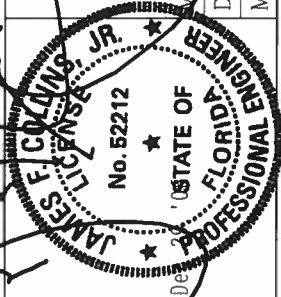
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY) INFORMATION, PUBLISHED BY TPI TRUSS PLATE
PRODUCTS, INC., 6300 ENTERPRISE BLVD., MADISON, IN 47050, FOR SAFETY PRACTICES FOR PERMANENTLY
FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURE
PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED
PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO
BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING &
BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC,
16160 (N/A/SS)) GALLY STEEL DECK PLATES ARE MADE OF 60/1616GA (N/A/SS/SS) ASTM A553 GRADE
40/60 (N/A/SS) GALV. STEEL DECK PLATES. ANY INSPECTION OF PLATES FOLLOWED BY (1)
LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-7. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF
SHALL BE PER ANNEX A3 OF TPI L-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF
PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE
SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING
DESIGNER, PER ANSI/TPI 1 SEC. 2.

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035



REF LET-IN VERT

DATE 11/1/06

DRWG GBLLETIN1106

-ENG DLJ/KAR

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

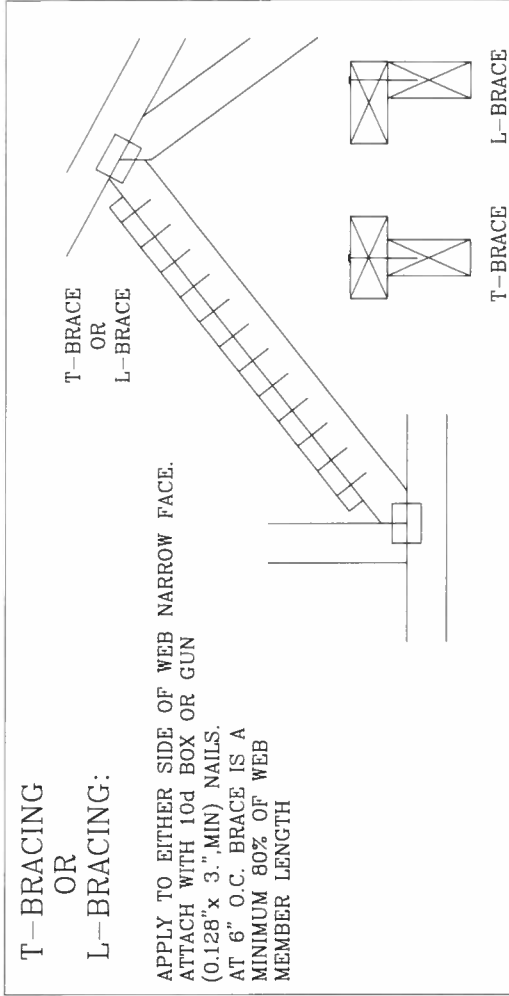
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

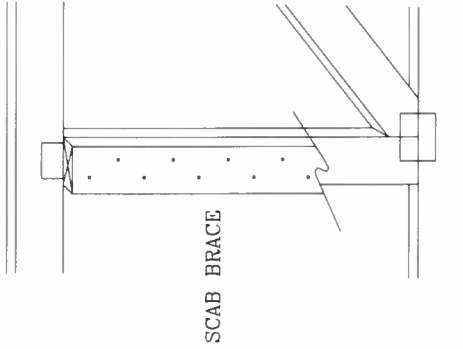
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

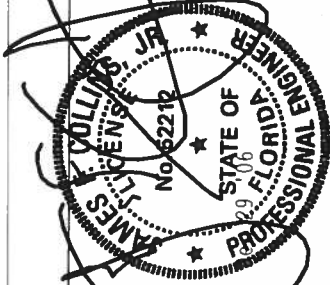


SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3", MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS COUNCIL OF INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND WPCA (WOOD TRUSS COUNCIL OF INSTITUTE), 1000 W. 10TH AVE., SUITE 100, DENVER, CO 80202, FOR ADDITIONAL INFORMATION. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (W/H/SS/K) ASTM A653 GRADE 40-60 (W/H/SS/K) DESIGN. DESIGNATION PER TPI. TRUSS AND UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE PER ANNEX A3 OF TPI I-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/1/06
BC DL	PSF	DRWG	BRCLBSUB1106
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



STRUCTURAL AND WIND LOAD CALCULATIONS

For

Spicer Construction

Baez Residence


1/15/07

Gary Gill, P.E. 51942
P.O. Box 187
130 West Howard Street
Live Oak, FL 32064
Ph. (386) 362-3678
Fax (386) 362-6133
AUTH # 9461

FILE COPY

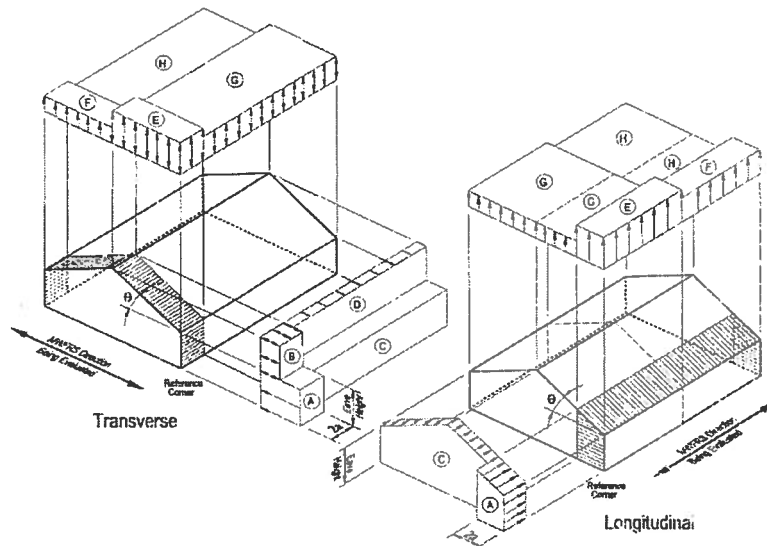
WIND02 v2-21

Simplified Wind Load Design (Method 1) per ASCE 7-02

Description: Baez

Analysis by: Gary Gill

V	Basic Wind Speed	110 mph
Cat	Structural Category (I, II, III, and IV)	II
Exp	Exposure Category (B, C, or D)	B
RHt	Ridge Height	14 ft
Eht	Eave Height	8 ft
Ht	Mean Roof Height of Building	11.00 ft
Theta	Roof Angle	12.99 Deg
L	Length of Building (If Gabled roof, along Ridge)	28 ft
B	Width of Building (Perpendicular to Ridge)	52 ft
Lambda	Adjustment Factor for Building Height and Exposure	1.00
I	Importance Factor	1.00
a	10% of Least Horiz Dim or 0.4h, whichever is less	2.80 ft
2a	Length over which Zone A acts on Each Corner	5.60 ft



Wind Pressure ps (psf) on Main Wind Force Resisting System (MWFRS)										
Load Case	Zones									
	Horizontal Pressures				Vertical Pressures				Overhangs	
	A	B	C	D	E	F	G	H	EOH	GOH
1	23.10	-8.40	15.36	-4.84	-23.10	-14.70	-16.00	-11.22	-32.30	-25.30
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Notes:

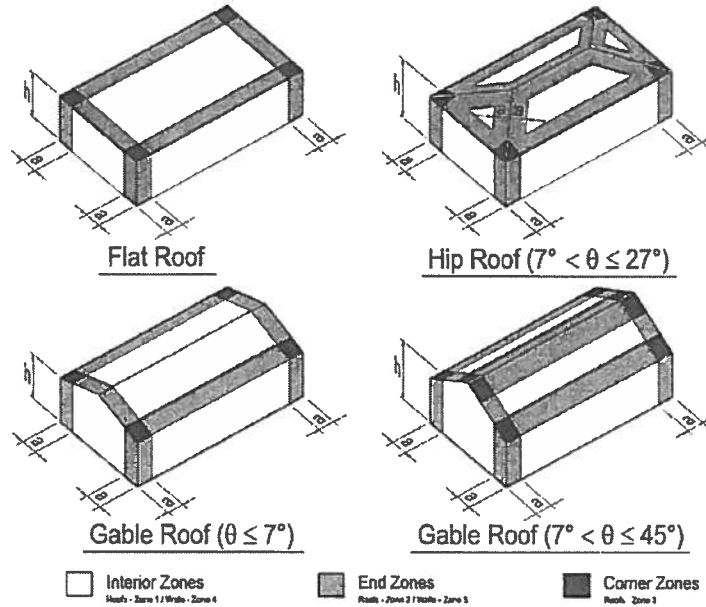
* ps = Lambda * I * ps30

WIND02 v2-21

Simplified Wind Load Design (Method 1) per ASCE 7-02

Description: Baez

Analysis by: Gary Gill



Double Click on any data entry line to receive a help Screen

[illegible]

Notes:

Zones 2H and 3H represent roof overhangs
Zones 1, 2, and 3 represent the roof
Zones 4 and 5 represent the walls

Project name: Baez Residence
Project: PF07-003
Client Spicer Cons
Calculations: Gary Gill, PE
Date: 1/15/2007

Design Basis

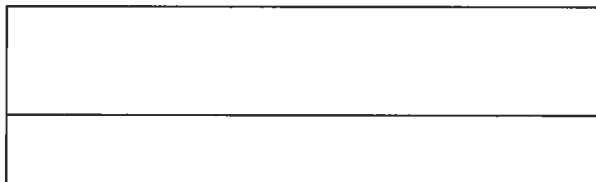
Design Loads

Wind Load	110
Floor Live Load	
Sleep Areas =	30 psf
All Others =	40 psf
Floor Dead Load	10 psf
Wall Dead Load	10 psf
Roof Live Load	20 psf
Roof Dead Load	10 psf

Load Combinations

DL + LL(floor) + LL (roof)
DL + LL(floor) +WL
DL + WL
Wind load

Exposure B



Building Information

Shape	Rectangle
Length	52 ft
Width	26 ft
Type	1 storey sog

References

2004 Florida Building Code
ASCE 7-98 Minimum Design Loads for Buildings and Other Structures
AITC Timber Construction Manual

Calculation / Design Summary

Shearwalls

Max. shearwall load = 82.95 plf

Roof Diaphragm

Perpendicular to roof
Shear = 96 lb/in

Parallel to roof
Shear = 76 lb/in

Hardware / Nailing requirement

8ft wall -8d nails @ 4" O.C
Capacity = 525
* increase 1.4 for wind

8d @ 6 in. edges, 8d @ 12 in. field
capacity = 252 lb/in (unblocked)

8d @ 6 in. edges, 8d @ 12 in. field
capacity = 252 lb/in (unblocked)

Shearwall Design - N/S Direction

Rigid Diaphragm Analysis

Wind load acting on building

General Data

Roof Pitch (x:12)		5 Roof Dia	13.00
		Length of	
Vertical Roof height		6.25 Building	50
		Width of	
2nd Floor height	0	Building	30
1st Floor height	8		

Wind Pressure per ASCE 7

Roof Pressure (interior)

Horizontal Roof Pressures	-1.92
Tributary area (roof)	352.00
Roof shear values	0.00

Wall Pressure - 1st Floor

Sum. of wind. & lee. (psf)	17.17
Tributary area to each Shearwall (sf)	200.00
Wall Shear	3434.00

Roof and Wall Shear	3434.00
---------------------	----------------

1st Floor shearwall (ft)

Full wall length	28	28
Shearwall #1 length	23	28
Percent Full-Height Sheathing Shearwall #1	82.14%	100.00%
Shear capacity adjustment	0.9	0.87
Shearwall rating (plf) w/ 1.4 increase for wind	483	483
Design Shear Capacity	9998.10	11765.88
Shear acting on wall (lb)	1717.00	1717.00
Stress Ratio	0.17	0.15
uplift at shear ends	663.57	563.88
shear and uplift between holddown, v and u	82.95	70.48

Anchor Bolt Shear Capacity plf		
Bolt size / spacing	24"	36"
1/2" dia	422.5	281.67
5/8" dia	660	440.00
3/4" dia	930	620.00

Shearwall Design - E/W Direction

Rigid Diaphragm Analysis

Wind load acting on building

General Data

Roof Pitch (x:12)		4 Roof Dia	12.65
		Length of	
Vertical Roof height		8.75 Building	52
		Width of	
2nd Floor height	0	Building	52.5
1st Floor height	8		

Wind Pressure per ASCE 7

Wall Pressure - 1st Floor

Sum. of wind. & lee. (psf)	21.5
Tributary area to each Shearwall (sf)	240.00
Wall Shear	5160.00

Roof and Wall Shear	5160.00
---------------------	----------------

1st Floor shearwall (ft)

Full wall length	52	52
Shearwall #1 length	46	40
Percent Full-Height Sheathing Shearwall #1	88.46%	76.92%
Shear capacity adjustment	0.7	0.87
Shearwall rating (plf) w/ 1.4 increase for wind	483	483
Design Shear Capacity	15552.60	16808.40
Shear acting on wall (lb)	2580.00	2580.00
Stress Ratio	0.17	0.15
uplift at shear ends	640.99	593.10
shear and uplift between holddown, v and u	80.12	74.14

Anchor Bolt Shear Capacity plf		
Bolt size / spacing	24"	36"
1/2" dia	422.5	281.67
5/8" dia	660	440.00
3/4" dia	930	620.00

Horizontal Diaphragm

East / West Walls		North / South Walls	
Horizontal load calculations		Horizontal load calculations	
Shear on walls	4507.00 lb	Shear on walls	5253.00 lb
E/W wall lengths	26 ft	Wall length normal to wind	52 ft

Design Shear Capacity

Wind in N/S Direction	Diaphragm Shear (plf)	Depth (ft)	Length of chord	Lateral load on diaphragm (lb/ft)	Chord force (lb)	Chord area (2-2x4) in^2	Tensile and Compress. Stress (psi)
Wall 1 (outside)	173.35	26	52	#REF!	#REF!	10.5	#REF!
Wall 2 (outside)	173.35		52	#REF!	#REF!	10.5	#REF!
Wall 3 (interior)							
Wind in E/W Direction							
Wall 1 (outside)	101.02	52	26	404.08	656.63	10.5	62.54
Wall 2 (outside)	101.02	52	26	404.08	656.63	10.5	62.54
Wall 3 (interior)							

Drag Stut I.D.	location	length	Strut Force	Stress (psi)
1	North			
2	North			
3	North			
4	North			

Wood Structural Panel Shear Capacity

Sheathing Material	Thickness	Nail Size	Edge Nail Spacing	Block	Shear Cap.
Structural Sheathing	15/32	8d	6	No	252
Structural Sheathing	15/32	8d	6	Yes	378
Structural Sheathing	15/32	Wind speed =	4	Yes	504

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	<i>Masonite</i>	<i>WOOD EDGE STEEL DOOR</i>	<i>FL18</i>
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	<i>Better Built</i>	<i>SERIES 740 Single Hung Alum</i>	<i>FL 663</i>
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	<i>JAMES HARDIE</i>	<i>HARDI PLANK Lap Siding</i>	<i>FL 889</i>
B. SOFFITS	<i>ALCOA</i>	<i>ALUMINUM SOFFIT</i>	<i>FL 2641</i>
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	<i>TAMKO</i>	<i>Asphalt Shingles</i>	<i>FL 673</i>
B. NON-STRUCT METAL	<i>TAMKO</i>	<i>3016 Felt</i>	<i>FL 1481</i>
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	<i>Simpson</i>	<i>Hurricane Tie</i>	<i>FL 1423</i>
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Sadie Poth...
APPLICANT SIGNATURE

1-7-07
DATE

for
Edwin + Rosa Baez

Project Summary
Entire House
Glenn I. Jones Inc.

Job: Baez Residence
Date:
By:

552 N.W. Hilton Ave., Lake City, FL 32055 Phone: (386)752-5389 Fax: (386)755-3401 Email: louis@bizsea.rr.com Web: www.glennijones.com

Project Information

For: Spicer

Notes:

Design Information

Weather: Jacksonville Cecil Fld Na, FL, US

Winter Design Conditions

Outside db	34 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	94 °F
Inside db	75 °F
Design TD	19 °F
Daily range	M
Relative humidity	50 %
Moisture difference	41 gr/lb

Heating Summary

Structure	24548 Btuh
Ducts	1227 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	25775 Btuh

Sensible Cooling Equipment Load Sizing

Structure	21100 Btuh
Ducts	2110 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.99
Equipment sensible load	23070 Btuh

Infiltration

Method	Simplified	
Construction quality	Average	
Fireplaces	0	
	Heating	Cooling
Area (ft ²)	1456	1456
Volume (ft ³)	14560	14560
Air changes/hour	1.00	0.50
Equiv. AVF (cfm)	243	121

Latent Cooling Equipment Load Sizing

Structure	4770 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	4770 Btuh
Equipment total load	27840 Btuh
Req. total capacity at 0.70 SHR	2.7 ton

Heating Equipment Summary

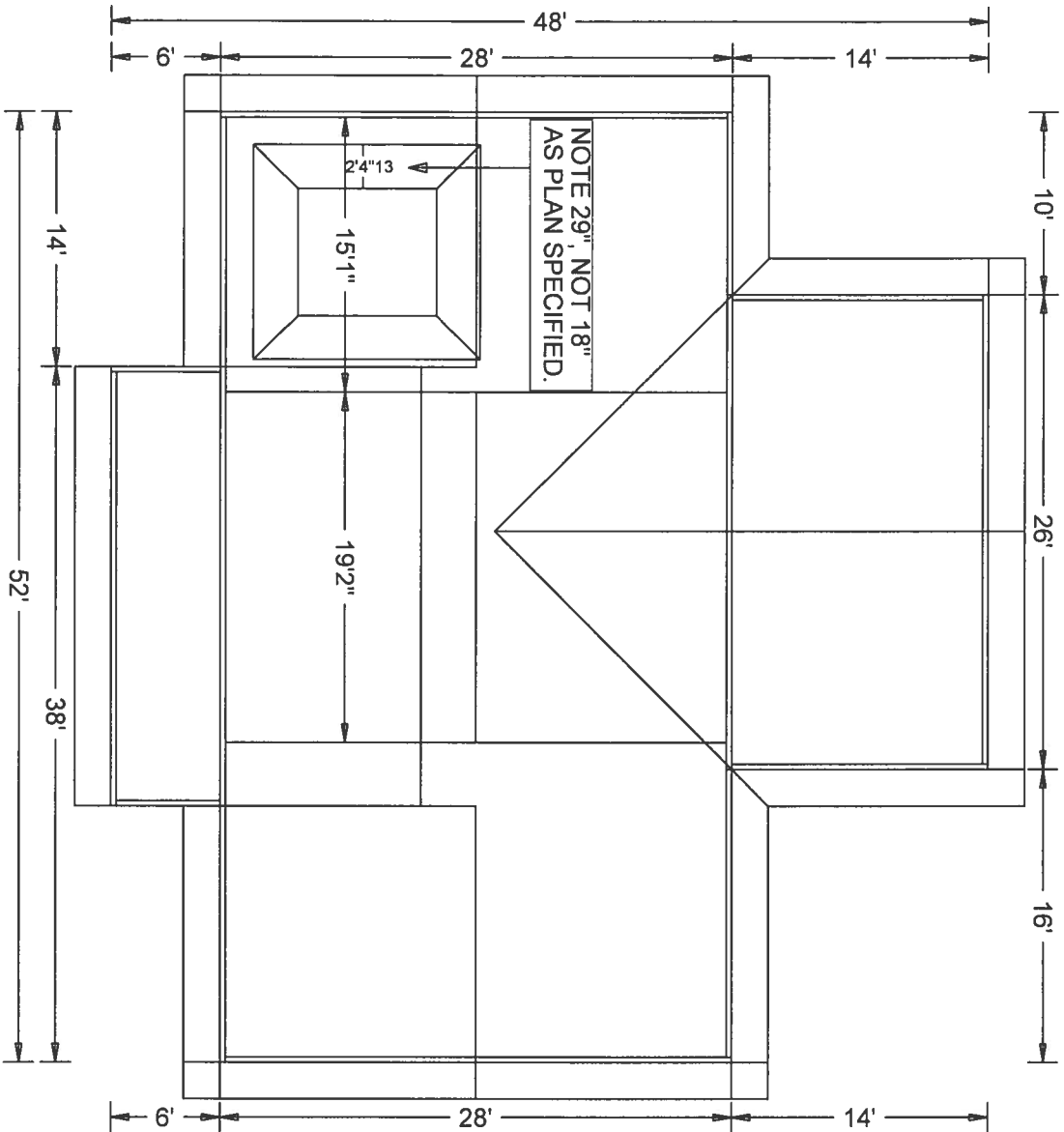
Make	Carrier
Trade	Model 38BYG Heat Pump
Model	38BYG03630
Efficiency	8 HSPF
Heating input	
Heating output	35000 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1120 cfm
Air flow factor	0.043 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

Cooling Equipment Summary

Make	Carrier
Trade	Model 38BYG Heat Pump
Cond	38BYG03630
Coil	FK4DNF003
Efficiency	13 SEER
Sensible cooling	23520 Btuh
Latent cooling	10080 Btuh
Total cooling	33600 Btuh
Actual air flow	1120 cfm
Air flow factor	0.048 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.83

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

FILE COPY



Howard Truss
610 11th St.
Live Oak, FL 32064
(386) 362-1235

PLEASE REVIEW LAYOUT AND
DRAWINGS CAREFULLY AS
TRUSSES WILL BE BUILT IN
STRICT ACCORDANCE WITH
THIS LAYOUT.

ROOF & FLOOR TRUSS QUOTES
DO NOT INCLUDE BEAMS,
LVLS, AND/OR GLULAMS.

VALLEY AREAS TO BE
CONVENTIONALLY FRAMED
UNLESS OTHERWISE STATED.

DATE: 12/29/06
ROOF PITCH: 5/12
CLG PITCH: (1) 2.5/12 VAULT
(1) TRAY 8' TO 9' CLG. HT (SEE NOTE)
OVERHANG: 2'
LOADING: 40/SHGL
WIND LOAD: 110
EXT WALLS: 2X4 FRAME

FILE COPY

Job Name: BAEZ RESIDENCE
Customer: SPICER CONSTRUCTION
Designer: Fill in later

JOB NO:
4159

PAGE NO:

1 OF 1

COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 14-4S-15-00367-153

Building permit No. 000025495

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder SPICER CONSTRUCTION

Waste:

Owner of Building EDWIN & ROSA BAEZ

Total: 0.00

Location: 348 SW WIERSDALE PLACE, LAKE CITY, FL

Date: 08/09/2007

Stacy Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

