01/08/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Yea	PHONE 935-4371 000025380
APPLICANT MAX BASS	O'BRIEN FL 32071
ADDRESS 2388 CR 49	
OWNER LATASHA CRARY	
ADDRESS 386 SW BOZEMAN COURT	
CONTRACTOR MAX BASS	PHONE 935-4371
LOCATION OF PROPERTY 90-W, TL ON CR252, TR ON COO	
TR ON BOZEMAN CT. PAST 2 M	
TYPE DEVELOPMENT SFD,UTILITY EST	IMATED COST OF CONSTRUCTION 70000.00
HEATED FLOOR AREA 1400.00 TOTAL ARE.	A 1400.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED R	OOF PITCH 4/13 FLOOR SLAB
LAND USE & ZONING A-3	MAX, HEIGHT 13
Minimum Set Back Requirments: STREET-FRONT 30.00	REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X PS	DEVELOPMENT PERMIT NO.
PARCEL ID 26-3S-15-00275-007 SUBDIVISION	V
LOT BLOCK PHASE UNIT 0	TOTAL ACRES5.00
	01/1 00
RR28281115	YYV OX I Dan
Culvert Permit No. Culvert Waiver Contractor's License Num EXISTING 07-00008E BK	ber Applicant/Owner/Contractor JH
Driveway Connection Septic Tank Number LU & Zoning	
25 to 25 th	B offended (1)
COMMENTS. ONE FOOT ABOVE THE ROAD, NOC ON FILE	
COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS IS	SUED
COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS IS: ALTERNATE TERMIT TREATMENT RECEIVED	
EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS IS	Check # or Cash 3916
EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS IS: ALTERNATE TERMIT TREATMENT RECEIVED FOR BUILDING & ZONIN	Check # or Cash 3916 G DEPARTMENT ONLY (footer/Slab)
EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS IS: ALTERNATE TERMIT TREATMENT RECEIVED FOR BUILDING & ZONIN	Check # or Cash 3916
EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS IS: ALTERNATE TERMIT TREATMENT RECEIVED FOR BUILDING & ZONIN Temporary Power Foundation date/app. by	Check # or Cash 3916 G DEPARTMENT ONLY (footer Slab) Monolithic date/app. by date/app. by
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NOTICE IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT." This Permit Must Be Prominently Posted on Premises During Construction

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

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

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 12-20-06

386 SW Bollman CT

(Address of Treatment or Lot/Block of Treatment)

Calucay 32024

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)

Columbia County Building Per	rmit Application - Ch# 3916 Revised 9-23-04
For Office Use Only Application # 06/2-62 Date Red	ceived 12-21-06 By 4 Permit # 25380
Application Approved by - Zoning Official 614 Date 0	5.01.07 Plans Examiner OF JIH Date 1-8-7
Flood Zone Development Permit V/A Zoning	A-J Land Use Plan Map Category A-J
Comments Existing MH to be removed within 4	5 days of Co being issuel
ET, NOC	Existing Will
Applicants NameMax Bass	fax 386-935-1233 Phone (386) 755-4731
Address 23883 CR 49 0' Brien, Fr 32	.07/
Owners Name Jack & Latasba Crary	Phone 755 - 473/
911 Address 386 SW Boseman Ct Lake Cit	4 6 32024
Contractors Name May L. Bass B+B / Tomes New 1	tome Builders Phone (386) 935-4371
Address 23883 CR 49 O'BRICH, F	2 32071
Fee Simple Owner Name & Address	
Bonding Co. Name & Address	
Architect/Engineer Name & Address MARIC DISOS	
Mortgage Lenders Name & Address tinst 7cdm4(Cive Opk
Circle the correct power company - FL Power & Light - Clay	<u>Elec.</u> – <u>Suwannee Valley Elec.</u> – Progressive Energy
	Estimated Cost of Construction 487,767.00
Subdivision Name	Lot Block Unit Phase
Driving Directions HWY 90 W 70 Z5Z - 7 mi	les TR on Coonville one Controlight
Go 1.8 mi TL on APRON Co .5 mi	Des borvals to Boseman Ct.,
past 2 mH dut id on left	
Type of Construction New Single Family Residence N	umber of Existing Dwellings on Property / (MH)
Total Acreage 5.010 Lot Size 5.010 Do you need a - Culve	ert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 130	Side 60 Side 135 Rear 767
Total Building Height 1316" Number of Stories He	101AL 1400
Application is hereby made to obtain a permit to do work and insinstallation has commenced prior to the issuance of a permit and all laws regulating construction in this jurisdiction.	that all work be performed to meet the standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing inform compliance with all applicable laws and regulating construction.	and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTELLED OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF THE PROPERTY.	ND TO ORTAIN FINANCING, CONOUR TRANSPORTER
Owner Builder or Agent (Including Contractor)	Contractor Signature
STATE OF FLORIDA COUNTY OF COLUMBIA	Contractors License Number <u>1782811195</u> Competency Card Number <u>5630</u> NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me	Notary Public State of Florida
this day of 20	Januce B Gaylord My Commission DD581631
Personally known or Produced Identification	Notary Signature Expires 02/27/2010



STATE OF FLORIDA **DEPARTMENT OF HEALTH**

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-00008E

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ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

0'55'18'W, 245.61

MONUMENT SET, LS 4708 ELECTRIC UTILITY LINE (OVERHEAD) PERMANENT REFERENCE MONUMENT SERVICE 4" C.M. LS 4303 ROD SET, LS 4708 CONCRETE MONUMENT FOUND — E.— ELECTRIC UTILITY LINE (OVEY) — UGE — UNDERGROUND ELECTRIC SER — CN— CABLE TV LINE (OVERHEAD) CORRUGATED METAL PIPE REINFORCED CONCRETE PIPE PERMANENT CONTROL POINT FOUND OFFICIAL RECORD BOOK OF SYMBOL LEGEND MOITACITIFICATION LICENSED BUSINESS OR PIPE - O - CHAIN LINK FENCE RIGHT-OF-WAY LAND SURVEYOR →o — WOODEN FENCE UTILITY POLE IRON PIN OI 5/8" IRON I WRE FENCE CONCRETE NO 10. CMP RCP LS LB | | | PRM TOGETHER WITH A 45 FOOT WIDE STRIP OF LAND LYING WEST AND SOUTH OF THE PCP O N.00'22'22"W., 195 FEET; N.30'55'18"W., 245.61 FEET TO THE POINT OF ENDING. 731.56 FEET; THENCE N.88'28'58"E., 227.29 FEET; S.UU'IB ZU E., 299.09 1 LL!, N.88'28'58"E., 50.01 FEET TO THE POINT OF ENDING. COMMENCE AT THE NE CORNER OF ABOVE DESCRIBED EASEMENT, THENCE 5/8" I.R 5/8" I.R LS 4708 PART OF THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED JANUARY 6, 1988, COMMUNITY PANEL NO. 120070 0175 B. HOWEVER, PART IS IN ZONE "A" AND MAYBE SUBJECT TO FLOODING. 40.2 1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID DEED OF RECORD. NO EASEMENT FOR UTILITY AND/OR DRAINAGE IS SHOWN ON THIS LOT IN RECORDS IN THE POSSESSION OF THIS OFFICE. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON. Bangoran (43) IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON. "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER." THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE EXCEPTION IS MADE HEREON REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, AND/OR TITLE CONFLICTS OF RECORD, IF ANY, NOT PROVIDED BY THE CLIENT OR HIS AGENTS. BEARINGS BASED ON DEED OF RECORD USING MONUMENTS FOUND A PART. 5 DISTANCE FROM WELL 15 87.6" TANK ZONE 1080.93" (FIELD, 1081.24" (DEED) FOLLING DESCRIBED LINE: 1029.29' (FIELD) CLOSURE OF FIELD SURVEY IS 1/263,779. ON THE SOUTH LINE OF SAID PARCEL. (FIELD) S.88'21'31"W. S.88'21'31"W. 955.87" (5.02 Acres, ± 956.06 CONTAINS S.88.21'19"W. 904.25 N.88.25'20"E. N.88'25'36"E DOTS REPRESENT APPROXIMATE AREA SURVEYOR'S NOTES: CERTIFIED TO A PART. 707 FROM DESIGNATION AS SCALED FROM FLOOD INSURANCE RATE MAPS. AFFECTED BY FLOOD ZONE "A OVER AND ACROSS THE EAST 45 FEET VTS OF RECORD IN FAVOR OF FLORIDA TO AND FROM ABOVE PROPERTY IN T; THENCE S.88'21'31"W., 1081.24 ó, V, ωi o, 10. JSIVE EASEMEINI; INCINCE ALLINO X.ONE 555 RT.

CRARY SITE PUN Sitepla BE BADMES Ornami By L. Bass Max Contractor 215 6201 EXISTING SEPAC 135 Tempose existing o existing well Existing pound line Berly BosEmm CT

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 26-3S-15-00275-007 HX

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map Print

Curier - Property Infe

Owner's Name	ROMINE LATASHA DONNIELLE
Site Address	BOZEMAN
Mailing Address	P O BOX 303 WELLBORN, FL 320940303
Description	COMM SW COR OF SEC, RUN N 201.15 FT FOR POB, CONT N 215.35 FT, E 956.06 FT TO A PT ON THE E LINE OF A 45-FOOT EASEMENT, S 30 DG E 245.61 FT, W 1081.24 FT TO POB. ORB 814-1757, 870-1301, 900-2510, AFD 1002-2365.

<< Prev Se	arch Result: 5 of 10 Next >>
Use Desc. (code)	MOBILE HOM (000200)
Neighborhood	26315.00
Tax District	3
UD Codes	MKTA01
Market Area	01
Total Land Area	5.010 ACRES

Property wassessment values

Mkt Land Value	cnt: (3)	\$18,684.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$3,329.00
XFOB Value	cnt: (1)	\$400.00
Total Appraised Value		\$22,413.00

Just Value		\$22,413.00
Class Value		\$0.00
Assessed Value		\$14,852.00
Exempt Value	(code: HX)	\$14,852.00
Total Taxable Value		\$0.00

Sales History

Sale Date	De-L/D			1		
Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
2/3/2003	1002/2365	AG	V	11		
4/14/2000	900/2510	QC	Ţ.		03	\$19,000.00
12/3/1998		<u> </u>	1	U	01	\$2,000.00
12/3/1990	870/1301	CD	I	Q		\$17,200.00

"Ling Characterizies

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S E	Bldg Value									
	(MOBILE HME (000800)	1974	Alum Siding (26)	684	684	\$3,329,00									
	Note: All S.F. calculatio	ote: All S.F. calculations are based on exterior building dimensions.													

Extra reatures of accommissings

Code	Desc	Year Bit	Value	Units	Dims	Condition (% Good)					
0294	SHED WOOD/	1999	\$400.00	1.000	0 x 0 x 0	(.00)					

Lind Females

Lnd Code	Desc	Units	Adjustments	Eff Rate	Land Value
000200	MBL HM (MKT)	2.000 AC	1.00/1.00/1.00/1.00		Lnd Value
009630	SWAMP (MKT)	3.010 AC	1.00/1.00/1.00/1.00	\$8,000.00	\$16,000.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$684.00 \$2,000.00

Columbia County Property Appraiser

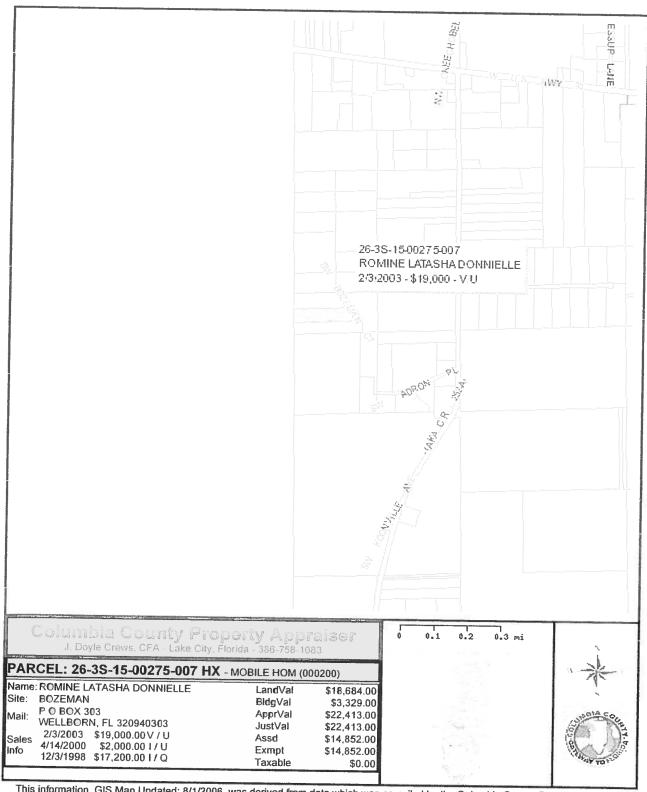
DB Last Updated: 8/1/2006

<< Prev

5 of 10

Next >>

	SW COR O								ELLE	26-	3S-15-0	0275-00	07			Columbia	Cou
215.3	5 FT FOR 5 FT, E E E LINE	956.06	FT TO	A PT		O BOX LLBORN			303				RINTEI PPR		7/2006 0/2006		
MOD EXW % RSTR	000800 M 2 MOBIL 26 ALM S N/A 01 FLAT 01 MINIM N/A	E HME IDING	BATH FIXT BDRM RMS	1	2	18 20	082 R	TD AREA	3,616	0 IN 6 E- B BL	DG VAL	19′ 19′	74 AYI 74 EYI	3 MI 3 (1 A(3	KT AREA PUD1 C FCD	. 01	000
INTW % FLOR 10% HTTP	04 PLYWO N/A 14 CARPE 08 SHT V 04 AIR D	OD T INYL UCTED	HGHT PMTR STYS ECON FUNC		1.0	3 + 3 IBAS 3 1 3 2	 1998		/1998 GM CT SW LAF			+ I 1 2	:	Ci Ci	OT AP# 6		
QUAL FNDN SIZE CEIL ARCH	03 CENTR 02 BELOW N/A N/A N/A N/A N/A N/A	AVG.				3 3 3 3 3							:	BAS1	<dt </dt 	003 BLDG S12 E57	
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AE BN	EXTRA	FEATUR DE	ES SC	LEN					FIELD CK: ADJ 1.00								
AE C Y 000 Y 009 Y 009	AND DE ODE 200 MBL 630 SWAM 945 WELL - 10.03	SC HM P /SEPT	ZONE TOPO A-1			(1103		DEPTH	FIELD CK: ADJUSTM 1.00 1.00 1.00 1.00 1.00 1.00						PRIC	E ADJ 00 8	UT P



This information, GIS Map Updated: 8/1/2006, 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, it's use, or it's 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.

WARRANTY DEED

THIS WARRANTY DEED, Made the 15 day of Nov. 2006, by IL DEARVANG (A MARRIED PERSON) THIS IS NOT HER HOMESTEAD bereinafter illed the *GRANTOR*, to _LATASHA ROMINE, N/K/A LATASHA DONIELLE CRARY, JOINED BY HER HUSBAND OSE POST OFFICE address is P.O. BOX 303 WELLBORN, FL. 32094 JACK RODNEY CRARY reinafter called the GRANTEE. (Wherever used herein the terms GRANTOR and GRANTEE include all the parties to this instrument and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

WITNESSETH, That the GRANTOR, for and in consideration of the sum of YOFF OF AN AGREEMENT FOR DEED_and other valuable considerations, receipt ereof is hereby acknowledged, hereby grants, bargains, sells, aliens, mises, releases, conveys and confirms unto the GRANTER all that certain mises, releases, conveys and confirms unto the GRANTER all that certain nd situate in Columbia County, State of Florida, VIZ: COMMENCE AT THE SW RNER OF SECTION 26, TWP. 3-S, R 15-E COLUMBIA COUNTY, THENCE N 00 deg. 38" W ALONG THE WEST LINE OF SAID SEC. 26, 201.15 FT., TO THE POINT OF GINNING THENCE CONTINUE N 00 deg. 17' 38" W ALONG THE WEST LINE OF SAID C. 26, 215.35 FT., THENCE N 88 deg 25' 20" E 956.06 FT., TO A POINT ON THE ST LINE OF A 45 FT. NON EXCLUSIVE EASEMENT THENCE ALONG SAID EAST LINE S deg. 55' 18" E 245.61 FT., THENCE S 88 deg 21' 31" W 1081.24 FT. TO THE INT OF ENDING. CONTAINING 5.02 AC. M.O.L. JETHER WITH PERPETUAL EASEMENT TO AND FROM ABOVE PROPERTY IN ADDENDUM. SJECT TO A PERPETUAL EASMENT OVER AND ACROSS THE EAST 45 FT. OF THE ABOVE SCRIBED PROPERTY 8JECT TO: RIGHT OF WAY EASEMENTS OF RECORD IN FAVOR OF FLORIDA POWER & 3JECT TO: OUTSTANDING MINERAL INTERESTS: OF RECORD

TAX I.D. NUMBER_26 3-S 15E 00275-007_

TOGETHER, with all the tenements, hereditaments appurtenances thereto onging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever. AND the GRANTOR hereby covenants with said GRANTEE that the GRANTOR has od right and lawful authority to sell and convey said land, and hereby rants the title to said land and will defend the same against the lawful tims of all persons whomsoever; and that said land is free of all umbrances except those mentioned above and except any liens and taxes ruing subsequent to December 31, 2002.

IN WITNESS WHEREOF, the said GRANTOR has signed and sealed these sents the day and year first above written.

sealed and delivered in the presence, of: med, NESS GAIL DEARVANG int)

int) SAND TE OF MICHIGAN

I HEREBY CERTIFY THIS TO BE A TRUE AND EXACT COPY OF THE ORIGINAL

EREBY CERTIFY THAT ON THIS DAY, BEFORE ME, AN OFFICER DYLY AUTHOR ZED TO INISTER OATHS AND TAKE ACKNOWLEDGMENTS, PERSONALLY EARED GAIL DEARVANG KNOWN TO ME TO BE THE PERSON(S) DESCRIBED IN AND EXECUTED THE FORGOING INSTRUMENT, WHO ACKNOWLEDGED BEFORE ME THAT SHE CUTED THE SAME, AND AN OATH WAS NOT TAKEN. (CHECK ONE) SAID PERSON(S) IS/ARE PERSONALLY KNOWN TO ME

SAID PERSON(S) PROVIDED THE FOLLOWING TYPE OF IDENTIFICATION

NICKLES OF THE TOTAL SEAL IN THE COUNTY AND STATE LAST

RESAID THIS DAY OF MONEYADORA. D. 2006.

NOTARY PUBLIC

ZLATINA DIMOVA Notary Public, State of Michigan County of Wayne My Commission Expires Jan. 27, 2011 Acting in the County of

ADDENDUM

'OGETHER WITH A NON EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS OVER AND CROSS A STRIP OF LAND DESCRIBED AS FOLLOWS:

OMMENCE AT THE SE CORNER OF NW 1/4 OF NW 1/4 SECTION 35, TWP. 3-S, R 15-E, OLUMBIA COUNTY, FLORIDA THENCE N 0 deg 20' 40" W 299.83 FT. TO THE SW ORNER OF ADRON ROAD, THE POINT OF BEGINNING, THENCE N 0 deg 16' 20" W 49.89 FT., THENCE S 88 deg 28' 58" W 232.30 FT., THENCE N 0 deg 16' 20" W 81.56 FT., THENCE S 88 deg 21' 31" W 45 FT., THENCE S 0 deg 16' 20" E 31.56 FT., THENCE N 88 deg 28' 58" E 227.29 FT., THENCE S 0 deg 16' 20" E 99.89 FT., THENCE N 88 deg 28' 58" E 50.01 FT. TO THE POINT OF ENDING, OGETHER WITH A 45 FT. WIDE STRIP OF LAND LYING WEST AND SOUTH OF THE OLLOWING DESCRIBED LINE: COMMENCE AT THE NE CORNER OF ABOVE DESCRIBED ASSEMENT, THENCE N 0 deg 22' 22" W 195. FT., THENCE N 30 deg 55' 18" W 45.61 FT., TO THE POINT OF ENDING.

either the GRANTOR nor the GRANTOR'S heirs, personal representatives, uccessors or assigns shall be bound to improve, maintain, repair or onstruct any roadway upon the easement described hereinabove; nor shall the RANTOR nor the GRANTOR'S heirs, personal representatives, successors or ssigns assume or have any liability or responsibility for injury to the URCHASER or the PURCHASER'S heirs, personal representatives, successors, ssigns, invites, guests, and any other person where such injury or damage curs from, or arises out of, the use or attempted us of the property esscribed hereinabove.

PAGE 2 DF 2
DEARVANG/ROMINE WARRANTY DEED

06Y-11045KW

Exhibit A

COMMENCE AT THE SW CORNER OF SECTION 26, TOWNSHIP 3 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA, THENCE N 00°17'38" W, ALONG THE WEST LINE OF SAID SECTION 26, 201.15 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N 00°17'38" W., ALONG THE WEST LINE OF SAID SECTION 26, 215.35 FEET; THENCE N 88°25'20" E., 956.06 FEET TO A POINT ON THE EAST LINE OF A 45 FOOT NON EXCLUSIVE EASEMENT; THENCE ALONG SAID EAST LINE \$ 30°55'18" E., 245.61 FEET; THENCE S 88°21'31" W., 1081.24 FEET TO THE POINT OF BEGINNING.

SUBJECT TO A PERPETUAL EASEMENT OVER AND ACROSS THE EAST 45 FEET OF THE ABOVE DESCRIBED PROPERTY.

TOGETHER WITH A NON EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS A STRIP OF LAND DESCRIBED AS FOLLOWS:

COMMENCE AT THE SE CORNER OF NW 1/4 OF NW 1/4, SECTION 35, TOWNSHIP 3 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA; THENCE N 00°20'40" W., 299.83 FEET TO THE SW CORNER OF ADRON ROAD, TO THE POINT OF BEGINNING; THENCE N 00°16'20" W., 349.89 FEET; THENCE S 88°28'58" W., 232.30 FEET; THENCE N 00°16'20" W., 681.56 FEET; THENCE S 88°21'31" W., 45 FEET; THENCE S 00°16'20" E., 731.56 FEET; THENCE N 88°28'58" E., 227.29 FEET; THENCE S 00°16'20" E., 299.89 FEET; THENCE N 88°28'58" E., 50.01 FEET TO THE POINT OF ENDING.

TOGETHER WITH A 45 FOOT WIDE STRIP OF LAND LYING WEST AND SOUTH OF THE FOLLOWING DESCRIBED LINE:

COMMENCE AT THE NE CORNER OF ABOVE DESCRIBED EASEMENT, THENCE N 00°22'22" W., 195 FEET; THENCE N 30°55'18" W., 245.61 FEET TO THE POINT OF ENDING.

Project Name:

Address: City, State:

Builder: B & B Homes
Permitting Office: Columbia

Permit Number: 2538 6

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

B & B - Jack & Latasha Crary

Owner: Jack & Climate Zone: North	Latasha Crary	Jurisdiction Number: 2	21000
 New construction or existing Single family or multi-family Number of units, if multi-family Number of Bedrooms Is this a worst case? Conditioned floor area (ft²) Glass type¹ and area: (Label rate U-factor: 	3	12. Cooling systems a. Central Unit b. N A c. N A 13. Heating systems a. Electric Heat Pump b. N A c. N A 14. Hot water systems a. Electric Resistance b. N A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan. CV-Cross ventilation. HF-Whole house fan. PT-Programmable Thermostat. MZ-C-Multizone cooling. MZ-H-Multizone heating)	Cap: 30.0 kBtu hr SEER: 13.00 Cap: 30.0 kBtu hr HSPF: 7.70 Cap: 50.0 gallons EF: 0.92
Glass/Floor / I hereby certify that the plans this calculation are in complia Code. PREPARED BY: DATE: I hereby certify that this building compliance with the Florida	and specifications covered by noce with the Florida Energy		OT THE STAIR OF LORIDA

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

					
ADDRESS:,,,			PERMIT	Г#:	

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.	
i		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.	
İ		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.	

FORM 600A-2004 EnergyGauge® 4.21

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,	PERMIT #:	

BASE							A	S-BUIL	.Т			
WATER HEA Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	х	Tank X Ratio	Multiplier X	Credit Multipli	
3		2635.00		7905.0	50.0	0.92	3		1.00	2635.00	1.00	7905.0
					As-Built To	tal:						7905.0

	CODE COMPLIANCE STATUS										
	BAS	SE .			AS-	BUILT					
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling + Points	Heating + Points	Hot Water Points	= Total Points				
7725	7032	7905	22661	4680	5828	7905	18414				

PASS



WINTER CALCULATIONS

ADDRESS:,,,			PERMIT #:	

	BASE		AS-BUILT						
Winter Base	Points:	11207.4	Winter As-Built Points:	1420.0					
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points					
11207.4	0.6274	7031.5	, , , , , , , , , , , , , , , , , , ,	R6.0 5828.2 828.2					

WINTER CALCULATIONS

ADDDECC:	DEDMIT #
ADDRESS:,,,	PERMIT #:

BASE					AS-	BU	LT				
GLASS TYPES .18 X Conditioned X BV Floor Area	VPM =	Points	Type/SC		erhang Len		Area X	w	PM X	WO	F = Point
.18 1400.0 1	12.74	3210.5	Double, Clear	E	1.5	6.0	30.0	18	3.79	1.04	583.8
			Double, Clear	Ε	1.5	6.0	30.0		3.79	1.04	583.8
			Double, Clear	W	1.5	6.0	15.0).73	1.02	318.2
			Double, Clear	W	1.5	4.0	18.0	20).73	1.05	392.9
			As-Built Total:				93.0				1878.7
WALL TYPES Area X I	BWPM	= Points	Туре		R-\	/alue	Area	Х	WPM	=	Points
Adjacent 0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1082.4		3.70		4004.7
Exterior 1082.4	3.70	4004.7									
Base Total: 1082.4		4004.7	As-Built Total:				1082.4				4004.7
DOOR TYPES Area X I	BWPM :	= Points	Туре				Area	Х	WPM	=	Points
Adjacent 0.0	0.00	0.0	Exterior Insulated				20.4		8.40		171.4
Exterior 66.6	8.40	559.8	Exterior Insulated				46.2		8.40		388.4
Base Total: 66.6		559.8	As-Built Total:				66.6				559.8
CEILING TYPES Area X	BWPM :	= Points	Туре	R-	Value	Ar	ea X W	РМ	x wc	M =	Points
Under Attic 1400.0	2.05	2870.0	Under Attic			30.0	1400.0	2.05	X 1.00		2870.0
Base Total: 1400.0		2870.0	As-Built Total:				1400.0				2870.0
FLOOR TYPES Area X I	BWPM :	= Points	Туре		R-\	/alue	Area	Х	WPM	=	Points
Slab 156.0(p)	8.9	1388.4	Slab-On-Grade Edge Insulation	n		0.0	156.0(p		18.80		2932.8
Raised 0.0	0.00	0.0									
Base Total:		1388.4	As-Built Total:				156.0				2932.8
INFILTRATION Area X E	BWPM :	= Points					Area	Х	WPM	=	Points
1400.0	-0.59	-826.0					1400.	0	-0.59		-826.0

SUMMER CALCULATIONS

ADDRESS:,,,			PERMIT #:	

BASE			AS-BUILT	
Summer Ba	se Points:	18107.3	Summer As-Built Points: 15	800.3
Total Summer Points	X System Multiplier	= Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Cooling Points
18107.3	0.4266	7724.6	,	4680.5 680.5

SUMMER CALCULATIONS

ADDRESS:,,,	PERMIT #:

BASE		AS-BU	ILT		
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	•	Overhang rnt Len Hgt	Area X SPM X	SOF	= Points
.18 1400.0 20.04 5050.1	Double, Clear	E 1.5 6.0	30.0 42.06	0.91	1151.8
	Double, Clear	E 1.5 6.0	30.0 42.06	0.91	1151.8
		W 1.5 6.0	15.0 38.52	0.91	527.8
	Double, Clear	W 1.5 4.0	18.0 38.52	0.82	566.9
	As-Built Total:		93.0	·	3398.3
WALL TYPES Area X BSPM = Points	Туре	R-Value	e Area X SP	M =	Points
Adjacent 0.0 0.00 0.0	Frame, Wood, Exterior	11.0	1082.4 1.79	0	1840.0
Exterior 1082.4 1.70 1840.0					
Base Total: 1082.4 1840.0	As-Built Total:		1082.4		1840.0
DOOR TYPES Area X BSPM = Points	Туре		Area X SP	M =	Points
Adjacent 0.0 0.00 0.0	Exterior Insulated		20.4 4.10	0	83.6
Exterior 66.6 4.10 273.2	Exterior Insulated		46.2 4.10	0	189.6
Base Total: 66.6 273.2	As-Built Total:		66.6		273.2
CEILING TYPES Area X BSPM = Points	Туре	R-Value	Area X SPM X S	CM =	Points
Under Attic 1400.0 1.73 2422.0	Under Attic	30.0	1400.0 1.73 X 1.00	0	2422.0
Base Total: 1400.0 2422.0	As-Built Total:		1400.0		2422.0
FLOOR TYPES Area X BSPM = Points	Туре	R-Value	e Area X SP	M =	Points
Slab 156.0(p) -37.0 -5772.0	Slab-On-Grade Edge Insulation	0.0	156.0(p -41.20	0	-6427.2
Raised 0.0 0.00 0.0					
Base Total: -5772.0	As-Built Total:		156.0		-6427.2
INFILTRATION Area X BSPM = Points			Area X SP	M =	Points
1400.0 10.21 14294.0			1400.0 10.2	21	14294.0

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.7

The higher the score, the more efficient the home.

Jack & Latasha Crary, , , ,

1.	New construction or existing		New	12	Cooling systems	
2.	Single family or multi-family	Sin	gle family	a.	Central Unit	Cap: 30.0 kBtu hr
3.	Number of units, if multi-family		1 _	_		SEER: 13.00
4.	Number of Bedrooms		3	b.	NA	
5.	Is this a worst case?		No			
6.	Conditioned floor area (ft²)		1400 ft ²	c.	NA	
7.	Glass type 1 and area; (Label reqd.	by 13-104.4.5 if not	default)			
a	U-factor:	Description	Area	13.	Heating systems	
ь	(or Single or Double DEFAULT) SHGC:	7a. (Dble Default)	93.0 ft ² _	_ a.	Electric Heat Pump	Cap: 30.0 kBtu hr HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (Clear)	93.0 ft² _	b.	NA	_
8.	Floor types					
a.	Slab-On-Grade Edge Insulation	R=0.0, 1	56.0(p) ft _	c.	NA	
b	NA			_		
c.	NA			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=11.0.	1082.4 ft ²	_		EF: 0.92
b.	NA		_	_ b.	NA	
c.	NA		_	-		_
d.	NA		_	c.	Conservation credits	
e.	NA				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0,	1400.0 ft ²	15.	HVAC credits	· ·
b.	NA		-	_	(CF-Ceiling fan, CV-Cross ventilation,	
c.	NA		_	-	HF-Whole house fan.	
11.	Duets				PT-Programmable Thermostat.	
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6	.0. 55.0 ft	-	MZ-C-Multizone cooling.	
b.	NA				MZ-H-Multizone heating)	

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: 17-70-06

Address of New Home: 386 5 W Bosemwc7 City/FL Zip: 6/26 City/FL Zip

*NOTE: The home's estimated energy performance score is only available through the FL4 RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA DOE EnergySta TM 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.

BUILDING INPUT SUMMARY REPORT

PROJECT	Owner: Jack & Latasha Crary M # of Units: 1 E Builder Name: B & B Homes C Climate: North T Permit Office: (blank)	otal Stories: Vorst Case: Rotate Angle:	Single New 3 1400 1 No (blank)	Address Type: Lot #: Subdivision: Platbook: Street: County: City, St, Zip:	Street Address N/A N/A N/A (blank) (blank)	Units
FLOORS	1 Slab-On-Grade Edge Insulation 0.0 156.0(p) ft	1 OOO	# Door Type 1 Insulated 2 Insulated	Exterior Exterior	Area 20.4 ft² 46.2 ft²	1 1
CEILINGS	# Ceiling Type R-Val Area Base 1 Under Attic 30.0 1400.0 ft² 1400 Credit Multipliers: None	Area Units Off ² 1	# System Type 1 Central Unit Credit Multipliers:	None	Efficiency SEER: 13.00	Capacity 30.0 kBtu/hr
WALLS	# Wall Type Location R-Val Are	ua Units 12.4 ft² 1	# System Type 1 Electric Heat Pu Credit Multipliers:	ımp	Efficiency COP: 7.70	Capacity 30.0 kBtu/hr
	# Panes Tint Ornt Area OH Length Of 1 Double Clear E 15.0 ft2 1.5 ft 2 Double Clear E 15.0 ft2 1.5 ft 3 Double Clear W 15.0 ft2 1.5 ft 4 Double Clear W 9.0 ft2 1.5 ft	0H Hght Units 6.0 ft 2 6.0 ft 2 6.0 ft 1 4.0 ft 2	# Supply Return Local 1 Uncond. Cond Credit Multipliers:	tion Location I. Interior	Supply R-Val 6.0	Supply Length 55.0 ft
		WATER	# System Type 1 Electric Resistar		None	0.00
WINDOWS		REFR.	# Use Default? 1 Yes	N/A	ing Cost Elect	ric Rate
MISC	Area Under Fluorescent: 0.0 Visib Area Under Incandescent: 1400.0 Leak NOTE: Not all Rating info shown HRV/	#: Leakage Type: le Duct Disconnect Free Duct System ERV System Prese	Proposed: No ent?: No		Pool Size: 0 Pump Size: 0. Dryer Type: El Stove Type: El Avg Ceil Hgt:	ectric

EnergyGauge® (Version: FLRCPB v4.21)

Residential System Sizing Calculation

Summary

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version Climate: North

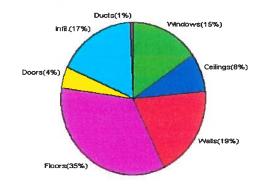
12/11/2006

Location for weather data: Tallahassee - Defaults: Latitude(30) Altitude(55 ft.) Temp Range(M)								
Humidity data: Interior RH (50%) Outdoor wet bulb (76F) Humidity difference(46gr.)								
Winter design temperature	28	F	Summer design temperature	93	F			
Winter setpoint	70	F	Summer setpoint	75	F			
Winter temperature difference	42	F	Summer temperature difference	18	F			
Total heating load calculation	22322	Btuh	Total cooling load calculation	17690	Btuh			
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh			
Total (Electric Heat Pump)	134.4	30000	Sensible (SHR = 0.75)	141.3	22500			
Heat Pump + Auxiliary(10.0kW)	287.3	64130	Latent	424.1	7500			
			Total (Electric Heat Pump)	169.6	30000			

WINTER CALCULATIONS

Winter Heating Load (for 1400 sqft)

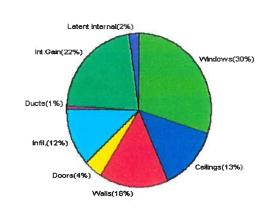
Load component			Load	
Window total	93	sqft	3398	Btuh
Wall total	1082	sqft	4313	Btuh
Door total	67	sqft	980	Btuh
Ceiling total	1400	sqft	1873	Btuh
Floor total	156	sqft	7731	Btuh
Infiltration	84	cfm	3874	Btuh
Duct loss			153	Btuh
Subtotal			22322	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			22322	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1400 sqft)

Load component			Load	
Window total	93	sqft	5287	Btuh
Wall total	1082	sqft	2783	Btuh
Door total	67	sqft	676	Btuh
Ceiling total	1400	sqft	2363	Btuh
Floor total			0	Btuh
Infiltration	43	cfm	849	Btuh
Internal gain			3860	Btuh
Duct gain			104	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			15921	Btuh
Latent gain(ducts)			28	Btuh
Latent gain(infiltration)			1341	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occup	400	Btuh		
Total latent gain	1768	Btuh		
TOTAL HEAT GAIN			17690	Btuh



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE:
12/11/86

Manual J Winter Calculations

Residential Load - Component Details (continued)
rary Project Title: Cod

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only **Professional Version** Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default) (HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version

Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F

12/11/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	E	30.0	36.5	1096 Btuh
2	2, Clear, Metal, 0.87	Ē	30.0	36.5	1096 Btuh
3	2, Clear, Metal, 0.87	w	15.0	36.5	548 Btuh
4	2, Clear, Metal, 0.87	w	18.0	36.5	658 Btuh
1	Window Total	**	93(sqft)	30.3	3398 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	11.0	1082	4.0	4313 Btuh
· '	Wall Total	11.0	1082	4.0	4313 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exterior		46	14.7	680 Btuh
2	Insulated - Exterior		20	14.7	300 Btuh
-	Door Total		67	17.7	980Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1400	1.3	1873 Btuh
	Ceiling Total	30.0	1400	1.5	1873Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	156.0 ft(p)	49.6	7731 Btuh
·	Floor Total	· ·	156	10.0	7731 Btuh
	. 100. 1014.		100		7101 Dtdi
			Envelope Su	ıbtotal:	18294 Btuh
			•		
Infiltration	Туре	ACH X Vol	ume(cuft) walls(sq	ft) CFM=	
	Natural	0.45	11200 1082	84.0	3874 Btuh
Ductload			10	I M of 0 007\	452 D4h
Ductioad			(D	LM of 0.007)	153 Btuh
All Zones	Sensible Subtotal All Zones 22322 Btuh				
All Zolles		Sen:	Sible Subtotal A	u ∠ones	22322 Btuh

WHOLE HOUSE TOTALS

Manual J Winter Calculations

Residential Load - Component Details (continued)

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary Code Only Professional Version Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear

(Frame types - metal, wood or insulated metal) (U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

ACCA MRKURL J

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details a Crary Project Title: Code C

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only Professional Version

Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F

12/11/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U		Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	E	30.0	36.5	1096 Btuh
2	2, Clear, Metal, 0.87	E	30.0	36.5	1096 Btuh
3	2, Clear, Metal, 0.87	W	15.0	36.5	548 Btuh
4	2, Clear, Metal, 0.87	W	18.0	36.5	658 Btuh
	Window Total		93(sqft)		3398 Btuh
Walls	Туре	R-Value	Area X	HTM≔	Load
1	Frame - Wood - Ext(0.09)	11.0	1082	4.0	4313 Btuh
	Wall Total		1082		4313 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exterior		46	14.7	680 Btuh
2	Insulated - Exterior		20	14.7	300 Btuh
	Door Total		67		980Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1400	1.3	1873 Btuh
	Ceiling Total		1400		1873Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	156.0 ft(p)	49.6	7731 Btuh
	Floor Total		156		7731 Btuh
		Z	one Envelope Su	btotal:	18294 Btuh
Infiltration	Туре	ACH X Volu	ume(cuft) walls(sqf	t) CFM=	
	Natural	0.45	11200 1082	84.0	3874 Btuh
Ductload	Average sealed, Supply(R6	153 Btuh			
Zone #1		Sen	sible Zone Subt	otal	22322 Btuh

WHOL	- 1101		410
40/W/ W		1/1	\wedge

Manual J Summer Calculations

Residential Load - Component Details (continued)

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version Climate: North

12/11/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	15818	Btuh
	Sensible Duct Load	l	Btuh
	Total Sensible Zone Loads	15921	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	15921	Btuh
Totals for Cooling	Latent infiltration gain (for 46 gr. humidity difference)	1341	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	28	Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400	Btuh
	Latent other gain	0	Btuh
	Latent total gain	1768	Btuh
	TOTAL GAIN	17690	Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version

Climate: North

Reference City: Tallahassee (Defaults)

Summer Temperature Difference: 18.0 F

12/11/2006

Component Loads for Whole House

	Type*		Overh	nang	Wind	dow Area	a(sqft)	-	HTM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, B-M, N,N	Е	1.5ft.	6ft.	30.0	1.5	28.5	22	59	1712	Btuh
2	2, Clear, 0.87, B-M, N,N	Ε	1.5ft.	6ft.	30.0	1.5	28.5	22	59	1712	
3	2, Clear, 0.87, B-M, N,N	W	1.5ft.	6ft.	15.0	0.7	14.3	22	59	856	
4	2, Clear, 0.87, B-M, N,N	W	1.5ft.	4ft.	18.0	1.5	16.5	22	59	1006	
	Window Total				93 (s					5287	Btuh
Walls	Туре		R-Va	lue/U	-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			11.0/0	0.09	108	2.4		2.6	2783	Btuh
	Wall Total					108	2 (sqft)			2783	Btuh
Doors	Туре					Area			HTM	Load	
1	Insulated - Exterior					46	.2		10.1	469	Btuh
2	Insulated - Exterior					20	.4		10.1	207	Btuh
	Door Total					6	7 (sqft)			676	Btuh
Ceilings	Type/Color/Surface		R-Val	lue		Area			HTM	Load	
1	Vented Attic/DarkShingle			30.0		140	0.0		1.7	2363	Btuh
	Ceiling Total					140	0 (sqft)			2363	Btuh
Floors	Туре		R-Val	lue		Si			нтм	Load	
1	Slab On Grade			0.0		15	66 (ft(p))		0.0	0	Btuh
	Floor Total						0 (sqft)			0	Btuh
						Eı	rvelope	Subtota	ıl:	11109	Btuh
Infiltration	Type SensibleNatural		A	CH 0.23	Volum	e(cuft) \ 11200	vall area	ı(sqft)	CFM= 84.0	Load 849	Btuh
Internal		(Occupa	ants		Btuh/oc	cupant		Appliance	Load	
gain				2		(23	•		3400	3860	Btuh
Duct load								VI of 0.0	07)	104	Btuh
						Sen	sible Lo	oad All	Zones	15921	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)
rary Project Title: Cod

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only **Professional Version** Climate: North

12/11/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	15818	Btuh
	Sensible Duct Load	104	Btuh
	Total Sensible Zone Loads	15921	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	15921	Btuh
Totals for Cooling	Latent infiltration gain (for 46 gr. humidity difference)	1341	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	28	Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400	Btuh
	Latent other gain	0	Btuh
	Latent total gain	1768	Btuh
	TOTAL GAIN	17690	Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details a Crary Project Title: Code O

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only **Professional Version**

Climate: North

Reference City: Tallahassee (Defaults)

Summer Temperature Difference: 18.0 F

12/11/2006

Component Loads for Zone #1: Main

	Type*		Over	hang	Wind	dow Area	a(sqft)	ŀ	HTM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross		Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, B-M, N,N	Е	1.5ft.	6ft.	30.0	1.5	28.5	22	59	1712	Btuh
2	2, Clear, 0.87, B-M, N,N	E	1.5ft.	6ft.	30.0	1.5	28.5	22	59	1712	Btuh
3	2, Clear, 0.87, B-M, N,N	W	1.5ft.	6ft.	15.0	0.7	14.3	22	59	856	Btuh
4	2, Clear, 0.87, B-M, N,N	W	1.5ft.	4ft.	18.0	1.5	16.5	22	59	1006	
	Window Total				93 (s	qft)				5287	Btuh
Walls	Type		R-Va	ilue/U	l-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			11.0/0	0.09	108	2.4		2.6	2783	Btuh
	Wall Total					108	2 (sqft)			2783	Btuh
Doors	Туре					Area			HTM	Load	
1	Insulated - Exterior					46	.2		10.1	469	Btuh
2	Insulated - Exterior					20	.4		10.1	207	Btuh
	Door Total					6	7 (sqft)			676	Btuh
Ceilings	Type/Color/Surface		R-Va	lue		Area			HTM	Load	
1	Vented Attic/DarkShingle			30.0		140	0.0		1.7	2363	Btuh
	Ceiling Total					140	0 (sqft)			2363	Btuh
Floors	Туре		R-Va	lue		Si			HTM	Load	
1	Slab On Grade			0.0		15	66 (ft(p))		0.0	0	Btuh
	Floor Total						0 (sqft)			0	Btuh
						Z	one Env	elope S	ubtotal:	11109	Btuh
nfiltration	Type SensibleNatural		Α	CH 0.23	Volum	e(cuft) \	wall area	a(sqft)	CFM= 42.9	Load 849	Btuh
internal	SettoinietAgratat		0001:5								Dluil
		,	Occup			Btuh/oc		4	Appliance	Load	Divi
gain				2		K 23	0 +		3400	3860	
Duct load	Average sealed, Supply	/(R6.0-	Attic),	Retu	rn(R6.0	-Cond)		(DGM	of 0.007)	104	Btuh
							Sensib	le Zone	e Load	15921	Btuh

Residential Window Diversity

MidSummer

Jack & Latasha Crary

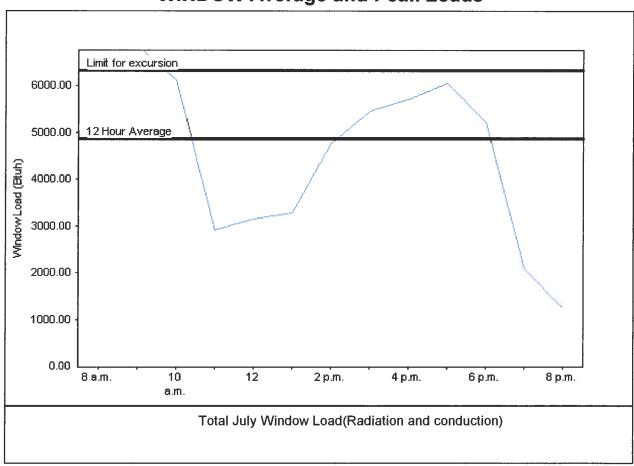
Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version Climate: North

12/11/2006

Weather data for: Tallahassee - De	efaults		
Summer design temperature	93 F	Average window load for July	4867 Btuh
Summer setpoint	75 F	Peak window load for July	6860 Btuh
Summer temperature difference	18 F	Excusion limit(130% of Ave.)	6327 Btuh
Latitude	30 North	Window excursion (July)	533 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:

DATE: 12-11-06



EnergyGauge® FLRCPB v4.21

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.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	RELIABUILT		FL18
A. SWINGING	RELIABUILT		
B. SLIDING			
C. SECTIONAL			
D. ROLL UP			
E. AUTOMATIC			The second secon
F. OTHER			10-10-
2. WINDOWS	CAPITOL		
A. SINGLE HUNG	CAPITOL		FL675
B. HORIZONTAL SLIDER	CAPITOL		1 2073
C. CASEMENT	CAPITOL		
D. DOUBLE HUNG	CAPITOL		
E. FIXED	CAPITOL	1)	FL681
F. AWNING	CAPITOL		L L OO I
G. PASS THROUGH			
H. PROJECTED	1.119	1	1449401-4441-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4
I. MULLION			
J. WIND BREAKER			
The state of the s		A A	
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	VINYL SIDING	1	FL406
B. SOFFITS	CAMERON ASHLEY		FL406
C. EIFS	We was a state.		
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			We will have to the same of th
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	CERTAINTEED		FL250
B. UNDERLAYMENTS	GA PAC		FL1250
C. ROOFING FASTENERS	SENCO		FL2271
D. NON-STRUCTURAL			
METAL ROOFING			
E. WOOD SHINGLES AND			
SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING			100 11 100
ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF			
SYSTEMS			

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES			
COATINGS			
N. LIQUID APPLIED			
ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED			
POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION	1000		
B. BAHAMA			
C. STORM PANELS			2010
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL			
COMPONENTS			
A. WOOD CONNECTORS/	SIMPSON		FL402
ANCHORS			
B. TRUSS PLATES	ROBBINS		FL2934
C. ENGINEERED LUMBER	2-7-4-9-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7		
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE			
ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			1,017 18-12-7
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A			
B.			
	E		

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) the 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.

APPLICANT SIGNATURE

DATE



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: 0612-62

Applicant: Max Bass (B+B Homes) Contractor: Owner Jack Crary Property ID 26-3s-15-00275-007

On the date of December 21, 2006 application 0612-62 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 0612-62 and when making reference to this application.

This is a plan review and subject to approval when in compliance with the following codes sections and all other requirements of the Florida Residential Code 2004 and doesn't make any consideration toward the land use and zoning requirements.

Over

- 1. 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.
- 2. The electrical outlets located on the kitchen counter shall be ground fault protected.
- 3. The smoke alarms shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.
- 4. Please submit product approval specification and product approval number(s) as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 for all material which will be on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products, EXTERIOR DOORS, WINDOWS, ROOFING, SKYLIGHTS and GLASS BLOCKS: More information about statewide product approval can be obtained at www.floridabuilding.org (use attached form)
- 5. 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.

BiB Homes Agrees to Comply with All Above mentioned Requirements on New Home For Incle Cray & will provide P. A.S. shears Along WI Envir Idulth crut. W/ax &Ban

Thank You:

lor Halinger Joe Haltiwanger Plan Examiner

Columbia County Building

Department

THIS INSTRUMENT PREPARED BY AND RETURN TO: TITLE OFFICES, LLC 1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025

Parcel I.D. #

00275-007

Inst:2006028247 Date:12/06/2006 Time:09:40
DC,P.DeWitt Cason,Columbia County B:1104 P:122

34011 -K90

- SPACE ABOVE THIS LINE FOR PROCESSING DATA -

- SPACE ABOVE THIS LINE FOR RECORDING DATA -

NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

386 SW BOSEMAN COURT, WELLBORN, FLORIDA 32094

COMMENCE AT THE SW CORNER OF SECTION 26, TOWNSHIP 3 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA, THENCE N 00°17'38" W, ALONG THE WEST LINE OF SAID SECTION 26, 201.15 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N 00°17'38" W., ALONG THE WEST LINE OF SAID SECTION 26, 215.35 FEET; THENCE N 88°25'20" E., 956.06 FEET TO A POINT ON THE EAST LINE OF A 45 FOOT NON EXCLUSIVE EASEMENT; THENCE ALONG SAID EAST LINE S 30°55'18" E., 245.61 FEET; THENCE S 88°21'31" W., 1081.24 FEET TO THE POINT OF BEGINNING.

SUBJECT TO A PERPETUAL EASEMENT OVER AND ACROSS THE EAST 45 FEET OF THE ABOVE DESCRIBED PROPERTY.

TOGETHER WITH A NON EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS A STRIP OF LAND DESCRIBED AS FOLLOWS:

COMMENCE AT THE SE CORNER OF NW ¼ OF NW ¼, SECTION 35, TOWNSHIP 3 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA; THENCE N 00°20'40" W., 299.83 FEET TO THE SW CORNER OF ADRON ROAD, TO THE POINT OF BEGINNING; THENCE N 00°16'20" W., 349.89 FEET; THENCE S 88°28'58" W., 232.30 FEET; THENCE N 00°16'20" W., 681.56 FEET; THENCE S 88°21'31" W., 45 FEET; THENCE S 00°16'20" E., 731.56 FEET; THENCE N 88°28'58" E., 227.29 FEET; THENCE S 00°16'20" E., 299.89 FEET; THENCE N 88°28'58" E., 50.01 FEET TO THE POINT OF ENDING.

TOGETHER WITH A 45 FOOT WIDE STRIP OF LAND LYING WEST AND SOUTH OF THE FOLLOWING DESCRIBED LINE:

COMMENCE AT THE NE CORNER OF ABOVE DESCRIBED EASEMENT, THENCE N $00^{\circ}22'22"$ W., 195 FEET; THENCE N $30^{\circ}55'18"$ W., 245.61 FEET TO THE POINT OF ENDING.

- 2. General description of improvement: construction of single family dwelling
- Owner information:
 - a. Name and address:

JACK RODNEY CRARY and LATASHA DONIELLE ROMINE, N/K/A LATASHA DONIELLE CRARY P.O. BOX 303, WELLBORN, FLORIDA 32094

- b. Interest in property: Fee Simple
- c. Name and Address of Fee Simple Titleholder (if other than owner):
- 4. Contractor: (Name and Address)
 B & B HOMES (NEW HOME BUILDERS, INC.)
 23883 CR 49, O'BRIEN, FLORIDA 32071
 Telephone Number:
- 5. Surety (if any):
 - a. Name and Address:
 Telephone Number:
 b. Amount of Bond \$
- Lender: (Name and Address)

USDA RURAL DEVELOPMENT
10094 US Hwy 129, Live Oak, Florida 32060
Telephone Number:

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)

8.	In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address) USDA RURAL DEVELOPMENT 10094 US Hwy 129, Live Oak, Florida 32060 Telephone Number:
9.	Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified)
JACK	Rodney CRARY (SEAL) LATASHA DONIELLE CRARY LATASHA DONIELLE CRARY
Notary	to and subscribed before me this 1st day of December, 2006, by JACK RODNEY CRARY and LATASHA CLLE ROMINE. N/K/A CRARY, who are personally known to me or who have produced diviced as identification. Public mmission Expires:
7	Inst:2006028717 Date:12/06/2006 Time:09:40DC,P.DeWitt Cason,Columbia County B:1104 P:123

Summary Energy Code Results

Residential Whole Building Performance Method A

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary Code Only Professional Version Climate: North

12/11/2006

Building Loads					
В	ase	As	s-Built		
Summer:	18107 points	Summer:	15800 points		
Winter:	11207 points	Winter:	11420 points		
Hot Water:	7273 points	Hot Water:	7273 points		
Total:	36587 points	Total:	34493 points		

Energy Use					
E	Base	As	s-Built		
Cooling:	7725 points	Cooling:	4680 points		
Heating:	7032 points	Heating:	5828 points		
Hot Water:	7905 points	Hot Water:	7905 points		
Total:	22661 points	Total:	18414 points_		

PASS e-Ratio: 0.81

EnergyGauge®(Version: FLRCPB v4.21)

B & B Homes

Project Name:

Address:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

B & B - Jack & Latasha Crary

Builder:

Permitting Office:

Permit Number:

City, State: , Owner: Jack & Climate Zone: North	Latasha Crary	Jurisdiction Number:	
 New construction or existing Single family or multi-family Number of units, if multi-fam Number of Bedrooms Is this a worst case? Conditioned floor area (fl²) Glass type ¹ and area: (Label a. U-factor: 	3	12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump b. N/A c. N/A 14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan. CV-Cross ventilation. HF-Whole house fan. PT-Programmable Thermostat. MZ-C-Multizone cooling. MZ-H-Multizone heating)	Cap: 30.0 kBtu hr SEER: 13.00 Cap: 30.0 kBtu hr HSPF: 7.70 Cap: 50.0 gallons EF: 0.92
a. Sup: Unc. Ret: Con. AH: In	Total as-built	MZ-C-Multizone cooling. MZ-H-Multizone heating)	

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

PREPARED BY: _

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

OWNER/AGENT: Y | GY

DATE: 12-20-06

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: __

ATE: _____

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 regts	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	
4 Action 1 Location		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	
Ownthining i colo a opas		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.	ļ
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically	
All Diourbation by the time	8	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.	
11104141011	,	Common ceiling & floors R-11.	1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT#:

BASE							AS	S-BUIL	T			
WATER HEA Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	Х	Tank X Ratio	Multiplier X	Credit Multiplie	= Total
3		2635.00		7905.0	50.0	0.92	3		1.00	2635.00	1.00	7905.0
					As-Built To	tal:						7905.0

CODE COMPLIANCE STATUS										
				4S -	BUILT					
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
7725	7032	7905	22661	4680		5828		7905		18414

PASS



WINTER CALCULATIONS

ADDRESS:,,,	PERMIT #:

	BASE		AS-BUILT
Winter Base	Points:	11207.4	Winter As-Built Points: 11420.0
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)
11207.4	0.6274	7031.5	(sys 1: Electric Heat Pump 30000 btuh ,EFF(7.7) Ducts:Unc(S),Con(R),Int(AH),R6.0 11420.0 1,000 (1.060 x 1.169 x 0.93) 0.443 1.000 5828.2 11420.0 1.00 1.152 0.443 1.000 5828.2

WINTER CALCULATIONS

ADDRESS.	PERMIT #:
ADDRESS:,,,	

BASE				AS-	BUI	LT				
GLASS TYPES .18 X Conditioned X BWPI Floor Area	M = Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	W	РМ Х	WOF	= Point
.18 1400.0 12.7	4 3210.5	Double, Clear	E	1.5	6.0	30.0		.79	1.04	583.8
		Double, Clear	E	1.5	6.0	30.0		.79	1.04	583.8 318.2
		Double, Clear	W	1.5	6.0	15.0 18.0		.73 .73	1.02	392.9
		Double, Clear	W	1.5	4.0	10.0	20	1.73	1.00	092.0
		As-Built Total:				93.0	-			1878.7
WALL TYPES Area X BV	VPM = Points	Туре		R-\	/alue	Area	Χ	WPN	=	Points
Adjacent 0.0	0.00 0.0	Frame, Wood, Exterior			11.0	1082.4		3.70		4004.7
	3,70 4004.7									
Base Total: 1082.4	4004.7	As-Built Total:				1082.4				4004.7
DOOR TYPES Area X BV	VPM = Points	Туре				Area	X	WPM	1 =	Points
Adjacent 0.0	0.00 0.0	Exterior Insulated				20.4		8.40		171.4
Adjaboni	8.40 559.8	Exterior Insulated				46.2		8.40		388.4
Base Total: 66.6	559.8	As-Built Total:				66.6			· · · · · · · · · · · · · · · · · · ·	559.8
CEILING TYPES Area X BV	VPM = Points	Туре	R	-Value	Ar	ea X W	PN	1 X WC	= M	Points
Under Attic 1400.0	2.05 2870.0	Under Attic			30.0	1400.0	2.0	5 X 1.00		2870.0
Base Total: 1400.0	2870.	As-Built Total:				1400.0				2870.0
FLOOR TYPES Area X BV	VPM = Points	Туре		R-'	√alue	Area	Х	WPN	1 =	Points
Slab 156.0(p)	8.9 1388.	Slab-On-Grade Edge Insulation	n		0.0	156.0(p		18.80		2932.8
	0.00 0.									
Base Total:	1388.	As-Built Total:				156.0				2932.8
INFILTRATION Area X BV	VPM = Point	6				Area	Х	WPN	A =	Points
1400.0	-0.59 -826.					1400	.0	-0.5	9	-826.0

SUMMER CALCULATIONS

ADDRESS:,,,	PERMIT #:
ADDITEO. 1,1,	

BASE			AS-BUILT						
Summer Ba	se Points:	18107.3	Summer As-Built Points: 15800.3						
Total Summer Points	X System Multiplier	= Cooling Points	Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)						
18107.3	0.4266	7724.6	(sys 1: Central Unit 30000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS) 15800 1.00 (1.08 x 1.147 x 0.91) 0.263 1.000 4680.5 15800.3 1.00 1.128 0.263 1.000 4680.5						

SUMMER CALCULATIONS

ADDRESS:,,,	PERMIT #:

BASE		AS-B	BUILT		
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	Type/SC O	Overhang rnt Len H	-lgt Area X	SPM X SO	
.18 1400.0 20.04 5050.1	Double, Clear		30.0	42.06 0.91	
	Double, Clear	_	6.0 30.0 6.0 15.0	42.06 0.91 38.52 0.91	
	Boubic, Olean		6.0 15.0 4.0 18.0	38.52 0.82	
	As-Built Total:		93.0		3398.3
WALL TYPES Area X BSPM = Point	Туре	R-Va	alue Area	X SPM =	Points
Adjacent 0.0 0.00 0. Exterior 1082.4 1.70 1840.		11	1.0 1082.4	1.70	1840.0
Base Total: 1082.4 1840	As-Built Total:		1082.4		1840.0
DOOR TYPES Area X BSPM = Point	Туре		Area	X SPM =	Points
Adjacent 0.0 0.00 0	0 Exterior Insulated		20.4	4.10	83.6
Exterior 66.6 4.10 273	2 Exterior Insulated		46.2	4.10	189.6
Base Total: 66.6 273	2 As-Built Total:		66.6		273.2
CEILING TYPES Area X BSPM = Point	s Туре	R-Value	Area X	SPM X SCM :	= Points
Under Attic 1400.0 1.73 2422	0 Under Attic	3	80.0 1400.0	1.73 X 1.00	2422.0
Base Total: 1400.0 2422	0 As-Built Total:		1400.0		2422.0
FLOOR TYPES Area X BSPM = Poin	s Туре	R-V	alue Area	a X SPM :	= Points
Slab 156.0(p) -37.0 -5772	0 Slab-On-Grade Edge Insulation		0.0 156.0(p	-41.20	-6427.2
	0				
Base Total: -5772	.0 As-Built Total:		156.0		-6427.2
INFILTRATION Area X BSPM = Poin	s		Are	a X SPM	= Points
1400.0 10.21 14294	.0		140	0.0 10.21	14294.0

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.7

The higher the score, the more efficient the home.

Jack & Latasha Crary, , , ,

1.	New construction or existing			New	_	12.	Cooling systems	
2.	Single family or multi-family		Sin	gle family		a.	Central Unit	Cap: 30.0 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	-			
6.	Conditioned floor area (ft²)			1400 ft²	_	c.	NA	-
7.	Glass type I and area: (Label reqd. by	y 13-104.	4.5 if not	default)				_
a	U-factor:		cription				Heating systems	
Ь	(or Single or Double DEFAULT) 7. SHGC:	a. (Dble	Default)	93.0 ft²	_	a.	Electric Heat Pump	Cap: 30.0 kBtu hr HSPF: 7.70
		7b.	(Clear)	93.0 ft²	-	ъ.	N/A	-
8.	Floor types						- 400	-
a	Slab-On-Grade Edge Insulation		R=0.0. I	56.0(p) ft	-	C.	N/A	
b	. N A				S 			=
c	N A				_		Hot water systems	G 50.0 II
9.	Wall types					a.	Electric Resistance	Cap: 50.0 gallons
a	Frame, Wood, Exterior		R=11.0.	1082.4 ft²	-			EF: 0.92
ь	. NA					b.	N/A	_
c	N/A				_			S-
d	. NA				-	c.	Conservation credits	
е	. N/A						(HR-Heat recovery, Solar	
10.	Ceiling types						DHP-Dedicated heat pump)	
a	. Under Attic		R=30.0.	$1400.0~\mathrm{fl^2}$		15.	HVAC credits	100
b	. N/A						(CF-Ceiling fan. CV-Cross ventilation.	
С	. N A						HF-Whole house fan.	
11.	Ducts						PT-Programmable Thermostat.	
a	. Sup: Unc. Ret: Con. AH: Interior		Sup. R=6	5.0, 55.0 ft			MZ-C-Multizone cooling.	
	. N A						MZ-H-Multizone heating)	

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: 17-70-06

Address of New Home: 386 5 W Bsemwc7 City/FL Zip: 6/26/24 32024

*NOTE: The home's estimated energy performance score is only available through the FL4 RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA DOE EnergyStar 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.

BUILDING INPUT SUMMARY REPORT

PROJECT		Title: B & B - Jack & Lata Owner: Jack & Latasha Cr # of Units: 1 Builder Name: B & B Homes Climate: North Permit Office: (blank) Jurisdiction #: (blank)		Family Type: New/Existing: Bedrooms: Conditioned Are Total Stories: Worst Case: Rotate Angle:	ea:	Single New 3 1400 1 No (blank)	Lot Sul Pla Str Co	bdivision: tbook: eet:	Street Address N/A N/A N/A (blank) (blank)	
FLOORS	#	Floor Type R- Slab-On-Grade Edge Insulation 0.0		neter Units 1	DOORS	1 2	Door Type Insulated Insulated	Orientation Exterior Exterior	Area 20.4 ft² 46.2 ft²	Units 1 1
CEILINGS	#	Ceiling Type R-Va Under Attic 30.0		ase Area Units 400.0 ft ² 1	COOLING	1 Cen	tem Type tral Unit tuitipliers: No	ne	SEER: 13.00	30.0 kBtu/hr
WALLS	# 1	11411 1. J.P.C	cation R-Val	Area Units 1082.4 ft² 1	HEATING	# Sys	tem Type otric Heat Pump fulttipliers: No		Efficiency COP: 7.70	Capacity 30.0 kBtu/hr
	# 1 2 3 4	Double Clear E 19 Double Clear W 19	a OH Length 5.0 ft ² 1.5 ft 5.0 ft ² 1.5 ft 5.0 ft ² 1.5 ft 9.0 ft ² 1.5 ft	OH Hght Units 6.0 ft 2 6.0 ft 2 6.0 ft 1 4.0 ft 2	DUCTS	1 Une	oply Return cation Location cond. Cond.	Interior	Supply R-Val 6.0	Supply Length 55.0 ft
					WATER	1 Ele	stem Type ctric Resistance		Conservation None	0.00
WINDOWS					REFR.		Jse Default? /es	Annual Opera N/A	N/A	tric Rate
MISC		• • • • • • • • • • • • • • • • • • • •	deOnlyPro D V 00.0 L n H	lass #: luct Leakage Typ isible Duct Disco eak Free Duct Sy IRV/ERV System gyGauge® (Ver	onned /sten Pres	n Propos ent?:	No			

Residential System Sizing Calculation

Summary

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version Climate: North

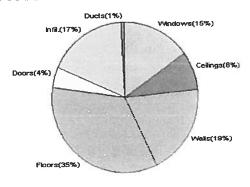
12/11/2006

Location for weather data: Tallahassee - Defaults: Latitude(30) Altitude(55 ft.) Temp Range(M)							
Humidity data: Interior RH (50%) Outdoor	wet bulb (76F) Humidity difference(46gr.)				
Winter design temperature	28		Summer design temperature	93	•		
Winter setpoint	70	F	Summer setpoint	75	F		
Winter temperature difference	42	F	Summer temperature difference	18	F		
Total heating load calculation	22322	Btuh	Total cooling load calculation	17690			
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh		
Total (Electric Heat Pump)		30000	Sensible (SHR = 0.75)	141.3	22500		
Heat Pump + Auxiliary(10.0kW)		64130	Latent	424.1	7500		
Heat Fullip + Auxiliary(10.0kW)	201.0	0,100	Total (Electric Heat Pump)	169.6	30000		

WINTER CALCULATIONS

Winter Heating Load (for 1400 sqft)

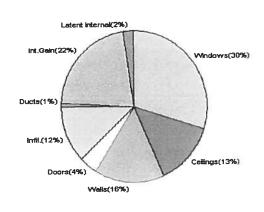
Load component			Load	
Window total	93	sqft	3398	Btuh
Wall total	1082	saft	4313	Btuh
Door total	67	sqft	980	Btuh
Ceiling total	1400	sqft	1873	Btuh
Floor total	156	saft	7731	Btuh
Infiltration	84	cfm	3874	Btuh
Duct loss			153	Btuh
Subtotal		!	22322	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			22322	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1400 sqft)

Load component			Load	
Window total	93	sqft	5287	Btuh
Wall total	1082	sqft	2783	Btuh
Door total	67	sqft	676	Btuh
Ceiling total	1400	sqft	2363	Btuh
Floor total			0	Btuh
Infiltration	43	cfm	849	Btuh
Internal gain			3860	Btuh
Duct gain			104	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			15921	Btuh
Latent gain(ducts)			28	Btuh
Latent gain(infiltration)			1341	Btuh
Latent gain(ventilation)	0	Btuh		
Latent gain(internal/occu	400	Btuh		
Total latent gain	1768	Btuh		
TOTAL HEAT GAIN			17690	Btuh



For Florida residences only

PREPARED BY: 12/1/86

Manual J Winter Calculations

Residential Load - Component Details (continued)
rary Project Title: Cod

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only Professional Version Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear (Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default) (HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Whole House Component Details Crary Project Title: Code

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only **Professional Version**

Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F

12/11/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	E	30.0	36.5	1096 Btuh
•	2. Clear, Metal, 0.87	Ē	30.0	36.5	1096 Btuh
2	2, Clear, Metal, 0.87	w	15.0	36.5	548 Btuh
- 3		W	18.0	36.5	658 Btuh
4	2, Clear, Metal, 0.87	VV	93(sqft)		3398 Btuh
VAI-II-	Window Total	R-Value	Area X	HTM=	Load
Walls	Type	11.0	1082	4.0	4313 Btuh
1	Frame - Wood - Ext(0.09)	11.0	1082		4313 Btuh
	Wall Total		Area X	HTM=	Load
Doors	Type		46	14.7	680 Btuh
1	Insulated - Exterior		20	14.7	300 Btuh
2	Insulated - Exterior		67	14.7	980Btuh
	Door Total	R-Value	Area X	HTM=	Load
Ceilings	Type/Color/Surface	30.0	1400	1.3	1873 Btuh
1	Vented Attic/D/Shin)	30.0	1400	1.0	1873Btuh
	Ceiling Total	R-Value	Size X	HTM=	Load
Floors	Туре	R-value 0	156.0 ft(p)	49.6	7731 Btuh
1	Slab On Grade	U	156.0 h(p)	40.0	7731 Btuh
	Floor Total		130		7,700
			Envelope St	ubtotal:	18294 Btuh
Infiltration	Туре	ACH X Vo	lume(cuft) walls(sq	ft) CFM=	
mmuanon	Natural	0.45	11200 1082	84.0	3874 Btuh
	Ivatural	0.10			
Ductload			(0	OLM of 0.007)	153 Btuh
All Zones		22322 Btuh			

WHOLE HOUSE TOTALS	

Subtotal Sensible	22322 Btuh
Ventilation Sensible	0 Btuh
Total Btuh Loss	22322 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary Code Only Professional Version Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear

(Frame types - metal, wood or insulated metal) (U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary

Code Only Professional Version

Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F

12/11/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2. Clear, Metal, 0.87	E	30.0	36.5	1096 Btuh
2	2, Clear, Metal, 0.87	E	30.0	36.5	1096 Btuh
2 3	2, Clear, Metal, 0.87	W	15.0	36.5	548 Btuh
4	2, Clear, Metal, 0.87	W	18.0	36.5	658 Btuh
•	Window Total		93(sqft)		3398 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	11.0	1082	4.0	4313 Btuh
•	Wall Total		1082		4313 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		46	14.7	680 Btuh
2	Insulated - Exterior		20	14.7	300 Btuh
_	Door Total		67		980Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1400	1.3	1873 Btuh
•	Ceiling Total		1400		<u>1873Btuh</u>
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	156.0 ft(p)	49.6	7731 Btuh
•	Floor Total		<u> 156 </u>		7731 Btuh
		Z	one Envelope Si	ubtotal:	18294 Btuh
Infiltration	Туре	ACH X Vol	ume(cuft) walls(sq	ft) CFM=	
111111111111111111111111111111111111111	Natural	0.45	11200 1082	84.0	3874 Btuh
Ductioad	Average sealed, Supply(R6	3.0-Attic), Retu	rn(R6.0-Cond) (D	DLM of 0.007)	153 Btuh
Zone #1		22322 Btuh			

WHOLE HOUSE TOTALS		
	Subtotal Sensible Ventilation Sensible Total Btuh Loss	22322 Btuh 0 Btuh 22322 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)
Project Title: Cod

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only **Professional Version** Climate: North

12/11/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	15818	Btuh
	Sensible Duct Load	104	Btuh
	Total Sensible Zone Loads	15921	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	15921	Btuh
Totals for Cooling	Latent infiltration gain (for 46 gr. humidity difference)	1341	Btuh
3	Latent ventilation gain	0	Btuh
	Latent duct gain	28	Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400	Btuh
	Latent other gain	0	Btuh
	Latent total gain	1768	Btuh
	TOTAL GAIN	17690	Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value) (BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary Code Only Professional Version

Climate: North

Reference City: Tallahassee (Defaults)

Summer Temperature Difference: 18.0 F

12/11/2006

Component Loads for Whole House

	Type*		Over	hang	Wine	dow Area	a(sqft)	H	ITM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2. Clear, 0.87, B-M, N,N	E	1.5ft.	6ft.	30.0	1.5	28.5	22	59	1712	Btuh
2	2, Clear, 0.87, B-M, N,N	Ε	1.5ft.	6ft.	30.0	1.5	28.5	22	59	1712	Btuh Btuh
3	2, Clear, 0.87, B-M, N,N	W	1.5ft.	6ft.	15.0	0.7	14.3	22	59 59	856 1006	
4	2, Clear, 0.87, B-M, N,N	W	1.5ft.	4ft.	18.0	1.5	16.5	22	59		
	Window Total				93 (9					5287	Diuii
Walls	Type		R-Va	ilue/U	l-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			11.0/	0.09	108	32.4		2.6	2783	
·	Wall Total					108	32 (sqft)			2783	Btuh
Doors	Type					Area	(sqft)		HTM	Load	
	Insulated - Exterior						5.2		10.1	469	Btuh
1 2	Insulated - Exterior					20	0.4		10.1	207	Btuh
2	Door Total					ϵ	37 (sqft)			676	Btuh
Ceilings	Type/Color/Surface		R-Va	alue			(sqft)		HTM	Load	
•	**			30.0			00.0		1.7	2363	Btuh
1	Vented Attic/DarkShingle			30.0			00 (sqft)			2363	Btuh
	Ceiling Total		R-Va	duo			ze		HTM	Load	
Floors	Туре		r-va						0.0	0	Btuh
1	Slab On Grade			0.0			56 (ft(p))		0.0	_	Btuh
	Floor Total					156	.0 (sqft)			U	Dluii
						E	nvelope	Subtota	al:	11109	Btuh
Infiltration	Type		A	CH	Volun	ne(cuft)	wall are	a(sqft)	CFM=	Load 849	Btuh
	SensibleNatural			0.23		11200	1082		84.0		Diuii
Internal			Occu	pants			ccupant		Appliance	Load	D
gain				2		X 23			3400	3860	
Duct load							(DG	M of 0.0	007)	104	Btuh
						Se	nsible L	oad All	Zones	15921	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)
Project Title:

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only **Professional Version** Climate: North

12/11/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones Sensible Duct Load	15818 104	Btuh Btuh
	Total Sensible Zone Loads	15921	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	15921	Btuh
Totals for Cooling	Latent infiltration gain (for 46 gr. humidity difference)	1341	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	28	Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400	Btuh
	Latent other gain	0	Btuh
	Latent total gain	1768	Btuh
	TOTAL GAIN	17690	Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

a Crary

Project Title:

Code C

Jack & Latasha Crary

B & B - Jack & Latasha Crary

Code Only Professional Version

Climate: North

Reference City: Tallahassee (Defaults)

Summer Temperature Difference: 18.0 F

12/11/2006

Component Loads for Zone #1: Main

							Sensil	ole Zon	e Load	15921	Btuh
Duct load	Average sealed, Supp	ly(R6.0	-Attic)	, Reti	ırn(R6.	0-Cond)		(DGM	of 0.007)	104	Btuh
Internal gain			Occu	2		X 23	0 +		3400	3860	
	SensibleNatural		Occin	0.23			ccupant		Appliance	Load	Ottail
Infiltration	, , ,		P	CH	Volun	ne(cuft)	wall are	a(sqft)	CFM= 42.9	Load 849	Btuh
						Z	one Env	elope S	subtotal:	11109	Btuh
•	Floor Total					156.	.0 (sqft)			0	Btuh
1	Slab On Grade			0.0		15	56 (ft(p))		0.0	0	
Floors	Type		R-Va	alue			ze		нтм	Load	
1	Vented Attic/DarkShingle Ceiling Total			30.0			0.0 (sqft)			2363	
Ceilings	Type/Color/Surface		R-Va	30.0		Area(sqft) 1400.0			1.7		Btuh
	Door Total		D 1/4	-lo			7 (sqft)		нтм	Load	Diuii
2	Insulated - Exterior).4		10.1	207 676	Btuh Btuh
1	Insulated - Exterior						5.2		10.1	469	Btuh
Doors	Type					Area			НТМ	Load	
1	Frame - Wood - Ext Wall Total			11.0/	0.09		2.4 2 (sqft)		2.0	2783	
Walls	Туре		R-Va		-Value	Area			2.6		Btuh
	Window Total		D \/	1 - 11	93 (9		(noff)		нтм	Load	Dluii
4	2, Clear, 0.87, B-M, N,N	W	1.5ft.	4ft.	18.0	1.5	16.5	22	59	1006 5287	
2	2, Clear, 0.87, B-M, N,N	w	1.5ft.	6ft.	15.0	0.7	14.3	22	59	856	Btuh
1	2, Clear, 0.87, B-M, N,N 2, Clear, 0.87, B-M, N,N	E	1.5ft. 1.5ft.	6ft. 6ft.	30.0 30.0	1.5	28.5 28.5	22	59	1712	Btuh
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded 1.5	Unshaded 28.5	Shaded 22	Unshaded 59	1712	Bhilh
	Type*		Over	hang	Wind	dow Area			ITM	Load	

Residential Window Diversity

MidSummer

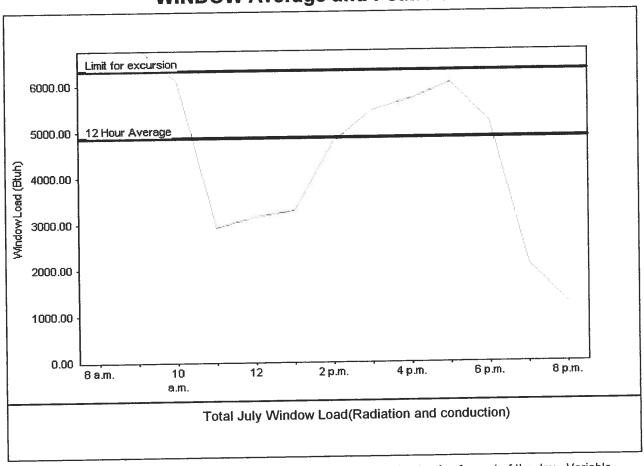
Jack & Latasha Crary

Project Title: B & B - Jack & Latasha Crary Code Only Professional Version Climate: North

12/11/2006

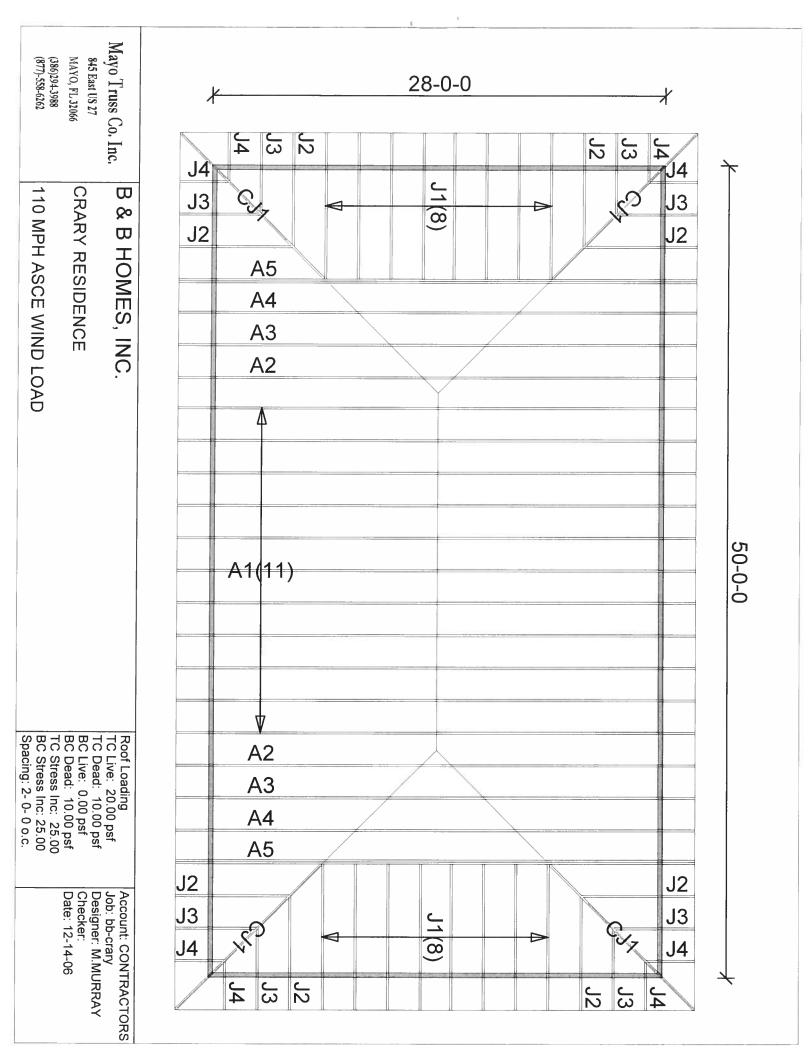
Weather data for: Tallahassee - De	faults		
Summer design temperature	93 F	Average window load for July	4867 Btuh
Summer setpoint	75 F	Peak window load for July	6860 Btuh
Summer temperature difference	18 F	Excusion limit(130% of Ave.)	6327 Btuh
Latitude	30 North	Window excursion (July)	533 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® FLRCPB v4.21



Permit Number:	Lot Number:	
Miscellaneous:	Address:	
The information in this box is for admi-	nistrative purposes only and is not part of the	engineering review

Truss Fabricator: Mayo Truss Company, Inc.

Job Reference:bb-crary - CRARY

Engineering Index Sheet

Index Page 1 of 1

Job Number 12/12/2006

ROBBINS

T06121047

ENGINEERING, INC.

Date

P.O. Box 280055

Tampa, FL 33682-0055

Phone (813) 972-1135

FBC - 2004 Chapter 16 and 23

Specification Quantity

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Sofware - Online Plus)

ANSVASCE 7-02 Wind Speed - 110 MPH Mean Roof Ht - 15 FT Exposure Catergory - B Occupancy Factor - 1.00 C and C Enclosed

Standard Loading:
T C Live 20 psf
T C Dead 10 psf
B C Live 0 psf
B C Dead 10 psf

40 psf

Total

Index Page 1 of 1

Notes: Refer to individual truss design drawings for special loading conditions.

	Date	Iviark
1	12/12/06	A1
5	12/12/06	A5
9	12/12/06	J3

	Date	Mark
2	12/12/06	A2
6	12/12/06	CJ1
10	12/12/06	J4

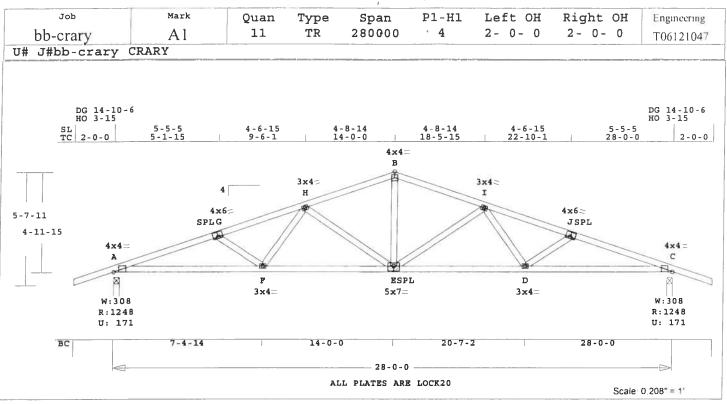
	Date	IVIAIR
3	12/12/06	A3
77	12/12/06	J1

	Date	IVIAIN
4	12/12/06	A4
8	12/12/06	J2

Truss Design Engineer: Philip J. O'Regan License # 58126 Address P O Box 280055, Tampa, FL 33682



Date Sealed 12/12/2006



Robbins Engineering, Inc./Online Plus' APPROX. TRUSS WEIGHT: 169.1 LBS Soffit psf 2.0 Design checked for 10 psf non-G-F 0.04 306 C Online Plus -- Version 20.0.011 F -H 0.06 407 T concurrent LL on BC. RUN DATE: 12-DEC-06 H-E 0.23 614 C Wind Loads - ANSI / ASCE 7-02 E-B 0.15 849 T Truss is designed as CSI -Size- ----Lumber----E -I 0.23 614 C Components and Claddings* TC 0.30 2x 4SP-#2 I -D 0.06 407 T for Exterior zone location. SP-#2 0.04 306 C BC 0.56 2x 4D -J Wind Speed: Mean Roof Height: 15-0 0.23 2x 4 SP-#2 TL Defl -0.30" in E -D L/999 Exposure Category: LL Defl -0.14" in E -D L/999 Occupancy Factor : 1.00 Brace truss as follows: From To Shear // Grain in G -H 0.17 O.C. Building Type: Enclosed 0- 0- 0 28- 0- 0 5.0 psf TC Cont. TC Dead Load: Plates for each ply each face. BC Dead Load: 0- 0- 0 28- 0- 0 BC Cont. PLATING CONFORMS TO TPI. Max comp. force 2758 Lbs (psf) Live Dead REPORTS: SBCCI 9761 Loading Quality Control Factor 1.25 ROBBINS ENGINEERING, INC. 10.0 TC 20.0 BASED ON SP LUMBER ВC 0.0 10.0 40.0 USING GROSS AREA TEST. 20.0 20.0 Total 24.0" Plate - LOCK 20 Ga, Gross Area Spacing Lumber Duration Factor 1.25 Plate - RHS 20 Ga, Gross Area Jt Type Plt Size X Y Plate Duration Factor 1.25 JSI TC Fb=1.15 Fc=1.10 Ft=1.10 Α LOCK 4.0x 4.0 Ctr 0.1 0.95 4.0x 6.0-0.3 1.0 0.66 BC Fb=1.10 Fc=1.10 Ft=1.10 G LOCK LOCK 3.0x 4.0 Ctr Ctr 0.57 4.0x 4.0 Ctr Ctr 0.79 В LOCK Plus 9 Wind Load Case(s) I LOCK 3.0x 4.0 Ctr Ctr 0.57 Plus 1 UBC LL Load Case(s) J LOCK 4.0x 6.0 0.3 1.0 0.66 C LOCK 4.0x 4.0 Ctr 0.1 0.95 React Uplft Size Req'd LOCK 3.0x 4.0 Ctr Ctr 0.51 5.0x 7.0 Ctr-0.5 0.67 Lbs Lbs In-Sx In-Sx E LOCK 3 - 8 1-8 LOCK 3.0x 4.0 Ctr Ctr 0.51 Α 1248 Hz = -60 C 1248 172 3 - 8 1-8 Hz = 61 REVIEWED BY: Robbins Engineering, Inc. Membr CSI P Lbs Axl-CSI-Bnd PO Box 280055 Tampa, FL 33682 -----Top Chords-----2758 C 0.17 0.10 A -G 0.27 0.15 0.15 REFER TO ROBBINS ENG. GENERAL G - H 0.30 2491 C -B 0.26 1759 C 0.11 0.15 NOTES AND SYMBOLS SHEET FOR 1759 C ADDITIONAL SPECIFICATIONS. 0.15 В - I 0.26 0.11 -J 0.30 2492 C 0.15 0.15 2758 C 0.17 0.10 NOTES: - C 0.27 ıΤ ---Bottom Chords----Trusses Manufactured by: 0.56 2618 T 0.43 0.13 Mayo Truss Co. Inc. A -F

Analysis Conforms To:

FBC2004

OH Loading

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682

110 mph

5.0 psf

В



0.13

0.13

0.13

0.36

0.36

F - E

E -D

D - C 0.49

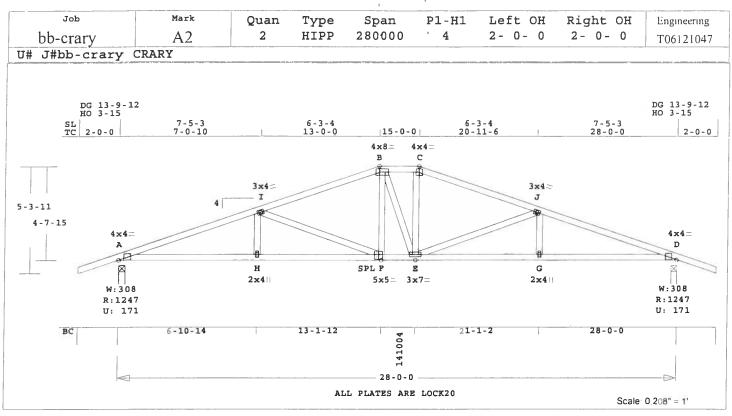
0.49

0.56

2168 T

2168 T

2618 T 0.43



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.0 LBS G-D 0.58 2539 T 0.42 0.16 FBC2004 -----Webs-----OH Loading Online Plus -- Version 20.0.011 H -I 0.04 269 T Soffit psf 2.0 I -F 816 C RUN DATE: 12-DEC-06 0.44 Design checked for 10 psf non-F-B 0.06 361 T concurrent LL on BC. B-E 0.01 71 C CSI -Size- ----Lumber----Wind Loads - ANSI / ASCE 7-02 TC 0.44 2x 4 SP-#2 E-C 0.06 346 T Truss is designed as 2x 4 SP-#2 E-J 0.44 817 C BC 0.58 Components and Claddings* 0.44 2x 4SP-#2 G -J 0.04 267 T WB for Exterior zone location. 110 mph Wind Speed: L/999 Brace truss as follows: TL Defl -0.30" in H -F Mean Roof Height: 15-0 To LL Defl -0.14" in F -E Exposure Category: o.c. From L/999 0- 0- 0 28- 0- 0 Shear // Grain in A -I TC Cont. 0.25 Occupancy Factor : 1.00 0- 0- 0 28- 0- 0 BC Cont. Building Type: Enclosed Plates for each ply each face. TC Dead Load: 5.0 psf (psf) Live Dead PLATING CONFORMS TO TPI. BC Dead Load: 5.0 psf TC 20.0 10.0 REPORTS: SBCCI 9761 2670 Lbs Max comp. force BC 0.0 10.0 ROBBINS ENGINEERING, INC. Quality Control Factor 1.25 Total 20.0 20.0 40.0 BASED ON SP LUMBER 24.0" USING GROSS AREA TEST. Spacing Lumber Duration Factor 1.25 Plate - LOCK 20 Ga, Gross Area Plate - RHS 20 Ga, Gross Area Plate Duration Factor 1.25 Jt Type Plt Size X TC Fb=1.15 Fc=1.10 Ft=1.10 Y JSI BC Fb=1.10 Fc = 1.10Ft=1.10 LOCK 4.0x 4.0 Ctr 0.1 0.92 A 3.0x 4.0 Ctr Ctr 0.63 I LOCK LOCK 4.0x 8.0 Ctr Ctr 1.00 Plus 9 Wind Load Case(s) C LOCK 4.0x 4.0 Ctr Ctr 1.00 1 UBC LL Load Case(s) J LOCK 3.0x 4.0 Ctr Ctr 0.63 4.0x 4.0 Ctr 0.1 0.92 D LOCK React Uplft Size Req'd н LOCK 2.0x 4.0 Ctr Ctr 0.40 Lbs Lbs In-Sx In-Sx F LOCK 5.0x 5.0 Ctr-0.5 0.67 Truss Design Engineer: Philip J. O'Regan 1-8 3-8 3.0x 7.0 Ctr Ctr 0.60 License #: 58126 Address P.O. Box 280055, Tampa, FL 33682 A 1248 172 E LOCK Hz =-55 LOCK 2.0x 4.0 Ctr Ctr 0.40 1248 172 3 - 8 1-8 D Hz =56 REVIEWED BY:

Robbins Engineering, Inc.

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Trusses Manufactured by: Mayo Truss Co. Inc.

Analysis Conforms To:

PO Box 280055

Tampa, FL 33682

No. 58126

No. 58126

ORID

ONAL ENGINEERS

0.10 0.34

0.27

0.10

0.36

0.34

0.16

0.10

0.08

0.10

NOTES:

0.11

0.12

0.02

0.42

0.42

0.29

0.42

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----

2670 C

1875 C

1773 C

1875 C

--Bottom Chords---

2539 T

2539 T

1766 T

2539 T

2670 C 0.10

0.44

0.38

0.22

0.38

0.44

0.58

0.52

0.37

0.52

A -I

I -B

A -H

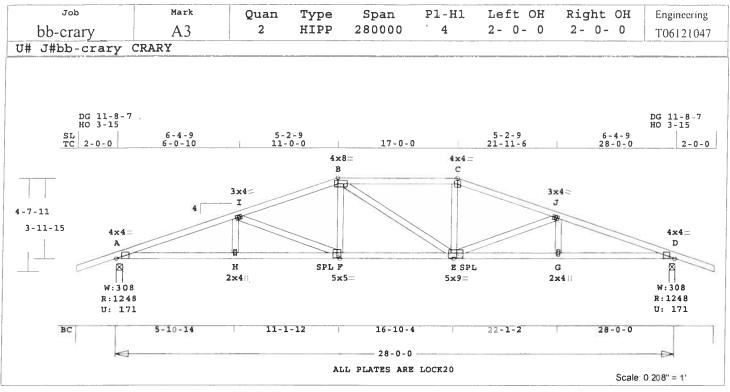
C -J

J -D

H-F

F - E

- C



```
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 167.7 LBS
                                   A-H
                                          0.55
                                                2585 T
                                                         0.43
                                                                0.12
                                                                       REFER TO ROBBINS ENG. GENERAL
                                   H-F
                                          0.51
                                                 2585 T
                                                         0.43
                                                                0.08
                                                                       NOTES AND SYMBOLS SHEET FOR
Online Plus -- Version 20.0.011 F
                                     - E
                                          0.42
                                                 2013 T
                                                         0.33
                                                                0.09
                                                                       ADDITIONAL SPECIFICATIONS.
RUN DATE: 12-DEC-06
                                   E
                                     -G
                                          0.52
                                                 2587
                                                      T
                                                         0.43
                                                                0.09
                                   G
                                     -D
                                          0.55
                                                 2587 T
                                                         0.43
                                                                0.12
                                                                      NOTES:
      CSI -Size-
                  ----Lumber----
                                                 -Webs--
                                                                       Trusses Manufactured by:
TC
     0.38
           2x 4
                  SP-#2
                                   H -I
                                          0.03
                                                  208 T
                                                                         Mayo Truss Co. Inc.
BC
     0.55
           2x 4
                  SP-#2
                                   I -F
                                          0.23
                                                  601 C
                                                                       Analysis Conforms To:
                                   F-B
WB
    0.23
           2x 4
                  SP-#2
                                          0.06
                                                  379 T
                                                                        FBC2004
                                   B-E
                                          0.03
                                                   64 C
                                                                      OH Loading
Brace truss as follows:
                                   E -C
                                          0.06
                                                  379 T
                                                                        Soffit psf 2.0
      0.C.
                From
                           To
                                   E-J
                                          0.23
                                                  604 C
                                                                      Design checked for 10 psf non-
               0- 0- 0 28- 0- 0
                                   G -J
                                          0.03
                                                  205 T
 TC Cont.
                                                                        concurrent LL on BC.
               0-0-028-0-0
 BC Cont.
                                                                      Wind Loads - ANSI / ASCE 7-02
                                            -0.31" in F -E
                                   TL Defl
                                                              L/999
                                                                      Truss is designed as
Loading
           Live
                   Dead
                          (psf)
                                   LL Defl -0.14" in F -E
                                                              L/999
                                                                        Components and Claddings*
TC
           20.0
                   10.0
                                   Shear // Grain in B -C
                                                                0.21
                                                                        for Exterior zone location.
                   10.0
BC
            0.0
                                                                        Wind Speed:
                                                                                               110 mph
           20.0
                   20.0
                          40.0
Total
                                   Plates for each ply each face.
                                                                        Mean Roof Height:
Spacing
                          24.0"
                                   PLATING CONFORMS TO TPI.
                                                                        Exposure Category:
                          1.25
                                   REPORTS: SBCCI 9761
Lumber Duration Factor
                                                                        Occupancy Factor : 1.00
Plate Duration Factor
                          1.25
                                   ROBBINS ENGINEERING, INC.
                                                                        Building Type: Enclosed
TC Fb=1.15 Fc=1.10
                      Ft=1.10
                                   BASED ON SP LUMBER
                                                                        TC Dead Load:
                                                                                               5.0 psf
                                   USING GROSS AREA TEST.
BC Fb=1.10
            Fc = 1.10
                       Ft=1.10
                                                                        BC Dead Load:
                                                                                               5.0 psf
                                   Plate - LOCK 20 Ga, Gross Area
                                                                      Max comp. force
                                                                                            2725 Lbs
                                   Plate - RHS 20 Ga, Gross Area
                                                                      Quality Control Factor 1.25
Plus
      9 Wind Load Case(s)
                                   Jt Type
                                            Plt Size X
                                                            Y
Plus
      1 UBC LL Load Case(s)
                                      LOCK
                                            4.0x 4.0 Ctr 0.1 0.94
                                                                            Truss Design Engineer: Philip J. O'Regan
License #, 58126
Address: P.O. Box 280055, Tampa, FL 33682
                                            3.0x 4.0 Ctr Ctr 0.63
                                   т
                                      LOCK
   React Uplft Size Req'd
                                      LOCK
                                             4.0x 8.0 Ctr Ctr 1.00
Jt
                                   В
      Lbs
            Lbs In-Sx In-Sx
                                   C
                                      LOCK
                                             4.0x 4.0 Ctr Ctr 1.00
A
     1248
             172
                  3 - 8
                        1-8
                                   J
                                      LOCK
                                            3.0x 4.0 Ctr Ctr 0.63
                  Hz =
                          -47
                                   D
                                      LOCK
                                            4.0x 4.0 Ctr 0.1 0.94
                         1-8
```

2.0x 4.0 Ctr Ctr 0.40

5.0x 5.0 Ctr-0.5 0.67

5.0x 9.0-0.5-0.5 0.67

2.0x 4.0 Ctr Ctr 0.40



0.17

0.34

0.17

0.17

48

0.16 0.17

LOCK

LOCK

LOCK

LOCK

REVIEWED BY:

PO Box 280055

Tampa, FL 33682

Robbins Engineering, Inc.

Ε

G

3 - 8

Hz =

P Lbs Axl-CSI-Bnd

0.12

0.04

0.12

0.16

-Top Chords-----

2724 C

2130 C

2022 C

2130 C

2725 C

-----Bottom Chords-----

1248

- I

-J

B -C

Ι - B

С

J -D CSI

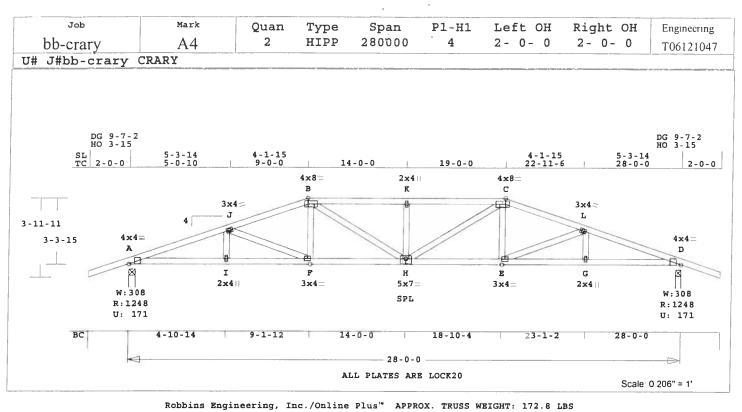
0.33

0.29

0.38

0.29

0.33



G-D 0.53 2628 T 0.44 0.09 Online Plus -- Version 20.0.011 I -J 0.02 152 T RUN DATE: 12-DEC-06 J-F 0.10 413 C F -B 0.04 301 T CSI -Size-----Lumber-B -H 0.07 402 T TC 2x 4 SP-#2 H - K 0.04 0.27 323 C 0.07 2x 4SP-#2 H -C 402 T 0.53 0.10 2×4 SP-#2 E -C 0.04 301 T E -L 0.10 413 C Brace truss as follows: G -L 0.02 152 T O.C. From To TL Defl -0.33" in H -E LL Defl -0.16" in H -E TC Cont. 0- 0- 0 28- 0- 0 L/984 0- 0- 0 28- 0- 0 BC Cont. L/999 Shear // Grain in B -K 0.21 Loading Live Dead (psf) TC 20.0 10.0 Plates for each ply each face. 0.0 10.0 PLATING CONFORMS TO TPI. BC Total 20.0 20.0 40.0 REPORTS: SBCCI 9761 Spacing 24.0" ROBBINS ENGINEERING, INC. 1.25 BASED ON SP LUMBER Lumber Duration Factor USING GROSS AREA TEST. Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 Plate - LOCK 20 Ga, Gross Area BC Fb=1.10 Fc = 1.10Plate - RHS 20 Ga, Gross Area Ft=1.10 Jt Type Plt Size X Y JSI LOCK 4.0x 4.0 Ctr 0.1 0.96 9 Wind Load Case(s) Plus J LOCK 3.0x 4.0 Ctr Ctr 0.63 1 UBC LL Load Case(s) LOCK Plus В 4.0x 8.0 Ctr Ctr 1.00 LOCK 2.0x 4.0 Ctr Ctr 0.40 React Uplft Size Req'd C LOCK Jt. 4.0x 8.0 Ctr Ctr 1.00 Lbs Lbs In-Sx In-Sx L LOCK 3.0x 4.0 Ctr Ctr 0.63 1248 172 3 - 8 1-8 LOCK 4.0x 4.0 Ctr 0.1 0.96 A D Hz =-38 Т LOCK 2.0x 4.0 Ctr Ctr 0.40 D 1248 172 3 - 8 1 - 8 F LOCK 3.0x 4.0 Ctr Ctr 0.60 Hz =39 Η LOCK 5.0x 7.0 Ctr-0.5 0.67 E LOCK 3.0x 4.0 Ctr Ctr 0.60 Membr CSI P Lbs Axl-CSI-Bnd LOCK G 2.0x 4.0 Ctr Ctr 0.40 -----Top Chords-----2773 C A -J 0.26 0.15 0.11 0.26 2359 C 0.14 0.12 REVIEWED BY: В 2578 C 0.04 0.23 Robbins Engineering, Inc. - K 0.27 K - C 0.27 2578 C 0.04 0.23 PO Box 280055 C -L 0.26 2359 C 0.14 0.12 Tampa, FL 33682 2773 C -D 0.26 0.16 0.10 --Bottom Chords---REFER TO ROBBINS ENG. GENERAL A -I 0.53 2628 T 0.44 0.09 NOTES AND SYMBOLS SHEET FOR - F 0.52 2628 T 0.44 0.08 ADDITIONAL SPECIFICATIONS. 2233 T 0.37 F - H 0.43 0.06 Н - E 0.43 2233 T 0.37 0.06 NOTES:

Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading Soffit psf 2.0 Design checked for 10 psf nonconcurrent LL on BC. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf BC Dead Load: 5.0 psf Max comp. force 2773 Lbs Quality Control Factor 1.25

> Truss Design Engineer: Philip J. O'Regan License #, 58126 Address: P.O. Box 280055, Tampa, FL 33682



0.08

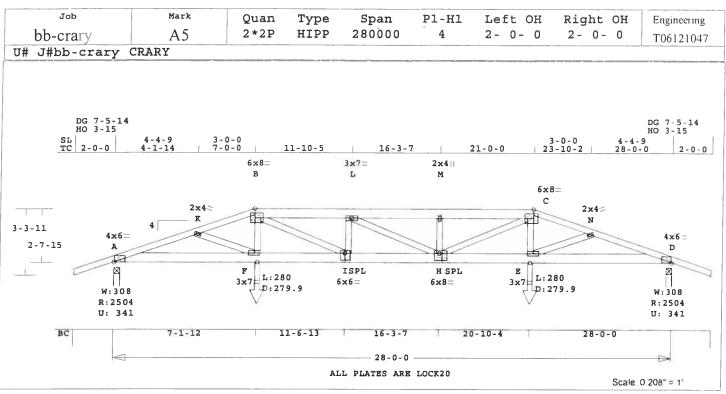
Trusses Manufactured by:

0.44

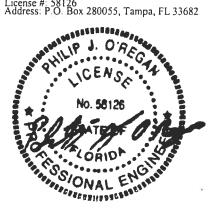
0.52

- G

2628 T



Robbins Engineering, Inc./Online Plus APPROX. TRUSS WEIGHT: 206.6 LBS N -D 0.27 6657 C 0.09 0.18 Girder Ster Girder Step Down Hip -----Bottom Chords----Framing King Jacks Online Plus -- Version 20.0.011 0.57 6299 T A -F 0.42 Jack Open Faced: 7- 0- 0 RUN DATE: 12-DEC-06 F-I 0.53 6302 T 0.42 0.11 Setback ********** I -H 0.63 8383 T 0.56 0.07 2 COMPLETE TRUSSES REQUIRED. * 2-Ply Truss * H -E 0.53 6302 T 0.42 0.11 Fasten together in staggered E -D 0.57 6299 T 0.42 0.15 pattern. (1/2" bolts -OR--Webs-----SDS3 screws -OR- 10d nails K-F 0.01 CSI -Size-----Lumber----136 T as each layer is applied.) F -B 0.37 2x 4 SP-#2 0.06 701 T ---- Spacing (In) ---2x 6 SP-#2 EX B -C B -I 0.20 2273 T Nails Rows Screws Bolts 0.63 2x 6 SP-#2 0.03 TC 1 12 24 0 0.20 2x 4 SP-#2 L -H 0.00 38 T 2 BC 12 24 0 H -M 0.03 675 C WB 1 8 8 Brace truss as follows: H -C 0.20 2266 T Plus clusters of nails where E -C 0.C. From To 0-0-0 28-0-0 0.06 702 T shown. TC Cont. E-N 0.01 OH Loading 135 T 0- 0- 0 28- 0- 0 BC Cont. Soffit psf 2.0 TL Defl -0.44" in I -H L/754 LL Defl -0.22" in I -H L/999 Shear // Grain in B -L 0.15 Design checked for 10 psf non-Loading Live Dead (psf) concurrent LL on BC. TC 20.0 10.0 Prevent truss rotation at all BC 0.0 10.0 bearing locations. Wind Loads - ANSI / ASCE 7-02 Plates for each ply each face. PLATING CONFORMS TO TPI. Total 20.0 20.0 40.0 24.0" Spacing Truss is designed as Lumber Duration Factor Plate Duration Factor REPORTS: SBCCI 9761 1.25 Components and Claddings* 1.25 ROBBINS ENGINEERING, INC. for Exterior zone location. TC Fb=1.00 Fc=1.00 Ft=1.00 BC Fb=1.00 Fc=1.00 Ft=1.00 Ft=1.00 BASED ON SP LUMBER 110 mph Wind Speed: USING GROSS AREA TEST. Mean Roof Height: 15-0 Plate - LOCK 20 Ga, Gross Area Plate - RHS 20 Ga, Gross Area Exposure Category: B Occupancy Factor : 1.00 Load Case # 1 Girder Loading 1.25 Jt Type Plt Size X Y JSI A LOCK 4.0x 6.0 3.2 1.8 1.00 Building Type: Enclosed TC Dead Load: 5.0 Lumber Duration Factor 5.0 psf 1.25 Plate Duration Factor LOCK 2.0x 4.0 Ctr Ctr 0.40 6.0x 8.0-0.5 Ctr 1.00 plf - Live Dead From To BC Dead Load: 5.0 psf TC v 40 20 0.0 28.0 LOCK В Max comp. force 8382 Lbs 3.0x 7.0 Ctr Ctr 0.44 BC V 0 20 0.0' 28.01 LOCK Quality Control Factor 1.25 7.0' TC 50 25 21.0 LOCK 2.0x 4.0 Ctr Ctr 0.40 BC V 0 25 7.1' 20.91 LOCK 6.0x 8.0 0.5 Ctr 1.00 v 280 280 7.1' CL-LB N LOCK 2.0x 4.0 Ctr Ctr 0.40 BC Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682 BC V 280 280 20.91 CL-LB D LOCK 4.0x 6.0-3.2 1.8 1.00 F LOCK 3.0x 7.0 Ctr Ctr 0.47 I LOCK 6.0x 6.0 Ctr-1.2 0.73 9 Wind Load Case(s) Plus Ħ LOCK 6.0x 8.0-1.0-1.2 0.73 LOCK 3.0x 7.0 Ctr Ctr 0.47 1 UBC LL Load Case(s) Plus React Uplft Size Req'd Jt



Membr CSI P Lbs Ax1-CSI-Bnd ---Top Chords----0.27 6657 C 0.09 - K К -В 0.37 6641 C 0.09 0.28 В 8382 C 0.19 0.08 0.27 0.24 8377 C 8377 C 0.19 0.05 - M М -C 0.27 0.19 0.08 6642 C 0.09 0.37 0.28

341

341

Lbs In-Sx In-Sx

1- 8 -28

1-8

29

3 - 8

Hz =

3 - B

Hz =

Lbs

2504

2504

D

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To:

Robbins Engineering, Inc.

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

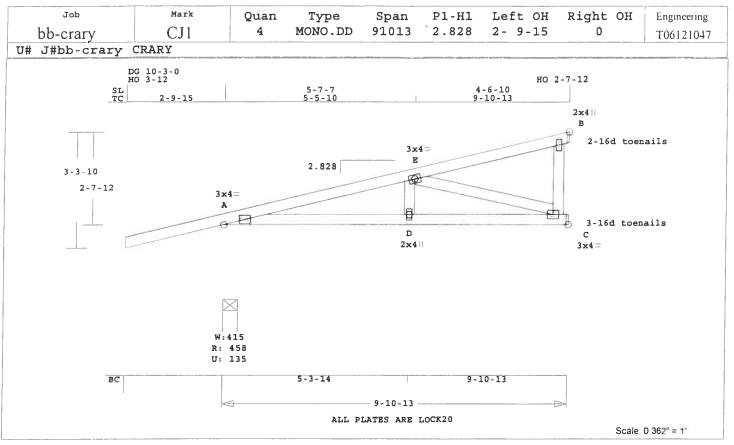
ADDITIONAL SPECIFICATIONS.

REVIEWED BY:

FBC2004

PO Box 280055

Tampa, FL 33682



Online Plus -- Version 20.0.011 RUN DATE: 12-DEC-06 CSI -Size- ----Lumber----2x 4 SP-#2 TC 0.33 2x 4 SP-#2 BC 0.29 0.22 2x 4SP-#2 Brace truss as follows: To 0.C. From 0 - 0 - 0 9-10-13 TC Cont. 0-0-0 9-10-13 BC Cont. Loading Live Dead (psf) 10.0 20.0 TC BC 0.0 10.0 20.0 20.0 40.0 Total Spacing 24.0" Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.00 Fc=1.00 Ft=1.00 BC Fb=1.00 Fc=1.00 Ft=1.00 Load Case # 1 Girder Loading Lumber Duration Factor 1.25 Plate Duration Factor 1.25 Live Dead From To plf -9.9' TC V 40 20 0.0' BC V 0 20 0.0' 9.91 TC V -40 -20 0.0' 9.91 45 22 BC V 0 -20 0.04 9.91 0 22

Plus 8 Wind Load Case(s) 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs In-Sx In-Sx Lbs 458 136 4-15 1-8 A 45 Hz =1-8 C 350 14 1- 8 В 234 95 1- 8 1-8 86 Hz =

Robbins Engineering, Inc./Online Plus APPROX. TRUSS WEIGHT: 57.0 LBS
Membr CSI P Lbs Axl-CSI-Bnd Trusses Manu -----Top Chords-----879 C 0.06 0.23 52 T 0.00 0.33 A -E 0.29 E -B 0.33 -----Bottom Chords-----A -D 0.23 867 T 0.10 0.13 867 T 0.10 0.19 D-C 0.29 -----Webs-----D-E 0.03 232 T E -C 0.22 904 C C -B 0.02 0 T WindLd

TL Defl -0.05" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in E -B 0.27

Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER USING GROSS AREA TEST. Plate - LOCK 20 Ga, Gross Area Plate - RHS 20 Ga, Gross Area Jt Type Plt Size X Y A LOCK 3.0x 4.0 Ctr Ctr JSI 3.0x 4.0 Ctr Ctr 0.70 3.0x 4.0 Ctr Ctr 0.48 LOCK 2.0x 4.0 Ctr Ctr 0.38 LOCK B D LOCK 2.0x 4.0 Ctr Ctr 0.38 C LOCK 3.0x 4.0 Ctr Ctr 0.57

REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

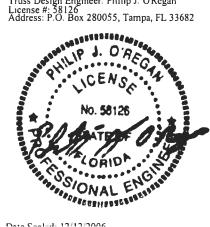
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

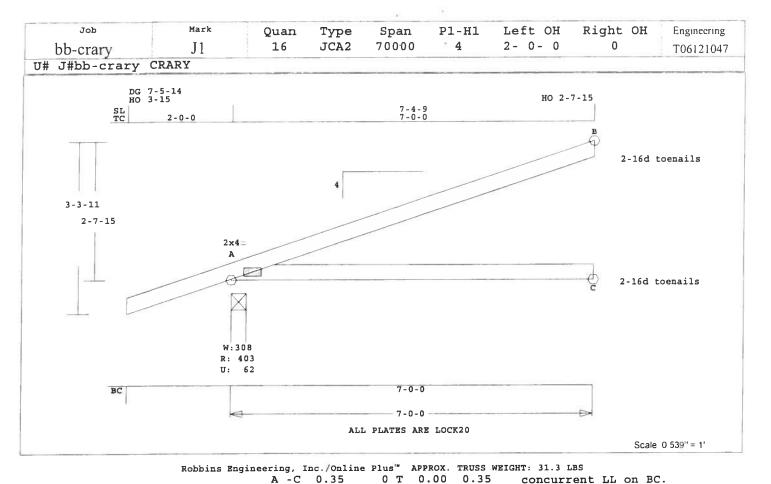
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:

Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 Girder King Jack Loading TC and BC Setback 7- 0- 0 OH Loading Soffit psf 2.0 Design checked for 10 psf nonconcurrent LL on BC. Use properly rated hangers for loads framing into girder truss. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: B Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf 5.0 psf BC Dead Load: Max comp. force 904 Lbs Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682





Online Plus -- Version 20.0.011 TL Defl -0.17" in A -C L/440 LL Defl -0.07" in A -C RUN DATE: 12-DEC-06 Shear // Grain in A -B

CSI -Size- ----Lumber----0.47 2x 4 SP-#2 TC 0.35 2x 4 SP-#2

Brace truss as follows: From To O.C. 0-0-0 7-0-0 TC Cont. 0-0-0 7- 0- 0 BC Cont.

(psf) Live Dead Loading TC 20.0 10.0 10.0 BC 0.0 Total 20.0 20.0 40.0 24.0" Spacing Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs In-Sx In-Sx Lbs 404 62 3 - 8 1-8 Α 70 Hz =C 130 0 3 - 8 1-8 В 195 70 3 - 8 1-8 Hz =48

Membr CSI P Lbs Ax1-CSI-Bnd -----Top Chords-----102 C 0.00 0.47 A -B 0.47 -----Bottom Chords----- L/999 0.25

Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER USING GROSS AREA TEST. Plate - LOCK 20 Ga, Gross Area Max comp. force Plate - RHS 20 Ga, Gross Area Jt Type Plt Size X Y JSI A LOCK 2.0x 4.0 Ctr Ctr 0.78

REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading

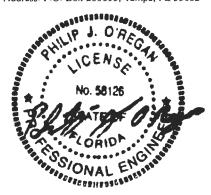
Soffit psf 2.0 Design checked for 10 psf non-

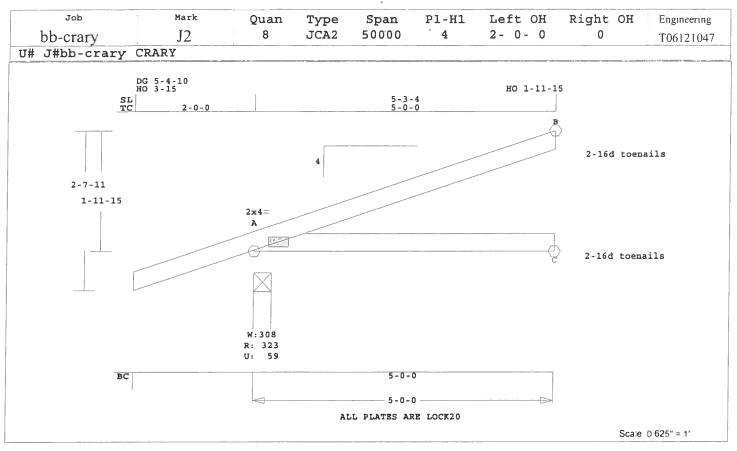
concurrent LL on BC. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: В Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf BC Dead Load: 5.0 psf

Quality Control Factor 1.25

Truss Design Engineer. Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682

102 Lbs





Robbins Engineering, Inc./Online Plus APPROX. TRUSS WEIGHT: 23.6 LBS 0 T 0.00 0.21 A -C 0.21 concurrent LL on BC.

Online Plus -- Version 20.0.011 TL Defl -0.04" in A -C L/999 RUN DATE: 12-DEC-06

CSI -Size- ----Lumber----TC 0.26 2x 4 SP-#2 0.21 2x 4 SP-#2

Brace truss as follows: From To TC Cont. BC Cont.

Dead Loading Live (psf) TC 20.0 10.0 10.0 ВÇ 0.0 20.0 20.0 Total 40.0 Spacing 24.0" Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs Lbs In-Sx In-Sx 324 59 3-8 1-8 50 Hz =3-8 1-8 92 0 С 3-8 1-8 141 50 В Hz = 34

Membr CSI P Lbs Axl-CSI-Bnd ----- OH Loading A -B 0.26 84 C 0.00 0.26 ------Bottom Chords------ Design checked for 10 psf non-

LL Defl -0.02" in A -C L/999 Shear // Grain in A -B 0.20

Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER 0- 0- 0 5- 0- 0 USING GROSS AREA TEST. 0- 0- 0 5- 0- 0 Plate - LOCK 20 Ga, Gross Area Max comp. force Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25 Jt Type Plt Size X Y JSI A LOCK 2.0x 4.0 Ctr Ctr 0.74

> REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

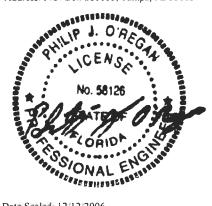
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

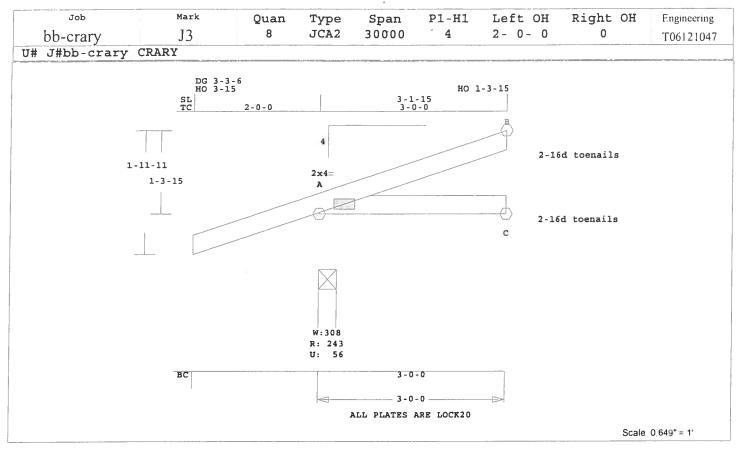
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 Soffit psf 2.0

Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf BC Dead Load: 5.0 psf 84 Lbs

> Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 15.8 LBS 0 T 0.00 0.08 A -C 0.08

Online Plus -- Version 20.0.011 TL Defl RUN DATE: 12-DEC-06 LL Defl

CSI -Size- ----Lumber----0.08 2x 4 SP-#2 0.08 2x 4 SP-#2

Brace truss as follows: O.C. From To TC Cont. 0-0-0 3-0-0 BC Cont.

Loading Live Dead (psf) 10.0 TC 20.0 0.0 10.0 BC 20.0 20.0 40.0 Total Spacing 24.0" Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs In-Sx In-Sx Lbs 243 56 3-8 1-8 Hz = 29 0 3 - 8 1-8 C 54 87 31 3 - 8 1-8 R Hz =20

Membr CSI P Lbs Axl-CSI-Bnd -----Top Chords-----A -B 0.08 53 C 0.00 0.08 -----Bottom Chords-----

0.00" in A -C L/999 0.00" in A -C L/999 Shear // Grain in A -B 0.11

Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER 0- 0- 0 3- 0- 0 USING GROSS AREA TEST. Plate - LOCK 20 Ga, Gross Area Max comp. force Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25 Jt Type Plt Size X Y JSI A LOCK 2.0x 4.0 Ctr Ctr 0.73

> REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

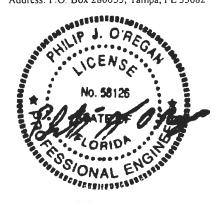
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

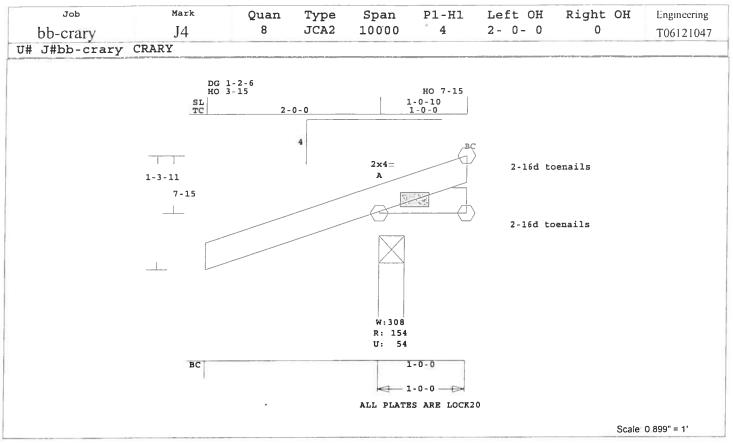
NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading

Soffit psf 2.0 Design checked for 10 psf non-

concurrent LL on BC. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: Occupancy Factor : 1.00 Building Type: Enclosed 5.0 psf TC Dead Load: BC Dead Load: 5.0 psf 53 Lbs

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.0 LBS 0.00" in A -C L/999 Truss is designed as TL Defl LL Defl 0.00" in A -C L/999 Online Plus -- Version 20.0.011 Shear // Grain in B -B 0.01 RUN DATE: 12-DEC-06 Plates for each ply each face. CSI -Size- ----Lumber----PLATING CONFORMS TO TPI. 0.00 2x 4 SP-#2 REPORTS: SBCCI 9761 0.00 2x 4 SP-#2

ROBBINS ENGINEERING, INC. BASED ON SP LUMBER USING GROSS AREA TEST. Plate - LOCK 20 Ga, Gross Area Max comp. force 1- 0- 0 Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25 Jt Type Plt Size X Y JSI A LOCK 2.0x 4.0 Ctr Ctr 0.73

20.0 10.0 REVIEWED BY: 0.0 10.0 Robbins Engineering, Inc. 40.0 20.0 20.0 24.0" PO Box 280055 Tampa, FL 33682

> REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

> For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading Soffit psf 2.0 Design checked for 10 psf nonconcurrent LL on BC. Wind Loads - ANSI / ASCE 7-02

7 - 000 0000 1 - 00 0 004 Farings - Faring 42/42/2005 2 05 44 EM Page 4

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682

Components and Claddings*

Mean Roof Height: 15-0

Occupancy Factor : 1.00

Building Type: Enclosed

Exposure Category:

Wind Speed:

TC Dead Load:

BC Dead Load:

for Exterior zone location.

110 mph

5.0 psf

3 Lbs



BC

Brace truss as follows: To From 0.C. 0-0-0 TC Cont. 1- 0- 0 BC Cont. 0-0-0

(psf) Dead Loading Live TC BC Total Spacing Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs In-Sx In-Sx Lbs 54 3-8 1-8 155 A 6 1-8 1-8 C 44 В 5 2 1-8 1-8

Membr CSI P Lbs Axl-CSI-Bnd -----Top Chords-----A -B 0.00 5 T -----Bottom Chords----A -C 0.00 0 T

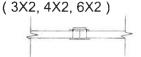
ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108)

FLOOR TRUSS SPLICE



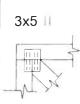
(W) = Wide Face Plate(N) = Narrow Face Plate

LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.



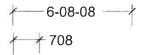
PLATE SIZE AND ORIENTATION



The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).



W = Actual Bearing Width (IN-SX) R = Reaction (lbs.) U = Uplift (lbs.)

BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted. The attached design drawings were prepared in accordance with "National Design Specifications for Wood Construction" (AF & PA)," National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and " dominoing ". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



6904 Parke East Blvd.
Tampa, Fl 33610-4115
Talk 843,073,1135 Fox: 813,071

Tel: 813-972-1135 Fax: 813-971-6117

www.robbinseng.com

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.

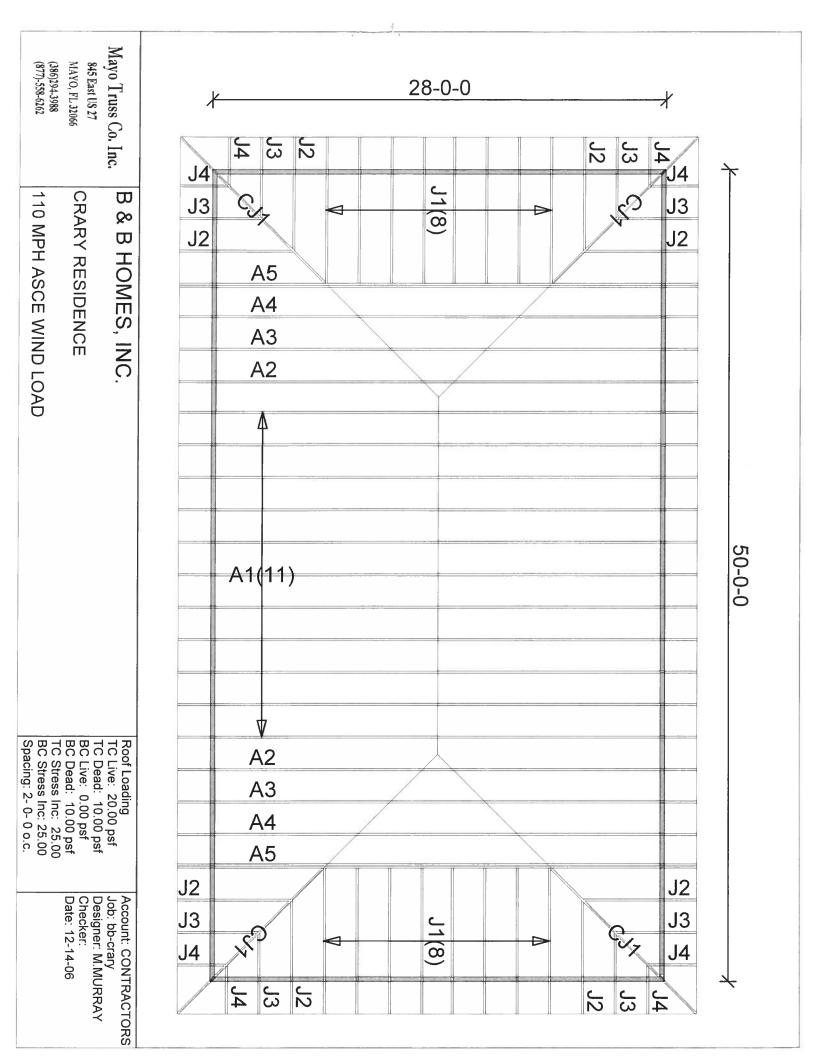
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	RELIABUILT		FL18
A. SWINGING	RELIABUILT		
B. SLIDING			
C. SECTIONAL			
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS	CAPITOL		
A. SINGLE HUNG	CAPITOL		FL675
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED			FL681
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	VINYL		FL406
B. SOFFITS	CAMERON ASHLEY	-	FL406
C. EIFS	0/1112/1011/1011221		
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE		-	
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	CERTAINTEED	-	FL250
B. UNDERLAYMENTS	GA PAC		FL1250
C. ROOFING FASTENERS	SENCO		FL2271
D. NON-STRUCTURAL	JENOO		1 66611
METAL ROOFING			
E. WOOD SHINGLES AND			
SHAKES			
F. ROOFING TILES			1.0
G. ROOFING INSULATION			
H. WATERPROOFING		-	
I. BUILT UP ROOFING			
ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF			
IV. CHACLE I ET IVOCI	I	1	1

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES			
COATINGS			
N. LIQUID APPLIED			
ROOF SYSTEMS			
O. ROOF TILE ADHESIVE	(24) 42		
P. SPRAY APPLIED			
POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			- N. P. (1999)
B. OTHER			
7. STRUCTURAL			
COMPONENTS			
A. WOOD CONNECTORS/	SIMPSON		FL402
ANCHORS			
B. TRUSS PLATES	ROBBINS		FL2934
C. ENGINEERED LUMBER			
D. RAILING	1000		
E. COOLERS-FREEZERS			
F. CONCRETE			
ADMIXTURES	5. 11-11-1		
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A.			
			- All Add About Ab

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) the 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.

APPLICANT SIGNATURE

DATE



Lot Number:	Permit Number:
Address:	Miscellaneous:
Address:	

ANSI/ASCE 7-02 Wind Speed - 110 MPH Mean Roof Ht. - 15 FT

Exposure Catergory - B Occupancy Factor - 1.00

Index Page 1 of 1

 Standard Loading:

 T C Live
 20 psf

 T C Dead
 10 psf

 B C Live
 0 psf

 B C Dead
 10 psf

 B C Dead
 10 psf
 Total 40 psf

Truss Fabricator: Mayo Truss Company, Inc.

Job Reference:bb-crary - CRARY

ROBBINS ENGINEERING, INC.

P.O. Box 280055 Tampa, FL 33682-0055 Phone (813) 972-1135

Engineering Index Sheet

Index Page 1 of 1

Date Job Number 12/12/2006 T06121047

FBC - 2004 Chapter 16 and 23

Specification Quantity

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Sofware - Online Plus)

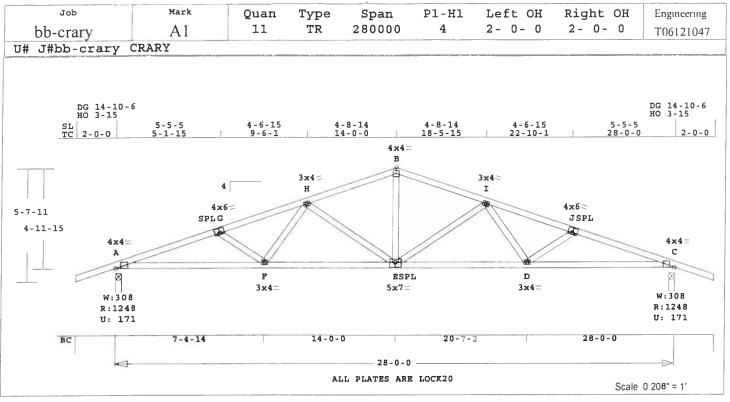
Enclosed Notes: Refer to individual truss design drawings for special loading conditions.

	Date Mark	Date	Mark	Date	Mark		Date	Mark
1	12/12/06 A1	2 12/12/06	A2	3 12/12/06	A3	4	12/12/06	A4
5	12/12/06 A5	6 12/12/06	CJ1	7 12/12/06	J1	. 8	12/12/06	J2
9	12/12/06 J3	10 12/12/06	J4					

Truss Design Engineer, Philip J. O'Regan License # 58126 Address P.O. Box 280055, Tampa, FL 33682



Date Sealed 12/12/2006



Robbins Engineering, Inc./Online Plus' APPROX. TRUSS WEIGHT: 169.1 LBS -----Webs-----Soffit psf 2.0 G-F 0.04 306 C Design checked for 10 psf non-Online Plus -- Version 20.0.011 F -H 0.06 407 T concurrent LL on BC. RUN DATE: 12-DEC-06 H - E 0.23 614 C 0.15 849 T E -B Truss is designed as CSI -Size- ----Lumber----E -I 0.23 614 C 2x 4 SP-#2 T -D 0.06 407 T ጥሮ 0.30 2x 4 SP-#2 0.56 D-J 0.04 306 C Wind Speed: SP-#2 0.23 2x 4TL Defl -0.30" in E -D L/999 LL Defl -0.14" in E -D L/999 Brace truss as follows: Shear // Grain in G -H To From 0.17 o.c. TC Cont. 0- 0- 0 28- 0- 0 TC Dead Load: 0- 0- 0 28- 0- 0 BC Dead Load: BC Cont. Plates for each ply each face. PLATING CONFORMS TO TPI. Max comp. force REPORTS: SBCCI 9761 Loading Live Dead (psf) 20.0 10.0 ROBBINS ENGINEERING, INC. TC 10.0 BASED ON SP LUMBER BC 0.0 USING GROSS AREA TEST. Total 20.0 20.0 40.0 Spacing 24.0" Plate - LOCK 20 Ga, Gross Area Plate - RHS 20 Ga, Gross Area Lumber Duration Factor 1.25 Jt Type Plt Size X Y Plate Duration Factor 1.25 LOCK 4.0x 4.0 Ctr 0.1 0.95 TC Fb=1.15 Fc=1.10 Ft=1.10 Α BC Fb=1.10 Fc=1.10 Ft=1.10 G LOCK 4.0x 6.0-0.3 1.0 0.66 Η LOCK 3.0x 4.0 Ctr Ctr 0.57 4.0x 4.0 Ctr Ctr 0.79 В LOCK 9 Wind Load Case(s) Τ LOCK 3.0x 4.0 Ctr Ctr 0.57 Plus 4.0x 6.0 0.3 1.0 0.66 Plus 1 UBC LL Load Case(s) J LOCK LOCK 4.0x 4.0 Ctr 0.1 0.95 React Uplft Size Req'd F LOCK 3.0x 4.0 Ctr Ctr 0.51 Jt Lbs In-Sx In-Sx Ε LOCK 5.0x 7.0 Ctr-0.5 0.67 Lbs 172 3-8 1-8 LOCK 3.0x 4.0 Ctr Ctr 0.51 A 1248 Hz =-60 1248 172 3 - 8 1-8 C REVIEWED BY: Hz = 61 Robbins Engineering, Inc. Membr CSI P Lbs Axl-CSI-Bnd PO Box 280055 Tampa, FL 33682 ------Top Chords-----0.17 0.10 A -G 0.27 2758 C 2491 C 0.15 0.15 REFER TO ROBBINS ENG. GENERAL G -H 0.30 0.15 NOTES AND SYMBOLS SHEET FOR 1759 C 0.11 H -B 0.26 1759 C 0.11 0.15 ADDITIONAL SPECIFICATIONS. - I 0.26 0.15 0.15 0.30 2492 C T -J 0.27 2758 C 0.17 0.10 NOTES: J -C -----Bottom Chords----Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

0.43

0.36

0.36

0.43

0.13 0.13

0.13

0.13

A-F

-C

F - E

0.56

0.49

0.56

E-D 0.49

2618 T

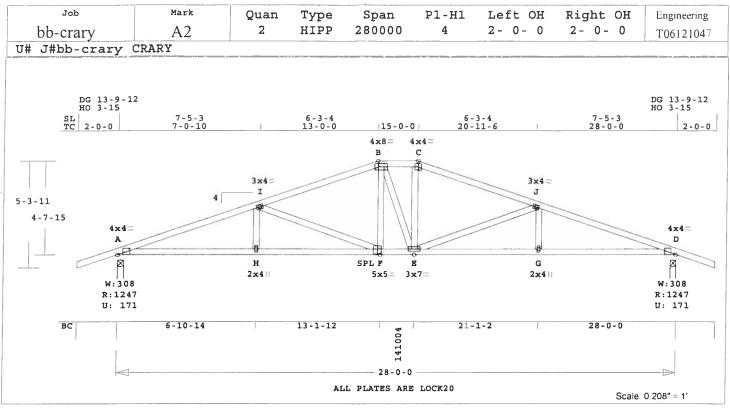
2168 T

2168 T

2618 T

Wind Loads - ANSI / ASCE 7-02 Components and Claddings* for Exterior zone location. 110 mph Mean Roof Height: 15-0 Exposure Category: B Occupancy Factor : 1.00 Building Type: Enclosed 5.0 psf 5.0 psf 2758 Lbs Quality Control Factor 1.25





Robbins Engineering, Inc./Online Plus' APPROX. TRUSS WEIGHT: 172.0 LBS G-D 0.58 2539 T 0.42 0.16 FBC2004 OH Loading Online Plus -- Version 20.0.011 H -I 0.04 269 T Soffit psf 2.0 RUN DATE: 12-DEC-06 I -F 0.44 816 C Design checked for 10 psf non-F-B 0.06 361 T concurrent LL on BC. CSI -Size- ----Lumber----B -E 71 C 0.01 Wind Loads - ANSI / ASCE 7-02 2x 4 SP-#2 E -C TC 0.44 0.06 346 T Truss is designed as 2x 4 E -J SP-#2 0.44 817 C Components and Claddings* 0.58 267 T SP-#2 0.04 0.44 2x 4 G -J for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Brace truss as follows: TL Defl -0.30" in H -F L/999 LL Defl -0.14" in F -E L/999 0.C. From To Exposure Category: B 0- 0- 0 28- 0- 0 Shear // Grain in A -I Occupancy Factor : 1.00 Building Type: Enclosed TC Cont. 0.25 0- 0- 0 28- 0- 0 BC Cont. 5.0 psf Plates for each ply each face. TC Dead Load: Loading PLATING CONFORMS TO TPI. Live Dead (psf) BC Dead Load: 5.0 psf TC 20.0 10.0 REPORTS: SBCCI 9761 Max comp. force 2670 Lbs 0.0 10.0 ROBBINS ENGINEERING, INC. BC Quality Control Factor 1.25 40.0 Total 20.0 20.0 BASED ON SP LUMBER USING GROSS AREA TEST. Spacing 24.0" Lumber Duration Factor 1.25 Plate - LOCK 20 Ga, Gross Area Plate Duration Factor 1.25 Plate - RHS 20 Ga, Gross Area TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10 Jt Type Plt Size X Y Α LOCK 4.0x 4.0 Ctr 0.1 0.92 3.0x 4.0 Ctr Ctr 0.63 Ι LOCK 4.0x 8.0 Ctr Ctr 1.00 В LOCK Plus 9 Wind Load Case(s) 4.0x 4.0 Ctr Ctr 1.00 C LOCK 1 UBC LL Load Case(s) 3.0x 4.0 Ctr Ctr 0.63 LOCK Plus J D LOCK 4.0x 4.0 Ctr 0.1 0.92 2.0x 4.0 Ctr Ctr 0.40 LOCK Jt React Uplft Size Reg'd Н Lbs Lbs In-Sx In-Sx F LOCK 5.0x 5.0 Ctr-0.5 0.67 1248 172 3-8 1-8 E LOCK 3.0x 7.0 Ctr Ctr 0.60 Α Hz =-55 2.0x 4.0 Ctr Ctr 0.40 LOCK D 1248 172 3~ 8 1-8 Hz = 56 REVIEWED BY: Robbins Engineering, Inc. Membr CSI P Lbs Axl-CSI-Bnd -----Top Chords-----PO Box 280055 A -I 0.44 2670 C 0.10 0.34 Tampa, FL 33682 0.38 1875 C 0.11 0.27 REFER TO ROBBINS ENG. GENERAL В - C 0.22 1773 C 0.12 0.10

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

C - J

J-D

A -H

H -F

F -E

0.38

0.44

0.58

0.52

0.37

E -G 0.52

1875 C

2539 T

2539 T

1766 T

------Bottom Chords----

2670 C 0.10

2539 T 0.42

0.02

0.42

0.42

0.29

0.36

0.34

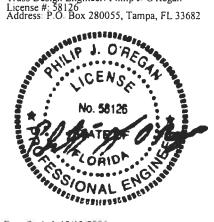
0.16

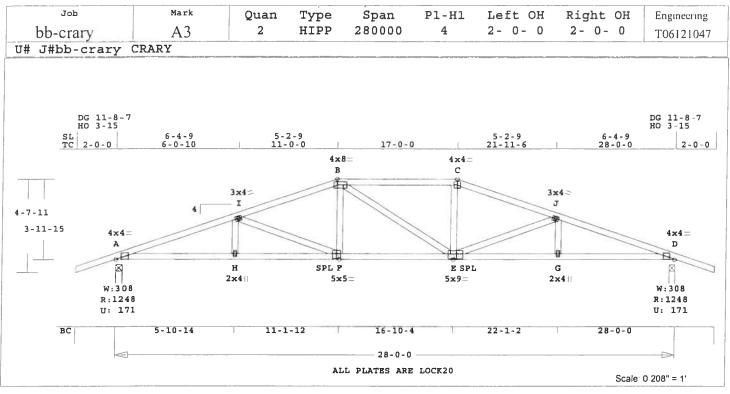
0.10

0.08

0.10

NOTES:





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 167.7 LBS 2585 T A -H 0.55 0.43 0.12 REFER TO ROBBINS ENG. GENERAL H-F 0.08 0.51 2585 T 0.43 NOTES AND SYMBOLS SHEET FOR Online Plus -- Version 20.0.011 F -E 0.42 2013 T 0.33 0.09 ADDITIONAL SPECIFICATIONS. RUN DATE: 12-DEC-06 E-G 0.52 2587 T 0.43 0.09 G -D 0.55 2587 T 0.43 0.12 NOTES: Trusses Manufactured by: CSI -Size- ----Lumber-----Webs--SP-#2 H -I 0.03 208 T 2×4 Mayo Truss Co. Inc. 0.55 2x 4 SP-#2 I -F 0.23 601 C Analysis Conforms To: 379 T 0.23 2×4 SP-#2 F-B 0.06 FBC2004 B -E 0.03 64 C OH Loading Brace truss as follows: E -C 0.06 379 T Soffit psf 2.0 E -J 604 C O.C. From To 0.23 Design checked for 10 psf non-G -J 0.03 0- 0- 0 28- 0- 0 205 T TC Cont. concurrent LL on BC. BC Cont. 0-0-028-0-0 Wind Loads - ANSI / ASCE 7-02 TL Defl -0.31" in F -E L/999 Truss is designed as -0.14" in F -E L/999 Loading Live Dead (psf) LL Defl Components and Claddings* 20.0 10.0 Shear // Grain in B -C TC for Exterior zone location. BC 0.0 10.0 Wind Speed: 110 mph Total 20.0 20.0 40.0 Plates for each ply each face. Mean Roof Height: 15-0 24.0" PLATING CONFORMS TO TPI. Spacing Exposure Category: Lumber Duration Factor 1.25 REPORTS: SBCCI 9761 Occupancy Factor : 1.00 ROBBINS ENGINEERING, INC. Plate Duration Factor 1.25 Building Type: Enclosed TC Fb=1.15 Fc=1.10 Ft=1.10 BASED ON SP LUMBER TC Dead Load: 5.0 psf BC Fb=1.10 Fc=1.10 Ft=1.10 USING GROSS AREA TEST. BC Dead Load: 5.0 psf Plate - LOCK 20 Ga, Gross Area 2725 Lbs Max comp. force Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25 Plus 9 Wind Load Case(s) Jt Type Plt Size X Y 1 UBC LL Load Case(s) LOCK 4.0x 4.0 Ctr 0.1 0.94 Truss Design Engineer: Philip J. O'Regan Т LOCK 3.0x 4.0 Ctr Ctr 0.63 React Uplft Size Req'd В LOCK 4.0x 8.0 Ctr Ctr 1.00 Jt С Lbs Lbs In-Sx In-Sx LOCK 4.0x 4.0 Ctr Ctr 1.00

3.0x 4.0 Ctr Ctr 0.63

4.0x 4.0 Ctr 0.1 0.94

2.0x 4.0 Ctr Ctr 0.40

5.0x 5.0 Ctr-0.5 0.67 5.0x 9.0-0.5-0.5 0.67

2.0x 4.0 Ctr Ctr 0.40

LOCK

LOCK

LOCK

LOCK

LOCK

LOCK

REVIEWED BY:

PO Box 280055

Tampa, FL 33682

Robbins Engineering, Inc.

J

D

H

E

G

1-8

-47

1-8

0.17

0.34

0.17

172 3-8

172

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----

2130 C

2022 C

2130 C

2725 C

-----Bottom Chords-----

Hz =

3 - 8

2724 C 0.16 0.17

0.12

0.04

0.12

0.16 0.17

Ηz

1248

1248

0.33

0.29

0.38

0.29 J -D 0.33

A

D

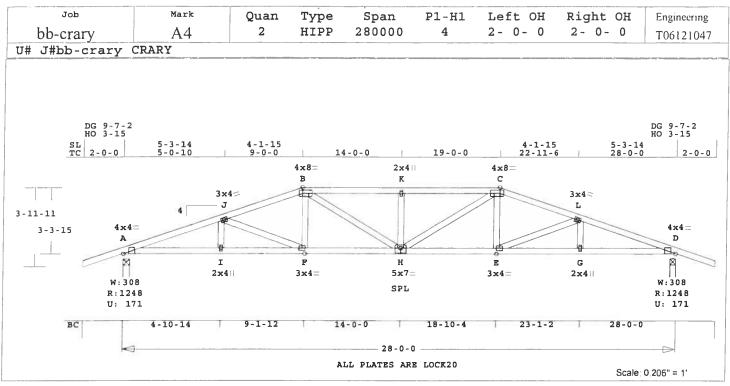
I -B

B -C

C -J

License #158126 Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.8 LBS G-D 0.53 2628 T 0.44 0.09 Mayo Truss Co. Inc. Analysis Conforms To: Online Plus -- Version 20.0.011 I -J 0.02 152 T FBC2004 J-F RUN DATE: 12-DEC-06 413 C 0.10 OH Loading F-B 0.04 301 T Soffit psf 2.0 0.07 CSI -Size- ----Lumber----B-H 402 T Design checked for 10 psf non-TC 0.27 2x 4 SP-#2 H-K 0.04 323 C concurrent LL on BC. BC 0.53 2×4 SP-#2 H -C 0.07 402 T Wind Loads - ANSI / ASCE 7-02 0.10 2x 4SP-#2 E -C 0.04 301 T Truss is designed as E-L 0.10 413 C Components and Claddings* Brace truss as follows: G -L 0.02 152 T for Exterior zone location. To o.c. From Wind Speed: TL Defl -0.33" in H -E L/984 LL Defl -0.16" in H -E L/999 Shear // Grain in B -K 0.21 0- 0- 0 28- 0- 0 TC Cont. Mean Roof Height: 15-0 BC Cont. 0- 0- 0 28- 0- 0 Exposure Category: Occupancy Factor : 1.00 Loading Live Dead (psf) Building Type: Enclosed 20.0 10.0 Plates for each ply each face. TC TC Dead Load: BC 0.0 10.0 PLATING CONFORMS TO TPI. BC Dead Load: 20.0 20.0 40.0 REPORTS: SBCCI 9761 Total Max comp. force 2773 Lbs Spacing 24.0" ROBBINS ENGINEERING, INC. Quality Control Factor 1.25 1.25 BASED ON SP LUMBER Lumber Duration Factor USING GROSS AREA TEST. 1.25 Plate Duration Factor TC Fb=1.15 Fc=1.10 Ft=1.10 Plate - LOCK 20 Ga, Gross Area Plate - RHS 20 Ga, Gross Area Jt Type Plt Size X Y JSI BC Fb=1.10 Fc=1.10 Ft=1.10 LOCK 4.0x 4.0 Ctr 0.1 0.96 Plus 9 Wind Load Case(s) ·T LOCK 3.0x 4.0 Ctr Ctr 0.63 1 UBC LL Load Case(s) В LOCK 4.0x 8.0 Ctr Ctr 1.00 K LOCK 2.0x 4.0 Ctr Ctr 0.40 React Uplft Size Req'd LOCK 4.0x 8.0 Ctr Ctr 1.00 Lbs In-Sx In-Sx L LOCK 3.0x 4.0 Ctr Ctr 0.63 Lbs A 1248 172 3 - 8 1 - 8 D LOCK 4.0x 4.0 Ctr 0.1 0.96 -38 Hz =LOCK 2.0x 4.0 Ctr Ctr 0.40 3 - 8 D 1248 172 1-8 F LOCK 3.0x 4.0 Ctr Ctr 0.60 Hz =Н 39 LOCK 5.0x 7.0 Ctr-0.5 0.67 LOCK E 3.0x 4.0 Ctr Ctr 0.60 Membr CSI P Lbs Axl-CSI-Bnd LOCK 2.0x 4.0 Ctr Ctr 0.40 -----Top Chords-----0.26 2773 C 0.15 0.11 2359 C 0.12 REVIEWED BY: J - B 0.26 0.14 - K 0.27 2578 C 0.04 0.23 Robbins Engineering, Inc. K -C 0.27 2578 C 0.04 0.23 PO Box 280055 -L

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Trusses Manufactured by:

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682

110 mph

5.0 psf

5.0 psf

В



0.12

0.10

0.09

0.08

0.06

0.06

0.08

NOTES:

0.14

0.16

0.44

0.44

0.37

0.37

0.44

C

-D

A -I

I -F

F-H

H -E

0.26

0.26

0.53

0.52

0.43

0.43

E -G 0.52

2359 C

2773 C

--Bottom Chords----

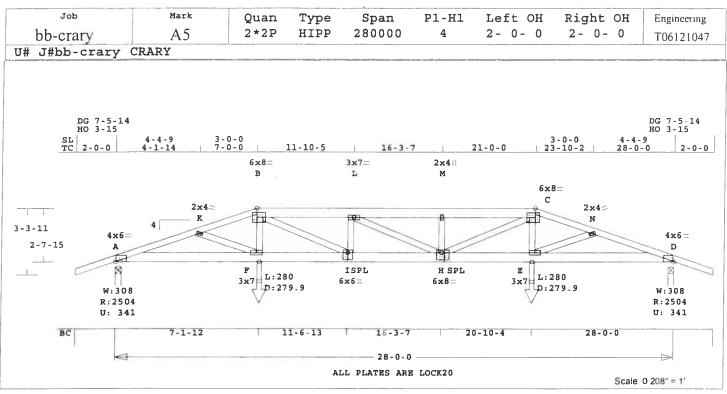
2628 T

2628 T

2233 T

2233 T

2628 T



```
Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 206.6 LBS N -D 0.27 6657 C 0.09 0.18 Girder Step
                                                                                                        Step Down Hip
                                               -----Bottom Chords-----
                                                                                               Framing King Jacks
 Online Plus -- Version 20.0.011
                                                     0.57
                                                             6299 T 0.42
                                                                                               Jack
                                                                                                       Open Faced
7-0-0
 RUN DATE: 12-DEC-06
                                               P-I
                                                      0.53
                                                             6302 T
                                                                       0.42
                                                                              0.11
                                                                                               Setback
                                               I-H
                                                     0.63
                                                             8383 T 0.56
                                                                              0.07
                                                                                            2 COMPLETE TRUSSES REQUIRED.
 * 2-Ply Truss *
                                               H-E
                                                     0.53
                                                             6302 T
                                                                       0.42
                                                                              0.11
                                                                                            Fasten together in staggered
                                               E -D 0.57
                                                             6299 T 0.42
                                                                             0.15
                                                                                               pattern. (1/2" bolts -OR-
                                                             -Wehs--
                                                                                               SDS3 screws -OR- 10d nails
       CSI -Size- ----Lumber----
                                              K -F
                                                      0.01
                                                              136 T
                                                                                               as each layer is applied.)
     0.37 2x 4 SP-#2
                                              F -B
 TC
                                                      0.06
                                                              701 T
                                                                                                        ----Spacing (In) ----
 EX B -C
             2x 6
                    SP-#2
                                              B -I
                                                      0.20
                                                             2273
                                                                                                        Nails Screws Bolts
                                                                                                 Rows
 BC
    0.63
            2x 6
                    SP-#2
                                               I -L
                                                      0.03
                                                                                              TC 1
                                                                                                         12
                                                                                                                  24
                                                                                                                            0
                    SP-#2
                                               L -H
                                                                                                   2
                                                                                                         12
     0.20
             2x 4
                                                      0.00
                                                                                               BC
                                                                                                                  24
                                                                                                                            0
                                              H -M
                                                      0.03
                                                              675 C
                                                                                               WB
                                                                                                          8
                                                                                                                   8
Brace truss as follows:
                                              H -C
                                                     0.20
                                                             2266 T
                                                                                            Plus clusters of nails where
                 From To
0-0-028-0-0
       0.C.
                                              E
                                                -C
                                                     0.06
                                                              702 T
                                                                                              shown.
                                              E-N
  TC Cont.
                                                     0.01
                                                              135 T
                                                                                            OH Loading
                 0- 0- 0 28- 0- 0
  BC Cont.
                                                                                              Soffit psf 2.0
                                              TL Defl -0.44" in I -H L/754
LL Defl -0.22" in I -H L/999
Shear // Grain in B -L 0.15
                                                                                            Design checked for 10 psf non-
Loading
            Live
                     Dead
                             (psf)
                                                                                              concurrent LL on BC.
            20.0
                     10.0
TC
                                                                                            Prevent truss rotation at all
             0.0
                     10.0
BC
                                                                                            bearing locations.
Wind Loads - ANSI / ASCE 7-02
            20.0
                                              Plates for each ply each face. PLATING CONFORMS TO TPI.
                     20.0
                             40.0
                             24.0"
Spacing
                                                                                            Truss is designed as
                                              REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
Lumber Duration Factor
                             1.25
                                                                                              Components and Claddings*
                            1.25
Plate Duration Factor
                                                                                              for Exterior zone location.
TC Fb=1.00 Fc=1.00 Ft=1.00 BC Fb=1.00 Fc=1.00 Ft=1.00
                                              BASED ON SP LUMBER
USING GROSS AREA TEST.
                                                                                                                       110 mph
                                                                                              Wind Speed:
                                                                                              Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0
                                              Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Load Case # 1 Girder Loading
                                                       Plt Size X Y JSI
4.0x 6.0 3.2 1.8 1.00
Lumber Duration Factor
                              1.25
                                              Jt Type
                                                                                                                 5.0 psf
Plate Duration Factor
                              1.25
                                                 LOCK
plf - Live
                                                                                                                       5.0 psf
              Dead From
                               To
                                                 LOCK
                                                         2.0x 4.0 Ctr Ctr 0.40
                                                                                              BC Dead Load:
TC V
BC V
                       0.01
                              28.0
                                                         6.0x 8.0-0.5 Ctr 1.00
                 20
                                                 LOCK
         40
                                              В
                                                                                           Max comp. force
                                                                                                                    8382 Lbs
                 20
                       0.01
                                                 LOCK
                                                        3.0x 7.0 Ctr Ctr 0.44
                              28.01
           0
                                                                                           Quality Control Factor 1.25
TC
         50
                       7.01
                              21.0'
                                                 LOCK
                                                        2.0x 4.0 Ctr Ctr 0.40
                 25
                       7.1'
                                                         6.0x 8.0 0.5 Ctr 1.00
вс
   v
           0
                              20.91
                                                 LOCK
                       7.1'
                                                 LOCK
                                                        2.0x 4.0 Ctr Ctr 0.40
BC
        280
                280
                                                                                                Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682
                280
                     20.9'
                                                 LOCK
                                                         4.0x 6.0-3.2 1.8 1.00
        280
                              CL-LB
                                                 LOCK
                                                        3.0x 7.0 Ctr Ctr 0.47
                                                                                                CENS
                                              Ι
                                                 LOCK
                                                        6.0x 6.0 Ctr-1.2 0.73
       9 Wind Load Case(s)
                                                        6.0x 8.0-1.0-1.2 0.73
3.0x 7.0 Ctr Ctr 0.47
Plus
                                              H
                                                 LOCK
                                                 LOCK
Plus
       1 UBC LL Load Case(s)
                                              E
    React Uplft
                    Size Req'd
Jt
              Lbs In-Sx In-Sx
       Lbs
                                              REVIEWED BY:
                          1- 8
                   3 - 8
                                               Robbins Engineering, Inc.
A
              341
                             -28
                    Hz =
                                               PO Box 280055
D
      2504
              341
                    3 - 8
                           1-8
                                               Tampa, FL 33682
```

REFER TO ROBBINS ENG. GENERAL

COÁIDA

ONAL ENGINEER

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

NOTES:

FBC2004

Hz =

----Top Chords-----

6657 C

6641 C

8382 C

8377 C

8377 C

Membr CSI

- K

-M

K -B

В - L 0.27

0.37

0.27

0.27

0.37

P Lbs Axl-CSI-Bnd

0.09

0.09

0.19

0.19

0.19

6642 C 0.09 0.28

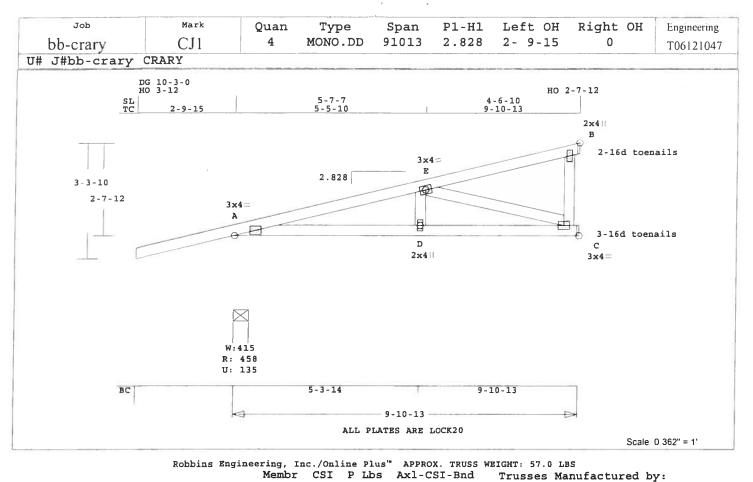
0.18

0.28

0.08

0.05

0.08



Online Plus -- Version 20.0.011 RUN DATE: 12-DEC-06 CSI -Size- ----Lumber----0.33 2x 4 SP-#2 0.29 2x 4 SP-#2 TC BC 0.22 2x 4 SP-#2 Brace truss as follows: To O.C. From TC Cont. 0 - 0 - 09-10-13 0-0-0 9-10-13 BC Cont. (psf) Loading Live Dead TC 20.0 10.0 10.0 0.0 BC 40.0 Total 20.0 20.0 24.0" Spacing Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.00 Fc=1.00 Ft=1.00 BC Fb=1.00 Fc=1.00 Ft=1.00 Load Case # 1 Girder Loading Lumber Duration Factor 1.25 Plate Duration Factor 1.25 plf - Live Dead From To 9.91 TC V 40 20 0.0' 0.0' BC V 0 20 9.91 TC V -40 -20 0.0 22 9.91 45 0.0 BC V 0 -20 9.91 O 22

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs Lbs In-Sx In-Sx 4-15 1-8 458 Hz =45 C 1-81-8 350 14 В 234 95 1- 8 1-8 Hz =86

TL Defl -0.05" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in E -B 0.27

Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER USING GROSS AREA TEST. Plate - LOCK 20 Ga, Gross Area Plate - RHS 20 Ga, Gross Area Jt Type Plt Size X Y JSI 3.0x 4.0 Ctr Ctr 0.70 A LOCK LOCK 3.0x 4.0 Ctr Ctr 0.48 E B LOCK 2.0x 4.0 Ctr Ctr 0.38 LOCK D 2.0x 4.0 Ctr Ctr 0.38 C LOCK 3.0x 4.0 Ctr Ctr 0.57

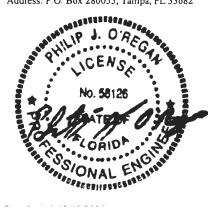
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

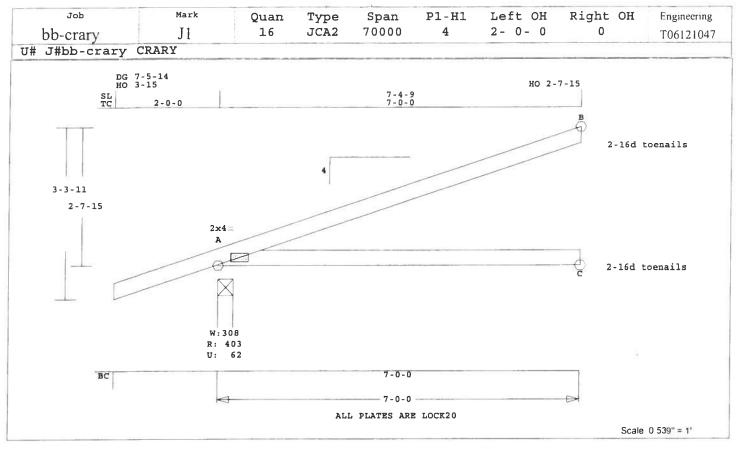
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:

Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 King Jack Girder Loading TC and BC Setback 7- 0- 0 OH Loading Soffit psf 2.0 Design checked for 10 psf nonconcurrent LL on BC. Use properly rated hangers for loads framing into girder truss. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: В Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf BC Dead Load: 5.0 psf Max comp. force 904 Lbs Quality Control Factor 1.25





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.3 LBS 0 T 0.00 0.35 A -C 0.35

CSI -Size- ----Lumber----0.47 2x 4 SP-#2 TC 0.35 2x 4 SP-#2

Brace truss as follows:

o.c. From To 7-0-0 0-0-0 TC Cont. 0-0-0 7- 0- 0 BC Cont.

Live Dead (psf) Loading TC 20.0 10.0 10.0 BC 0.0 Total 20.0 20.0 40.0 24.0" Spacing Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs Lbs In-Sx In-Sx 404 62 3~8 1-8 A 70 Hz =3-8 1-8 0 C 130 3 - 8 1-8 195 В 70 48 Hz =

Membr CSI P Lbs Ax1-CSI-Bnd -----Top Chords-----102 C 0.00 0.47 A -B 0.47 -----Bottom Chords-----

Online Plus -- Version 20.0.011 TL Defl -0.17" in A -C L/440 RUN DATE: 12-DEC-06 LL Defl -0.07" in A -C L/999 Shear // Grain in A -B 0.25

> Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER USING GROSS AREA TEST. Plate - LOCK 20 Ga, Gross Area Max comp. force Plate - RHS 20 Ga, Gross Area Jt Type Plt Size X Y A LOCK 2.0x 4.0 Ctr Ctr 0.78

REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

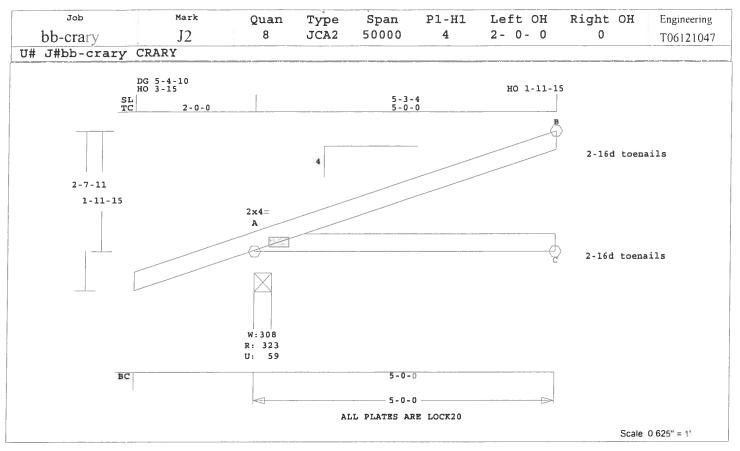
NOTES:

Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading

Soffit psf 2.0 Design checked for 10 psf non-

concurrent LL on BC. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings* for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf BC Dead Load: 5.0 psf 102 Lbs Quality Control Factor 1.25





Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 23.6 LBS A -C 0.21 0 T 0.00 0.21 concurren

Online Plus -- Version 20.0.011 TL Defl -0.04" in A -C L/999 RUN DATE: 12-DEC-06

CSI -Size- ----Lumber----TC 0.26 2x 4 SP-#2 $0.21 2 \times 4 SP-#2$

Brace truss as follows: From To TC Cont. BC Cont.

Live Dead Loading (psf) TC 20.0 10.0 10.0 ВC 0.0 20.0 20.0 40.0 Total Spacing 24.0" Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

React Uplft Size Req'd Lbs Lbs In-Sx In-Sx 324 59 3-8 1-8 Hz =50 3-8 1-8 92 0 C 50 3-81-8 141 В Hz =34

Membr CSI P Lbs Axl-CSI-Bnd -----Top Chords-----A -B 0.26 84 C 0.00 0.26 -----Bottom Chords----

LL Defl -0.02" in A -C L/999 Shear // Grain in A -B 0.20

Plates for each ply each face. PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. BASED ON SP LUMBER 0- 0- 0 5- 0- 0 USING GROSS AREA TEST. 0- 0- 0 5- 0- 0 Plate - LOCK 20 Ga, Gross Area Max comp. force Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25 Jt Type Plt Size X Y JSI A LOCK 2.0x 4.0 Ctr Ctr 0.74

> REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004

OH Loading Soffit psf 2.0

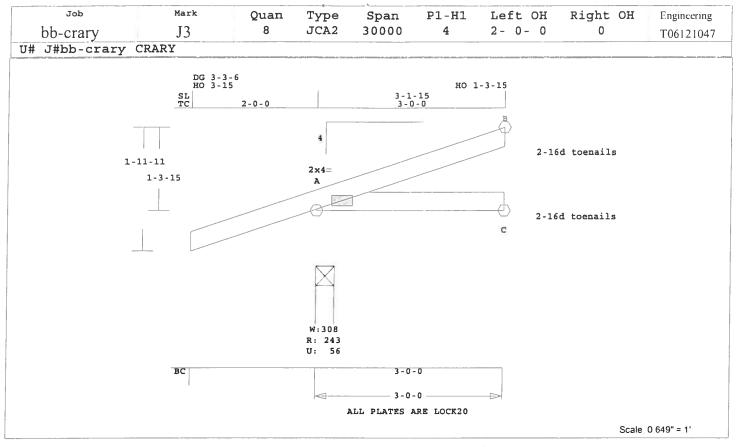
Design checked for 10 psf non-

concurrent LL on BC. Wind Loads - ANSI / ASCE 7-02 Truss is designed as Components and Claddings*

for Exterior zone location. Wind Speed: 110 mph Mean Roof Height: 15-0 Exposure Category: Occupancy Factor : 1.00 Building Type: Enclosed TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf 84 Lbs





Robbins Engineering, Inc./Online Plus' APPROX. TRUSS WEIGHT: 15.8 LBS A -C 0.08 0 T 0.00 0.08 Online Plus -- Version 20.0.011 TL Defl 0.00" in A -C L/999 RUN DATE: 12-DEC-06 LL Defl 0.00" in A -C L/999 Shear // Grain in A -B 0.11 CSI -Size- ----Lumber----0.08 2x 4 SP-#2 Plates for each ply each face. BC 0.08 2x 4 SP-#2 PLATING CONFORMS TO TPI. REPORTS: SBCCI 9761 ROBBINS ENGINEERING, INC. Brace truss as follows: To BASED ON SP LUMBER From o.c. 0- 0- 0 3- 0- 0 USING GROSS AREA TEST. TC Cont. BC Cont. 0-0-0 3-0-0 Plate - LOCK 20 Ga, Gross Area Max comp. force Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25 Jt Type Plt Size X Y Loading Live Dead (psf)

JSI A LOCK 2.0x 4.0 Ctr Ctr 0.73

REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading Soffit psf 2.0 Design checked for 10 psf non-

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682

concurrent LL on BC. Wind Loads - ANSI / ASCE 7-02

Components and Claddings*

Mean Roof Height: 15-0

Occupancy Factor : 1.00

Building Type: Enclosed

Exposure Category:

for Exterior zone location.

110 mph

5.0 psf

53 Lbs

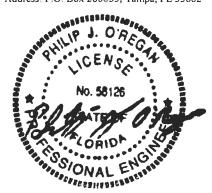
5.0 psf

Truss is designed as

Wind Speed:

TC Dead Load:

BC Dead Load:



Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

20.0

20.0

0.0

Lumber Duration Factor 1.25

Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

TC BC

Total

Spacing

10.0

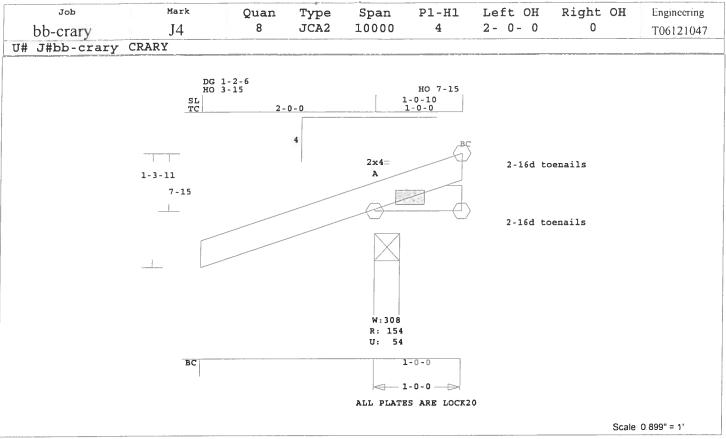
10.0

20.0

40.0 24.0"

React Uplft Size Req'd Lbs In-Sx In-Sx Lbs 56 3-8 1-8 Α 243 29 Hz =C 54 0 3-8 1-8 87 3 - 8 1-8 В 31 Hz =

Membr CSI P Lbs Axl-CSI-Bnd -----Top Chords-----A -B 0.08 53 C 0.00 0.08 -----Bottom Chords-----



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.0 LBS TL Defl 0.00" in A -C L/999 Truss is designed as LL Defl 0.00" in A -C L/999 Online Plus -- Version 20.0.011 Shear // Grain in B -B 0.01 RUN DATE: 12-DEC-06 Plates for each ply each face. CSI -Size- ----Lumber----PLATING CONFORMS TO TPI. 0.00 2x 4 SP-#2 REPORTS: SBCCI 9761 TC ROBBINS ENGINEERING, INC. 0.00 2x 4 SP-#2 BASED ON SP LUMBER USING GROSS AREA TEST. To O.C. From 0- 0- 0 1- 0- 0 Plate - RHS 20 Ga, Gross Area Quality Control Factor 1.25

Plate - LOCK 20 Ga, Gross Area Max comp. force 0-0-0 1-0-0 Jt Type Plt Size X Y JSI A LOCK 2.0x 4.0 Ctr Ctr 0.73

> REVIEWED BY: Robbins Engineering, Inc. PO Box 280055 Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES: Trusses Manufactured by: Mayo Truss Co. Inc. Analysis Conforms To: FBC2004 OH Loading Soffit psf 2.0 Design checked for 10 psf nonconcurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss Design Engineer: Philip J. O'Regan License #: 58126 Address: P.O. Box 280055, Tampa, FL 33682

Components and Claddings* for Exterior zone location.

Mean Roof Height: 15-0

Occupancy Factor : 1.00

Building Type: Enclosed

Exposure Category:

110 mph

5.0 psf

3 Lbs

5.0 psf

Wind Speed:

TC Dead Load:

BC Dead Load:



Brace truss as follows: TC Cont. BC Cont. Live Dead (psf) Loading 10.0 TC 20.0 0.0 10.0 BC

Total 20.0 20.0 40.0 24.0" Spacing Lumber Duration Factor 1.25 Plate Duration Factor 1.25 TC Fb=1.15 Fc=1.10 Ft=1.10 BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s) Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd Lbs In-Sx In-Sx Lbs 54 3-8 1-8 155 A 6 1-8 1-8 C 44 2 1-8 1-8 5 В

Membr CSI P Lbs Axl-CSI-Bnd -----Top Chords-----A -B 0.00 5 T -----Bottom Chords-----A -C 0.00 0 T

ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



3x5 II

Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108)

PLATE SIZE AND ORIENTATION

The first dimension is

perpendicular to slots.

the length measured

parallel to slots. Plate

orientation, shown next

to plate size, indicates

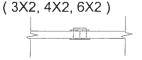
direction of slots in

connector plates.

The second dimension is

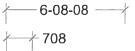
the width measured

FLOOR TRUSS SPLICE



(W) = Wide Face Plate (N) = Narrow Face Plate

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).



LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

W = Actual Bearing

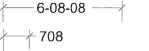
R = Reaction (lbs.)

U = Uplift (lbs.)

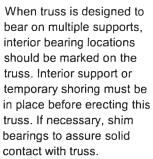
Width (IN-SX)



DIMENSIONS



BEARING



ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted. The attached design drawings were prepared in accordance with "National Design Specifications for Wood Construction" (AF & PA)," National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and " dominoing ". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA. INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



6904 Parke East Blvd. Tampa, FI 33610-4115 Tel: 813-972-1135 Fax: 813-971-6117

www.robbinseng.com

25380

Notice of Intent for	Preventative	Treatment for	Termites
-----------------------------	---------------------	---------------	----------

(As required by Florida Building Code 104.2.6)

Penni+#: 000025380

Date: 2/27/07

386 SW BOZEMAN COUNT

(Address of Treatment or Lot/Block of Treatment)

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1816.1

(Information to be provided to local building code offices prior to concrete foundation installation.) 6/05



Cal-Tech Testing, Inc.

• Engineering

5

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456

Geotechnical

6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)262-4047

• Environmental
Laboratories

2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008

REPORT OF IN-PLACE DENSITY TEST

JOB NO.:

DATE TESTED:

07**-**120 3/1/07

DATE REPORTED:

3/6/07

PROJECT:

Crary Residence (Permit# 25380), Lake City, FL

CLIENT:

B&B Homes New Home Builders, Inc. 23883 CR 49, O'Brien, FL 32071

GENERAL CONTRACTOR:

B&B Homes New Home Builders, Inc.

EARTHWORK CONTRACTOR:

B&B Homes New Home Builders, Inc.

INSPECTOR:

Pam Geiger

ASTM METHOD

SOIL USE

(D-2922) Nuclear

BUILDING FILL

SPECIFICATION REQUIREMENTS:

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	5' East x 7' North of SW Corner	12"	105.4	3.3	102.0	## I	103.1	99%
2	6' West x 20' North of SE Corner	12"	104.7	2.3	102.3	**	103.1	99%
3	8' West x 10' South of NE Corner	12"	107.1	4.3	102.7	Well	103.1	100%

The Above Tests Meet Specification Requirements.

-

PROCTORS							
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (Ib/ft³)	OPT. MOIST.	TYPE			
**	Light Brown Sand	103.1	10.8	MODIFIED (ASTM D-1557) ▼			

Respectfully Submitted,

CAL-TECH TESTING, INC. Linde Creamer, CEO

Reviewed By:

Date: 3/6/07

Linda M. Creamer President - CEO

ee

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards, Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

	Notice of T	reatment	= _5
Applicator: Florida	Pest Control & C	hemical Co.	(www.flapest .com)
Address:			
City	S	Phone	
Site Location: Subdi	vision	/i	
Lot #Blo	Р	ermit #	7
Product used	Active Ing	redient	% Concentration
Premise	Imidac	loprid	0.1%
☐ <u>Termidor</u>	Fipro	onil	0.12%
☐ Bora-Care	Disodium Octabo	rate Tetrahyd	
Area Treated As per Florida Buildin termite prevention is u to final building appro	sed, final exterior	Linear feet Grant Soil chemica treatment shall	Gallons Applied Gallons Applied Gallons Applied Gallons Applied
If this notice is for the	final exterior treat	ment, initial th	is line
Date	Time		chnician's Name
Remarks:			
Applicator - White	Permit File - C	anary Pe	rmit Holder - Pink



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 26-3S-15-00275-007

Fire:

Building permit No. 000025380

Use Classification SFD,UTILITY

Owner of Building LATASHA CRARY

Permit Holder MAX BASS

Location: 386 SW BOZEMAN COURT

Date: 09/17/2007

Waste: 0.00

Total:

0.00

Building Inspector

POST IN A CONSPICUOUS PLACE Business Places Only)