DATE 02/21/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026791

APPLICANT WILLIAM SCOTT PHONE 867-0156

ADDRESS 780 SW RIDGE ST LAKE CITY FL 32024

OWNER GARY & RITA MONK PHONE 850 826-1140

ADDRESS 456 SE FOREST TERR LAKE CITY FL 32025

CONTRACTOR WILLIAM SCOTT PHONE 365-1222

LOCATION OF PROPERTY 41S, TL ON 252B, TL ON FOREST TERR., 2ND LOT ON LEFT, CORNER OF FOREST & WHISTLE LOOP

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 89700.00

HEATED FLOOR AREA 1374.00 TOTAL AREA 1794.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 15

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 16-4S-17-08382-355 SUBDIVISION CENTURY OAKS

LOT 5 BLOCK A PHASE ____ UNIT ____ TOTAL ACRES 0.25

000001565 ____ CBC1250835 William Scott

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

CULVERT 08-165 BK JH Y

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

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE, IMPACT FEE CHARGED-SFD

Check # or Cash 3523

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 450.00 CERTIFICATION FEE $ 8.97 SURCHARGE FEE $ 8.97

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 $ 25.00 **TOTAL FEE** 567.94

INSPECTORS OFFICE Glen Tedder CLERKS OFFICE MSG

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Columbia County Building Permit Application

For Office Use Only Application # 0802-15 Date Received 2/13/08 By G Permit # 1565/26791

Zoning Official BLK Date 20.02.08 Flood Zone X FEMA Map # N/A Zoning RSF-2

Land Use R.L.D. Elevation N/A MFE 1ft above Rd River N/A Plans Examiner OK JTH Date 2-19-08

Comments Impact Fee Charged Single Family Residence

✓ NOC ✓ EH ☐ Deed or PA ✓ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. Fax (386) 961-8820

Name Authorized Person Signing Permit William "Buddy" Scott Phone (386) 867-0156

Address 780 SW Ridge St. Lake City, FL. 32024

Owners Name GARY & RITA MONK Phone (850) 826-1140

911 Address 456 SE FOREST TER LAKE CITY, FL. 32025

Contractors Name William "Buddy" Scott Construction Phone (386) 365-1222 (cell)

Address 780 SW Ridge St. LAKE City, FL. 32024

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Ben SPARKS / DAVID DISOSWAY P.O. BOX 868

Mortgage Lenders Name & Address FIRST FEDERAL Lake City, FL LAKE CITY, FL 32056

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

Property ID Number 16-4S-17-08382-355 Estimated Cost of Construction $89,000.00

Subdivision Name Century OAKS Lot 5 Block A Unit Phase

Driving Directions Go 41 South 3 miles to CRd 252-B, Turn left & go 2 miles to Forest TERRACE, turn left on forest, go 1 Block 2nd House on left (Forest & Whistle Loop) Number of Existing Dwellings on Property 0

Construction of New 3BDR/2 Bath Total Acreage 1/4 Lot Size

Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Drive Total Building Height 15'6

Actual Distance of Structure from Property Lines - Front 25' Side 35' Side 46' Rear 28'

Number of Stories 1 Heated Floor Area 1374 Total Floor Area 1794 Roof Pitch 5/12

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

Spoke to Buddy 2/20/08

Columbia County Property Appraiser

DB Last Updated: 1/15/2008

2008 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 16-4S-17-08382-355

Owner & Property Info

Search Result: 1 of 1

Owner's Name	MONK GARY W & RITA S		
Site Address	FOREST		
Mailing Address	277 LIMESTONE CIRCLE CRESTVIEW, FL 32539		
Use Desc. (code)	VACANT (000000)		
Neighborhood	16417.09	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.000 ACRES		
Description	LOT 5 BLOCK A CENTURY OAK S/D. ORB 430-633, 480-154, 430-634, TO TRUST 902-2263, WD 1055-1982.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$19,500.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$19,500.00

Just Value	$19,500.00
Class Value	$0.00
Assessed Value	$19,500.00
Exempt Value	$0.00
Total Taxable Value	$19,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
8/18/2005	1055/1982	WD	V	Q		$25,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

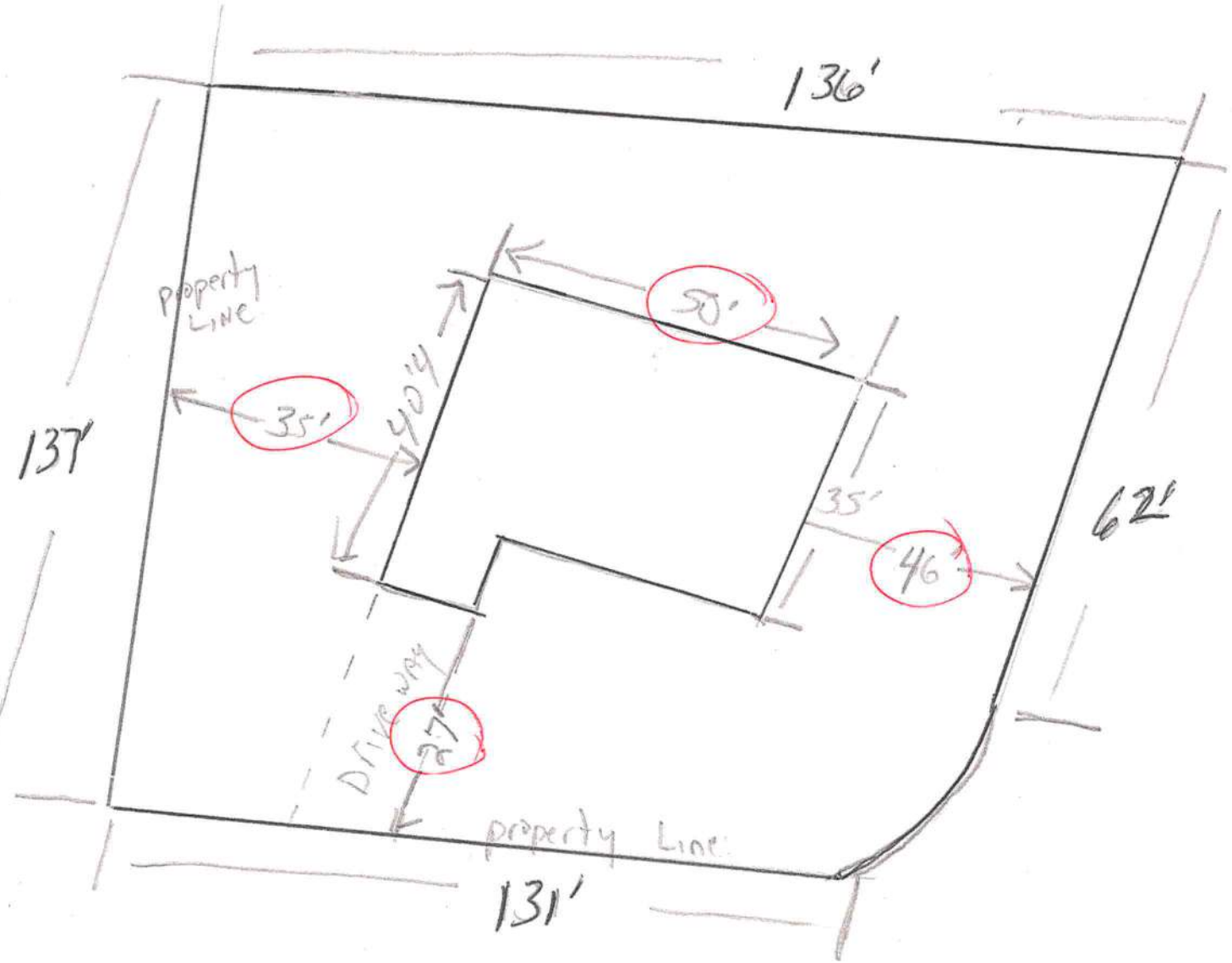
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	$19,500.00	$19,500.00

Columbia County Property Appraiser DB Last Updated: 1/15/2008

1 of 1

Lot 3 Century Oaks Block A



Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

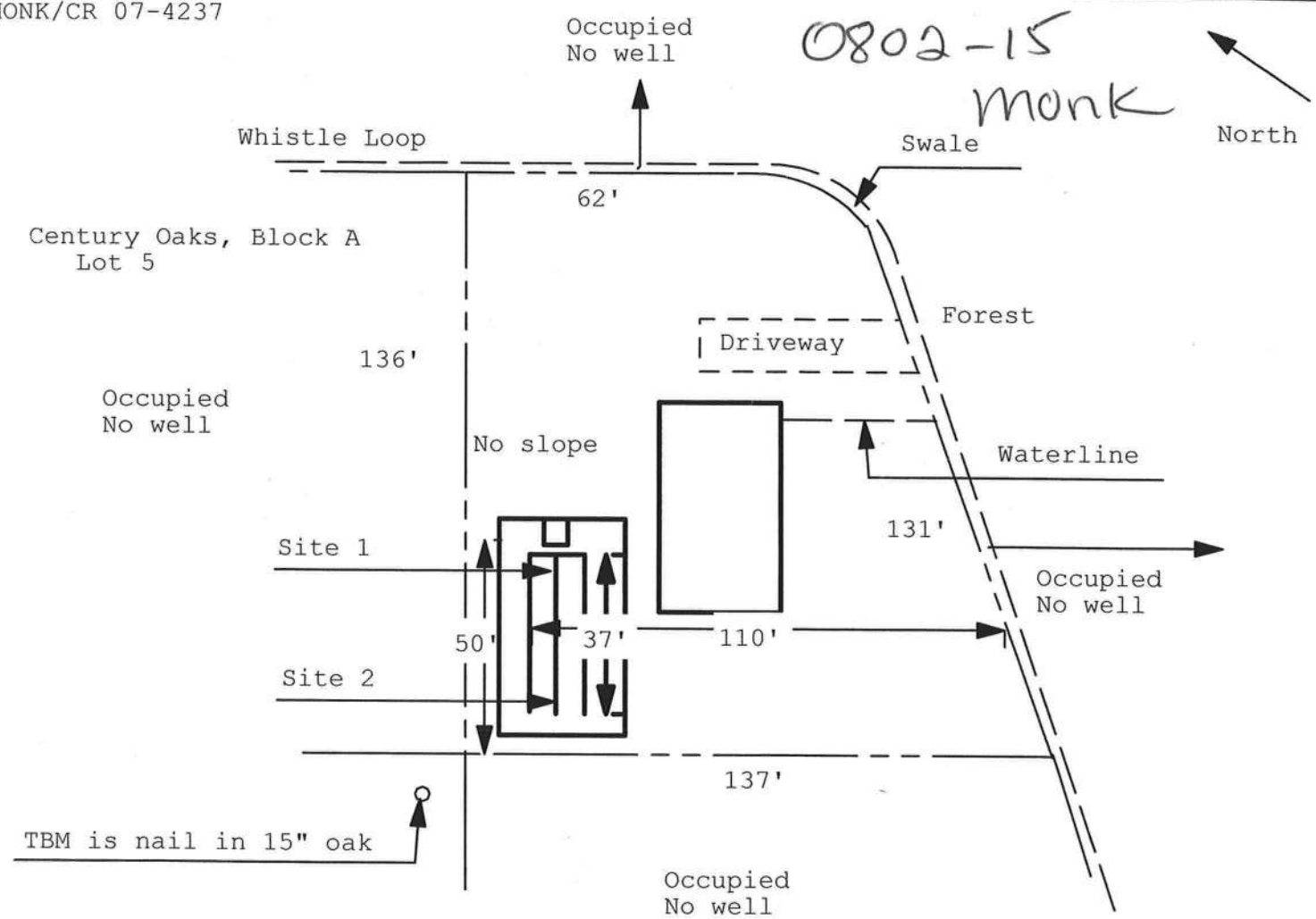
Permit Application Number: 08-0165

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

MONK/CR 07-4237

0802-15

monk



1 inch = 40 feet

Site Plan Submitted By Paul Lloyd **Date** 1/10/08

Plan Approved ✓ **Not Approved** ____ **Date** 2-12-08

By MR & Land Columbia **CPHU**

Notes: _____

12-00

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713, Fla. Stat., the following information is provided in this NOTICE OF COMMENCEMENT:

DESCRIPTION OF PROPERTY: **Lot 5, Block A, Century Oaks S/D, a subdivision according to the plat thereof recorded in Plat Book 4, pages 68-68A, public records of COLUMBIA County, Florida.**

GENERAL DESCRIPTION OF IMPROVEMENTS: **Construction of Dwelling**

OWNER AND ADDRESS: Gary W. Monk and Rita S. Monk
277 Limestone Circle
Crestview, Florida 32539

OWNER'S INTEREST IN PROPERTY: **Fee Simple**

Inst:200812001980 Date:1/31/2008 Time:12:41 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1

FEE SIMPLE TITLE HOLDER: Owner

CONTRACTOR AND ADDRESS:
K & H Framing/Vinyl Siding, Inc.
1534 SW Dekle Road
Lake City, Florida 32024

SURETY AND ADDRESS (if any):

NONE (no bond)

LENDER: First Federal Savings Bank of Florida
4705 West U.S. Highway 90
Post Office Box 2029
Lake City, Florida 32056

Name and address of person within the State of Florida designated by owners upon whom notices or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: THE OWNER.

In addition to himself, Owner designates **PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90/P.O Box 2029, Lake City,Florida 32056** to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes.

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teague Deputy Clerk
Date 01-31-2008

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

GARY W. MONK

RITA S. MONK

This Instrument Was Prepared By:
Eddie M. Anderson, P.A.
Post Office Box 1170
Lake City, Florida 32056

STATE OF FLORIDA
COUNTY OF Okaloosa

The foregoing instrument was acknowledged before me this 30ST day of January, 2008 by Gary W. Monk and Rita S. Monk, his wife. They are personally known to me or they produced FLDL as identification.

(NOTARY SEAL) LEEANN HAVERSTOCK
Notary Public, State of Florida
My comm. expires Nov. 8, 2009
No. DD469135

Notary Public

JAN 3 2008 12:39PM

NO. 4937 P. 1

Inst:2005020243 Date:08/19/2005 Time:12:39
Doc Stamp-Deed : 175.00
_______DC,P.DeWitt Cason,Columbia County B:1055 P:1982

WARRANTY DEED

THIS INDENTURE, Made this 18th day of August, 2005, between FRANCES J. RUSSELL, as Trustee of the Frances J. Russell Living Trust, whose address is 492 SE Forest Terrace, Lake City, Florida 32025, Grantor, and GARY W. MONK and his wife RITA S. MONK, whose address is 3001 SW State Road 47, Lake City, FL 32025, Grantees,

W I T N E S S E T H:

That said Grantor, for and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS, and other good and valuable considerations to said Grantor in hand paid by said Grantees, the receipt whereof is hereby acknowledged, have granted, bargained and sold to the said Grantees, and Grantees' heirs, successors and assigns forever, the following described land, situate, lying and being in COLUMBIA County, Florida, to-wit:

Lot 5 in Block A, of CENTURY OAKS SUBDIVISION, a subdivision according to the plat thereof recorded in Plat Book 4, pages 68-68A, public records of Columbia County, Florida.
(Tax parcel number R06382-354 - cutout)

SUBJECT TO: Taxes for 2005 and subsequent years; restrictions and easements of record; and easements shown by the plat of said property.

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

IN WITNESS WHEREOF, Grantor has hereunto set her hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

[signature]
Print Name: [signature]

[signature]
Print Name: Donna H. Anderson
Witnesses as to Grantor

[signature]
FRANCES J. RUSSELL, Trustee of the Frances J. Russell Living Trust

This Instrument Prepared By:
EDDIE M. ANDERSON, P.A.
P. O. Box 1179
Lake City, Florida 32056-1179

FROM A LEGAL DESCRIPTION PROVIDED BY THE GRANTOR AND WITHOUT A TITLE SEARCH

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 18th day of August, 2005, by FRANCES J. RUSSELL, as Trustee. She is personally known to me or she produced _______________ as identification.

[signature]
Notary Public
My Commission Expires:

(Notarial Seal)

Donna H Anderson
My Commission DD1[illegible]
Expires June 13, 2007

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 1/7/2008 **DATE ISSUED:** 1/10/2008

ENHANCED 9-1-1 ADDRESS:

456 SE FOREST TER

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

16-4S-17-08382-355

Remarks:

LOT 5 BLOCK A CENTURY OAK S/D

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address 1093

JAN 10 2008

911Addressing/GIS Dept

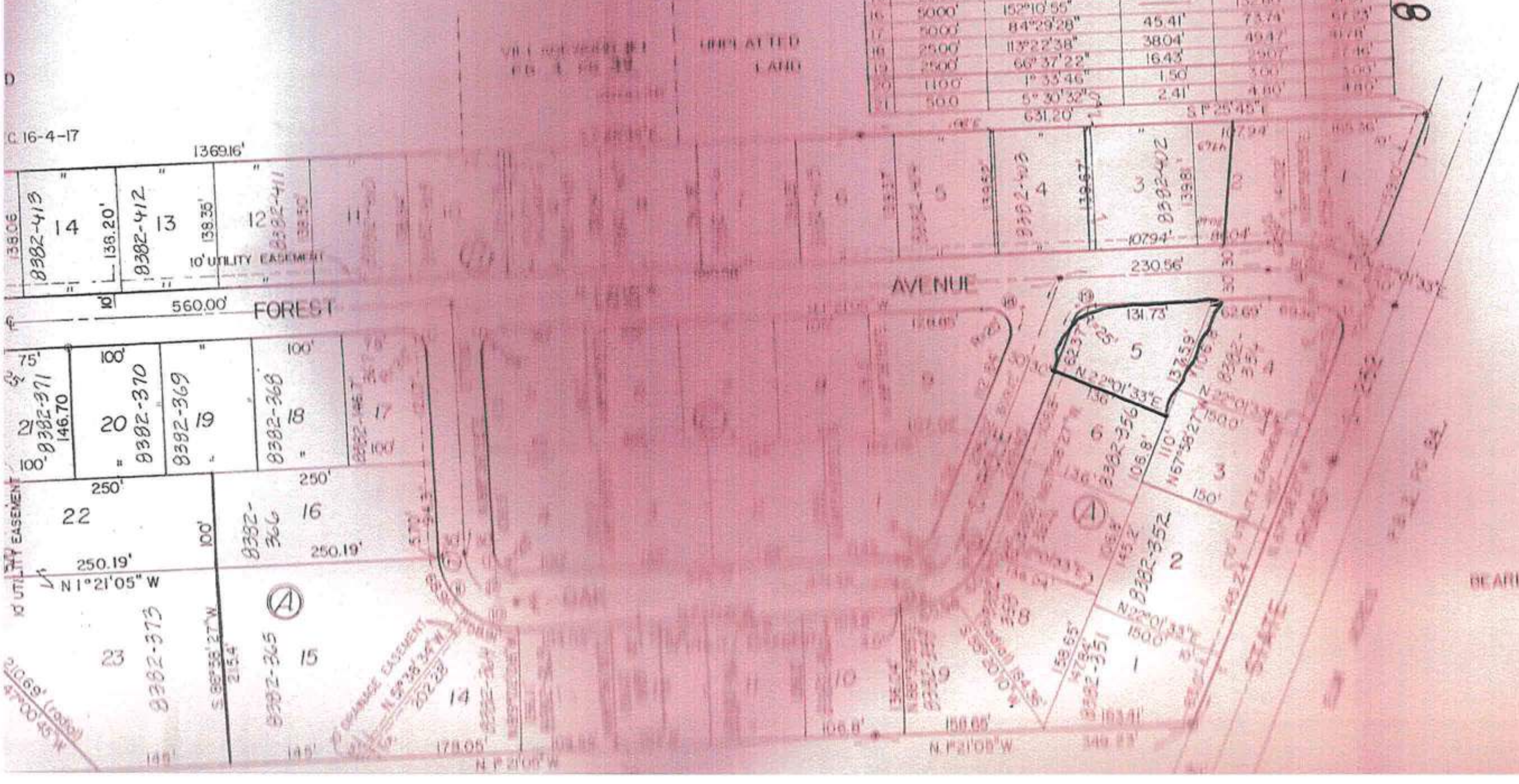
PLAT BOOK 4 PAGE 68A

CENTURY OAK

A SUBDIVISION IN THE SE 1/4 OF SECTION 16, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA

CURVE DATA

#	RADIUS	CENTRAL ANGLE	TANGENT	ARC	CHORD
1	25.00'	90°00'00"	25.00'	39.27'	[illegible]
2	230.00'	17°54'48"	36.25'	71.91'	71.62'
3	230.00'	5°27'50"	10.97'	21.93'	21.93'
4	200.00'	23°22'38"	41.38'	81.60'	81.04'
5	170.00'	23°22'38"	35.17'	69.36'	68.88'
6	110.00'	31°44'55"	31.28'	60.95'	60.18'
7	85.00'	3°50'42"	2.85'	5.70'	5.70'
8	80.00'	66°37'22"	52.57'	93.02'	87.87'
9	50.00'	66°37'22"	32.86'	58.14'	54.92'
10	85.00'	39°42'31"	30.69'	58.91'	57.74'
11	85.00'	46°26'47"	36.47'	68.91'	67.03'
12	55.00'	90°00'00"	55.00'	86.39'	77.78'
13	85.00'	41°31'08"	34.79'	66.05'	64.40'
14	85.00'	41°38'10"	75.56'	61.77'	60.42'
15	25.00'	62°10'55"	15.08'	27.13'	25.82'
16	50.00'	152°10'55"	—	132.80'	97.07'
17	50.00'	84°29'28"	45.41'	73.74'	67.23'
18	25.00'	113°22'38"	38.04'	49.47'	41.78'
19	25.00'	66°37'22"	16.43'	29.07'	27.46'
20	110.0'	1°33'46"	1.50'	3.00'	3.00'
21	50.0'	5°30'32"	2.41'	4.80'	4.80'



LEGEND:
⊕ - PERMANENT REFERENCE MONU
• - PERMANENT CONTROL POINT

BEARINGS ARE BASED ON STATE ROA

plat prepared by:

0802-05

FORM 600A-2004 EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**801041K&HFramingVinylSidingInc**	Builder:	William Scott.
Address:	**Lot: 5, Sub: Century Oaks, Plat:**	Permitting Office:	Columbia
City, State:	**, FL**	Permit Number:	26791
Owner:	**Monk, Gary Residence**	Jurisdiction Number:	221000
Climate Zone:	**North**		

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)	1374 ft²		
7. Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	7a.	Description Area (Dble Default) 110.0 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b.	(Clear) 110.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 171.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 978.0 ft²	
b. Frame, Wood, Adjacent		R=13.0, 220.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1410.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 140.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 28.0 kBtu/hr SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 28.0 kBtu/hr HSPF: 7.90	
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: 0.08

Total as-built points: 18003
Total base points: 22446

PASS

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

PREPARED BY: _____

DATE: 1-10-07

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

OWNER/AGENT: K & H Framing

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: **Lot: 5, Sub: Century Oaks, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	**1374.0**	**20.04**	**4956.3**	Double, Clear	N	1.5	5.5	45.0	19.20	0.93	802.0	
				Double, Clear	N	1.5	5.5	20.0	19.20	0.93	356.4	
				Double, Clear	S	1.5	5.5	45.0	35.87	0.83	1343.1	
				As-Built Total:				**110.0**			**2501.6**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	220.0	0.70	154.0	Frame, Wood, Exterior			13.0	978.0	1.50		1467.0	
Exterior	978.0	1.70	1662.6	Frame, Wood, Adjacent			13.0	220.0	0.60		132.0	
Base Total:	**1198.0**		**1816.6**	**As-Built Total:**				**1198.0**			**1599.0**	
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	1374.0	1.73	2377.0	Under Attic			30.0	1410.0	1.73 X 1.00		2439.3	
Base Total:	**1374.0**		**2377.0**	**As-Built Total:**				**1410.0**			**2439.3**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	171.0(p)	-37.0	-6327.0	Slab-On-Grade Edge Insulation			0.0	171.0(p	-41.20		-7045.2	
Raised	0.0	0.00	0.0									
Base Total:			**-6327.0**	**As-Built Total:**				**171.0**			**-7045.2**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1374.0	10.21	14028.5					1374.0	10.21		14028.5	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 5, Sub: Century Oaks, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT						
Summer Base Points: 17047.5			**Summer As-Built Points:**						**13719.2**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
			(sys 1: Central Unit 28000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
			13719	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	4097.8	
17047.5	**0.4266**	**7272.4**	**13719.2**	**1.00**	**1.138**	**0.263**	**1.000**	**4097.8**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 5, Sub: Century Oaks, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1374.0	12.74	3150.9	Double, Clear	N	1.5	5.5	45.0	24.58	1.00	1109.3	
				Double, Clear	N	1.5	5.5	20.0	24.58	1.00	493.0	
				Double, Clear	S	1.5	5.5	45.0	13.30	1.15	686.4	
				As-Built Total:				**110.0**			**2288.7**	
WALL TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points	
Adjacent	220.0	3.60	792.0	Frame, Wood, Exterior			13.0	978.0	3.40		3325.2	
Exterior	978.0	3.70	3618.6	Frame, Wood, Adjacent			13.0	220.0	3.30		726.0	
Base Total:	**1198.0**		**4410.6**	**As-Built Total:**				**1198.0**			**4051.2**	
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	1374.0	2.05	2816.7	Under Attic			30.0	1410.0	2.05 X	1.00	2890.5	
Base Total:	**1374.0**		**2816.7**	**As-Built Total:**				**1410.0**			**2890.5**	
FLOOR TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points	
Slab	171.0(p)	8.9	1521.9	Slab-On-Grade Edge Insulation			0.0	171.0(p	18.80		3214.8	
Raised	0.0	0.00	0.0									
Base Total:			**1521.9**	**As-Built Total:**				**171.0**			**3214.8**	
INFILTRATION	Area X	BWPM	= Points					Area X	WPM	=	Points	
	1374.0	-0.59	-810.7					1374.0	-0.59		-810.7	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 5, Sub: Century Oaks, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**11585.4**	**Winter As-Built Points:**					**12130.5**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 28000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			12130.5	1.000	(1.069 x 1.169 x 0.93)	0.432	1.000	6085.3
11585.4	**0.6274**	**7268.7**	**12130.5**	**1.00**	**1.162**	**0.432**	**1.000**	**6085.3**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 5, Sub: Century Oaks, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	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
7272	**7269**	**7905**	**22446**	**4098**	**6085**	**7820**	**18003**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 5, Sub: Century Oaks, Plat: , , FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.1

The higher the score, the more efficient the home.

Monk, Gary Residence, Lot: 5, Sub: Century Oaks, Plat: , , FL,

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)	1374 ft²	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT) 7a.	Description Area (Dble Default) 110.0 ft²	
	b. SHGC: (or Clear or Tint DEFAULT) 7b.	(Clear) 110.0 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 171.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 978.0 ft²	
	b. Frame, Wood, Adjacent	R=13.0, 220.0 ft²	
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 1410.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 140.0 ft	
	b. N/A		

12.	Cooling systems		
	a. Central Unit	Cap: 28.0 kBtu/hr	
		SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 28.0 kBtu/hr	
		HSPF: 7.90	
	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)		

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 EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

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

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001565

DATE 02/21/2008 PARCEL ID # 16-4S-17-08382-355

APPLICANT WILLIAM SCOTT PHONE 867-0156

ADDRESS 780 SW RIDGE ST LAKE CITY FL 32024

OWNER GARY & RITA MONK PHONE 850 826-1140

ADDRESS 456 SE FOREST TERR LAKE CITY FL 32025

CONTRACTOR WILLIAM SCOTT PHONE 365-1222

LOCATION OF PROPERTY 41S, TL ON 252B, TL ON FOREST TERR., 2ND LOT ON LEFT, CORNER OF FOREST & WHISTLE LOOP

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CENTURY OAKS 5 A

SIGNATURE Wilfe Scott

INSTALLATION REQUIREMENTS

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

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

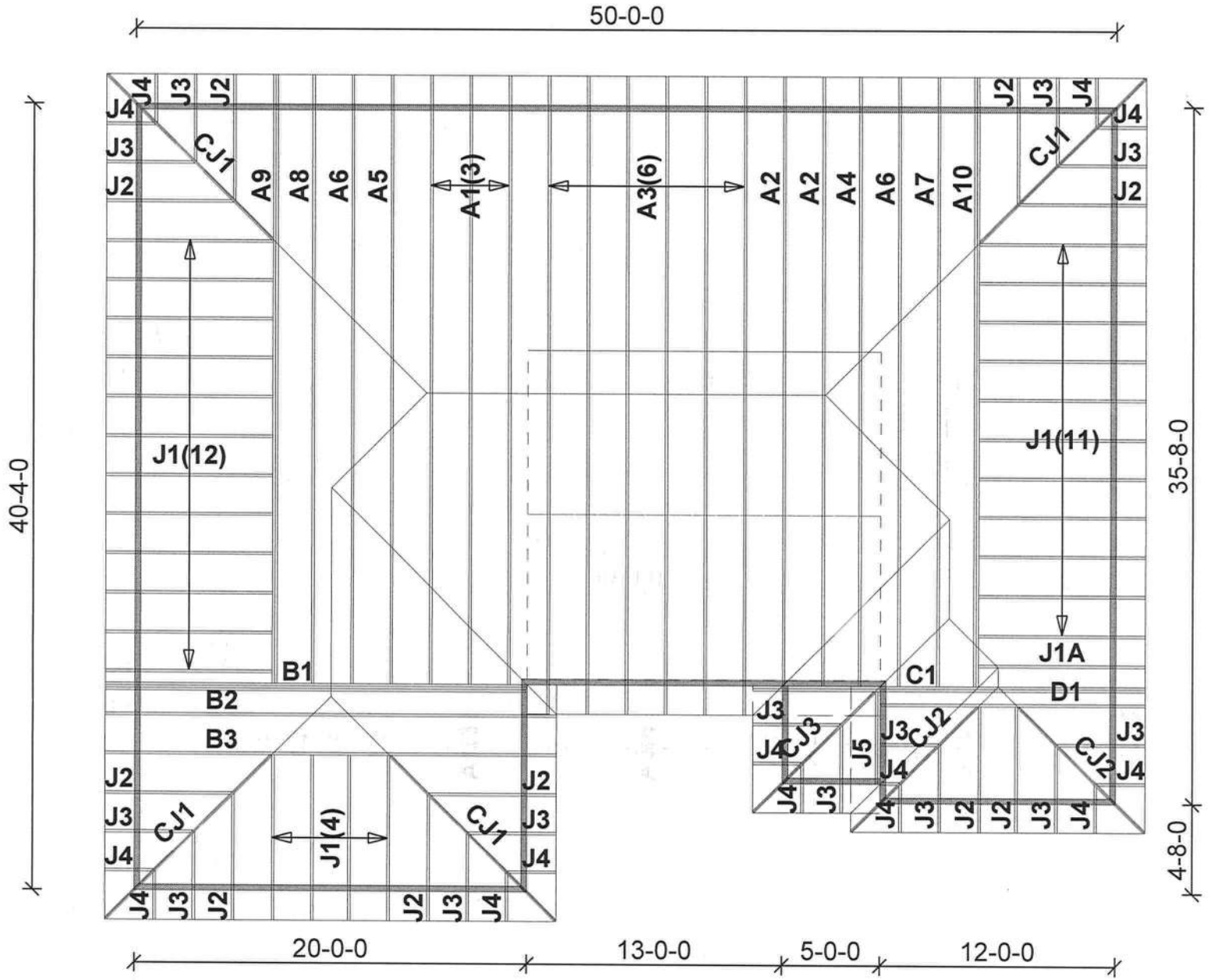
[ ] Other _____

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA



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

K & H FRAMING

MONK RESIDENCE (80104)

110 MPH ASCE WIND LOAD

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

Account: CONTRACTORS
Job: kh-80104
Designer: M.MURRAY
Checker: M.MURRAY
Date: 01-14-08

RE: kh-80104 -

Site Information:

Project Customer: K & H FRAMING Project Name: MONK RESIDENCE
Lot/Block: KH-80104 Subdivision: -
Address: -
City: COLUMBIA COUNTY State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2004/TPI2002 Design Program: Robbins OnLinc Plus 21.5.041□
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 24 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T2849010	A1	1/10/08	18	T2849027	D1	1/10/08
2	T2849011	A2	1/10/08	19	T2849028	J1	1/10/08
3	T2849012	A3	1/10/08	20	T2849029	J1A	1/10/08
4	T2849013	A4	1/10/08	21	T2849030	J2	1/10/08
5	T2849014	A5	1/10/08	22	T2849031	J3	1/10/08
6	T2849015	A6	1/10/08	23	T2849032	J4	1/10/08
7	T2849016	A7	1/10/08	24	T2849033	J5	1/10/08
8	T2849017	A8	1/10/08				
9	T2849018	A9	1/10/08				
10	T2849019	A10	1/10/08				
11	T2849020	B1	1/10/08				
12	T2849021	B2	1/10/08				
13	T2849022	B3	1/10/08				
14	T2849023	C1	1/10/08				
15	T2849024	CJ1	1/10/08				
16	T2849025	CJ2	1/10/08				
17	T2849026	CJ3	1/10/08				

The truss drawing(s) referenced above have been prepared by Robbins Engineering, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Magid, Michael
My license renewal date for the state of Florida is February 28, 2009.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

6904 Parke East Boulevard
Tampa, FL 33610-4115
Phone: 813-972-1135• Fax: 813-971-6117
www.robbinseng.com

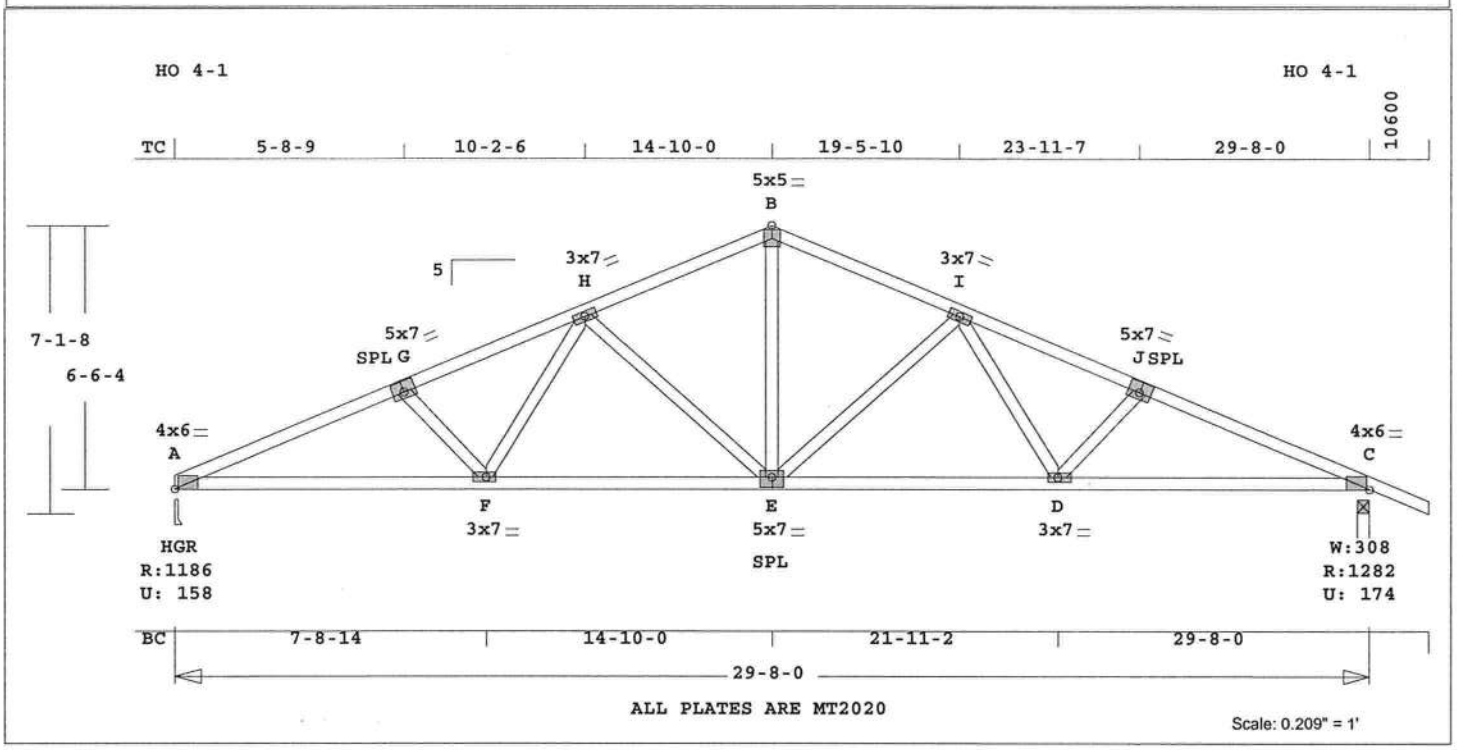
Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Magid, Michael

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	A1	3	TR	290800	5	0	1- 6- 0	T2849010

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 183.0 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.51	2x 4	SP-#2
WB	0.27	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1187	158 U	110 R
C	1283	175 U	110 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -G	0.30	2410 C	0.15 0.15
G -H	0.29	2202 C	0.13 0.16
H -B	0.26	1535 C	0.10 0.16
B -I	0.26	1535 C	0.10 0.16
I -J	0.29	2202 C	0.13 0.16
J -C	0.30	2410 C	0.15 0.15
Bottom Chords			
A -F	0.51	2227 T	0.37 0.14
F -E	0.45	1827 T	0.30 0.15
E -D	0.45	1827 T	0.30 0.15
D -C	0.51	2227 T	0.37 0.14
Webs			
G -F	0.04	288 C	
F -H	0.07	434 T	
H -E	0.27	562 C	
E -B	0.18	907 T	
E -I	0.27	562 C	
I -D	0.07	434 T	
D -J	0.04	288 C	

TL Defl -0.24" in F -E L/999
LL Defl -0.11" in F -E L/999
Shear // Grain in A -G 0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.66
G	MT20	5.0x 7.0	-0.2	0.5	0.68
H	MT20	3.0x 7.0	Ctr	Ctr	0.47
B	MT20	5.0x 5.0	Ctr	Ctr	0.63
I	MT20	3.0x 7.0	Ctr	Ctr	0.47
J	MT20	5.0x 7.0	0.2	0.5	0.68
C	MT20	4.0x 6.0	Ctr	0.1	0.66
F	MT20	3.0x 7.0	-0.5	Ctr	0.48
E	MT20	5.0x 7.0	Ctr	-0.5	0.68
D	MT20	3.0x 7.0	0.5	Ctr	0.48

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

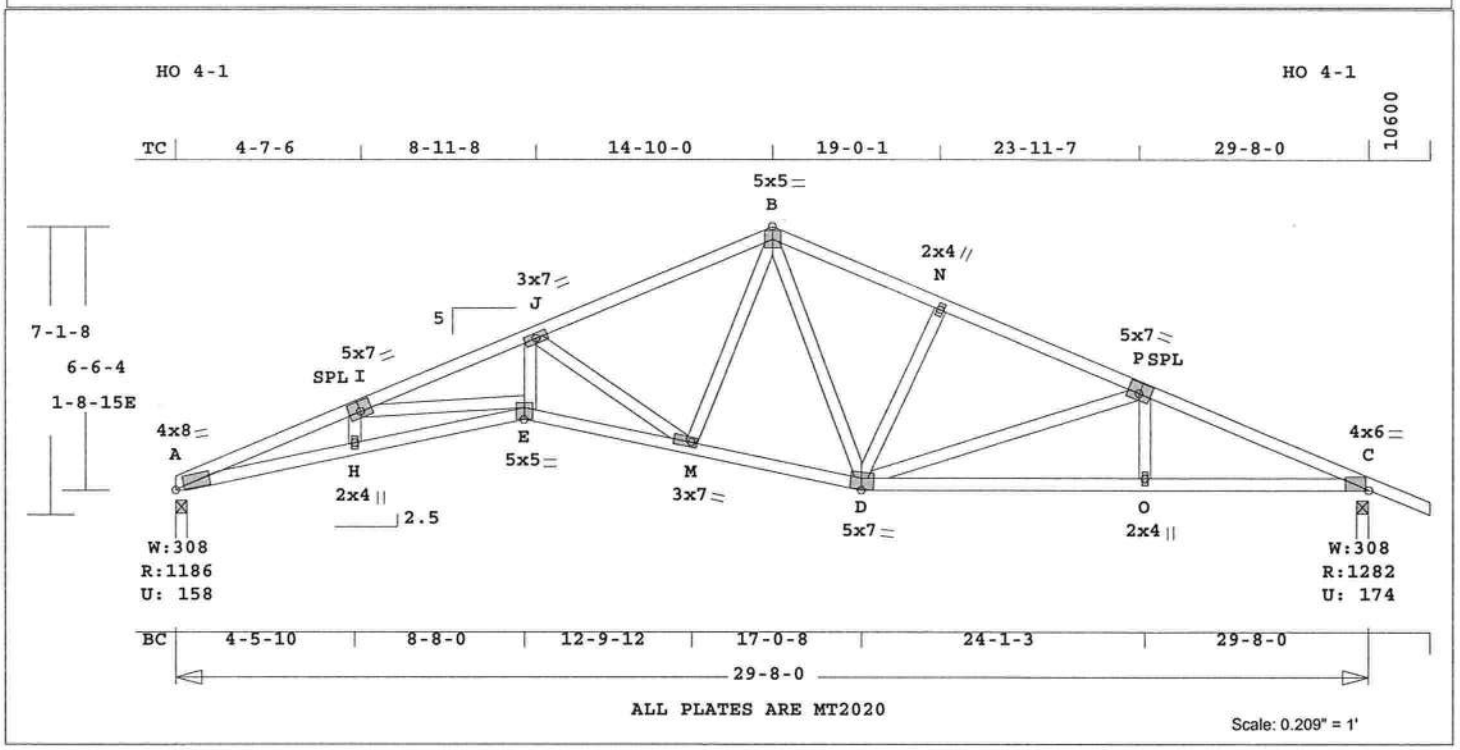
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2410 Lbs
Max tens. force 2227 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	A2	2	SP	290800	5	0	1- 6- 0	T2849011

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 190.5 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.45	2x 4	SP-#2
BC	0.92	2x 4	SP-#2
WB	0.64	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1187	158 U	110 R
C	1283	175 U	110 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -I	0.36	4406 C	0.26 0.10
I -J	0.45	4053 C	0.23 0.22
J -B	0.36	2018 C	0.13 0.23
B -N	0.27	1724 C	0.12 0.15
N -P	0.28	1839 C	0.11 0.17
P -C	0.31	2443 C	0.14 0.17
Bottom Chords			
A -H	0.90	4119 T	0.69 0.21
H -E	0.92	4136 T	0.69 0.23
E -M	0.71	3765 T	0.63 0.08
M -D	0.33	1536 T	0.25 0.08
D -O	0.56	2255 T	0.37 0.19
O -C	0.44	2255 T	0.37 0.07
Webs			
H -I	0.01	95 T	
I -E	0.07	286 C	
E -J	0.31	1710 T	
J -M	0.64	2227 C	
M -B	0.18	995 T	
B -D	0.07	234 T	
D -N	0.08	271 C	
D -P	0.39	581 C	
O -P	0.03	246 T	

TL Defl -0.56" in H -E L/623
LL Defl -0.28" in H -E L/999

Hz Disp	LL	DL	TL
Jt C	0.13"	0.13"	0.27"

Shear // Grain in I -J 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 8.0	Ctr	Ctr	0.88
I	MT20	5.0x 7.0	-0.2	0.5	0.68
J	MT20	3.0x 7.0	Ctr	Ctr	0.97
B	MT20	5.0x 5.0	Ctr	Ctr	0.63
N	MT20	2.0x 4.0	Ctr	Ctr	0.41
P	MT20	5.0x 7.0	0.2	0.5	0.68
C	MT20	4.0x 6.0	Ctr	0.1	0.66
H	MT20	2.0x 4.0	Ctr	Ctr	0.41
E	MT20	5.0x 5.0	Ctr	-1.1	0.98
M	MT20	3.0x 7.0	Ctr	Ctr	0.67
D	MT20	5.0x 7.0	0.3	2.8	0.81
O	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

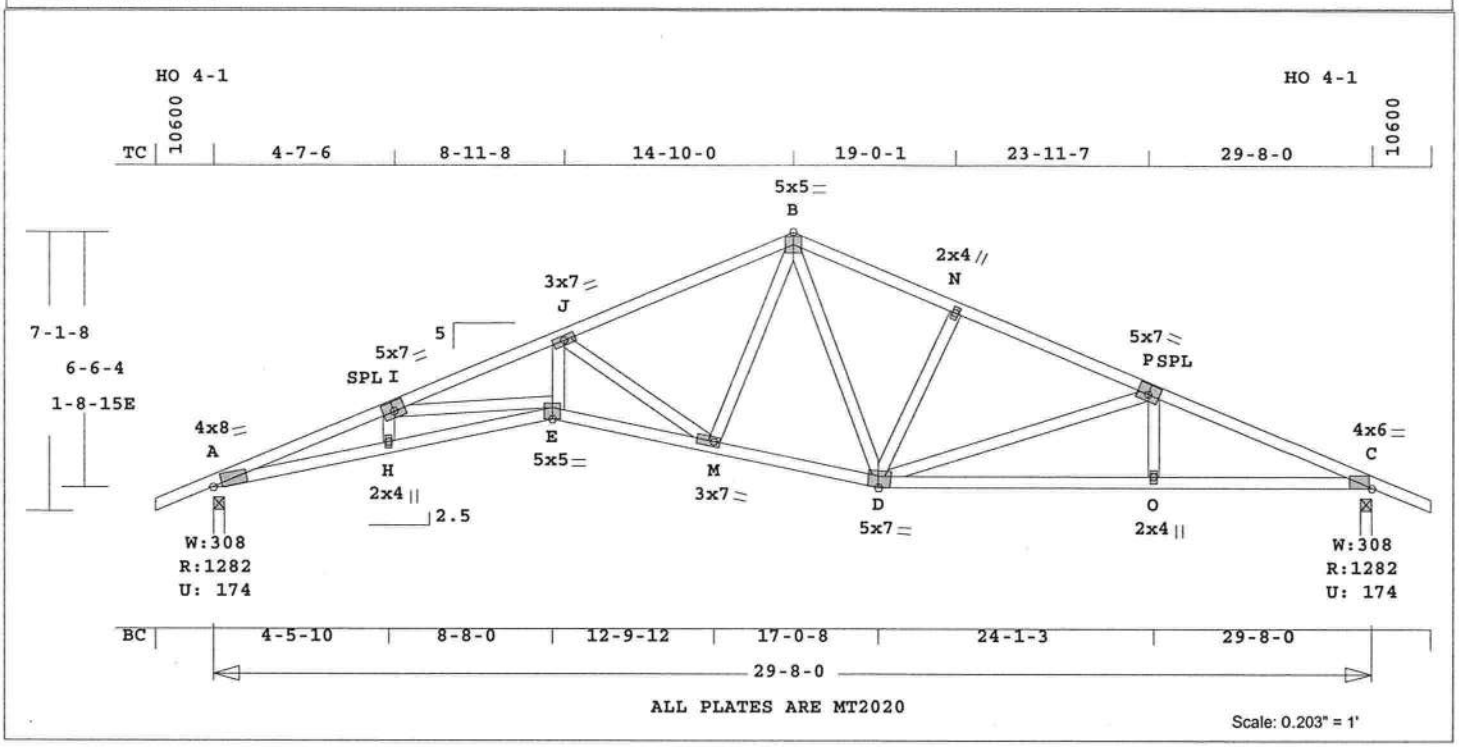
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4406 Lbs
Max tens. force 4136 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	A3	6	SP	290800	5	1- 6- 0	1- 6- 0	T2849012

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 193.6 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.45	2x 4	SP-#2
BC	0.92	2x 4	SP-#2
WB	0.64	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1282	175 U	110 R
C	1283	175 U	110 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -I	0.36	4406 C	0.26 0.10
I -J	0.45	4052 C	0.23 0.22
J -B	0.36	2018 C	0.13 0.23
B -N	0.27	1724 C	0.12 0.15
N -P	0.28	1839 C	0.11 0.17
P -C	0.31	2443 C	0.14 0.17
Bottom Chords			
A -H	0.90	4119 T	0.69 0.21
H -E	0.92	4136 T	0.69 0.23
E -M	0.71	3765 T	0.63 0.08
M -D	0.33	1536 T	0.25 0.08
D -O	0.56	2255 T	0.37 0.19
O -C	0.44	2255 T	0.37 0.07
Webs			
H -I	0.01	95 T	
I -E	0.07	286 C	
E -J	0.31	1710 T	
J -M	0.64	2227 C	
M -B	0.18	995 T	
B -D	0.07	234 T	
D -N	0.08	271 C	
D -P	0.39	581 C	
O -P	0.03	246 T	

TL Defl -0.56" in H -E L/623
LL Defl -0.28" in H -E L/999

Hz Disp	LL	DL	TL
Jt C	0.13"	0.13"	0.27"

Shear // Grain in I -J 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 8.0	Ctr	Ctr	0.88
I	MT20	5.0x 7.0	-0.2	0.5	0.68
J	MT20	3.0x 7.0	Ctr	Ctr	0.97
B	MT20	5.0x 5.0	Ctr	Ctr	0.63
N	MT20	2.0x 4.0	Ctr	Ctr	0.41
P	MT20	5.0x 7.0	0.2	0.5	0.68
C	MT20	4.0x 6.0	Ctr	0.1	0.66
H	MT20	2.0x 4.0	Ctr	Ctr	0.41
E	MT20	5.0x 5.0	Ctr	-1.1	0.98
M	MT20	3.0x 7.0	Ctr	Ctr	0.67
D	MT20	5.0x 7.0	0.3	2.8	0.81
O	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

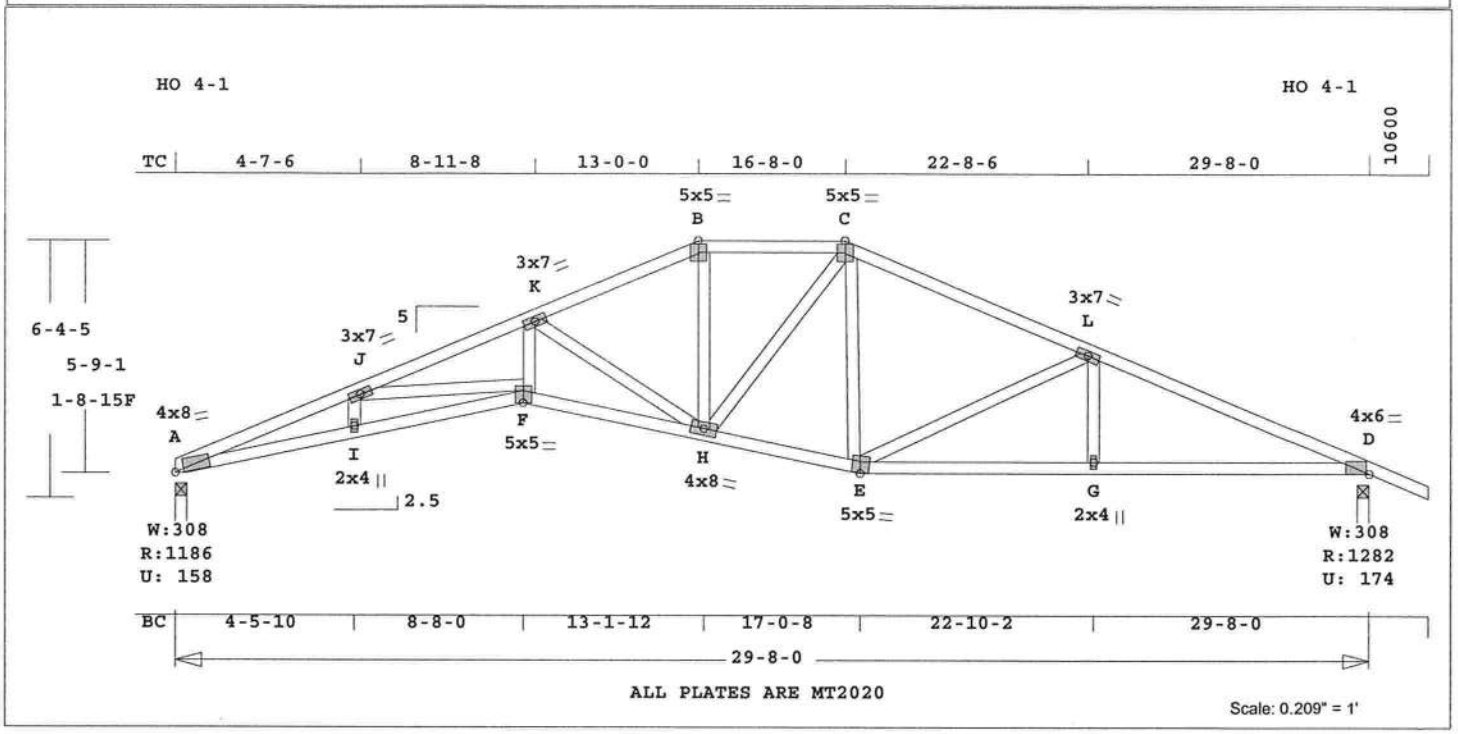
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4406 Lbs
Max tens. force 4136 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	A4	1	SP	290800	5	0	1- 6- 0	T2849013

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 187.5 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.93	2x 4	SP-#2
WB	0.71	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1187	158 U	97 R
D	1283	175 U	97 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -J	0.34	4415 C	0.25 0.09
J -K	0.47	4019 C	0.15 0.32
K -B	0.25	1995 C	0.12 0.13
B -C	0.27	1842 C	0.12 0.15
C -L	0.42	1732 C	0.02 0.40
L -D	0.44	2372 C	0.14 0.30
Bottom Chords			
A -I	0.92	4128 T	0.69 0.23
I -F	0.93	4147 T	0.69 0.24
F -H	0.69	3726 T	0.62 0.07
H -E	0.35	1623 T	0.27 0.08
E -G	0.52	2196 T	0.36 0.16
G -D	0.50	2196 T	0.36 0.14
Webs			
I -J	0.01	91 T	
J -F	0.08	335 C	
F -K	0.31	1711 T	
K -H	0.71	2171 C	
H -B	0.10	561 T	
H -C	0.07	410 T	
C -E	0.02	136 T	
E -L	0.35	670 C	
G -L	0.03	251 T	

TL Defl -0.56" in I -F L/618
LL Defl -0.28" in I -F L/999

Hz Disp	LL	DL	TL
Jt D	0.14"	0.14"	0.27"

Shear // Grain in C -L 0.25

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 8.0	Ctr	Ctr	0.88
J	MT20	3.0x 7.0	Ctr	Ctr	0.44
K	MT20	3.0x 7.0	Ctr	Ctr	0.92
B	MT20	5.0x 5.0	Ctr	Ctr	0.83
C	MT20	5.0x 5.0	Ctr	Ctr	0.83
L	MT20	3.0x 7.0	Ctr	Ctr	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.66
I	MT20	2.0x 4.0	Ctr	Ctr	0.41
F	MT20	5.0x 5.0	Ctr	-1.1	0.98
H	MT20	4.0x 8.0	Ctr	Ctr	0.89
E	MT20	5.0x 5.0	0.3	2.7	0.74
G	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

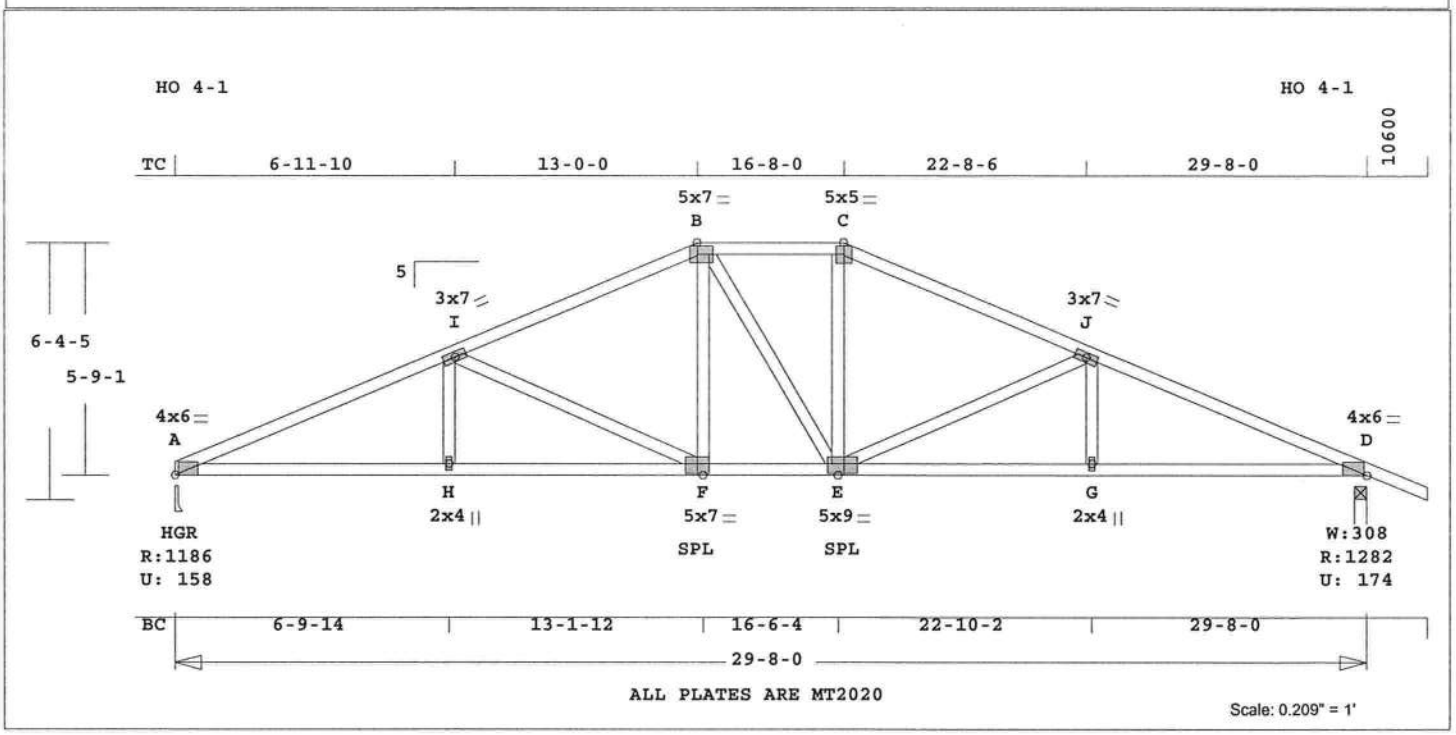
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4415 Lbs
Max tens. force 4147 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	A5	1	HIPP	290800	5	0	1- 6- 0	T2849014

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 185.4 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
BC	0.49	2x 4	SP-#2
WB	0.40	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1187	158 U	97 R
D	1283	175 U	97 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -I	0.44	2376 C	0.14	0.30
I -B	0.40	1717 C	0.10	0.30
B -C	0.21	1577 C	0.11	0.10
C -J	0.40	1716 C	0.10	0.30
J -D	0.44	2377 C	0.14	0.30
Bottom Chords				
A -H	0.49	2199 T	0.36	0.13
H -F	0.47	2199 T	0.36	0.11
F -E	0.34	1572 T	0.26	0.08
E -G	0.47	2199 T	0.36	0.11
G -D	0.49	2199 T	0.36	0.13
Webs				
H -I	0.04	272 T		
I -F	0.40	681 C		
F -B	0.06	392 T		
B -E	0.03	80 T		
E -C	0.06	387 T		
E -J	0.40	683 C		
G -J	0.04	270 T		

TL Defl -0.24" in H -F L/999
LL Defl -0.10" in F -E L/999
Shear // Grain in A -I 0.24

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.66
I	MT20	3.0x 7.0	Ctr	Ctr	0.38
B	MT20	5.0x 7.0	-0.5	Ctr	0.82
C	MT20	5.0x 5.0	Ctr	Ctr	0.83
J	MT20	3.0x 7.0	Ctr	Ctr	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.66
H	MT20	2.0x 4.0	Ctr	Ctr	0.41
F	MT20	5.0x 7.0	Ctr	-0.5	0.68
E	MT20	5.0x 9.0	-0.5	-0.5	0.68
G	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

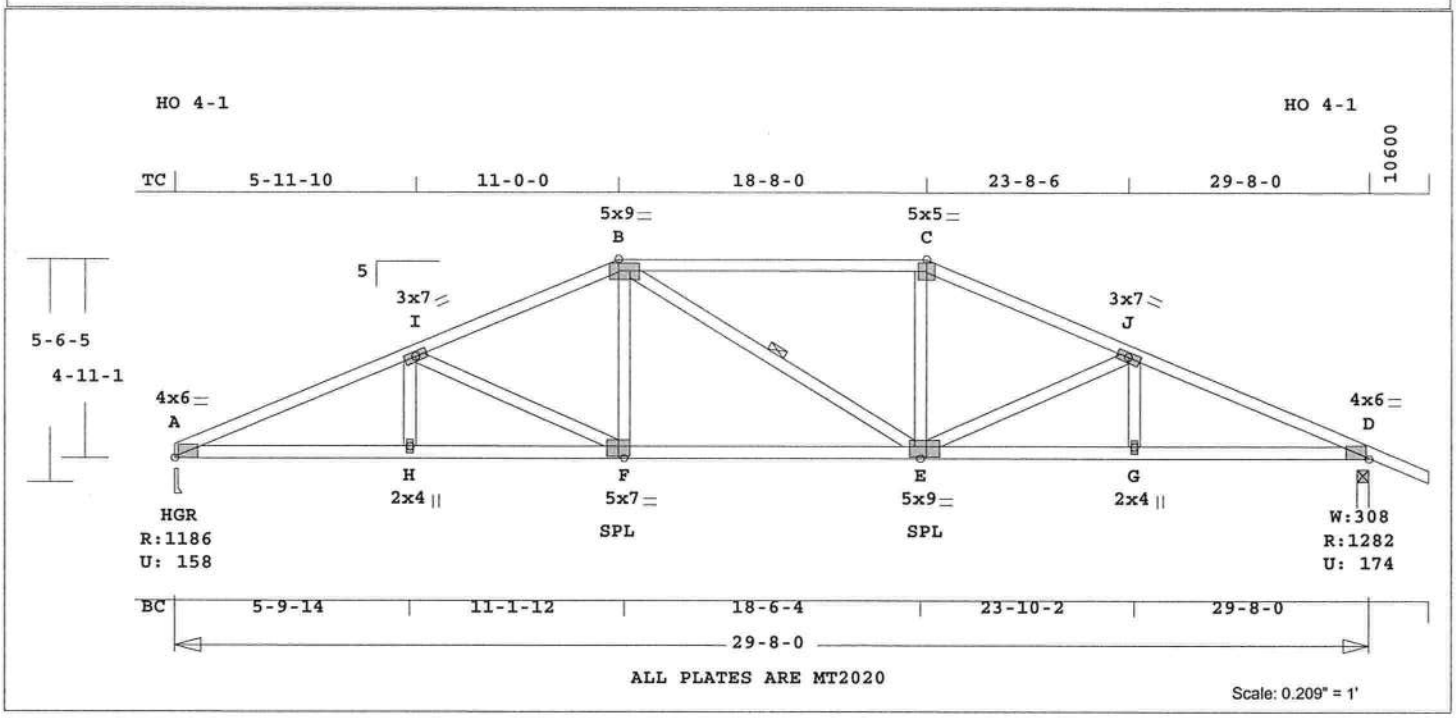
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2377 Lbs
Max tens. force 2199 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	A6	2	HIPP	290800	5	0	1- 6- 0	T2849015

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 180.3 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.66	2x 4	SP-#2
BC	0.52	2x 4	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

One Continuous Lateral Brace
B -E
Attach CLB with (2)-10d nails at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1187	158 U	82 R
D	1283	175 U	82 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -I	0.32	2416	C	0.14 0.18
I -B	0.36	1934	C	0.02 0.34
B -C	0.66	1793	C	0.05 0.61
C -J	0.34	1936	C	0.02 0.32
J -D	0.32	2417	C	0.14 0.18
Bottom Chords				
A -H	0.47	2229	T	0.37 0.10
H -F	0.49	2229	T	0.37 0.12
F -E	0.44	1785	T	0.29 0.15
E -G	0.52	2230	T	0.37 0.15
G -D	0.47	2230	T	0.37 0.10
Webs				
H -I	0.03	196	T	
I -F	0.20	480	C	
F -B	0.06	413	T	
B -E	0.01	86	T	1 Br
E -C	0.06	414	T	
E -J	0.20	481	C	
G -J	0.02	192	T	

TL Defl -0.29" in F -E L/999
LL Defl -0.12" in F -E L/999
Shear // Grain in B -C 0.28

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.66
I	MT20	3.0x 7.0	Ctr	Ctr	0.38
B	MT20	5.0x 9.0	Ctr	-0.1	0.87
C	MT20	5.0x 5.0	Ctr	Ctr	0.83
J	MT20	3.0x 7.0	Ctr	Ctr	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.66
H	MT20	2.0x 4.0	Ctr	Ctr	0.41
F	MT20	5.0x 7.0	Ctr	-0.5	0.68
E	MT20	5.0x 9.0	-0.5	-0.5	0.68
G	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

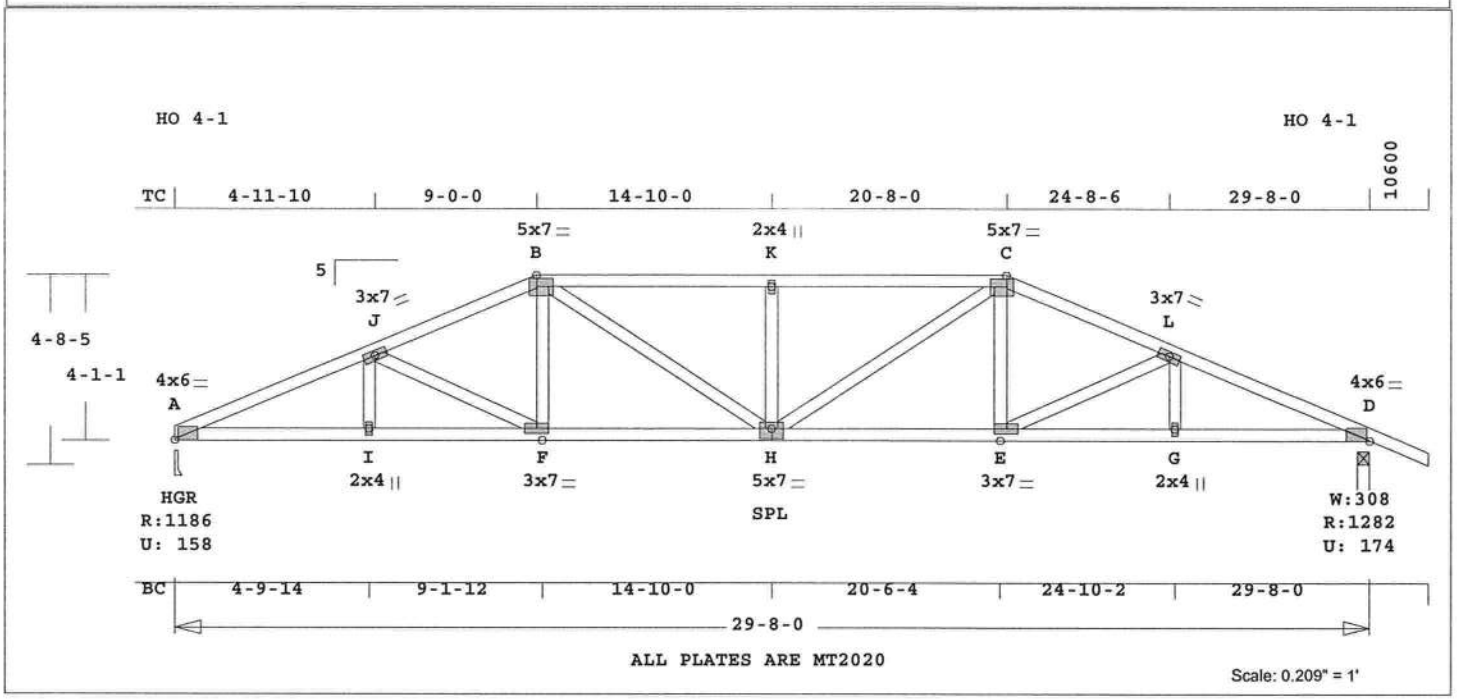
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2417 Lbs
Max tens. force 2230 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	A7	1	HIPP	290800	5	0	1- 6- 0	T2849016

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 186.1 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
WB	0.11	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1187	158 U	66 R
D	1283	175 U	66 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -J	0.26	2464 C	0.14	0.12
J -B	0.24	2113 C	0.12	0.12
B -K	0.37	2335 C	0.03	0.34
K -C	0.37	2335 C	0.03	0.34
C -L	0.24	2112 C	0.12	0.12
L -D	0.26	2464 C	0.14	0.12
Bottom Chords				
A -I	0.45	2270 T	0.38	0.07
I -F	0.45	2270 T	0.38	0.07
F -H	0.40	1949 T	0.32	0.08
H -E	0.40	1949 T	0.32	0.08
E -G	0.45	2270 T	0.38	0.07
G -D	0.45	2270 T	0.38	0.07
Webs				
I -J	0.02	149 T		
J -F	0.09	346 C		
F -B	0.04	315 T		
B -H	0.11	459 T		
H -K	0.07	386 C		
H -C	0.11	460 T		
E -C	0.04	315 T		
E -L	0.09	346 C		
G -L	0.02	149 T		

TL Defl -0.28" in F -H L/999
LL Defl -0.13" in F -H L/999
Shear // Grain in B -K 0.25

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	0.1	0.66
J	MT20	3.0x 7.0	Ctr	Ctr	0.38
B	MT20	5.0x 7.0	-0.5	Ctr	0.82
K	MT20	2.0x 4.0	Ctr	Ctr	0.41
C	MT20	5.0x 7.0	0.5	Ctr	0.82
L	MT20	3.0x 7.0	Ctr	Ctr	0.38
D	MT20	4.0x 6.0	Ctr	0.1	0.66
I	MT20	2.0x 4.0	Ctr	Ctr	0.41
F	MT20	3.0x 7.0	Ctr	Ctr	0.43
H	MT20	5.0x 7.0	Ctr	-0.5	0.68
E	MT20	3.0x 7.0	Ctr	Ctr	0.43
G	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

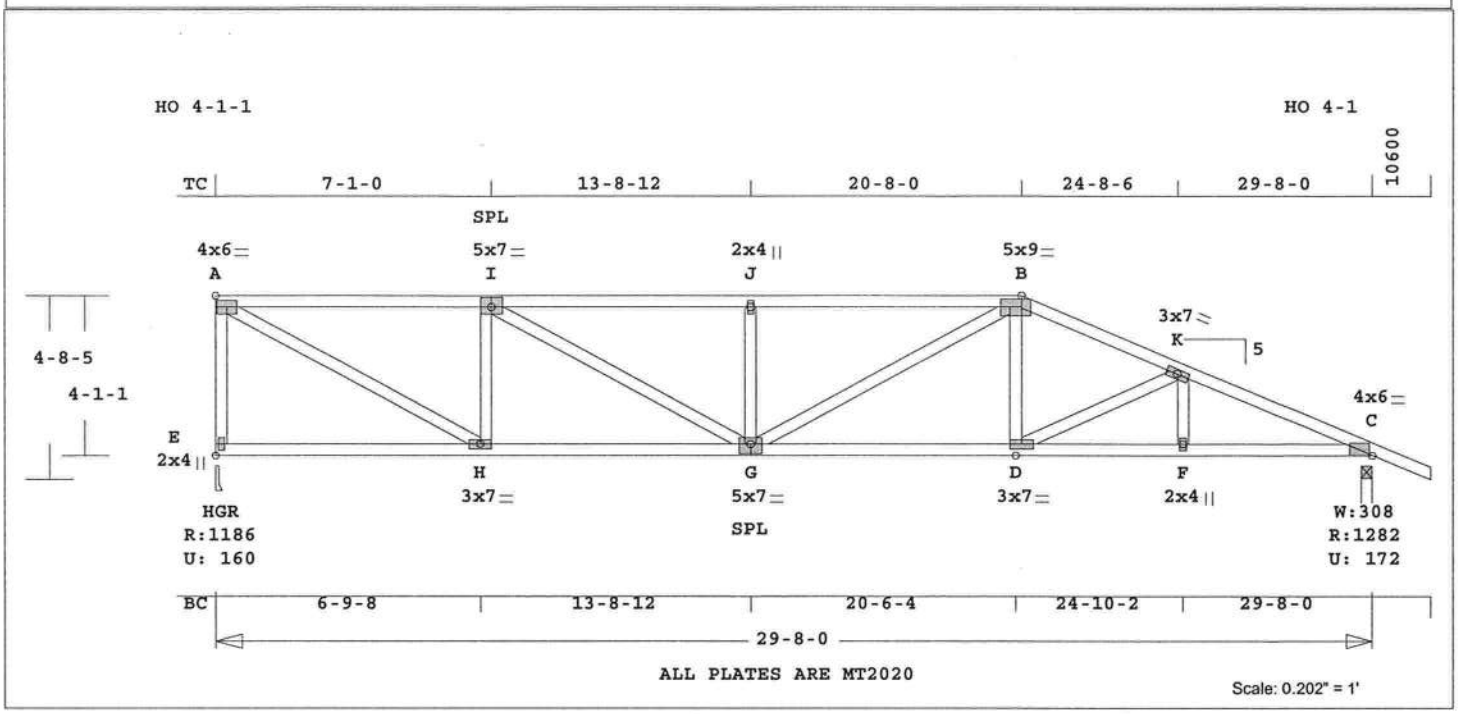
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2464 Lbs
Max tens. force 2270 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	A8	1	HHIP	290800	5	0	1- 6- 0	T2849017

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 196.9 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.48	2x 4	SP-#2
WB	0.54	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 8- 0
BC	Cont.	0- 0- 0	29- 8- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	1187	160 U	133 R
C	1283	173 U	53 R

Jt	Brg Size	Required
E	3.5"	1.5"
C	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
----------Top Chords----------				
A -I	0.52	1709 C	0.04	0.48
I -J	0.52	2339 C	0.03	0.49
J -B	0.48	2339 C	0.07	0.41
B -K	0.27	2122 C	0.02	0.25
K -C	0.24	2459 C	0.13	0.11
--------Bottom Chords---------				
E -H	0.28	156 T	0.00	0.28
H -G	0.45	1709 T	0.17	0.28
G -D	0.44	1960 T	0.32	0.12
D -F	0.48	2264 T	0.38	0.10
F -C	0.45	2264 T	0.38	0.07
----------Webs----------				
E -A	0.21	1128 C	WindLd	
A -H	0.54	1958 T		
H -I	0.15	804 C		
I -G	0.23	721 T		
G -J	0.08	423 C		
G -B	0.09	430 T		
D -B	0.05	339 T		
D -K	0.09	327 C		
F -K	0.02	138 T		

TL Defl -0.28" in G -D L/999
LL Defl -0.13" in G -D L/999
Shear // Grain in A -I 0.31

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 6.0	Ctr	Ctr	0.63
I	MT20	5.0x 7.0	Ctr	0.5	0.68
J	MT20	2.0x 4.0	Ctr	Ctr	0.41
B	MT20	5.0x 9.0	Ctr	-0.1	0.87
K	MT20	3.0x 7.0	Ctr	Ctr	0.38
C	MT20	4.0x 6.0	Ctr	0.1	0.66
E	MT20	2.0x 4.0	Ctr	Ctr	0.42
H	MT20	3.0x 7.0	Ctr	Ctr	0.66
G	MT20	5.0x 7.0	Ctr	-0.5	0.68
D	MT20	3.0x 7.0	Ctr	Ctr	0.43
F	MT20	2.0x 4.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

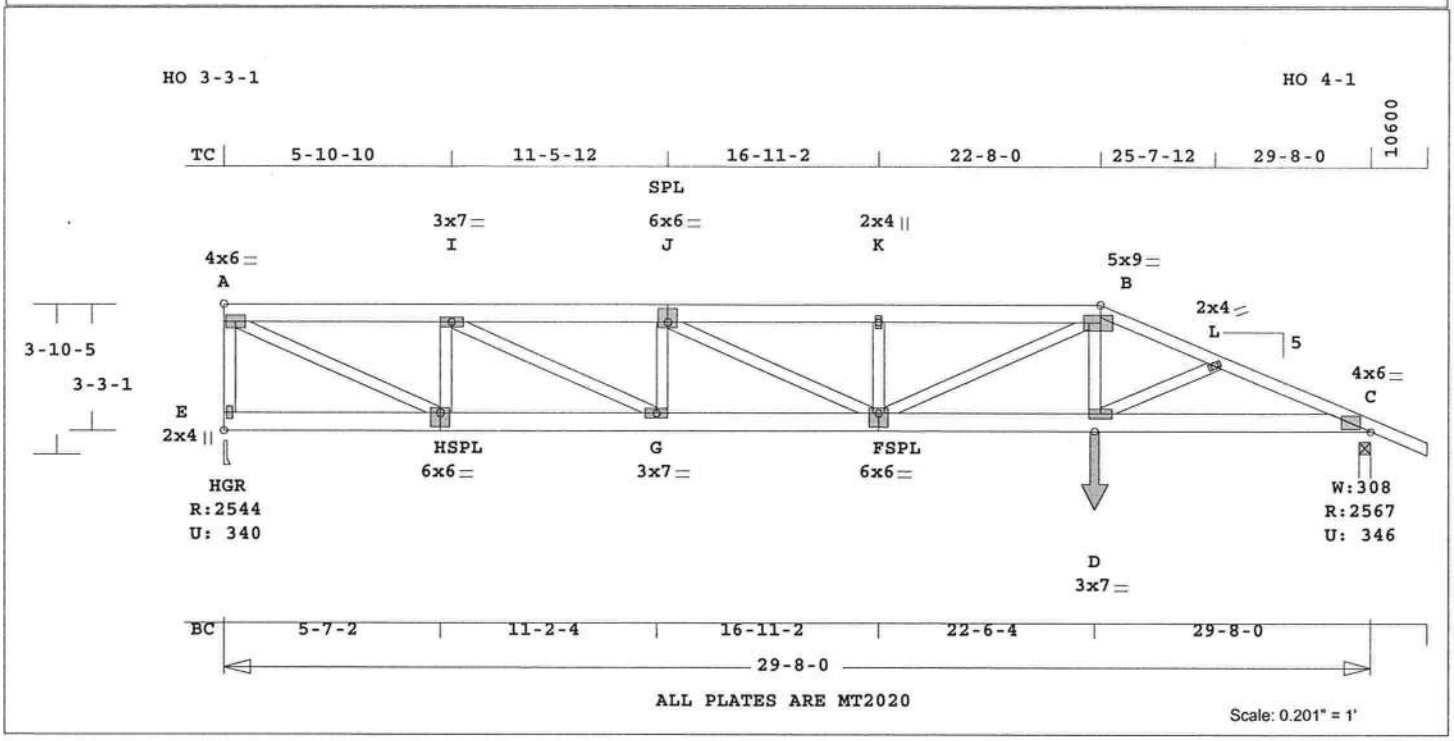
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2459 Lbs
Max tens. force 2264 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	A9	1*2P	HHIP	290800	5	0	1- 6- 0	T2849018

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 238.1 LBS

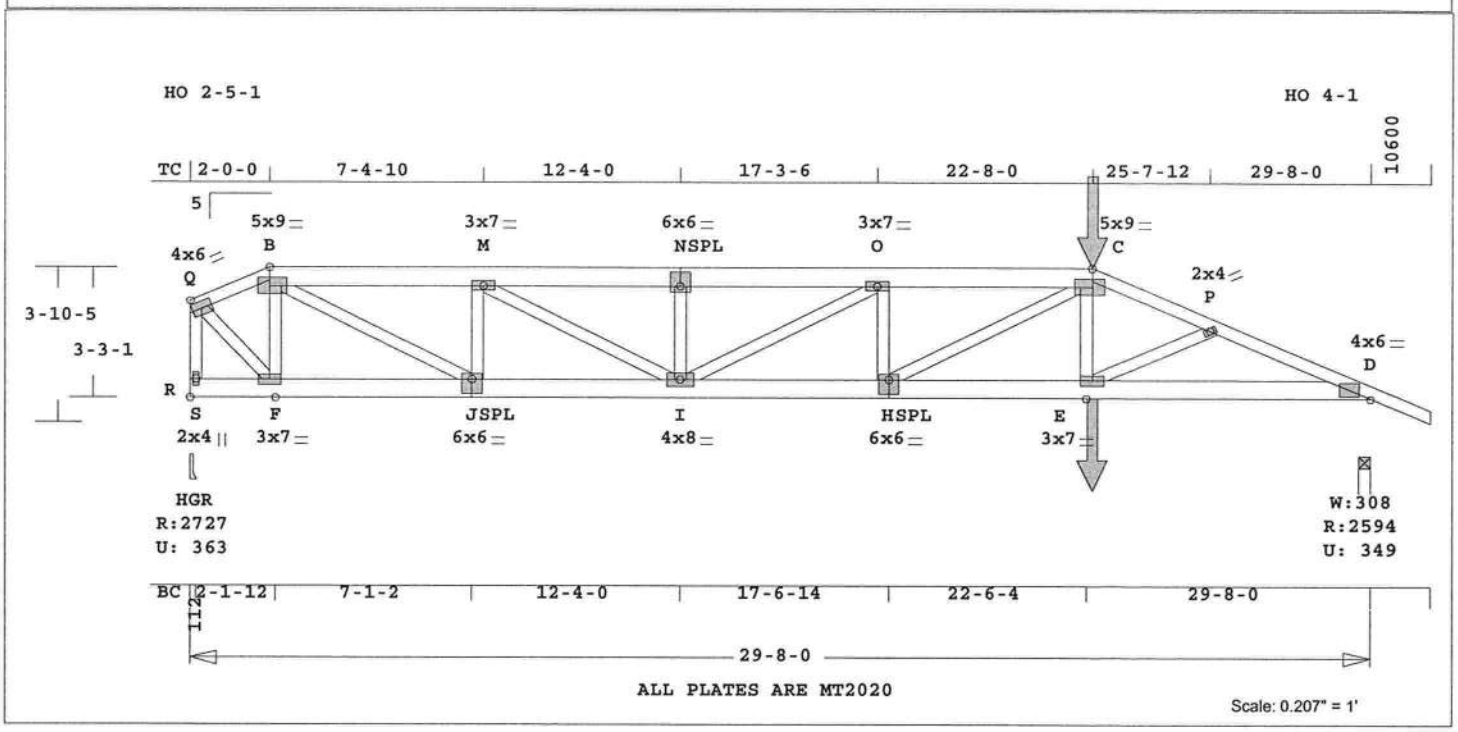
```
Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08
***************
* 2-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.33  2x 4  SP-#2
--  0.27  2x 6  SP-#2
    A -J   J -B
BC  0.53  2x 6  SP-#2
WB  0.46  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 29- 8- 0
 BC  Cont.    0- 0- 0 29- 8- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    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

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
E   2545   341 U    96 R
C   2568   346 U    39 R

Jt   Brg Size    Required
E       3.5"        1.5"
C       3.5"        1.5"

LC#  1  Girder Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  29.7'
BC V    20     0   0.0'  29.7'
TC V    25    50   1.0'  22.7'
TC V   -20   -40   0.0'   1.0'
BC V    25     0   1.0'  22.5'
BC V   -20     0   0.0'   1.0'
BC V   280   280  22.5'  CL-LB

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -I  0.19  4498 C  0.01  0.18
I -J  0.22  6809 C  0.13  0.09
J -K  0.24  7240 C  0.15  0.09
K -B  0.27  7240 C  0.05  0.22
B -L  0.33  5688 C  0.06  0.27
L -C  0.21  5751 C  0.07  0.14
--------Bottom Chords---------
E -H  0.09   128 T  0.00  0.09
H -G  0.38  4498 T  0.30  0.08
G -F  0.53  6810 T  0.45  0.08
F -D  0.44  5262 T  0.35  0.09
D -C  0.45  5289 T  0.35  0.10
------------Webs-------------
E -A  0.11  2462 C WindLd
A -H  0.46  5029 T
H -I  0.09  1982 C
I -G  0.23  2584 T
G -J  0.04   925 C
J -F  0.04   481 T
F -K  0.04   852 C
F -B  0.20  2182 T
D -B  0.06   762 T
D -L  0.01   163 T

TL Defl  -0.32" in G -F  L/999
LL Defl  -0.16" in G -F  L/999
Shear // Grain  in K -B   0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  4.0x 6.0 Ctr Ctr 0.81
I  MT20  3.0x 7.0 Ctr Ctr 0.44
J  MT20  6.0x 6.0 Ctr 1.2 0.55
K  MT20  2.0x 4.0 Ctr Ctr 0.41
B  MT20  5.0x 9.0 1.0 Ctr 0.94
L  MT20  2.0x 4.0 Ctr Ctr 0.41
C  MT20  4.0x 6.0 Ctr Ctr 0.71
E  MT20  2.0x 4.0 Ctr Ctr 0.69
H  MT20  6.0x 6.0 Ctr-1.2 0.83
G  MT20  3.0x 7.0 Ctr Ctr 0.44
F  MT20  6.0x 6.0 Ctr-1.2 0.87
D  MT20  3.0x 7.0 Ctr Ctr 0.45

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

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.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          110 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:        5.0 psf
  BC Dead Load:        5.0 psf
Max comp. force     7240 Lbs
Max tens. force     6810 Lbs
Quality Control Factor 1.25
```


Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
kh-80104	*A10*	1*2P	HIPP	290800	5	0	1- 6- 0	*T2849019*

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 241.4 LBS

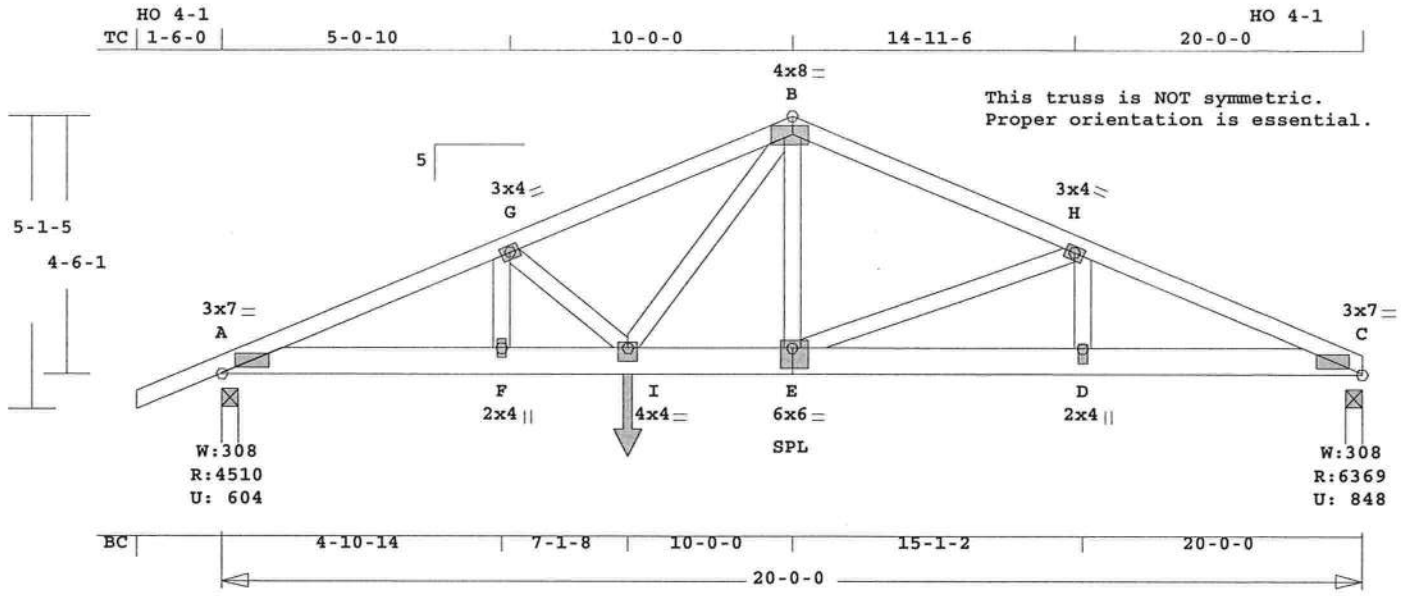
```
Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08
***************
* 2-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.30  2x 4  SP-#2
--  0.23  2x 6  SP-#2
    B -N   N -C
BC  0.55  2x 6  SP-#2
WB  0.35  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 29- 8- 0
 BC  Cont.     0- 0- 0 29- 8- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    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

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
S   2728   364 U    85 R
D   2595   349 U    43 R

Jt   Brg Size   Required
S        3.5"       1.6"
D        3.5"       1.5"

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  29.7'
BC V    20     0   0.0'  29.7'
BC V    50    50   0.0'   2.0'
TC V    25    50   2.0'  22.7'
BC V    25     0   2.0'  22.7'
BC V   175   175  22.7'  CL-LB
TC V   119   119  22.7'  CL-LB

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
Q -B  0.15  1920 C  0.00  0.15
B -M  0.19  5233 C  0.02  0.17
M -N  0.21  7046 C  0.15  0.06
N -O  0.22  7046 C  0.15  0.07
O -C  0.23  7180 C  0.15  0.08
C -P  0.30  5747 C  0.06  0.24
P -D  0.22  5826 C  0.17  0.05
--------Bottom Chords---------
S -F  0.11    77 T  0.00  0.11
F -J  0.23  1807 T  0.12  0.11
J -I  0.44  5233 T  0.35  0.09
I -H  0.55  7180 T  0.48  0.07
H -E  0.44  5321 T  0.35  0.09
E -D  0.45  5361 T  0.35  0.10
------------Webs-------------
S -Q  0.12  2698 C WindLd
Q -F  0.23  2523 T
F -B  0.06  1436 C
B -J  0.35  3849 T
J -M  0.07  1593 C
M -I  0.19  2068 T
I -N  0.03   691 C
I -O  0.01   219 C
H -O  0.03   690 C
H -C  0.19  2087 T
E -C  0.04   618 T
E -P  0.01   168 T

TL Defl  -0.32" in I -H  L/999
LL Defl  -0.16" in I -H  L/999
Shear // Grain  in O -C   0.16

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
Q  MT20  4.0x 6.0 Ctr Ctr 0.63
B  MT20  5.0x 9.0-1.0 Ctr 0.94
M  MT20  3.0x 7.0 Ctr Ctr 0.42
N  MT20  6.0x 6.0 Ctr 1.2 0.55
O  MT20  3.0x 7.0 Ctr Ctr 0.42
C  MT20  5.0x 9.0 1.0 Ctr 0.94
P  MT20  2.0x 4.0 Ctr Ctr 0.41
D  MT20  4.0x 6.0 Ctr Ctr 0.71
S  MT20  2.0x 4.0 Ctr Ctr 0.69
F  MT20  3.0x 7.0 Ctr Ctr 0.50
J  MT20  6.0x 6.0 Ctr-1.2 0.64
I  MT20  4.0x 8.0 Ctr Ctr 0.44
H  MT20  6.0x 6.0 Ctr-1.2 0.62
E  MT20  3.0x 7.0 Ctr Ctr 0.45

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

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
OH Loading
  Soffit psf 2.0
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          110 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:         5.0 psf
  BC Dead Load:         5.0 psf
Max comp. force     7180 Lbs
Max tens. force     7180 Lbs
Quality Control Factor 1.25
```


Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	*B1*	1*3P	TR	200000	5	1- 6- 0	0	*T2849020*

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 137.7 LBS

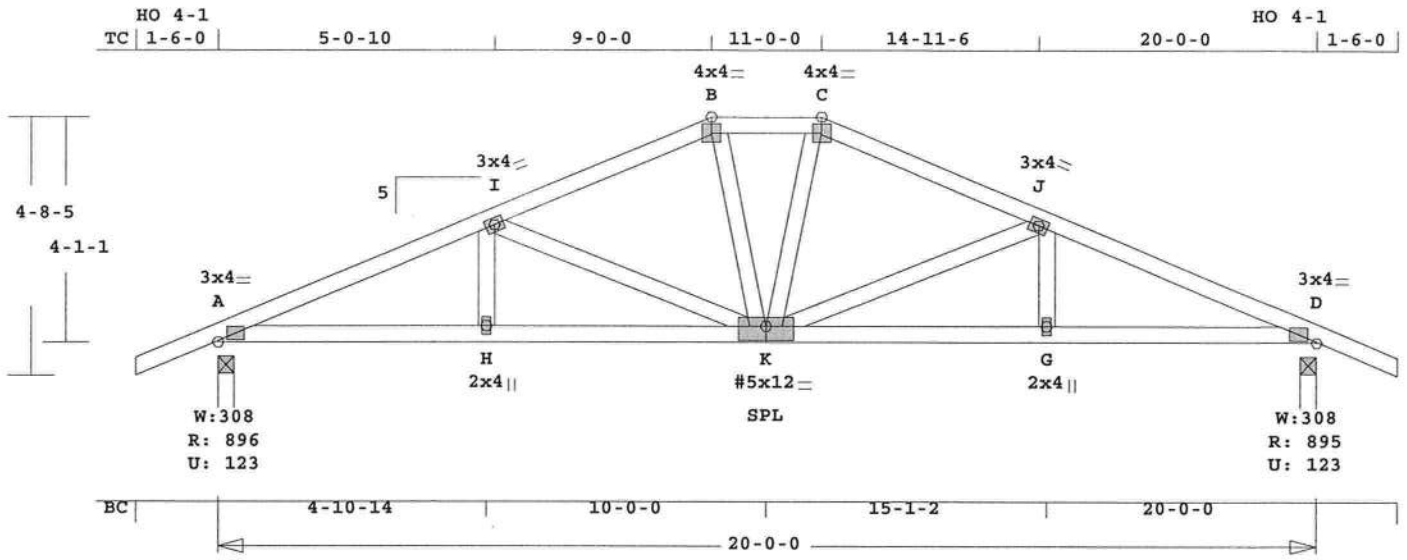
```
Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08
***************
* 3-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.35  2x 4  SP-#2
BC  0.81  2x 6  SP-#2
WB  0.25  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 20- 0- 0
 BC  Cont.    0- 0- 0 20- 0- 0

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

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A   4511   605 U    69 R
C   6369   849 U    67 R

Jt   Brg Size   Required
A       3.5"       1.8"
C       3.5"       2.5"

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  20.0'
BC V    20     0   0.0'  20.0'
BC V   277   277   8.0'  20.0'
BC V  1272  1272   7.1'  CL-LB

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -G  0.27 10645 C  0.23  0.04
G -B  0.30 10526 C  0.23  0.07
B -H  0.26  8495 C  0.18  0.08
H -C  0.35 12677 C  0.16  0.19
--------Bottom Chords---------
A -F  0.52  9826 T  0.39  0.13
F -I  0.52  9826 T  0.39  0.13
I -E  0.61  7750 T  0.31  0.30
E -D  0.78 11719 T  0.47  0.31
D -C  0.81 11719 T  0.47  0.34
------------Webs-------------
F -G  0.00   140 T
G -I  0.00   151 T
I -B  0.20  3381 T
E -B  0.25  4226 T
E -H  0.14  4139 C
D -H  0.17  2960 T

TL Defl  -0.25" in E -D  L/933
LL Defl  -0.12" in E -D  L/999
Shear // Grain  in E -D   0.41

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  3.0x 7.0 Ctr Ctr 0.84
G  MT20  3.0x 4.0 Ctr Ctr 0.56
B  MT20  4.0x 8.0-0.5-0.1 0.99
H  MT20  3.0x 4.0 Ctr Ctr 0.74
C  MT20  3.0x 7.0 Ctr Ctr 1.00
F  MT20  2.0x 4.0 Ctr Ctr 0.38
I  MT20  4.0x 4.0 Ctr-0.8 0.85
E  MT20  6.0x 6.0 0.5-1.2 0.74
D  MT20  2.0x 4.0 Ctr-1.2 0.96

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

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

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

3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
  pattern.  (1/2" bolts -OR-
  SDS4.5 screws -OR- 16d nails
  as each layer is applied.)
          ----Spacing (In)----
    Rows  Nails  Screws  Bolts
  TC  1     12      24       0
  BC  2     12    18.5       0
  WB  1      8       8
  No bolts in 2x4s or smaller.
Plus clusters of nails where
  shown.
OH Loading
  Soffit psf 2.0
Design checked for 10 psf non-
  concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          110 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:          5.0 psf
  BC Dead Load:          5.0 psf
Max comp. force    12677 Lbs
Max tens. force    11719 Lbs
Quality Control Factor 1.25
```


Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	B2	1	HIPP	200000	5	1- 6- 0	1- 6- 0	T2849021

MONK RESIDENCE



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.285" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 124.5 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.24	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
WB	0.16	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	20- 0- 0
BC	Cont.	0- 0- 0	20- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	896	123 U	62 R
D	896	123 U	62 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -I	0.24	1532 C	0.10 0.14
I -B	0.21	1069 C	0.07 0.14
B -C	0.12	1037 C	0.07 0.05
C -J	0.21	1069 C	0.07 0.14
J -D	0.24	1532 C	0.10 0.14
--------Bottom Chords---------			
A -H	0.30	1416 T	0.23 0.07
H -K	0.32	1416 T	0.23 0.09
K -G	0.32	1416 T	0.23 0.09
G -D	0.30	1416 T	0.23 0.07
------------Webs------------			
H -I	0.02	188 T	
I -K	0.16	467 C	
B -K	0.04	248 T	
K -C	0.04	248 T	
K -J	0.16	467 C	
G -J	0.02	188 T	

TL Defl -0.10" in H -K L/999
LL Defl -0.05" in H -K L/999
Shear // Grain in A -I 0.16

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.79
I	MT20	3.0x 4.0	Ctr	Ctr	0.56
B	MT20	4.0x 4.0	Ctr	Ctr	0.85
C	MT20	4.0x 4.0	Ctr	Ctr	0.85
J	MT20	3.0x 4.0	Ctr	Ctr	0.56
D	MT20	3.0x 4.0	Ctr	Ctr	0.79
H	MT20	2.0x 4.0	Ctr	Ctr	0.38
K#	MT20	5.0x12.0	Ctr	-0.5	0.57
G	MT20	2.0x 4.0	Ctr	Ctr	0.38

\# = Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

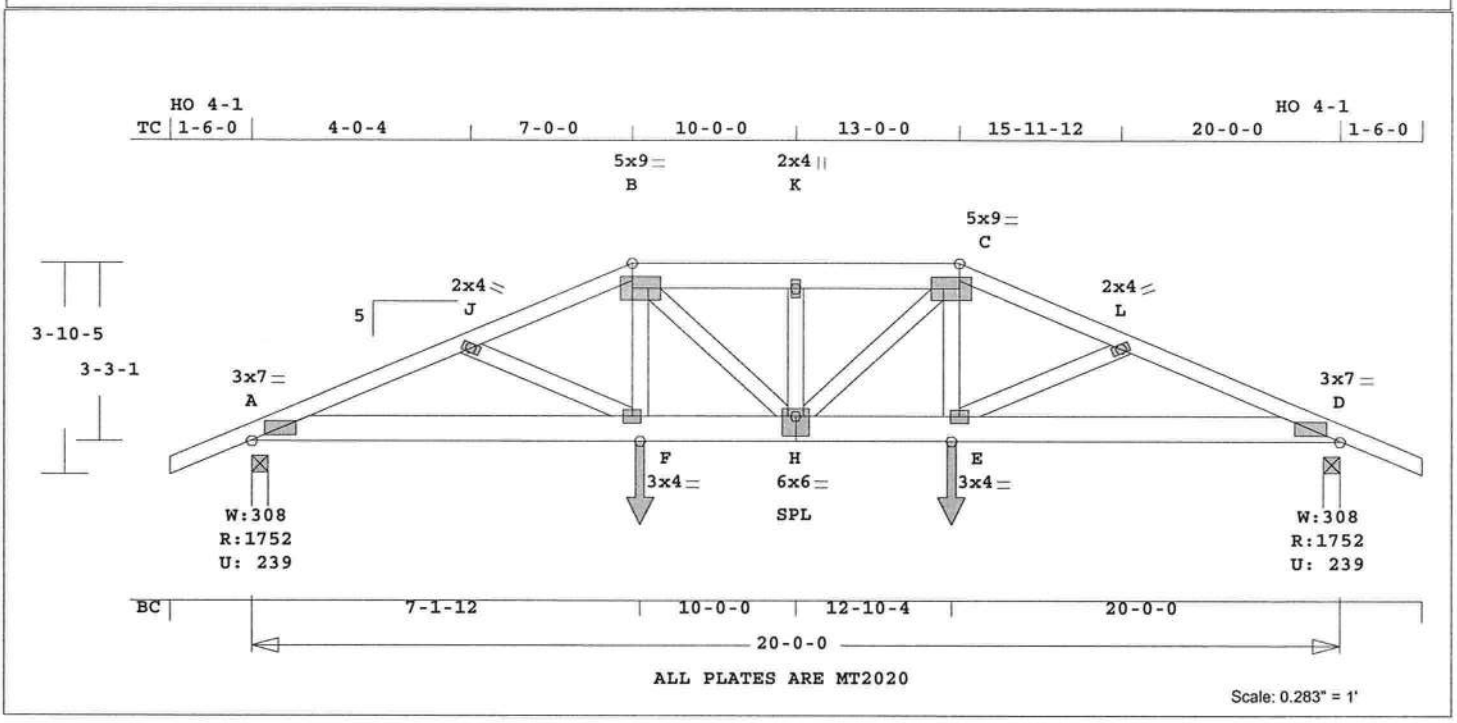
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1532 Lbs
Max tens. force 1416 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	*Engineering*
kh-80104	*B3*	1	HIPP	200000	5	1- 6- 0	1- 6- 0	*T2849022*

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 148.0 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.50	2x 4	SP-#2
--	0.27	2x 6	SP-#2
	B -C		
BC	0.65	2x 6	SP-#2
WB	0.12	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	20- 0- 0
BC	Cont.	0- 0- 0	20- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1752	240 U	47 R
D	1752	240 U	47 R

Jt	Brg Size	Required
A	3.5"	2.1"
D	3.5"	2.1"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	20.0'
BC V	20	0	0.0'	20.0'
TC V	25	50	7.0'	13.0'
BC V	25	0	7.1'	12.9'
BC V	280	280	7.1'	CL-LB
BC V	280	280	12.9'	CL-LB

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -J	0.36	3691 C	0.26 0.10
J -B	0.50	3557 C	0.10 0.40
B -K	0.27	3782 C	0.19 0.08
K -C	0.27	3782 C	0.19 0.08
C -L	0.50	3557 C	0.10 0.40
L -D	0.36	3691 C	0.26 0.10
--------Bottom Chords---------			
A -F	0.65	3400 T	0.45 0.20
F -H	0.52	3287 T	0.43 0.09
H -E	0.52	3287 T	0.43 0.09
E -D	0.65	3400 T	0.45 0.20
------------Webs------------			
J -F	0.02	190 T	
F -B	0.12	665 T	
B -H	0.12	674 T	
H -K	0.07	656 C	
H -C	0.12	674 T	
E -C	0.12	665 T	
E -L	0.02	190 T	

TL Defl -0.24" in H -E L/970
LL Defl -0.12" in H -E L/999
Shear // Grain in B -K 0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 7.0	Ctr	Ctr	0.87
J	MT20	2.0x 4.0	Ctr	Ctr	0.37
B	MT20	5.0x 9.0	Ctr	Ctr	0.99
K	MT20	2.0x 4.0	Ctr	Ctr	0.38
C	MT20	5.0x 9.0	Ctr	Ctr	0.99
L	MT20	2.0x 4.0	Ctr	Ctr	0.37
D	MT20	3.0x 7.0	Ctr	Ctr	0.87
F	MT20	3.0x 4.0	Ctr	Ctr	0.51
H	MT20	6.0x 6.0	Ctr-1.2		0.64
E	MT20	3.0x 4.0	Ctr	Ctr	0.51

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3782 Lbs
Max tens. force 3400 Lbs
Quality Control Factor 1.25

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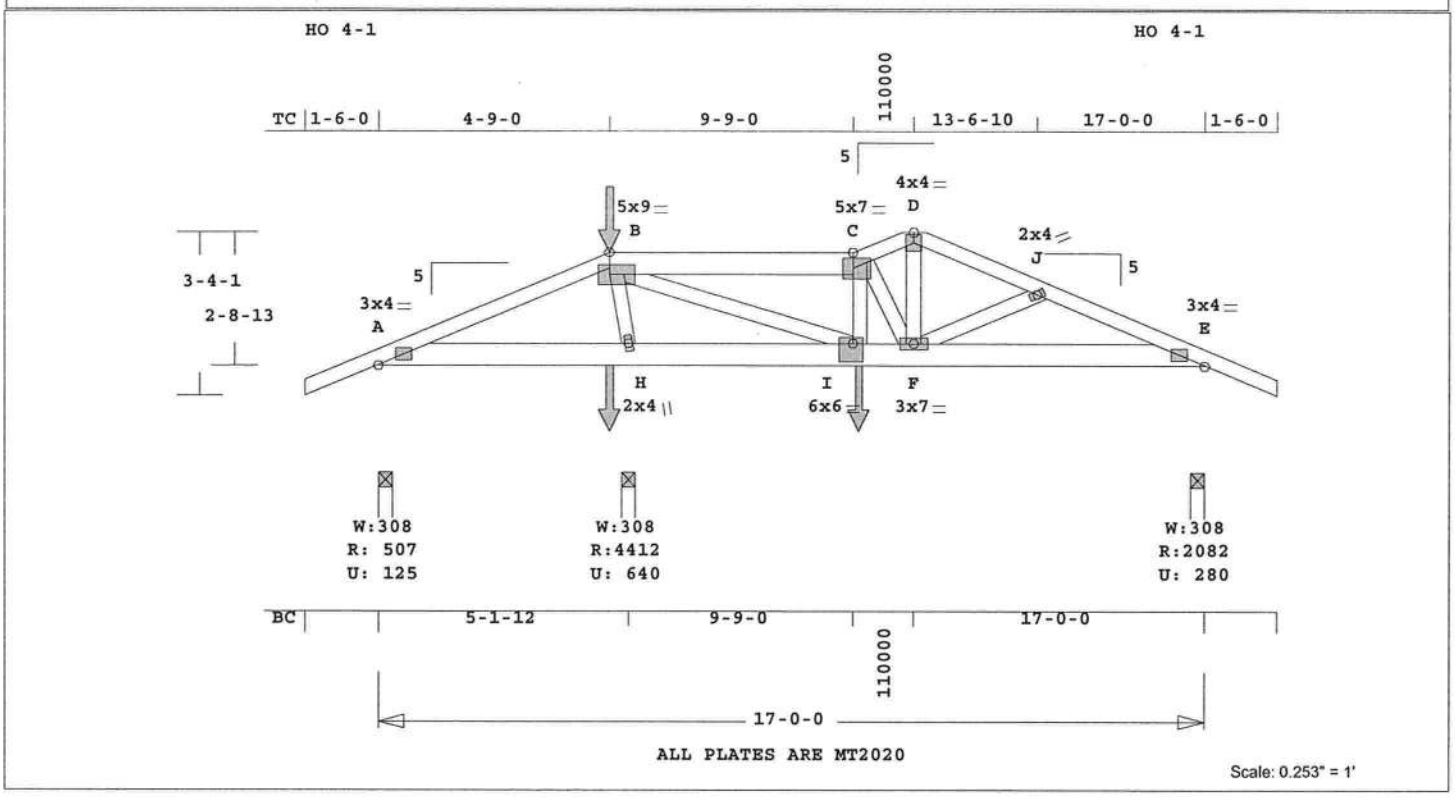
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	C1	1*2P	SP	170000	5	1- 6- 0	1- 6- 0	T2849023

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 121.4 LBS

```
Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08
***************
* 2-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.43  2x 6  SP-#2
--  0.36  2x 4  SP-#2
    A -B   C -D   D -E
BC  0.73  2x 6  SP-#2
WB  0.51  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 17- 0- 0
 BC  Cont.    0- 0- 0 17- 0- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    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

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A    507   125 U    36 R
H   4413   640 U
E   2082   281 U    37 R

Jt   Brg Size   Required
A       3.5"       1.5"
H       3.5"       2.4"
E       3.5"       1.5"

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  17.0'
BC V    20     0   0.0'  17.0'
BC V   277   277   5.0'   9.0'
BC V   103   103   4.8'  CL-LB
TC V   153   153   4.8'  CL-LB
BC V  1364  1364   9.9'  CL-LB

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

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -B  0.36  1028 C  0.00  0.36
B -C  0.43  5975 C  0.03  0.40
C -D  0.25  4526 C  0.17  0.08
D -J  0.21  4460 C  0.16  0.05
J -E  0.22  4572 C  0.18  0.04
--------Bottom Chords---------
A -H  0.73   885 T  0.05  0.68
H -I  0.72   698 T  0.04  0.68
I -F  0.52  5905 T  0.39  0.13
F -E  0.37  4209 T  0.28  0.09
-------------Webs-------------
B -H  0.09  2058 C
B -I  0.51  5560 T
I -C  0.13  1550 T
C -F  0.17  3651 C
F -D  0.31  3405 T
F -J  0.01   174 T

TL Defl  -0.17" in H -I  L/826
LL Defl  -0.08" in H -I  L/999
Shear // Grain  in H -I   0.68

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  3.0x 4.0 Ctr Ctr 0.78
B  MT20  5.0x 9.0 Ctr Ctr 0.90
C  MT20  5.0x 7.0 1.0 Ctr 0.69
D  MT20  4.0x 4.0 Ctr Ctr 0.77
J  MT20  2.0x 4.0 Ctr Ctr 0.37
E  MT20  3.0x 4.0 Ctr Ctr 0.94
H  MT20  2.0x 4.0 Ctr Ctr 0.37
I  MT20  6.0x 6.0-0.5-1.5 0.91
F  MT20  3.0x 7.0 Ctr Ctr 0.85

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

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.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          110 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:          5.0 psf
  BC Dead Load:          5.0 psf
User-defined wind-exposed BC
  regions  --From--   ---To---
           0- 0- 0    5- 1-12
Max comp. force     5975 Lbs
Max tens. force     5905 Lbs
Quality Control Factor 1.25
```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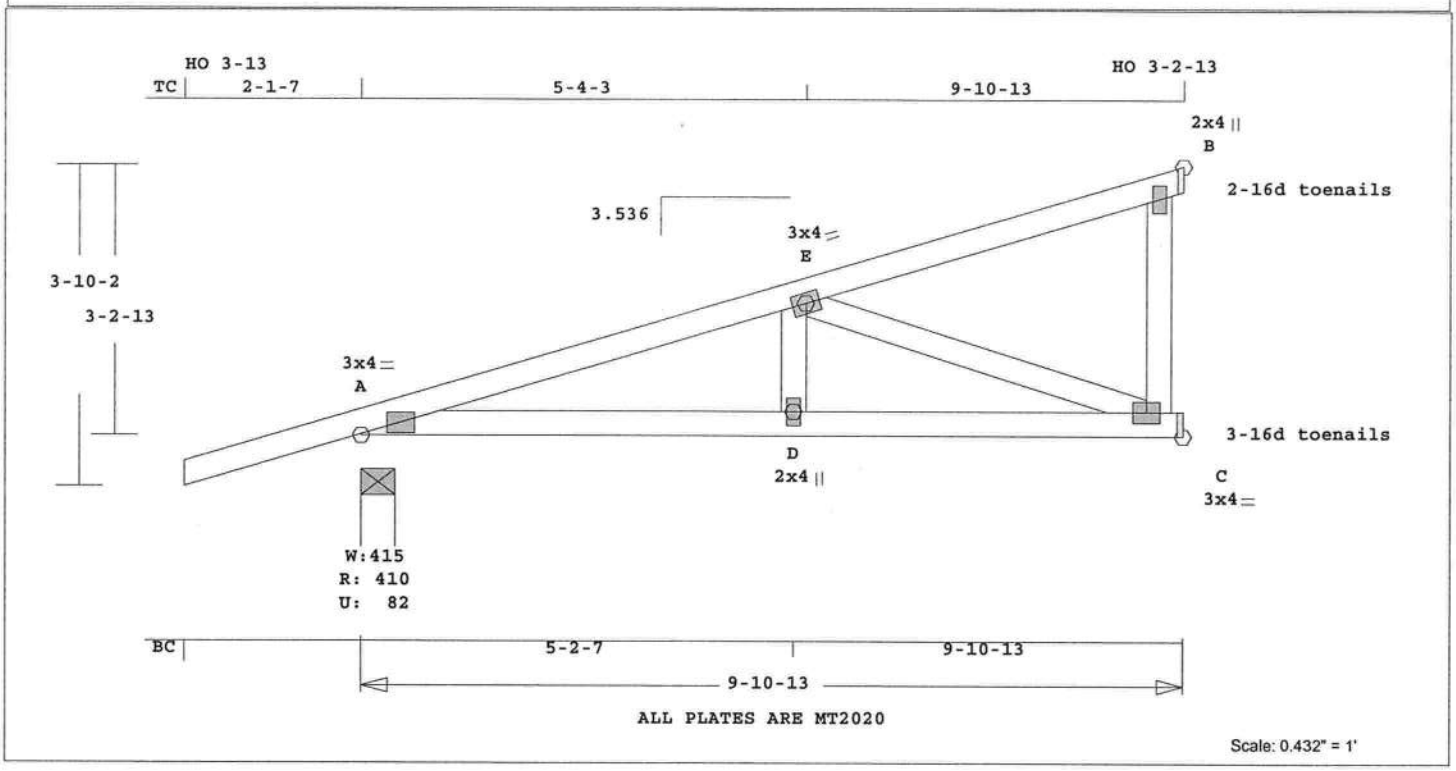
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	*Engineering*
kh-80104	***CJ1***	4	MONO.DD	91013	3.536	2- 1- 7	0	*T2849024*

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.0 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live	
TC	10.0	20.0	
BC	10.0	0.0	
TC+BC	20.0	20.0	
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	411	82 U	77 R
C	349	5 U	
B	237	82 U	105 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.30	735 C	0.04 0.26
E -B	0.36	64 T	0.00 0.36
--------Bottom Chords---------			
A -D	0.23	719 T	0.08 0.15
D -C	0.27	719 T	0.08 0.19
------------Webs------------			
D -E	0.03	234 T	
E -C	0.20	762 C	
C -B	0.03	0 T	WindLd

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

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.67
E	MT20	3.0x 4.0	Ctr	Ctr	0.42
B	MT20	2.0x 4.0	Ctr	Ctr	0.38
D	MT20	2.0x 4.0	Ctr	Ctr	0.38
C	MT20	3.0x 4.0	Ctr	Ctr	0.54

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 762 Lbs
Max tens. force 719 Lbs
Quality Control Factor 1.25

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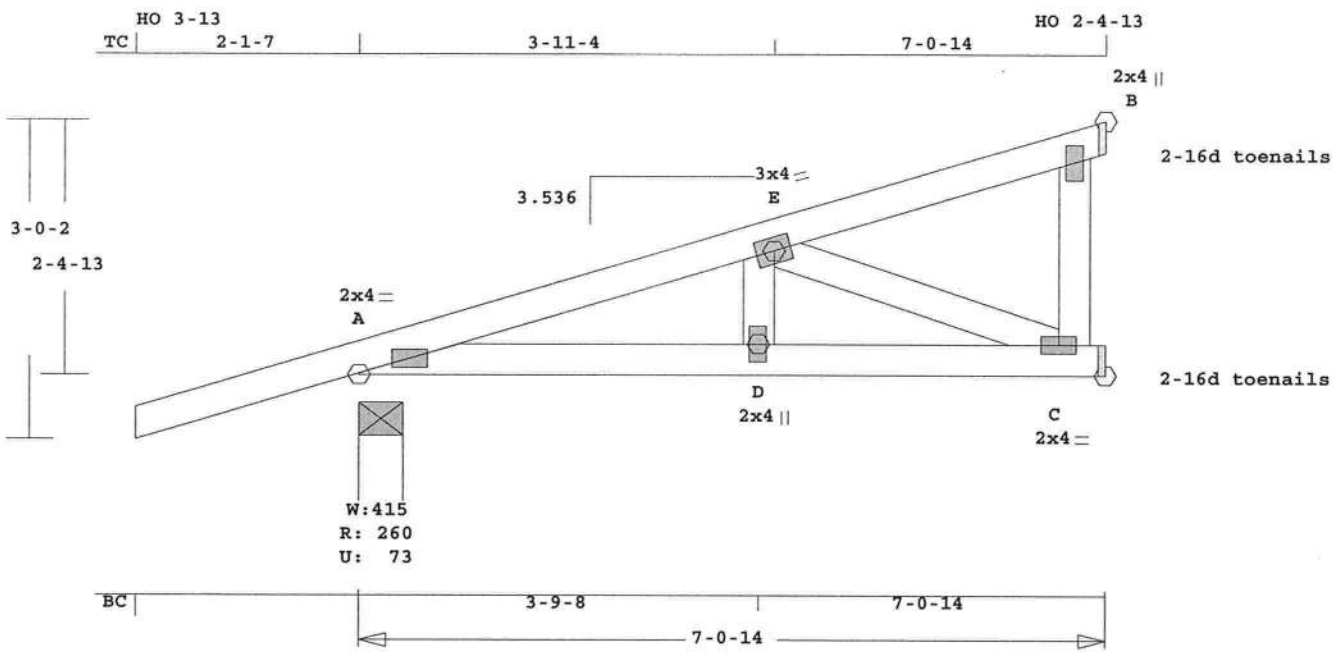
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-80104	CJ2	2	MONO.DD	70014	3.536	2- 1- 7	0	T2849025

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 42.0 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.15	2x 4	SP-#2
BC	0.09	2x 4	SP-#2
WB	0.04	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	7- 0-14
BC	Cont.	0- 0- 0	7- 0-14

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	260	74 U	48 R
C	166	2 U	
B	117	39 U	59 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	7.1'
BC V	20	0	0.0'	7.1'
TC V	-20	-40	0.0'	
	8	17		7.1'
BC V	-20	0	0.0'	
	8	0		7.1'

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.11	316 C	0.02 0.09
E -B	0.15	35 T	0.00 0.15
--------Bottom Chords---------			
A -D	0.06	308 T	0.05 0.01
D -C	0.09	308 T	0.05 0.04
------------Webs------------			
D -E	0.01	104 T	
E -C	0.04	330 C	
C -B	0.01	0 T	WindLd

TL Defl -0.01" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in E -B 0.15

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.81
E	MT20	3.0x 4.0	Ctr	Ctr	0.39
B	MT20	2.0x 4.0	Ctr	Ctr	0.38
D	MT20	2.0x 4.0	Ctr	Ctr	0.38
C	MT20	2.0x 4.0	Ctr	Ctr	0.75

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 5- 0- 0
OH Loading
Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 330 Lbs
Max tens. force 308 Lbs
Quality Control Factor 1.25

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Robbins Engineering
6904 Parke East Blvd
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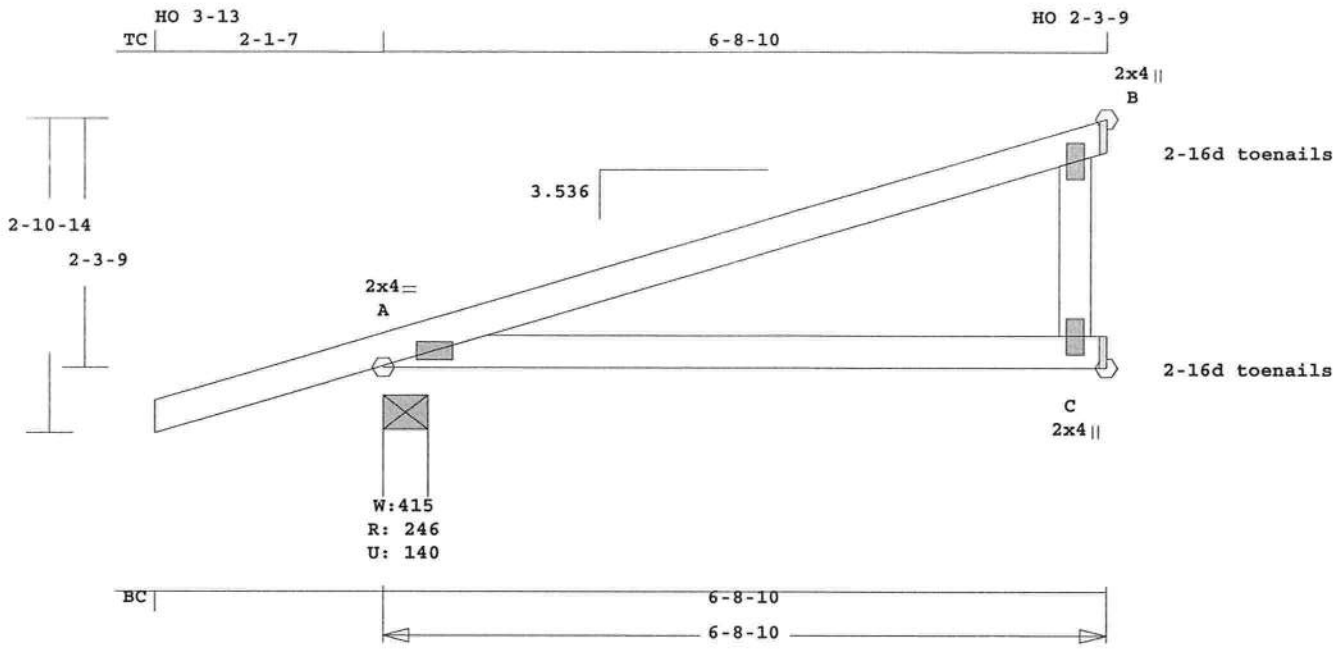
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
kh-80104	*CJ3*	1	JCA2.DD	60810	3.536	2- 1- 7	0	*T2849026*

MONK RESIDENCE



Scale: 0.559" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.4 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.50	2x 4	SP-#2
BC	0.57	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	6- 8-10
BC	Cont.	0- 0- 0	6- 8-10

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	246	140 U	52 R
C	117	40 U	54 R
B	172	66 U	

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	6.7'
BC V	20	0	0.0'	6.7'
TC V	-20	-40	0.0'	
	7	13		6.7'
BC V	-20	0	0.0'	
	7	0		6.7'

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.50	46 C	0.00 0.50
--------Bottom Chords---------			
A -C	0.57	53 T	0.00 0.57
------------Webs-------------			
C -B	0.01	0 T	WindLd

TL Defl -0.09" in A -C L/810
LL Defl -0.04" in A -C L/999
Shear // Grain in A -B 0.26

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.80
B	MT20	2.0x 4.0	Ctr	Ctr	0.38
C	MT20	2.0x 4.0	Ctr	Ctr	0.38

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 4- 9- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02

Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 6- 8-10
Max comp. force 46 Lbs
Max tens. force 53 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
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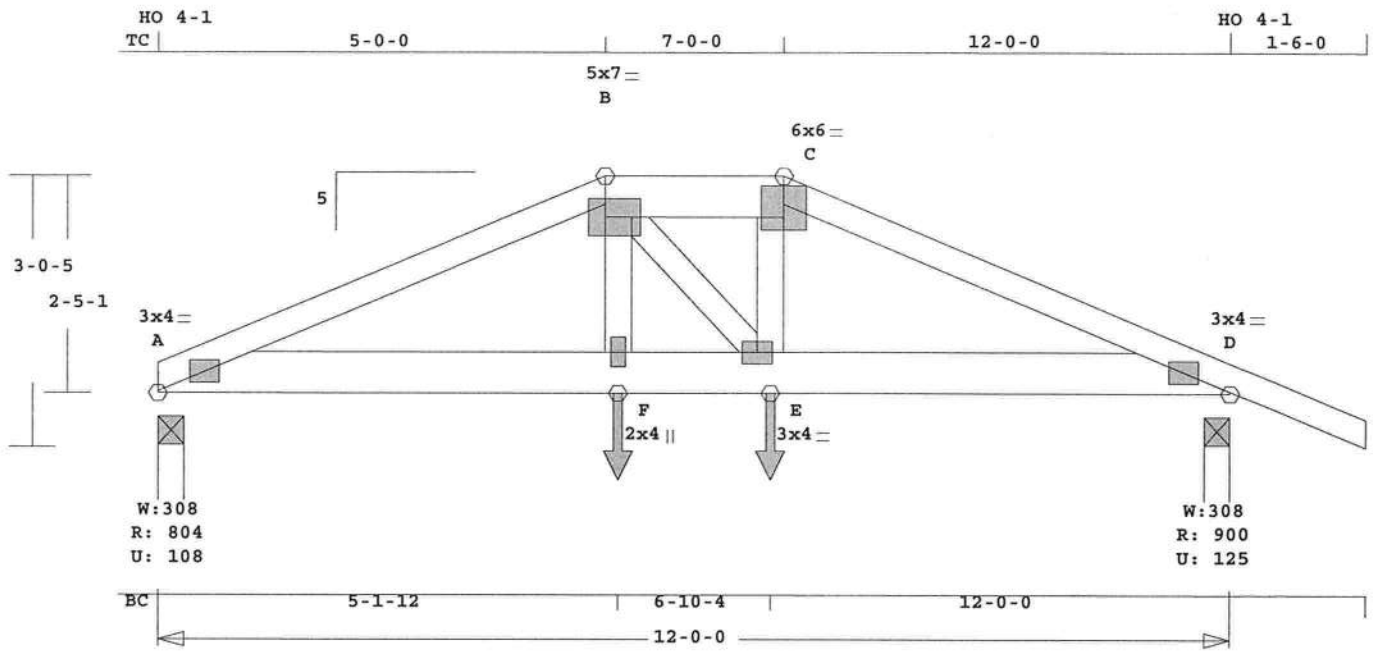
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	D1	1	HIPP	120000	5	0	1- 6- 0	T2849027

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 73.2 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.31	2x 4	SP-#2
--	0.16	2x 6	SP-#2
	B -C		
BC	0.32	2x 6	SP-#2
WB	0.06	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	804	109 U	1 R
D	900	125 U	

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	12.0'
BC V	20	0	0.0'	12.0'
TC V	15	30	5.0'	7.0'
BC V	15	0	5.1'	6.9'
BC V	133	133	5.1'	CL-LB
BC V	133	133	6.9'	CL-LB

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

Membr CSI P Lbs Axl-CSI-Bnd

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

A -B	0.31	1560	C	0.15	0.16
B -C	0.16	1482	C	0.11	0.05
C -D	0.31	1597	C	0.16	0.15

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

A -F	0.32	1449	T	0.19	0.13
F -E	0.25	1432	T	0.19	0.06
E -D	0.30	1482	T	0.19	0.11

------------Webs------------

F -B	0.05	307	T
B -E	0.01	73	T
E -C	0.06	354	T

TL Defl -0.07" in A -F L/999
LL Defl -0.03" in A -F L/999
Shear // Grain in A -B 0.17

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.78
B	MT20	5.0x 7.0-0.5	Ctr		0.89
C	MT20	6.0x 6.0	Ctr-0.5		0.43
D	MT20	3.0x 4.0	Ctr	Ctr	0.78
F	MT20	2.0x 4.0	Ctr	Ctr	0.38
E	MT20	3.0x 4.0	Ctr	Ctr	0.43

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1597 Lbs
Max tens. force 1482 Lbs
Quality Control Factor 1.25

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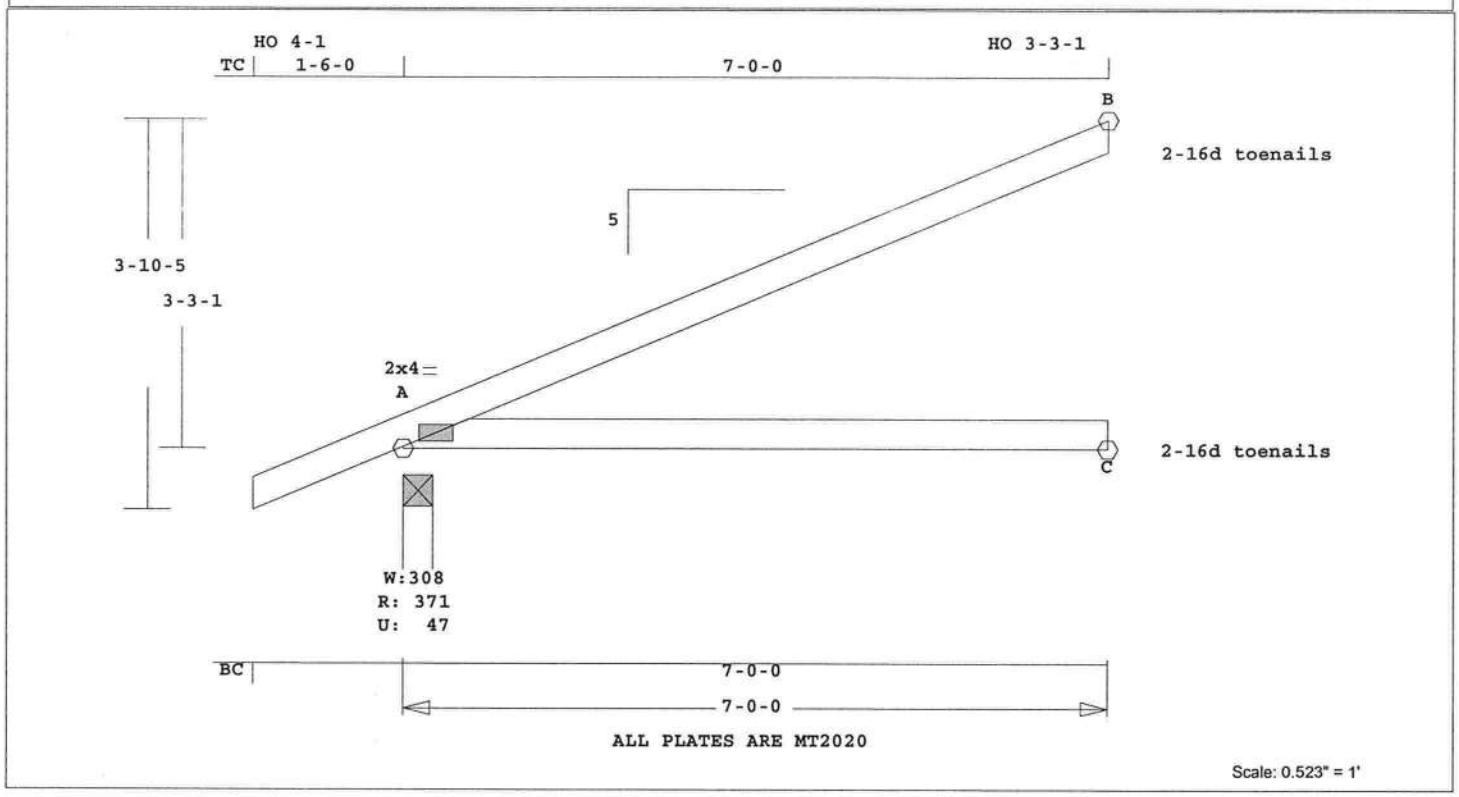
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
kh-80104	*J1*	27	JCA2	70000	5	1- 6- 0	0	*T2849028*

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 30.8 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.48	2x 4	SP-#2
BC	0.38	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	372	48 U	235 R
C	131		
B	196	77 U	60 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.48	133 C	0.00 0.48
--------Bottom Chords---------			
A -C	0.38	0 T	0.00 0.38

TL Defl -0.18" in A -C L/432
LL Defl -0.07" in A -C L/999
Shear // Grain in A -B 0.26

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.73

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 133 Lbs
Max tens. force 36 Lbs
Quality Control Factor 1.25

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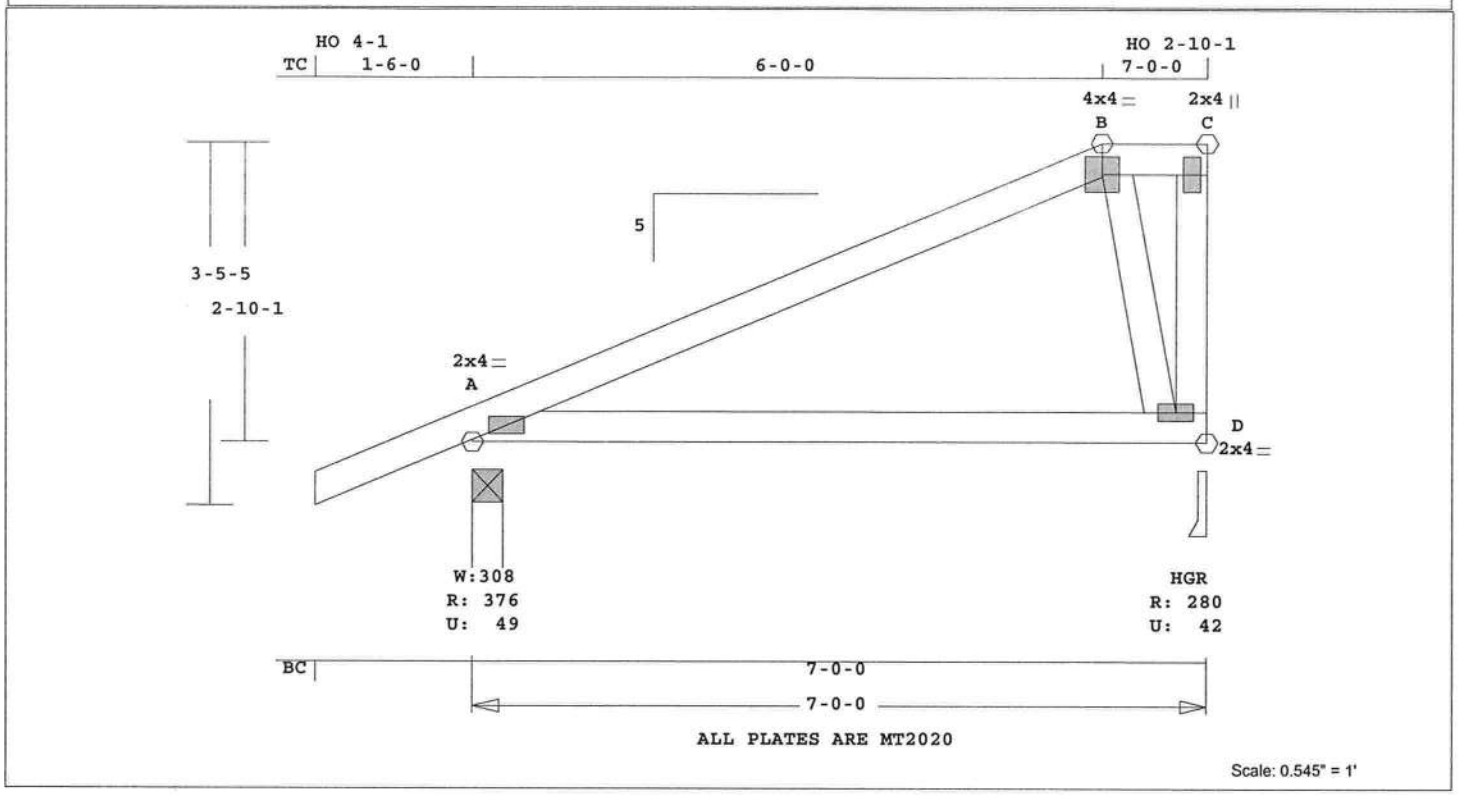
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	J1A	1	HHIP	70000	5	1- 6- 0	0	T2849029

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 39.4 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.06	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	376	49 U	76 R
D	280	42 U	89 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.34	93 C	0.01 0.33
B -C	0.15	62 T	0.00 0.15
--------Bottom Chords---------			
A -D	0.28	92 T	0.00 0.28
------------Webs------------			
B -D	0.06	456 T	

D -C 0.02 144 C WindLd

TL Defl -0.16" in A -D L/493
LL Defl -0.07" in A -D L/999
Shear // Grain in A -B 0.25

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.73
B	MT20	4.0x 4.0	Ctr	Ctr	0.62
C	MT20	2.0x 4.0	Ctr	Ctr	0.38
D	MT20	2.0x 4.0	Ctr	Ctr	0.75

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

Max comp. force 326 Lbs
Max tens. force 456 Lbs
Quality Control Factor 1.25

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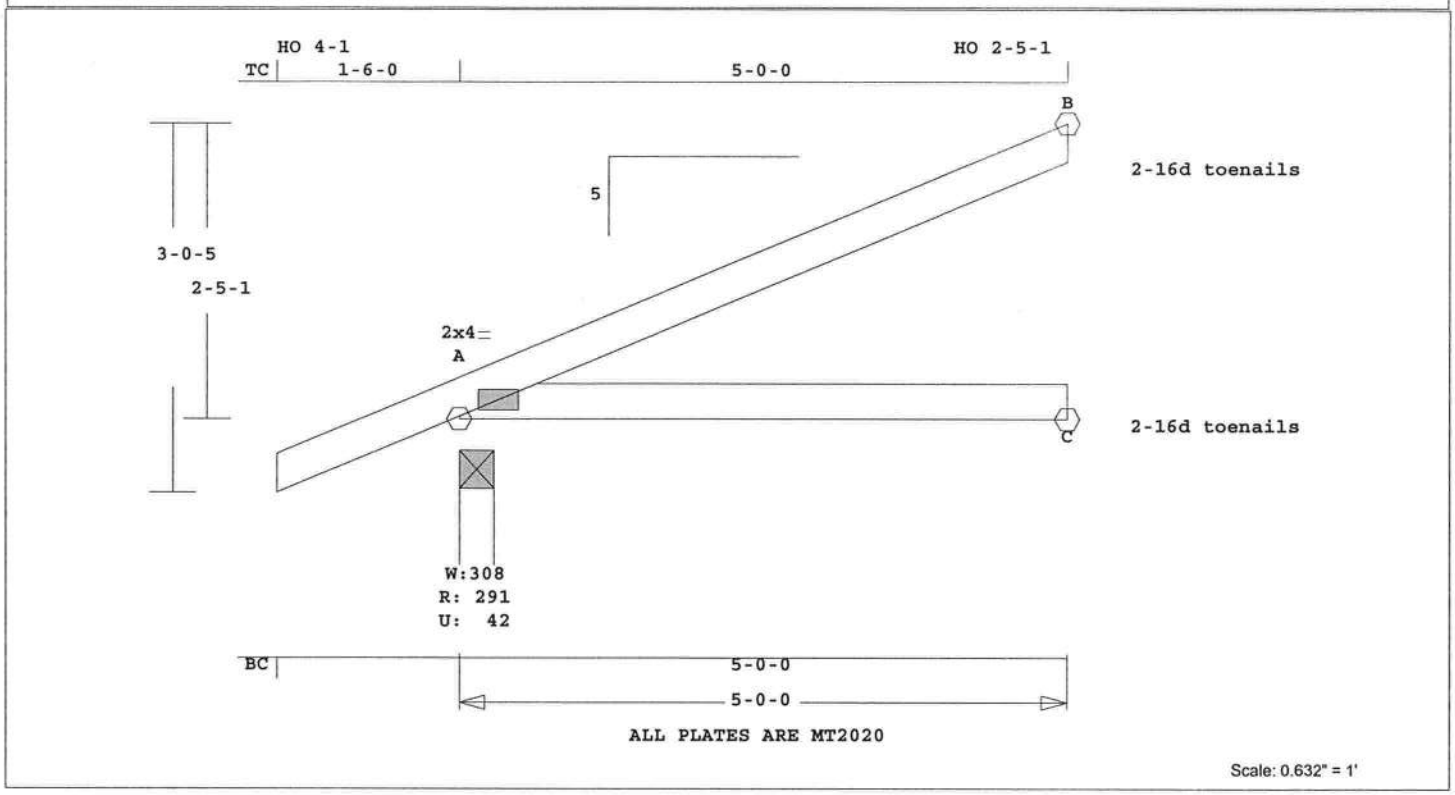
January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
kh-80104	*J2*	10	JCA2	50000	5	1- 6- 0	0	*T2849030*

MONK RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.0 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.28	2x 4	SP-#2
BC	0.23	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	292	43 U	194 R
C	93		
B	141	55 U	43 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.28	109 C	0.00 0.28
--------Bottom Chords---------			
A -C	0.23	0 T	0.00 0.23

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.69

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 109 Lbs

Max tens. force 25 Lbs
Quality Control Factor 1.25

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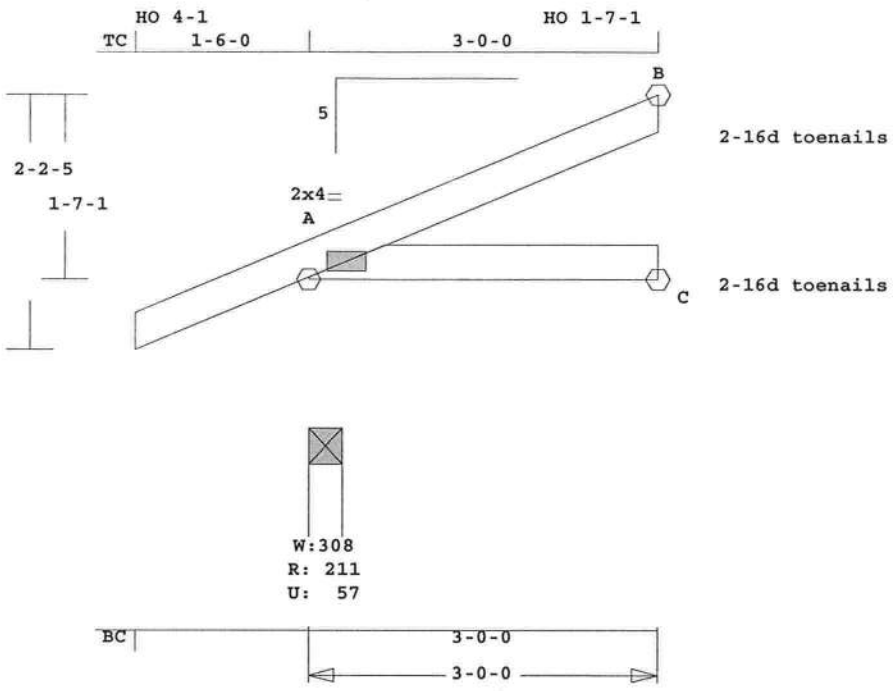
January 10,2008

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
kh-80104	*J3*	14	JCA2	30000	5	1- 6- 0	0	*T2849031*

MONK RESIDENCE



ALL PLATES ARE MT2020

Scale: 0.602" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.1 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

	CSI	-Size-	----Lumber----
TC	0.13	2x 4	SP-#2
BC	0.13	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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	211	57 U	142 R
C	55	19 U	
B	87	39 U	25 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.13	80 C	0.00 0.13
--------Bottom Chords---------			
A -C	0.13	0 T	0.00 0.13

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.14

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.68

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

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

regions	--From--	---To---
	0- 0- 0	3- 0- 0
Max comp. force		80 Lbs
Max tens. force		15 Lbs

Quality Control Factor 1.25

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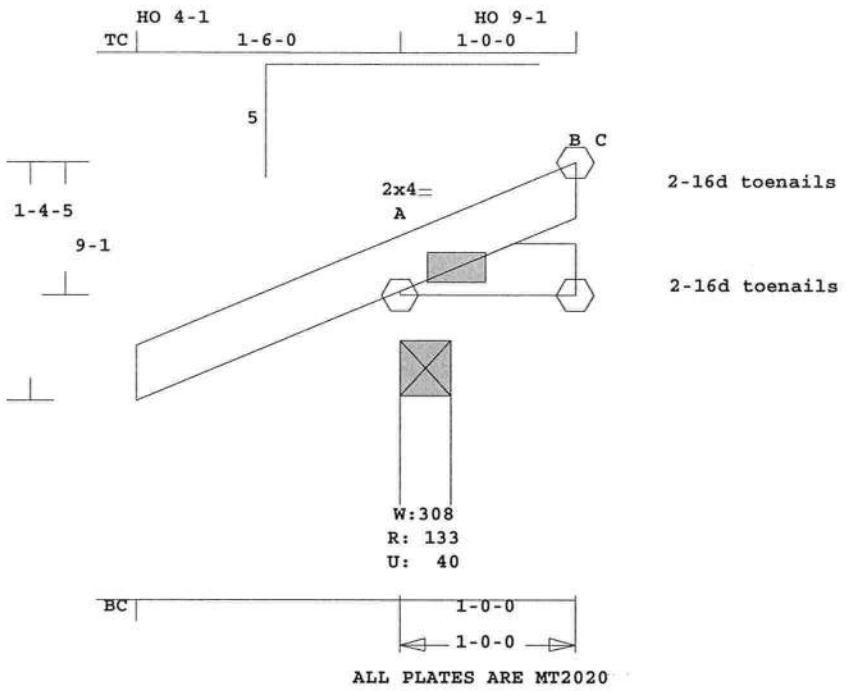
January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	*Engineering*
kh-80104	*J4*	14	JCA2	10000	5	1- 6- 0	0	*T2849032*

MONK RESIDENCE



ALL PLATES ARE MT2020

Scale: 0.909" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.2 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	133	40 U	47 R
B	26	12 U	
C	18	8 U	8 R

Jt	Brg Size	Required
A	3.5"	1.5"
B	1.5"	1.5"
C	1.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.01	25 C	0.00 0.01
--------Bottom Chords---------			
A -C	0.01	7 T	0.00 0.01

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in B -B 0.05

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.68

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

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

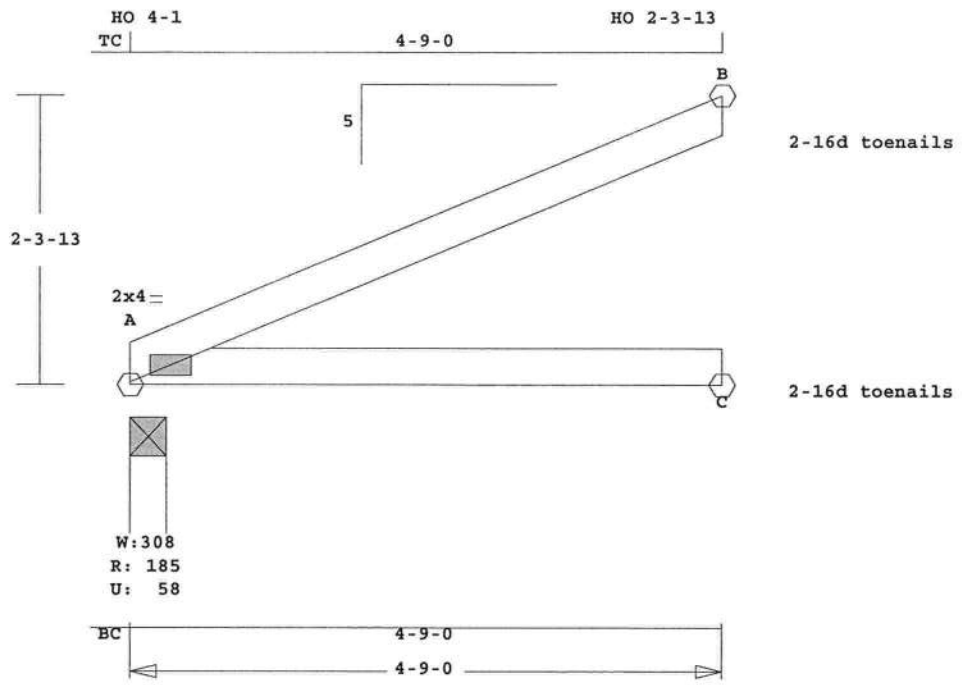
regions	--From--	---To---
	0- 0- 0	1- 0- 0
Max comp. force		25 Lbs
Max tens. force		7 Lbs
Quality Control Factor		1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
kh-80104	*J5*	1	JCA2	40900	5	0	0	*T2849033*

MONK RESIDENCE



ALL PLATES ARE MT2020

Scale: 0.646" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 18.9 LBS

Online Plus -- Version 21.5.041
RUN DATE: 10-JAN-08

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

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4- 9- 0
BC	Cont.	0- 0- 0	4- 9- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	186	58 U	192 R
C	88	31 U	
B	135	60 U	40 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -B	0.35	118 C	0.00 0.35
Bottom Chords			
A -C	0.35	0 T	0.00 0.35

TL Defl -0.03" in A -C L/999
LL Defl -0.01" in A -C L/999
Shear // Grain in A -B 0.23

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2.0x 4.0	Ctr	Ctr	0.68

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 4- 9- 0

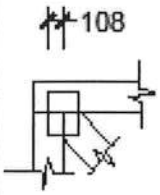
Max comp. force 118 Lbs
Max tens. force 24 Lbs
Quality Control Factor 1.25

Michael S. Magid, FL Lic. #53681
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

January 10,2008

ROBBINS ENG. GENERAL NOTES & SYMBOLS

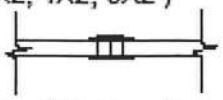
PLATE LOCATION



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

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



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

LATERAL BRACING

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

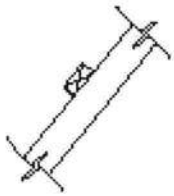
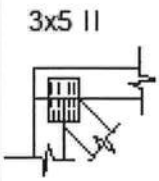


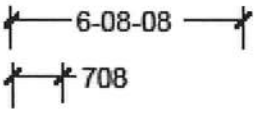
PLATE SIZE AND ORIENTATION

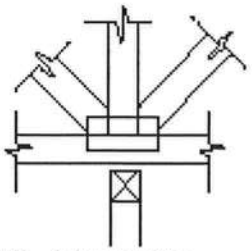


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

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





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

BEARING

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

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

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

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

Robbins Engineering, Inc.

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

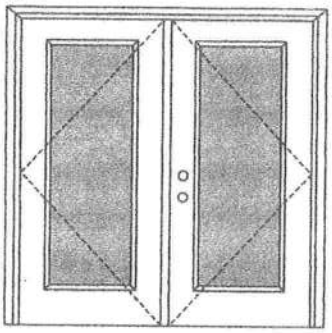
www.robbinseng.com

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

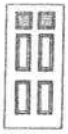
APPROVED DOOR STYLES:

1/4 GLASS:


100 Series

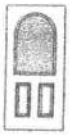

133, 135 Series


136 Series


680 Series

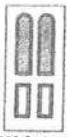

822 Series

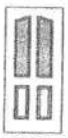
1/2 GLASS:


105 Series*


106, 160 Series*


129 Series*


200 Series*


12 R/L, 23 R/L, 24 R/L Series*


107 Series*


108 Series


304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

Exclusively from

XX
Glazed Outswing Unit

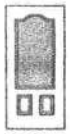
COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

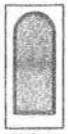
3/4 GLASS:

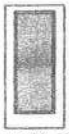

404 Series

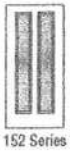

410 Series

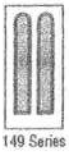

450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthy

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

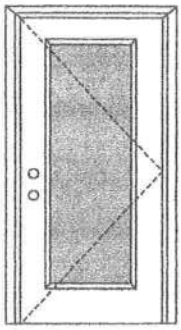
Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

X
Glazed Outswing Unit

COP-WL-JH4161-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure

+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0011-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

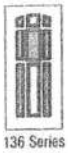
Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series

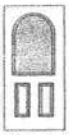

133, 135 Series

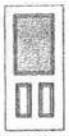

136 Series

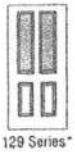

680 Series

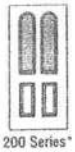

822 Series

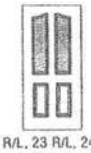
1/2 GLASS:

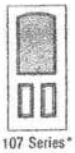

105 Series*


106, 160 Series*


129 Series*


200 Series*


12 R/L, 23 R/L, 24 R/L Series*


107 Series*


108 Series


304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

PREMDOR Collection

Exclusively from Masonite®

X
Glazed Outswing Unit

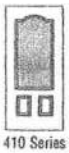
COP-WL-JH4161-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

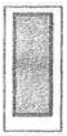

404 Series

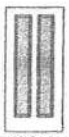

410 Series

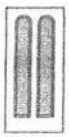

450 Series

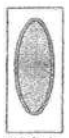
FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthy

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson™ EntrySystems

PREMDOR Collection

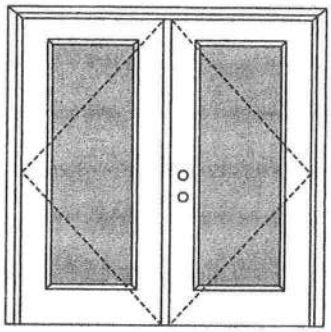
Exclusively from Masonite

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door
Maximum unit size = 6'0" x 6'8"

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

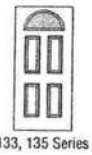
MINIMUM INSTALLATION DETAIL:

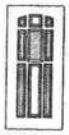
Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

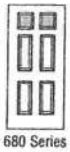
APPROVED DOOR STYLES:

1/4 GLASS:


100 Series

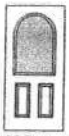

133, 135 Series

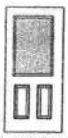

136 Series

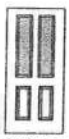

680 Series

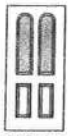

822 Series

1/2 GLASS:

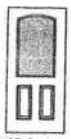

105 Series*


106, 160 Series*


129 Series*


200 Series*


12 R/L, 23 R/L, 24 R/L Series*


107 Series*


108 Series


304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

June 17, 2009

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®

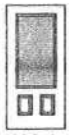
XX
Glazed Outswing Unit

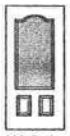
COP-WL-JH4162-02

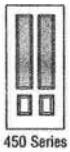
WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

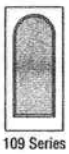
3/4 GLASS:

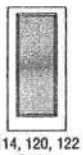

404 Series


410 Series


450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson™ EntrySystems

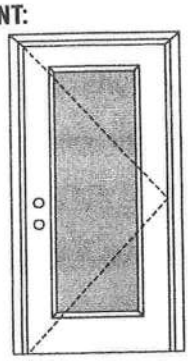
PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®

Glazed Outswing Unit

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0011-02 and MAD-WL-MA0041-02.

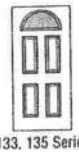
MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

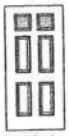
APPROVED DOOR STYLES:

1/4 GLASS:


100 Series

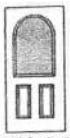

133, 135 Series

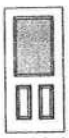

136 Series

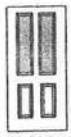

680 Series

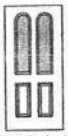

822 Series

1/2 GLASS:

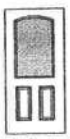

105 Series*


106, 160 Series*


129 Series*


200 Series*


12 R/L, 23 R/L, 24 R/L Series*


107 Series*


108 Series


304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

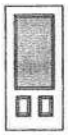
X
Glazed Outswing Unit

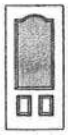
COP-WL-JH4161-02

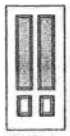
WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

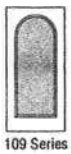
3/4 GLASS:

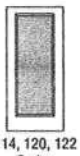

404 Series

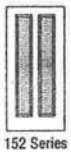

410 Series

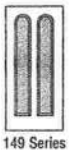

450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson™ EntrySystems

PREMDOR Collection

Exclusively from Masonite®

AAMA/NWWDA 101/I.S.2-97
TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650
TYPE: Aluminum Triple Single Hung Window

Title of Test	Summary of Results
AAMA Rating	H-R35 112 x 72
Uniform Load Deflection Test Pressure	+35.3 psf -47.2 psf
Operating Force	25 lb max.
Air Infiltration	0.16 cfm/ft^2
Water Resistance Test Pressure	5.25 psf
Uniform Load Structural Test Pressure	+53.0 psf -52.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to ATI Report No. 01-41641.01 for complete test specimen description and data.

ALLEN N. REEVES
NO. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
P.O. Box 370
650 West Market Street
Gratz, Pennsylvania 17030-0370

Report No: 01-41641.01
Test Date: 05/13/02
And: 05/16/02
Report Date: 06/05/02
Expiration Date: 05/16/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on a Series/Model 650, aluminum triple single hung window at their facility located in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R35 112 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

Test Specimen Description:

Series/Model: 650

Type: Aluminum Triple Single Hung Window

Overall Size: 9' 3-1/2" wide by 5' 11-11/16" high

Active Sash Size (3): 3' 0-1/4" wide by 2' 10-3/4" high

Fixed Daylight Opening Size (3): 2' 8-1/4" wide by 2' 9-1/8" high

Screen Size (3): 2' 9-1/8" wide by 2' 11" high

Finish: All aluminum was painted white.

ALLEN N. REEVES
CERTIFICATE
NO. 19354
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700

Test Specimen Description: (Continued)

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" by 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. The meeting rail was secured to the frame utilizing two 1-1/4" screws. The mullions were secured utilizing four #8 x 1-1/4" screws through the head and sill into the mullion screw boss.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each stiles' screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Test Specimen Description: (Continued)

Hardware:

Description	Quantity	Location
Metal cam lock with keeper	1	Midspan of each active meeting rail with adjacent keepers
Plastic tilt latch	2	Each active sash meeting rail ends
Metal tilt pin	2	Each active sash bottom rail ends
Balance assembly	2	Each active sash contained one in each jamb
Screen plunger	2	Each screen contained two 4" from rail ends on top rail

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	25 lbs	30 lbs max.
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.16 cfm/ft^2	0.3 cfm/ft^2 max.

***Note #1**: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.*

Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage

Allen N. Reeves
7 JUNE 2002

ALLEN N. REEVES CERTIFICATE NO. 13254 STATE OF FLORIDA PROFESSIONAL ENGINEER

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.1.4.1	Uniform Load Deflection (ASTM E 330-97)		
	(Measurements reported were taken on the mullion)		
	(Loads were held for 52 seconds)		
	@ 15.0 psf (positive)	0.15"	0.41" max.
	@ 15.0 psf (negative)	0.29"	0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97)		
	(Measurements reported were taken on the mullion)		
	(Loads were held for 10 seconds)		
	@ 22.5 psf (positive)	0.01"	0.29" max.
	@ 22.5 psf (negative)	0.01"	0.29" max.
2.2. .6.2	Deglazing Test (ASTM E 987-88)		
	In operating direction at 70 lbs		
	Right sash, meeting rail	0.12"/25%	0.50"/100%
	Right sash, bottom rail	0.12"/25%	0.50"/100%
	Middle sash, meeting rail	0.12"/25%	0.50"/100%
	Middle sash, bottom rail	0.12"/25%	0.50"/100%
	Left sash, meeting rail	0.12"/25%	0.50"/100%
	Left sash, bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Right sash, right stile	0.06"/12%	0.50"/100%
	Right sash, left stile	0.06"/12%	0.50"/100%
	Middle sash, right stile	0.06"/12%	0.50"/100%
	Middle sash, left stile	0.06"/12%	0.50"/100%
	Left sash, right stile	0.06"/12%	0.50"/100%
	Left sash, left stile	0.06"/12%	0.50"/100%
2 .8	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Allen N. Reeves

ALLEN N. REEVES CERTIFICATE NO. 19354 STATE OF PROFESSIONAL ENGINEER

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
Optional Performance			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 5.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds)		
	@ 35.3 psf (positive)	0.46"*	0.41" max
	@ 47.2 psf (negative)	0.67"*	0.41" max
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds)		
	@ 53.0 psf (positive)	0.03"	0.29" max
	@ 52.5 psf (negative)	0.02"	0.29" max

**Exceeds L/175 for deflection, but meets all other test requirements.*

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:

Mark A. Hess
Technician

Allen N. Reeves, P.E.
Director - Engineering Services
7 JUNE 2002

ALLEN N. REEVES
CERTIFICATE
NO. 19354
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

MAH:nlb
01-41641.01

Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717 764 7700

REEVES
NO. 15354
STATE OF

Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

Description	Quantity	Location
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

ALLEN N. REEVES
CERTIFICATE
NO. 19[illegible]
STATE OF
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PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft^2	0.3 cfm/ft^2 max

***Note #1**: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.*

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 25.9 psf (positive)	0.42"*	0.26" max.
	@ 34.7 psf (negative)	0.43"*	0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 38.9 psf (positive)	0.02"	0.18" max.
	@ 52.1 psf (negative)	0.02"	0.18" max.

Allen N. Reeves

ALLEN N. REEVES ★ PROFESSIONAL ENGINEER ★ CERTIFICATE NO. 12357 ★ STATE OF

Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
Optional Performance			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.05"	0.18" max.
	@ 70.8 psf (negative)	0.05"	0.18" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

LEN N. REEVES
CERTIFICATE NO. 19554
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Allen N. R.

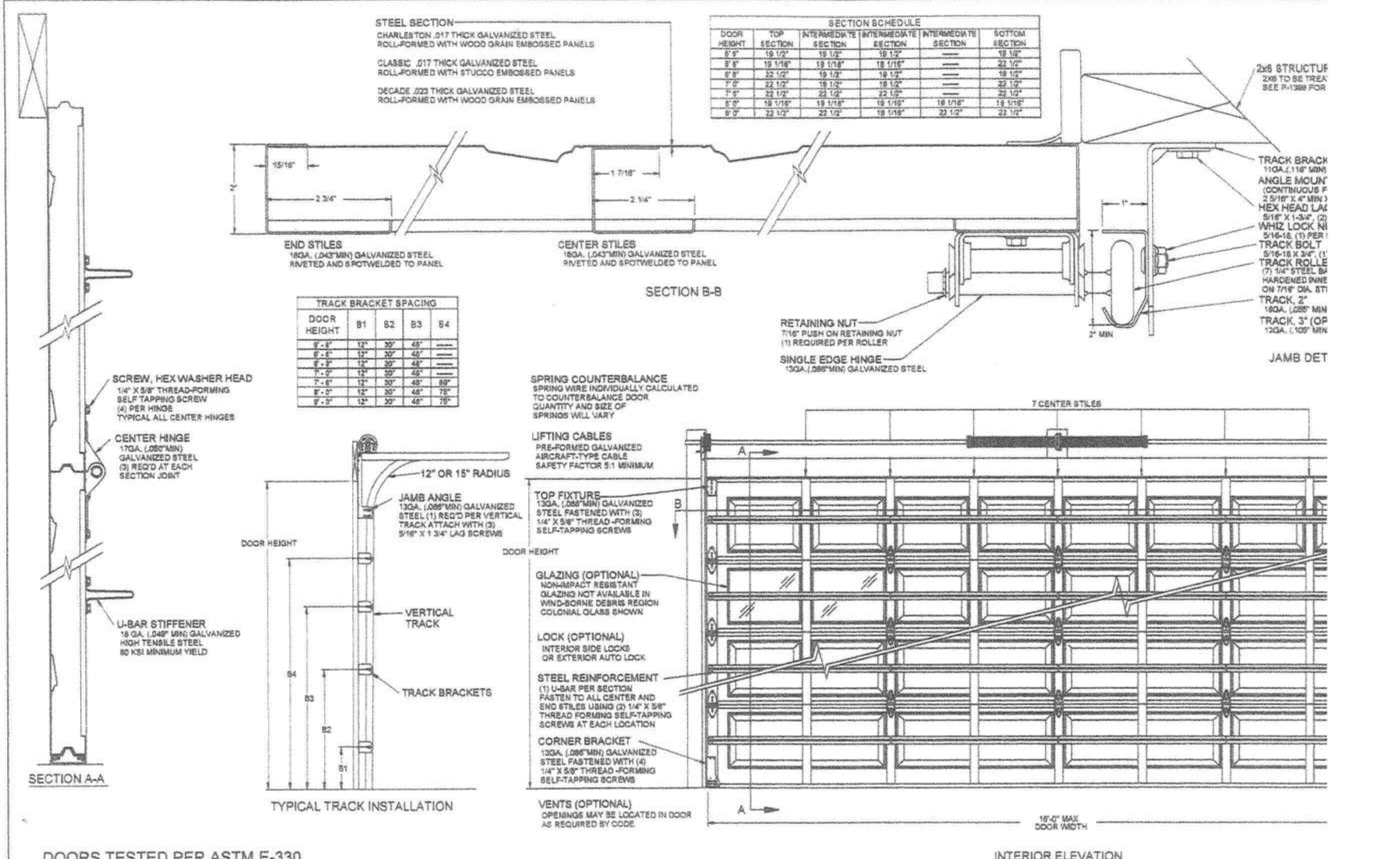
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:

Mark A. Hess
Technician

Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002

MAH:nlb
01-41134.01



SECTION SCHEDULE					
DOOR HEIGHT	TOP SECTION	INTERMEDIATE SECTION	INTERMEDIATE SECTION	INTERMEDIATE SECTION	BOTTOM SECTION
6' 0"	19 1/2"	19 1/2"	19 1/2"	—	19 1/2"
6' 6"	19 1/16"	19 1/16"	19 1/16"	—	22 1/2"
6' 9"	22 1/2"	19 1/2"	19 1/2"	—	19 1/2"
7' 0"	22 1/2"	19 1/2"	19 1/2"	—	22 1/2"
7' 6"	22 1/2"	22 1/2"	22 1/2"	—	22 1/2"
8' 0"	19 1/16"	19 1/16"	19 1/16"	19 1/16"	19 1/16"
9' 0"	22 1/2"	22 1/2"	19 1/16"	22 1/2"	22 1/2"

TRACK BRACKET SPACING				
DOOR HEIGHT	B1	B2	B3	B4
6' - 0"	12"	30"	48"	—
6' - 6"	12"	30"	48"	—
6' - 9"	12"	30"	48"	—
7' - 0"	12"	30"	48"	—
7' - 6"	12"	30"	48"	69"
8' - 0"	12"	30"	48"	78"
9' - 0"	12"	30"	48"	78"

INTERIOR ELEVATION

DOORS TESTED PER ASTM E-330

QTY OF CENTER STILES	CHARLESTON, CLASSIC, DECADE					
	NO GLASS PSF RATING		COLONIAL GLASS PSF RATING		RANCH GLASS PSF RATING	
	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-
7	+18.3 -20.4	+27.5 -30.6	+18.3 -20.4	+27.5 -30.6	N/A	N/A

REV.	DESCRIPTION	ECO	DATE
A	RELEASED FOR PRODUCTION	4719	07/13/04

SCALE: FULL
DRAWN BY: M. McCormick
CHECKED BY: G. Wedekind
DATE: 07/13/04
ECO: 4719

RAYNOR
1101 EAST RIVER ROAD
DIXON, IL 61021

TITLE: SI CI DI

NO. P-

AAMA/NWWDA 101/I.S.2-97
TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

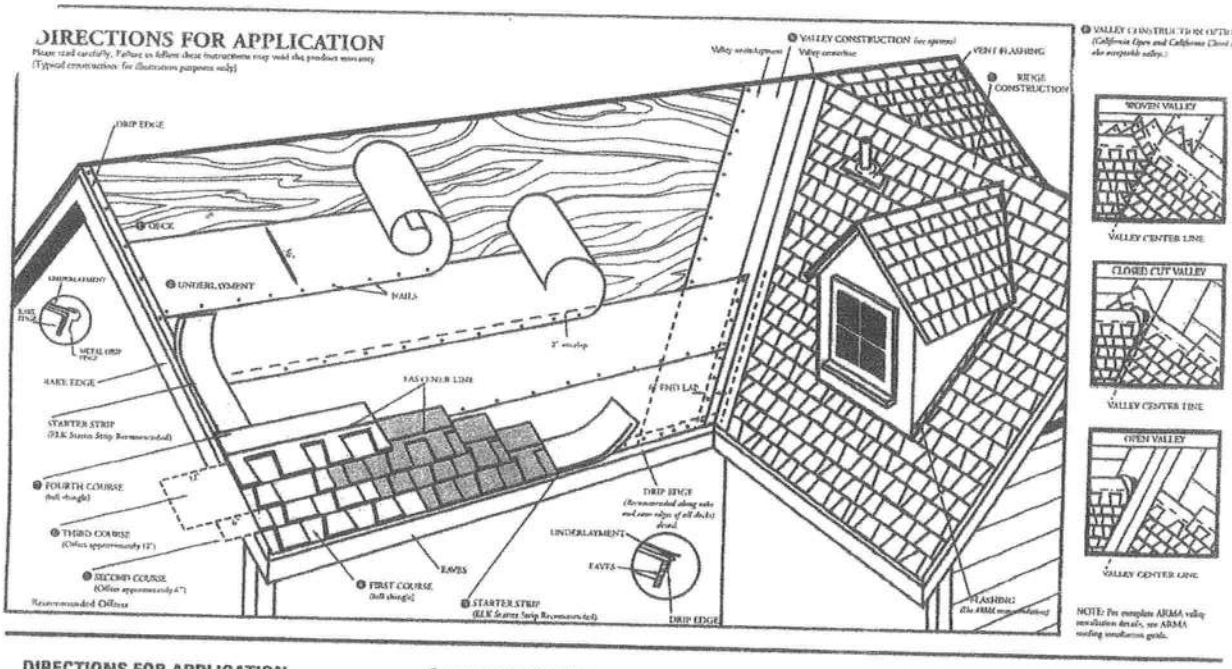
SERIES/MODEL: 650 Fin
TYPE: Aluminum Single Hung Window

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft^2
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

❶ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

❷ UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Versashield® or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope(2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

❸ STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

❶ FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof

❺ SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

❻ THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

❼ FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

❽ VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

❾ RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z²Ridge or Seal-A-Ridge® with formula *FLX*™ or RidgeCrest™ with *FLX* (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

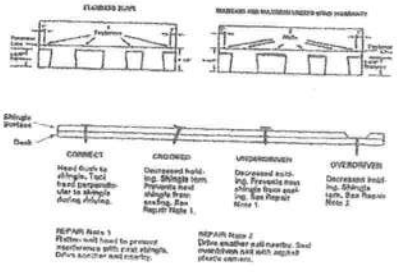
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

ELK
The Premium Choice
www.elkcorp.com

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ELK Roofing Products Specifications – Tuscaloosa, AL

PRESTIQUE®
HIGH DEFINITION®

RAISED PROFILE®

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13¼"x 39¼"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	11

50-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 110 mph***.

Prestique S *High Definition*

Product size	13¼"x 39¼"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	14

40-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 90 mph***

Prestique *High Definition*

Product size	13¼"x 38¾"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph.

Raised Profile

Product size	13¼"x 38¾"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 70 mph.

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/*FLX*™

Size: 12"x 12"
Exposure: 6⅝"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Vented RidgeCrest™ w/*FLX*™

Size: 13"x13¼"
Exposure: 9¼"
Pieces/Box: 26
Coverage: 5 boxes = 100 linear feet

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakewood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood. Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.
** Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for such products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and north of the states of VA, KY, MO, KS, CO, UT, NV, & OR.
***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grande, at least six (6) properly placed NAILS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula *FLX*.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes(4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula *FLX* with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

Residential System Sizing Calculation

Summary

Monk, Gary Residence

, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

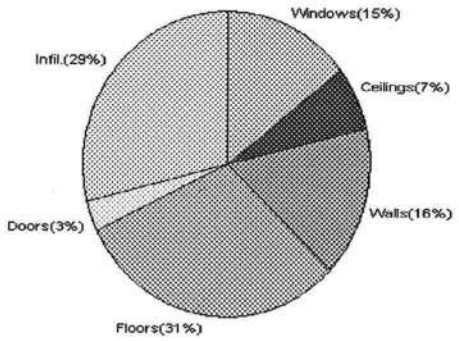
1/10/2008

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	**24355**	**Btuh**	**Total cooling load calculation**	**16012**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	115.0	28000	Sensible (SHR = 0.75)	182.1	21000
Heat Pump + Auxiliary(0.0kW)	115.0	28000	Latent	156.2	7000
			Total (Electric Heat Pump)	174.9	28000

WINTER CALCULATIONS

Winter Heating Load (for 1374 sqft)

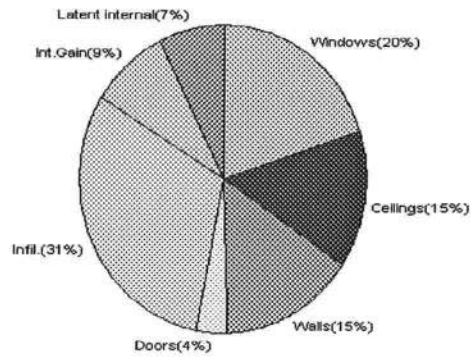
Load component			Load	
Window total	110	sqft	3541	Btuh
Wall total	1198	sqft	3934	Btuh
Door total	60	sqft	777	Btuh
Ceiling total	1410	sqft	1661	Btuh
Floor total	171	sqft	7466	Btuh
Infiltration	172	cfm	6976	Btuh
Duct loss			0	Btuh
Subtotal			**24355**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**24355**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1374 sqft)

Load component			Load	
Window total	110	sqft	3186	Btuh
Wall total	1198	sqft	2372	Btuh
Door total	60	sqft	588	Btuh
Ceiling total	1410	sqft	2335	Btuh
Floor total			0	Btuh
Infiltration	90	cfm	1671	Btuh
Internal gain			1380	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**11531**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			3281	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**4481**	**Btuh**
TOTAL HEAT GAIN			**16012**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 1-10-08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

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

1/10/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	45.0	32.2	1449 Btuh
2	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
3	2, Clear, Metal, 0.87	S	45.0	32.2	1449 Btuh
	Window Total		110(sqft)		3541 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	978	3.3	3212 Btuh
2	Frame - Wood - Adj(0.09)	13.0	220	3.3	722 Btuh
	Wall Total		1198		3934 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	1410	1.2	1661 Btuh
	Ceiling Total		1410		1661Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	171.0 ft(p)	43.7	7466 Btuh
	Floor Total		171		7466 Btuh
			Zone Envelope Subtotal:		17380 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.94	10992	172.2	6976 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**24355 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	24355 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	24355 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

1/12/2009

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

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

1/10/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	45.0	32.2	1449 Btuh
2	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
3	2, Clear, Metal, 0.87	S	45.0	32.2	1449 Btuh
	Window Total		110(sqft)		3541 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	978	3.3	3212 Btuh
2	Frame - Wood - Adj(0.09)	13.0	220	3.3	722 Btuh
	Wall Total		1198		3934 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	1410	1.2	1661 Btuh
	Ceiling Total		1410		1661Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	171.0 ft(p)	43.7	7466 Btuh
	Floor Total		171		7466 Btuh
			Zone Envelope Subtotal:		17380 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.94	10992	172.2	6976 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**24355 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	24355 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	24355 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

1/13/2020

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/10/2008

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	45.0	0.0	45.0	29	29	1303 Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	20.0	0.0	20.0	29	29	579 Btuh
3	2, Clear, 0.87, None,N,N	S	1.5ft.	5.5ft.	45.0	45.0	0.0	29	34	1303 Btuh
	Window Total				110 (sqft)					3186 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	978.0	2.1	2040 Btuh
2	Frame - Wood - Adj	13.0/0.09	220.0	1.5	332 Btuh
	Wall Total		1198 (sqft)		2372 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	1410.0	1.7	2335 Btuh
	Ceiling Total		1410 (sqft)		2335 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	171 (ft(p))	0.0	0 Btuh
	Floor Total		171.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	8481 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.49	10992	89.8	1671 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	0	1380 Btuh

Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh

	Sensible Zone Load	**11531 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**11531 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**11531 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**11531 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3281 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	**4481 Btuh**
	TOTAL GAIN	**16012 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

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/10/2008

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	45.0	0.0	45.0	29	29	1303 Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft.	5.5ft.	20.0	0.0	20.0	29	29	579 Btuh
3	2, Clear, 0.87, None,N,N	S	1.5ft.	5.5ft.	45.0	45.0	0.0	29	34	1303 Btuh
	Window Total				110 (sqft)					3186 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	978.0	2.1	2040 Btuh
2	Frame - Wood - Adj	13.0/0.09	220.0	1.5	332 Btuh
	Wall Total		1198 (sqft)		2372 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	1410.0	1.7	2335 Btuh
	Ceiling Total		1410 (sqft)		2335 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	171 (ft(p))	0.0	0 Btuh
	Floor Total		171.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	8481 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.49	10992	89.8	1671 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 230 +	0	1380 Btuh

Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic) DGM = 0.00	0.0 Btuh
	Sensible Zone Load	**11531 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Monk, Gary Residence
, FL

Project Title:
801041K&HFramingVinylSidingInc

Class 3 Rating
Registration No. 0
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**11531 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**11531 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**11531 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3281 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	**4481 Btuh**
	TOTAL GAIN	**16012 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

Monk, Gary Residence

, FL

Project Title:
801041K&HFramingVinylSidingInc

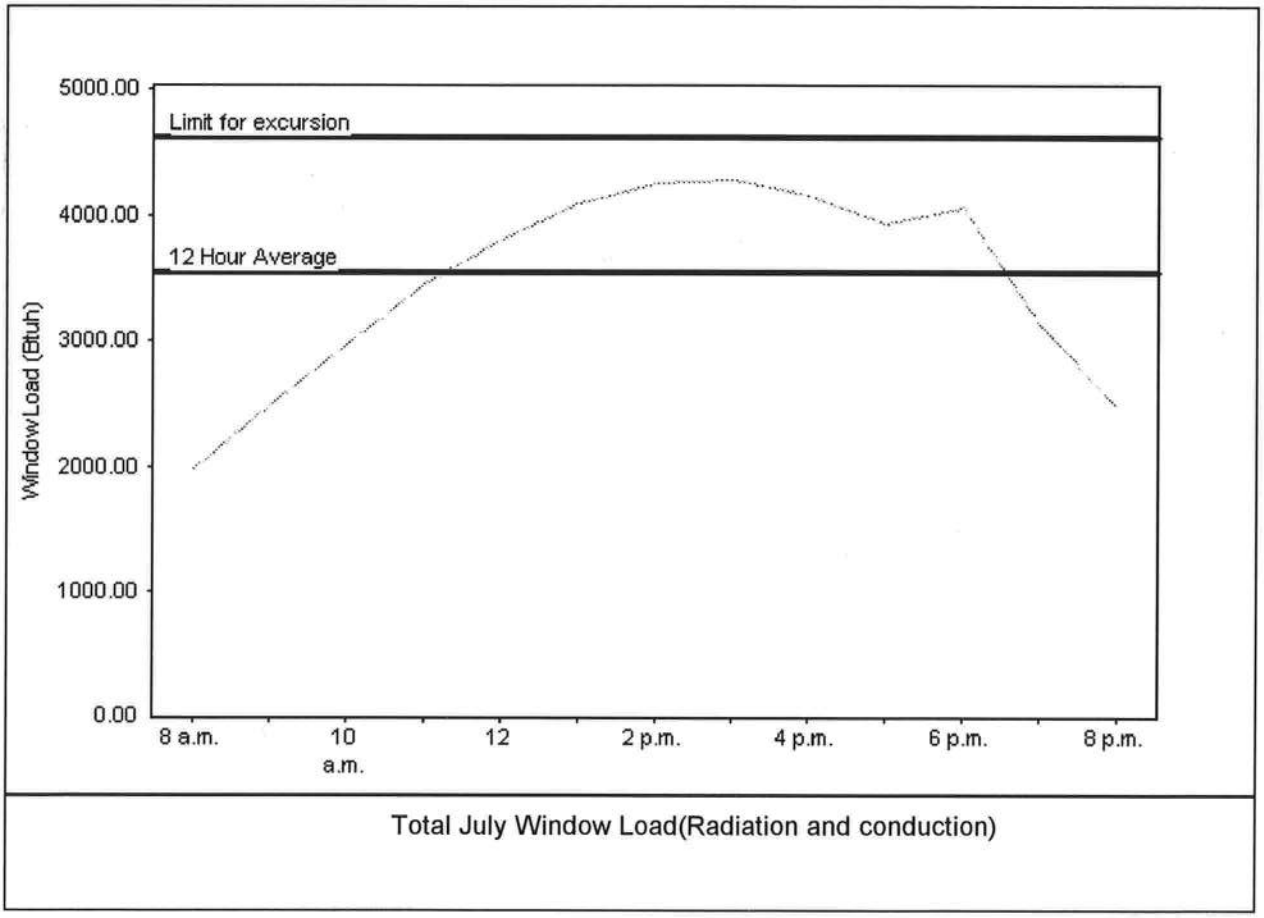
Class 3 Rating
Registration No. 0
Climate: North

1/10/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	3551 Btuh
Summer setpoint	75 F	Peak window load for July	4290 Btuh
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	4616 Btuh
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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:
DATE: 1-10-07

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS;

- Two (2) complete sets of plans containing the following:
- All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
- Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- Dimensions of lot or parcel of land
- Dimensions of all building set backs
- Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required:

- Plans or specifications must meet state compliance with FRC Chapter 3
- The following information must be shown as per section FRC
- Basic wind speed (3-second gust), miles per hour
- Wind importance factor and nature of occupancy
- Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.

Elevations Drawing including:

- All side views of the structure
- Roof pitch
- Overhang dimensions and detail with attic ventilation
- Location, size and height above roof of chimneys
- Location and size of skylights with Florida Product Approval
- Number of stories
- e) Building height from the established grade to the roofs highest peak

WOOD WALL FRAMING CONSTRUCTION FRC CHAPTER 6

- Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls.
- Fastener schedule for structural members per table R602.3 (1) are to be shown.
- Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing
- Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems.
- Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- Indicate where pressure treated wood will be placed.
- Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail

ROOF SYSTEMS:

- Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- Provide dead load rating of trusses

Conventional Roof Framing Layout Per FRC 802:

- Rafter and ridge beams sizes, span, species and spacing
- Connectors to wall assemblies' include assemblies' resistance to uplift rating.
- Valley framing and support details
- Provide dead load rating of rafter system.

ROOF SHEATHING FRC Table R602,3(2) FRC 803

- Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing on the edges & intermediate areas

ROOF ASSEMBLIES FRC Chapter 9

- Include all materials which will make up the roof assembles covering; with Florida Product Approval numbers for each component of the roof assembles covering.

FCB Chapter 13 Florida Energy Efficiency Code for Building Construction

- Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

HVAC information shown

- Manual J sizing equipment or equivalent computation
- Exhaust fans locations in bathrooms

Plumbing Fixture layout shown

- All fixtures waste water lines shall be shown on the foundation plan

Electrical layout shown including:

- Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- Ceiling fans
- Smoke detectors
- Service panel, sub-panel, location(s) and total ampere ratings

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 16-4S-17-08382-355 **Building permit No.** 000026791

Use Classification SFD,UTILITY **Fire:** 25.68

Permit Holder WILLIAM SCOTT **Waste:** 67.00

Owner of Building GARY & RITA MONK **Total:** 92.68

Location: 456 SE FOREST TERR, LAKE CITY, FL

Date: 06/18/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment 13018

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE BAYA AVE
City LAKE CITY Phone 752-1703

Site Location: Subdivision CENTURY OAKS
Lot # 5 Block# A Permit # 26791
Address 456 SE FOREST TER

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

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling	1769	193	160

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

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

3/13/08 Date | 1400 Time | FESS GUNNY Print Technician's Name

Remarks: DID NOT TREAT FRONT ENTRY (NOT READY)

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©