01/08/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025380

APPLICANT MAX BASS PHONE 935-4371

ADDRESS 2388 CR 49 O'BRIEN FL 32071

OWNER LATASHA CRARY PHONE 963.2029

ADDRESS 386 SW BOZEMAN COURT LAKE CITY FL 32024

CONTRACTOR MAX BASS PHONE 935-4371

LOCATION OF PROPERTY 90-W, TL ON CR252, TR ON COONVILLE AVE, TL ON ADRON.
TR ON BOZEMAN CT. PAST 2 MH, TO DIRT RD ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 70000.00

HEATED FLOOR AREA 1400.00 TOTAL AREA 1400.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF 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

LOT BLOCK PHASE UNIT 0 TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		RR28281115	W Max L Bass

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	07-00008E	BK	JH	

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE
EXISTING MH TOBE REMOVED WITHIN 45 DAYS AFTER CO IS ISSUED
ALTERNATE TERMIT TREATMENT RECEIVED Check # or Cash 3916

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power ____ date/app. by Foundation ____ date/app. by Monolithic ____ date/app. by

Under slab rough-in plumbing ____ date/app. by Slab ____ date/app. by Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by Rough-in plumbing above slab and below wood floor ____ date/app. by

Electrical rough-in ____ date/app. by Heat & Air Duct ____ date/app. by Peri. beam (Lintel) ____ date/app. by

Permanent power ____ date/app. by C.O. Final ____ date/app. by Culvert ____ date/app. by

M/H tie downs, blocking, electricity and plumbing ____ date/app. by Pool ____ date/app. by

Reconnection ____ date/app. by Pump pole ____ date/app. by Utility Pole ____ date/app. by

M/H Pole ____ date/app. by Travel Trailer ____ date/app. by Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 350.00 CERTIFICATION FEE $ 7.00 SURCHARGE FEE $ 7.00

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 439.00

INSPECTORS OFFICE CLERKS OFFICE CH

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 Bozeman CT — (Address of Treatment or Lot/Block of Treatment)

Lake City 32024 — City

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.)

6/04 ©

Columbia County Building Permit Application - CK# 3916 Revised 9-23-04

For Office Use Only Application # 0612-62 Date Received 12-21-06 By LH Permit # 25380

Application Approved by - Zoning Official BLK Date 05.01.07 Plans Examiner OK JTH Date 1-8-7

Flood Zone X per surveyor Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Existing MH to be removed within 45 days of CO being issued

~~EH~~, NOC Existing Well

fax 386-935-1233

Applicants Name Max Bass Phone ~~(386) 755-4731~~

Address 23883 CR 49 O'Brien, FL 32071

Owners Name Jack & Latasha Crary Phone 755-4731

911 Address 386 SW ~~Boseman~~ Bozeman Ct Lake City FL 32024

Contractors Name MAX L. BASS / B+B Homes New Home Builders Inc. Phone (386) 935-4371

Address 23883 CR 49 O'Brien, FL 32071

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address

Architect/Engineer Name & Address MARK DISOSWAY

Mortgage Lenders Name & Address First Federal Live Oak

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

Property ID Number 26-35-15-00275-007 Estimated Cost of Construction $87,767.00

Subdivision Name ______ Lot ____ Block ____ Unit ____ Phase ____

Driving Directions HWY 90 W To 252 – 7 miles TR on Coonville Ave (Caution Light) Go 1.8 mi TL on ADRON Go .5 mi ~~[illegible]~~ to Boseman Ct, PAST 2 MH, dirt rd on left

Type of Construction New Single Family Residence Number of Existing Dwellings on Property 1 (MH)

Total Acreage 5.010 Lot Size 5.010 Do you need a - Culvert Permit or Culvert Waiver (Private Rd.) or Have an Existing Drive (To be removed)

Actual Distance of Structure from Property Lines - Front 130' Side 60' Side 135 Rear 767'

Total Building Height 13'6" Number of Stories 1 Heated Floor Area 1400 sq ft. (TOTAL 1400) Roof Pitch 4/12

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

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

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

Max L Bass

Owner Builder or Agent (Including Contractor)

Max L Bass

Contractor Signature

Contractors License Number RR282811195

Competency Card Number 5630

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this ________ day of ______________ 20____.

Personally known____ or Produced Identification____

Notary Public State of Florida
Janice B Gaylord
My Commission DD581631
Expires 02/27/2010

Notary Signature

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-00008E

PART II - SITE PLAN

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

SEE ATTACHED

Notes: ______________________________

Site Plan submitted by: [signature] Signature   Agent Title

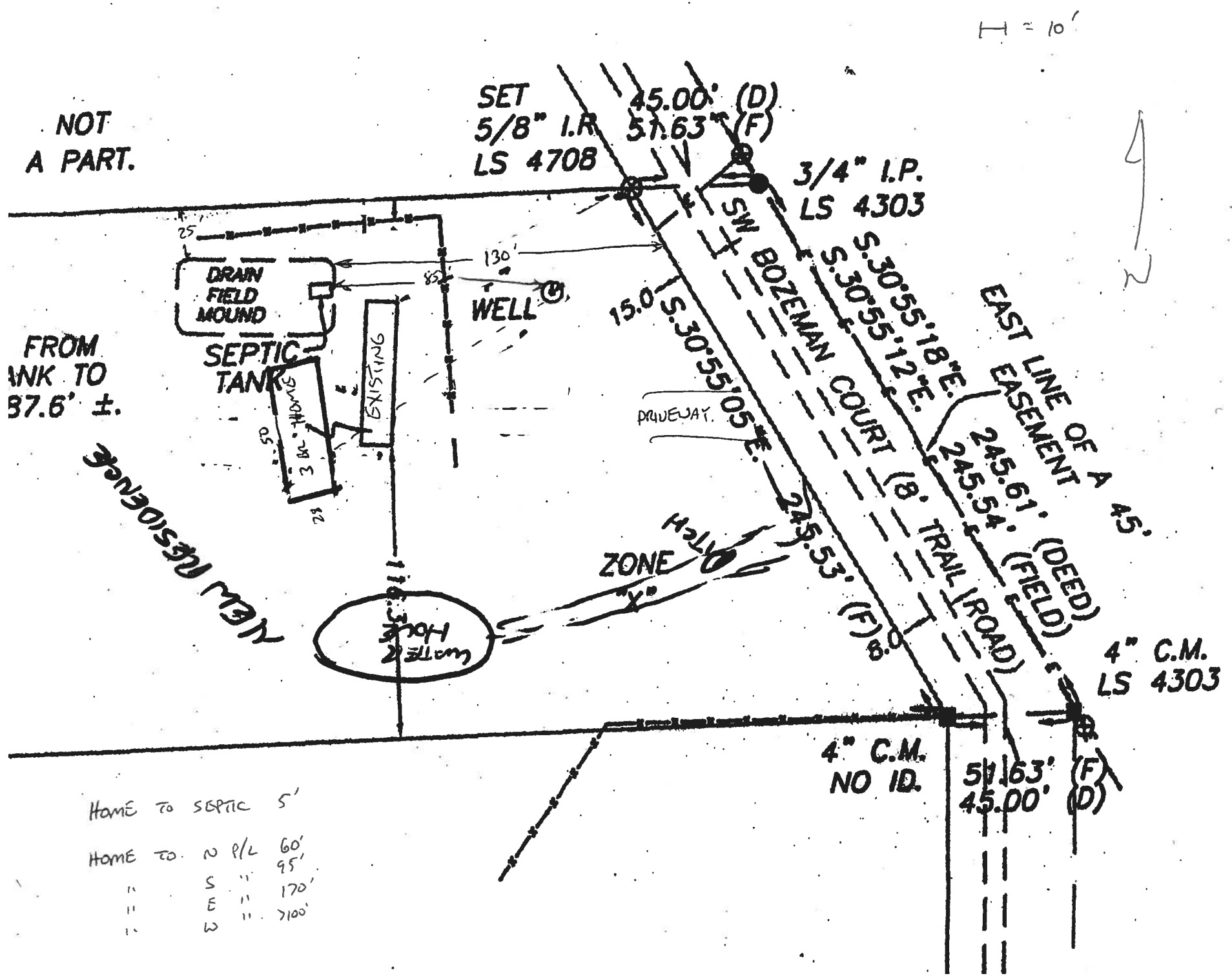
Plan Approved X   APPROVED   Not Approved ______   Date 1-04-07

By [signature]   Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

0°55'18"W., 245.61 FEET TO THE POINT OF ENDING.



JSIVE EASEMENT; THENCE ALONG SAID
T; THENCE S.88°21'31"W., 1081.24

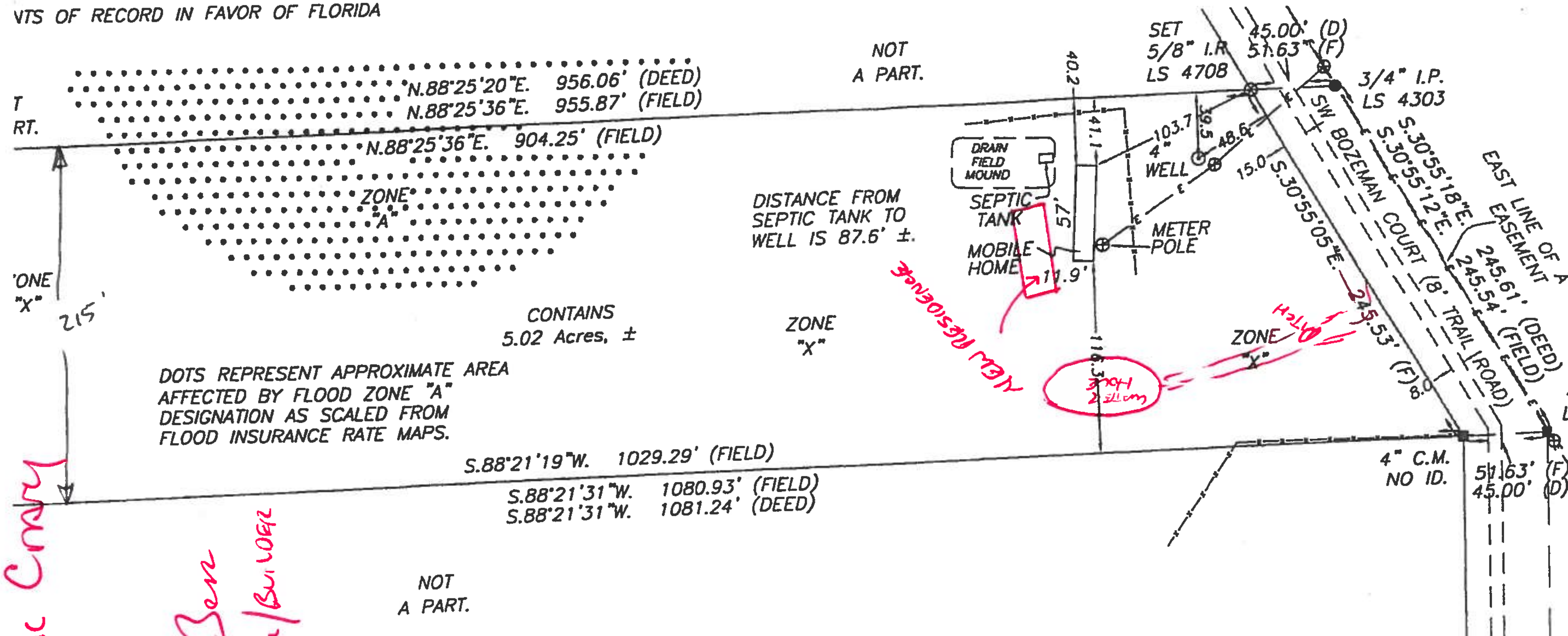
ESS.

TO AND FROM ABOVE PROPERTY IN

OVER AND ACROSS THE EAST 45 FEET

NTS OF RECORD IN FAVOR OF FLORIDA

731.56 FEET; THENCE N.88°28'58"E., 227.29 FEET; S.00°16'20"E., 299.89 FEET; 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 FOLLING DESCRIBED LINE:
COMMENCE AT THE NE CORNER OF ABOVE DESCRIBED EASEMENT, THENCE N.00°22'22"W., 195 FEET; N.30°55'18"W., 245.61 FEET TO THE POINT OF ENDING.



SITE Plan: Jack Curry
B&B Homes
SUBMITTED By: Max L Ben
Contractor/Builder

SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID DEED OF RECORD.
2. BEARINGS BASED ON DEED OF RECORD USING MONUMENTS FOUND ON THE SOUTH LINE OF SAID PARCEL.
3. 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.
4. NO EASEMENT FOR UTILITY AND/OR DRAINAGE IS SHOWN ON THIS LOT IN RECORDS IN THE POSSESSION OF THIS OFFICE.
5. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
6. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
7. "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER."
8. CLOSURE OF FIELD SURVEY IS 1/263,779.
9. 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.
10. CERTIFIED TO:

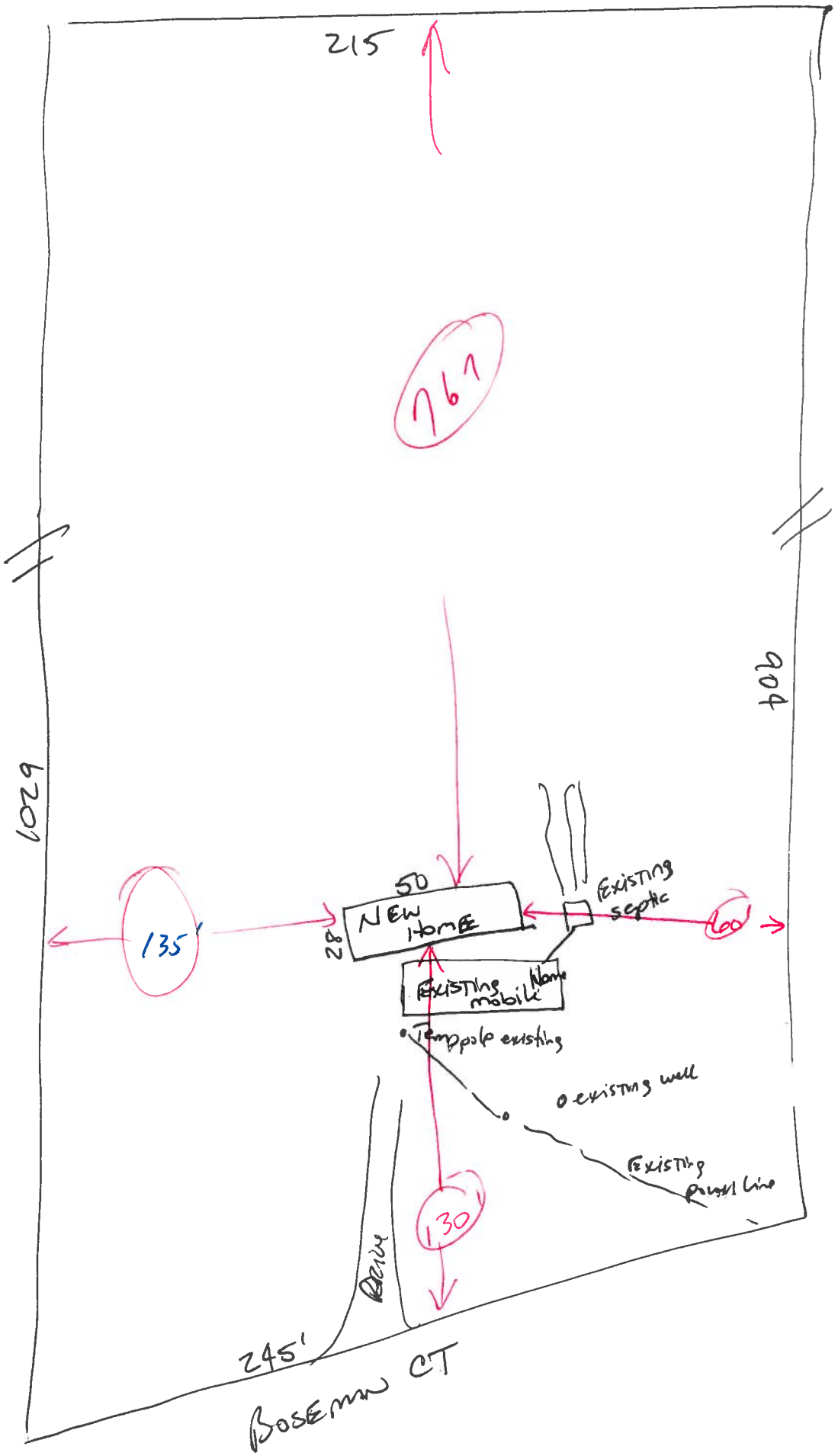
SYMBOL LEGEND

■	CONCRETE MONUMENT FOUND
□	CONCRETE MONUMENT SET, LS 4708
●	IRON PIN OR PIPE FOUND
○	5/8" IRON ROD SET, LS 4708
—x—	WIRE FENCE
—E—	ELECTRIC UTILITY LINE (OVERHEAD)
– UGE –	UNDERGROUND ELECTRIC SERVICE
– CTV –	CABLE TV LINE (OVERHEAD)
—o—	CHAIN LINK FENCE
—o—	WOODEN FENCE
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
LS	LAND SURVEYOR
LB	LICENSED BUSINESS
ORB	OFFICIAL RECORD BOOK
PRM	PERMANENT REFERENCE MONUMENT
PCP	PERMANENT CONTROL POINT
⊗	UTILITY POLE
R/W	RIGHT-OF-WAY
NO ID	NO IDENTIFICATION

CRARY SITE PLAN
B & B Homes

Drawn By
Max L Bass
Contractor

site plan



Columbia County Property Appraiser

DB Last Updated: 8/1/2006

2006 Proposed Values

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

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

<< Prev Search Result: 5 of 10 Next >>

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.

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 & Assessment 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	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
2/3/2003	1002/2365	AG	V	U	03	$19,000.00
4/14/2000	900/2510	QC	I	U	01	$2,000.00
12/3/1998	870/1301	CD	I	Q		$17,200.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1974	Alum Siding (26)	684	684	$3,329.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	2.000 AC	1.00/1.00/1.00/1.00	$8,000.00	$16,000.00
009630	SWAMP (MKT)	3.010 AC	1.00/1.00/1.00/1.00	$227.50	$684.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

<< Prev 5 of 10 Next >>

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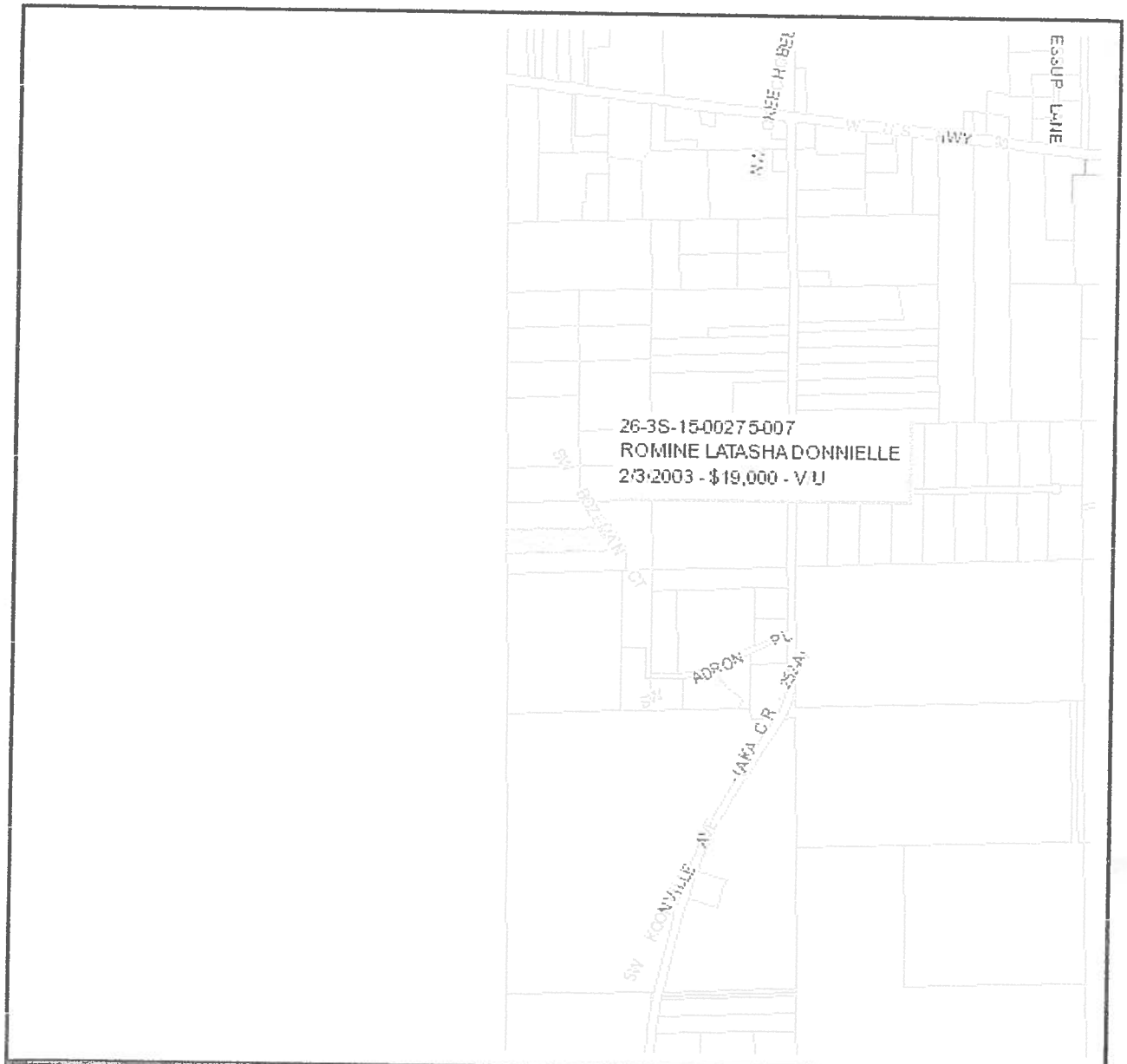
26-3S-15-00275-007
-----------------------------------------------------------------------------------------------------------------
COMM SW COR OF SEC, RUN N         ROMINE LATASHA DONNIELLE       26-3S-15-00275-007                Columbia Cou
201.15 FT FOR POB, CONT N         P O BOX 303
215.35 FT, E 956.06 FT TO A PT    WELLBORN, FL 32094-0303                       PRINTED 11/17/2006 15:46
ON THE E LINE OF A 45-FOOT                                                      APPR     3/20/2006 DFTW
-----------------------------------------------------------------------------------------------------------------
BUSE 000800 MOBILE HME       AE? Y        684 HTD AREA     94.410 INDEX    26315.00 DIST 3          PUSE  000
MOD   2 MOBILE HME  BATH      1.00        684 EFF AREA     26.436 E-RATE    100.000 INDX   STR  26- 3S- 15
EXW  26 ALM SIDING  FIXT                18082 RCN                             1974 AYB     MKT AREA 01
   %    N/A         BDRM         2      20.00 %GOOD       3,616 B BLDG VAL    1974 EYB     (PUD1
RSTR 01 FLAT        RMS                -------------------------------------------------   AC       5.010
RCVR 01 MINIMUM     UNTS              ³FIELD CK:   11/20/1998 GM         HX AppYr 2004 ³   NTCD
   %    N/A         C-W%              ³LOC:  386 BOZEMAN CT SW LAKE CITY               ³   APPR CD
INTW 04 PLYWOOD     HGHT              ³                                                ³   CNDO
   %    N/A         PMTR              ³ +-------------------57-------------------+     ³   SUBD
FLOR 14 CARPET      STYS       1.0    ³ IBAS1998                                 I     ³   BLK
 10% 08 SHT VINYL   ECON              ³ 1                                        1     ³   LOT
HTTP 04 AIR DUCTED  FUNC              ³ 2                                        2     ³   MAP# 6
A/C  03 CENTRAL     SPCD              ³ +-------------------57-------------------+     ³   HX
QUAL 02 BELOW AVG.  DEPR 09           ³                                                ³   TXDT    003
FNDN    N/A         N/A               ³                                                ³
SIZE    N/A         N/A               ³                                                ³ -------------- BLDG TRA
CEIL    N/A         N/A               ³                                                ³ BAS1998=W57 S12 E57 N12
ARCH    N/A         N/A               ³                                                ³
FRME 01 NONE        N/A               ³                                                ³
KTCH    N/A         N/A               ³                                                ³
WNDO    N/A         N/A               ³                                                ³
CLAS    N/A         N/A               ³                                                ³
OCC     N/A         N/A               ³                                                ³
COND    N/A            %              ³                                                ³----------------- PERMIT
SUB    A-AREA  %  E-AREA   SUB VALUE  ³                                                ³  NUMBER     DESC
BAS98     684 100    684        3616  ³                                                ³ 21149     M H
                                      ³                                                ³ 20380     TR/TRAILER
                                      ³                                                ³ ------------------ SALE
                                      ³                                                ³ BOOK   PAGE     DATE
                                      ³                                                ³   1002   2365  2/03/200
                                      ³                                                ³ GRANTOR DEARVANG
                                      ³                                                ³ GRANTEE LATASHA DONNIEL
                                      ³                                                ³   900   2510  4/14/200
                                      ³                                                ³ GRANTOR PLACERES
TOTAL    684         684        3616  -------------------------------------------------  GRANTEE DEARVANG
-------EXTRA FEATURES-------------------------------- FIELD CK:                          ------------------------
AE BN  CODE      DESC        LEN   WID HGHT QTY QL   YR  ADJ        UNITS UT      PRICE   ADJ UT PR   SPCD %
Y     0294   SHED WOOD/VI                     1     1999 1.00       1.000 UT    400.000     400.000          1
-----------------------------------------------------------------------------------------------------------------
    LAND   DESC       ZONE  ROAD {UD1 {UD3 FRONT DEPTH  FIELD CK:
AE  CODE              TOPO  UTIL {UD2 {UD4  BACK    DT      ADJUSTMENTS              UNITS UT      PRICE    ADJ UT P
Y 000200 MBL HM     A-1                                 1.00 1.00 1.00 1.00       2.000  AC    8000.000      8000.
Y 009630 SWAMP      00                                  1.00 1.00 1.00 1.00       3.010  AC     227.500       227.
Y 009945 WELL/SEPT  00                                  1.00 1.00 1.00 1.00       1.000  UT    2000.000      2000.
SALE - 10.03 AC
 2007
```



Columbia County Property Appraiser
J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 26-3S-15-00275-007 HX - MOBILE HOM (000200)

Name:	ROMINE LATASHA DONNIELLE	LandVal	$18,684.00
Site:	BOZEMAN	BldgVal	$3,329.00
Mail:	P O BOX 303 WELLBORN, FL 320940303	ApprVal	$22,413.00
		JustVal	$22,413.00
Sales Info	2/3/2003 $19,000.00 V / U 4/14/2000 $2,000.00 I / U 12/3/1998 $17,200.00 I / Q	Assd	$14,852.00
		Exmpt	$14,852.00
		Taxable	$0.00

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.

REPARED BY
AIL DEARVANG

WARRANTY DEED

THIS WARRANTY DEED, Made the 15th day of NOV. 2006, by
AIL DEARVANG (A MARRIED PERSON) THIS IS NOT HER HOMESTEAD hereinafter
alled 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 *GRANTEE* 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.
GETHER WITH PERPETUAL EASEMENT TO AND FROM ABOVE PROPERTY IN ADDENDUM.
BJECT TO A PERPETUAL EASMENT OVER AND ACROSS THE EAST 45 FT. OF THE ABOVE
SCRIBED PROPERTY
BJECT TO: RIGHT OF WAY EASEMENTS OF RECORD IN FAVOR OF FLORIDA POWER &
GHT
BJECT 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
d 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
ims 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.
ned, sealed and delivered in the presence of:

Leslie M. Wozniak
NESS
int) Leslie M. Wozniak

Sandi Lethbridge
NESS
int) Sandi Lethbridge

Gail Dearvang
GAIL DEARVANG (GRANTOR)

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

TE OF MICHIGAN
NTY OF WAYNE
EREBY CERTIFY THAT ON THIS DAY, BEFORE ME, AN OFFICER DULY AUTHORIZED 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
Michigan Driver's License D615271680 USA exp 07/09
WITNESS MY HAND AND OFFICIAL SEAL IN THE COUNTY AND STATE LAST
RESAID THIS 15th DAY OF November A.D. 2006.

Zlatina Dimova
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 ASEMENT, 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 ccurs from, or arises out of, the use or attempted us of the property escribed hereinabove.

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 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°22'22" W., 195 FEET; THENCE N 30°55'18" W., 245.61 FEET TO THE POINT OF ENDING.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**B & B - Jack & Latasha Crary**	Builder:	**B & B Homes**
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	25380
Owner:	**Jack & Latasha Crary**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single 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	c. N A	
6. Conditioned floor area (ft²)	1400 ft²		
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor: (or Single or Double DEFAULT) 7a.	Description Area (Dble Default) 93.0 ft²	a. Electric Heat Pump	Cap: 30.0 kBtu hr
b. SHGC: (or Clear or Tint DEFAULT) 7b.	(Clear) 93.0 ft²		HSPF: 7.70
8. Floor types		b. N A	
a. Slab-On-Grade Edge Insulation	R=0.0, 156.0(p) ft	c. N A	
b. N A			
c. N A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=11.0, 1082.4 ft²		EF: 0.92
b. N A		b. N A	
c. N A			
d. N A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
e. N A			
10. Ceiling types		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
a. Under Attic	R=30.0, 1400.0 ft²		
b. N A			
c. N A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 55.0 ft		
b. N A			

Glass/Floor Area: 0.07

Total as-built points: 18414
Total base points: 22661

PASS

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

PREPARED BY: _____

DATE: 12/11/06

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

OWNER/AGENT: _____

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: _____

DATE: _____

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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	50.0	0.92	3	1.00	2635.00	1.00	7905.0	
				As-Built Total:						**7905.0**	

CODE COMPLIANCE STATUS

BASE				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

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

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

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	1400.0	12.74	3210.5	Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	W	1.5	6.0	15.0	20.73	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	BWPM =	Points	Type			R-Value	Area X	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	BWPM =	Points	Type				Area X	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	Type			R-Value	Area X	WPM X WCM =		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	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	156.0(p)	8.9	1388.4	Slab-On-Grade Edge Insulation			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	BWPM =	Points					Area X	WPM =		Points
	1400.0	-0.59	-826.0					1400.0	-0.59		-826.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 18107.3			**Summer As-Built Points:**					**15800.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(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
18107.3	**0.4266**	**7724.6**	**15800.3**	**1.00**	**1.128**	**0.263**	**1.000**	**4680.5**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	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	
				Double, Clear	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	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1082.4	1.70		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	Type				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 =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1400.0	1.73	2422.0	Under Attic			30.0	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 =	Points	Type			R-Value	Area 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	
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	SPM =		Points	
	1400.0	10.21	14294.0					1400.0	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	Single 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.	N A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area	13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default) 93.0 ft²	a.	Electric Heat Pump	Cap: 30.0 kBtu hr
b.	SHGC:				HSPF: 7.70
	(or Clear or Tint DEFAULT) 7b.	(Clear) 93.0 ft²	b.	N A	
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 156.0(p) ft	c.	N A	
b.	N A				
c.	N A		14.	Hot water systems	
9.	Wall types		a.	Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=11.0, 1082.4 ft²			EF: 0.92
b.	N A		b.	N A	
c.	N A				
d.	N A		c.	Conservation credits	
e.	N A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1400.0 ft²	15.	HVAC credits	
b.	N A			(CF-Ceiling fan, CV-Cross ventilation,	
c.	N A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 55.0 ft		MZ-C-Multizone cooling,	
b.	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: Max LeSeur Date: 12-20-06

Address of New Home: 386 SW Rosemont CT City/FL Zip: Lake City 32024

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

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

BUILDING INPUT SUMMARY REPORT

PROJECT

Title:	B & B - Jack & Latasha Crary	**Family Type:**	Single	**Address Type:**	Street Address
Owner:	Jack & Latasha Crary	**New/Existing:**	New	**Lot #:**	N/A
# of Units:	1	**Bedrooms:**	3	**Subdivision:**	N/A
Builder Name:	B & B Homes	**Conditioned Area:**	1400	**Platbook:**	N/A
Climate:	North	**Total Stories:**	1	**Street:**	(blank)
Permit Office:	(blank)	**Worst Case:**	No	**County:**	(blank)
Jurisdiction #:	(blank)	**Rotate Angle:**	(blank)	**City, St, Zip:**	, ,

FLOORS

#	Floor Type	R-Val	Area/Perimeter	Units
1	Slab-On-Grade Edge Insulation	0.0	156.0(p) ft	1

DOORS

#	Door Type	Orientation	Area	Units
1	Insulated	Exterior	20.4 ft²	1
2	Insulated	Exterior	46.2 ft²	1

CEILINGS

#	Ceiling Type	R-Val	Area	Base Area	Units
1	Under Attic	30.0	1400.0 ft²	1400.0 ft²	1

Credit Multipliers: None

COOLING

#	System Type	Efficiency	Capacity
1	Central Unit	SEER: 13.00	30.0 kBtu/hr

Credit Multipliers: None

WALLS

#	Wall Type	Location	R-Val	Area	Units
1	Frame - Wood	Exterior	11.0	1082.4 ft²	1

HEATING

#	System Type	Efficiency	Capacity
1	Electric Heat Pump	COP: 7.70	30.0 kBtu/hr

Credit Multipliers: None

WINDOWS

#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
1	Double	Clear	E	15.0 ft²	1.5 ft	6.0 ft	2
2	Double	Clear	E	15.0 ft²	1.5 ft	6.0 ft	2
3	Double	Clear	W	15.0 ft²	1.5 ft	6.0 ft	1
4	Double	Clear	W	9.0 ft²	1.5 ft	4.0 ft	2

DUCTS

#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
1	Uncond.	Cond.	Interior	6.0	55.0 ft

Credit Multipliers: None

WATER

#	System Type	EF	Cap.	Conservation Type	Con. EF
1	Electric Resistance	0.92	50.0	None	0.00

REFR.

#	Use Default?	Annual Operating Cost	Electric Rate
1	Yes	N/A	N/A

MISC

Rater Name:	CodeOnlyPro	**Class #:**	3	**Pool Size:**	0
Rater Certification #:	CodeOnlyPro	**Duct Leakage Type:**	N/A	**Pump Size:**	0.00 hp
Area Under Fluorescent:	0.0	**Visible Duct Disconnects:**	N/A	**Dryer Type:**	Electric
Area Under Incandescent:	1400.0	**Leak Free Duct System Proposed:**	No	**Stove Type:**	Electric
NOTE: Not all Rating info shown		**HRV/ERV System Present?:**	No	**Avg Ceil Hgt:**	

Residential System Sizing Calculation

Summary

Jack & Latasha Crary

Project Title:
B & B - Jack & Latasha Crary

Code Only
Professional Version
Climate: North

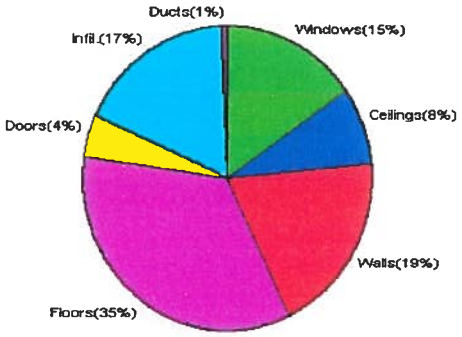
12/11/2006

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)

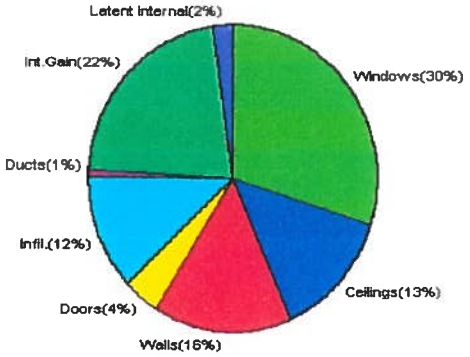
Load component			Load	
Window total	93	sqft	3398	Btuh
Wall total	1082	sqft	4313	Btuh
Door total	67	sqft	980	Btuh
Ceiling total	1400	sqft	1873	Btuh
Floor total	156	sqft	7731	Btuh
Infiltration	84	cfm	3874	Btuh
Duct loss			153	Btuh
Subtotal			**22322**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**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/occupants/other)			400	Btuh
Total latent gain			**1768**	**Btuh**
TOTAL HEAT GAIN			**17690**	**Btuh**



Powered by ACCA MANUAL J

For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: M Hopkins
DATE: 12/11/06

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 - 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	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	Type	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		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		7731 Btuh
			Envelope Subtotal:		18294 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.45	11200	1082 84.0	3874 Btuh
Ductload				(DLM of 0.007)	153 Btuh
All Zones			**Sensible Subtotal 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
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	Type	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		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		7731 Btuh
			Zone Envelope Subtotal:		18294 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.45	11200	1082 84.0	3874 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Cond) (DLM of 0.007)				153 Btuh
Zone #1			**Sensible Zone Subtotal**		**22322 Btuh**

WHOLE HOUSE TOTALS

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

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

Whole House Totals for Cooling	**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
	Total sensible gain	**15921 Btuh**
	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)

Powered by ACCA MANUAL J

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

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
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	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 Btuh
	Window Total				93 (sqft)					5287 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	11.0/0.09	1082.4	2.6	2783 Btuh
	Wall Total		1082 (sqft)		2783 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	46.2	10.1	469 Btuh
2	Insulated - Exterior	20.4	10.1	207 Btuh
	Door Total	67 (sqft)		676 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1400.0	1.7	2363 Btuh
	Ceiling Total		1400 (sqft)		2363 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	156 (ft(p))	0.0	0 Btuh
	Floor Total		156.0 (sqft)		0 Btuh

			Load
	Envelope Subtotal:		11109 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.23	11200	1082	84.0	849 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	2	X 230	+	3400	3860 Btuh

Duct load	(DGM of 0.007)	104 Btuh
	Sensible Load All Zones	**15921 Btuh**

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	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)

Approved by ACCA MANUAL J

For Florida residences only

System Sizing Calculations - Summer

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) Summer Temperature Difference: 18.0 F 12/11/2006

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
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	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 Btuh
	Window Total				93 (sqft)					5287 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load
1	Frame - Wood - Ext		11.0/0.09		1082.4			2.6		2783 Btuh
	Wall Total				1082 (sqft)					2783 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Exterior				46.2			10.1		469 Btuh
2	Insulated - Exterior				20.4			10.1		207 Btuh
	Door Total				67 (sqft)					676 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle		30.0		1400.0			1.7		2363 Btuh
	Ceiling Total				1400 (sqft)					2363 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab On Grade		0.0		156 (ft(p))			0.0		0 Btuh
	Floor Total				156.0 (sqft)					0 Btuh
							Zone Envelope Subtotal:			11109 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)	CFM=		Load
	SensibleNatural		0.23		11200		1082	42.9		849 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			2	X	230	+		3400		3860 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Cond)							(DGM of 0.007)		104 Btuh
							Sensible Zone Load			**15921 Btuh**

Residential Window Diversity

MidSummer

Jack & Latasha Crary

Project Title:
B & B - Jack & Latasha Crary

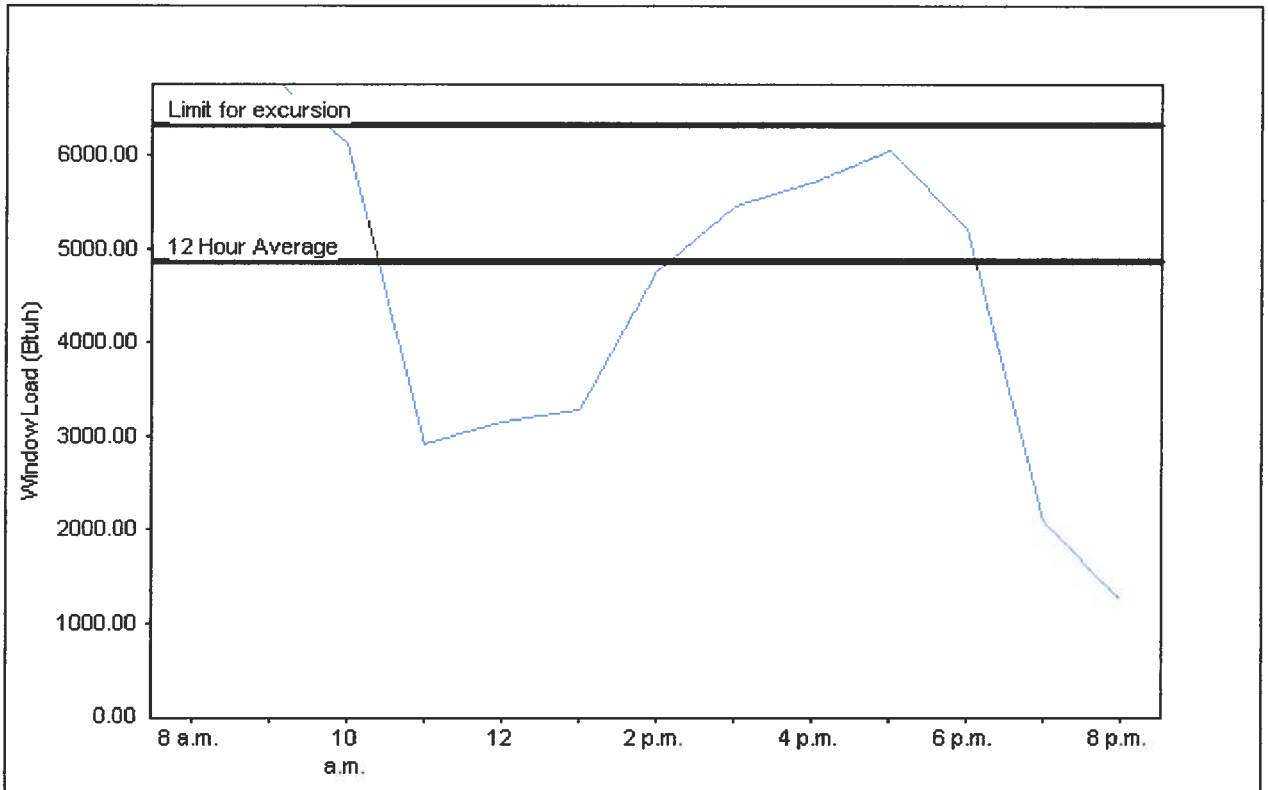
Code Only
Professional Version
Climate: North

12/11/2006

Weather data for: Tallahassee - Defaults

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



Total July Window Load(Radiation and conduction)

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: N Hopkins
DATE: 12-11-06

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	**CAPITOL**		
C. CASEMENT	**CAPITOL**		
D. DOUBLE HUNG	**CAPITOL**		
E. FIXED	**CAPITOL**		**FL681**
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	**VINYL SIDING**		**FL406**
B. SOFFITS	**CAMERON ASHLEY**		**FL406**
C. EIFS			
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 METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING 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			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL			
COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	**SIMPSON**		**FL402**
B. TRUSS PLATES	**ROBBINS**		**FL2934**
C. ENGINEERED LUMBER			
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A.			
B.			

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.

Mark L Bern

APPLICANT SIGNATURE

1/03/07

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.

B & B Homes Agrees to Comply with all Above mentioned Requirements on New Home For Jack Crosy & will provide P. A. S. sheets along w/ Envir Health cert.

Thank You:

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:2006028747 Date:12/06/2006 Time:09:40
DC,P.DeWitt Cason,Columbia County B:1104 P:122

O6Y - 1104S

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°22'22" W., 195 FEET; THENCE N 30°55'18" W., 245.61 FEET TO THE POINT OF ENDING.

2. General description of improvement: **construction of single family dwelling**

3. 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 $_____

6. 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)
   N/A

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}
JACK RODNEY CRARY

Latasha Donielle Crary {SEAL}
LATASHA DONIELLE CRARY

Sworn to and subscribed before me this **1st** day of **December, 2006**, by **JACK RODNEY CRARY and LATASHA DONIELLE ROMINE, N/K/A CRARY**, who are personally known to me or who have produced Driver's License as identification.

Martha Bryan
Notary Public
My Commission Expires: _____

Martha Bryan
DD232524 EXPIRES
2007

Inst:2006028717 Date:12/06/2006 Time:09:40
_____DC,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			
Base		As-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			
Base		As-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

FORM 600A-2004 EnergyGauge® 4.21

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	B & B - Jack & Latasha Crary	Builder:	B & B Homes
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:	Jack & Latasha Crary	Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu hr SEER: 13.00
3. Number of units, if multi-family	1	b. N A	
4. Number of Bedrooms	3	c. N A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	1400 ft²	a. Electric Heat Pump	Cap: 30.0 kBtu hr HSPF: 7.70
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		b. N A	
a. U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default) Area 93.0 ft²	c. N A	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 93.0 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons EF: 0.92
a. Slab-On-Grade Edge Insulation	R=0.0, 156.0(p) ft	b. N A	
b. N A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
c. N A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
9. Wall types			
a. Frame, Wood, Exterior	R=11.0, 1082.4 ft²		
b. N A			
c. N A			
d. N A			
e. N A			
10. Ceiling types			
a. Under Attic	R=30.0, 1400.0 ft²		
b. N A			
c. N A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 55.0 ft		
b. N A			

Glass/Floor Area: 0.07

Total as-built points: 18414

Total base points: 22661

PASS

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

PREPARED BY: _____

DATE: 12/11/06

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

OWNER/AGENT: _____

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: _____

DATE: _____

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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT						
WATER HEATING Number of Bedrooms	X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3	2635.00	7905.0	50.0	0.92	3	1.00	2635.00	1.00	7905.0
			As-Built Total:						**7905.0**

CODE COMPLIANCE STATUS

BASE				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

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

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

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1400.0	12.74	3210.5	Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8	
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8	
				Double, Clear	W	1.5	6.0	15.0	20.73	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	BWPM =	Points	Type			R-Value	Area X	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	BWPM =	Points	Type				Area X	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	Type			R-Value	Area X	WPM X	WCM =	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	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	156.0(p)	8.9	1388.4	Slab-On-Grade Edge Insulation			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	BWPM =	Points					Area X	WPM =		Points	
	1400.0	-0.59	-826.0					1400.0	-0.59		-826.0	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 18107.3			**Summer As-Built Points:**					**15800.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(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
18107.3	**0.4266**	**7724.6**	**15800.3**	**1.00**	**1.128**	**0.263**	**1.000**	**4680.5**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	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	
				Double, Clear	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	Type			R-Value	Area X	SPM =	Points		
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1082.4	1.70	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	Type				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 =	Points	Type			R-Value	Area X	SPM X SCM =	Points		
Under Attic	1400.0	1.73	2422.0	Under Attic			30.0	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 =	Points	Type			R-Value	Area 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		
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	SPM =	Points		
	1400.0	10.21	14294.0					1400.0	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	Single 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. N/A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)				
	a. U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default) 93.0 ft²		a. Electric Heat Pump	Cap: 30.0 kBtu/hr
	b. SHGC:				HSPF: 7.70
	(or Clear or Tint DEFAULT) 7b.	(Clear) 93.0 ft²		b. N/A	
8.	Floor types				
	a. Slab-On-Grade Edge Insulation	R=0.0, 156.0(p) ft		c. N/A	
	b. N/A				
	c. N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=11.0, 1082.4 ft²			EF: 0.92
	b. N/A			b. N/A	
	c. N/A				
	d. N/A			c. Conservation credits	
	e. N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1400.0 ft²		15. HVAC credits	
	b. N/A			(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 55.0 ft		MZ-C-Multizone cooling,	
	b. 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: Max LeSeur Date: 12-20-06

Address of New Home: 386 SW Bosemer CT City/FL Zip: Lake City 32024

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

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

BUILDING INPUT SUMMARY REPORT

PROJECT

Title:	B & B - Jack & Latasha Crary	**Family Type:**	Single	**Address Type:**	Street Address
Owner:	Jack & Latasha Crary	**New/Existing:**	New	**Lot #:**	N/A
# of Units:	1	**Bedrooms:**	3	**Subdivision:**	N/A
Builder Name:	B & B Homes	**Conditioned Area:**	1400	**Platbook:**	N/A
Climate:	North	**Total Stories:**	1	**Street:**	(blank)
Permit Office:	(blank)	**Worst Case:**	No	**County:**	(blank)
Jurisdiction #:	(blank)	**Rotate Angle:**	(blank)	**City, St, Zip:**	, ,

FLOORS

#	Floor Type	R-Val	Area/Perimeter	Units
1	Slab-On-Grade Edge Insulation	0.0	156.0(p) ft	1

DOORS

#	Door Type	Orientation	Area	Units
1	Insulated	Exterior	20.4 ft²	1
2	Insulated	Exterior	46.2 ft²	1

CEILINGS

#	Ceiling Type	R-Val	Area	Base Area	Units
1	Under Attic	30.0	1400.0 ft²	1400.0 ft²	1

Credit Multipliers: None

COOLING

#	System Type	Efficiency	Capacity
1	Central Unit	SEER: 13.00	30.0 kBtu/hr

Credit Multipliers: None

WALLS

#	Wall Type	Location	R-Val	Area	Units
1	Frame - Wood	Exterior	11.0	1082.4 ft²	1

HEATING

#	System Type	Efficiency	Capacity
1	Electric Heat Pump	COP: 7.70	30.0 kBtu/hr

Credit Multipliers: None

WINDOWS

#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
1	Double	Clear	E	15.0 ft²	1.5 ft	6.0 ft	2
2	Double	Clear	E	15.0 ft²	1.5 ft	6.0 ft	2
3	Double	Clear	W	15.0 ft²	1.5 ft	6.0 ft	1
4	Double	Clear	W	9.0 ft²	1.5 ft	4.0 ft	2

DUCTS

#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
1	Uncond.	Cond.	Interior	6.0	55.0 ft

Credit Multipliers: None

WATER

#	System Type	EF	Cap.	Conservation Type	Con. EF
1	Electric Resistance	0.92	50.0	None	0.00

REFR.

#	Use Default?	Annual Operating Cost	Electric Rate
1	Yes	N/A	N/A

MISC

Rater Name:	CodeOnlyPro	**Class #:**	3	**Pool Size:**	0
Rater Certification #:	CodeOnlyPro	**Duct Leakage Type:**	N/A	**Pump Size:**	0.00 hp
Area Under Fluorescent:	0.0	**Visible Duct Disconnects:**	N/A	**Dryer Type:**	Electric
Area Under Incandescent:	1400.0	**Leak Free Duct System Proposed:**	No	**Stove Type:**	Electric
NOTE: Not all Rating info shown		**HRV/ERV System Present?:**	No	**Avg Ceil Hgt:**	

Residential System Sizing Calculation

Summary

Jack & Latasha Crary

Project Title:
B & B - Jack & Latasha Crary

Code Only
Professional Version
Climate: North

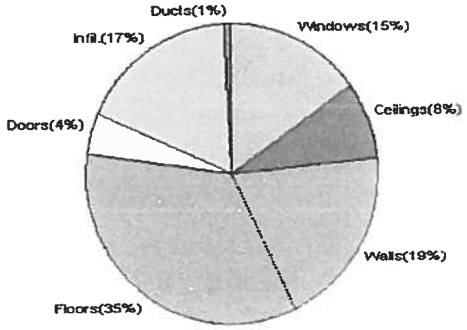
12/11/2006

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)

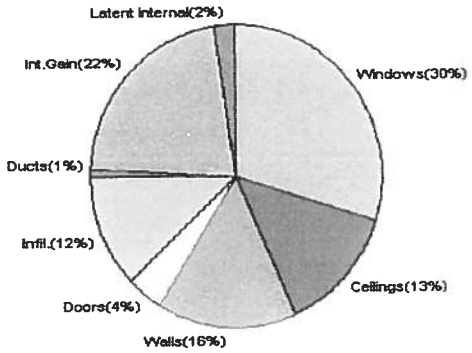
Load component			Load	
Window total	93	sqft	3398	Btuh
Wall total	1082	sqft	4313	Btuh
Door total	67	sqft	980	Btuh
Ceiling total	1400	sqft	1873	Btuh
Floor total	156	sqft	7731	Btuh
Infiltration	84	cfm	3874	Btuh
Duct loss			153	Btuh
Subtotal			**22322**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**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/occupants/other)			400	Btuh
Total latent gain			**1768**	**Btuh**
TOTAL HEAT GAIN			**17690**	**Btuh**



EnergyGauge® System Sizing
PREPARED BY: M Hopkins
DATE: 12/11/06

For Florida residences only

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 - 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	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	Type	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		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		7731 Btuh
			Envelope Subtotal:		18294 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.45	11200	1082	84.0
					3874 Btuh
Ductload				(DLM of 0.007)	153 Btuh
All Zones			**Sensible Subtotal 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
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	Type	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		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		7731 Btuh
			Zone Envelope Subtotal:		18294 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.45	11200	1082	84.0
					3874 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Cond) (DLM of 0.007)				153 Btuh
Zone #1			**Sensible Zone Subtotal**		**22322 Btuh**

WHOLE HOUSE TOTALS

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

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

Whole House Totals for Cooling	**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
	Total sensible gain	**15921 Btuh**
	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*		Overhang		Window Area(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	E	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 Btuh
	Window Total				93 (sqft)					5287 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load
1	Frame - Wood - Ext		11.0/0.09		1082.4			2.6		2783 Btuh
	Wall Total				1082 (sqft)					2783 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Exterior				46.2			10.1		469 Btuh
2	Insulated - Exterior				20.4			10.1		207 Btuh
	Door Total				67 (sqft)					676 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle		30.0		1400.0			1.7		2363 Btuh
	Ceiling Total				1400 (sqft)					2363 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab On Grade		0.0		156 (ft(p))			0.0		0 Btuh
	Floor Total				156.0 (sqft)					0 Btuh
					Envelope Subtotal:					11109 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)	CFM=		Load
	SensibleNatural		0.23		11200		1082	84.0		849 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			2	X	230	+		3400		3860 Btuh
Duct load							(DGM of 0.007)			104 Btuh
					Sensible Load All Zones					**15921 Btuh**

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

Whole House Totals for Cooling	**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
	Total sensible gain	**15921 Btuh**
	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

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 Zone #1: Main

	Type*		Overhang		Window Area(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	E	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 Btuh
	Window Total				93 (sqft)					5287 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load
1	Frame - Wood - Ext		11.0/0.09		1082.4			2.6		2783 Btuh
	Wall Total				1082 (sqft)					2783 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Exterior				46.2			10.1		469 Btuh
2	Insulated - Exterior				20.4			10.1		207 Btuh
	Door Total				67 (sqft)					676 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle		30.0		1400.0			1.7		2363 Btuh
	Ceiling Total				1400 (sqft)					2363 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab On Grade		0.0		156 (ft(p))			0.0		0 Btuh
	Floor Total				156.0 (sqft)					0 Btuh
							Zone Envelope Subtotal:			11109 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)		CFM=	Load
	SensibleNatural		0.23		11200		1082		42.9	849 Btuh
Internal gain			Occupants		Btuh/occupant				Appliance	Load
			2	X	230	+			3400	3860 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Cond)							(DGM of 0.007)		104 Btuh
							Sensible Zone Load			**15921 Btuh**

Residential Window Diversity

MidSummer

Jack & Latasha Crary

Project Title:
B & B - Jack & Latasha Crary

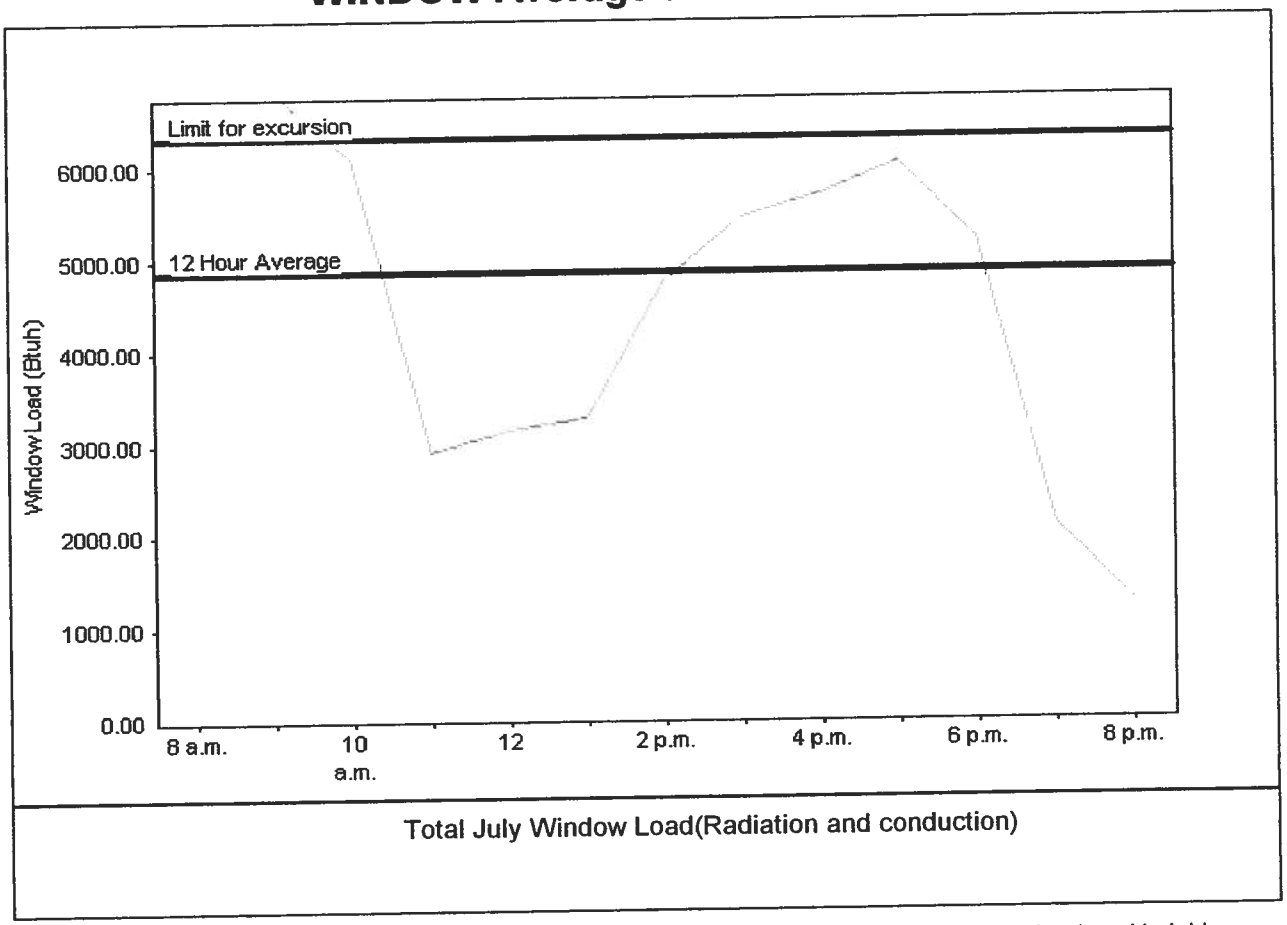
Code Only
Professional Version
Climate: North

12/11/2006

Weather data for: Tallahassee - Defaults

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

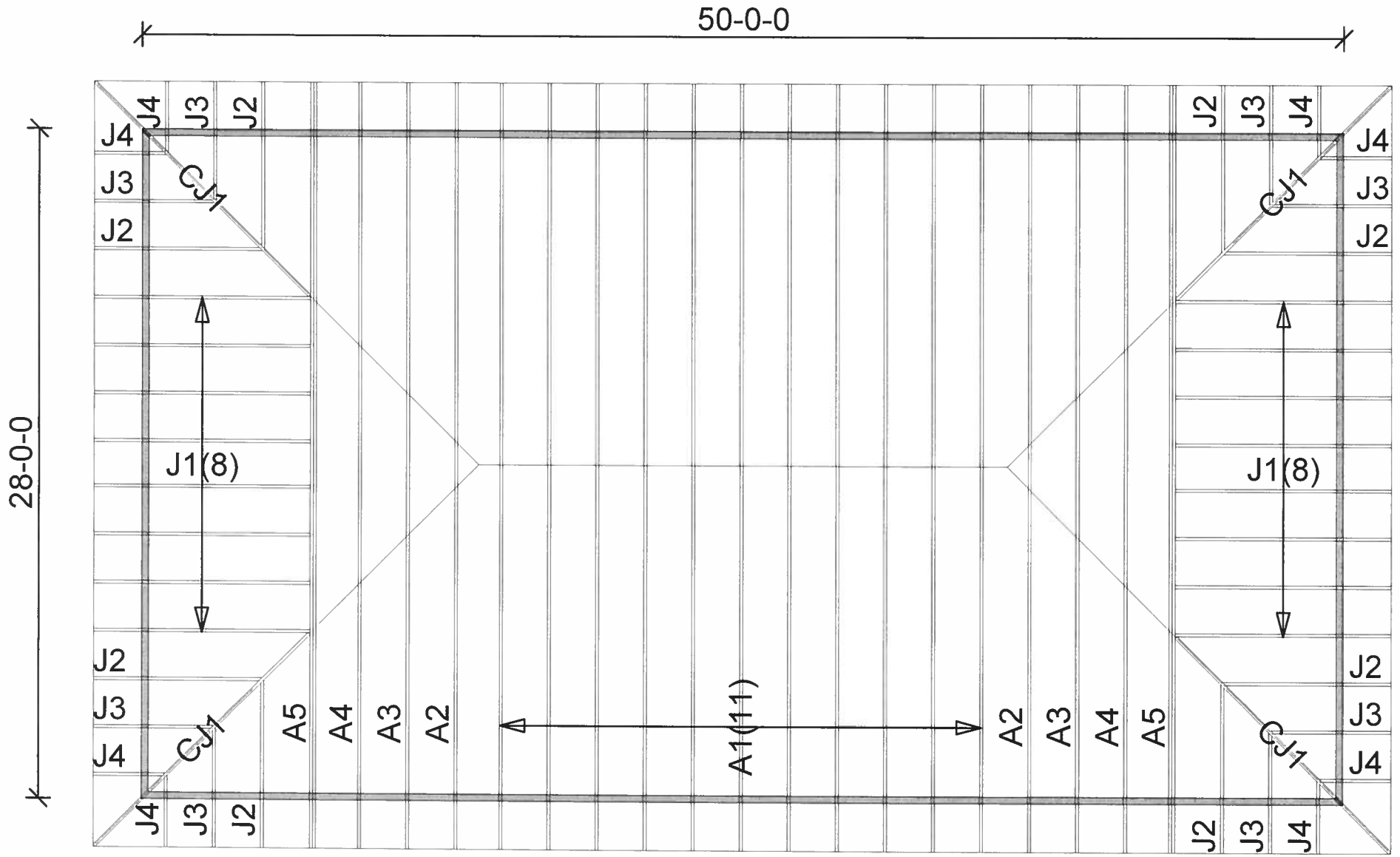
WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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: N Hopkins
DATE: 12-11-06



Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

B & B HOMES, INC.

CRARY RESIDENCE

110 MPH ASCE WIND LOAD

Roof Loading
TC Live: 20.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 10.00 psf
TC Stress Inc: 25.00
BC Stress Inc: 25.00
Spacing: 2- 0- 0 o.c.

Account: CONTRACTORS
Job: bb-crary
Designer: M.MURRAY
Checker:
Date: 12-14-06

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

The information in this box is for administrative purposes only and is not part of the engineering review

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: bb-crary - CRARY

Standard Loading:

T C Live	20 psf
T C Dead	10 psf
B C Live	0 psf
B C Dead	10 psf
Total	40 psf

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

Engineering Index Sheet

Index Page 1 of 1

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

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06121047	12/12/2006		10

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 responsibilty of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specificstion 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)

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

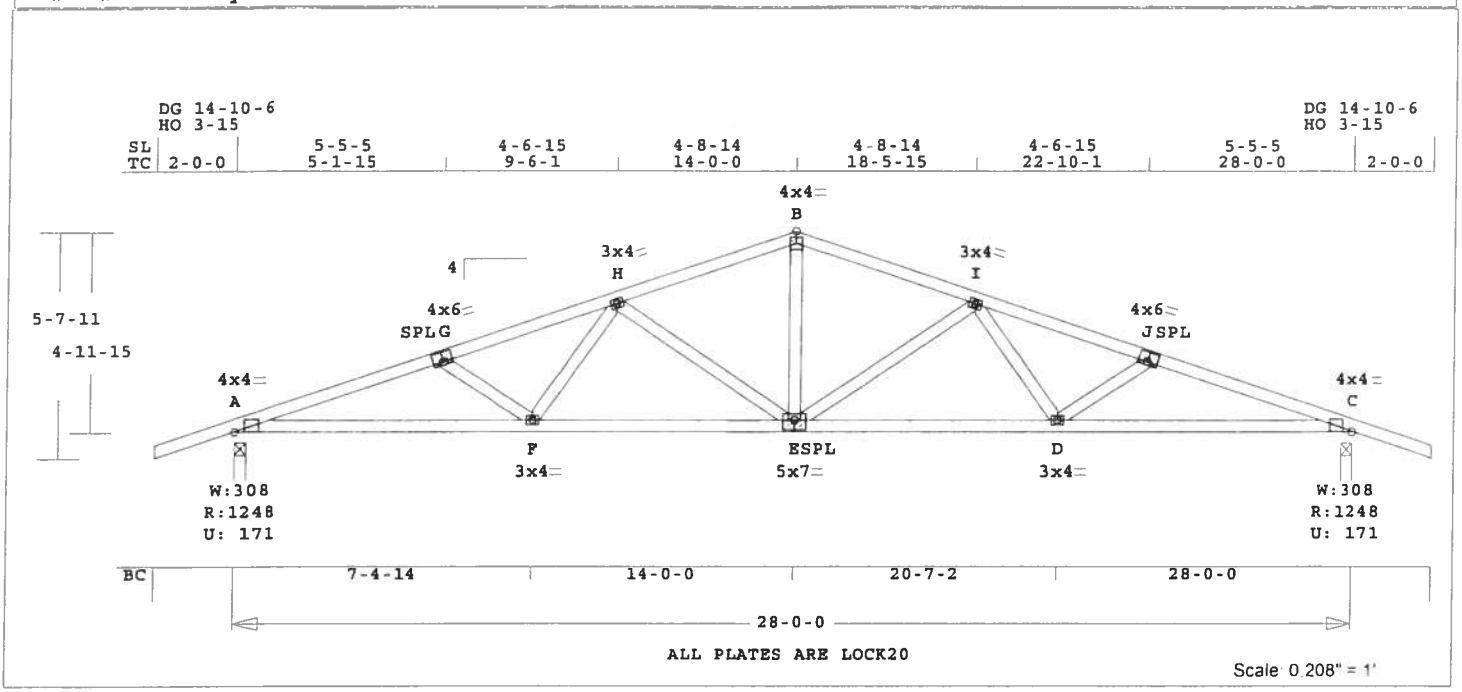
	Date	Mark
1	12/12/06	A1
2	12/12/06	A2
3	12/12/06	A3
4	12/12/06	A4
5	12/12/06	A5
6	12/12/06	CJ1
7	12/12/06	J1
8	12/12/06	J2
9	12/12/06	J3
10	12/12/06	J4

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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A1	11	TR	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 169.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.56	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	28- 0- 0
BC Cont.		0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Req'd In-Sx
A	1248	172	3- 8	1- 8
			Hz =	-60
C	1248	172	3- 8	1- 8
			Hz =	61

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -G	0.27	2758 C		0.17	0.10
G -H	0.30	2491 C		0.15	0.15
H -B	0.26	1759 C		0.11	0.15
B -I	0.26	1759 C		0.11	0.15
I -J	0.30	2492 C		0.15	0.15
J -C	0.27	2758 C		0.17	0.10
Bottom Chords					
A -F	0.56	2618 T		0.43	0.13
F -E	0.49	2168 T		0.36	0.13
E -D	0.49	2168 T		0.36	0.13
D -C	0.56	2618 T		0.43	0.13

Webs			
G -F	0.04	306	C
F -H	0.06	407	T
H -E	0.23	614	C
E -B	0.15	849	T
E -I	0.23	614	C
I -D	0.06	407	T
D -J	0.04	306	C

TL Defl -0.30" in E -D L/999
LL Defl -0.14" in E -D L/999
Shear // Grain in G -H 0.17

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
A	LOCK	4.0x 4.0	Ctr	0.1	0.95
G	LOCK	4.0x 6.0	-0.3	1.0	0.66
H	LOCK	3.0x 4.0	Ctr	Ctr	0.57
B	LOCK	4.0x 4.0	Ctr	Ctr	0.79
I	LOCK	3.0x 4.0	Ctr	Ctr	0.57
J	LOCK	4.0x 6.0	0.3	1.0	0.66
C	LOCK	4.0x 4.0	Ctr	0.1	0.95
F	LOCK	3.0x 4.0	Ctr	Ctr	0.51
E	LOCK	5.0x 7.0	Ctr	-0.5	0.67
D	LOCK	3.0x 4.0	Ctr	Ctr	0.51

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

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

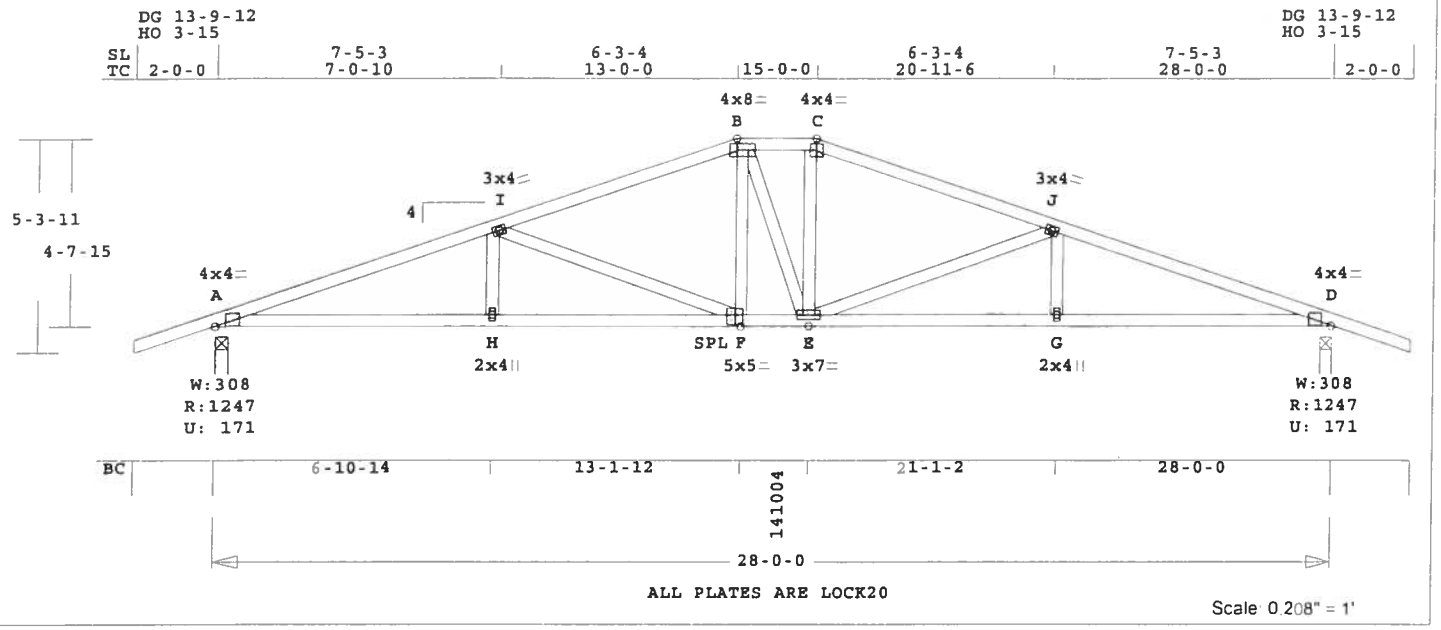
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2758 Lbs
Quality Control Factor 1.25

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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
bb-crary	A2	2	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
BC	0.58	2x 4	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 0- 0
BC Cont.	0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1248	172	3- 8	1- 8
			Hz =	-55
D	1248	172	3- 8	1- 8
			Hz =	56

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -I	0.44	2670 C	0.10	0.34
I -B	0.38	1875 C	0.11	0.27
B -C	0.22	1773 C	0.12	0.10
C -J	0.38	1875 C	0.02	0.36
J -D	0.44	2670 C	0.10	0.34
--------Bottom Chords---------				
A -H	0.58	2539 T	0.42	0.16
H -F	0.52	2539 T	0.42	0.10
F -E	0.37	1766 T	0.29	0.08
E -G	0.52	2539 T	0.42	0.10
G -D	0.58	2539 T	0.42	0.16
----------Webs----------				
H -I	0.04	269 T		
I -F	0.44	816 C		
F -B	0.06	361 T		
B -E	0.01	71 C		
E -C	0.06	346 T		
E -J	0.44	817 C		
G -J	0.04	267 T		

TL Defl -0.30" in H -F L/999
LL Defl -0.14" in F -E L/999
Shear // Grain in A -I 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
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 4.0	Ctr	0.1	0.92
I	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 8.0	Ctr	Ctr	1.00
C	LOCK	4.0x 4.0	Ctr	Ctr	1.00
J	LOCK	3.0x 4.0	Ctr	Ctr	0.63
D	LOCK	4.0x 4.0	Ctr	0.1	0.92
H	LOCK	2.0x 4.0	Ctr	Ctr	0.40
F	LOCK	5.0x 5.0	Ctr	-0.5	0.67
E	LOCK	3.0x 7.0	Ctr	Ctr	0.60
G	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

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

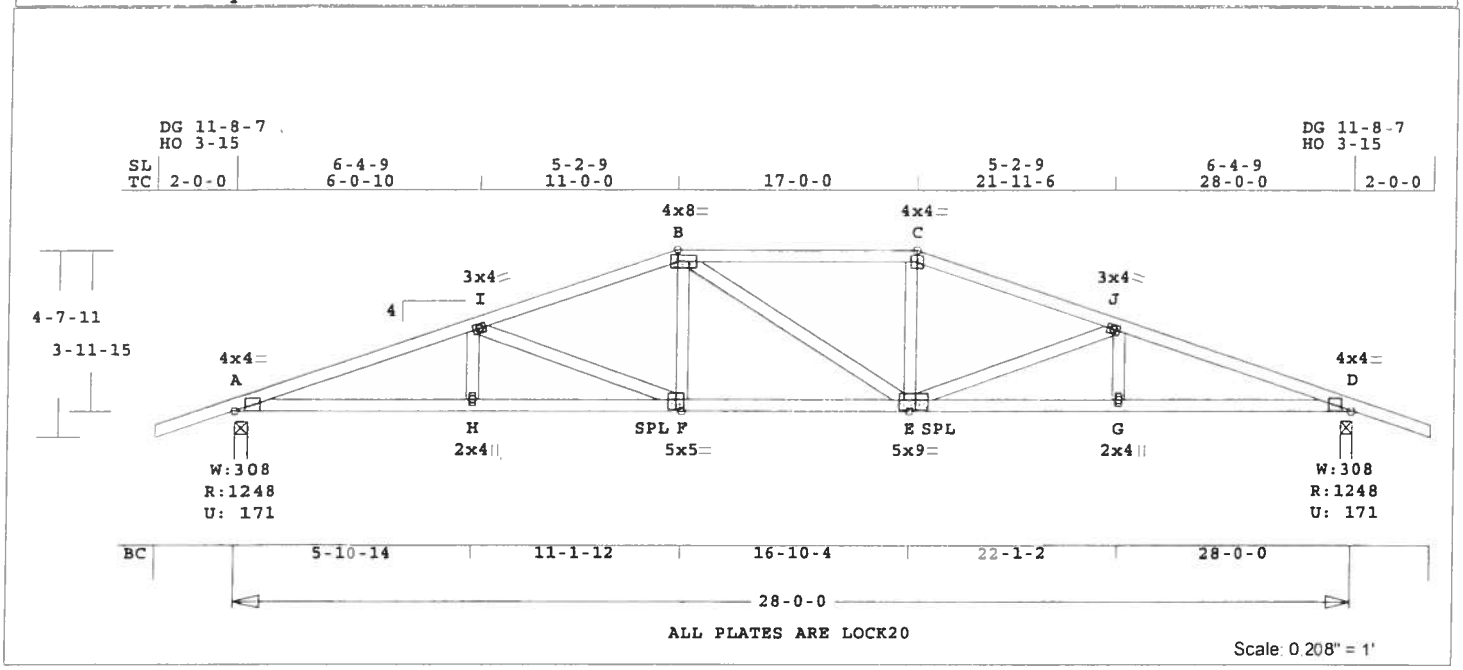
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2670 Lbs
Quality Control Factor 1.25

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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
bb-crary	A3	2	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 167.7 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.38	2x 4	SP-#2
BC	0.55	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	28- 0- 0
BC	Cont.	0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
A	1248	172	3- 8	1- 8
			Hz = -47	
D	1248	172	3- 8	1- 8
			Hz = 48	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.33	2724	C	0.16	0.17
I -B	0.29	2130	C	0.12	0.17
B -C	0.38	2022	C	0.04	0.34
C -J	0.29	2130	C	0.12	0.17
J -D	0.33	2725	C	0.16	0.17
Bottom Chords					
A -H	0.55	2585	T	0.43	0.12
H -F	0.51	2585	T	0.43	0.08
F -E	0.42	2013	T	0.33	0.09
E -G	0.52	2587	T	0.43	0.09
G -D	0.55	2587	T	0.43	0.12
Webs					
H -I	0.03	208	T		
I -F	0.23	601	C		
F -B	0.06	379	T		
B -E	0.03	64	C		
E -C	0.06	379	T		
E -J	0.23	604	C		
G -J	0.03	205	T		

TL Defl -0.31" in F -E L/999
LL Defl -0.14" in F -E L/999
Shear // Grain in B -C 0.21

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
A	LOCK	4.0x 4.0	Ctr	0.1	0.94
I	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 8.0	Ctr	Ctr	1.00
C	LOCK	4.0x 4.0	Ctr	Ctr	1.00
J	LOCK	3.0x 4.0	Ctr	Ctr	0.63
D	LOCK	4.0x 4.0	Ctr	0.1	0.94
H	LOCK	2.0x 4.0	Ctr	Ctr	0.40
F	LOCK	5.0x 5.0	Ctr	-0.5	0.67
E	LOCK	5.0x 9.0	-0.5	-0.5	0.67
G	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

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

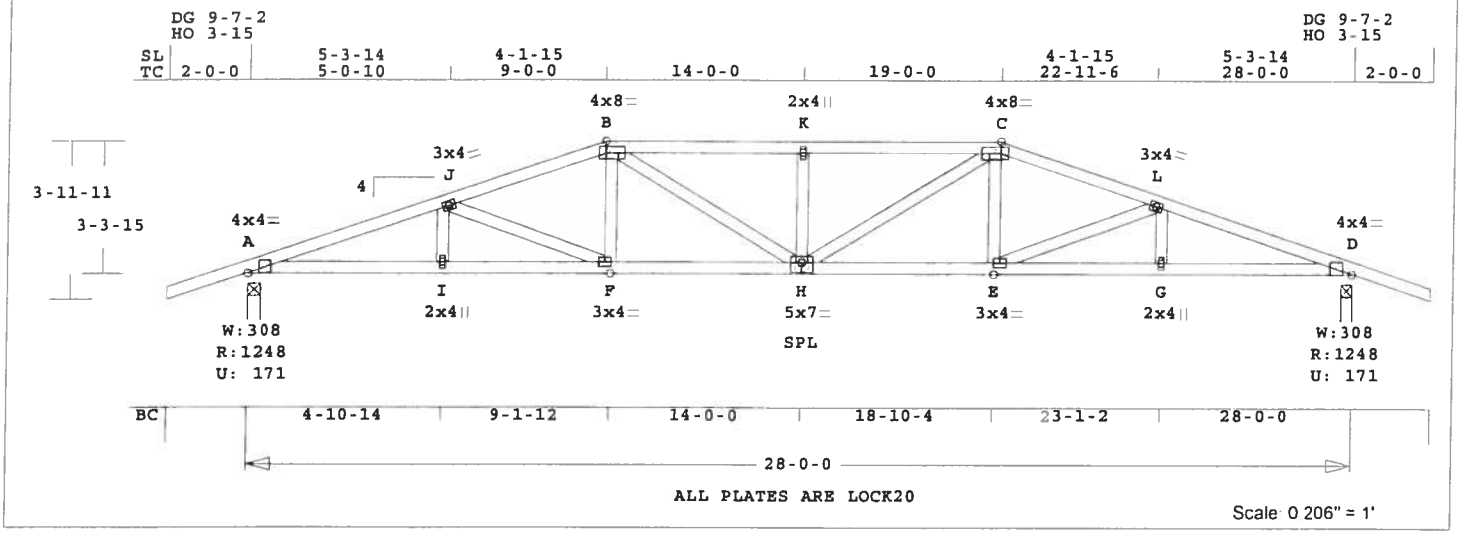
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2725 Lbs
Quality Control Factor 1.25

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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
bb-crary	A4	2	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.27	2x 4	SP-#2
BC	0.53	2x 4	SP-#2
WB	0.10	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 0- 0
BC Cont.	0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1248	172	3- 8	1- 8
			Hz =	-38
D	1248	172	3- 8	1- 8
			Hz =	39

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -J	0.26	2773 C		0.15	0.11
J -B	0.26	2359 C		0.14	0.12
B -K	0.27	2578 C		0.04	0.23
K -C	0.27	2578 C		0.04	0.23
C -L	0.26	2359 C		0.14	0.12
L -D	0.26	2773 C		0.16	0.10
Bottom Chords					
A -I	0.53	2628 T		0.44	0.09
I -F	0.52	2628 T		0.44	0.08
F -H	0.43	2233 T		0.37	0.06
H -E	0.43	2233 T		0.37	0.06
E -G	0.52	2628 T		0.44	0.08
G -D	0.53	2628 T		0.44	0.09
Webs					
I -J	0.02	152 T			
J -F	0.10	413 C			
F -B	0.04	301 T			
B -H	0.07	402 T			
H -K	0.04	323 C			
H -C	0.07	402 T			
E -C	0.04	301 T			
E -L	0.10	413 C			
G -L	0.02	152 T			

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

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
A	LOCK	4.0x 4.0	Ctr	0.1	0.96
J	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 8.0	Ctr	Ctr	1.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	4.0x 8.0	Ctr	Ctr	1.00
L	LOCK	3.0x 4.0	Ctr	Ctr	0.63
D	LOCK	4.0x 4.0	Ctr	0.1	0.96
I	LOCK	2.0x 4.0	Ctr	Ctr	0.40
F	LOCK	3.0x 4.0	Ctr	Ctr	0.60
H	LOCK	5.0x 7.0	Ctr	-0.5	0.67
E	LOCK	3.0x 4.0	Ctr	Ctr	0.60
G	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

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

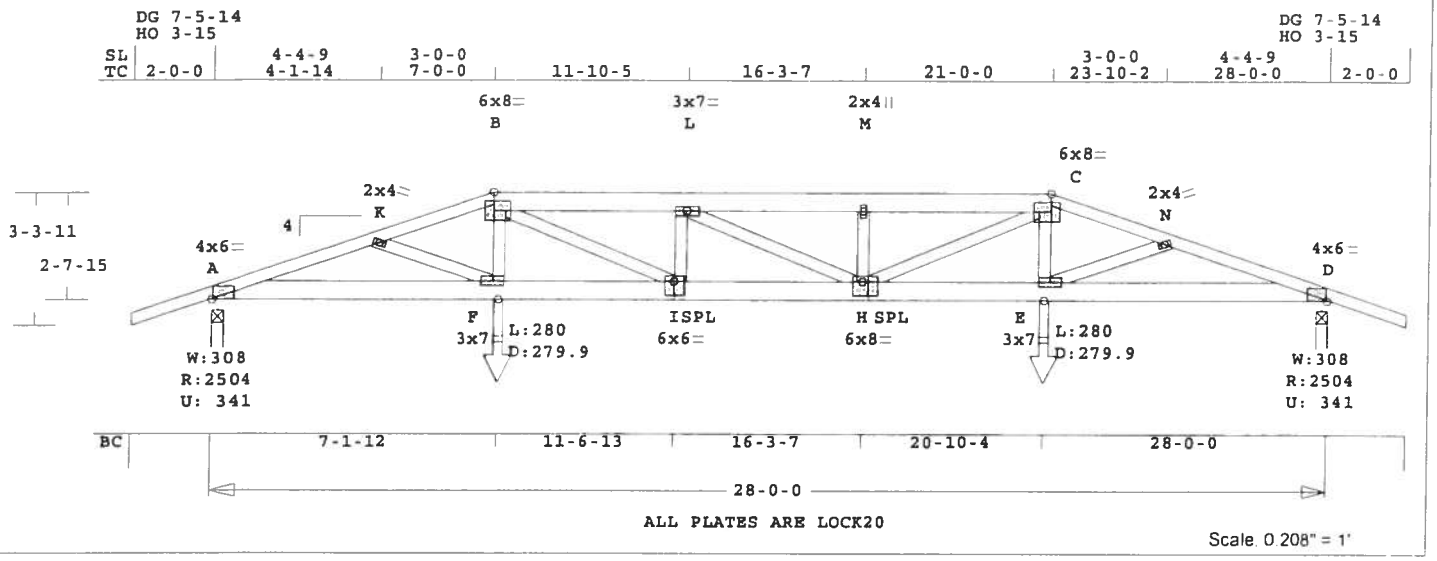
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
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

Date Scaled: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A5	2*2P	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 206.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06
****
* 2-Ply Truss *
****

	CSI	Size	Lumber
TC	0.37	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.63	2x 6	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	28- 0- 0
BC Cont.		0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
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

plf -	Live	Dead	From	To
TC V	40	20	0.0'	28.0'
BC V	0	20	0.0'	28.0'
TC V	50	25	7.0'	21.0'
BC V	0	25	7.1'	20.9'
BC V	280	280	7.1'	CL-LB
BC V	280	280	20.9'	CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	2504	341	3- 8	1- 8
			Hz =	-28
D	2504	341	3- 8	1- 8
			Hz =	29

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -K	0.27	6657	C	0.09	0.18
K -B	0.37	6641	C	0.09	0.28
B -L	0.27	8382	C	0.19	0.08
L -M	0.24	8377	C	0.19	0.05
M -C	0.27	8377	C	0.19	0.08
C -N	0.37	6642	C	0.09	0.28
N -D	0.27	6657	C	0.09	0.18
Bottom Chords					
A -F	0.57	6299	T	0.42	0.15
F -I	0.53	6302	T	0.42	0.11
I -H	0.63	8383	T	0.56	0.07
H -E	0.53	6302	T	0.42	0.11
E -D	0.57	6299	T	0.42	0.15
Webs					
K -F	0.01	136	T		
F -B	0.06	701	T		
B -I	0.20	2273	T		
I -L	0.03	676	C		
L -H	0.00	38	T		
H -M	0.03	675	C		
H -C	0.20	2266	T		
E -C	0.06	702	T		
E -N	0.01	135	T		

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

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
A	LOCK	4.0x 6.0	3.2	1.8	1.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.40
B	LOCK	6.0x 8.0	-0.5	Ctr	1.00
L	LOCK	3.0x 7.0	Ctr	Ctr	0.44
M	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	6.0x 8.0	0.5	Ctr	1.00
N	LOCK	2.0x 4.0	Ctr	Ctr	0.40
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
H	LOCK	6.0x 8.0	-1.0	-1.2	0.73
E	LOCK	3.0x 7.0	Ctr	Ctr	0.47

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

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

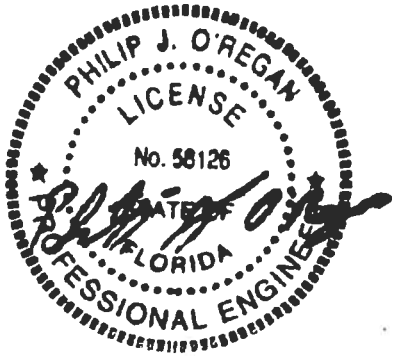
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	12	24	0
WB	1	8	8	

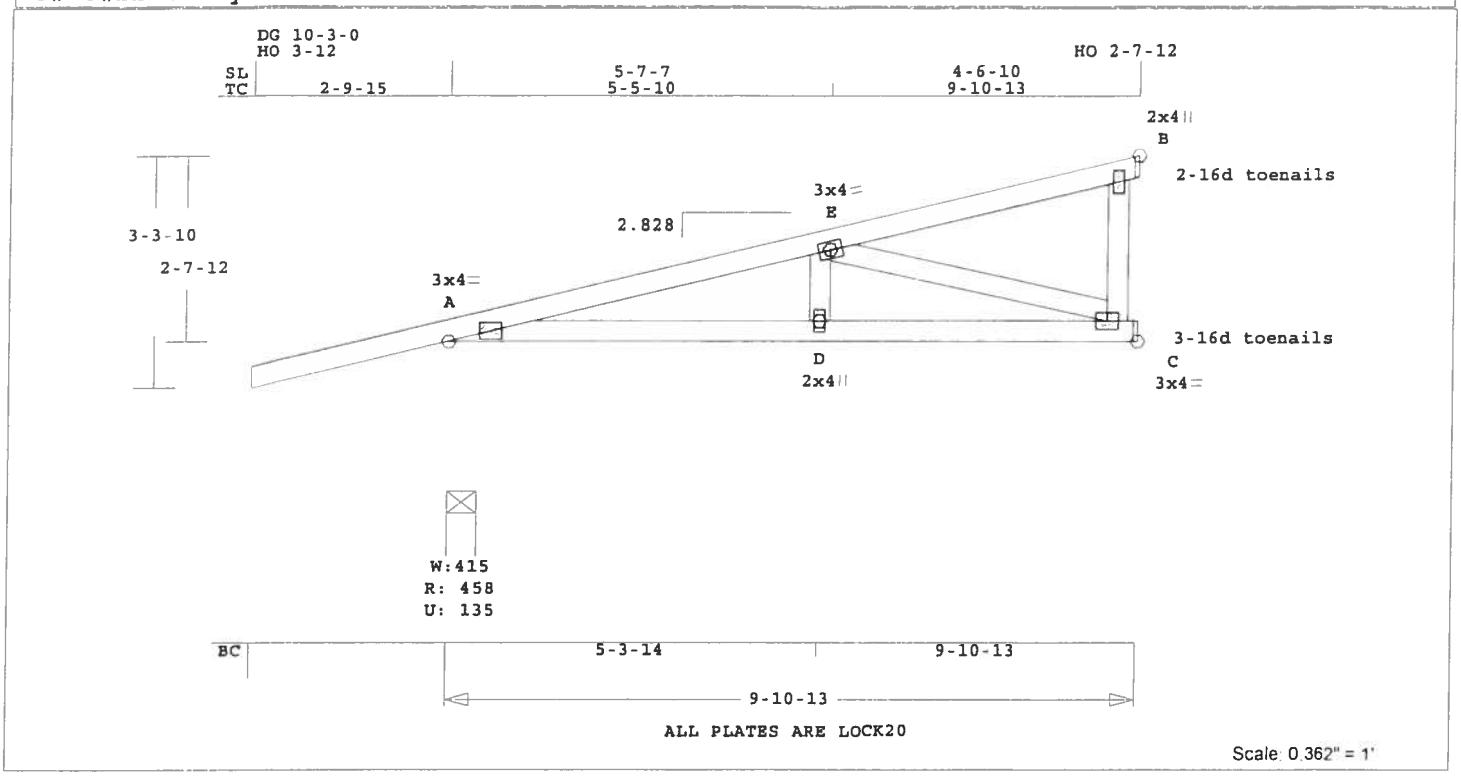
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 8382 Lbs
Quality Control Factor 1.25

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	CJ1	4	MONO.DD	91013	2.828	2- 9-15	0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 57.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.29	2x 4	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9-10-13
BC Cont.	0- 0- 0	9-10-13

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
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

plf - Live	Dead	From	To
TC V 40	20	0.0'	9.9'
BC V 0	20	0.0'	9.9'
TC V -40	-20	0.0'	
45	22		9.9'
BC V 0	-20	0.0'	
0	22		9.9'

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.29	879 C	0.06 0.23
E -B	0.33	52 T	0.00 0.33
--------Bottom Chords---------			
A -D	0.23	867 T	0.10 0.13
D -C	0.29	867 T	0.10 0.19
-------------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	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
E	LOCK	3.0x 4.0	Ctr	Ctr	0.48
B	LOCK	2.0x 4.0	Ctr	Ctr	0.38
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:

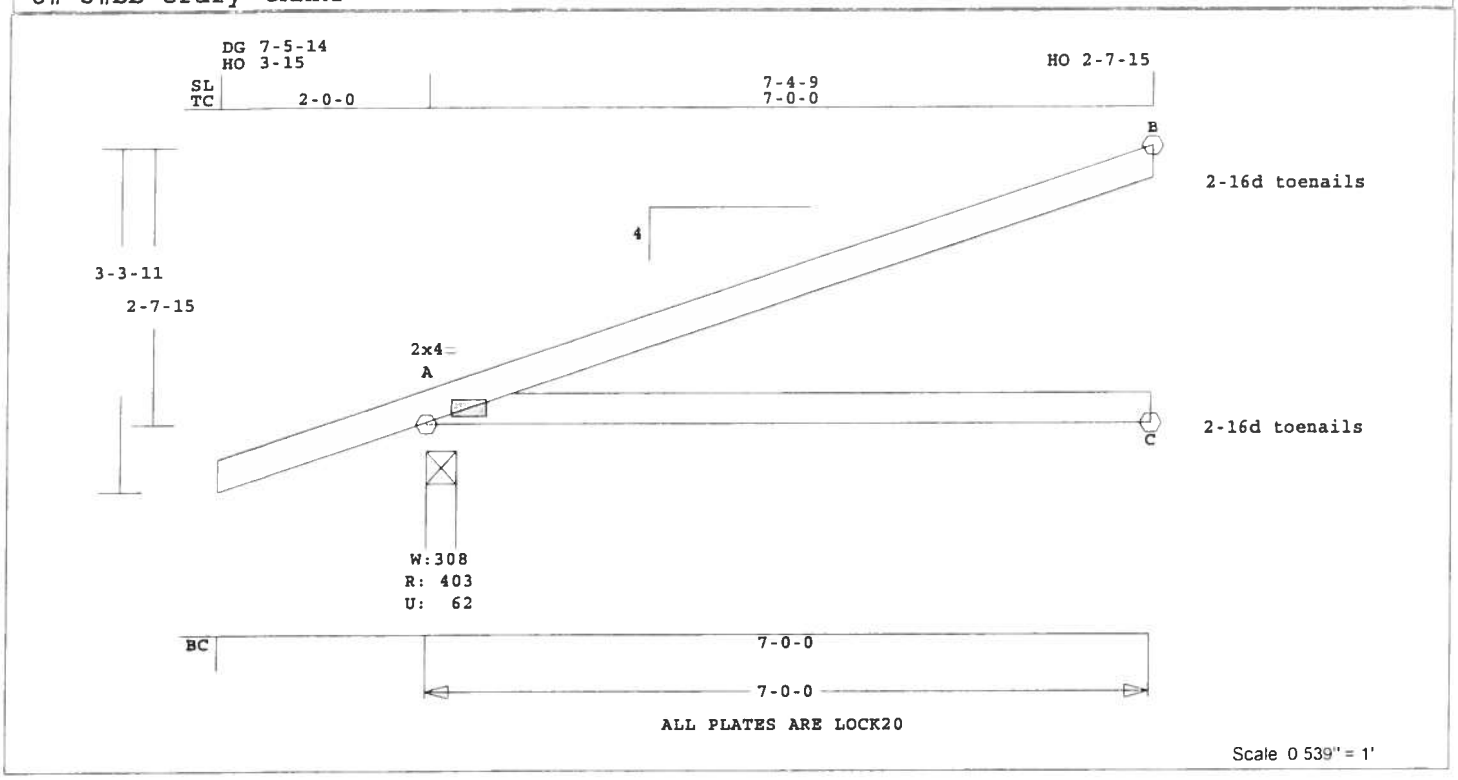
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss 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
BC Dead Load: 5.0 psf
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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J1	16	JCA2	70'00	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.3 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	7- 0- 0
BC Cont.	0- 0- 0	7- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.47	102 C	0.00 0.47
--------Bottom Chords---------			
A -C	0.35	0 T	0.00 0.35

TL Defl -0.17" in A -C L/440
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
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: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 102 Lbs
Quality Control Factor 1.25

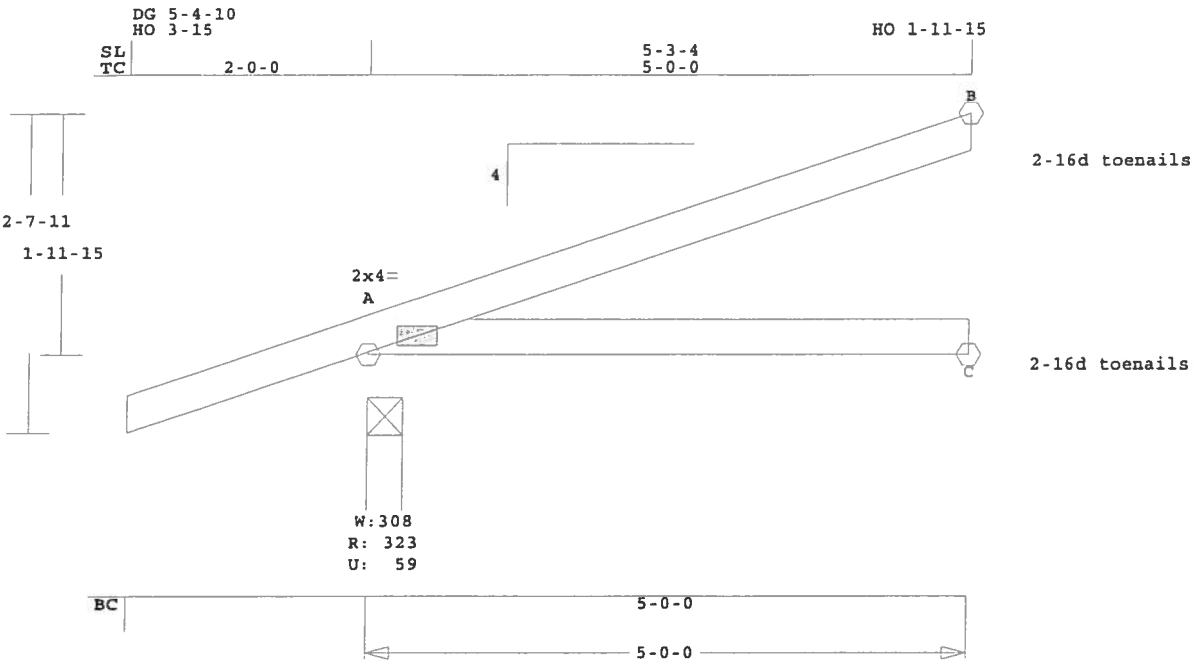
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

PHILIP J. O'REGAN LICENSE No. 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J2	8	JCA2	50000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	5- 0- 0
BC Cont.	0- 0- 0	5- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.26	84 C	0.00 0.26
--------Bottom Chords---------			
A -C	0.21	0 T	0.00 0.21

TL Defl -0.04" in A -C L/999
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
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

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

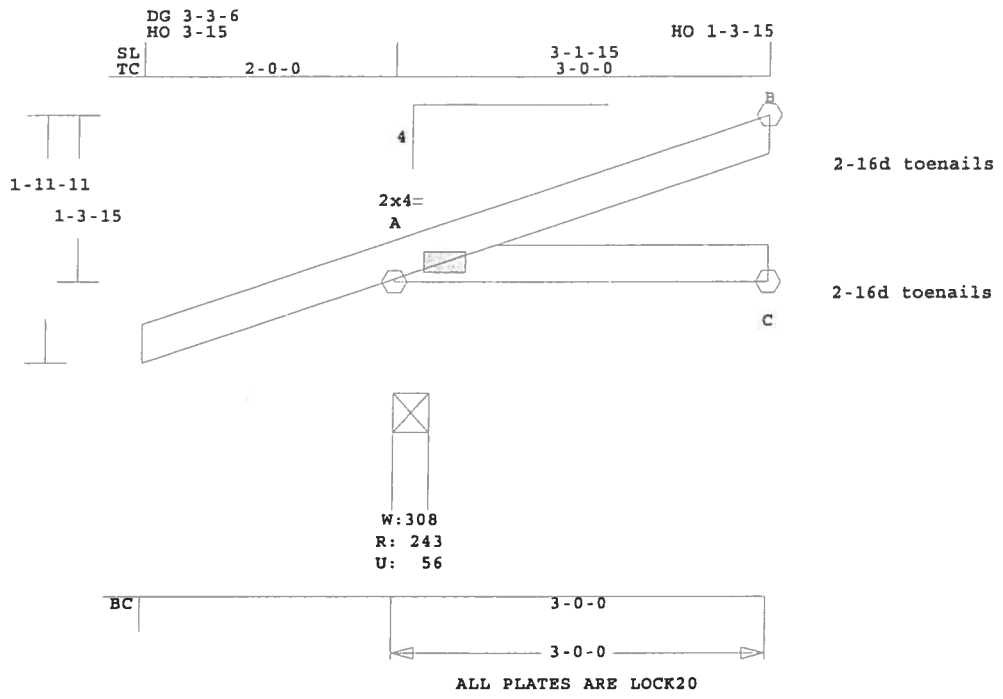
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 84 Lbs
Quality Control Factor 1.25

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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J3	8	JCA2	30000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Scale 0.649" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3- 0- 0
BC Cont.	0- 0- 0	3- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.08	53 C	0.00 0.08
--------Bottom Chords---------			
A -C	0.08	0 T	0.00 0.08

TL Defl 0.00" in A -C L/999
LL Defl 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
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

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: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 53 Lbs
Quality Control Factor 1.25

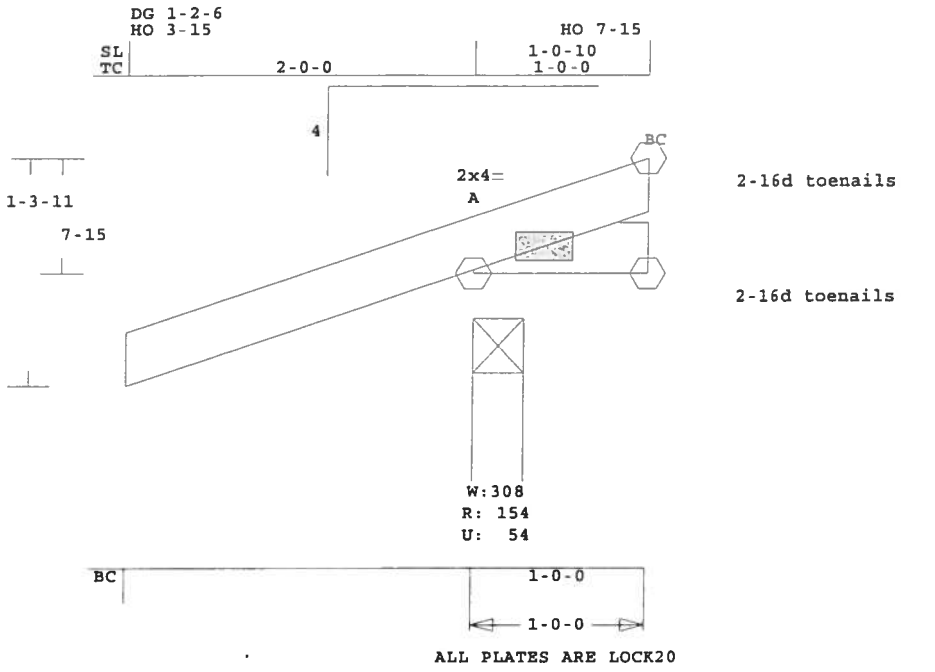
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

PHILIP J. O'REGAN LICENSE No. 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J4	8	JCA2	10000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Scale 0.899" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.00	2x 4	SP-#2
BC	0.00	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	1- 0- 0
BC Cont.	0- 0- 0	1- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in B -B 0.01

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
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

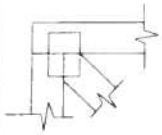
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3 Lbs
Quality Control Factor 1.25

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

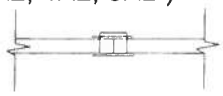
ROBBINS ENG. GENERAL NOTES & SYMBOLS

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 (3X2, 4X2, 6X2)

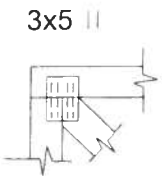


(W) = Wide Face Plate
(N) = Narrow Face Plate

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.

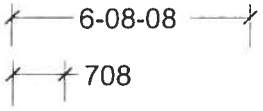
PLATE SIZE AND ORIENTATION

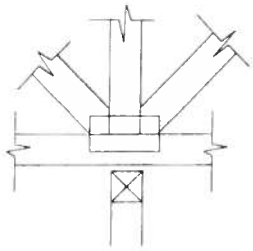


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

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.

Robbins Engineering, Inc.

6904 Parke East Blvd.
Tampa, Fl 33610-4115
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			
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 METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING 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			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL			
COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	**SIMPSON**		**FL402**
B. TRUSS PLATES	**ROBBINS**		**FL2934**
C. ENGINEERED LUMBER			
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A.			
B.			

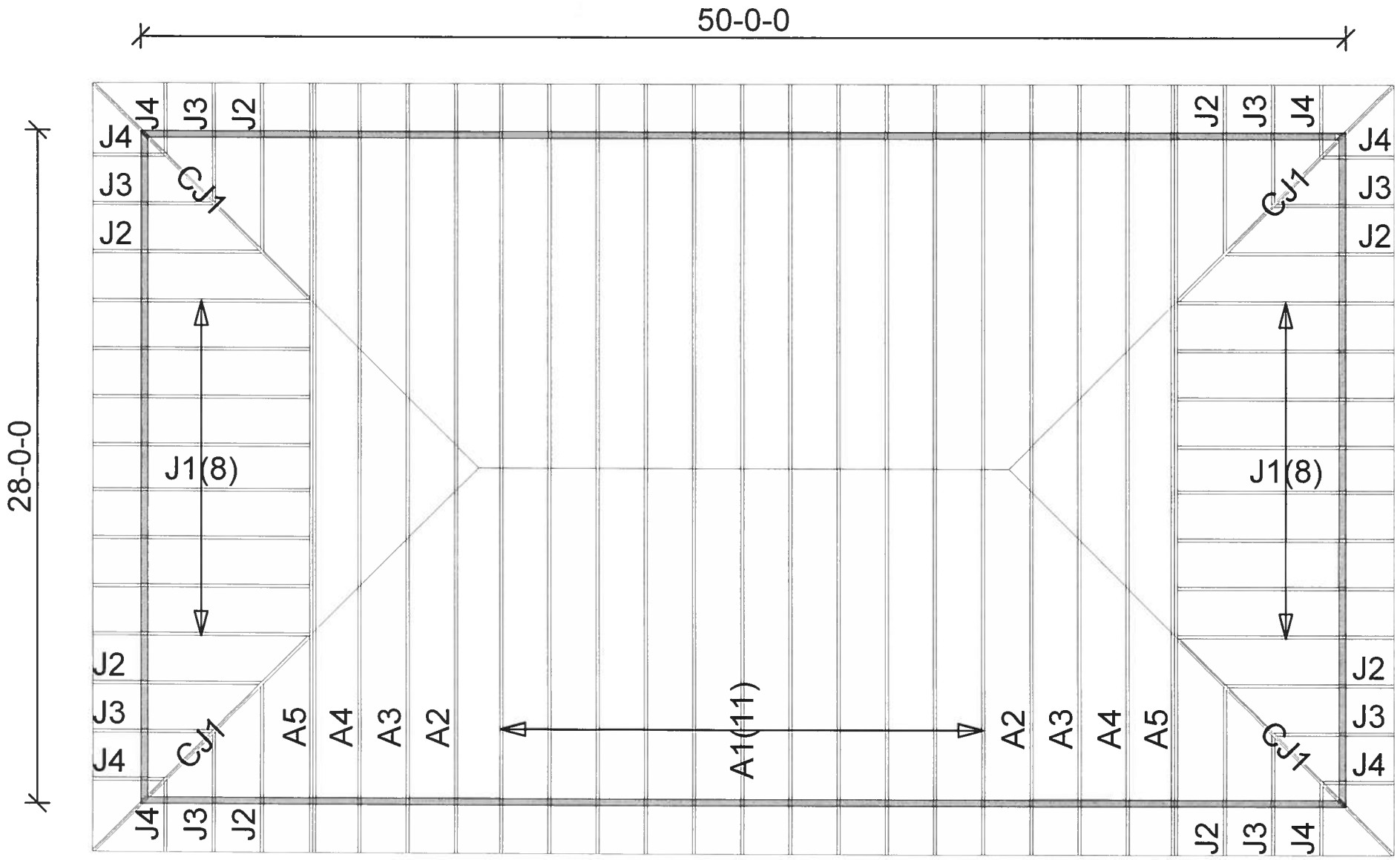
The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product 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.

Mark L Barr

APPLICANT SIGNATURE

12-20-06

DATE



Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

B & B HOMES, INC.

CRARY RESIDENCE

110 MPH ASCE WIND LOAD

Roof Loading
TC Live: 20.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 10.00 psf
TC Stress Inc: 25.00
BC Stress Inc: 25.00
Spacing: 2- 0- 0 o.c.

Account: CONTRACTORS
Job: bb-crary
Designer: M.MURRAY
Checker:
Date: 12-14-06

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

The information in this box is for administrative purposes only and is not part of the engineering review.

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: bb-crary - CRARY

Standard Loading:

T C Live	20 psf
T C Dead	10 psf
B C Live	0 psf
B C Dead	10 psf
Total	40 psf

ROBBINS ENGINEERING, INC.

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

Engineering Index Sheet

Index Page 1 of 1

ANSI/ASCE 7-02
Wind Speed - 110 MPH
Mean Roof Ht - 15 FT
Exposure Catergory - B
Occupancy Factor - 1 00
C and C
Enclosed

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06121047	12/12/2006		10

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 responsibilty of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specificstion 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)

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						

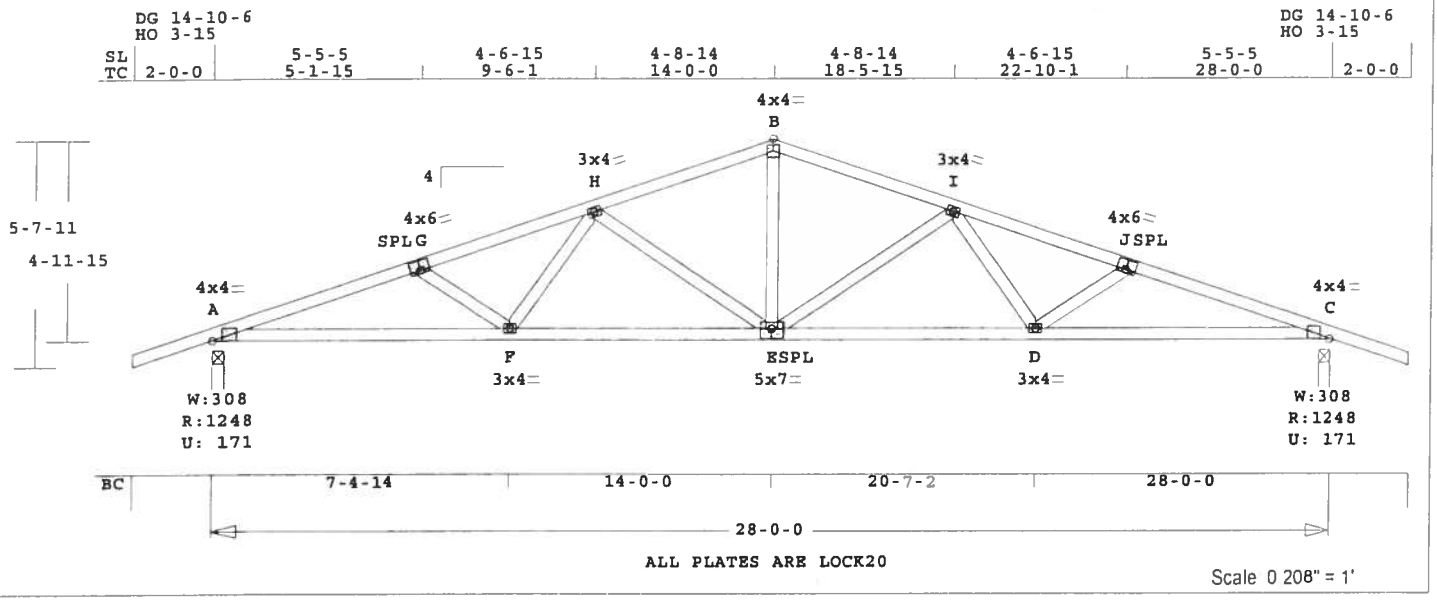
Truss Design Engineer: Philip J. O'Regan
License # 58126
Address: P.O. Box 280055, Tampa, FL 33682

PHILIP J. O'REGAN
LICENSE
No. 58126
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A1	11	TR	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 169.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.56	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 0- 0
BC Cont.	0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1248	172	3- 8	1- 8
			Hz =	-60
C	1248	172	3- 8	1- 8
			Hz =	61

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -G	0.27	2758	C	0.17	0.10
G -H	0.30	2491	C	0.15	0.15
H -B	0.26	1759	C	0.11	0.15
B -I	0.26	1759	C	0.11	0.15
I -J	0.30	2492	C	0.15	0.15
J -C	0.27	2758	C	0.17	0.10
Bottom Chords					
A -F	0.56	2618	T	0.43	0.13
F -E	0.49	2168	T	0.36	0.13
E -D	0.49	2168	T	0.36	0.13
D -C	0.56	2618	T	0.43	0.13

Webs

G -F	0.04	306	C
F -H	0.06	407	T
H -E	0.23	614	C
E -B	0.15	849	T
E -I	0.23	614	C
I -D	0.06	407	T
D -J	0.04	306	C

TL Defl -0.30" in E -D L/999
LL Defl -0.14" in E -D L/999
Shear // Grain in G -H 0.17

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
A	LOCK	4.0x 4.0	Ctr	0.1	0.95
G	LOCK	4.0x 6.0	-0.3	1.0	0.66
H	LOCK	3.0x 4.0	Ctr	Ctr	0.57
B	LOCK	4.0x 4.0	Ctr	Ctr	0.79
I	LOCK	3.0x 4.0	Ctr	Ctr	0.57
J	LOCK	4.0x 6.0	0.3	1.0	0.66
C	LOCK	4.0x 4.0	Ctr	0.1	0.95
F	LOCK	3.0x 4.0	Ctr	Ctr	0.51
E	LOCK	5.0x 7.0	Ctr	-0.5	0.67
D	LOCK	3.0x 4.0	Ctr	Ctr	0.51

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

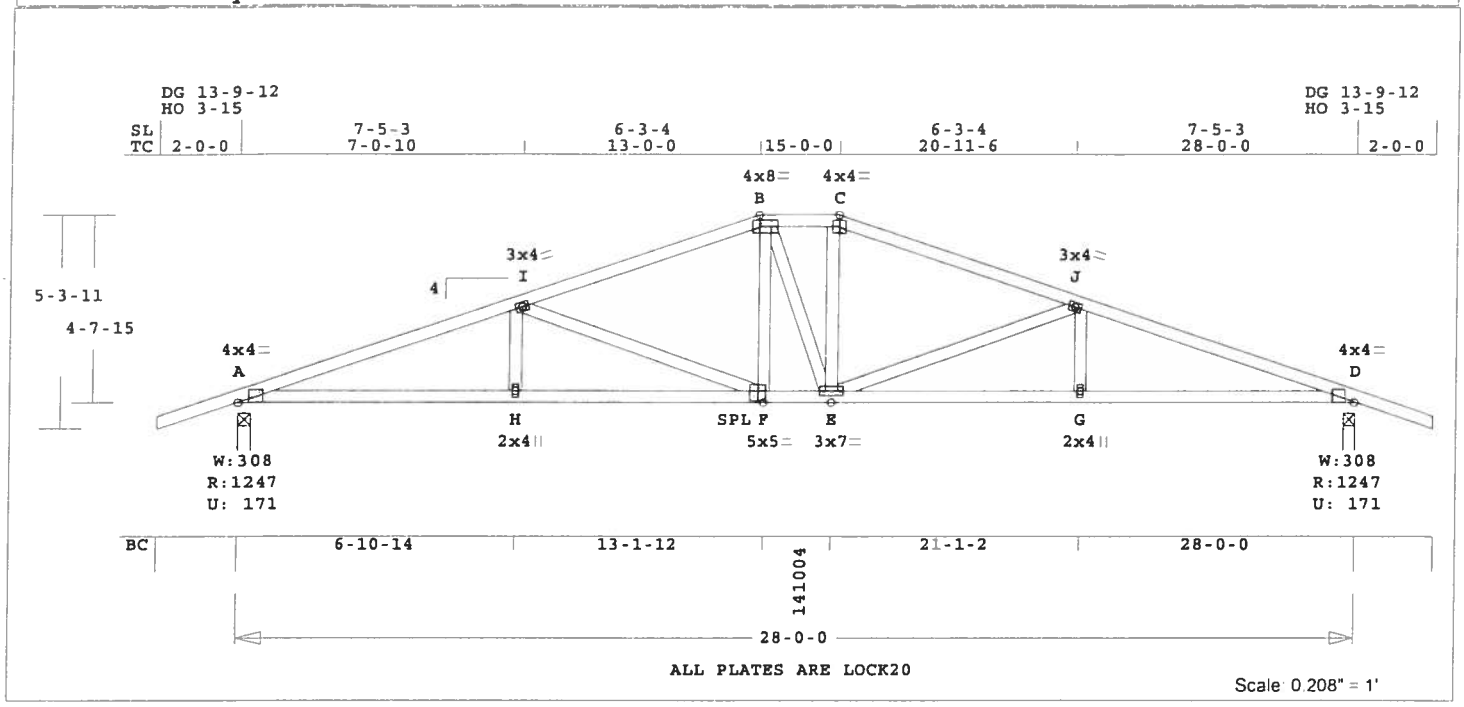
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2758 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A2	2	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
BC	0.58	2x 4	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	28- 0- 0
BC Cont.		0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1248	172	3- 8	1- 8
			Hz =	-55
D	1248	172	3- 8	1- 8
			Hz =	56

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.44	2670	C	0.10	0.34
I -B	0.38	1875	C	0.11	0.27
B -C	0.22	1773	C	0.12	0.10
C -J	0.38	1875	C	0.02	0.36
J -D	0.44	2670	C	0.10	0.34
Bottom Chords					
A -H	0.58	2539	T	0.42	0.16
H -F	0.52	2539	T	0.42	0.10
F -E	0.37	1766	T	0.29	0.08
E -G	0.52	2539	T	0.42	0.10
G -D	0.58	2539	T	0.42	0.16
Webs					
H -I	0.04	269	T		
I -F	0.44	816	C		
F -B	0.06	361	T		
B -E	0.01	71	C		
E -C	0.06	346	T		
E -J	0.44	817	C		
G -J	0.04	267	T		

TL Defl -0.30" in H -F L/999
LL Defl -0.14" in F -E L/999
Shear // Grain in A -I 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
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt	Size	X	Y	JSI
A	LOCK	4.0x	4.0	Ctr	0.1	0.92
I	LOCK	3.0x	4.0	Ctr	Ctr	0.63
B	LOCK	4.0x	8.0	Ctr	Ctr	1.00
C	LOCK	4.0x	4.0	Ctr	Ctr	1.00
J	LOCK	3.0x	4.0	Ctr	Ctr	0.63
D	LOCK	4.0x	4.0	Ctr	0.1	0.92
H	LOCK	2.0x	4.0	Ctr	Ctr	0.40
F	LOCK	5.0x	5.0	Ctr	-0.5	0.67
E	LOCK	3.0x	7.0	Ctr	Ctr	0.60
G	LOCK	2.0x	4.0	Ctr	Ctr	0.40

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

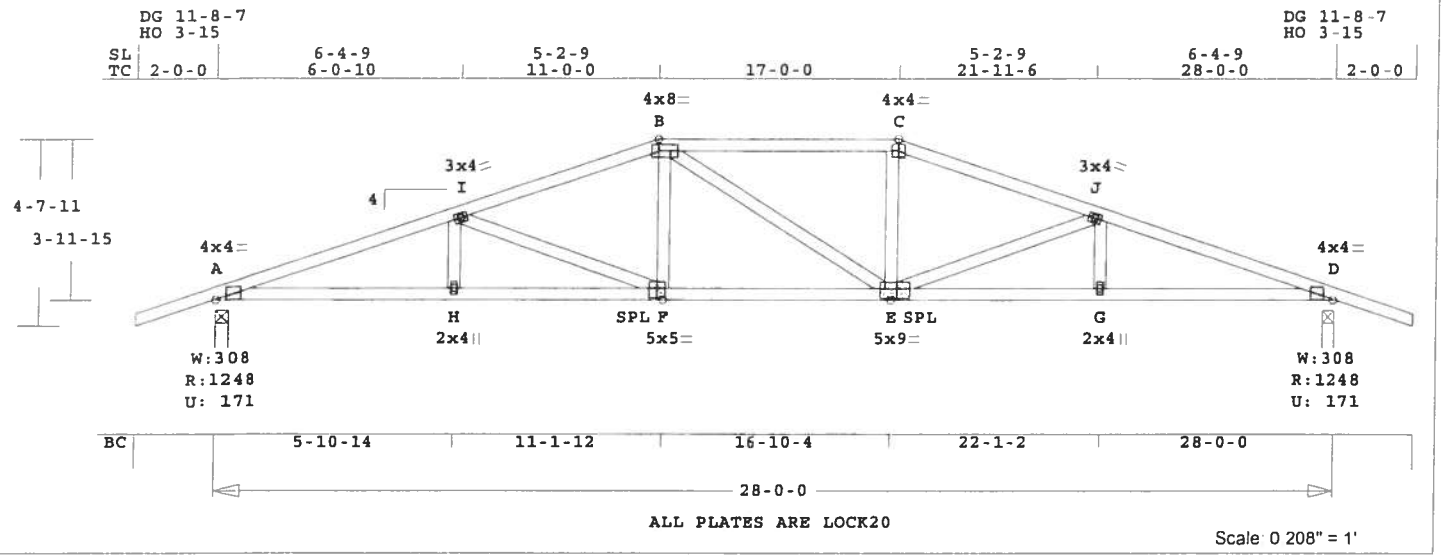
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2670 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A3	2	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 167.7 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.38	2x 4	SP-#2
BC	0.55	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 0- 0
BC Cont.	0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1248	172	3- 8	1- 8
			Hz = -47	
D	1248	172	3- 8	1- 8
			Hz = 48	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.33	2724	C	0.16	0.17
I -B	0.29	2130	C	0.12	0.17
B -C	0.38	2022	C	0.04	0.34
C -J	0.29	2130	C	0.12	0.17
J -D	0.33	2725	C	0.16	0.17
Bottom Chords					
A -H	0.55	2585	T	0.43	0.12
H -F	0.51	2585	T	0.43	0.08
F -E	0.42	2013	T	0.33	0.09
E -G	0.52	2587	T	0.43	0.09
G -D	0.55	2587	T	0.43	0.12
Webs					
H -I	0.03	208	T		
I -F	0.23	601	C		
F -B	0.06	379	T		
B -E	0.03	64	C		
E -C	0.06	379	T		
E -J	0.23	604	C		
G -J	0.03	205	T		

TL Defl -0.31" in F -E L/999
LL Defl -0.14" in F -E L/999
Shear // Grain in B -C 0.21

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
A	LOCK	4.0x 4.0	Ctr	0.1	0.94
I	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 8.0	Ctr	Ctr	1.00
C	LOCK	4.0x 4.0	Ctr	Ctr	1.00
J	LOCK	3.0x 4.0	Ctr	Ctr	0.63
D	LOCK	4.0x 4.0	Ctr	0.1	0.94
H	LOCK	2.0x 4.0	Ctr	Ctr	0.40
F	LOCK	5.0x 5.0	Ctr	-0.5	0.67
E	LOCK	5.0x 9.0	-0.5	-0.5	0.67
G	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

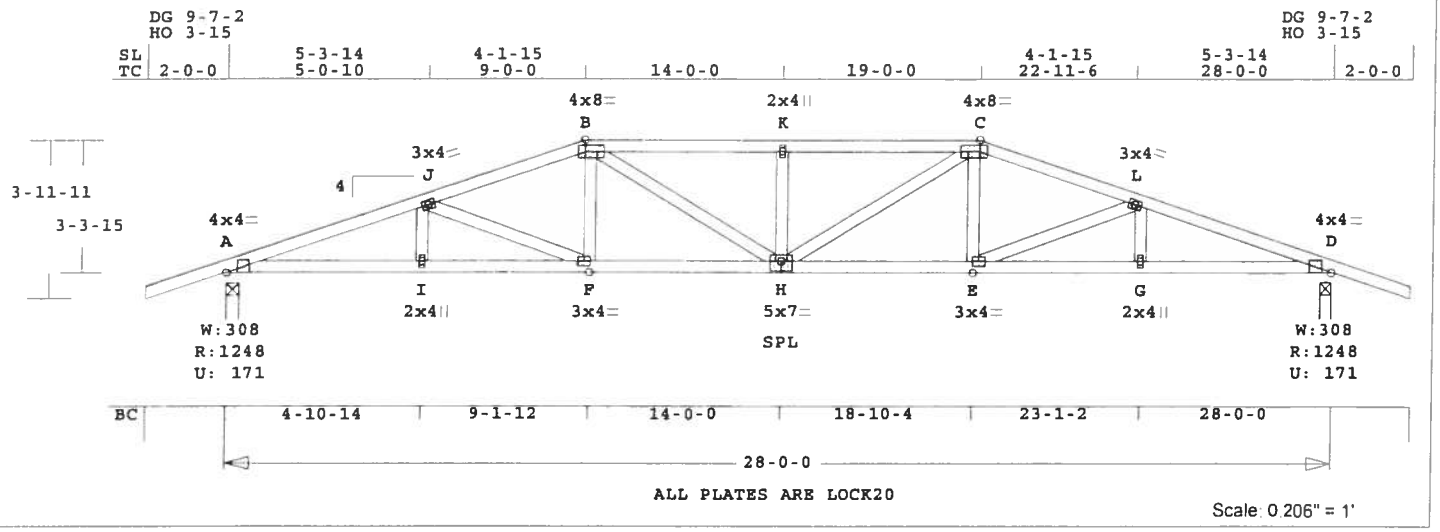
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2725 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A4	2	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.27	2x 4	SP-#2
BC	0.53	2x 4	SP-#2
WB	0.10	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 0- 0
BC Cont.	0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	
A	1248	172	3- 8	1- 8
			Hz =	-38
D	1248	172	3- 8	1- 8
			Hz =	39

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -J	0.26	2773	C	0.15	0.11
J -B	0.26	2359	C	0.14	0.12
B -K	0.27	2578	C	0.04	0.23
K -C	0.27	2578	C	0.04	0.23
C -L	0.26	2359	C	0.14	0.12
L -D	0.26	2773	C	0.16	0.10
Bottom Chords					
A -I	0.53	2628	T	0.44	0.09
I -F	0.52	2628	T	0.44	0.08
F -H	0.43	2233	T	0.37	0.06
H -E	0.43	2233	T	0.37	0.06
E -G	0.52	2628	T	0.44	0.08
G -D	0.53	2628	T	0.44	0.09
Webs					
I -J	0.02	152	T		
J -F	0.10	413	C		
F -B	0.04	301	T		
B -H	0.07	402	T		
H -K	0.04	323	C		
H -C	0.07	402	T		
E -C	0.04	301	T		
E -L	0.10	413	C		
G -L	0.02	152	T		

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

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
A	LOCK	4.0x 4.0	Ctr	0.1	0.96
J	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 8.0	Ctr	Ctr	1.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	4.0x 8.0	Ctr	Ctr	1.00
L	LOCK	3.0x 4.0	Ctr	Ctr	0.63
D	LOCK	4.0x 4.0	Ctr	0.1	0.96
I	LOCK	2.0x 4.0	Ctr	Ctr	0.40
F	LOCK	3.0x 4.0	Ctr	Ctr	0.60
H	LOCK	5.0x 7.0	Ctr	-0.5	0.67
E	LOCK	3.0x 4.0	Ctr	Ctr	0.60
G	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

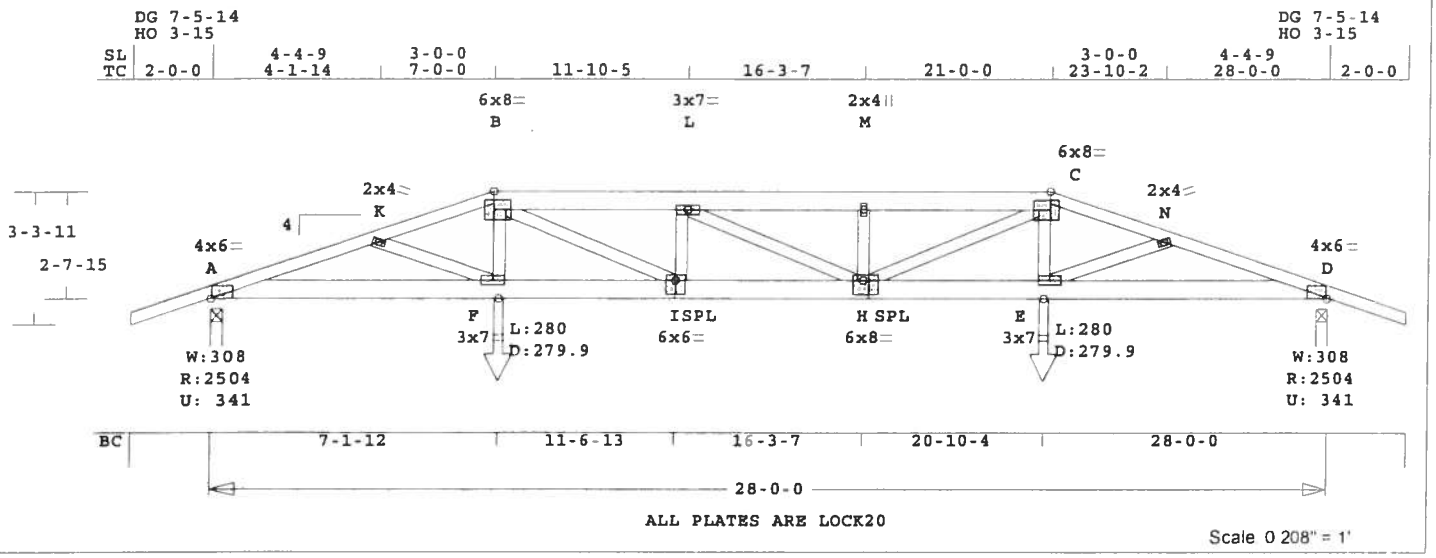
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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: B
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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	A5	2*2P	HIPP	280000	4	2- 0- 0	2- 0- 0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 206.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06
****
* 2-Ply Truss *
****

	CSI	Size	Lumber
TC	0.37	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.63	2x 6	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	28- 0- 0
BC Cont.		0- 0- 0	28- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
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

plf - Live	Dead	From	To
TC V 40	20	0.0'	28.0'
BC V 0	20	0.0'	28.0'
TC V 50	25	7.0'	21.0'
BC V 0	25	7.1'	20.9'
BC V 280	280	7.1'	CL-LB
BC V 280	280	20.9'	CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	2504	341	3- 8	1- 8
			Hz =	-28
D	2504	341	3- 8	1- 8
			Hz =	29

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -K	0.27	6657 C	0.09		0.18
K -B	0.37	6641 C	0.09		0.28
B -L	0.27	8382 C	0.19		0.08
L -M	0.24	8377 C	0.19		0.05
M -C	0.27	8377 C	0.19		0.08
C -N	0.37	6642 C	0.09		0.28
N -D	0.27	6657 C	0.09		0.18
Bottom Chords					
A -F	0.57	6299 T	0.42		0.15
F -I	0.53	6302 T	0.42		0.11
I -H	0.63	8383 T	0.56		0.07
H -E	0.53	6302 T	0.42		0.11
E -D	0.57	6299 T	0.42		0.15
Webs					
K -F	0.01	136 T			
F -B	0.06	701 T			
B -I	0.20	2273 T			
I -L	0.03	676 C			
L -H	0.00	38 T			
H -M	0.03	675 C			
H -C	0.20	2266 T			
E -C	0.06	702 T			
E -N	0.01	135 T			

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

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
A	LOCK	4.0x 6.0	3.2	1.8	1.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.40
B	LOCK	6.0x 8.0	-0.5	Ctr	1.00
L	LOCK	3.0x 7.0	Ctr	Ctr	0.44
M	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	6.0x 8.0	0.5	Ctr	1.00
N	LOCK	2.0x 4.0	Ctr	Ctr	0.40
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
H	LOCK	6.0x 8.0	-1.0	-1.2	0.73
E	LOCK	3.0x 7.0	Ctr	Ctr	0.47

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

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

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

Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

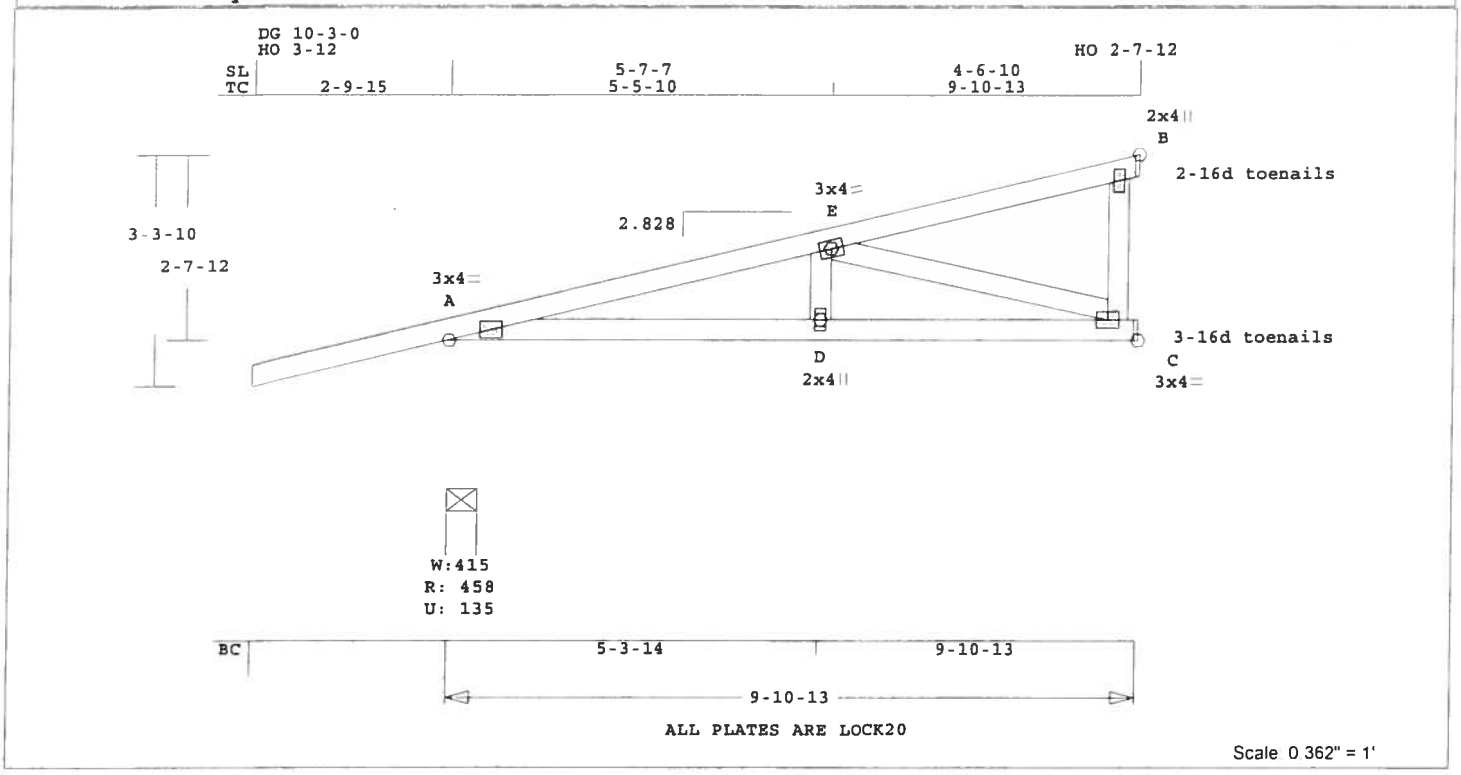
	Rows	Nails (In)	Screws (In)	Bolts (In)
TC	1	12	24	0
BC	2	12	24	0
WB	1	8	8	

Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
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
BC Dead Load: 5.0 psf
Max comp. force 8382 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	CJ1	4	MONO.DD	91013	2.828	2- 9-15	0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 57.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.29	2x 4	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9-10-13
BC Cont.	0- 0- 0	9-10-13

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
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

plf -	Live	Dead	From	To
TC V	40	20	0.0'	9.9'
BC V	0	20	0.0'	9.9'
TC V	-40	-20	0.0'	
	45	22		9.9'
BC V	0	-20	0.0'	
	0	22		9.9'

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
		Top Chords		
A -E	0.29	879 C	0.06	0.23
E -B	0.33	52 T	0.00	0.33
		Bottom Chords		
A -D	0.23	867 T	0.10	0.13
D -C	0.29	867 T	0.10	0.19
		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	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
E	LOCK	3.0x 4.0	Ctr	Ctr	0.48
B	LOCK	2.0x 4.0	Ctr	Ctr	0.38
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

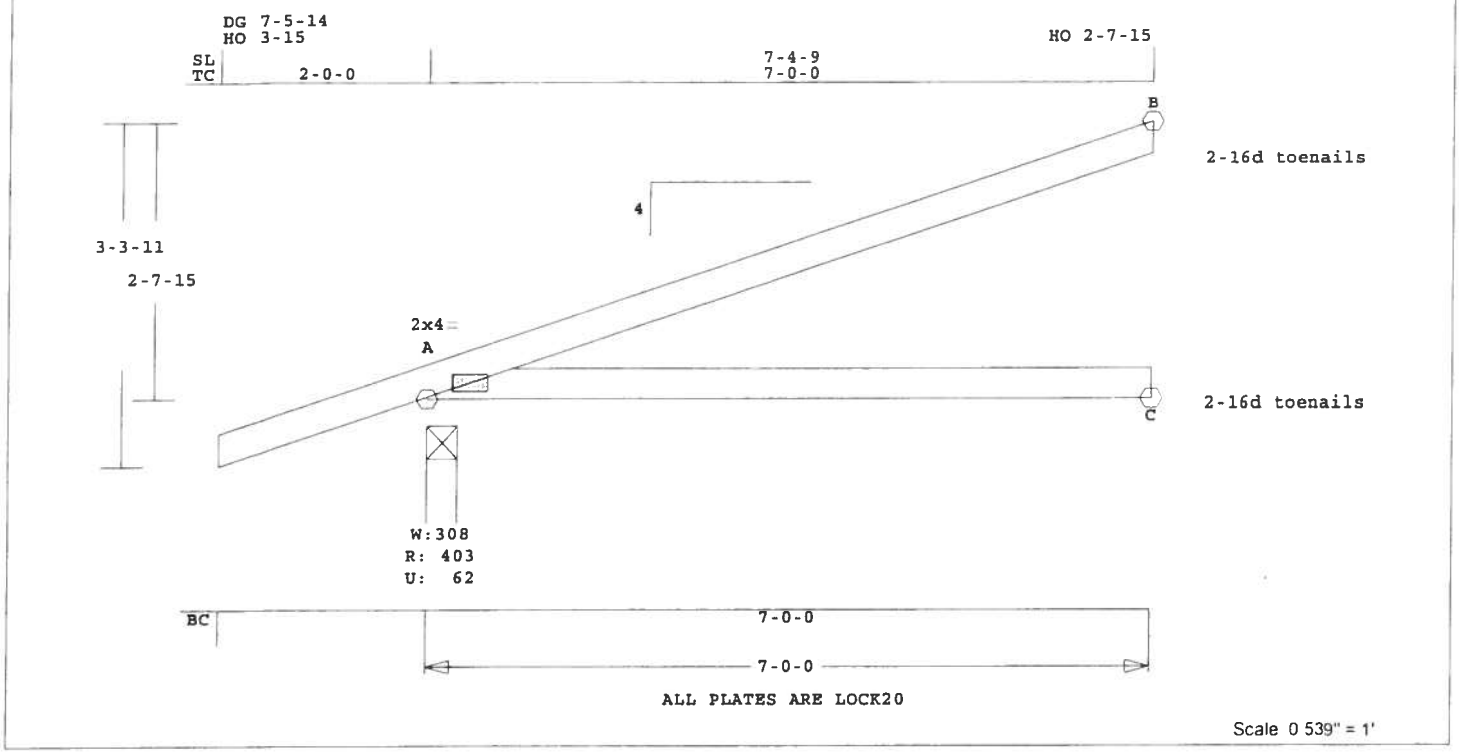
NOTES:

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 non-concurrent 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
BC Dead Load: 5.0 psf
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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J1	16	JCA2	70000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.3 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

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

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	7- 0- 0
BC Cont.		0- 0- 0	7- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.47	102	C 0.00 0.47
--------Bottom Chords---------			
A -C	0.35	0	T 0.00 0.35

TL Defl -0.17" in A -C L/440
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
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.

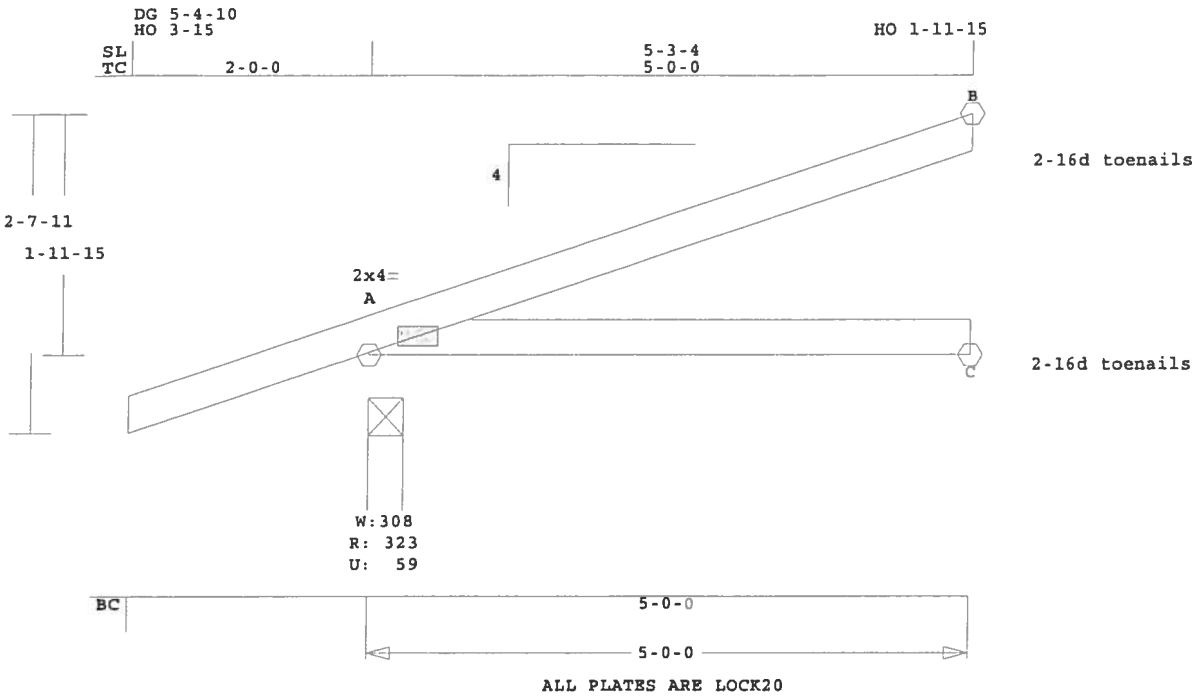
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

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: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 102 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J2	8	JCA2	50000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	5- 0- 0
BC Cont.	0- 0- 0	5- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.26	84 C	0.00 0.26
--------Bottom Chords---------			
A -C	0.21	0 T	0.00 0.21

TL Defl -0.04" in A -C L/999
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
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

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

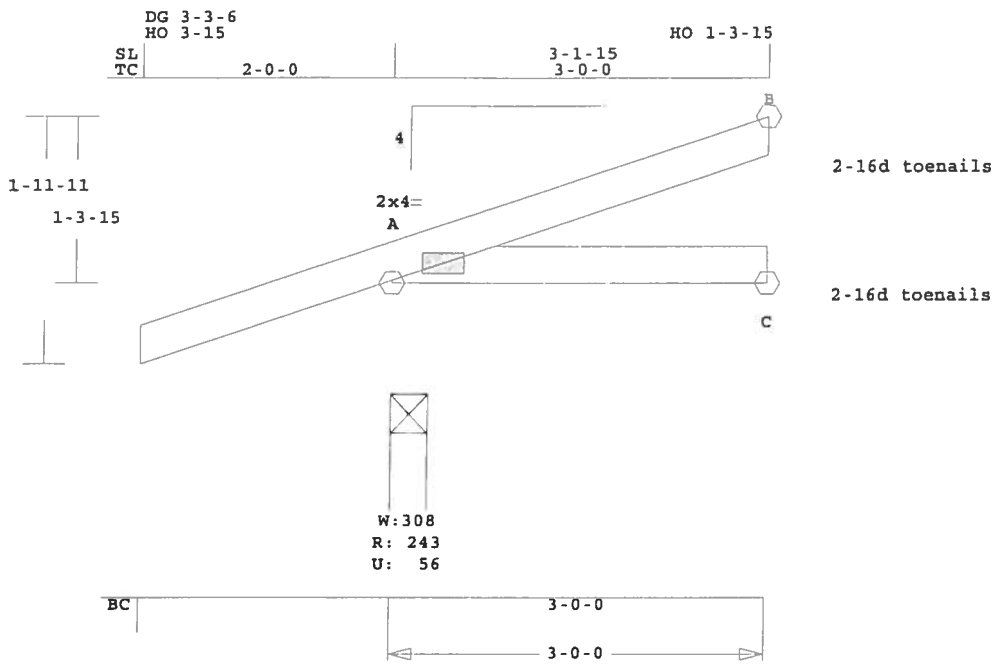
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 84 Lbs
Quality Control Factor 1.25

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

Date Sealed: 12/12/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J3	8	JCA2	30000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



ALL PLATES ARE LOCK20

Scale 0 649" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3- 0- 0
BC Cont.	0- 0- 0	3- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.08	53 C	0.00 0.08
--------Bottom Chords---------			
A -C	0.08	0 T	0.00 0.08

TL Defl 0.00" in A -C L/999
LL Defl 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
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

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

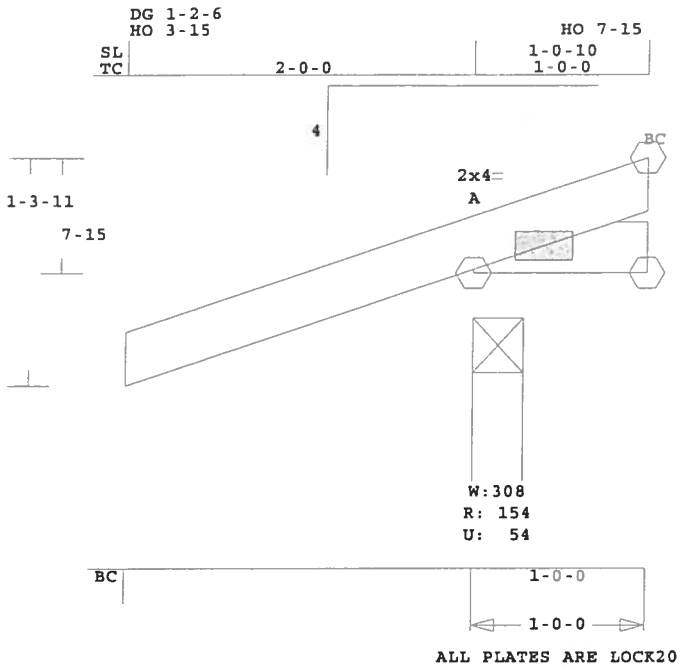
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 53 Lbs
Quality Control Factor 1.25

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

PHILIP J. O'REGAN LICENSE No. 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
bb-crary	J4	8	JCA2	10000	4	2- 0- 0	0	T06121047

U# J#bb-crary CRARY



Scale 0.899" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 12-DEC-06

	CSI	-Size-	----Lumber----
TC	0.00	2x 4	SP-#2
BC	0.00	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	1- 0- 0
BC Cont.	0- 0- 0	1- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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)

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

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in B -B 0.01

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
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

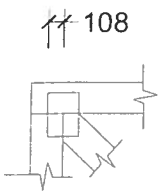
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3 Lbs
Quality Control Factor 1.25

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

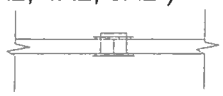
ROBBINS ENG. GENERAL NOTES & SYMBOLS

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 (3X2, 4X2, 6X2)



(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.

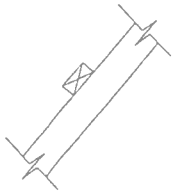
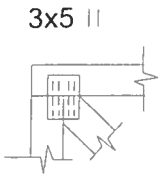


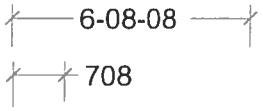
PLATE SIZE AND ORIENTATION

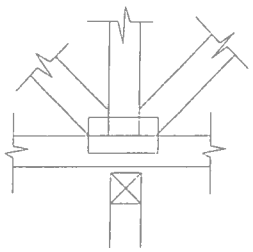


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

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.

Robbins Engineering, Inc.

6904 Parke East Blvd.
Tampa, Fl 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)

Permit #: 0000025380

Date: 2/27/07

386 SW Bozeman Court — Lake City, FL 32024

(Address of Treatment or Lot/Block of Treatment) — City

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 ©

#25380

Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)262-4047
2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 07-120
DATE TESTED: 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: 95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	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	**	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	**	103.1	100%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

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

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer, CEO

Linda M. Creamer
President - CEO

Reviewed By:

Robert W Clark

Date: 3/6/07
Florida Registration No: 52210

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 Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest .com)**
Address: _____
City _____ Phone _____

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # _____
Address _____

Product used	Active Ingredient	% Concentration
❑ Premise	Imidacloprid	0.1%
❑ Termidor	Fipronil	0.12%
❑ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ❑ Soil ❑ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

_____ Date _____ Time _____ Print Technician's Name

Remarks: _____
_____

Applicator - White **Permit File** - Canary **Permit Holder** - Pink

10/05 ©

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 26-3S-15-00275-007 **Building permit No.** 000025380

Use Classification SFD,UTILITY **Fire:** 0.00

Permit Holder MAX BASS **Waste:** 0.00

Owner of Building LATASHA CRARY **Total:** 0.00

Location: 386 SW BOZEMAN COURT

Date: 09/17/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)