

DATE 08/03/2006

Columbia County Building Permit

PERMIT
000024833

This Permit Expires One Year From the Date of Issue

APPLICANT ROBERT PARNELL PHONE 386 755-3625

ADDRESS 323 S MARION AVE LAKE CITY FL 32025

OWNER MICHAEL PARNELL PHONE 386 590-1740

ADDRESS 410 SW MERCIFUL PLACE FT. WHITE FL 32038

CONTRACTOR ROBERT PARNELL PHONE 386 590-1405

LOCATION OF PROPERTY 90W, TL ON 247S, TL ON CR 240, TR ON OLD ITCHETUCKNEE RD, TR CURTAIN, TL ON SPRUCE, TR ON MERCIFUL, 7TH LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 81450.00

HEATED FLOOR AREA 1629.00 TOTAL AREA 2244.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

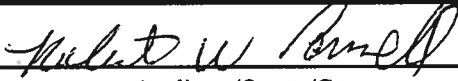
LAND USE & ZONING A-3 MAX. HEIGHT 18

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 36-5S-15-00488-030 SUBDIVISION SPRING HILLS

LOT 5 BLOCK PHASE UNIT TOTAL ACRES

000001176 RB0067106 

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

WAIVER 06-0630-N BK JH

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE, SECTION 2.3.1 LEGAL

NON-CONFORMING LOT OF RECORD

Check # or Cash 6801

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic

 date/app. by date/app. by date/app. by

Under slab rough-in plumbing Slab Sheathing/Nailing

 date/app. by date/app. by date/app. by

Framing Rough-in plumbing above slab and below wood floor

 date/app. by date/app. by

Electrical rough-in Heat & Air Duct Peri. beam (Lintel)

 date/app. by date/app. by date/app. by

Permanent power C.O. Final Culvert

 date/app. by date/app. by date/app. by

M/H tie downs, blocking, electricity and plumbing Pool

 date/app. by date/app. by

Reconnection Pump pole Utility Pole

 date/app. by date/app. by date/app. by

M/H Pole Travel Trailer Re-roof

 date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 410.00 CERTIFICATION FEE \$ 11.22 SURCHARGE FEE \$ 11.22

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 507.44

INSPECTORS OFFICE  CLERKS OFFICE 

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR 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.

Return to: (enclose self-addressed stamped envelope)

Name:

Address:

This Instrument Prepared by:

Name:

Address:

Property Appraisers Parcel Identification

Folio Number(s):

Grantee(s) S.S. # (s)

Inst:2006009394 Date:04/19/2006 Time:11:38

Doc Stamp-Deed : 0.70

S. 7 DC, P. DeWitt Cason, Columbia County B:1080 P:2533

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

This Warranty Deed, Made the 18th day of April, 2006, by
ROBERT W. PARNELL AND BRENDA J. PARNELL his wife,
hereinafter called the Grantor, to MICHAEL W. PARNELL AND RHONDA A. PARNELL his wife,
whose post office address is 439 SE Lillian Loop Apt 106 Lake City, FL 32025,
hereinafter 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 \$ 1.00 and other
valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises,
releases, conveys and confirms unto the Grantee all that certain land, situate in COLUMBIA
County, State of FLORIDA, viz:

LOT NO. 5, BLOCK B

SPING HILLS SUBDIVISION, a subdivision as per plat thereof recorded in plat book
4, pages 33 and 34A public records of COLUMBIA COUNTY, FLORIDA.

N.B.: Subject to Deed of Restrictions dated June 9, 1976 and recorded in
Official Records Book 363, at pages 374 - 377, public records of COLUMBIA
COUNTY, FLORIDA and subject to utility easements and oil, gas and mineral
rights and interests outstanding and of record if any.

Together, with all the tenements, hereditaments and appurtenances thereto belonging 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 is lawfully seized of said land in fee
simple; that the grantor has good right and lawful authority to sell and convey said land, and hereby warrants
the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said
land is free of all encumbrances, except taxes accruing subsequent to December 31,

In Witness Whereof, the said Grantor has signed and sealed these presents the day and year first above
written.

Signed, sealed and delivered in the presence of:

Teresa W. Garrett
Witness Signature (as to first Grantor)

Teresa W. Garrett
Printed Name

Nancy Upshaw
Witness Signature (as to first Grantor)

Nancy Upshaw
Printed Name

Teresa W. Garrett
Witness Signature (as to Co-Grantor, if any)

Teresa W. Garrett
Printed Name

Nancy Upshaw
Witness Signature (as to Co-Grantor, if any)

NANCY Upshaw
Printed Name

STATE OF FLORIDACOUNTY OF ColumbiaRobert W. Parnell and Brenda J. Parnell

known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that
executed 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:

Robert W. Parnell
Grantor Signature

Robert W. Parnell
Printed Name

418 SW Tina Gl Lake City FL 32024
Post Office Address

Brenda J. Parnell
Co-Grantor Signature, (if any)

Brenda J. Parnell
Printed Name

418 SW Tina Gl Lake City FL 32024
Post Office Address

I hereby Certify that on this day, before me, an officer duly authorized
to administer oaths and take acknowledgments, personally appeared

Witness my hand and official seal in the County and State last aforesaid
this 19 day of April, A.D. 2006

Irving H. Crowetz
Notary Signature

IRVING H. CROWETZ
Printed Name

NOTARY RUBBER STAMP SEAL

Irving H. Crowetz

MY COMMISSION # DD093371 EXPIRES

April 26, 2006

BONDED THRU TROY FAJN INSURANCE, INC.



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

Parcel I.D. #: 00488-030

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)

TBD MERCIFUL STREET, LAKE CITY, FLORIDA 32025

Lot 5, Block B, SPRING HILLS SUBDIVISION, according to the map or plat thereof as recorded in Plat Book 4, Page 33-33A, of the Public Records of Columbia County, Florida.

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

3. Owner information:

- a. Name and address:

**MICHAEL W. PARNELL and RHONDA A. PARNELL
439 SE LILLIAN LOOP, APT. 106, LAKE CITY,
FLORIDA 32025**

- b. Interest in property: **Fee Simple**

- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

PARNELL CONSTRUCTION

323 S. Marion Ave., LAKE CITY, FLORIDA 32025
Telephone Number: **386-755-7878**

5. Surety (if any):

- a. Name and Address:

Telephone Number: _____

- b. Amount of Bond \$ _____

6. Lender: (Name and Address)

PEOPLES STATE BANK

350 SW MAIN BLVD., LAKE CITY FL 32025

Telephone Number: **386-754-0002**

Inst: 2006013693 Date: 06/07/2006 Time: 15:59

D. J. DC, P. DeWitt Cason, Columbia County B: 1085 P: 2741

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)

PEOPLES STATE BANK

350 SW MAIN BLVD., LAKE CITY FL 32025

Telephone Number: **386-754-0002**

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____

Michael W. Parnell {SEAL}
MICHAEL W. PARNELL

Rhonda A. Parnell {SEAL}
RHONDA A. PARNELL

Sworn to and subscribed before me this 6th day of June, 2006, by **MICHAEL W. PARNELL and RHONDA A. PARNELL**, who are personally known to me or who have produced Driver's License as identification.

Notary Public

My Commission Expires: _____



BRENDA STYONS
MY COMMISSION # DD 287986
EXPIRES: February 5, 2008
Bonded Thru Budget Notary Services

Columbia County Building Permit Application

Revised 9-23-

For Office Use Only Application # 0601-50 Date Received 7/20/06 By G Permit # 6802 waived
 Application Approved by - Zoning Official BLK Date 28.07.06 Plans Examiner OK JTH Date 8-2-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1 Legal Nonconforming Lot of Record

Applicants Name ROBERT W. PARWELL Fax: 386 755 3625
 Address 323 S. MARION AVE LAKE CITY FL 32025 Phone (386) 590 1405 (cell)
 Owners Name MICHAEL W PARWELL Phone 386 590 1740
 911 Address 410 SW MERCIFUL A FT WHITE FL 32038
 Contractors Name ROBERT W. PARWELL Phone (386) 590 1405
 Address 323 S MARION AVE LAKE CITY FL 32025
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address MARK DISOSWAY PE P.O. BOX 868 LC, FL 32056
 Mortgage Lenders Name & Address PEOPLES STATE BANK 350 SW MAIN BLDG LC FL 320
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Ener.
 Property ID Number 36-55-15-00488-030 Estimated Cost of Construction \$127,139⁰⁰
 Subdivision Name SPRING HILLS S/D Lot 5 Block B Unit Phase
 Driving Directions US 90 TO CR 247 SOUTH TO CR 240 EAST TO OLD
ITCHETUCKNEE RD SOUTH TO CURTAIN RD WEST TO SPRUCE SOUTH
TO MERCIFUL WEST TO 3RD LOT FROM END ON LEFT
 Type of Construction NEW WOOD FRAME Number of Existing Dwellings on Property 0
 Total Acreage 1.01 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Dr
 Actual Distance of Structure from Property Lines - Front 105'8" Side 52'64" Side 52'40" Rear 24'18"
 Total Building Height 18' Number of Stories 1 Heated Floor Area 1629 Roof Pitch 8:12
Porch 91 GARAGE 524 TOTAL 2244

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

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

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

Robert W Parwell
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 6 day of July 2006.
 Personally known X or Produced Identification

Robert W Parwell
 Contractor Signature
 Contractors License Number RB 0062106
 Competency Card Number 5572
 NOTARY STAMP/SEAL

Notary Signature



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: 602062ParnellMichael Address: City, State: , Owner: Parnell Michael Climate Zone: North	Builder: Parnell Permitting Office: Columbia Permit Number: 24833 Jurisdiction Number: 221000
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1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 3 ☐ 5. Is this a worst case? No ☐ 6. Conditioned floor area (ft²) 1629 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>230.0 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>230.0 ft²</td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> </table> 8. Floor types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Raised Wood, Stem Wall</td> <td style="width: 30%;">R=19.0, 1629.0ft²</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 9. Wall types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 30%;">R=13.0, 982.0 ft²</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. Frame, Wood, Exterior</td> <td>R=13.0, 156.0 ft²</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>d. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>e. N/A</td> <td></td> <td>☐</td> </tr> </table> 10. Ceiling types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%;">R=30.0, 1629.0 ft²</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 11. Ducts <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 30%;">Sup. R=6.0, 160.0 ft</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	230.0 ft²	b. SHGC:	7b. (Clear)	230.0 ft²	(or Clear or Tint DEFAULT)			a. Raised Wood, Stem Wall	R=19.0, 1629.0ft²	☐	b. N/A		☐	c. N/A		☐	a. Frame, Wood, Exterior	R=13.0, 982.0 ft²	☐	b. Frame, Wood, Exterior	R=13.0, 156.0 ft²	☐	c. N/A		☐	d. N/A		☐	e. N/A		☐	a. Under Attic	R=30.0, 1629.0 ft²	☐	b. N/A		☐	c. N/A		☐	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 160.0 ft	☐	b. N/A		☐	12. Cooling systems <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Central Unit</td> <td style="width: 30%;">Cap: 26.0 kBtu/hr</td> <td style="width: 40%;">☐</td> </tr> <tr> <td></td> <td>SEER: 11.00</td> <td>☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 13. Heating systems <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Electric Heat Pump</td> <td style="width: 30%;">Cap: 26.0 kBtu/hr</td> <td style="width: 40%;">☐</td> </tr> <tr> <td></td> <td>HSPF: 7.30</td> <td>☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 14. Hot water systems <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 30%;">Cap: 40.0 gallons</td> <td style="width: 40%;">☐</td> </tr> <tr> <td></td> <td>EF: 0.93</td> <td>☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. Conservation credits</td> <td></td> <td>☐</td> </tr> <tr> <td>(HR-Heat recovery, Solar</td> <td></td> <td></td> </tr> <tr> <td>DHP-Dedicated heat pump)</td> <td></td> <td></td> </tr> </table> 15. HVAC credits <table style="width: 100%;"> <tr> <td style="width: 30%;">(CF-Ceiling fan, CV-Cross ventilation,</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>HF-Whole house fan,</td> <td></td> </tr> <tr> <td>PT-Programmable Thermostat,</td> <td></td> </tr> <tr> <td>MZ-C-Multizone cooling,</td> <td></td> </tr> <tr> <td>MZ-H-Multizone heating)</td> <td></td> </tr> </table>	a. Central Unit	Cap: 26.0 kBtu/hr	☐		SEER: 11.00	☐	b. N/A		☐	c. N/A		☐	a. Electric Heat Pump	Cap: 26.0 kBtu/hr	☐		HSPF: 7.30	☐	b. N/A		☐	c. N/A		☐	a. Electric Resistance	Cap: 40.0 gallons	☐		EF: 0.93	☐	b. N/A		☐	c. Conservation credits		☐	(HR-Heat recovery, Solar			DHP-Dedicated heat pump)			(CF-Ceiling fan, CV-Cross ventilation,	☐	HF-Whole house fan,		PT-Programmable Thermostat,		MZ-C-Multizone cooling,		MZ-H-Multizone heating)	
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Glass/Floor Area: 0.14

Total as-built points: 24112

Total base points: 24615

PASS

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

PREPARED BY: Ben Smith
DATE: 4-17-06

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

OWNER/AGENT: _____
DATE: _____

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

BUILDING OFFICIAL: _____
DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X SPM X SOF = Points							
.18	1629.0	20.04	5876.1	Double, Clear	N	1.5	5.5	75.0	19.20	0.93	1336.7
				Double, Clear	N	1.5	0.0	20.0	19.20	0.59	227.8
				Double, Clear	E	1.5	5.5	30.0	42.06	0.90	1131.0
				Double, Clear	E	1.5	1.5	3.0	42.06	0.52	65.3
				Double, Clear	S	1.5	0.0	25.0	35.87	0.43	387.3
				Double, Clear	S	6.0	5.5	25.0	35.87	0.51	455.1
				Double, Clear	W	1.5	3.5	6.0	38.52	0.78	180.0
				Double, Clear	N	1.5	4.5	16.0	19.20	0.90	276.5
				Double, Clear	W	1.5	5.5	30.0	38.52	0.90	1036.6
				As-Built Total: 230.0 5096.2							
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	982.0	1.50		1473.0
Exterior	1138.0	1.70	1934.6	Frame, Wood, Exterior			13.0	156.0	1.50		234.0
Base Total: 1138.0 1934.6				As-Built Total: 1138.0 1707.0							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	20.0	1.60	32.0	Exterior Insulated				20.0	4.10		82.0
Exterior	40.0	4.10	164.0	Exterior Insulated				20.0	4.10		82.0
				Adjacent Insulated				20.0	1.60		32.0
Base Total: 60.0 196.0				As-Built Total: 60.0 196.0							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	1629.0	1.73	2818.2	Under Attic			30.0	1629.0	1.73 X 1.00		2818.2
Base Total: 1629.0 2818.2				As-Built Total: 1629.0 2818.2							
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall			19.0	1629.0	-1.50		-2443.5
Raised	1629.0	-3.99	-6499.7								
Base Total: -6499.7				As-Built Total: 1629.0 -2443.5							
INFILTRATION Area X BSPM =Points				Area X SPM = Points							
	1629.0	10.21	16632.1					1629.0	10.21		16632.1

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE				AS-BUILT							
Summer Base Points: 20957.3				Summer As-Built Points: 24005.9							
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	
20957.3	0.4266		8940.4	(sys 1: Central Unit 26000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 24006 1.00 (1.09 x 1.147 x 0.91) 0.310 1.000 8474.1 24005.9 1.00 1.138 0.310 1.000 8474.1							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1629.0	12.74	3735.6	Double, Clear	N	1.5	5.5	75.0	24.58	1.00	1848.8
				Double, Clear	N	1.5	0.0	20.0	24.58	1.03	505.0
				Double, Clear	E	1.5	5.5	30.0	18.79	1.04	587.1
				Double, Clear	E	1.5	1.5	3.0	18.79	1.29	72.5
				Double, Clear	S	1.5	0.0	25.0	13.30	3.66	1216.7
				Double, Clear	S	6.0	5.5	25.0	13.30	2.88	957.3
				Double, Clear	W	1.5	3.5	6.0	20.73	1.07	132.6
				Double, Clear	N	1.5	4.5	16.0	24.58	1.00	395.1
				Double, Clear	W	1.5	5.5	30.0	20.73	1.03	639.3
				As-Built Total:				230.0		6354.4	
WALL TYPES Area X BWPM = Points				Type			R-Value	Area X WPM		= Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	982.0		3.40 3338.8	
Exterior	1138.0	3.70	4210.6	Frame, Wood, Exterior			13.0	156.0		3.40 530.4	
Base Total: 1138.0 4210.6				As-Built Total:				1138.0		3869.2	
DOOR TYPES Area X BWPM = Points				Type				Area X WPM		= Points	
Adjacent	20.0	8.00	160.0	Exterior Insulated				20.0		8.40 168.0	
Exterior	40.0	8.40	336.0	Exterior Insulated				20.0		8.40 168.0	
				Adjacent Insulated				20.0		8.00 160.0	
Base Total: 60.0 496.0				As-Built Total:				60.0		496.0	
CEILING TYPES Area X BWPM = Points				Type			R-Value	Area X WPM X WCM		= Points	
Under Attic	1629.0	2.05	3339.4	Under Attic			30.0	1629.0 2.05 X 1.00		3339.4	
Base Total: 1629.0 3339.4				As-Built Total:				1629.0		3339.4	
FLOOR TYPES Area X BWPM = Points				Type			R-Value	Area X WPM		= Points	
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall			19.0	1629.0		0.80 1303.2	
Raised	1629.0	0.96	1563.8								
Base Total: 1563.8				As-Built Total:				1629.0		1303.2	
INFILTRATION Area X BWPM = Points								Area X WPM		= Points	
1629.0 -0.59 -961.1								1629.0 -0.59		-961.1	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 12384.4				Winter As-Built Points: 14401.2						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
12384.4		0.6274	7770.0	(sys 1: Electric Heat Pump 26000 btuh , EFF(7.3) Ducts:Unc(S),Unc(R),Int(AH),R6.0 14401.2 1.000 (1.069 x 1.169 x 0.93) 0.467 1.000 7818.2 14401.2 1.00 1.162 0.467 1.000 7818.2						

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 X Ratio	Credit X Multiplier = Total
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67
					As-Built Total:					7820.0

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
8940		7770		7905		24615	8474		7818		7820		24112

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.0

The higher the score, the more efficient the home.

Parnell Michael, , , ,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 26.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 11.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	1629 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 26.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 230.0 ft ²	___		HSPF: 7.30
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 230.0 ft ²	___	c. N/A	___
8. Floor types		___		___
a. Raised Wood, Stem Wall	R=19.0, 1629.0ft ²	___	14. Hot water systems	
b. N/A	___	___	a. Electric Resistance	Cap: 40.0 gallons
c. N/A	___	___		EF: 0.93
9. Wall types		___	b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 982.0 ft ²	___	c. Conservation credits	___
b. Frame, Wood, Exterior	R=13.0, 156.0 ft ²	___	(HR-Heat recovery, Solar	___
c. N/A	___	___	DHP-Dedicated heat pump)	___
d. N/A	___	___	15. HVAC credits	___
e. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
10. Ceiling types		___	HF-Whole house fan,	___
a. Under Attic	R=30.0, 1629.0 ft ²	___	PT-Programmable Thermostat,	___
b. N/A	___	___	MZ-C-Multizone cooling,	___
c. N/A	___	___	MZ-H-Multizone heating)	___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 160.0 ft	___		___
b. N/A	___	___		___

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

Builder Signature: _____ Date: _____

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



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

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLR2PB v4.1)

Columbia County Building Department

Culvert Waiver

Culvert Waiver No.
000001176

DATE: 08/03/2006 BUILDING PERMIT NO. 24833

APPLICANT ROBERT PARNELL PHONE 386 755-3625

ADDRESS	323	S MARION AVE	LAKE CITY	FL	32025
---------	-----	--------------	-----------	----	-------

OWNER MICHAEL PARNELL PHONE 386 590-1740

ADDRESS 410 SW MERCIFUL PLACE FT. WHITE FL 32038

CONTRACTOR ROBERT PARNELL **PHONE** 386 590-1405

LOCATION OF PROPERTY 90W, TL ON 247S, TL ON CR 240, TR ON OLD ITCHETUCKNEE RD, TR ON

CURTAIN, TL ON SPRUCE, TR ON MERCIFUL, 7TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNITSPRING HILLS 5

PARCEL ID # 36-5S-15-00488-030

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Robert W. Brown

**A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC**

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

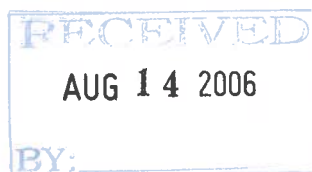
✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT _____

COMMENTS: _____

SIGNED: Willie Moore DATE: 8-18-06

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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





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: **0607-50**
Contractor Robert Parnell Owner Michael Parnell

On the date of July 25, 2006 application 0607-50 and plans for construction of a 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 0607-50 and when making reference to this application.

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

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

1. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement before any inspections can be preformed by the Columbia County Building Department.

- 2.** The door which provides egress from the garage into the residence shall comply with the FRC-2004 sections R309 R309.1 Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.
- 3.** On the foundation plan show the height of the crawl space between lowest horizontal framing member and the interior finished grade. Also show the opening width and construction design of the crawl space access opening.
- 4.** Provide the R rating of the insulation in the crawl space area within the condition floor space.
- 5.** Show on the electrical plans the location of at least one receptacle outlet which shall be installed at each island counter space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater.

Joe Haltiwanger



Plan Examiner

Columbia County

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: 602062ParnellMichael Address: City, State: , Owner: Parnell Michael Climate Zone: North	Builder: Permitting Office: Permit Number: Jurisdiction Number:
--	--

1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 3 ☐ 5. Is this a worst case? No ☐ 6. Conditioned floor area (ft²) 1629 ft² ☐ 7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble Default) 230.0 ft² ☐ b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 230.0 ft² ☐ 8. Floor types a. Raised Wood, Stem Wall R=19.0, 1629.0ft² ☐ b. N/A ☐ c. N/A ☐ 9. Wall types a. Frame, Wood, Exterior R=13.0, 982.0 ft² ☐ b. Frame, Wood, Exterior R=13.0, 156.0 ft² ☐ c. N/A ☐ d. N/A ☐ e. N/A ☐ 10. Ceiling types a. Under Attic R=30.0, 1629.0 ft² ☐ b. N/A ☐ c. N/A ☐ 11. Ducts a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 160.0 ft ☐ b. N/A ☐	12. Cooling systems a. Central Unit Cap: 26.0 kBtu/hr SEER: 11.00 ☐ b. N/A ☐ c. N/A ☐ 13. Heating systems a. Electric Heat Pump Cap: 26.0 kBtu/hr HSPF: 7.30 ☐ b. N/A ☐ c. N/A ☐ 14. Hot water systems a. Electric Resistance Cap: 40.0 gallons EF: 0.93 ☐ b. N/A ☐ c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) ☐ 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) ☐
--	---

Glass/Floor Area: 0.14

Total as-built points: 24112

Total base points: 24615

PASS

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

PREPARED BY: Yzly Gaudin

DATE: 4-17-06

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE	AS-BUILT																																																																																
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Type/SC</th> <th colspan="3">Overhang</th> <th rowspan="2">Area X</th> <th rowspan="2">SPM X</th> <th rowspan="2">SOF = Points</th> </tr> <tr> <th>Ornt</th> <th>Len</th> <th>Hgt</th> </tr> </thead> <tbody> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>5.5</td> <td>75.0</td> <td>19.20</td> <td>0.93 1336.7</td> </tr> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>0.0</td> <td>20.0</td> <td>19.20</td> <td>0.59 227.8</td> </tr> <tr> <td>Double, Clear</td> <td>E</td> <td>1.5</td> <td>5.5</td> <td>30.0</td> <td>42.06</td> <td>0.90 1131.0</td> </tr> <tr> <td>Double, Clear</td> <td>E</td> <td>1.5</td> <td>1.5</td> <td>3.0</td> <td>42.06</td> <td>0.52 65.3</td> </tr> <tr> <td>Double, Clear</td> <td>S</td> <td>1.5</td> <td>0.0</td> <td>25.0</td> <td>35.87</td> <td>0.43 387.3</td> </tr> <tr> <td>Double, Clear</td> <td>S</td> <td>6.0</td> <td>5.5</td> <td>25.0</td> <td>35.87</td> <td>0.51 455.1</td> </tr> <tr> <td>Double, Clear</td> <td>W</td> <td>1.5</td> <td>3.5</td> <td>6.0</td> <td>38.52</td> <td>0.78 180.0</td> </tr> <tr> <td>Double, Clear</td> <td>N</td> <td>1.5</td> <td>4.5</td> <td>16.0</td> <td>19.20</td> <td>0.90 276.5</td> </tr> <tr> <td>Double, Clear</td> <td>W</td> <td>1.5</td> <td>5.5</td> <td>30.0</td> <td>38.52</td> <td>0.90 1036.6</td> </tr> <tr> <td colspan="4">As-Built Total:</td> <td>230.0</td> <td></td> <td>5096.2</td> </tr> </tbody> </table>	Type/SC	Overhang			Area X	SPM X	SOF = Points	Ornt	Len	Hgt	Double, Clear	N	1.5	5.5	75.0	19.20	0.93 1336.7	Double, Clear	N	1.5	0.0	20.0	19.20	0.59 227.8	Double, Clear	E	1.5	5.5	30.0	42.06	0.90 1131.0	Double, Clear	E	1.5	1.5	3.0	42.06	0.52 65.3	Double, Clear	S	1.5	0.0	25.0	35.87	0.43 387.3	Double, Clear	S	6.0	5.5	25.0	35.87	0.51 455.1	Double, Clear	W	1.5	3.5	6.0	38.52	0.78 180.0	Double, Clear	N	1.5	4.5	16.0	19.20	0.90 276.5	Double, Clear	W	1.5	5.5	30.0	38.52	0.90 1036.6	As-Built Total:				230.0		5096.2
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Type	R-Value	Area X	SPM = Points																																																																														
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Exterior	1138.0	1.70	1934.6																																																																														
Base Total:		1138.0	1934.6																																																																														
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As-Built Total:		1629.0	10.21 16632.1																																																																														

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE				AS-BUILT						
Summer Base Points: 20957.3				Summer As-Built Points: 24005.9						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
20957.3	0.4266		8940.4	(sys 1: Central Unit 26000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 24006	1.00	(1.09 x 1.147 x 0.91)	0.310	1.000		8474.1
				24005.9	1.00	1.138	0.310	1.000		8474.1

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1629.0	12.74	3735.6	Double, Clear	N	1.5	5.5	75.0	24.58	1.00	1848.8
				Double, Clear	N	1.5	0.0	20.0	24.58	1.03	505.0
				Double, Clear	E	1.5	5.5	30.0	18.79	1.04	587.1
				Double, Clear	E	1.5	1.5	3.0	18.79	1.29	72.5
				Double, Clear	S	1.5	0.0	25.0	13.30	3.66	1216.7
				Double, Clear	S	6.0	5.5	25.0	13.30	2.88	957.3
				Double, Clear	W	1.5	3.5	6.0	20.73	1.07	132.6
				Double, Clear	N	1.5	4.5	16.0	24.58	1.00	395.1
				Double, Clear	W	1.5	5.5	30.0	20.73	1.03	639.3
				As-Built Total:				230.0	6354.4		
WALL TYPES Area X BWPM = Points				Type			R-Value	Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	982.0	3.40	3338.8	
Exterior	1138.0	3.70	4210.6	Frame, Wood, Exterior			13.0	156.0	3.40	530.4	
Base Total: 1138.0 4210.6				As-Built Total:				1138.0	3869.2		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	8.00	160.0	Exterior Insulated				20.0	8.40	168.0	
Exterior	40.0	8.40	336.0	Exterior Insulated				20.0	8.40	168.0	
				Adjacent Insulated				20.0	8.00	160.0	
Base Total: 60.0 496.0				As-Built Total:				60.0	496.0		
CEILING TYPES Area X BWPM = Points				Type			R-Value	Area X WPM X WCM = Points			
Under Attic	1629.0	2.05	3339.4	Under Attic			30.0	1629.0	2.05 X 1.00	3339.4	
Base Total: 1629.0 3339.4				As-Built Total:				1629.0	3339.4		
FLOOR TYPES Area X BWPM = Points				Type			R-Value	Area X WPM = Points			
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall			19.0	1629.0	0.80	1303.2	
Raised	1629.0	0.96	1563.8								
Base Total: 1563.8				As-Built Total:				1629.0	1303.2		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
1629.0 -0.59 -961.1								1629.0 -0.59		-961.1	

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		12384.4		Winter As-Built Points:				14401.2		
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	
12384.4		0.6274	7770.0	(sys 1: Electric Heat Pump 26000 btuh ,EFF(7.3) Ducts:Unc(S),Unc(R),Int(AH),R6.0 14401.2 1.000 (1.069 x 1.169 x 0.93)			0.467	1.000	7818.2	
				14401.2	1.00	1.162	0.467	1.000	7818.2	

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 X Ratio	Multiplier X Credit	= Total Multiplier
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67	1.00 7820.0
					As-Built Total:						7820.0

CODE COMPLIANCE STATUS											
BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
8940		7770		7905	24615	8474		7818		7820	24112

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.0

The higher the score, the more efficient the home.

Parnell Michael, , , ,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 26.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 11.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft²)	1629 ft²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 26.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 230.0 ft²	___		HSPF: 7.30
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 230.0 ft²	___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Raised Wood, Stem Wall	R=19.0, 1629.0ft²	___	a. Electric Resistance	Cap: 40.0 gallons
b. N/A	___	___		EF: 0.93
c. N/A	___	___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Exterior	R=13.0, 982.0 ft²	___	(HR-Heat recovery, Solar	___
b. Frame, Wood, Exterior	R=13.0, 156.0 ft²	___	DHP-Dedicated heat pump)	___
c. N/A	___	___	15. HVAC credits	___
d. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
e. N/A	___	___	HF-Whole house fan,	___
10. Ceiling types		___	PT-Programmable Thermostat,	___
a. Under Attic	R=30.0, 1629.0 ft²	___	MZ-C-Multizone cooling,	___
b. N/A	___	___	MZ-H-Multizone heating)	___
c. N/A	___	___		___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 160.0 ft	___		___
b. N/A	___	___		___

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

Builder Signature: _____ Date: _____

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



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

Residential System Sizing Calculation

Summary

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

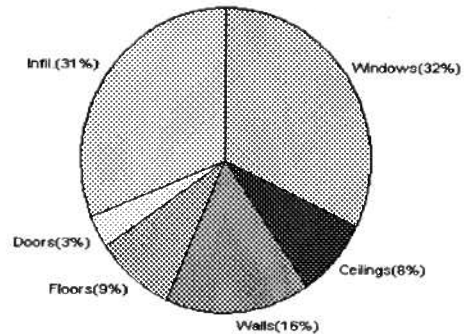
4/17/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	22941 Btuh	Total cooling load calculation	22994 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	113.3 26000	Sensible (SHR = 0.75)	105.6 19500
Heat Pump + Auxiliary(0.0kW)	113.3 26000	Latent	143.4 6500
		Total (Electric Heat Pump)	113.1 26000

WINTER CALCULATIONS

Winter Heating Load (for 1629 sqft)

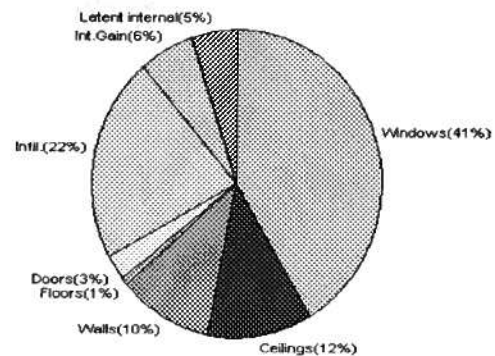
Load component		Load	
Window total	230 sqft	7404	Btuh
Wall total	1138 sqft	3737	Btuh
Door total	60 sqft	777	Btuh
Ceiling total	1629 sqft	1920	Btuh
Floor total	1629 sqft	2065	Btuh
Infiltration	174 cfm	7038	Btuh
Duct loss		0	Btuh
Subtotal		22941	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		22941	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1629 sqft)

Load component		Load	
Window total	230 sqft	9509	Btuh
Wall total	1138 sqft	2374	Btuh
Door total	60 sqft	588	Btuh
Ceiling total	1629 sqft	2698	Btuh
Floor total		214	Btuh
Infiltration	91 cfm	1698	Btuh
Internal gain		1380	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		18460	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		3334	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		4534	Btuh
TOTAL HEAT GAIN		22994	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: 4-17-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

4/17/2006

Component Loads for Whole House					
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=
1	2, Clear, Metal, 0.87	N	75.0		32.2
2	2, Clear, Metal, 0.87	N	20.0		32.2
3	2, Clear, Metal, 0.87	E	30.0		32.2
4	2, Clear, Metal, 0.87	E	3.0		32.2
5	2, Clear, Metal, 0.87	S	25.0		32.2
6	2, Clear, Metal, 0.87	S	25.0		32.2
7	2, Clear, Metal, 0.87	W	6.0		32.2
8	2, Clear, Metal, 0.87	N	16.0		32.2
9	2, Clear, Metal, 0.87	W	30.0		32.2
Window Total			230(sqft)		
7404 Btuh					
Walls	Type	R-Value	Area	X	HTM=
1	Frame - Wood - Ext(0.09)	13.0	982		3.3
2	Frame - Wood - Ext(0.09)	13.0	156		3.3
Wall Total			1138		
3737 Btuh					
Doors	Type		Area	X	HTM=
1	Insulated - Adjacent		20		12.9
2	Insulated - Exterior		20		12.9
3	Insulated - Exterior		20		12.9
Door Total			60		
777Btuh					
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=
1	Vented Attic/D/Shin)	30.0	1629		1.2
Ceiling Total			1629		
1920 Btuh					
Floors	Type	R-Value	Size	X	HTM=
1	Raised Wood - Stem Wall	19	1629.0 sqft		1.3
Floor Total			1629		
2065 Btuh					
Zone Envelope Subtotal:					15903 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	13032	173.8	
7038 Btuh					
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				22941 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	22941 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22941 Btuh

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

(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

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

4/17/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	N	75.0		32.2	2414 Btuh
2	2, Clear, Metal, 0.87	N	20.0		32.2	644 Btuh
3	2, Clear, Metal, 0.87	E	30.0		32.2	966 Btuh
4	2, Clear, Metal, 0.87	E	3.0		32.2	97 Btuh
5	2, Clear, Metal, 0.87	S	25.0		32.2	805 Btuh
6	2, Clear, Metal, 0.87	S	25.0		32.2	805 Btuh
7	2, Clear, Metal, 0.87	W	6.0		32.2	193 Btuh
8	2, Clear, Metal, 0.87	N	16.0		32.2	515 Btuh
9	2, Clear, Metal, 0.87	W	30.0		32.2	966 Btuh
Window Total			230(sqft)			7404 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	982		3.3	3225 Btuh
2	Frame - Wood - Ext(0.09)	13.0	156		3.3	512 Btuh
Wall Total			1138			3737 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		20		12.9	259 Btuh
Door Total			60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1629		1.2	1920 Btuh
Ceiling Total			1629			1920Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Raised Wood - Stem Wall	19	1629.0 sqft		1.3	2065 Btuh
Floor Total			1629			2065 Btuh
Zone Envelope Subtotal:						15903 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.80	13032		173.8	7038 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					22941 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	22941 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22941 Btuh

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

Residential Load - Whole House Component Details

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

4/17/2006

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	75.0	0.0	75.0	29	29	2172	Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft.	0ft.	20.0	0.0	20.0	29	29	579	Btuh
3	2, Clear, 0.87, None,N,N	E	1.5ft.	5.5ft.	30.0	4.5	25.5	29	80	2160	Btuh
4	2, Clear, 0.87, None,N,N	E	1.5ft.	1.5ft.	3.0	2.2	0.8	29	80	126	Btuh
5	2, Clear, 0.87, None,N,N	S	1.5ft.	0ft.	25.0	25.0	0.0	29	34	724	Btuh
6	2, Clear, 0.87, None,N,N	S	6ft.	5.5ft.	25.0	25.0	0.0	29	34	724	Btuh
7	2, Clear, 0.87, None,N,N	W	1.5ft.	3.5ft.	6.0	1.5	4.5	29	80	402	Btuh
8	2, Clear, 0.87, None,N,N	N	1.5ft.	4.5ft.	16.0	0.0	16.0	29	29	463	Btuh
9	2, Clear, 0.87, None,N,N	W	1.5ft.	5.5ft.	30.0	4.5	25.5	29	80	2160	Btuh
Window Total					230 (sqft)					9509 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		982.0			2.1		2048 Btuh		
2	Frame - Wood - Ext	13.0/0.09		156.0			2.1		325 Btuh		
Wall Total				1138 (sqft)					2374 Btuh		
Doors	Type			Area (sqft)			HTM		Load		
1	Insulated - Adjacent			20.0			9.8		196 Btuh		
2	Insulated - Exterior			20.0			9.8		196 Btuh		
3	Insulated - Exterior			20.0			9.8		196 Btuh		
Door Total				60 (sqft)					588 Btuh		
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		1629.0			1.7		2698 Btuh		
Ceiling Total				1629 (sqft)					2698 Btuh		
Floors	Type	R-Value		Size			HTM		Load		
1	Raised Wood - Stem Wall	19.0		1629 (sqft)			0.1		214 Btuh		
Floor Total				1629.0 (sqft)					214 Btuh		
Zone Envelope Subtotal:										15383 Btuh	
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.42		13032			91.2		1698 Btuh		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	6		X 230 +			0		1380 Btuh			
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										18460 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18460 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18460 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18460 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3334 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4534 Btuh
	TOTAL GAIN	22994 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

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

4/17/2006

Component Loads for Zone #1: Main

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	75.0	0.0	75.0	29	29	2172	Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft.	0ft.	20.0	0.0	20.0	29	29	579	Btuh
3	2, Clear, 0.87, None,N,N	E	1.5ft.	5.5ft.	30.0	4.5	25.5	29	80	2160	Btuh
4	2, Clear, 0.87, None,N,N	E	1.5ft.	1.5ft.	3.0	2.2	0.8	29	80	126	Btuh
5	2, Clear, 0.87, None,N,N	S	1.5ft.	0ft.	25.0	25.0	0.0	29	34	724	Btuh
6	2, Clear, 0.87, None,N,N	S	6ft.	5.5ft.	25.0	25.0	0.0	29	34	724	Btuh
7	2, Clear, 0.87, None,N,N	W	1.5ft.	3.5ft.	6.0	1.5	4.5	29	80	402	Btuh
8	2, Clear, 0.87, None,N,N	N	1.5ft.	4.5ft.	16.0	0.0	16.0	29	29	463	Btuh
9	2, Clear, 0.87, None,N,N	W	1.5ft.	5.5ft.	30.0	4.5	25.5	29	80	2160	Btuh
Window Total					230 (sqft)					9509 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			982.0			2.1		2048 Btuh	
2	Frame - Wood - Ext	13.0/0.09			156.0			2.1		325 Btuh	
Wall Total					1138 (sqft)					2374 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Adjacent				20.0			9.8		196 Btuh	
2	Insulated - Exterior				20.0			9.8		196 Btuh	
3	Insulated - Exterior				20.0			9.8		196 Btuh	
Door Total					60 (sqft)					588 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			1629.0			1.7		2698 Btuh	
Ceiling Total					1629 (sqft)					2698 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Raised Wood - Stem Wall	19.0			1629 (sqft)			0.1		214 Btuh	
Floor Total					1629.0 (sqft)					214 Btuh	
	Zone Envelope Subtotal:									15383 Btuh	
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load	
	SensibleNatural	0.42			13032			91.2		1698 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			0		1380 Btuh		
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									18460 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Parnell Michael

Project Title:
602062ParnellMichael

Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18460 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18460 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18460 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3334 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4534 Btuh
	TOTAL GAIN	22994 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

Residential Window Diversity

MidSummer

Parnell Michael

Project Title:
602062ParnellMichael

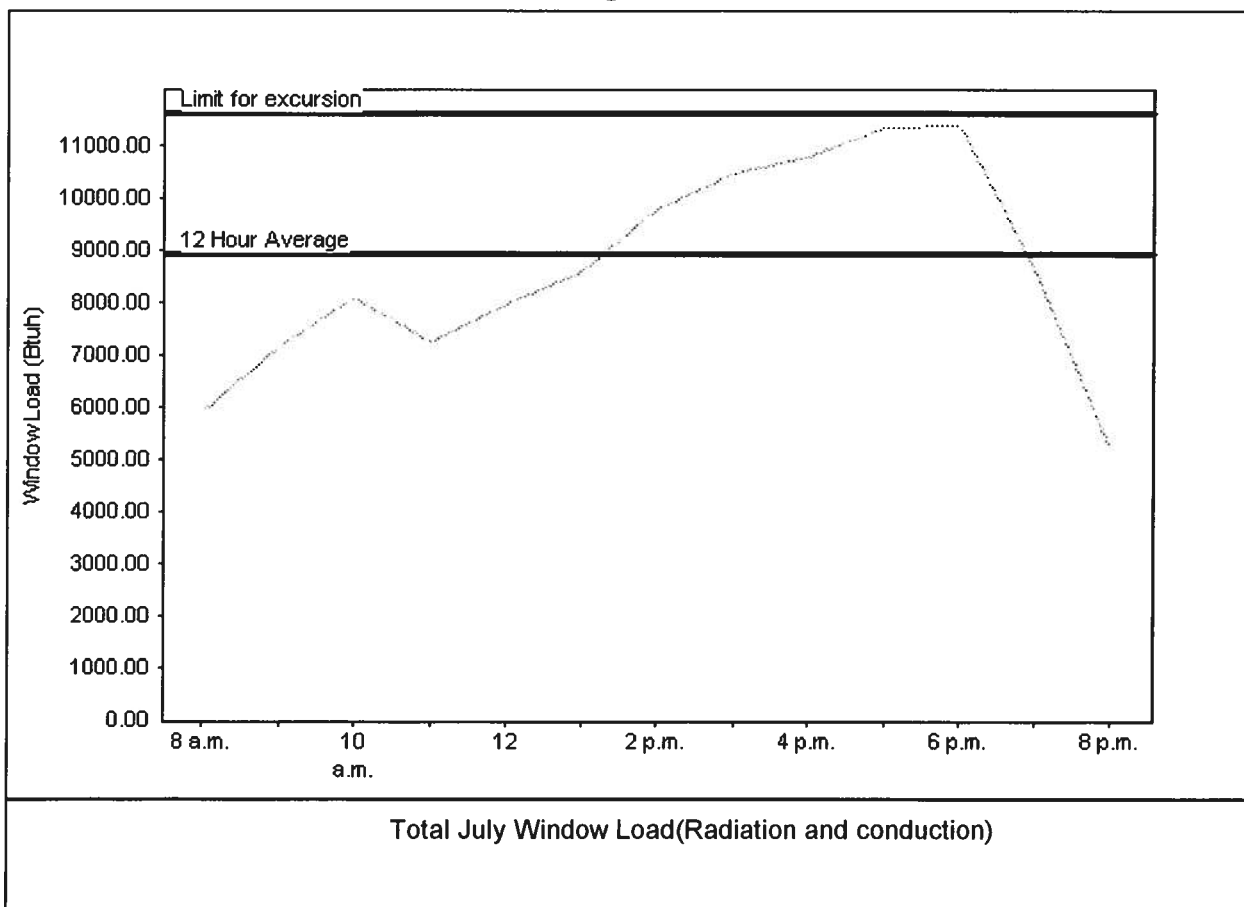
Class 3 Rating
Registration No. 0
Climate: North

4/17/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	8922 Btuh
Summer setpoint	75 F	Peak window load for July	11353 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	11598 Btu
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



The midsummer window load for this house does not exceed the window load excursion limit.

This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: 4-17-06

EnergyGauge® FLR2PB v4.1



PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	VISTAWALL	FIBERGLASS DOOR	FL 3395
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	JORDAN	VINYL/INSULATED WINDOWS	FL 675
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	JAMES HARDIE	FIBER-CEMENT SIDING	FL 889-R1
B. SOFFITS	KAYCAN	VINYL SOFFIT	FL 4905
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	ELK	30 YEAR ARCHITECTURAL SHINGLE	
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.	JAMES HARDIE	FIBER CEMENT SIDING	FL 889-R1
	SOFFIT KAYCAN	VINYL SOFFIT	FL 4905

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

Michael W. Pamell
APPLICANT SIGNATURE

7-6-06
DATE

Notice of Prevention for Subterranean Termites
(As required by Florida Building Code (FBC) 104.2.6)



17856 U.S. 129 • McALPIN, FLORIDA 32062
(386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529

24833

Address of Treatment or Lot/Block of Treatment

Date _____ Time _____ Applicator _____

Product Used _____ Chemical used (active ingredient) _____ Number of gallons applied _____

Percent Concentration _____ Area treated (square feet) _____ Linear feet treated _____

Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

As per 104.2.6 - If soil chemical barrier method for Subterranean 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 and date this line. _____

CERTAINTECH

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 36-5S-15-00488-030

Building permit No. 000024833

Use Classification SFD, UTILITY

Fire: 27.90

Permit Holder ROBERT PARNELL

Waste: 83.75

Owner of Building MICHAEL PARNELL

Total: 111.65

Location: 410 SW MERCIFUL PLACE, FT. WHITE, FL

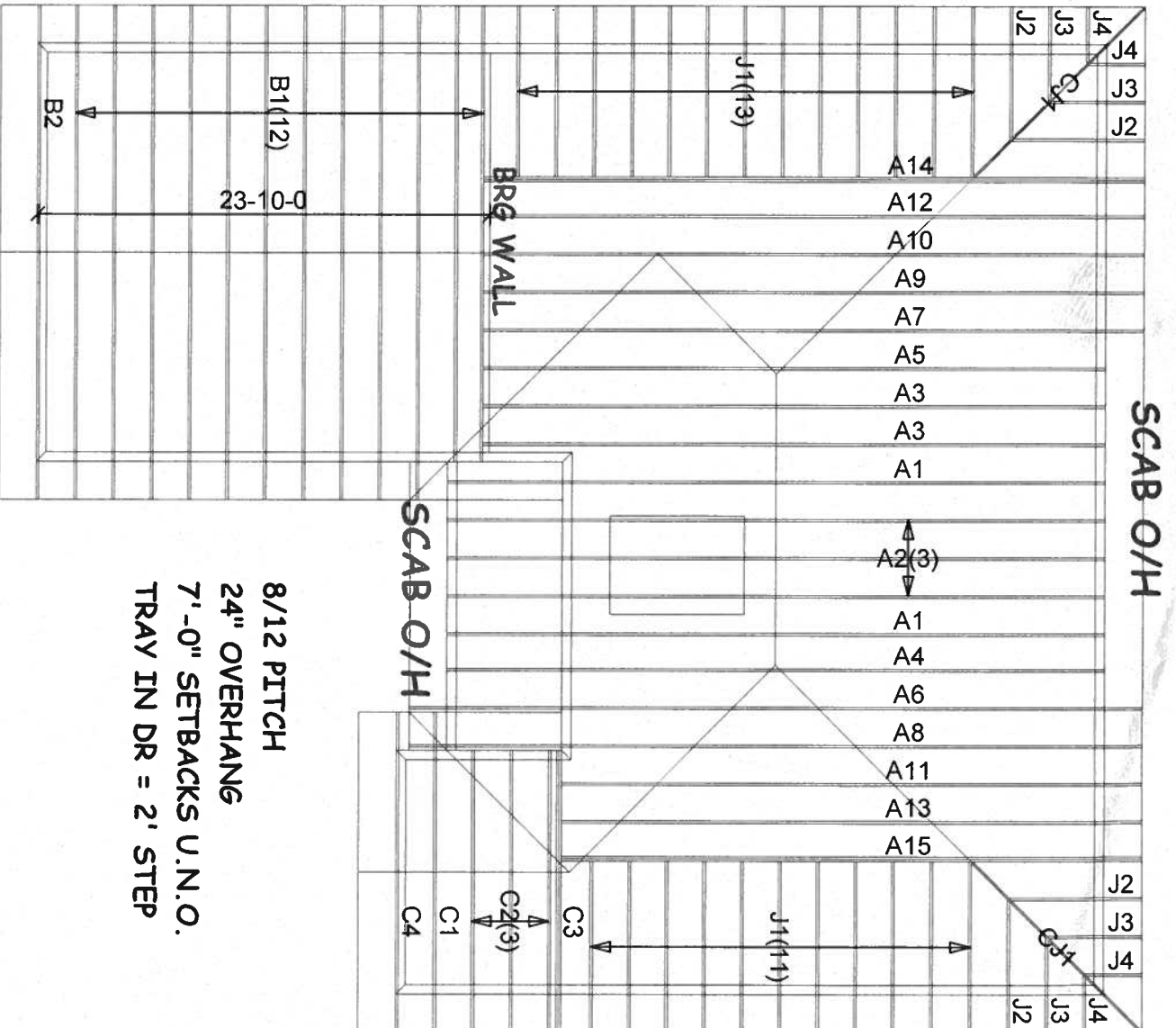
Date: 05/01/2007

John D. Kerc

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





Mayo Truss Co. Inc.

362 NE CLYDE AVE.
MAYO, FL 32066
(386)294-3988
(877)-558-6262

MICHAEL PARNELL

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" o.c.

Account: INDIVIDUAL
Job: MICHAEL PARNELL
Designer: A. HIGHSMITH
Checker: M. MURRAY
Date: 06-14-06

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: MICHAEL PARNELL - MICHAEL PARNELL

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 Category - B
Occupancy Factor - 1.00
MWFRS
Enclosed

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06061177	06/11/2006		26

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specification Sheets 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. (Software - Online Plus)

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

Date Mark

1	06/11/06	A1
5	06/11/06	A5
9	06/11/06	A9
13	06/11/06	A13
17	06/11/06	B2
21	06/11/06	C4
25	06/11/06	J3

Date Mark

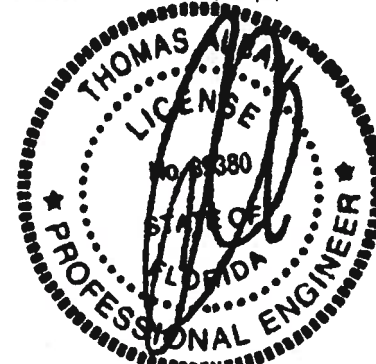
2	06/11/06	A2
6	06/11/06	A6
10	06/11/06	A10
14	06/11/06	A14
18	06/11/06	C1
22	06/11/06	CJ1
26	06/11/06	J4

Date Mark

3	06/11/06	A3
7	06/11/06	A7
11	06/11/06	A11
15	06/11/06	A15
19	06/11/06	C2
23	06/11/06	J1

Date Mark

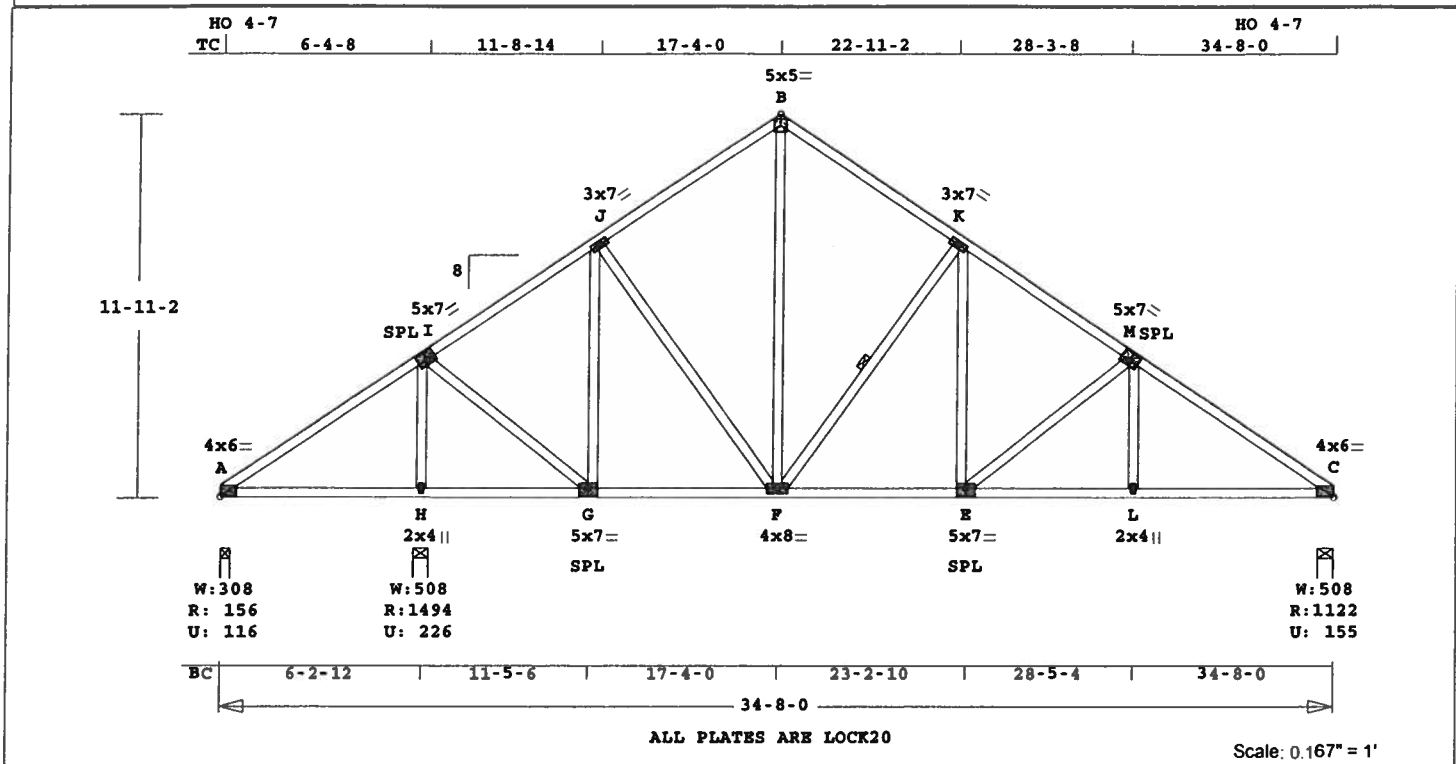
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8	06/11/06	A8
12	06/11/06	A12
16	06/11/06	B1
20	06/11/06	C3
24	06/11/06	J2

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 6/11/2006

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A1	2	TR	340800	8	0	0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 269.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ---Lumber---
TC 0.38 2x 4 SP-#2
BC 0.31 2x 4 SP-#2
WB 0.32 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 34- 8- 0
BC Cont. 0- 0- 0 34- 8- 0
WB 1 rows CLB on F -K
Attach CLB with (2)-10d nails
at each web.

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	156	116	3- 8	1- 8
			Hz =	-263
H	1495	226	5- 8	1-10
C	1122	156	5- 8	1- 8
			Hz =	265

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -I 0.38 162 T 0.03 0.35
I -J 0.35 717 C 0.00 0.35
J -B 0.26 776 C 0.00 0.26
B -K 0.28 777 C 0.00 0.28
K -M 0.29 1184 C 0.01 0.28
M -C 0.29 1566 C 0.01 0.28
-----Bottom Chords-----

A -H	0.23	103 T	0.00	0.23
H -G	0.23	103 T	0.00	0.23
G -F	0.23	592 T	0.05	0.18
F -E	0.28	985 T	0.10	0.18
E -L	0.31	1305 T	0.21	0.10
L -C	0.31	1305 T	0.21	0.10
-----Webs-----				
H -I	0.31	1333 C		
I -G	0.15	842 T		
G -J	0.32	427 C		
J -F	0.07	154 T		
F -B	0.29	520 T		
F -K	0.17	578 C	1 Br	
E -K	0.06	404 T		
E -M	0.23	405 C		
L -M	0.03	231 T		

TL Defl -0.07" in A -H L/999
LL Defl -0.03" in A -H L/999
Shear // Grain in A -I 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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 0.5 0.4 0.69
I LOCK 5.0x 7.0 0.3 0.5 0.72
J LOCK 3.0x 7.0 Ctr Ctr 0.45
B LOCK 5.0x 5.0 Ctr Ctr 0.64
K LOCK 3.0x 7.0 Ctr Ctr 0.45
M LOCK 5.0x 7.0 0.3 0.5 0.72
C LOCK 4.0x 6.0 0.5 0.4 0.69
H LOCK 2.0x 4.0 Ctr Ctr 0.44
G LOCK 5.0x 7.0 Ctr-0.5 0.74
F LOCK 4.0x 8.0 Ctr Ctr 0.43
E LOCK 5.0x 7.0 Ctr-0.5 0.74
L LOCK 2.0x 4.0 Ctr Ctr 0.44

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

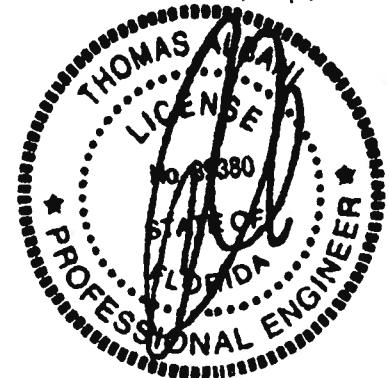
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

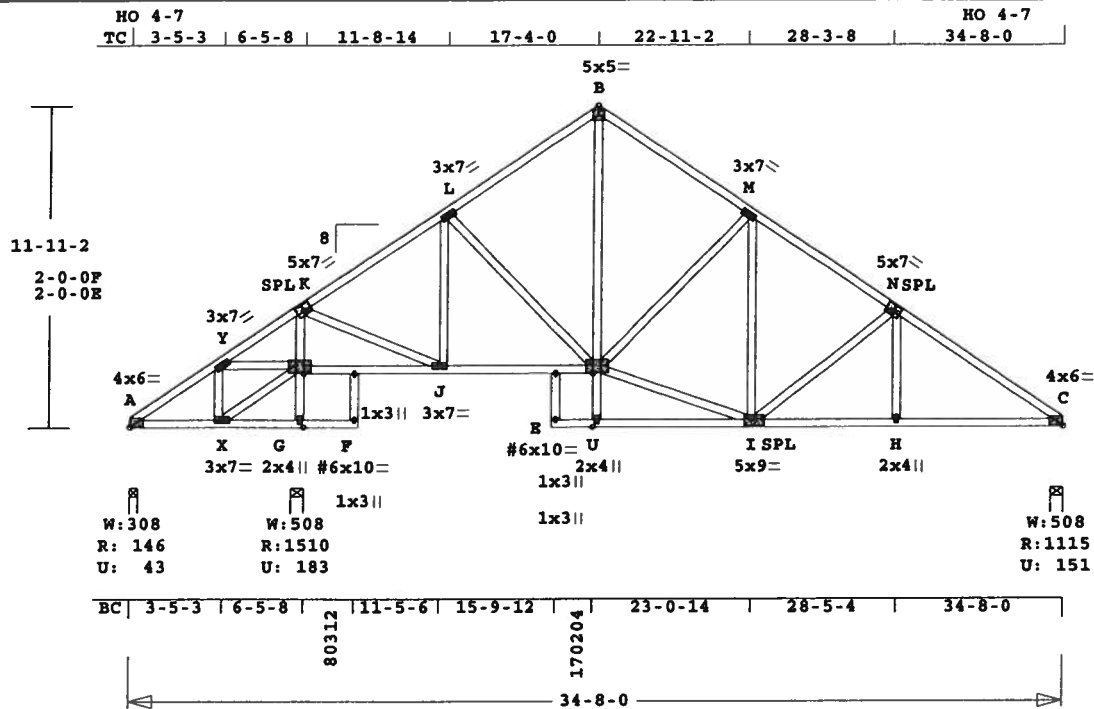
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 6- 3- 0
Max comp. force 1566 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#MICHAELPARNELL MICHAEL PARNELL



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.140" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 297.3 LBS

H - C 0.31 1294 T 0.21 0.10

Tampa, FL 33682

-----Chord-Webs-----

G - F 0.13 1488 C 0.13 0.00
F - K 0.12 1372 C 0.12 0.00
U - E 0.10 92 T 0.01 0.09
E - B 0.14 681 T 0.12 0.02

-----Webs-----

X - Y 0.01 117 T
X - F 0.02 160 T
Y - F 0.03 284 C
K - J 0.20 1100 T
J - L 0.13 319 C
L - E 0.07 108 T
E - M 0.25 310 C
E - I 0.19 1045 T
I - M 0.02 168 T
I - N 0.22 401 C
H - N 0.03 222 T

TL Defl -0.12" in U - I L/999
LL Defl -0.05" in U - I L/999
Shear // Grain in L - B 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

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 0.5 0.4 0.69

Y LOCK 3.0x 7.0 Ctr Ctr 0.43

K LOCK 5.0x 7.0-0.3 0.5 0.76

L LOCK 3.0x 7.0 Ctr Ctr 0.43

B LOCK 5.0x 5.0 Ctr Ctr 0.64

M LOCK 3.0x 7.0 Ctr Ctr 0.43

N LOCK 5.0x 7.0 0.3 0.5 0.72

C LOCK 4.0x 6.0-0.5 0.4 0.69

X LOCK 3.0x 7.0 Ctr Ctr 0.42

G LOCK 2.0x 4.0 Ctr Ctr 0.59

F# LOCK 6.0x10.0 0.1 1.3 0.64

J LOCK 3.0x 7.0 Ctr Ctr 0.47

E# LOCK 6.0x10.0 Ctr 1.3 0.64

U LOCK 2.0x 4.0 Ctr Ctr 0.58

I LOCK 5.0x 9.0-0.5-0.5 0.74

H LOCK 2.0x 4.0 Ctr Ctr 0.44

= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Design checked for 10 psf non-

concurrent LL on BC.

NOTE: USER MODIFIED PLATES

This design may have plates

selected through a plate

monitor.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

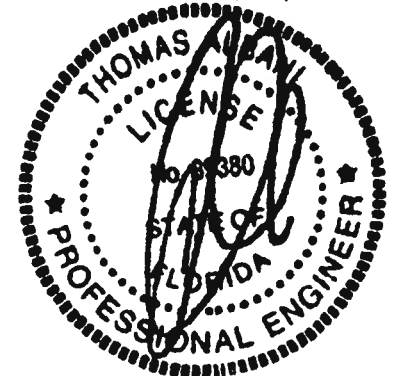
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1553 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI	Size	-----Lumber-----
TC	0.29	2x 4 SP-#2
BC	0.33	2x 4 SP-#2
CW	0.14	2x 4 SP-#2
WB	0.25	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 8- 0
BC Cont.	0- 0- 0	34- 8- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

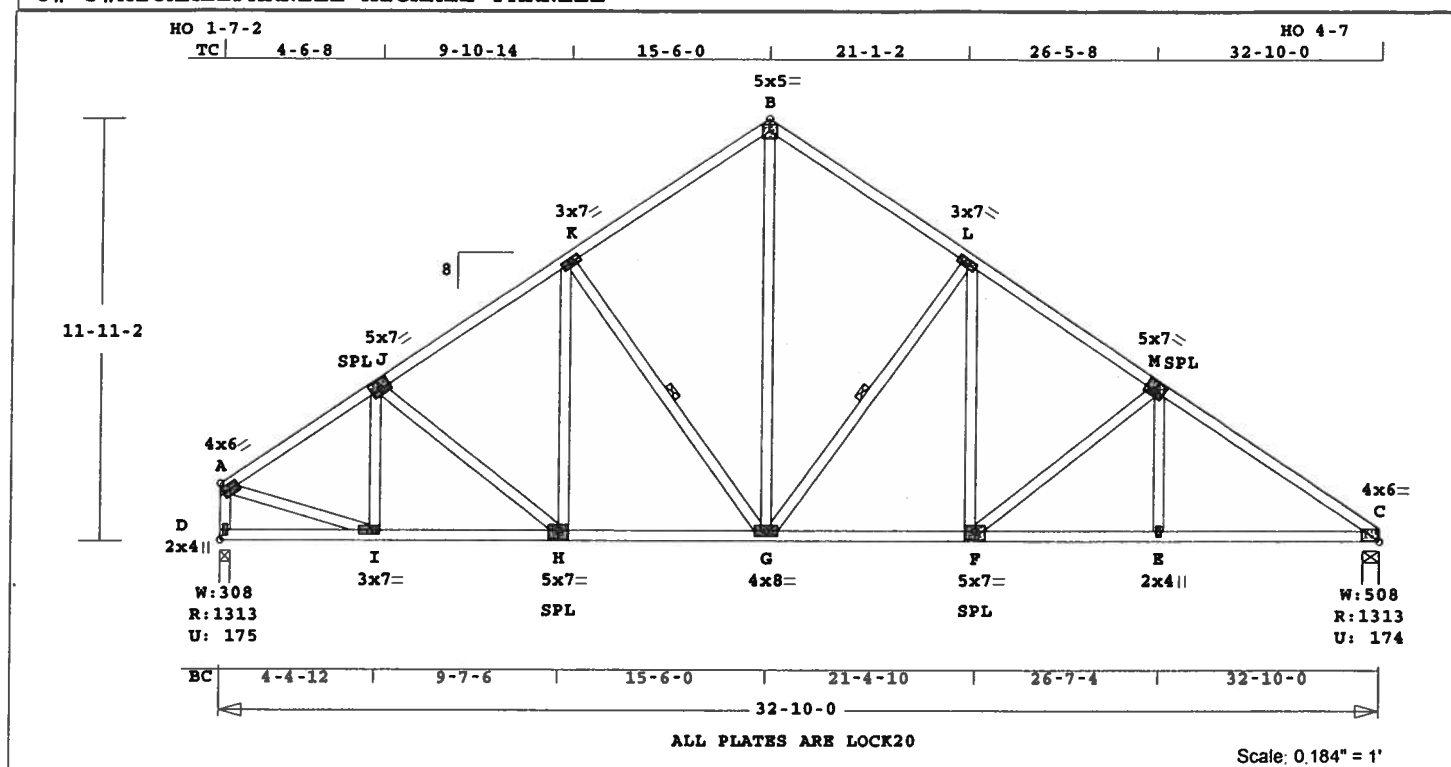
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	147	44	3- 8	1- 8
			Hx =	-264
G	1511	184	5- 8	1-11
C	1116	152	5- 8	1- 8
			Hx =	265

Membr	CSI	P Lbs	Axl	CSI-Bnd
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-----Top Chords-----				
A - Y	0.07	151 T	0.00	0.07
Y - K	0.24	302 T	0.05	0.19
K - L	0.29	929 C	0.00	0.29
L - B	0.29	920 C	0.00	0.29
B - M	0.28	918 C	0.00	0.28
M - N	0.29	1176 C	0.01	0.28
N - C	0.29	1553 C	0.01	0.28
-----Bottom Chords-----				
A - X	0.06	127 T	0.00	0.06
X - G	0.06	25 C	0.00	0.06
G - J	0.17	233 C	0.00	0.17
J - E	0.25	777 T	0.08	0.17
U - I	0.20	27 C	0.00	0.20
I - H	0.33	1294 T	0.13	0.20

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A3	2	TR	321000	8	0	0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



ALL PLATES ARE LOCK20

Scale: 0.184" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 271.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ----Lumber-----
TC 0.30 2x 4 SP-#2
BC 0.35 2x 4 SP-#2
WB 0.36 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 32-10- 0
BC Cont. 0- 0- 0 32-10- 0
WB 1 rows CLB on K -G
WB 1 rows CLB on G -L
Attach CLB with (2)-10d nails
at each web.

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	1313	175	3- 8	1- 9
			Hz =	-278
C	1313	175	5- 8	1- 9
			Hz =	257

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -J	0.23	1405	C	0.01 0.22
J -K	0.30	1390	C	0.01 0.29
K -B	0.30	1117	C	0.01 0.29
B -L	0.29	1117	C	0.01 0.28
L -M	0.29	1522	C	0.01 0.28
M -C	0.29	1896	C	0.02 0.27
-----Bottom Chords-----				

D -I	0.13	261	T	0.00	0.13
I -H	0.27	1182	T	0.12	0.15
H -G	0.30	1159	T	0.12	0.18
G -F	0.31	1267	T	0.21	0.10
F -E	0.34	1577	T	0.26	0.08
E -C	0.35	1577	T	0.26	0.09
-----Webs-----					
D -A	0.12	1276	C	WindLd	
A -I	0.22	1242	T		
I -J	0.06	278	C		
J -H	0.04	84	C		
H -K	0.03	236	T		
K -G	0.12	394	C	1 Br	
G -B	0.36	899	T		
G -L	0.17	575	C	1 Br	
F -L	0.06	401	T		
F -M	0.22	394	C		
E -M	0.03	225	T		

TL Defl -0.14" in G -F L/999
LL Defl -0.06" in G -F L/999
Shear // Grain in K -B 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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	0.1	0.69
J LOCK	5.0x	7.0-0.3	0.5	0.70
K LOCK	3.0x	7.0	Ctr	0.44
B LOCK	5.0x	5.0	Ctr	0.62
L LOCK	3.0x	7.0	Ctr	0.44
M LOCK	5.0x	7.0	0.3	0.70
C LOCK	4.0x	6.0-0.5	0.4	0.67
D LOCK	2.0x	4.0	Ctr	0.46
I LOCK	3.0x	7.0	Ctr	0.52
H LOCK	5.0x	7.0	Ctr	0.72
G LOCK	4.0x	8.0	Ctr	0.43
F LOCK	5.0x	7.0	Ctr	0.72
E LOCK	2.0x	4.0	Ctr	0.43

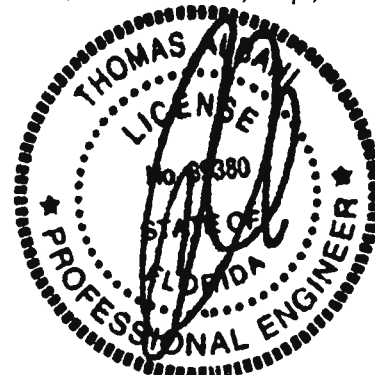
REVIEWED BY:
Robbins Engineering, Inc.

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
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1896 Lbs
Quality Control Factor 1.25

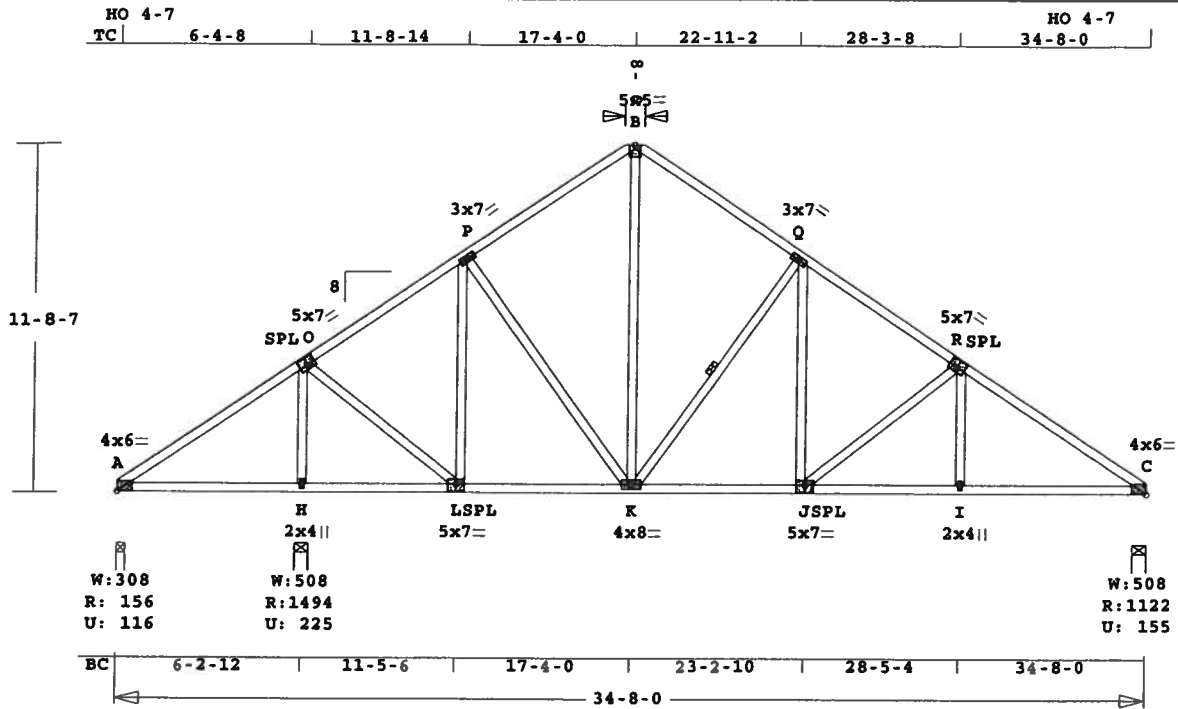
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 6/11/2006

Job MICHAELPARNELL	Mark A4	Quan 1	Type TR	Span 340800	Pl-H1 8	Left OH 0	Right OH 0	Engineering T06061177
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U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 268.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ----Lumber----
TC 0.38 2x 4 SP-#2
BC 0.31 2x 4 SP-#2
WB 0.32 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 8- 0
BC Cont. 0- 0- 0 34- 8- 0
WB 1 rows CLB on K -Q
Attach CLB with (2)-10d nails
at each web.

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	157	116	3- 8	1- 8
			Hz =	-263
H	1494	226	5- 8	1-10
C	1122	156	5- 8	1- 8
			Hz =	265

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -O	0.38	162 T	0.03	0.35
O -P	0.35	718 C	0.00	0.35
P -B	0.26	776 C	0.00	0.26
B -Q	0.28	777 C	0.00	0.28
Q -R	0.29	1185 C	0.01	0.28
R -C	0.29	1566 C	0.01	0.28
-----Bottom Chords-----				

A -H	0.23	103 T	0.00	0.23
H -L	0.23	103 T	0.00	0.23
L -K	0.23	593 T	0.05	0.18
K -J	0.28	985 T	0.10	0.18
J -I	0.31	1305 T	0.21	0.10
I -C	0.31	1305 T	0.21	0.10
-----Webs-----				
H -O	0.31	1333 C		
O -L	0.15	841 T		
L -P	0.32	427 C		
P -K	0.07	154 T		
K -B	0.29	520 T		
B -Q	0.17	578 C	1 Br	
Q -J	0.06	404 T		
J -R	0.23	405 C		
I -R	0.03	231 T		

TL Defl -0.07" in A -H L/999
LL Defl -0.03" in A -H L/999
Shear // Grain in A -O 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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	0.5	0.4	0.69
O LOCK	5.0x 7.0	0.3	0.5	0.72
P LOCK	3.0x 7.0	Ctr	Ctr	0.45
B LOCK	5.0x 5.0	Ctr	-1.0	0.83
Q LOCK	3.0x 7.0	Ctr	Ctr	0.45
R LOCK	5.0x 7.0	0.3	0.5	0.72
C LOCK	4.0x 6.0	0.5	0.4	0.69
H LOCK	2.0x 4.0	Ctr	Ctr	0.44
L LOCK	5.0x 7.0	Ctr	-0.5	0.74
K LOCK	4.0x 8.0	Ctr	Ctr	0.43
J LOCK	5.0x 7.0	Ctr	-0.5	0.74
I LOCK	2.0x 4.0	Ctr	Ctr	0.44

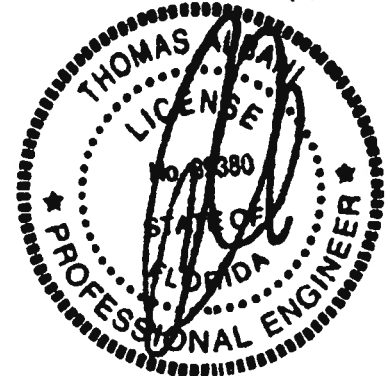
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

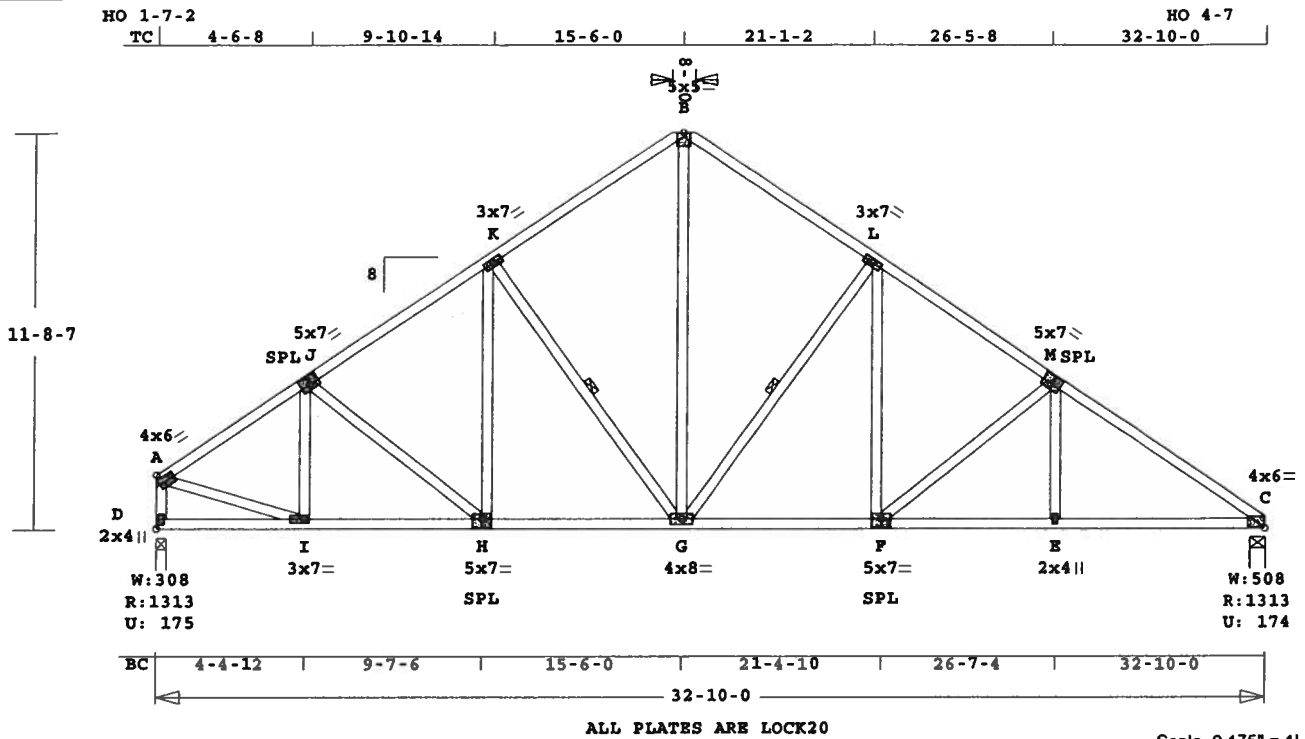
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 6- 3- 0
Max comp. force 1566 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job MICHAEL PARNELL	Mark A5	Quan 1	Type TR	Span 321000	Pl-H1 8	Left OH 0	Right OH 0	Engineering T06061177
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U# J#MICHAEL PARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 271.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ---Lumber---
TC 0.30 2x 4 SP-#2
BC 0.35 2x 4 SP-#2
WB 0.36 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 32-10- 0
BC Cont. 0- 0- 0 32-10- 0
WB 1 rows CLB on K -G
WB 1 rows CLB on G -L
Attach CLB with (2)-10d nails
at each web.

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	1313	175	3- 8	1- 9
			Hz =	-278
C	1313	175	5- 8	1- 9
			Hz =	257

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -J	0.23	1405 C	0.01	0.22
J -K	0.30	1390 C	0.01	0.29
K -B	0.30	1117 C	0.01	0.29
B -L	0.29	1117 C	0.01	0.28
L -M	0.29	1522 C	0.01	0.28
M -C	0.29	1896 C	0.02	0.27
-----Bottom Chords-----				

D -I	0.13	261 T	0.00	0.13	
I -H	0.27	1182 T	0.12	0.15	
H -G	0.30	1160 T	0.12	0.18	
G -F	0.31	1267 T	0.21	0.10	
F -E	0.34	1578 T	0.26	0.08	
E -C	0.35	1578 T	0.26	0.09	
-----Webs-----					
D -A	0.12	1276 C	WindLd		
A -I	0.22	1242 T			
I -J	0.06	278 C			
J -H	0.04	84 C			
H -K	0.03	236 T			
K -G	0.12	394 C	1 Br		
G -B	0.36	899 T			
G -L	0.17	575 C	1 Br		
F -L	0.06	401 T			
F -M	0.22	394 C			
E -M	0.03	225 T			

TL Defl -0.14" in G -F L/999
LL Defl -0.06" in G -F L/999
Shear // Grain in K -B 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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	0.1	0.1 0.69
J LOCK	5.0x 7.0	0.3	0.5 0.70
K LOCK	3.0x 7.0	Ctr	Ctr 0.44
B LOCK	5.0x 5.0	Ctr	1.0 0.81
L LOCK	3.0x 7.0	Ctr	Ctr 0.44
M LOCK	5.0x 7.0	0.3	0.5 0.70
C LOCK	4.0x 6.0	0.5	0.4 0.67
D LOCK	2.0x 4.0	Ctr	Ctr 0.46
I LOCK	3.0x 7.0	Ctr	Ctr 0.52
H LOCK	5.0x 7.0	Ctr	0.5 0.72
G LOCK	4.0x 8.0	Ctr	Ctr 0.43
F LOCK	5.0x 7.0	Ctr	0.5 0.72
E LOCK	2.0x 4.0	Ctr	Ctr 0.43

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

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 1896 Lbs

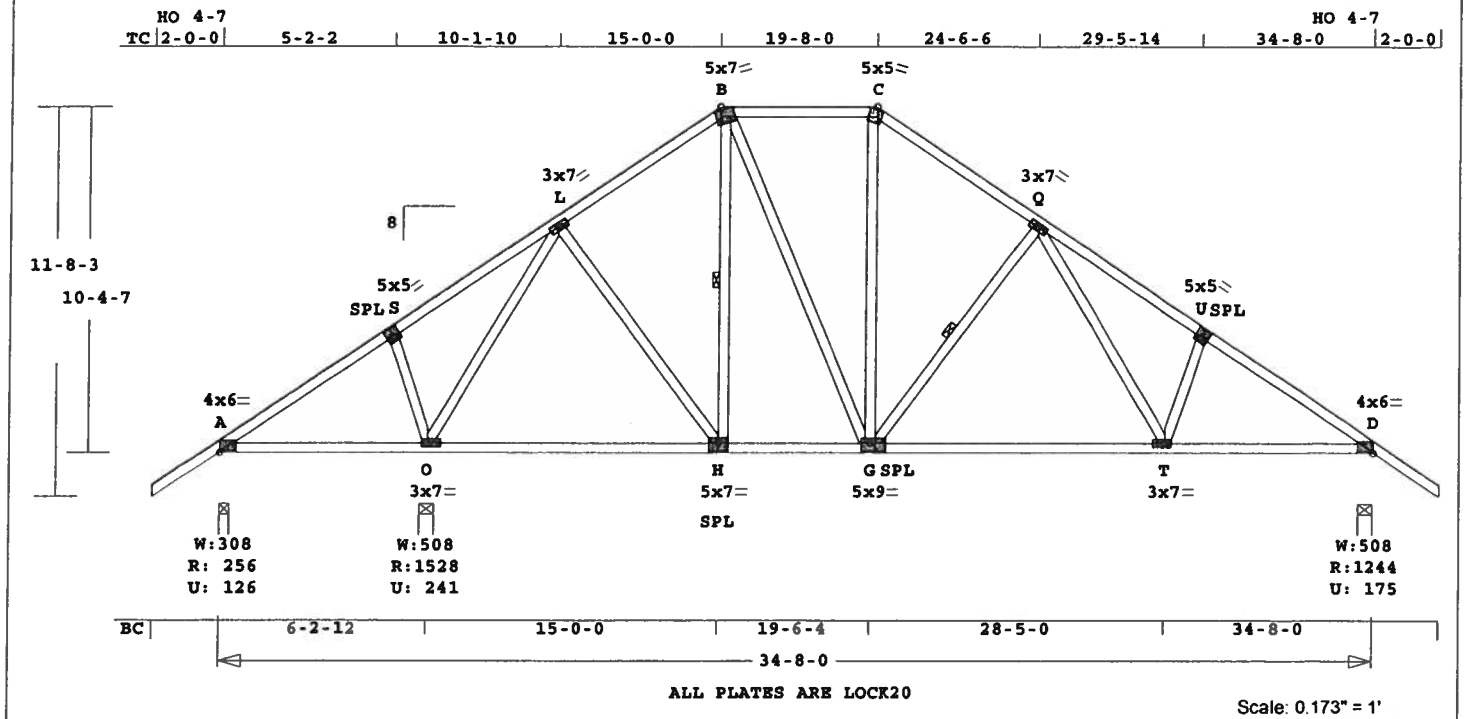
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A6	1	SP	340800	8	2- 0- 0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 281.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ---Lumber---
TC 0.30 2x 4 SP-#2
BC 0.48 2x 4 SP-#2
WB 0.95 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 34- 8- 0
BC Cont. 0- 0- 0 34- 8- 0
WB 1 rows CLB on H -B
WB 1 rows CLB on G -Q
Attach CLB with (2)-10d nails
at each web.

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	257	126	3- 8	1- 8
			Hx =	-228
O	1529	241	5- 8	1-11
D	1244	176	5- 8	1- 8
			Hx =	230

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
---Top Chords---					
A -S	0.30		138	T	0.02 0.28
S -L	0.29		169	T	0.01 0.28
L -B	0.21		784	C	0.00 0.21
B -C	0.15		765	C	0.00 0.15
C -Q	0.23		927	C	0.00 0.23
Q -U	0.24		1518	C	0.01 0.23
U -D	0.19		1613	C	0.01 0.18

Bottom Chords					
A -O	0.41	93	C	0.00	0.41
O -H	0.45	469	T	0.04	0.41
H -G	0.36	648	T	0.06	0.30
G -T	0.45	1038	T	0.10	0.35
T -D	0.48	1340	T	0.13	0.35
Webs					
S -O	0.05	285	C		
O -L	0.95	1230	C		
L -H	0.05	304	T		
H -B	0.04	120	C		1 Br
B -G	0.05	295	T		
G -C	0.06	285	T		
G -Q	0.11	461	C		1 Br
Q -T	0.08	462	T		
T -U	0.04	246	C		

TL Defl -0.30" in G -T L/999
LL Defl -0.14" in G -T L/999
Shear // Grain in O -H 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x	6.0	0.5 0.4 0.69
S LOCK	5.0x	5.0-0.3	0.5 0.72
L LOCK	3.0x	7.0 Ctr Ctr	0.52
B LOCK	5.0x	7.0 1.6-3.4	0.71
C LOCK	5.0x	5.0-0.9-3.1	0.63
Q LOCK	3.0x	7.0 Ctr Ctr	0.52
U LOCK	5.0x	5.0 3.0 0.5	0.72
D LOCK	4.0x	6.0-0.5	0.4 0.69
O LOCK	3.0x	7.0 1.1 Ctr	0.57
H LOCK	5.0x	7.0 Ctr-0.5	0.74
G LOCK	5.0x	9.0-0.5-0.5	0.74
T LOCK	3.0x	7.0-1.1 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.

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 a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

User-defined wind-exposed BC

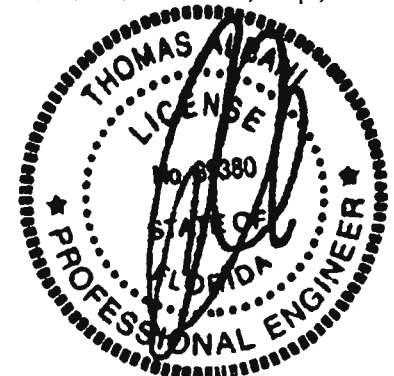
regions --From-- ---To---

0- 0- 0 6- 3- 0

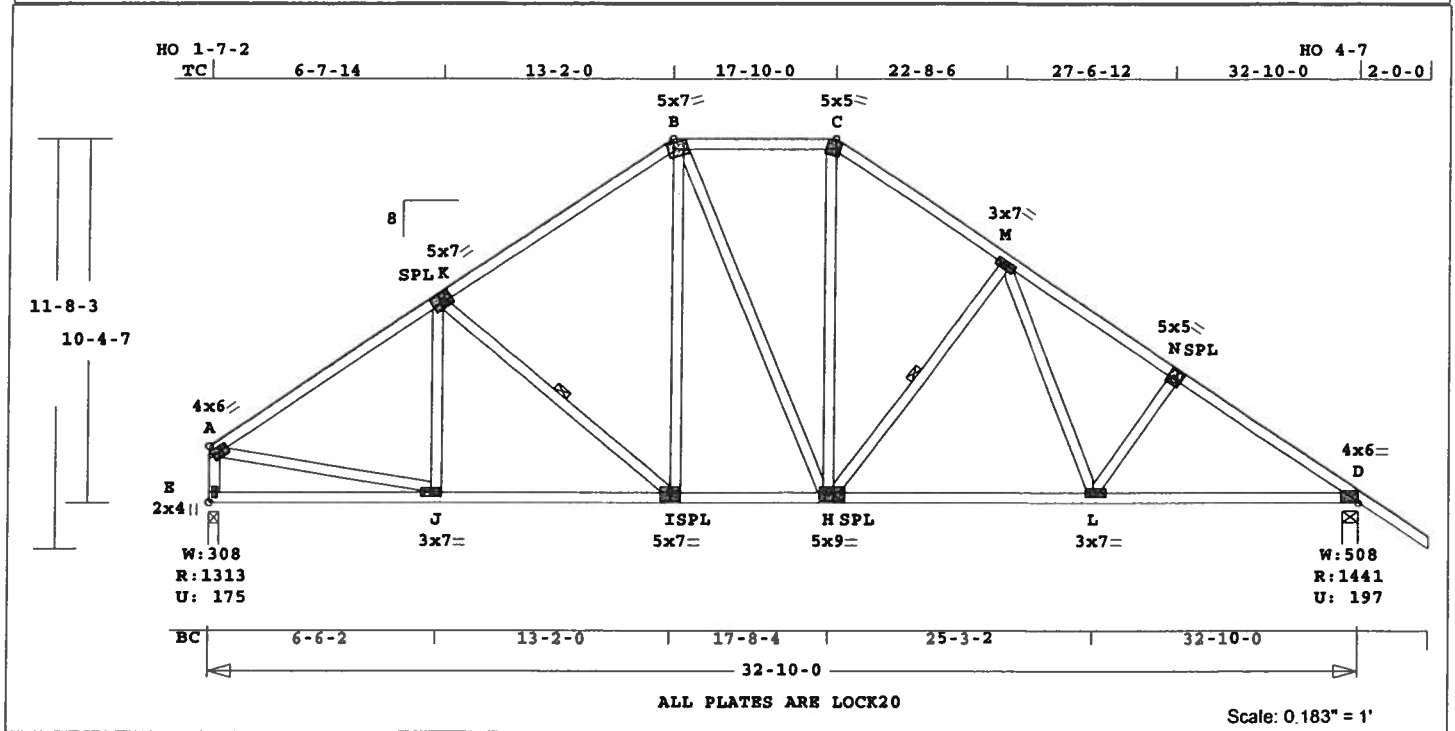
Max comp. force 1613 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 273.0 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI	Size	Lumber
TC	0.50	2x 4 SP-#2
BC	0.47	2x 4 SP-#2
WB	0.23	2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 32-10- 0
BC Cont. 0- 0- 0 32-10- 0
WB 1 rows CLB on K -I
WB 1 rows CLB on H -M
Attach CLB with (2)-10d nails
at each web.

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	1313	175	3- 8	1- 9
			Hz =	-243
D	1441	197	5- 8	1-11
			Hz =	223

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.50	1479 C	0.01	0.49
K -B	0.50	1246 C	0.01	0.49
B -C	0.16	1056 C	0.00	0.16
C -M	0.22	1273 C	0.01	0.21
M -N	0.22	1759 C	0.01	0.21
N -D	0.20	1925 C	0.02	0.18
-----Bottom Chords-----				

E -J	0.29	226 T	0.00	0.29		
J -I	0.42	1251 T	0.13	0.29		
I -H	0.31	1023 T	0.10	0.21		
H -L	0.44	1334 T	0.13	0.31		
L -D	0.47	1601 T	0.16	0.31		
-----Webs-----						
E -A	0.12	1260 C	WindLd			
A -J	0.23	1279 T				
J -K	0.04	118 C				
K -I	0.07	291 C			1 Br	
I -B	0.05	337 T				
B -H	0.14	144 T				
H -C	0.09	427 T				
H -M	0.11	469 C			1 Br	
M -L	0.06	412 T				
L -N	0.05	240 C				

TL Defl -0.19" in H -L L/999
LL Defl -0.08" in H -L L/999
Shear // Grain in A -K 0.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

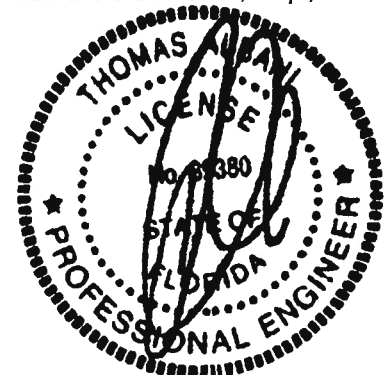
Plate	LOCK	20 Ga	Gross Area	
Plate - LOCK 20 Ga, Gross Area				
Plate - RHS 20 Ga, Gross Area				
Jt Type	Plt Size	X	Y	
			JSI	
A LOCK	4.0x 6.0	0.1	0.1	0.69
K LOCK	5.0x 7.0	0.3	0.5	0.70
B LOCK	5.0x 7.0	1.6-3.4		0.70
C LOCK	5.0x 5.0	0.9-3.1		0.61
M LOCK	3.0x 7.0	Ctr Ctr		0.52
N LOCK	5.0x 5.0	0.3	0.5	0.70
D LOCK	4.0x 6.0	0.5	0.4	0.67
E LOCK	2.0x 4.0	Ctr Ctr		0.46
J LOCK	3.0x 7.0	Ctr Ctr		0.84
I LOCK	5.0x 7.0	Ctr-0.5		0.72
H LOCK	5.0x 9.0	0.5-0.5		0.72
L LOCK	3.0x 7.0	1.0	Ctr	0.54

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

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

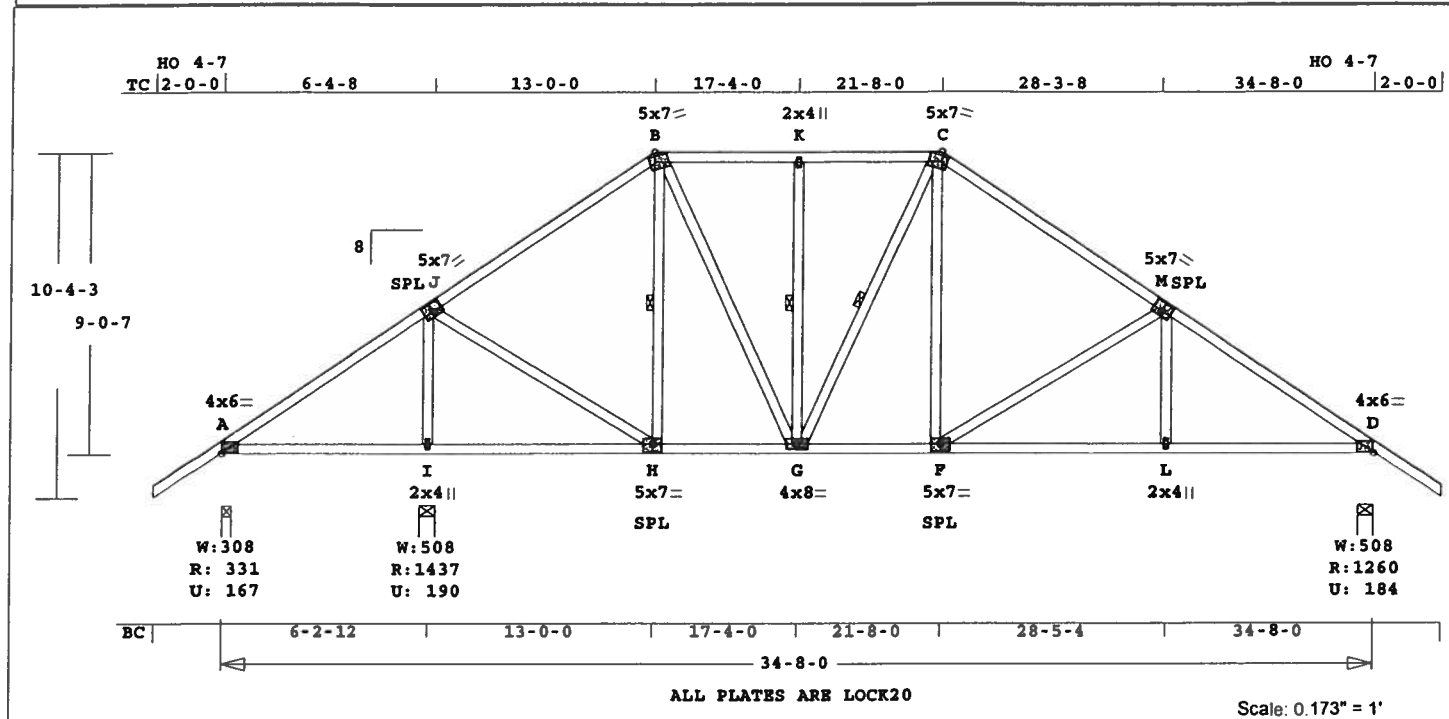
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1925 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAEL PARNELL	A8	1	SP	340800	8	2- 0- 0	2- 0- 0	T06061177

U# J#MICHAEL PARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 278.0 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ---Lumber---
TC 0.50 2x 4 SP-#2
BC 0.36 2x 4 SP-#2
WB 0.40 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 8- 0
BC Cont. 0- 0- 0 34- 8- 0
WB 1 rows CLB on H -B
WB 1 rows CLB on G -K
WB 1 rows CLB on G -C
Attach CLB with (2)-10d nails
at each web.

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

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
A 331 168 3- 8 1- 8
I 1438 191 5- 8 1- 9
D 1260 185 5- 8 1- 8
Hz = -197
Hz = 199

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -J 0.50 118 T 0.01 0.49
J -B 0.49 814 C 0.00 0.49
B -K 0.15 860 C 0.00 0.15
K -C 0.13 860 C 0.00 0.13
C -M 0.41 1105 C 0.01 0.40
M -D 0.41 1599 C 0.01 0.40

-----Bottom Chords-----
A -I 0.29 95 T 0.00 0.29
I -H 0.29 95 T 0.00 0.29
H -G 0.24 667 T 0.06 0.18
G -F 0.28 908 T 0.09 0.19
F -L 0.36 1339 T 0.13 0.23
L -D 0.36 1339 T 0.13 0.23

-----Webs-----
I -J 0.29 1269 C
J -H 0.14 758 T
H -B 0.07 281 C 1 Br
B -G 0.08 446 T
G -K 0.06 242 C 1 Br
K -C 0.03 127 C 1 Br
C -F 0.07 433 T
F -M 0.40 499 C
L -M 0.04 270 T

TL Defl -0.05" in A -I L/999
LL Defl -0.02" in A -I L/999
Shear // Grain in J -B 0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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 0.5 0.4 0.69
J LOCK 5.0x 7.0 0.3 0.5 0.72
B LOCK 5.0x 7.0 1.6-3.4 0.69
K LOCK 2.0x 4.0 Ctr Ctr 0.44
C LOCK 5.0x 7.0 1.6-3.4 0.69
M LOCK 5.0x 7.0 0.3 0.5 0.72
D LOCK 4.0x 6.0 0.5 0.4 0.69
I LOCK 2.0x 4.0 Ctr Ctr 0.44
H LOCK 5.0x 7.0 Ctr-0.5 0.74
G LOCK 4.0x 8.0 Ctr Ctr 0.49
F LOCK 5.0x 7.0 Ctr-0.5 0.74
L LOCK 2.0x 4.0 Ctr Ctr 0.44

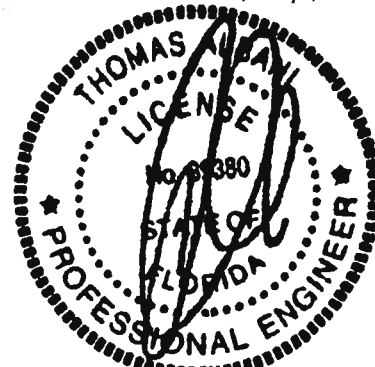
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

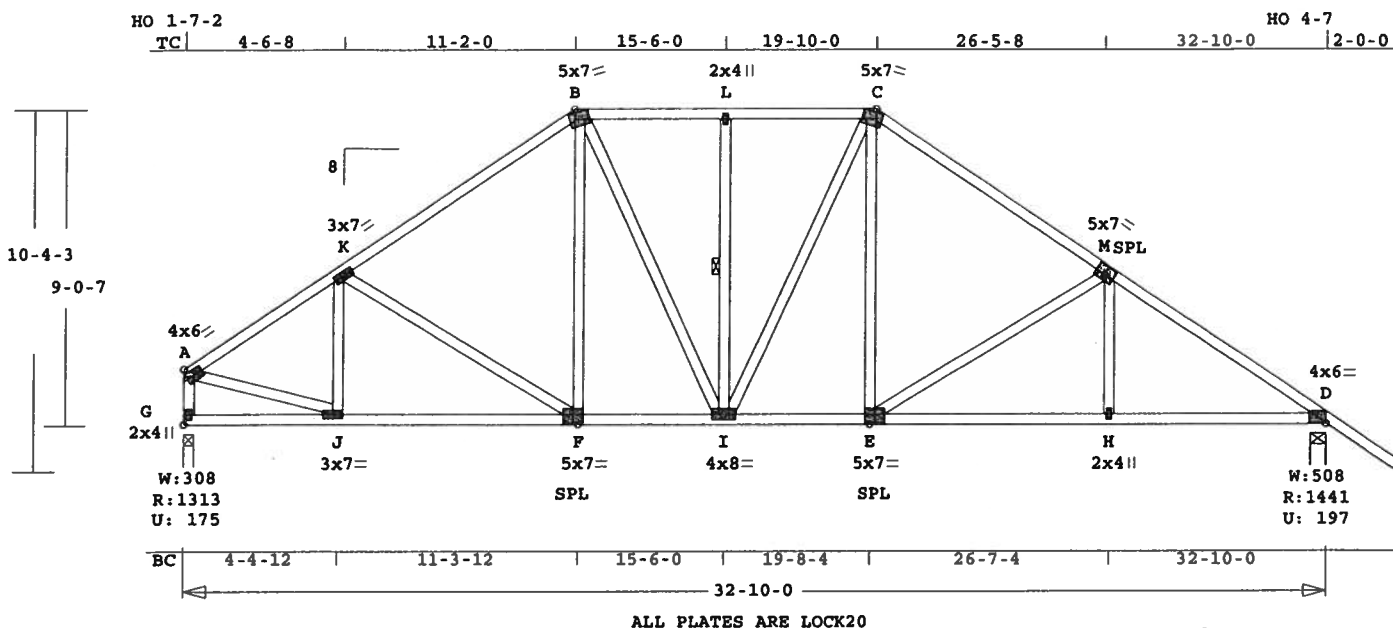
NOTES:

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 a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 6- 3- 0
Max comp. force 1599 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 275.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI	Size	Lumber
TC	0.41	2x 4 SP-#2
BC	0.38	2x 4 SP-#2
WB	0.39	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32-10- 0
BC Cont.	0- 0- 0	32-10- 0

WB 1 rows CLB on I -L
Attach CLB with (2)-10d nails at each web.

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
G	1313	175	3- 8	1- 9
			Hz =	-212
D	1441	197	5- 8	1-11
			Hz =	192

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.38	1424	C	0.01 0.37
K -B	0.40	1342	C	0.04 0.36
B -L	0.15	1217	C	0.01 0.14
L -C	0.15	1217	C	0.01 0.14
C -M	0.40	1426	C	0.01 0.39
M -D	0.41	1912	C	0.02 0.39
-----Bottom Chords-----				
G -J	0.20	195	T	0.00 0.20

J	-F	0.32	1207	T	0.20	0.12
F	-I	0.31	1108	T	0.11	0.20
I	-E	0.32	1177	T	0.12	0.20
E	-H	0.38	1597	T	0.26	0.12
H	-D	0.38	1597	T	0.16	0.22

G	-A	0.12	1281	C	WindLd
A	-J	0.23	1268	T	
J	-K	0.06	264	C	
K	-F	0.10	131	C	
F	-B	0.04	286	T	
B	-I	0.07	250	T	
I	-L	0.06	253	C	1 Br
L	-C	0.08	112	T	
C	-E	0.06	430	T	
E	-M	0.39	486	C	
M	-H	0.04	265	T	

TL Defl -0.16" in E -H L/999
LL Defl -0.07" in E -H L/999
Shear // Grain in K -B 0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate	RHS	20 Ga <td>Gross Area</td>	Gross Area
Jt	Type	Plt Size	X Y JSI
A	LOCK	4.0x 6.0	0.1 0.1 0.69
K	LOCK	3.0x 7.0	Ctr Ctr 0.43
B	LOCK	5.0x 7.0	1.6-3.4 0.68
L	LOCK	2.0x 4.0	Ctr Ctr 0.43
C	LOCK	5.0x 7.0	1.6-3.4 0.68
M	LOCK	5.0x 7.0	0.3 0.5 0.70
D	LOCK	4.0x 6.0	0.5 0.4 0.67
G	LOCK	2.0x 4.0	Ctr Ctr 0.46
J	LOCK	3.0x 7.0	Ctr Ctr 0.86
F	LOCK	5.0x 7.0	Ctr-0.5 0.72
I	LOCK	4.0x 8.0	Ctr Ctr 0.48
E	LOCK	5.0x 7.0	Ctr-0.5 0.72
H	LOCK	2.0x 4.0	Ctr Ctr 0.43

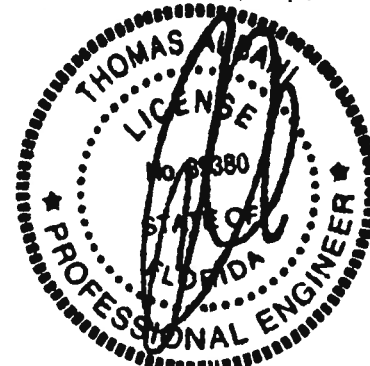
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

Tampa, FL 33682

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

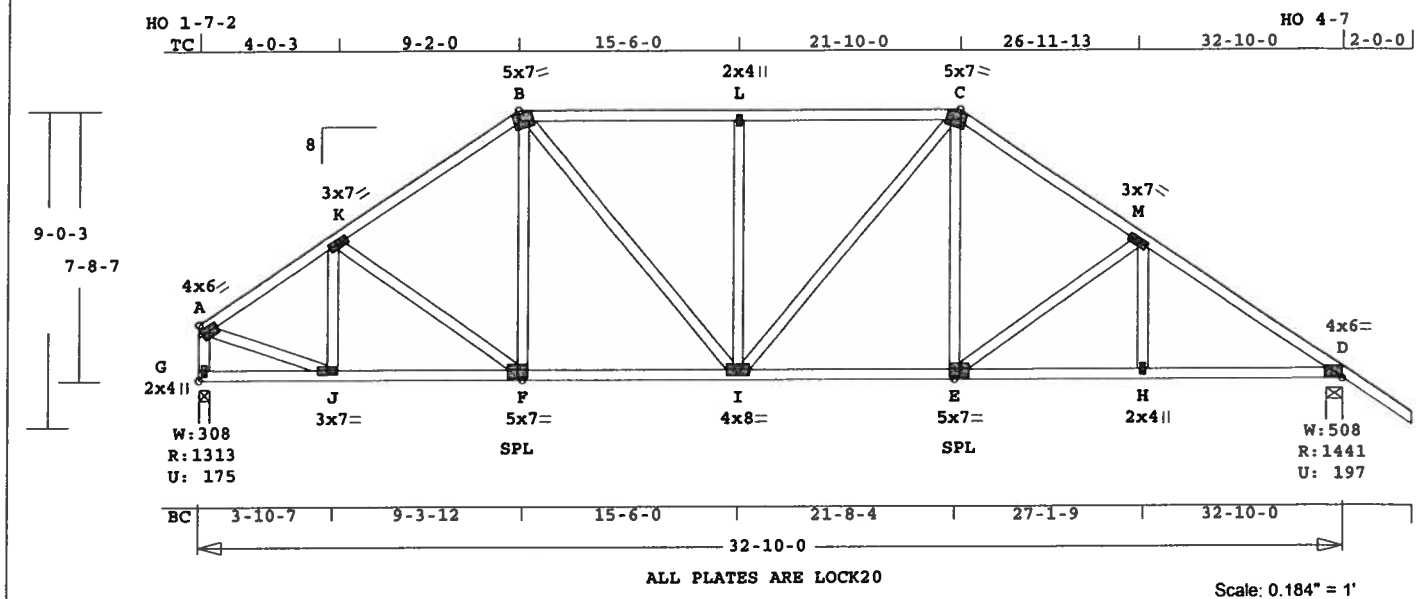
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1912 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A10	1	HIPP	321000	8	0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 258.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ----Lumber----

TC	0.44	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.29	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32-10- 0
BC Cont.	0- 0- 0	32-10- 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 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
G	1313	175	3- 8	1- 9
			Hz =	-182
D	1441	197	5- 8	1-11
			Hz =	161

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -K	0.21	1367	C	0.01 0.20
K -B	0.21	1411	C	0.01 0.20
B -L	0.44	1464	C	0.01 0.43
L -C	0.44	1464	C	0.01 0.43
C -M	0.25	1559	C	0.01 0.24
M -D	0.24	1920	C	0.02 0.22
-----Bottom Chords-----				
G -J	0.11	165	T	0.00 0.11
J -F	0.30	1151	T	0.12 0.18
F -I	0.32	1173	T	0.12 0.20

I -E	0.33	1293	T	0.21 0.12
E -H	0.36	1596	T	0.26 0.10
H -D	0.33	1596	T	0.26 0.07

-----Webs-----

G -A	0.12	1281	C	WindLd
A -J	0.22	1226	T	
J -K	0.06	328	C	
K -F	0.03	76	T	
F -B	0.03	219	T	
B -I	0.09	452	T	
I -L	0.29	423	C	
L -C	0.08	265	T	
E -C	0.06	388	T	
E -M	0.19	365	C	
H -M	0.03	208	T	

TL Defl -0.14" in I -E L/999

LL Defl -0.06" in I -E L/999

Shear // Grain in B -L 0.27

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

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	0.1	0.1	0.69
K LOCK	3.0x 7.0	Ctr	Ctr	0.43
B LOCK	5.0x 7.0	1.6-3.4	0.67	
L LOCK	2.0x 4.0	Ctr	Ctr	0.43
C LOCK	5.0x 7.0	1.6-3.4	0.67	
M LOCK	3.0x 7.0	Ctr	Ctr	0.43
D LOCK	4.0x 6.0	0.5	0.4	0.67
G LOCK	2.0x 4.0	Ctr	Ctr	0.46
J LOCK	3.0x 7.0	Ctr	Ctr	0.49
F LOCK	5.0x 7.0	Ctr	0.5	0.72
I LOCK	4.0x 8.0	Ctr	Ctr	0.41
E LOCK	5.0x 7.0	Ctr	0.5	0.72
H LOCK	2.0x 4.0	Ctr	Ctr	0.43

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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 a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 1920 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani

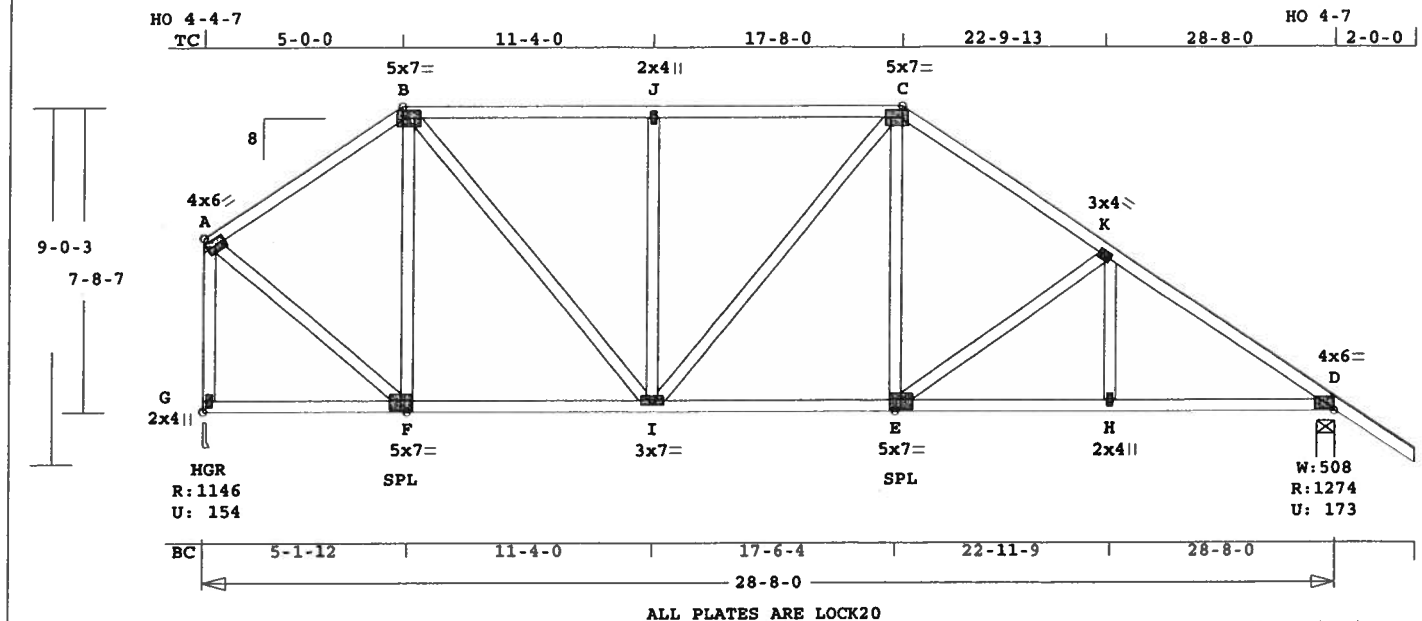
License #: 39380

Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A11	1	HIPP	280800	8	0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus[™] APPROX. TRUSS WEIGHT: 232.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ----Lumber-----
TC 0.41 2x 4 SP-#2
BC 0.32 2x 4 SP-#2
WB 0.28 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 28- 8- 0
BC Cont. 0- 0- 0 28- 8- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
G	1147	155	3- 8	1- 8
			H _z =	-217
D	1275	173	5- 8	1- 8
			H _z =	149

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.25		771 C	0.00	0.25
B -J	0.41		1076 C	0.00	0.41
J -C	0.41		1076 C	0.00	0.41
C -K	0.24		1264 C	0.01	0.23
K -D	0.24		1633 C	0.01	0.23
-----Bottom Chords-----					
G -F	0.19		163 T	0.00	0.19
F -I	0.26		653 T	0.06	0.20
I -E	0.31		1047 T	0.11	0.20
E -H	0.32		1359 T	0.22	0.10

H -D	0.29	1359 T	0.22	0.07
-----Webs-----				
G -A	0.25	1106 C	WindLd	
A -F	0.15	842 T		
F -B	0.28	413 C		
B -I	0.12	656 T		
I -J	0.28	411 C		
I -C	0.07	79 T		
E -C	0.06	392 T		
E -K	0.20	377 C		
H -K	0.03	213 T		

TL Defl -0.10" in I -E L/999
LL Defl -0.04" in E -H L/999
Shear // Grain in J -C 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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 0.1 0.1 0.61
B LOCK 5.0x 7.0 Ctr-0.2 0.87
J LOCK 2.0x 4.0 Ctr Ctr 0.40
C LOCK 5.0x 7.0 Ctr-0.2 0.87
K LOCK 3.0x 4.0 Ctr Ctr 0.72
D LOCK 4.0x 6.0-0.5 0.4 0.63
G LOCK 2.0x 4.0 Ctr Ctr 0.41
F LOCK 5.0x 7.0 Ctr-0.5 0.67
I LOCK 3.0x 7.0 Ctr Ctr 0.52
E LOCK 5.0x 7.0 Ctr-0.5 0.67
H 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:

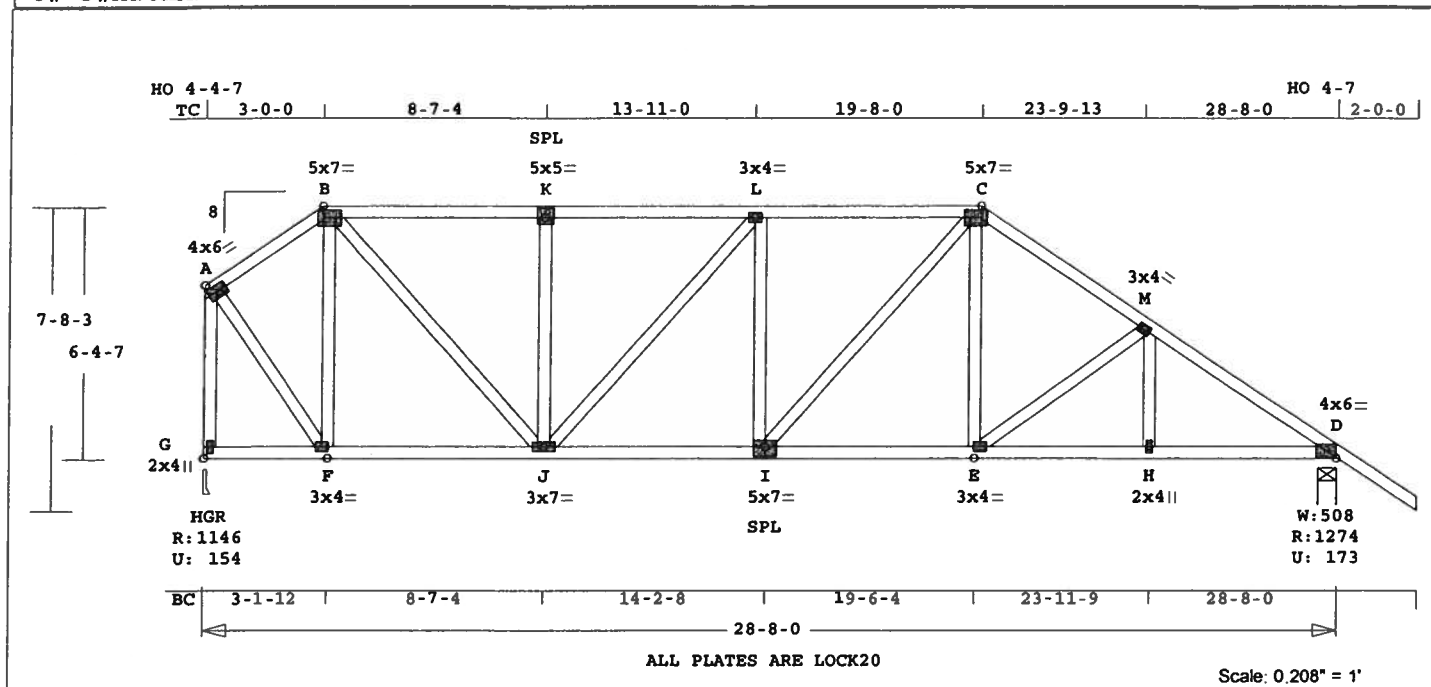
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1633 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A13	1	HIPP	280800	8	0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 237.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ----Lumber----

TC	0.31	2x 4	SP-#2
BC	0.31	2x 4	SP-#2
WB	0.28	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 8- 0
BC Cont.	0- 0- 0	28- 8- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
G	1147	155	3- 8	1- 8
			Hx =	-187
D	1275	173	5- 8	1- 8
			Hx =	119

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.08		607 C	0.00	0.08
B -K	0.26		1139 C	0.00	0.26
K -L	0.30		1139 C	0.00	0.30
L -C	0.31		1359 C	0.01	0.30
C -M	0.20		1394 C	0.01	0.19
M -D	0.16		1670 C	0.01	0.15
-----Bottom Chords-----					
G -F	0.12		133 T	0.00	0.12
F -J	0.20		519 T	0.05	0.15
J -I	0.31		1359 T	0.22	0.09

I -E	0.28	1160 T	0.19	0.09
E -H	0.30	1384 T	0.23	0.07
H -D	0.30	1384 T	0.23	0.07
-----Webs-----				
G -A	0.25	1126 C	WindLd	
A -F	0.16	868 T		
F -B	0.28	607 C		
B -J	0.17	922 T		
J -K	0.15	328 C		
K -L	0.26	328 C		
I -L	0.05	108 T		
I -C	0.05	295 T		
E -C	0.04	317 T		
E -M	0.09	270 C		
H -M	0.02	159 T		

TL Defl -0.11" in I -E L/999
LL Defl -0.05" in I -E L/999
Shear // Grain in L -C 0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	0.1	0.61
B	LOCK	5.0x 7.0	Ctr	0.2	0.87
K	LOCK	5.0x 5.0	Ctr	0.5	0.67
L	LOCK	3.0x 4.0	Ctr	Ctr	0.60
C	LOCK	5.0x 7.0	Ctr	0.2	0.87
M	LOCK	3.0x 4.0	Ctr	Ctr	0.72
D	LOCK	4.0x 6.0	0.5	0.4	0.63
G	LOCK	2.0x 4.0	Ctr	Ctr	0.41
F	LOCK	3.0x 4.0	Ctr	Ctr	0.60
J	LOCK	3.0x 7.0	Ctr	Ctr	0.67
I	LOCK	5.0x 7.0	Ctr	0.5	0.67
E	LOCK	3.0x 4.0	Ctr	Ctr	0.60
H	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

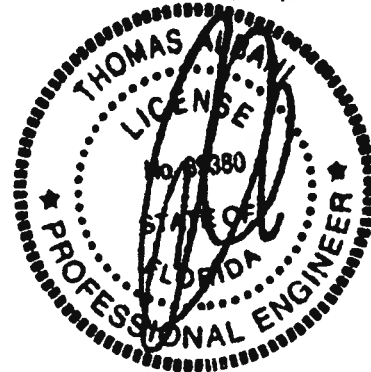
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

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

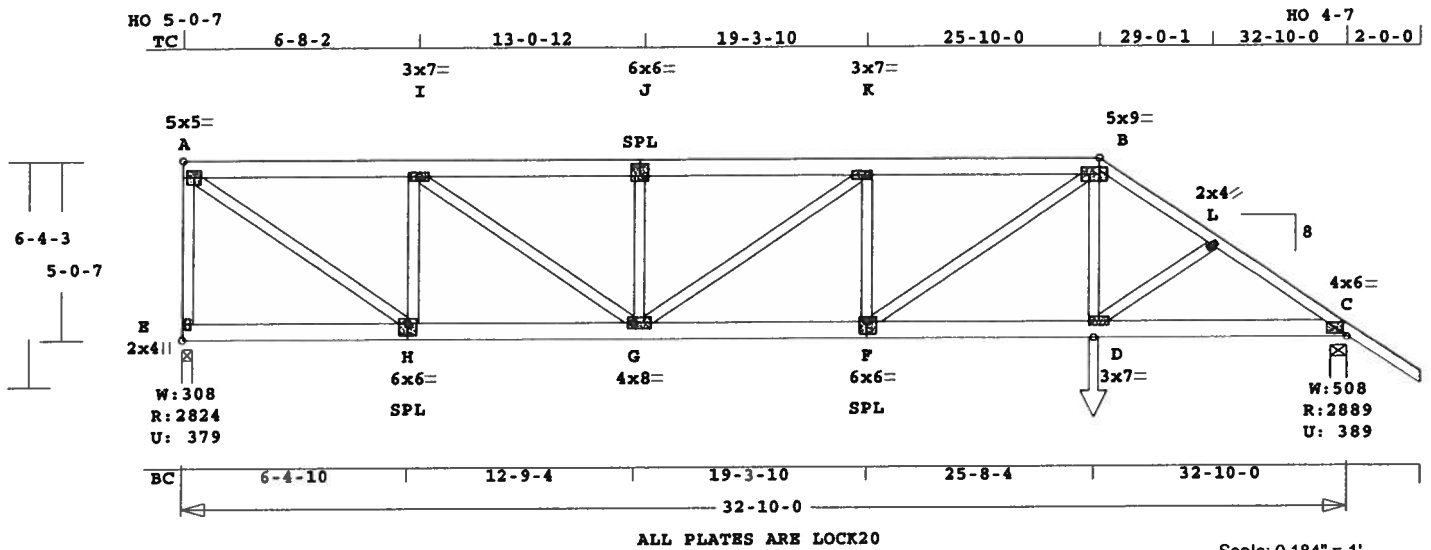
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1670 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A14	1*2P	HHIP	321000	8	0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



ALL PLATES ARE LOCK20

Scale: 0.184" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 288.8 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 09-JUN-06

 * 2-Ply Truss *

CSI	Size	Lumber
TC	0.28	2x 6 SP-#2
EX B -C	2x 4	SP-#2
BC	0.42	2x 6 SP-#2
WB	0.39	2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 32-10- 0
 BC Cont. 0- 0- 0 32-10- 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	Plate Duration Factor	
plf - Live	Dead	From	
TC V	40	20	0.0'
BC V	0	20	0.0'
TC V	50	25	1.0'
TC V	-40	-20	0.0'
BC V	0	25	1.0'
BC V	0	-20	0.0'
BC V	280	280	25.7'

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	2824	380	3- 8	1-11
			Hx	-160
C	2890	389	5- 8	1-11
			Hx	84

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -I	0.26	3478	C	0.01 0.25
I -J	0.27	5175	C	0.02 0.25
J -K	0.28	5175	C	0.02 0.26
K -B	0.28	5379	C	0.02 0.26
B -L	0.30	4413	C	0.04 0.26

L	C	0.14	4526	C	0.04	0.10
-----Bottom Chords-----						
E -H	0.14	126	T	0.00	0.14	
H -G	0.29	3478	T	0.23	0.06	
G -F	0.42	5379	T	0.35	0.07	
F -D	0.32	3702	T	0.24	0.08	
D -C	0.29	3740	T	0.25	0.04	
-----Webs-----						
E -A	0.15	2737	C	WindLd		
A -H	0.39	4279	T			
H -I	0.12	2176	C			
I -G	0.19	2089	T			
G -J	0.04	807	C			
G -K	0.02	251	C			
F -K	0.04	832	C			
F -B	0.18	2036	T			
D -B	0.06	801	T			
D -L	0.00	80	T			

TL Defl -0.21" in G -F L/999
 LL Defl -0.10" in G -F L/999
 Shear // Grain in K -B 0.21

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X Y	JSI
A LOCK	5.0x 5.0	Ctr Ctr	0.71
I LOCK	3.0x 7.0	Ctr Ctr	0.42
J LOCK	6.0x 6.0	Ctr 1.2	0.57
K LOCK	3.0x 7.0	Ctr Ctr	0.42
B LOCK	5.0x 9.0	Ctr Ctr	0.97
L LOCK	2.0x 4.0	Ctr Ctr	0.43
C LOCK	4.0x 6.0	Ctr Ctr	0.65
E LOCK	2.0x 4.0	Ctr Ctr	0.76
H LOCK	6.0x 6.0	Ctr 1.2	0.74
G LOCK	4.0x 8.0	Ctr Ctr	0.43
F LOCK	6.0x 6.0	0.5-1.2	0.60
D LOCK	3.0x 7.0	Ctr Ctr	0.42

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 Half 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
TC 1	12	24	0
BC 2	12	24	0
WB 1	8	8	

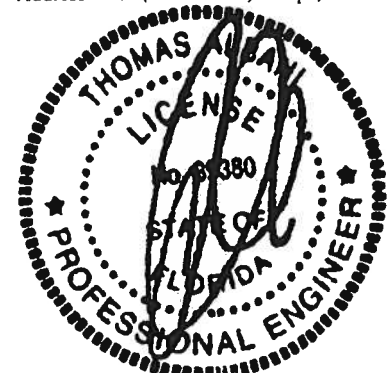
Plus clusters of nails where
 shown.

OH Loading

Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.

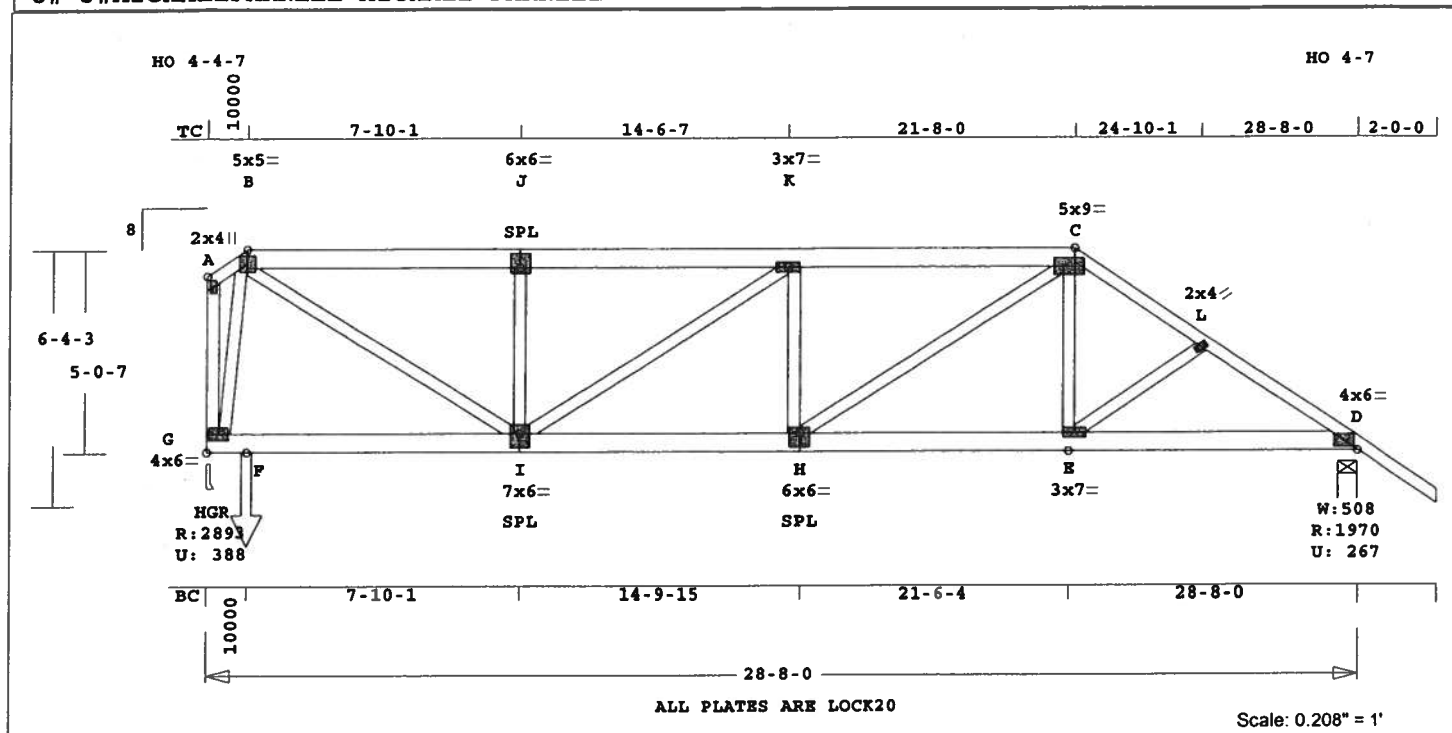
Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 5379 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	A15	1*2P	HIPP	280800	8	0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 253.1 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 09-JUN-06

 * 2-Ply Truss *

CSI -Size- ---Lumber---
 TC 0.29 2x 4 SP-#2
 EX B -J 2x 6 SP-#2
 EX J -C 2x 6 SP-#2
 BC 0.39 2x 6 SP-#2
 WB 0.30 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 28- 8- 0
 BC Cont. 0- 0- 0 28- 8- 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' 28.7'
 BC V 0 20 0.0' 28.7'
 TC V 50 25 1.0' 20.7'
 TC V -40 -20 20.7' 21.7'
 BC V 0 25 1.0' 20.5'
 BC V 0 -20 20.5' 21.5'
 BC V 280 280 1.0' CL-LB

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
G	2894	388	3- 8	1-11
			H _z =	-153
D	1970	267	5- 8	1- 8
			H _z =	88

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.29	231	C	0.00	0.29
B -J	0.22	3141	C	0.00	0.22
J -K	0.29	3141	C	0.00	0.29
K -C	0.30	3735	C	0.01	0.29

C -L	0.16	2797	C	0.01	0.15
L -D	0.07	2936	C	0.01	0.06
-----Bottom Chords-----					
G -I	0.28	343	T	0.02	0.26
I -H	0.39	3735	T	0.24	0.15
H -E	0.23	2347	T	0.15	0.08
E -D	0.20	2430	T	0.16	0.04
-----Webs-----					
G -A	0.02	446	C	WindLd	
G -B	0.10	1864	C		
B -I	0.30	3305	T		
I -J	0.05	904	C		
I -K	0.08	715	C		
H -K	0.03	613	C		
H -C	0.15	1650	T		
E -C	0.02	380	T		
E -L	0.00	94	C		

TL Defl -0.12" in H -E L/999
 LL Defl -0.06" in H -E L/999
 Shear // Grain in G -I 0.25

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 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 0.41
 B LOCK 5.0x 5.0 Ctr Ctr 0.98
 J LOCK 6.0x 6.0 Ctr 1.2 0.54
 K LOCK 3.0x 7.0 Ctr Ctr 0.40
 C LOCK 5.0x 9.0 Ctr Ctr 0.91
 L LOCK 2.0x 4.0 Ctr Ctr 0.40
 D LOCK 4.0x 6.0 Ctr Ctr 0.61
 G LOCK 4.0x 6.0 Ctr Ctr 0.78
 I LOCK 7.0x 6.0 Ctr-0.8 0.97
 H LOCK 6.0x 6.0 Ctr-1.2 0.54
 E LOCK 3.0x 7.0 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.

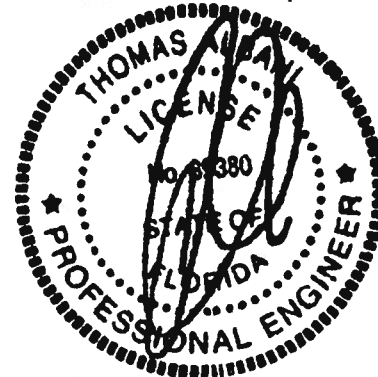
NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 Girder Half Hip

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.)
 ----Spacing (in)----

Rows	Nails	Screws	Bolts
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 a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 3735 Lbs
 Quality Control Factor 1.25

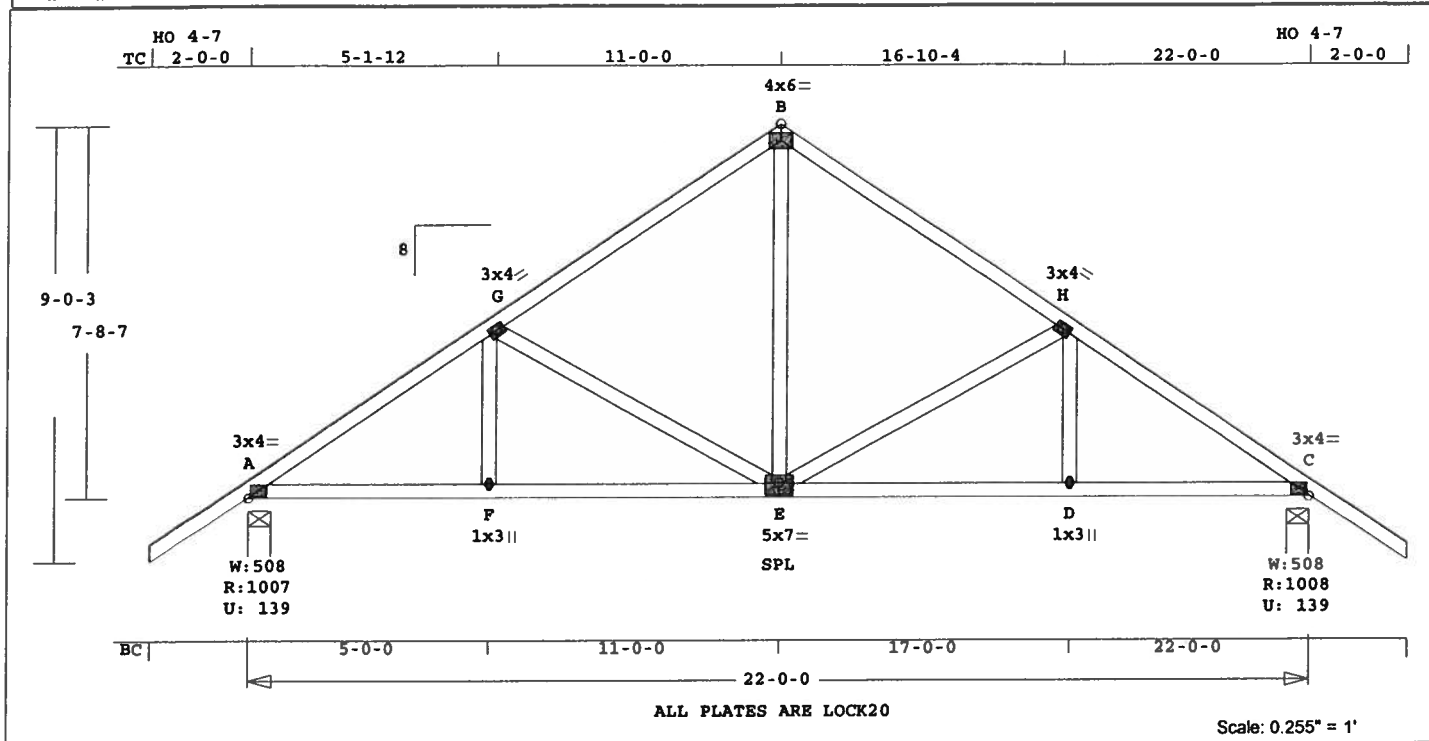
Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 6/11/2006

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	B1	12	TR	220000	8	2- 0- 0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 151.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ----Lumber-----
TC 0.27 2x 4 SP-#2
BC 0.31 2x 4 SP-#2
WB 0.23 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1008	140	5- 8	1- 8
			Hx =	-156
C	1008	140	5- 8	1- 8
			Hx =	157

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -G	0.27	1220 C	0.00	0.27
G -B	0.27	804 C	0.00	0.27
B -H	0.27	804 C	0.00	0.27
H -C	0.27	1220 C	0.00	0.27
-----Bottom Chords-----				
A -F	0.23	1022 T	0.17	0.06
F -E	0.31	1022 T	0.10	0.21
E -D	0.31	1022 T	0.10	0.21

D -C	0.23	1022 T	0.17	0.06
-----Webs-----				
F -G	0.03	211 T		
G -E	0.23	407 C		
E -B	0.09	549 T		
E -H	0.23	407 C		
D -H	0.03	211 T		

TL Defl -0.08" in E -D L/999
LL Defl -0.03" in E -D L/999
Shear // Grain in G -B 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

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	0.76
G LOCK	3.0x 4.0	Ctr	Ctr	0.64
B LOCK	4.0x 6.0	Ctr	Ctr	0.54
H LOCK	3.0x 4.0	Ctr	Ctr	0.64
C LOCK	3.0x 4.0	Ctr	Ctr	0.76
F LOCK	1.0x 3.0	Ctr	Ctr	0.81
E LOCK	5.0x 7.0	Ctr	-0.5	0.59
D LOCK	1.0x 3.0	Ctr	Ctr	0.81

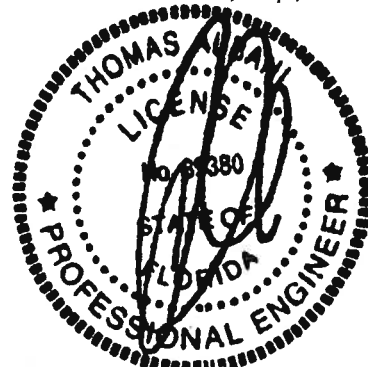
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

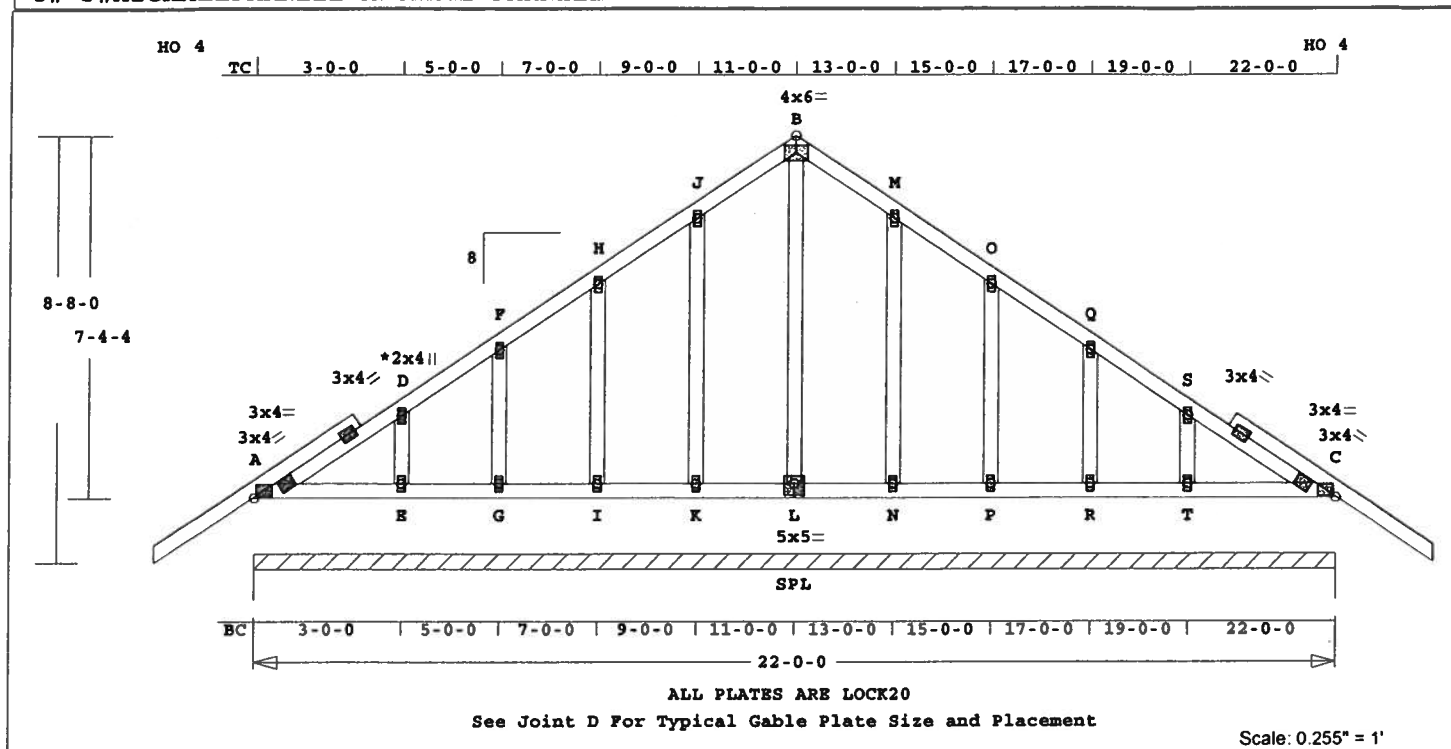
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading

Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1220 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 173.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ---Lumber---
TC 0.05 2x 4 SP-#2
BC 0.05 2x 4 SP-#2
GW 0.05 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 22- 0- 0
BC Cont. 0- 0- 0 22- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
Cont. Brg 0- 0- 0 to 22- 0- 0
1760 234 Hz = 150

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -D	0.05	85 C	0.00	0.05
D -F	0.05	73 C	0.00	0.05
F -H	0.03	65 C	0.00	0.03
H -J	0.03	66 C	0.00	0.03
J -B	0.03	104 T	0.00	0.03
B -M	0.03	104 T	0.00	0.03
M -O	0.03	66 C	0.00	0.03
O -Q	0.03	65 C	0.00	0.03
Q -S	0.05	73 C	0.00	0.05
S -C	0.05	85 C	0.00	0.05
-----Bottom Chords-----				
A -E	0.05	7 T	0.00	0.05
E -G	0.03	0 T	0.00	0.03
G -I	0.02	0 T	0.00	0.02
I -K	0.02	0 T	0.00	0.02
K -L	0.02	0 T	0.00	0.02
L -N	0.02	0 T	0.00	0.02
N -P	0.02	0 T	0.00	0.02

P -R	0.02	0 T	0.00	0.02
R -T	0.03	0 T	0.00	0.03
T -C	0.05	7 T	0.00	0.05

-----Gable Webs-----				
E -D	0.01	160 C		
G -F	0.01	111 C		
I -H	0.03	121 C		
K -J	0.05	122 C		
L -B	0.04	73 C		
N -M	0.05	122 C		
P -O	0.03	121 C		
R -Q	0.01	111 C		
T -S	0.01	160 C		

TL Defl 0.00" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 0.09

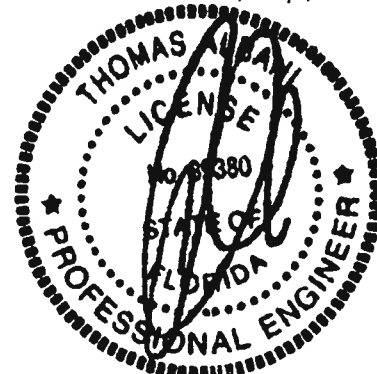
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.76
D LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00
J LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.54
M LOCK 2.0x 4.0 Ctr Ctr 0.00
O LOCK 2.0x 4.0 Ctr Ctr 0.00
Q LOCK 2.0x 4.0 Ctr Ctr 0.00
S LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.76
E LOCK 2.0x 4.0 Ctr Ctr 0.00
G LOCK 2.0x 4.0 Ctr Ctr 0.00
I LOCK 2.0x 4.0 Ctr Ctr 0.00
K LOCK 2.0x 4.0 Ctr Ctr 0.00
L LOCK 5.0x 5.0 Ctr-0.5 0.59
N LOCK 2.0x 4.0 Ctr Ctr 0.00
P LOCK 2.0x 4.0 Ctr Ctr 0.00
R LOCK 2.0x 4.0 Ctr Ctr 0.00
T LOCK 2.0x 4.0 Ctr Ctr 0.00

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

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

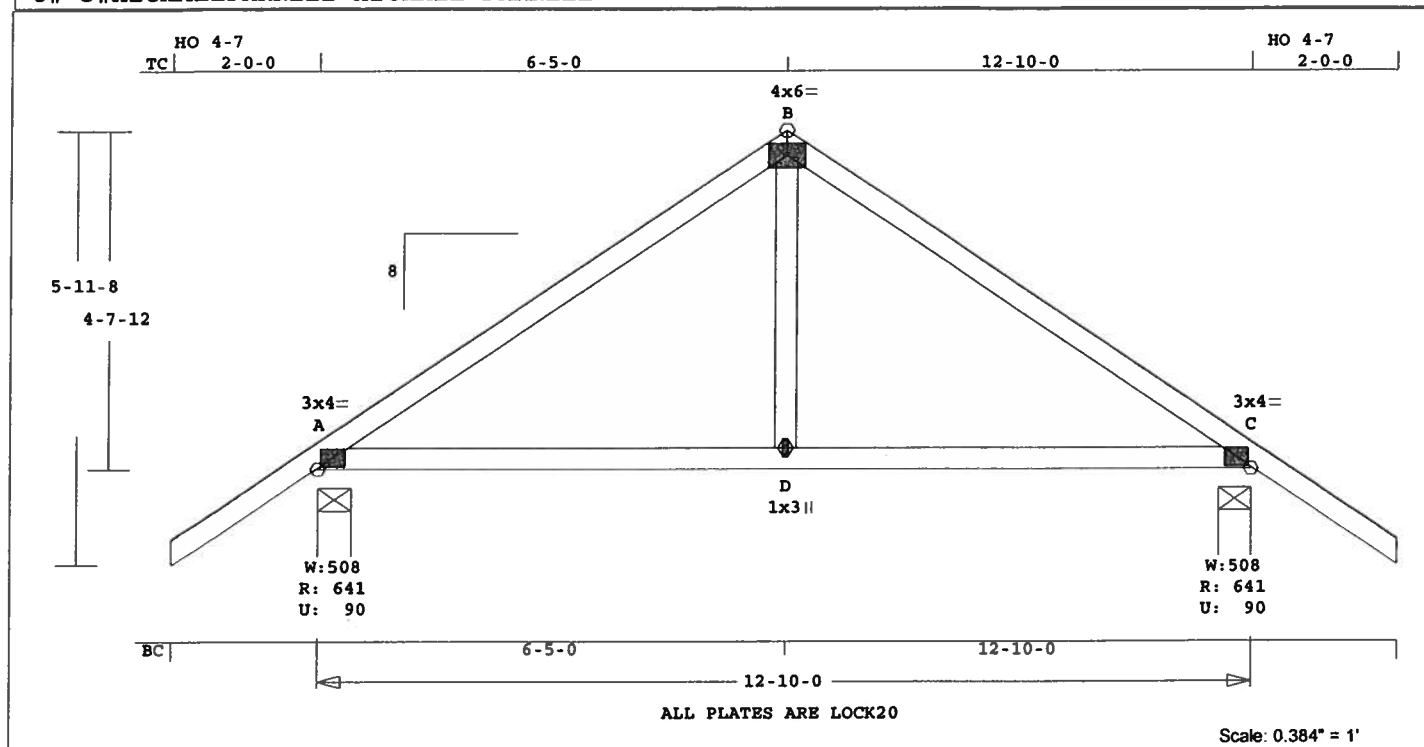
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 160 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
MICHAELPARNELL	C1	1	TR	121000	8	2- 0- 0	2- 0- 0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 70.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI	Size	Lumber
TC	0.28	2x 4 SP-#2
BC	0.31	2x 4 SP-#2
WB	0.04	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	12-10- 0
BC Cont.	0- 0- 0	12-10- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	641	91	5- 8	1- 8
			Hz =	-85
C	641	91	5- 8	1- 8
			Hz =	86

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.28	513 C	0.00	0.28
B -C	0.28	513 C	0.00	0.28

-----Bottom Chords-----
A -D 0.31 431 T 0.07 0.24
D -C 0.31 431 T 0.07 0.24
-----Webs-----
D -B 0.04 290 T

TL Defl -0.06" in A -D L/999
LL Defl -0.02" in A -D L/999
Shear // Grain in A -B 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
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 0.61
B LOCK 4.0x 6.0 Ctr Ctr 0.44
C LOCK 3.0x 4.0 Ctr Ctr 0.61
D LOCK 1.0x 3.0 Ctr Ctr 0.75

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

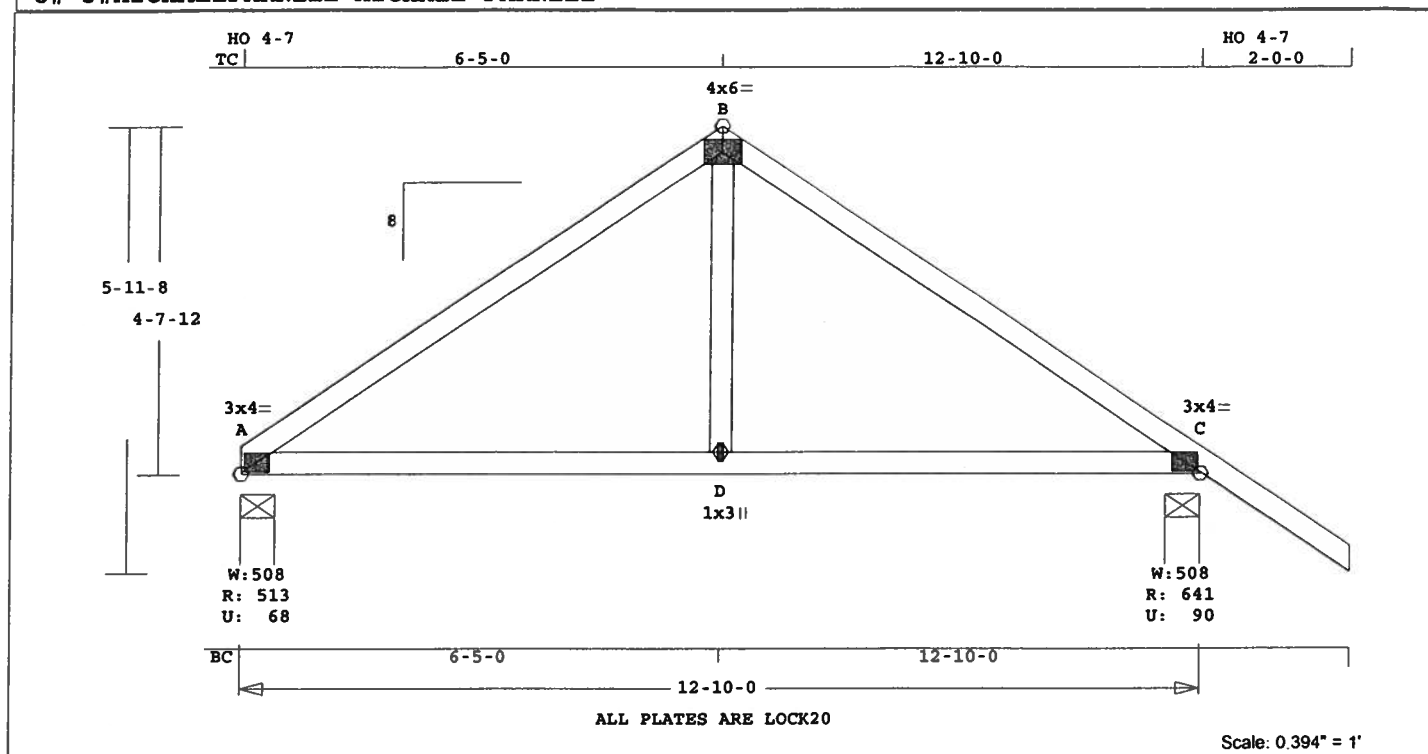
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 513 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job MICHAELPARNELL	Mark C2	Quan 3	Type TR	Span 121000	Pl-H1 8	Left OH 0	Right OH 2- 0- 0	Engineering T06061177
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U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 66.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

-----Bottom Chords-----
A -D 0.31 431 T 0.07 0.24
D -C 0.31 431 T 0.07 0.24

-----Webs-----
D -B 0.04 290 T

CSI -Size- ----Lumber----

TC	0.28	2x 4	SP-#2
BC	0.31	2x 4	SP-#2
WB	0.04	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	12-10- 0
BC Cont.	0- 0- 0	12-10- 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	

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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 0.61
B LOCK 4.0x 6.0 Ctr Ctr 0.44
C LOCK 3.0x 4.0 Ctr Ctr 0.61
D LOCK 1.0x 3.0 Ctr Ctr 0.75

Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 513 Lbs
Quality Control Factor 1.25

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	513	68	5- 8	1- 8
			Hz =	-85
C	641	91	5- 8	1- 8
			Hz =	86

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----
A -B 0.28 513 C 0.00 0.28
B -C 0.28 513 C 0.00 0.28

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

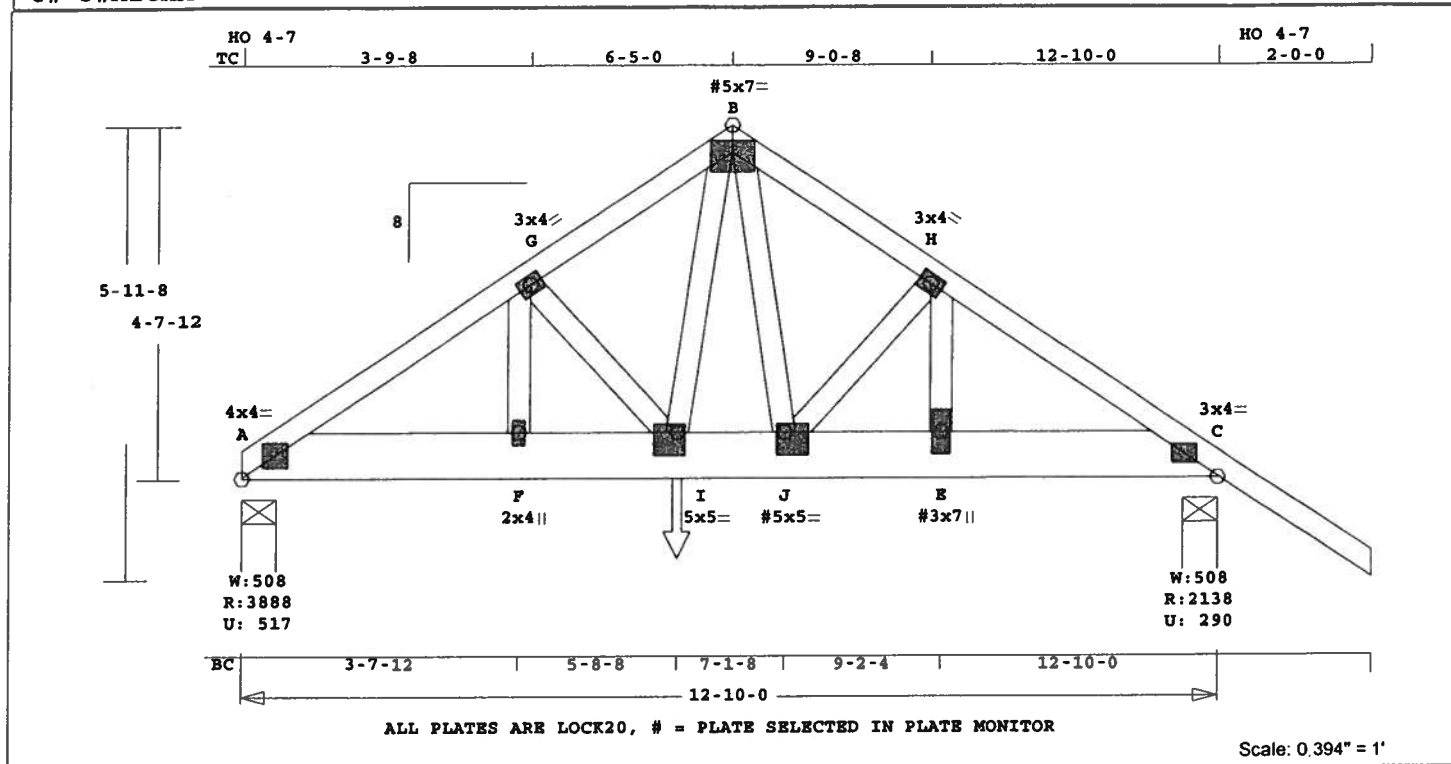
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



U# J#MICHAELPARNELL MICHAEL PARNELL



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 114.5 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 09-JUN-06

 * 2-Ply Truss *

CSI -Size- ---Lumber---
 TC 0.17 2x 4 SP-#2
 BC 0.48 2x 8 SP-#2
 WB 0.29 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0-0-0 12-10-0
 BC Cont. 0-0-0 12-10-0

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 Standard Loading
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 plf - Live Dead From To
 TC V 40 20 0.0' 12.8'
 BC V 0 20 0.0' 12.8'
 BC V 267 267 0.0' 4.7'
 BC V 1181 1181 5.7' CL-LB

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	3888	518	5-8	2-5
			Hx =	-83
C	2138	290	5-8	1-8
			Hx =	84

Membr CSI P Lbs Axl-Csi-Bnd
 -----Top Chords-----
 A -G 0.17 4885 C 0.05 0.12
 G -B 0.13 3729 C 0.02 0.11
 B -H 0.07 3239 C 0.02 0.05
 H -C 0.06 3262 C 0.02 0.04
 -----Bottom Chords-----

A -F	0.48	4077	T	0.23	0.25
F -I	0.34	4077	T	0.23	0.11
I -J	0.24	2590	T	0.14	0.10
J -E	0.21	2717	T	0.15	0.06
E -C	0.21	2717	T	0.15	0.06
-----Webs-----					
F -G	0.14	1588	T		
G -I	0.06	1422	C		
I -B	0.29	3143	T		
B -J	0.05	581	T		
J -H	0.00	56	C		
E -H	0.00	133	C		

TL Defl -0.06" in F -I L/999
 LL Defl -0.03" in F -I L/999
 Shear // Grain in A -F 0.30

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 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 Ctr 0.85
 G LOCK 3.0x 4.0 Ctr Ctr 0.68
 B# LOCK 5.0x 7.0 0.1-0.8 0.55
 H LOCK 3.0x 4.0 Ctr Ctr 0.52
 C LOCK 3.0x 4.0 Ctr Ctr 0.84
 F LOCK 2.0x 4.0 Ctr Ctr 0.85
 I LOCK 5.0x 5.0 0.5-1.1 0.89
 J# LOCK 5.0x 5.0 0.5-1.1 0.34
 E# LOCK 3.0x 7.0 Ctr Ctr 0.25

= Plate Monitor used

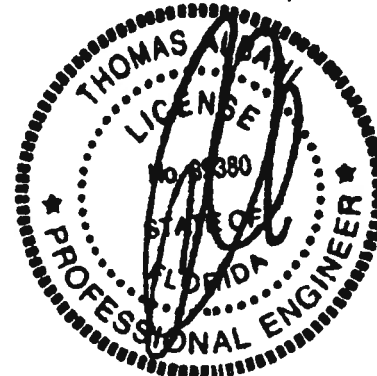
REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-

SDS3 screws -OR- 10d nails
 as each layer is applied.)
 ----Spacing (In)----
 Rows Nails Screws Bolts
 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.
 NOTE: USER MODIFIED PLATES
 This design may have plates
 selected through a plate
 monitor.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 4885 Lbs
 Quality Control Factor 1.25

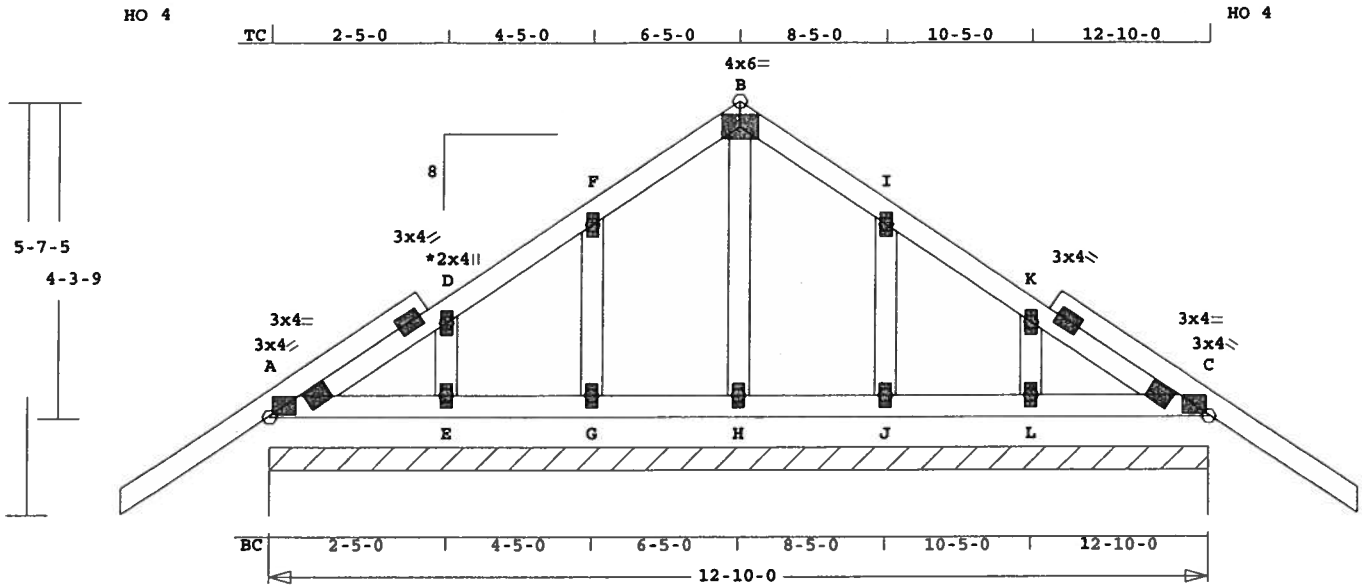
Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 6/11/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	C4	1	SP	121000	8	0	0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.386" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 90.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

CSI -Size- ---Lumber---
TC 0.03 2x 4 SP-#2
BC 0.02 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 12-10- 0
BC Cont. 0- 0- 0 12-10- 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 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
Cont. Brg 0- 0- 0 to 12-10- 0
1027 137 Hz = 78

Membr CSI P Lbs Axl-CSI-Bnd
---Top Chords---
A -D 0.03 48 C 0.00 0.03
D -F 0.03 62 C 0.00 0.03
F -B 0.03 66 C 0.00 0.03
B -I 0.03 66 C 0.00 0.03
I -K 0.03 62 C 0.00 0.03
K -C 0.03 48 C 0.00 0.03
---Bottom Chords---
A -E 0.02 5 T 0.00 0.02
E -G 0.02 0 T 0.00 0.02
G -H 0.02 0 T 0.00 0.02
H -J 0.02 0 T 0.00 0.02

J -L 0.02 0 T 0.00 0.02
L -C 0.02 5 T 0.00 0.02
-----Gable Webs-----
E -D 0.01 138 C
G -F 0.01 122 C
H -B 0.00 44 C
J -I 0.01 122 C
L -K 0.01 138 C

TL Defl 0.00" in L -C L/999
LL Defl 0.00" in L -C L/999
Shear // Grain in A -D 0.07

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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 0.61
D LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.44
I LOCK 2.0x 4.0 Ctr Ctr 0.00
K LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.61
E LOCK 2.0x 4.0 Ctr Ctr 0.00
G LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00
J LOCK 2.0x 4.0 Ctr Ctr 0.00
L LOCK 2.0x 4.0 Ctr Ctr 0.00

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

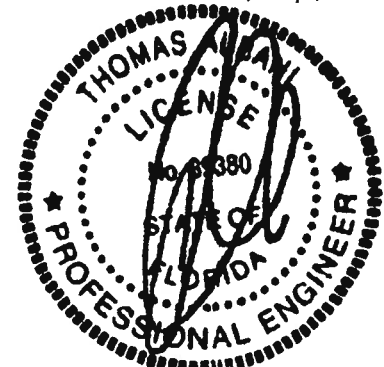
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:

Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

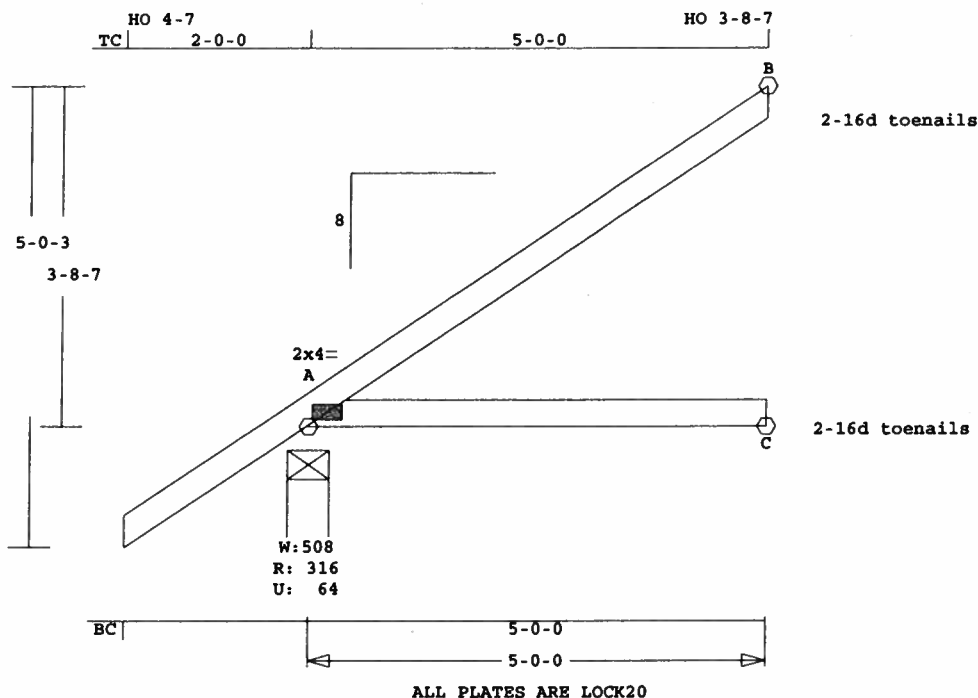
WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 138 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	J2	4	JCA2	50000	8	2- 0- 0	0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Scale: 0.484" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 25.7 LBS

A -C 0.18 0 T 0.00 0.18

concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

TL Defl -0.05" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.15

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 50 Lbs

Quality Control Factor 1.25

CSI -Size- ----Lumber----

TC 0.25 2x 4 SP-#2

BC 0.18 2x 4 SP-#2

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

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 0.60

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

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

Plus 5 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 317 64 5- 8 1- 8

Hx = 100

C 91 0 1- 8 1- 8

B 129 69 1- 8 1- 8

Hx = 68

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-

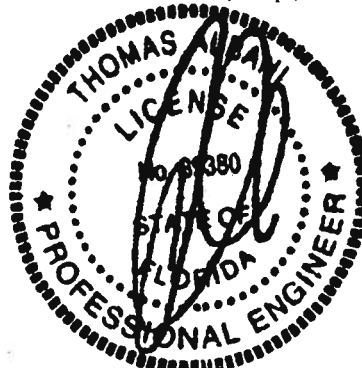
Membr CSI P Lbs Axl-CSt-Bnd

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

A -B 0.25 50 C 0.00 0.25

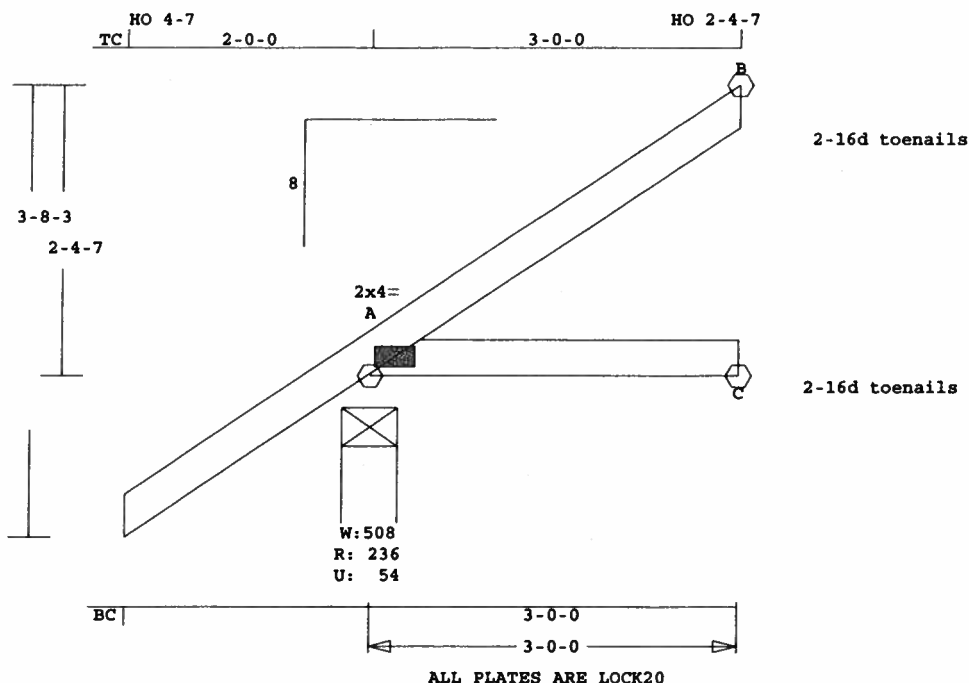
-----Bottom Chords-----

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
MICHAELPARNELL	J3	4	JCA2	30000	8	2- 0- 0	0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Scale: 0.646" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 17.4 LBS

A -C 0.06 0 T 0.00 0.06

concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 09-JUN-06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.08

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 29 Lbs

Quality Control Factor 1.25

CSI -Size- ----Lumber----

TC 0.08 2x 4 SP-#2

BC 0.06 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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

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 0.59

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

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-

Plus 5 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 237 54 5- 8 1- 8

Hx = 59

C 53 0 1- 8 1- 8

B 75 41 1- 8 1- 8

Hx = 40

Membr CSI P Lbs Axl-CSI-Bnd

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

A -B 0.08 29 C 0.00 0.08

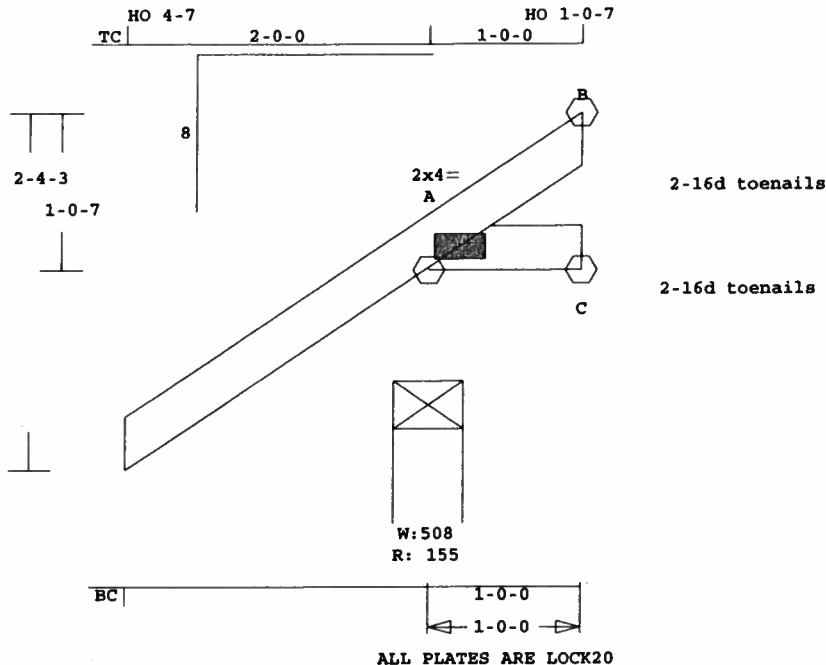
-----Bottom Chords-----

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
MICHAELPARNELL	J4	4	JCA2	10000	8	2- 0- 0	0	T06061177

U# J#MICHAELPARNELL MICHAEL PARNELL



Scale: 0.799" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 9.1 LBS
A -C 0.00 13 T

Online Plus -- Version 19.0.032 TL Defl 0.00" in A -C L/999
RUN DATE: 09-JUN-06 LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.02

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
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 0.59

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

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

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	155	0	3- 8	1- 8
			Hz =	19
B	27	16	1- 8	1- 8
C	14	0	1- 8	1- 8
			Hz =	13

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -B 0.00 11 C
-----Bottom Chords-----

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 a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 11 Lbs
Quality Control Factor 1.25

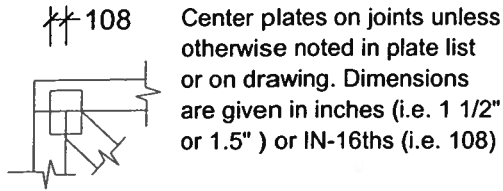
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 6/11/2006

ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



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.

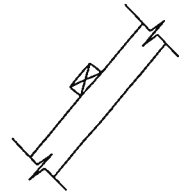
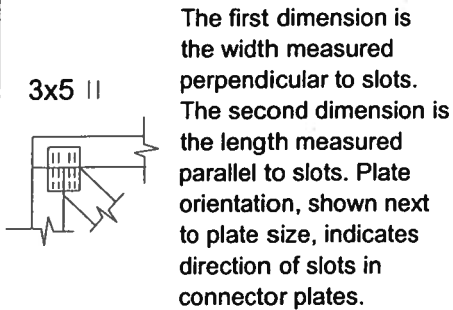
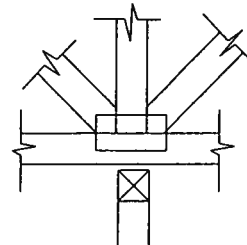
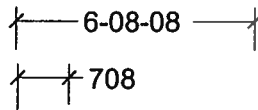


PLATE SIZE AND ORIENTATION



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).



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.



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