

DATE 07/27/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000026070

APPLICANT GEORGE ECKSTEIN PHONE 288-2296

ADDRESS 800 SW LEGION DRIVE LAKE CITY FL 32024

OWNER GEORGE ECKSTEIN PHONE 288-2296

ADDRESS 800 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR SAME PHONE _____

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON TAMARAC DR, TL ON LEGION, JUST PAST
TITANIUM ONLEFT, 500 FT DOWN CLEARED DIRT ROAD

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 75200.00

HEATED FLOOR AREA 1504.00 TOTAL AREA 2283.00 HEIGHT _____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RR MAX. HEIGHT _____

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-16-03041-029 SUBDIVISION _____

LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

000001425

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

WAIVER 07-552-E 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

Check # or Cash 5210

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE \$ 380.00 CERTIFICATION FEE \$ 11.42 SURCHARGE FEE \$ 11.42

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

FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ _____ TOTAL FEE 477.84

INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

This Instrument Prepared by & return to:

Name: Brenda Styons, an employee of
TITLE OFFICES, LLC
Address: 1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
File No. 05Y-07077BS

Inst: 2005020202 Date: 08/19/2005 Time: 11:16
Doc Stamp-Deed : 154.00

DC, P. Dewitt Cason, Columbia County B: 1055 P: 1849

Parcel I.D. #: 03041-029

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 12th day of August, A.D. 2005, by

PAMELIA J. SKILLMAN, A SINGLE PERSON, hereinafter called the grantor, to

GEORGE E. ECKSTEIN, SINGLE,

, whose post office address is

196 SW PHILLIPS CL, LAKE CITY, FL. 32024, hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in **Columbia County, State of FLORIDA**, viz:

A PARCEL OF LAND IN SECTION 16, TOWNSHIP 4 SOUTH, RANGE 16 EAST, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SW CORNER OF THE SE ¼ OF THE SW ¼ OF SAID SECTION 16; THENCE N 01°05'45" W, A DISTANCE OF 122.00 FEET; THENCE N 89°55'30" W, A DISTANCE OF 335.33 FEET; THENCE S 01°05'45" E, A DISTANCE OF 122.00 FEET; THENCE S 89°55'30" E, A DISTANCE OF 335.33 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

AND THE FOLLOWING DESCRIBED LANDS: A STRIP OF LAND IN SECTION 16, TOWNSHIP 4 SOUTH, RANGE 16 EAST, MORE PARTICULARLY BEING DESCRIBED AS FOLLOWS: BEGIN AT THE SW CORNER OF THE SE ¼ OF THE SW ¼ OF SAID SECTION 16; THENCE N 01°05'45" W, A DISTANCE OF 122.00 FEET; THENCE N 89°55'30" W, A DISTANCE OF 317.33 FEET TO THE POINT OF BEGINNING; THENCE N 01°05'45" E, A DISTANCE OF 512.89 FEET TO THE SOUTH RIGHT OF WAY LINE OF SW LEGION GLEN; THENCE N 89°49'25" W, A DISTANCE OF 18.00 FEET ALONG SAID SOUTH RIGHT OF WAY LINE; THENCE S 01°05'45" E, A DISTANCE OF 512.91 FEET; THENCE S 89°55'30" E, A DISTANCE OF 18.00 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PROPERTY IS NOT THE HOMESTEAD PROPERTY OF THE GRANTOR.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold the same in fee simple forever.

And the grantor hereby covenants with said grantee that she is lawfully seized of said land in fee simple; that she has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

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

Signed, sealed and delivered in the presence of:

Angela Watson-Bolton

Witness Signature

Angela Watson-Bolton

Printed Name

Bonita Hadwin

Witness Signature

Bonita Hadwin

Printed Name

Pamela J. Skillman

L.S.

PAMELIA J. SKILLMAN

Address:

P.O. BOX 942, WILLISTON, FL 32696

Inst:2005020202 Date:08/19/2005 Time:11:16

Doc Stamp-Deed : 154.00

DC,P.DeWitt Cason,Columbia County B:1055 P:1850

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12th day of August, 2005, by PAMELLA J. SKILLMAN, who is known to me or who has produced Her Driver License as identification.



Bonita Hadwin
MY COMMISSION # DD230004 EXPIRES
August 10, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

Bonita Hadwin
Notary Public
My commission expires _____

Columbia County Building Permit Application

CK# 5210 5211

For Office Use Only Application # 0707.33 Date Received 7/1/07 By GA Permit # 1425/26010
 Application Approved by - Zoning Official BLK Date 26.07.07 Plans Examiner OKJTH Date 7-16-07
 Flood Zone X Development Permit N/A Zoning RR Land Use Plan Map Category Res. V. L. Dev.

Comments _____
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit GEORGE E. ECKSTEIN Phone 386 288 2296
 Address 800 S.W. LEGION DR LAKE CITY FL 32024
 Owners Name GEORGE E ECKSTEIN Phone 386-288-2296
 911 Address 800 S.W. LEGION DR LAKE CITY FL 32024
 Contractors Name SAME Phone _____
 Address SAME

Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address William Myers P.O. Box 1513 L.C. 71A 32056
 Mortgage Lenders Name & Address N/A

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

Property ID Number R16-4S-16-03041-029 Estimated Cost of Construction \$85000.00
 Subdivision Name N/A Lot _____ Block _____ Unit _____ Phase _____

Driving Directions FROM US 90 - Go South ON S.R. 247 ABOUT 4 MILES, turn RIGHT ON TAMARAC DR, THEN LEFT ON S.W. LEGION, TO 800 JUST PAST TITANIUM ON LEFT. APPROX 500 FT DOWN CLEARED DIRT RD.

Type of Construction FRAME Number of Existing Dwellings on Property 1 SHED

Total Acreage ONE Lot Size 122 X 335 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 67' Side 40' Side 40' Rear 205'

Total Building Height 18'6" Number of Stories ONE Heated Floor Area 1504 Roof Pitch 6/12
 TOTAL 2283

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

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

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

Owner Builder or Authorized Person by Notary GALE TEDDER Contractor Signature _____

STATE OF FLORIDA
 COUNTY OF COLUMBIA



Contractors License Number _____
 Competency Card Number _____

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me

this 17th day of July 2007.

Personally known _____ or Produced Identification DL

Gale Tedder

Notary Signature

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number R16-45-16-03041-029 Permit Number 0707-33

1. Description of property: (legal description of the property and street address or 911 address)

SECTION 16, TOWNSHIP 4 South, RANGE 16 EAST, S.W. CORNER
OF THE S.E. 1/4 OF THE S.W. 1/4 OF SECTION 16. (R16-45-16-03041-029
800 S.W. LEGION DR.

2. General description of improvement: SINGLE FAMILY HOME 3 BR- 2 BATH- 2 CAR GARAGE

3. Owner Name & Address GEORGE E. ECKSTEIN 800 S.W. LEGION DR. L.C. 3202
Interest In Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name GEORGE E. ECKSTEIN Phone Number 288-2296
Address 800 S.W. LEGION DR. L.C. 7L. 32024

6. Surety Holders Name N/A Phone Number _____
Address _____

Amount of Bond _____

7. Lender Name N/A
Address _____

Inst: 200712015406 Date: 7/11/2007 Time: 2:36 PM
s19 DC, P. DeWitt Cason, Columbia County Page 1 of 1

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name _____ Phone Number _____
Address _____

9. In addition to himself/herself the owner designates _____ of _____
to receive a copy of the Lien Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

[Signature]
Signature of Owner

Sworn to (or affirmed) and subscribed before day of July

[Signature]
Signature of Notary

NOTARY STAMP/SEAL





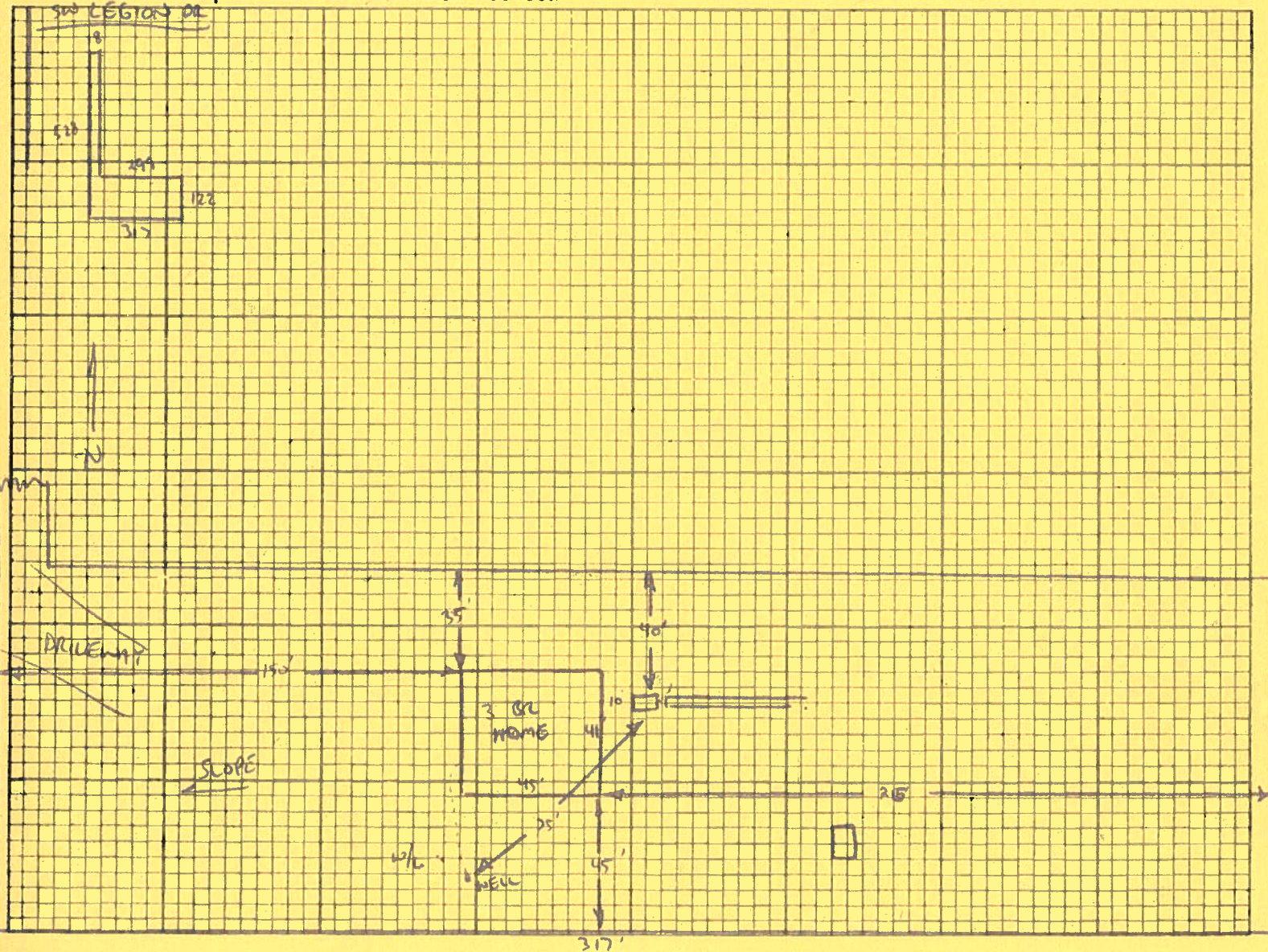
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-055AE

PART II - SITE PLAN

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



Notes: _____

Site Plan submitted by: _____ Signature _____ Title _____

Plan Approved [Signature] Not Approved _____ Date 7-11-07

By [Signature] County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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: 1/11/2006 DATE ISSUED: 1/18/2006

ENHANCED 9-1-1 ADDRESS:

800 SW LEGION

DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

16-4S-16-03041-029

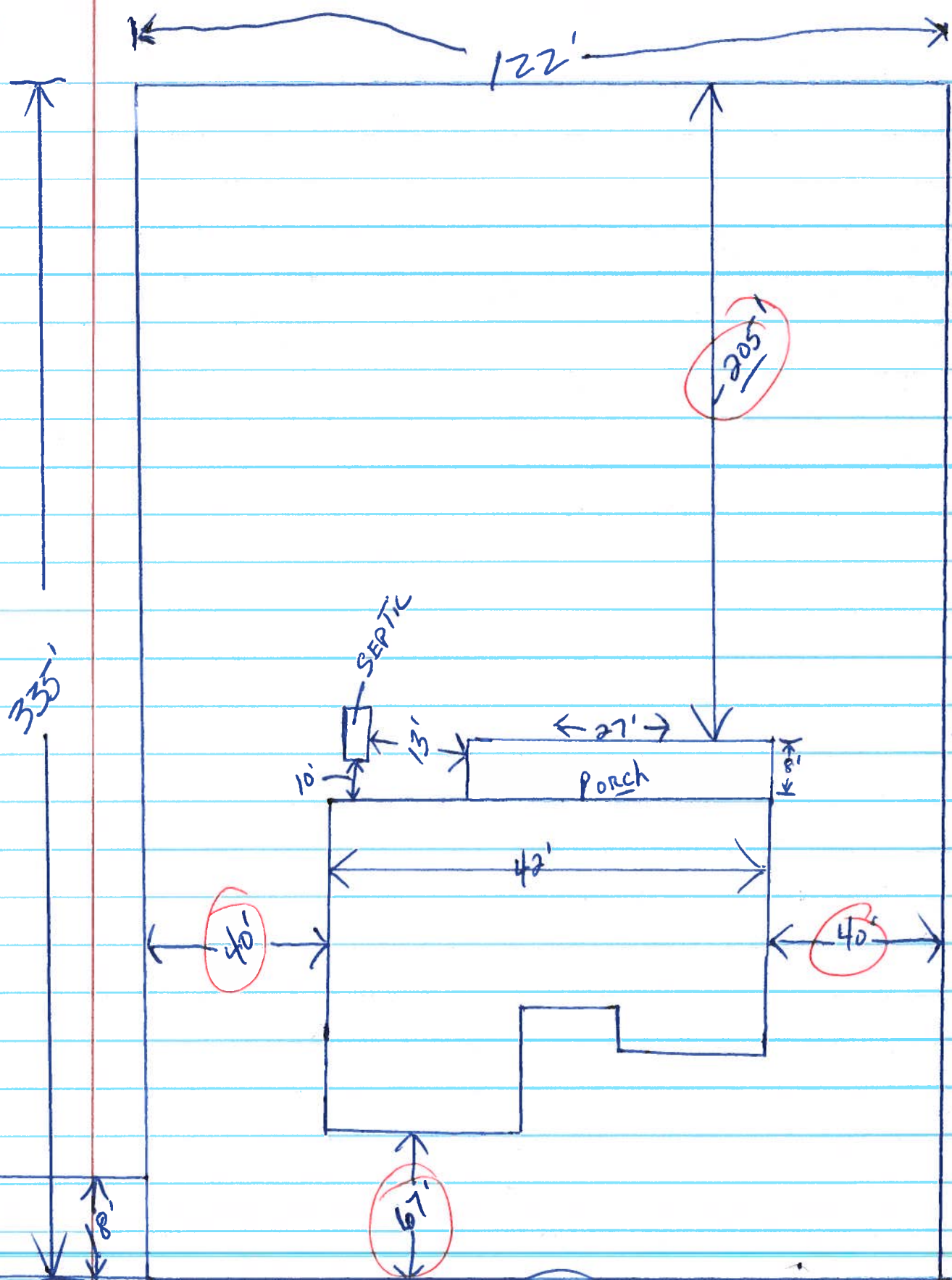
Remarks:

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.



NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
☐ Farm Outbuilding

- ☐ Two-Family Residence
☐ Other _____

NEW CONSTRUCTION OR IMPROVEMENT

- ☐ New Construction

- ☐ Addition, Alteration, Modification or other Improvement

I GEORGE E. ECKSTEIN, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Owner Builder Signature

Date

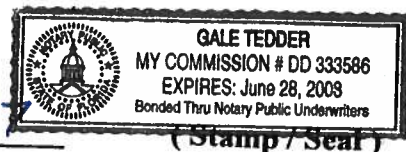
7-11-07

The above signer is personally known to me or produced identification

Notary Signature

Date

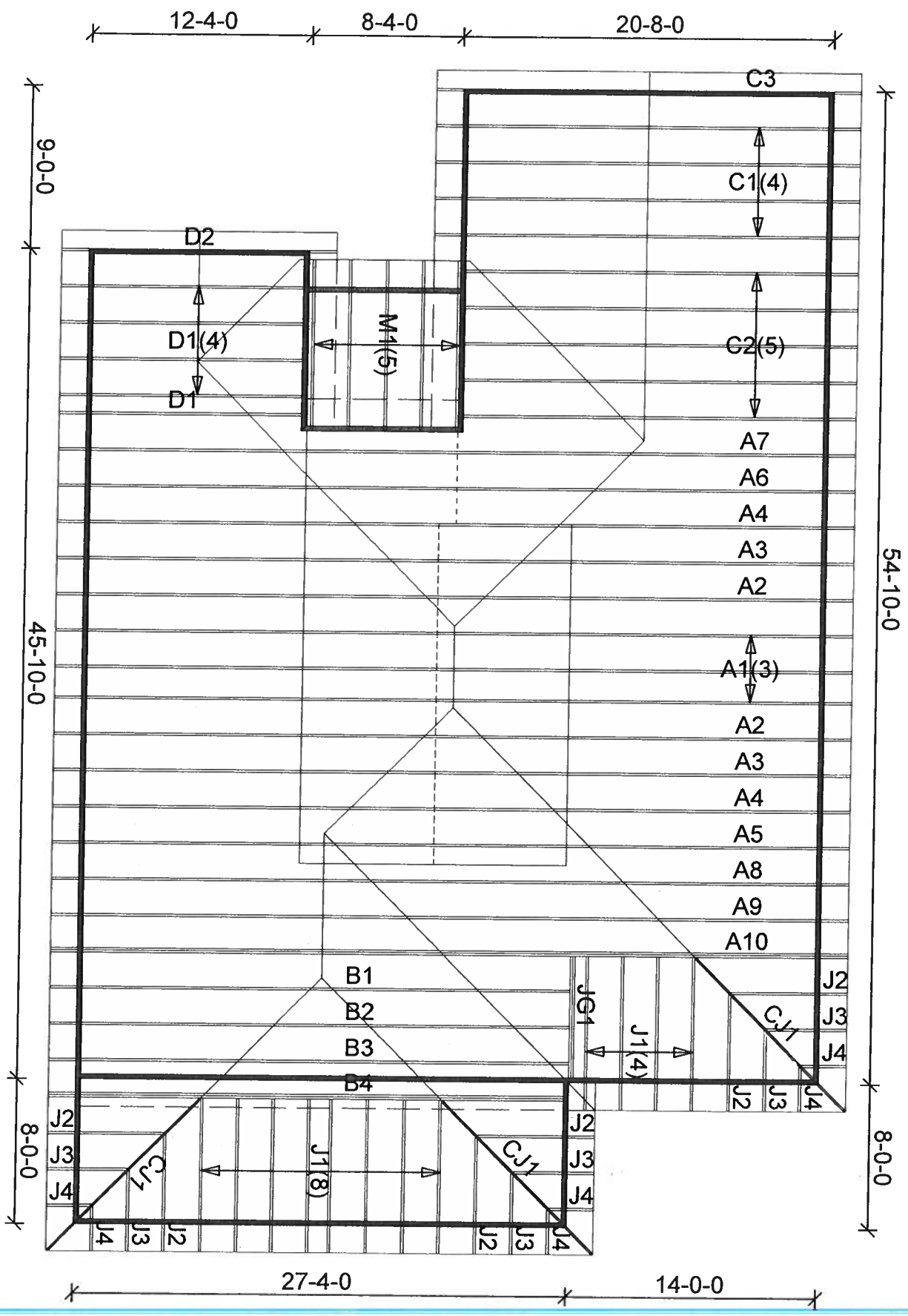
7/11/07



FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____



Mayo Truss Co. Inc.

845 East US 27

MAYO, FL 32066

(386)294-3988

(877)-558-6262

K & H FRAMING

GEORGE ECKSTEIN

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: Kheckstein

Designer: M.MURRAY

Checker: M.MURRAY

Date: 07-06-07

Pat Lynch
P. O. BOX 934
Branford, FL 32008-0934
(386) 935-1076

SOLD TO:

George Eckstein
Lesion Rd
Lake City

DATE: 2/7/06

INVOICE

4" Water well complete with 1 HP submersible pump, 1 1/2" galvanized drop pipe, and
8192h tank, maximum 100 feet included \$ 2595
#12.00

Additional footage over 100 feet will be charged at 60 per foot. 720

Suwannee River Water Management District - well permit

TOTAL DUE

\$3315.00

Well will be complete at the well site. We do not include electrical nor plumbing connections from the well to the home and/or power pole.

Well 160'
Pump 105'
Water 84'

THANK YOU!

Seller shall retain title to the described merchandise until such merchandise has been paid for by the buyer, however, buyer shall have the right to use, display, move, prepare, or otherwise deal with the merchandise solely in connection with the sale of such merchandise to buyers in the ordinary course of business. The merchandise delivered hereby is to be paid for upon delivery and if not paid for within thirty (30) days after receipt, interest and service charges shall accrue at the rate of 1 1/2% per month; this charge is equivalent to an interest rate of 18% per annum from the date of receipt. In the event it shall become necessary for seller to collect the purchase price, or any part thereof, buyer agrees to pay to seller all of the cost of collection including reasonable attorney's fees and all incidental damages suffered by the seller. The buyer shall have five (5) days after receipt to notify seller of any defects or shortages in the merchandise. If buyer has not so notified seller within such five-day period such rights shall have waived and such merchandise shall be deemed to have been received in good condition. Seller warrants that the merchandise is merchantable and free from defects in material and workmanship. Seller makes no other express or implied warranties and does not warrant that the merchandise is fit for any particular purpose. Buyer further agrees that the site of this contract and place for payment is Suwannee County, Florida. The buyer acknowledges acceptance of the above stated items and conditions if this sale by his receipt and retention for five days the merchandise shipped or delivered by the seller.

NOT RESPONSIBLE FOR QUALITY OF WATER

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

2007 Proposed Values

Parcel: 16-4S-16-03041-022 HX

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	BALDWIN EUGENE K & BETTY L		
Site Address	LEGION		
Mailing Address	744 SW LEGION DR LAKE CITY, FL 32024		
Use Desc. (code)	MOBILE HOM (000200)		
Neighborhood	16416.01	Tax District	3
UD Codes	MKTA06	Market Area	06
Total Land Area	3.750 ACRES		
Description	E1/2 OF SW1/4 OF NW1/4 OF SW1/4, EX RD R/W & EX 122 FT BY 335.33 FT OFF THE S END. EX WEST 18 FT DESC ORB 1055- 1848		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$42,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$39,307.00
XFOB Value	cnt: (1)	\$300.00
Total Appraised Value		\$82,107.00

Just Value	\$82,107.00
Class Value	\$0.00
Assessed Value	\$52,618.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$27,618.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
2	SFR MANUF (000200)	2000	Vinyl Side (31)	1216	1216	\$39,307.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0296	SHED METAL	1999	\$300.00	80.000	8 x 10 x 0	AP (25.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	3.750 AC	1.00/1.00/1.00/1.00	\$10,800.00	\$40,500.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

1 of 1

Brian Kepner

From: Marlin Feagle [leagle@bellsouth.net]
Sent: Thursday, July 26, 2007 2:19 PM
To: Brian Kepner
Subject: Re: Flag lot
Attachments: image001.gif

Brian, I think you can issue a permit on this one. It is not a traditional "flag" lot as it appears the "pole" was only for access purposes; it is not intended to be part of the lot. It is also not in a platted subdivision. Marlin

— Original Message —

From: [Brian Kepner](#)
To: [Marlin Feagle](#)
Sent: Thursday, July 26, 2007 11:05 AM
Subject: Flag lot

Marlin,

We discussed a flag lot last week and if a building permit could be issued. I have talked with the property owner and he has informed me that there was an existing MH on this property and that they had access to the property on the east side. When he purchased the property he was asked what side he wanted access and he like the west side instead of the east side which went right in front of the house. So deed reflects access now on west side instead of east side. Can we go ahead and issue the permit with this additional information and maybe some vested rights stuff?

Brian Kepner
Columbia County
Land Development
Regulation Administrator



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **George Eckstein**
Address: **SW Legion RD**
City, State: **Lake City, FL 32025-**
Owner: **Eckstein Residence**
Climate Zone: **North**

Builder: **owner**
Permitting Office: **Columbia**
Permit Number: **26070**
Jurisdiction Number: **221000**

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) 1504 ft² ☐
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
 - a. U-factor: Description Area

(or Single or Double DEFAULT) 7a(Sngle Default) 188.3 ft² ☐
 - b. SHGC:

(or Clear or Tint DEFAULT) 7b. (Clear) 188.3 ft² ☐
8. Floor types
 - a. Slab-On-Grade Edge Insulation R=0.0, 191.0(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types
 - a. Frame, Wood, Exterior R=13.0, 1093.7 ft² ☐
 - b. Frame, Wood, Adjacent R=13.0, 188.0 ft² ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types
 - a. Under Attic R=30.0, 1650.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts(Leak Free)
 - a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 35.0 ft ☐
 - b. N/A ☐

12. Cooling systems
 - a. Central Unit Cap: 36.0 kBtu/hr ☐
SEER: 11.00 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems
 - a. Electric Heat Pump Cap: 36.0 kBtu/hr ☐
HSPF: 6.80 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems
 - a. Electric Resistance Cap: 50.0 gallons ☐
EF: 0.90 ☐
 - b. N/A ☐
 - c. Conservation credits

(HR-Heat recovery, Solar
DHP-Dedicated heat pump)
15. HVAC credits PT, ☐

(CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating)

Glass/Floor Area: 0.13

Total as-built points: 22075

Total base points: 23541

PASS

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

PREPARED BY: *[Signature]*

DATE: 5-25-07

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



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

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

ADDRESS: SW Legion RD, Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT									
GLASS TYPES													
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points					
.18	1504.0	20.04	5425.2	Single, Clear	W	1.5	8.0	16.0	43.84	0.96	672.0		
				Single, Clear	W	9.5	8.0	40.0	43.84	0.49	851.3		
				Single, Clear	W	9.5	8.0	17.8	43.84	0.49	378.8		
				Single, Clear	W	9.5	8.0	7.5	43.84	0.49	159.6		
				Single, Clear	N	1.5	8.0	30.0	21.73	0.97	630.5		
				Single, Clear	N	1.5	8.0	4.0	21.73	0.97	84.1		
				Single, Clear	E	1.5	8.0	15.0	47.92	0.96	688.3		
				Single, Clear	S	1.5	8.0	12.0	40.81	0.92	452.1		
				Single, Clear	S	1.5	8.0	30.0	40.81	0.92	1130.4		
				Single, Clear	S	1.5	8.0	16.0	40.81	0.92	602.9		
				As-Built Total:				188.3					
WALL TYPES				Area X BSPM = Points									
Type				R-Value		Area X SPM = Points							
Adjacent	188.0	0.70	131.6	Frame, Wood, Exterior	13.0		1093.7	1.50		1640.5			
Exterior	1093.7	1.70	1859.3	Frame, Wood, Adjacent	13.0		188.0	0.60		112.8			
Base Total:				1281.7		1990.9		As-Built Total:				1281.7	1753.3
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	20.0	4.10	82.0	Adjacent Insulated			20.0	1.60		32.0			
Base Total:				40.0		114.0		As-Built Total:				40.0	114.0
CEILING TYPES				Area X BSPM = Points									
Type				R-Value		Area X SPM X SCM = Points							
Under Attic	1504.0	1.73	2601.9	Under Attic	30.0		1650.0	1.73 X 1.00		2854.5			
Base Total:				1504.0		2601.9		As-Built Total:				1650.0	2854.5
FLOOR TYPES				Area X BSPM = Points									
Type				R-Value		Area X SPM = Points							
Slab	191.0(p)	-37.0	-7067.0	Slab-On-Grade Edge Insulation	0.0		191.0(p)	-41.20		-7869.2			
Raised	0.0	0.00	0.0										
Base Total:				-7067.0		As-Built Total:		191.0		-7869.2			
INFILTRATION				Area X BSPM = Points									
				Area X SPM = Points									
1504.0 10.21 15355.8				1504.0 10.21 15355.8									

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

ADDRESS: SW Legion RD, Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 18420.9				Summer As-Built Points: 17858.5									
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Cooling Points
18420.9		0.4266	7858.3	(sys 1: Central Unit 36000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 17858 1.00 (1.09 x 1.000 x 1.00) 0.310 0.950 5737.7 17858.5 1.00 1.090 0.310 0.950 5737.7									

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

ADDRESS: SW Legion RD, Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1504.0	12.74	3449.0	Single, Clear	W	1.5	8.0	16.0	28.84	1.01	466.6
				Single, Clear	W	9.5	8.0	40.0	28.84	1.19	1369.5
				Single, Clear	W	9.5	8.0	17.8	28.84	1.19	609.4
				Single, Clear	W	9.5	8.0	7.5	28.84	1.19	256.8
				Single, Clear	N	1.5	8.0	30.0	33.22	1.00	997.5
				Single, Clear	N	1.5	8.0	4.0	33.22	1.00	133.0
				Single, Clear	E	1.5	8.0	15.0	26.41	1.02	404.0
				Single, Clear	S	1.5	8.0	12.0	20.24	1.04	252.9
				Single, Clear	S	1.5	8.0	30.0	20.24	1.04	632.1
				Single, Clear	S	1.5	8.0	16.0	20.24	1.04	337.1
				As-Built Total:				188.3		5458.9	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Adjacent	188.0	3.60	676.8	Frame, Wood, Exterior	13.0		1093.7	3.40	3718.6		
Exterior	1093.7	3.70	4046.7	Frame, Wood, Adjacent	13.0		188.0	3.30	620.4		
Base Total:		1281.7	4723.5	As-Built Total:		1281.7		4339.0			
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	20.0	8.40	168.0	Adjacent Insulated			20.0	8.00	160.0		
Base Total:		40.0	328.0	As-Built Total:		40.0		328.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM		= Points		
Under Attic	1504.0	2.05	3083.2	Under Attic	30.0		1650.0	2.05 X 1.00	3382.5		
Base Total:		1504.0	3083.2	As-Built Total:		1650.0		3382.5			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Slab	191.0(p)	8.9	1699.9	Slab-On-Grade Edge Insulation	0.0		191.0(p)	18.80	3590.8		
Raised	0.0	0.00	0.0								
Base Total:		1699.9		As-Built Total:		191.0		3590.8			
INFILTRATION Area X BWPM = Points						Area X WPM		= Points			
1504.0		-0.59	-887.4			1504.0		-0.59	-887.4		

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

ADDRESS: SW Legion RD, Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 12396.2				Winter As-Built Points: 16211.8									
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
12396.2		0.6274	7777.4	(sys 1: Electric Heat Pump 36000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 16211.8 1.000 (1.069 x 1.000 x 1.00) 0.501 0.950 8256.2 16211.8 1.00 1.069 0.501 0.950 8256.2									

WATER HEATING & CODE COMPLIANCE STATUS**Residential Whole Building Performance Method A - Details**

ADDRESS: SW Legion RD, Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of		Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						Credit = Total
3		2635.00	7905.0	50.0	0.90	3		1.00	2693.56
									1.00
									8080.7
				As-Built Total:					8080.7

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	Cooling	+	Heating	+	Hot Water
Points		Points		Points	Points		Points		Points
=				Total	=				Total
Points				Points	Points				Points
7858		7777		7905	5738		8256		8081
				23541					22075

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: SW Legion RD, Lake City, FL, 32025-

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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.5

The higher the score, the more efficient the home.

Eckstein Residence, SW Legion RD, Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1504 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
(or Single or Double DEFAULT)	7a(Sngle Default) 188.3 ft ²		HSPF: 6.80
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 188.3 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 191.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1093.7 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 188.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1650.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 35.0 ft		
b. N/A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

Energy Code Compliance

Duct System Performance Report

Project Name: George Eckstein Address: SW Legion RD City, State: Lake City, FL 32025- Owner: Eckstein Residence Climate Zone: North	Builder: owner Permitting Office: Permit Number: Jurisdiction Number:
---	--

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) ☐ Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) ☐ Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
Printed Name: _____
Florida Rater Certification #: _____
DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____
DATE: _____

Attn: Webbie

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001425**

DATE: 07/27/2007 BUILDING PERMIT NO. 26070

APPLICANT GEORGE ECKSTEIN PHONE 288-2296

ADDRESS 800 SW LEGION DRIVE LAKE CITY FL 32024

OWNER GEORGE ECKSTEIN PHONE 288-2296

ADDRESS 800 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR SAME PHONE _____

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON TAMARAC DR, TL ON LEGION, JUST PAST

TITANIUM ONLEFT, 500 FT DOWN CLEARED DIRT ROAD

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

PARCEL ID # 16-4S-16-03041-029

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

SIGNATURE: [Signature]

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

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

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: Need him to Rock off The Pavement To The Property line

SIGNED: [Signature] DATE: 7-31-07

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

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



COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 16-4S-16-03041-029

Building permit No. 000026070

Use Classification SFD, UTILITY

Fire: 57.78

Permit Holder SAME

Waste: 150.75

Owner of Building GEORGE ECKSTEIN

Total: 208.53

Location: 800 SW LEGION DRIVE, LAKE CITY, FL

Date: 01/24/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Notice of Treatment

12667

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: 536 SE BAYA AVE

City LAKE CITY Phone 752-1703

Site Location: Subdivision (SELF) GEORGE ECKSTINE

Lot # _____ Block# _____ Permit # 26070

Address 800 SW Legion Dr. L.C.

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

<u>2283</u>	<u>2283</u>	<u> </u>	<u>205 gals</u>
<u>Dwelling</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

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 _____.

8-21-07
Date

9:00
Time

FQ99
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©



RE: kh-eckstein -

Site Information:

Project Customer: K&H FRAMING Project Name: ECKSTEIN
Lot/Block: - 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 OnLine Plus 21.0.044□
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 26 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	T2595371	A1	7/5/07	18	T2595388	CJ1	7/5/07
2	T2595372	A2	7/5/07	19	T2595389	D1	7/5/07
3	T2595373	A3	7/5/07	20	T2595390	D2	7/5/07
4	T2595374	A4	7/5/07	21	T2595391	J1	7/5/07
5	T2595375	A5	7/5/07	22	T2595392	J2	7/5/07
6	T2595376	A6	7/5/07	23	T2595393	J3	7/5/07
7	T2595377	A7	7/5/07	24	T2595394	J4	7/5/07
8	T2595378	A8	7/5/07	25	T2595395	JG1	7/5/07
9	T2595379	A9	7/5/07	26	T2595396	M1	7/5/07
10	T2595380	A10	7/5/07				
11	T2595381	B1	7/5/07				
12	T2595382	B2	7/5/07				
13	T2595383	B3	7/5/07				
14	T2595384	B4	7/5/07				
15	T2595385	C1	7/5/07				
16	T2595386	C2	7/5/07				
17	T2595387	C3	7/5/07				

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

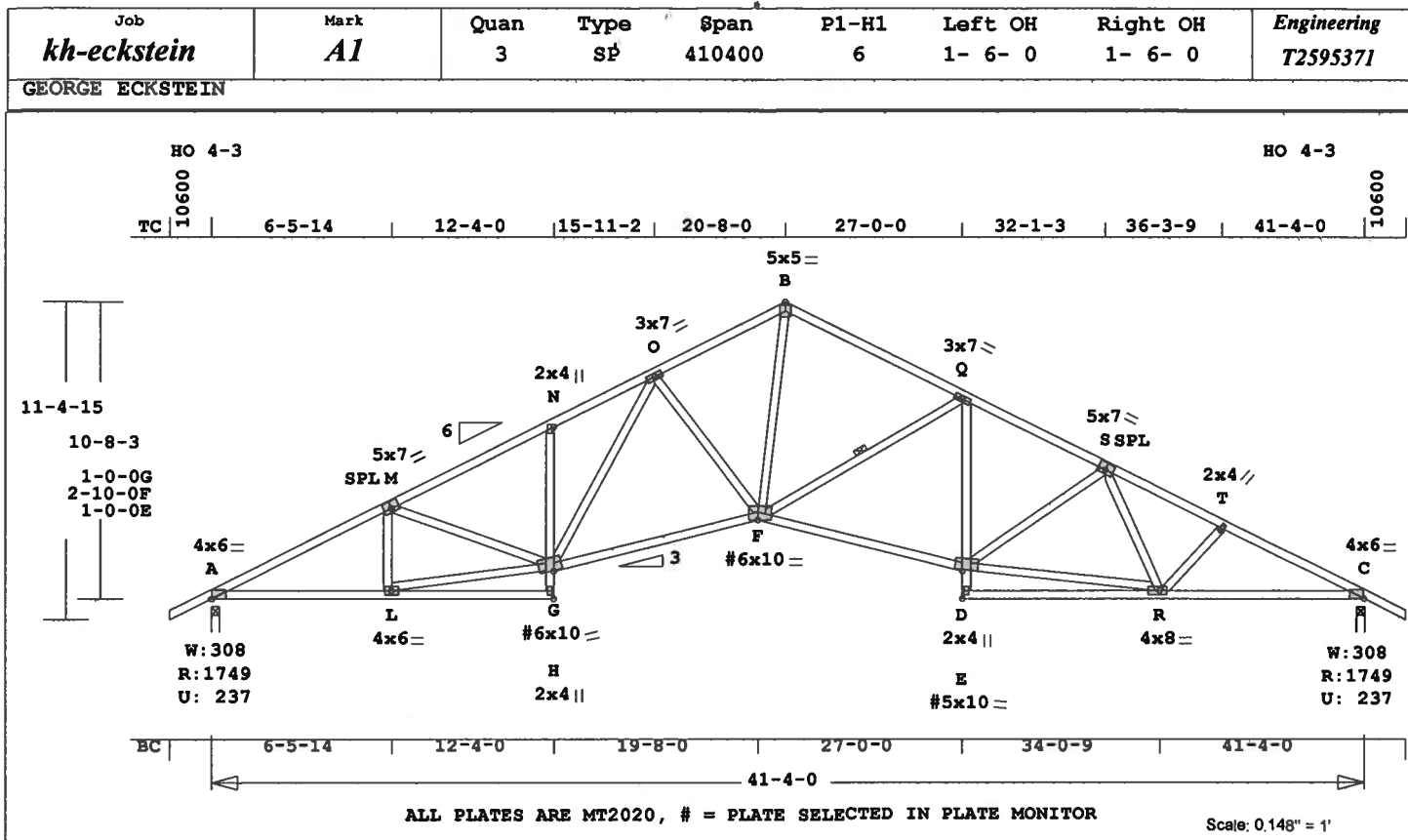
My license renewal date for the state of Florida is February 28, 2009.

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.

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

July 5, 2007

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 318.7 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI -Size- ---Lumber---
TC 0.47 2x 4 SP-#2
BC 0.72 2x 4 SP-#2
CW 0.21 2x 4 SP-#2
WB 0.56 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 41- 4- 0
BC Cont. 0- 0- 0 41- 4- 0
One Continuous Lateral Brace
F -Q
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 1749 237 U 225 R
C 1749 237 U 225 R

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

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

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -M 0.44 3075 C 0.18 0.26
M -N 0.44 3050 C 0.18 0.26
N -O 0.33 3074 C 0.19 0.14
O -B 0.37 2651 C 0.17 0.20
B -Q 0.47 2413 C 0.10 0.37
Q -S 0.45 2761 C 0.16 0.29
S -T 0.29 2944 C 0.17 0.12
T -C 0.30 3115 C 0.18 0.12
-----Bottom Chords-----
A -L 0.55 2749 T 0.46 0.09
L -E 0.18 91 C 0.00 0.18
G -F 0.66 2680 T 0.45 0.21

F -E 0.72 2569 T 0.43 0.29
D -R 0.29 90 C 0.00 0.29
R -C 0.58 2777 T 0.46 0.12
-----Chord-Webs-----
H -G 0.16 96 T 0.01 0.15
G -N 0.21 307 C 0.01 0.20
D -E 0.16 114 T 0.01 0.15
E -Q 0.14 150 T 0.02 0.12
-----Webs-----
L -M 0.05 334 C
L -G 0.51 2781 T
M -G 0.02 156 T
G -O 0.18 295 T
O -F 0.18 368 C
F -B 0.56 1928 T
F -Q 0.09 383 C 1 Br
E -S 0.10 228 C
E -R 0.55 2610 T
S -R 0.01 88 T
R -T 0.03 238 T

TL Defl -0.55" in G -F L/883
LL Defl -0.25" in G -F L/999
Bz Disp LL DL TL
Jt C 0.11" 0.11" 0.22"
Shear // Grain in B -Q 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 4.0x 6.0 Ctr 0.1 0.75
M MT20 5.0x 7.0-0.2 0.5 0.79
N MT20 2.0x 4.0 Ctr Ctr 0.23
O MT20 3.0x 7.0 Ctr Ctr 0.52
B MT20 5.0x 5.0 Ctr Ctr 0.72
Q MT20 3.0x 7.0 Ctr Ctr 0.41
S MT20 5.0x 7.0 0.2 0.5 0.79
T MT20 2.0x 4.0 Ctr Ctr 0.48
C MT20 4.0x 6.0 Ctr 0.1 0.75
L MT20 4.0x 6.0 Ctr Ctr 0.91
H MT20 2.0x 4.0 Ctr Ctr 0.60
G# MT20 6.0x10.0 Ctr 1.1 0.74
F# MT20 6.0x10.0 1.0-0.5 0.72
E# MT20 5.0x10.0 0.1 1.1 0.72
D MT20 2.0x 4.0 Ctr Ctr 0.60
R MT20 4.0x 8.0-1.0 Ctr 0.91

= Plate Monitor used

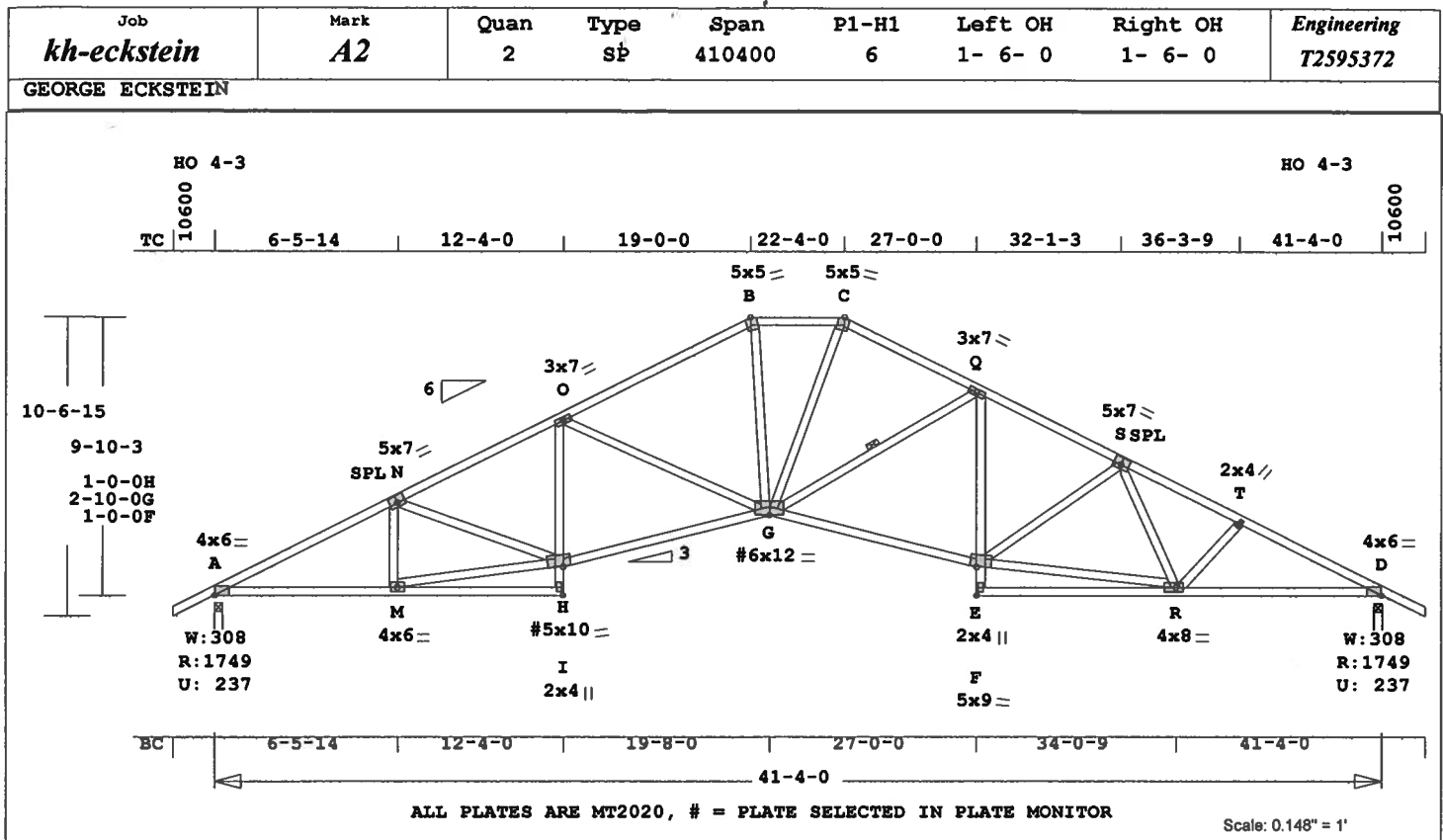
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 3115 Lbs
Max tens. force 2781 Lbs
Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 318.2 LBS
 Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

CSI -Size- ---Lumber---
 TC 0.54 2x 4 SP-#2
 BC 0.63 2x 4 SP-#2
 CW 0.16 2x 4 SP-#2
 WB 0.56 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 41- 4- 0
 BC Cont. 0- 0- 0 41- 4- 0
 One Continuous Lateral Brace
 G -Q
 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 1749 237 U 207 R
 D 1749 237 U 207 R

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

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -N	0.39	3069	C	0.17	0.22
N -O	0.50	3053	C	0.17	0.33
O -B	0.54	2733	C	0.14	0.40
B -C	0.30	2514	C	0.16	0.14
C -Q	0.34	2441	C	0.14	0.20
Q -S	0.36	2763	C	0.16	0.20
S -T	0.29	2944	C	0.17	0.12
T -D	0.30	3114	C	0.18	0.12
-----Bottom Chords-----					
A -M	0.54	2743	T	0.46	0.08
M -I	0.18	83	C	0.00	0.18
I -G	0.63	2837	T	0.47	0.16
G -F	0.59	2561	T	0.43	0.16

E -R	0.29	77	C	0.00	0.29
R -D	0.59	2776	T	0.46	0.13
-----Chord-Webs-----					
I -H	0.13	96	T	0.00	0.13
H -O	0.16	121	T	0.00	0.16
O -E	0.12	114	T	0.00	0.12
E -F	0.15	175	T	0.00	0.15
-----Webs-----					
M -N	0.04	325	C		
N -H	0.50	2734	T		
H -O	0.02	135	T		
O -G	0.27	337	C		
G -B	0.20	918	T		
B -G	0.27	919	T		
G -Q	0.08	346	C		
Q -S	0.11	244	C		
S -R	0.56	2658	T		
R -T	0.02	81	T		
T -F	0.03	234	T		

TL Defl -0.50" in G -F L/973
 LL Defl -0.22" in G -F L/999
 Hx Disp LL DL TL
 Jt D 0.11" 0.11" 0.22"
 Shear // Grain in O -B 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 0.75
 N MT20 5.0x 7.0-0.2 0.5 0.79
 O MT20 3.0x 7.0 Ctr Ctr 0.40
 B MT20 5.0x 5.0 0.7-3.0 0.69
 C MT20 5.0x 5.0-0.7-3.0 0.69
 Q MT20 3.0x 7.0 Ctr Ctr 0.41
 S MT20 5.0x 7.0 0.2 0.5 0.79
 T MT20 2.0x 4.0 Ctr Ctr 0.48
 D MT20 4.0x 6.0 Ctr 0.1 0.75
 M MT20 4.0x 6.0 Ctr Ctr 0.89
 I MT20 2.0x 4.0 Ctr Ctr 0.60
 H# MT20 5.0x10.0 Ctr 0.9 0.69
 G# MT20 6.0x12.0 Ctr-0.5 0.72
 F MT20 5.0x 9.0 0.1 0.9 0.69
 E MT20 2.0x 4.0 Ctr Ctr 0.60
 R MT20 4.0x 8.0-1.0 Ctr 0.93

= Plate Monitor used

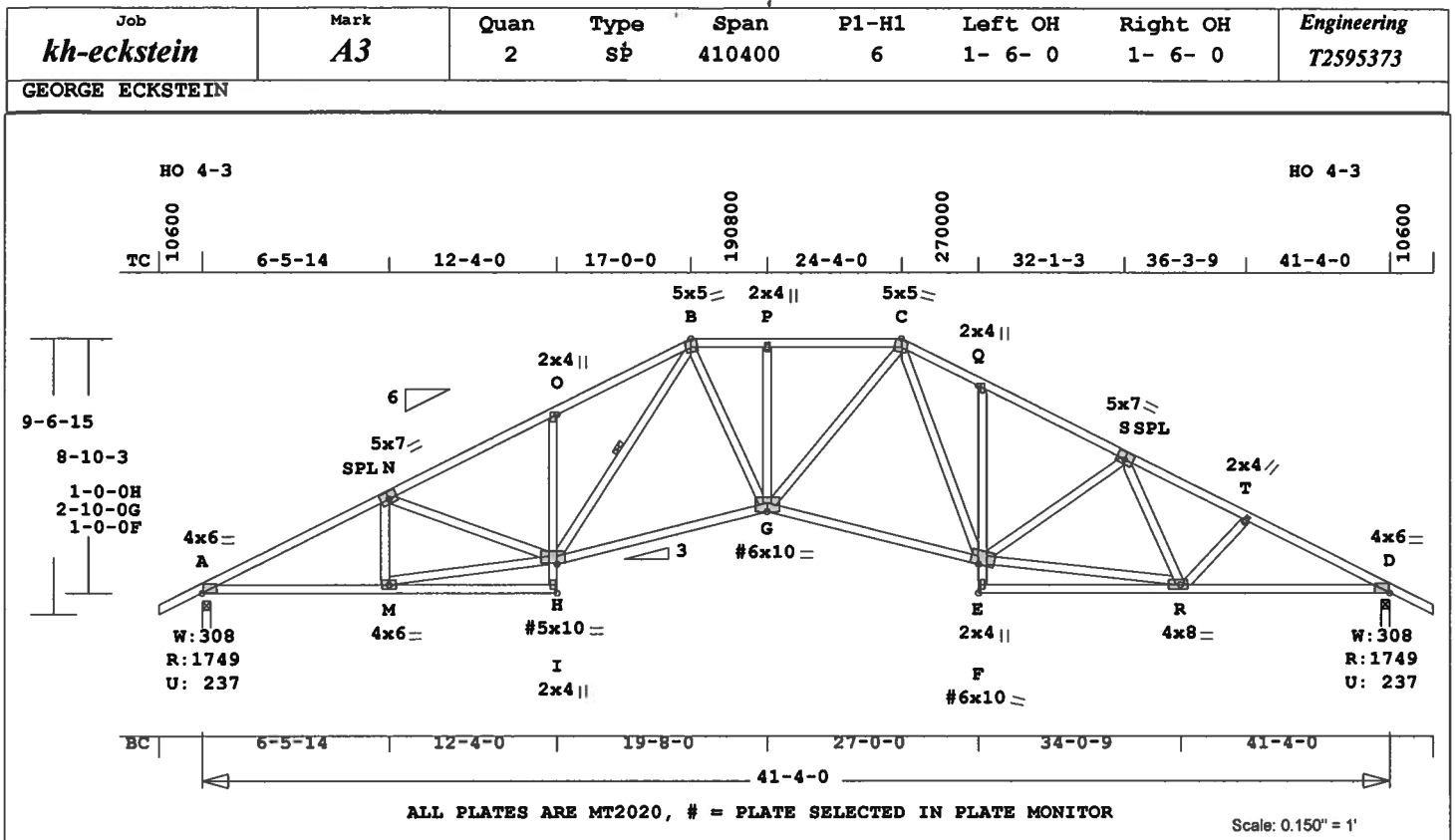
REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL 33610

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 3114 Lbs
 Max tens. force 2837 Lbs
 Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 327.7 LBS
 Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

CSI -Size- ----Lumber-----
 TC 0.42 2x 4 SP-#2
 BC 0.59 2x 4 SP-#2
 CW 0.19 2x 4 SP-#2
 WB 0.55 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 41- 4- 0
 BC Cont. 0- 0- 0 41- 4- 0
 One Continuous Lateral Brace
 H -B
 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 1749 237 U 186 R
 D 1749 237 U 186 R

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

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

Membr CSI P Lbs Ax1-CSI-Bnd
 -----Top Chords-----
 A -N 0.42 3072 C 0.17 0.25
 N -O 0.42 3047 C 0.17 0.25
 O -B 0.41 3079 C 0.19 0.22
 B -P 0.26 2969 C 0.17 0.09
 P -C 0.27 2969 C 0.05 0.22
 C -Q 0.30 2793 C 0.18 0.12
 Q -S 0.30 2762 C 0.16 0.14
 S -T 0.31 2944 C 0.17 0.14
 T -D 0.29 3113 C 0.17 0.12
 -----Bottom Chords-----
 A -M 0.54 2747 T 0.46 0.08
 M -I 0.18 82 C 0.00 0.18
 I -G 0.59 2626 T 0.44 0.15

G -F 0.56 2426 T 0.40 0.16
 E -R 0.29 79 C 0.00 0.29
 R -D 0.59 2775 T 0.46 0.13
 -----Chord-Webs-----
 I -H 0.13 96 T 0.00 0.13
 H -O 0.19 359 C 0.01 0.18
 E -F 0.12 114 T 0.01 0.11
 F -Q 0.19 285 T 0.01 0.18
 -----Webs-----
 M -N 0.04 327 C
 M -H 0.50 2742 T
 N -H 0.03 160 T
 H -B 0.08 355 T 1 Br
 B -G 0.17 938 T
 G -P 0.06 152 C
 G -C 0.20 931 T
 C -F 0.24 354 T
 F -S 0.11 249 C
 F -R 0.55 2665 T
 S -R 0.02 80 T
 R -T 0.03 231 T

TL Defl -0.52" in G -F L/938
 LL Defl -0.23" in G -F L/999
 Hz Disp LL DL TL
 Jt D 0.11" 0.11" 0.22"
 Shear // Grain in A -N 0.20

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 0.75
 N MT20 5.0x 7.0-0.2 0.5 0.79
 O MT20 2.0x 4.0 Ctr 0.23
 B MT20 5.0x 5.0 0.3-3.2 0.84
 P MT20 2.0x 4.0 Ctr 0.48
 C MT20 5.0x 5.0-0.3-3.2 0.84
 Q MT20 2.0x 4.0 Ctr 0.23
 S MT20 5.0x 7.0 0.2 0.5 0.79
 T MT20 2.0x 4.0 Ctr 0.48
 D MT20 4.0x 6.0 Ctr 0.1 0.75
 M MT20 4.0x 6.0 Ctr 0.89
 I MT20 2.0x 4.0 Ctr 0.60
 H# MT20 5.0x10.0 Ctr 1.4 0.69
 G# MT20 6.0x10.0 Ctr-0.6 0.69
 F# MT20 6.0x10.0 0.2 0.8 0.69
 E MT20 2.0x 4.0 Ctr 0.60
 R MT20 4.0x 8.0-1.0 Ctr 0.93

= 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.

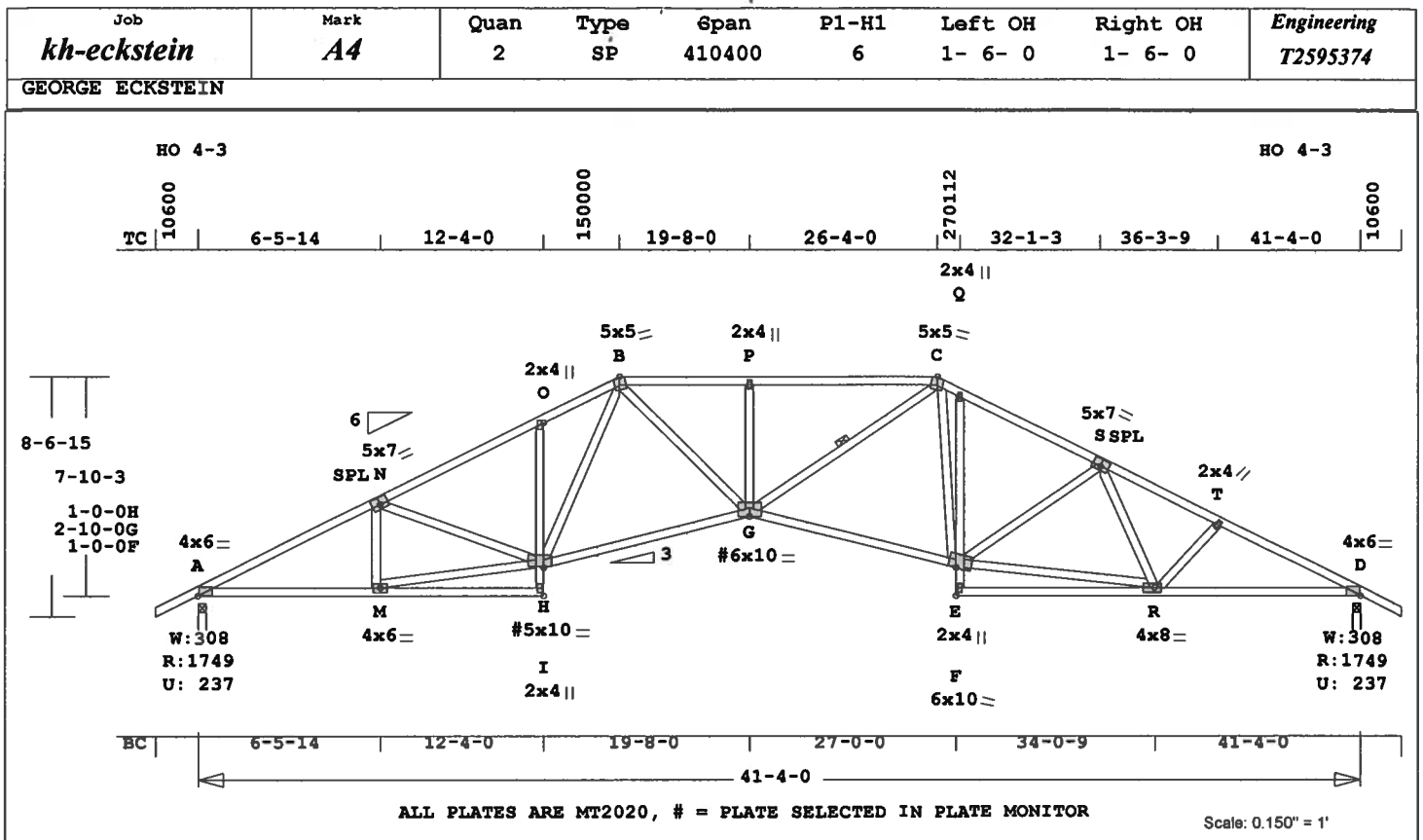
NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004

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 3113 Lbs
 Max tens. force 2775 Lbs
 Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 320.9 LBS
 Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

CSI	-Size-	-----Lumber-----
TC	0.57	2x 4 SP-#2
BC	0.60	2x 4 SP-#2
CW	0.23	2x 4 SP-#2
WB	0.56	2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 41- 4- 0
 BC Cont. 0- 0- 0 41- 4- 0
 One Continuous Lateral Brace
 G - C
 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 1749 237 U 164 R
 D 1749 237 U 164 R

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

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

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A - N	0.43	3074 C	0.17 0.26
N - O	0.42	3046 C	0.16 0.26
O - B	0.35	3100 C	0.19 0.16
B - P	0.36	3634 C	0.09 0.27
P - C	0.57	3634 C	0.18 0.39
C - Q	0.32	2869 C	0.18 0.14
Q - S	0.33	2762 C	0.16 0.17
S - T	0.33	2944 C	0.16 0.17
T - D	0.29	3113 C	0.17 0.12
-----Bottom Chords-----			
A - M	0.54	2748 T	0.46 0.08
M - I	0.18	80 C	0.00 0.18
I - G	0.60	2698 T	0.45 0.15
G - F	0.58	2502 T	0.42 0.16

E - R	0.29	76 C	0.00 0.29
R - D	0.59	2774 T	0.46 0.13
-----Chord-Webs-----			
I - H	0.12	96 T	0.00 0.12
H - O	0.19	347 C	0.01 0.18
E - F	0.13	114 T	0.01 0.12
F - Q	0.23	382 C	0.03 0.20
-----Webs-----			
M - N	0.05	329 C	
N - H	0.50	2750 T	
H - H	0.03	173 T	
H - B	0.17	300 T	
B - G	0.25	1387 T	
G - P	0.08	308 C	
G - C	0.26	1438 T	1 Br
C - F	0.18	428 T	
F - S	0.12	254 C	
F - R	0.56	2671 T	
S - R	0.02	78 T	
R - T	0.03	231 T	

TL Defl	-0.59"	in G - F	L/830
LL Defl	-0.27"	in G - F	L/999
Hx Disp	LL	DL	TL
Jt D	0.12"	0.13"	0.25"
Shear //	Grain	in P - C	0.27

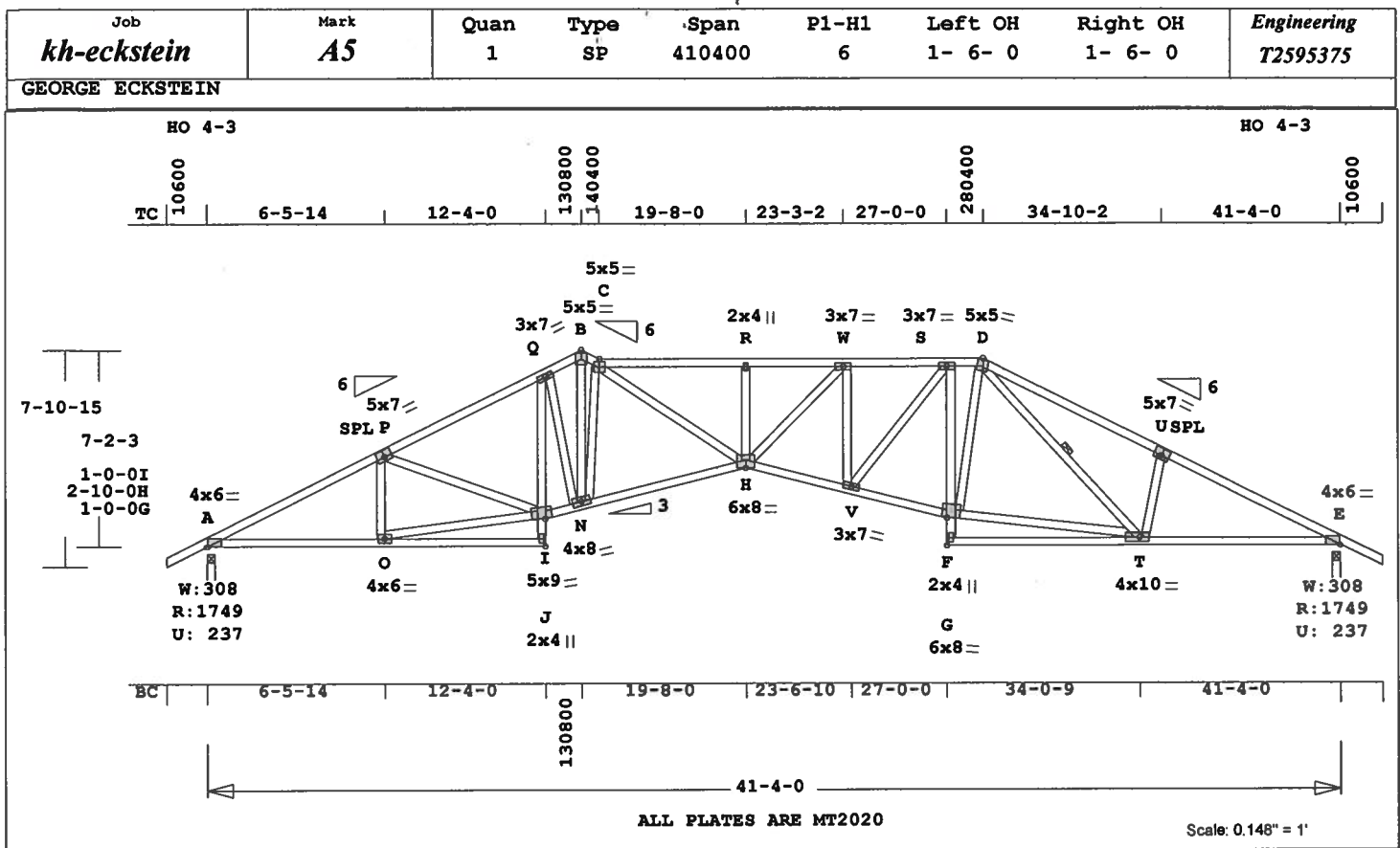
Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 4.0x 6.0 Ctr 0.1 0.75
 N MT20 5.0x 7.0-0.2 0.5 0.79
 O MT20 2.0x 4.0 Ctr Ctr 0.23
 B MT20 5.0x 5.0 0.3-3.2 0.84
 P MT20 2.0x 4.0 Ctr Ctr 0.48
 C MT20 5.0x 5.0-0.3-3.2 0.97
 Q MT20 2.0x 4.0 Ctr Ctr 0.23
 S MT20 5.0x 7.0 0.2 0.5 0.79
 T MT20 2.0x 4.0 Ctr Ctr 0.48
 D MT20 4.0x 6.0 Ctr 0.1 0.75
 M MT20 4.0x 6.0 Ctr Ctr 0.90
 I MT20 2.0x 4.0 Ctr Ctr 0.60
 H# MT20 5.0x10.0 Ctr 1.4 0.71
 G# MT20 6.0x10.0 Ctr-0.6 0.69
 F MT20 6.0x10.0 0.2 0.8 0.69
 E MT20 2.0x 4.0 Ctr Ctr 0.60
 R MT20 4.0x 8.0-1.0 Ctr 0.93

= 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 3634 Lbs
 Max tens. force 2774 Lbs
 Quality Control Factor 1.25

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



Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

CSI -Size- ---Lumber---
 TC 0.57 2x 4 SP-#2
 -- 0.42 2x 4 SP-#1
 C -D
 BC 0.69 2x 4 SP-#2
 CW 0.43 2x 4 SP-#2
 WB 0.72 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 41- 4- 0
 BC Cont. 0- 0- 0 41- 4- 0
 One Continuous Lateral Brace
 D -T
 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 1749 237 U 147 R
 E 1749 237 U 147 R

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

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

Membr CSI P Lbs Axl-CSt-Bnd
 -----Top Chords-----
 A -P 0.44 3077 C 0.17 0.27
 P -Q 0.44 3014 C 0.13 0.31
 Q -B 0.34 3032 C 0.18 0.16
 B -C 0.24 2871 C 0.17 0.07
 C -R 0.42 4595 C 0.18 0.24
 R -W 0.26 4596 C 0.19 0.07
 W -S 0.21 3568 C 0.16 0.05
 S -D 0.26 2695 C 0.13 0.13
 D -U 0.57 3007 C 0.16 0.41
 U -E 0.48 3074 C 0.17 0.31
 -----Bottom Chords-----
 A -O 0.55 2752 T 0.46 0.09
 O -J 0.19 157 T 0.01 0.18
 J -N 0.68 2810 T 0.47 0.21
 N -H 0.65 3071 T 0.51 0.14

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 340.4 LBS

H -V 0.69 3680 T 0.61 0.08
 V -G 0.56 2792 T 0.46 0.10
 F -T 0.29 101 T 0.00 0.29
 T -E 0.59 2751 T 0.46 0.13

-----Chord-Webs-----
 J -I 0.31 96 T 0.00 0.31
 I -Q 0.10 269 C 0.01 0.09
 F -G 0.21 116 T 0.01 0.20
 G -S 0.43 1079 C 0.21 0.22

-----Webs-----
 O -P 0.04 310 C
 O -I 0.48 2629 T
 P -I 0.04 174 T
 Q -N 0.02 206 T
 N -B 0.39 2104 T
 N -C 0.72 2065 C
 C -H 0.35 1910 T
 H -R 0.05 279 C
 H -W 0.26 1419 T
 V -W 0.33 1211 C
 V -S 0.25 1377 T
 G -D 0.15 834 T
 G -T 0.49 2440 T
 D -T 0.06 250 C
 T -U 0.05 363 T

TL Defl -0.69" in N -H L/708
 LL Defl -0.34" in N -H L/999
 Hz Disp LL DL TL
 Jt E 0.15" 0.15" 0.29"
 Shear // Grain in B -C 0.64

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 0.75
 P MT20 5.0x 7.0-0.2 0.5 0.79
 Q MT20 3.0x 7.0 Ctr Ctr 0.38
 B MT20 5.0x 5.0 Ctr Ctr 0.72
 C MT20 5.0x 5.0 Ctr Ctr 0.97
 R MT20 2.0x 4.0 Ctr Ctr 0.48
 W MT20 3.0x 7.0 Ctr Ctr 0.55
 S MT20 3.0x 7.0 Ctr Ctr 0.61
 D MT20 5.0x 5.0-0.3-3.2 0.87
 U MT20 5.0x 7.0 0.2 0.5 0.79
 E MT20 4.0x 6.0 Ctr 0.1 0.75
 O MT20 4.0x 6.0 Ctr Ctr 0.86
 J MT20 2.0x 4.0 Ctr Ctr 0.60
 I MT20 5.0x 9.0 Ctr 0.9 0.69
 N MT20 4.0x 8.0 Ctr Ctr 0.63
 H MT20 6.0x 8.0 Ctr-0.6 0.74
 V MT20 3.0x 7.0 Ctr Ctr 0.74
 G MT20 6.0x 8.0 0.1 1.3 0.74
 F MT20 2.0x 4.0 Ctr Ctr 0.60
 T MT20 4.0x10.0-1.0 Ctr 0.88

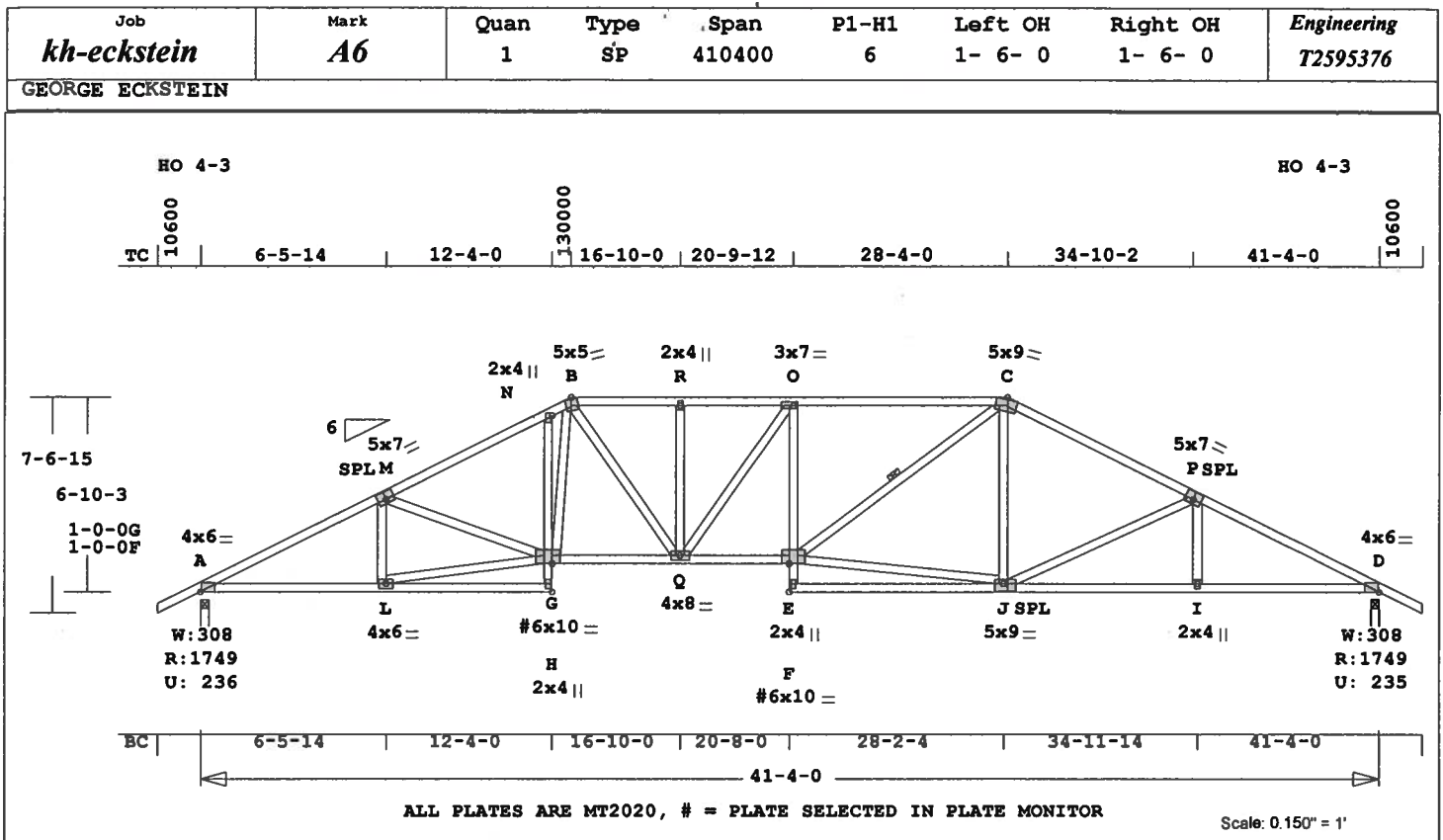
Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL 33610

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 4596 Lbs
 Max tens. force 3680 Lbs
 Quality Control Factor 1.25

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

REVIEWED BY:



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 324.5 LBS
 Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

CSI -Size- ----Lumber-----
 TC 0.70 2x 4 SP-#2
 BC 0.67 2x 4 SP-#2
 CW 0.25 2x 4 SP-#2
 WB 0.49 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 41- 4- 0
 BC Cont. 0- 0- 0 41- 4- 0
 One Continuous Lateral Brace
 F -C
 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 1749 236 U 141 R
 D 1749 235 U 141 R

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

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

Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----
 A -M 0.42 3076 C 0.16 0.26
 M -N 0.42 3047 C 0.13 0.29
 N -B 0.39 3135 C 0.20 0.19
 B -R 0.26 2937 C 0.05 0.21
 R -O 0.46 2937 C 0.05 0.41
 O -C 0.70 3050 C 0.16 0.54
 C -P 0.46 2523 C 0.14 0.32
 P -D 0.49 3073 C 0.17 0.32
 -----Bottom Chords-----
 A -L 0.55 2750 T 0.46 0.09
 L -E 0.18 101 T 0.00 0.18
 E -Q 0.54 2601 T 0.43 0.11
 Q -F 0.64 3058 T 0.51 0.13

E -J	0.36	117 T	0.01	0.35
J -I	0.67	2749 T	0.46	0.21
I -D	0.56	2749 T	0.46	0.10
-----Chord-Webs-----				
H -G	0.21	96 T	0.00	0.21
G -N	0.14	424 T	0.01	0.13
E -F	0.25	117 T	0.01	0.24
F -O	0.12	233 C	0.01	0.11
-----Webs-----				
L -M	0.05	334 C		
L -G	0.49	2687 T		
M -G	0.03	172 T		
G -B	0.22	919 T		
B -Q	0.12	568 T		
Q -R	0.05	147 C		
Q -O	0.11	209 C		
F -C	0.18	988 T	1 Br	
F -J	0.48	2157 T		
J -C	0.04	277 T		
J -P	0.37	544 C		
I -P	0.03	231 T		

TL Defl -0.51" in E -J L/964
 LL Defl -0.22" in Q -F L/999
 Shear // Grain in O -C 0.29

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 0.75
 M MT20 5.0x 7.0-0.2 0.5 0.79
 N MT20 2.0x 4.0 Ctr Ctr 0.23
 B MT20 5.0x 5.0 0.3-3.2 0.98
 R MT20 2.0x 4.0 Ctr Ctr 0.48
 O MT20 3.0x 7.0 Ctr Ctr 0.51
 C MT20 5.0x 9.0-0.8-3.5 0.69
 P MT20 5.0x 7.0 0.2 0.5 0.79
 D MT20 4.0x 6.0 Ctr 0.1 0.75
 L MT20 4.0x 6.0 Ctr Ctr 0.88
 H MT20 2.0x 4.0 Ctr Ctr 0.60
 G# MT20 6.0x10.0 Ctr 1.2 0.69
 Q MT20 4.0x 8.0 Ctr Ctr 0.46
 F# MT20 6.0x10.0 0.1 1.2 0.69
 E MT20 2.0x 4.0 Ctr Ctr 0.60
 J MT20 5.0x 9.0-1.0-0.5 0.94
 I MT20 2.0x 4.0 Ctr Ctr 0.48

= Plate Monitor used

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

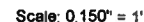
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

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 3135 Lbs
 Max tens. force 3058 Lbs
 Quality Control Factor 1.25

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 FL.Cert.#5555

GEORGE ECKSTEIN

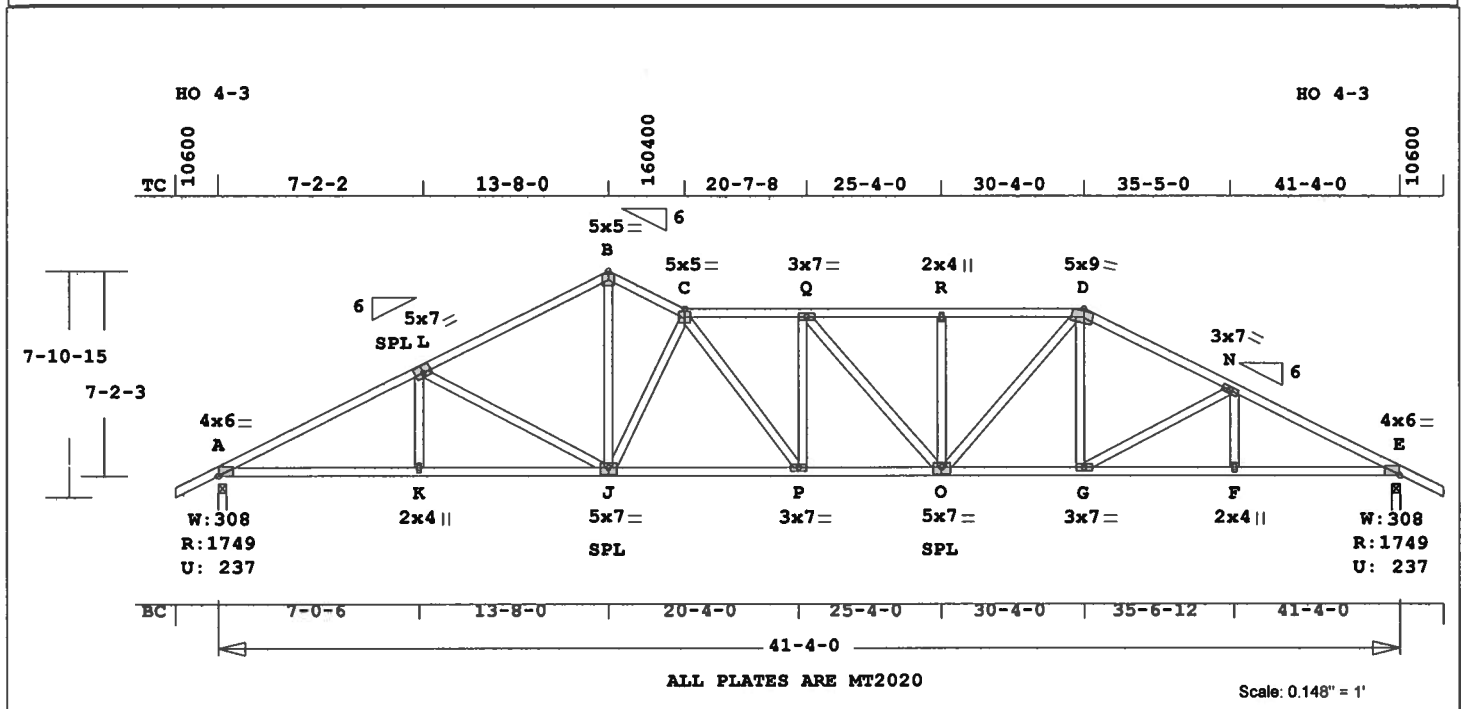


Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 316.6 LBS

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

Job kh-eckstein	Mark A8	Quan 1	Type SP	Span 410400	Pl-H1 6	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2595378
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GEORGE ECKSTEIN



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 297.2 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

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

TC	0.51	2x 4	SP-#2
BC	0.63	2x 4	SP-#2
WB	0.73	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0-	0 41-	4- 0
BC Cont.	0- 0-	0 41-	4- 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	1749	237 U	147 R
E	1749	237 U	147 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -L	0.51	3037 C	0.18 0.33
L -B	0.48	2464 C	0.15 0.33
B -C	0.33	2413 C	0.15 0.18
C -Q	0.26	3052 C	0.18 0.08
Q -R	0.28	2901 C	0.05 0.23
R -D	0.28	2901 C	0.05 0.23
D -N	0.37	2674 C	0.16 0.21
N -E	0.38	3087 C	0.17 0.21
-----Bottom Chords-----			
A -K	0.56	2719 T	0.45 0.11
K -J	0.60	2719 T	0.45 0.15

J -P	0.63	2904 T	0.48 0.15
P -O	0.59	3052 T	0.51 0.08
O -G	0.49	2390 T	0.40 0.09
G -F	0.55	2756 T	0.46 0.09
F -E	0.56	2756 T	0.46 0.10

-----Webs-----			
K -L	0.04	260 T	
L -J	0.41	591 C	
J -B	0.47	1830 T	
J -C	0.73	1574 C	
C -P	0.04	241 T	
P -Q	0.02	109 T	
Q -O	0.15	229 C	
O -R	0.12	318 C	
R -D	0.20	771 T	
G -D	0.05	359 T	
G -N	0.18	410 C	
F -N	0.03	200 T	

TL Defl -0.49" in J -P L/999
LL Defl -0.23" in P -O L/999
Shear // Grain in L -B 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 0.75
L MT20	5.0x 7.0	-0.2 0.5 0.79
B MT20	5.0x 5.0	Ctr Ctr 0.72
C MT20	5.0x 5.0	Ctr Ctr 0.97
Q MT20	3.0x 7.0	Ctr Ctr 0.48
R MT20	2.0x 4.0	Ctr Ctr 0.48
D MT20	5.0x 9.0	-0.8-3.5 0.69
N MT20	3.0x 7.0	Ctr Ctr 0.42
E MT20	4.0x 6.0	Ctr 0.1 0.75
K MT20	2.0x 4.0	Ctr Ctr 0.48
J MT20	5.0x 7.0	Ctr-0.5 0.81
P MT20	3.0x 7.0	Ctr Ctr 0.50
O MT20	5.0x 7.0	Ctr-0.5 0.81
G MT20	3.0x 7.0	Ctr Ctr 0.45
F MT20	2.0x 4.0	Ctr 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 3087 Lbs

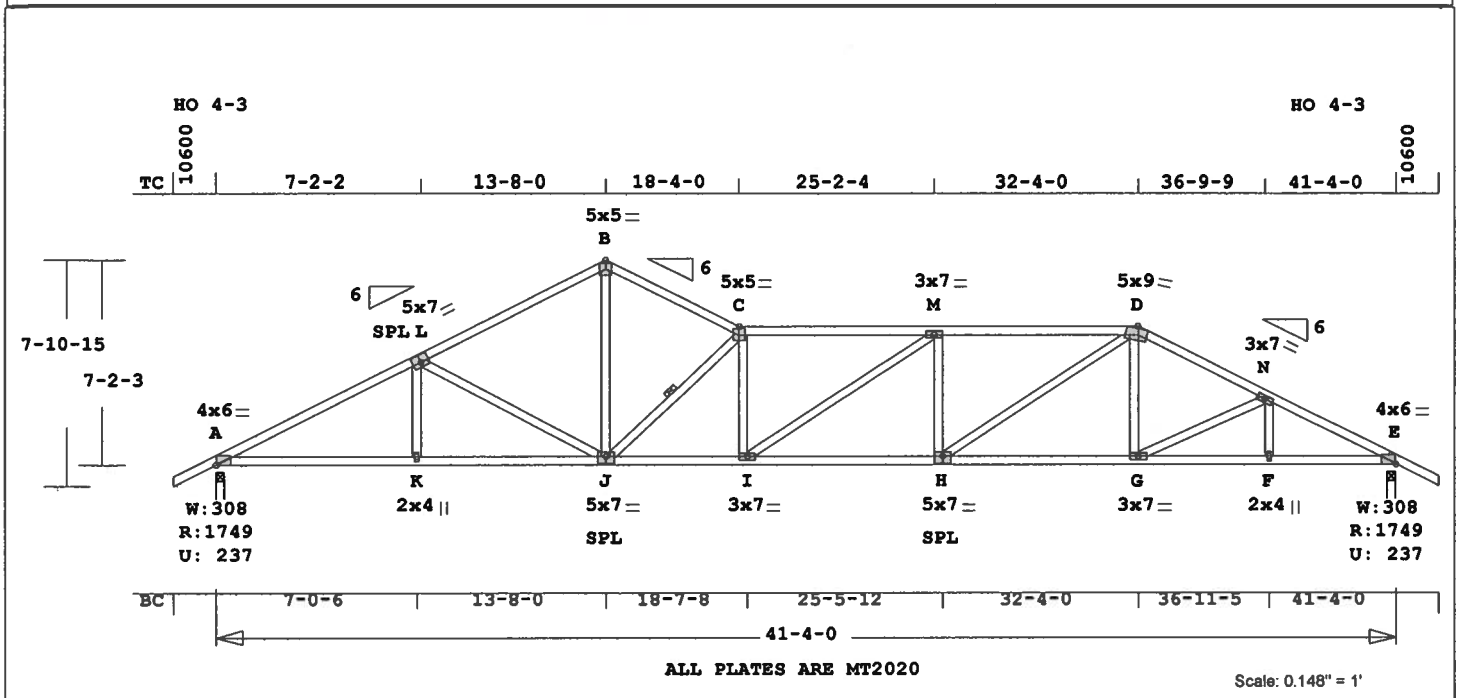
Max tens. force 3052 Lbs

Quality Control Factor 1.25

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

Job kh-eckstein	Mark A9	Quan 1	Type SP	Span 410400	Pl-H1 6	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2595379
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GEORGE ECKSTEIN



ALL PLATES ARE MT2020

Scale: 0.148" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 280.1 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI -Size- ----Lumber-----
TC 0.64 2x 4 SP-#2
BC 0.73 2x 4 SP-#2
WB 0.44 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 41- 4- 0
BC Cont. 0- 0- 0 41- 4- 0
One Continuous Lateral Brace
J -C
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 1749 237 U 147 R
E 1749 237 U 147 R

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

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

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -L 0.51 3037 C 0.17 0.34
L -B 0.48 2462 C 0.14 0.34
B -C 0.38 2432 C 0.05 0.33
C -M 0.53 3714 C 0.09 0.44
M -D 0.64 3572 C 0.19 0.45
D -N 0.32 2844 C 0.05 0.27
N -E 0.30 3125 C 0.18 0.12
-----Bottom Chords-----

A -K	0.56	2719	T	0.45	0.11
K -J	0.56	2719	T	0.45	0.11
J -I	0.73	3714	T	0.62	0.11
I -H	0.73	3572	T	0.59	0.14
H -G	0.56	2551	T	0.42	0.14
G -F	0.58	2782	T	0.46	0.12
F -E	0.60	2782	T	0.46	0.14
-----Webs-----					
K -L	0.04	271	T		
L -J	0.41	590	C		
J -B	0.44	1806	T		
J -C	0.33	2066	C		1 Br
I -C	0.02	140	T		
I -M	0.10	170	T		
H -M	0.13	518	C		
H -D	0.40	1218	T		
G -D	0.04	324	T		
G -N	0.08	249	C		
F -N	0.01	124	T		

TL Defl -0.62" in I -H L/788
LL Defl -0.29" in I -H L/999
Shear // Grain in M -D 0.28

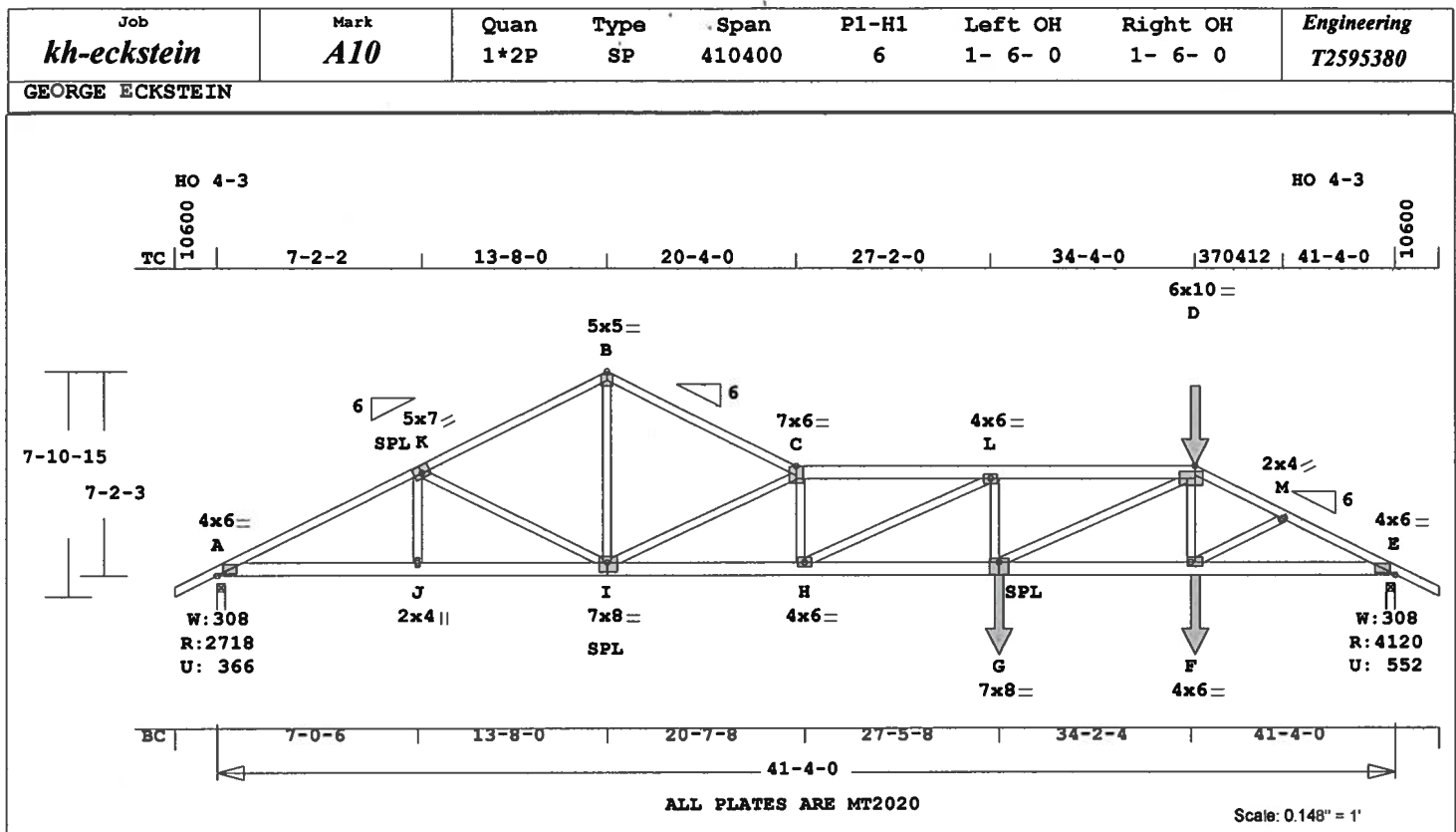
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.75
L MT20 5.0x 7.0-0.2 0.5 0.79
B MT20 5.0x 5.0 Ctr Ctr 0.72
C MT20 5.0x 5.0 Ctr Ctr 0.97
M MT20 3.0x 7.0 Ctr Ctr 0.44
D MT20 5.0x 9.0-0.8-3.5 0.69
N MT20 3.0x 7.0 Ctr Ctr 0.42
E MT20 4.0x 6.0 Ctr 0.1 0.75
K MT20 2.0x 4.0 Ctr Ctr 0.48
J MT20 5.0x 7.0 Ctr-0.5 0.87
I MT20 3.0x 7.0 Ctr Ctr 0.44
H MT20 5.0x 7.0 Ctr-0.5 0.81
G MT20 3.0x 7.0 Ctr Ctr 0.47
F MT20 2.0x 4.0 Ctr 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 3714 Lbs
Max tens. force 3714 Lbs
Quality Control Factor 1.25

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



Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

 * 2-Ply Truss *

CSI -Size- ---Lumber---
 TC 0.60 2x 4 SP-#2
 -- 0.56 2x 6 SP-#2
 C -D
 BC 0.94 2x 6 SP-#2
 WB 0.74 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 41- 4- 0
 BC Cont. 0- 0- 0 41- 4- 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 2719 366 U 146 R
 E 4120 553 U 146 R

Jt Brg Size Required
 A 3.5" 1.6"
 E 3.5" 2.4"

LC# 1 Standard Loading
 Dur Fctrs - Lbr 1.25 Plt 1.25
 plf - Dead Live* From To
 TC V 20 40 0.0' 41.3'
 BC V 20 0 0.0' 41.3'
 TC V 25 50 27.3' 34.3'
 BC V 25 0 27.3' 34.3'
 BC V 1027 1027 27.5' CL-LB
 BC V 174 174 34.3' CL-LB
 TC V 120 120 34.3' CL-LB

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

Membr CSI P Lbs Axl-Csi-Bnd
 -----Top Chords-----
 A -K 0.33 5212 C 0.16 0.17
 K -B 0.33 4679 C 0.16 0.17
 B -C 0.60 4650 C 0.10 0.50
 C -L 0.46 10922 C 0.10 0.36
 L -D 0.56 12217 C 0.16 0.40
 D -M 0.41 8318 C 0.14 0.27

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 317.1 LBS

M -E 0.34 8368 C 0.16 0.18
 -----Bottom Chords-----
 A -J 0.41 4664 T 0.31 0.10
 J -I 0.40 4664 T 0.31 0.09
 I -H 0.84 10902 T 0.72 0.12
 H -G 0.94 12217 T 0.81 0.13
 G -F 0.63 7473 T 0.49 0.14
 F -E 0.56 7446 T 0.49 0.07
 -----Webs-----
 J -K 0.01 239 T
 K -I 0.05 534 C
 I -B 0.34 3693 T
 I -C 0.74 7441 C
 H -C 0.06 796 T
 H -L 0.14 1445 C
 G -L 0.04 536 T
 G -D 0.48 5231 T
 F -D 0.05 676 T
 F -M 0.00 132 T

TL Defl -0.78" in H -G L/624
 LL Defl -0.39" in H -G L/999
 Shear // Grain in L -D 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 0.78
 K MT20 5.0x 7.0-0.2 0.5 0.79
 B MT20 5.0x 5.0 Ctr Ctr 0.72
 C MT20 7.0x 6.0 Ctr Ctr 0.77
 L MT20 4.0x 6.0 Ctr Ctr 0.45
 D MT20 6.0x10.0 Ctr Ctr 0.91
 M MT20 2.0x 4.0 Ctr Ctr 0.48
 E MT20 4.0x 6.0 Ctr Ctr 0.94
 J MT20 2.0x 4.0 Ctr Ctr 0.48
 I MT20 7.0x 8.0 0.5-0.8 0.94
 H MT20 4.0x 6.0 Ctr Ctr 0.45
 G MT20 7.0x 8.0 Ctr-2.0 0.85
 F MT20 4.0x 6.0 Ctr Ctr 0.44

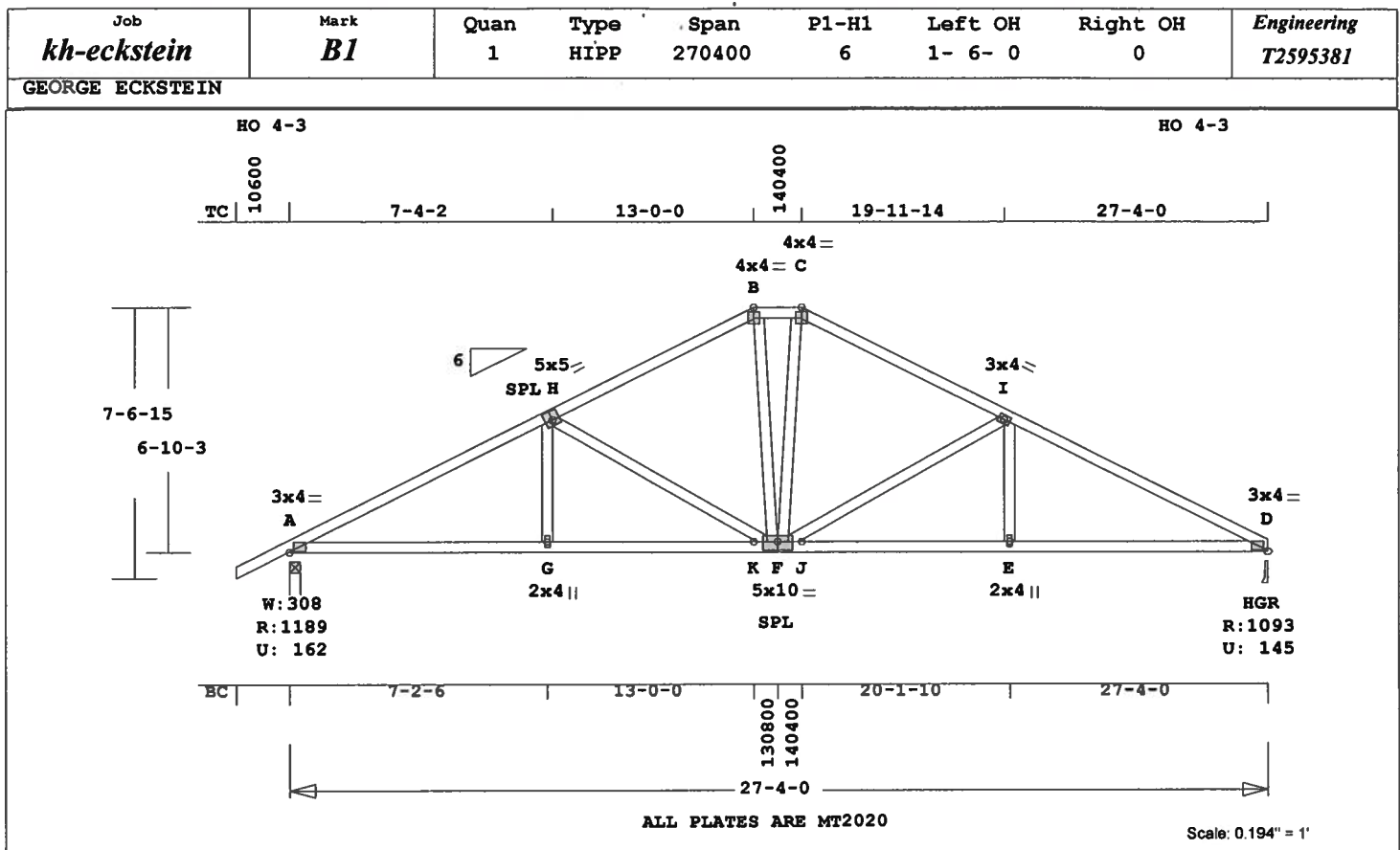
REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL 33610

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
 Web Connection Exception --
 Use 4" spacing for screws or
 nails on the following webs
 I -C
 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 12217 Lbs
 Max tens. force 12217 Lbs
 Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.6 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI -Size-	-----Lumber-----
TC	0.45 2x 4 SP-#2
BC	0.43 2x 4 SP-#2
WB	0.40 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	27- 4- 0
BC	Cont.	0- 0- 0	27- 4- 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	1189	162 U	130 R
D	1093	146 U	130 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)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -H	0.45	1821 C	0.11	0.34
H -B	0.42	1243 C	0.08	0.34
B -C	0.19	1129 C	0.09	0.10
C -I	0.42	1243 C	0.08	0.34
I -D	0.45	1822 C	0.11	0.34
-----Bottom Chords-----				
A -G	0.43	1635 T	0.27	0.16

G -F	0.43	1635 T	0.27	0.16
F -E	0.43	1635 T	0.27	0.16
E -D	0.43	1635 T	0.27	0.16

-----Webs-----				
G -H	0.04	280 T		
H -F	0.40	614 C		
B -F	0.12	363 T		
F -C	0.12	363 T		
F -I	0.40	614 C		
E -I	0.04	280 T		

TL Defl	-0.15"	in A -G	L/999
LL Defl	-0.06"	in G -F	L/999
Shear //	Grain	in A -H	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 3.0x 4.0 Ctr Ctr 0.88
H MT20 5.0x 5.0-0.2 0.5 0.65
B MT20 4.0x 4.0 Ctr Ctr 0.99
C MT20 4.0x 4.0 Ctr Ctr 0.99
I MT20 3.0x 4.0 Ctr Ctr 0.66
D MT20 3.0x 4.0 Ctr Ctr 0.88
G MT20 2.0x 4.0 Ctr Ctr 0.40
F MT20 5.0x10.0 Ctr-0.5 0.66
E MT20 2.0x 4.0 Ctr Ctr 0.40

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

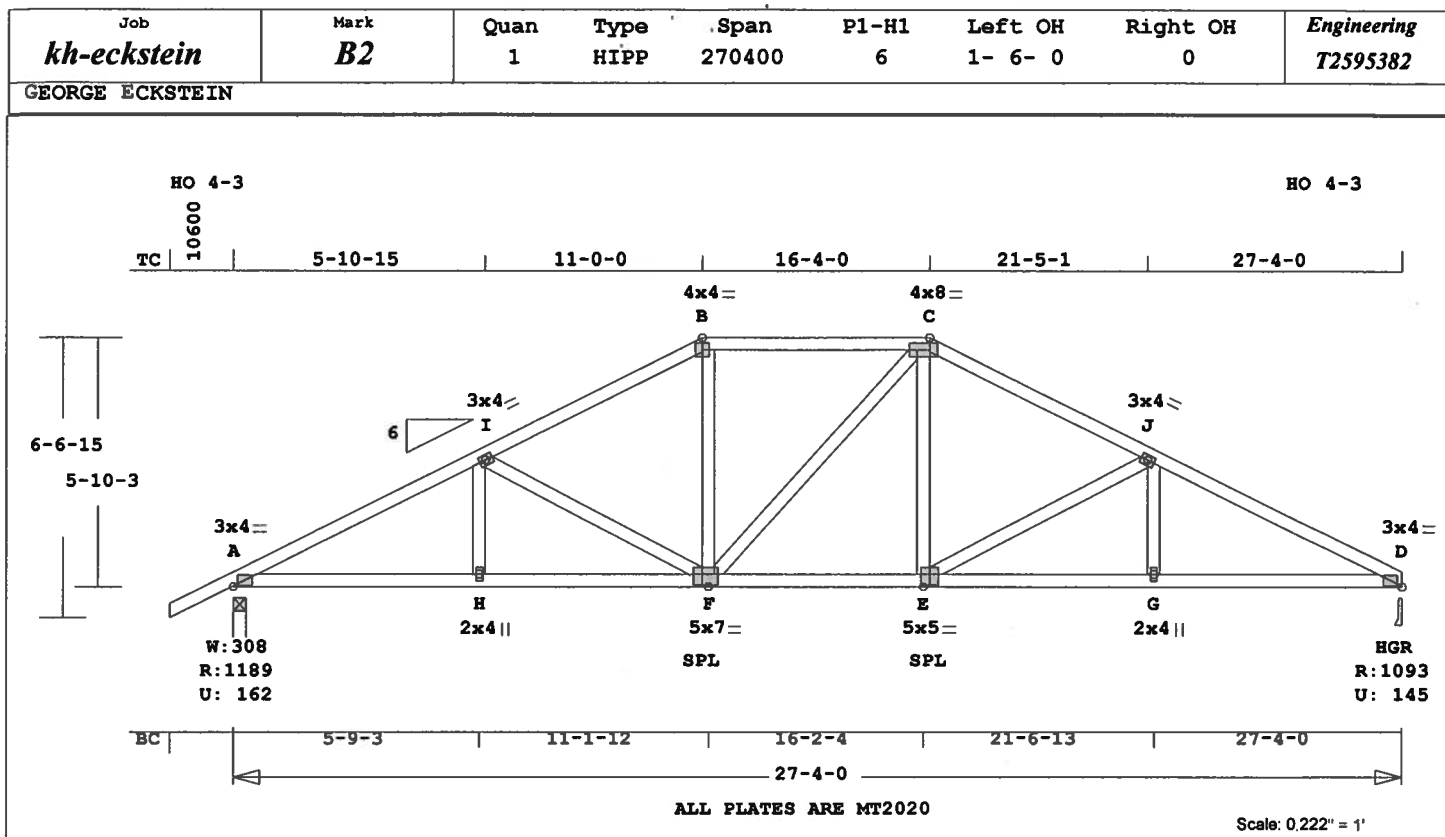
BC Dead Load: 5.0 psf

Max comp. force 1822 Lbs

Max tens. force 1635 Lbs

Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 177.1 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI	-Size-	----	Lumber----
TC	0.34	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.21	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	27- 4- 0
BC	Cont.	0- 0- 0	27- 4- 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	1189	162 U	110 R
D	1093	146 U	110 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)

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----

A	-I	0.34	1901	C	0.11	0.23
I	-B	0.32	1446	C	0.09	0.23
B	-C	0.25	1291	C	0.01	0.24
C	-J	0.32	1445	C	0.09	0.23
J	-D	0.34	1900	C	0.11	0.23

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

A	-H	0.36	1702	T	0.28	0.08
H	-F	0.36	1702	T	0.28	0.08
F	-E	0.29	1286	T	0.21	0.08

E	-G	0.35	1701	T	0.28	0.07
G	-D	0.36	1701	T	0.28	0.08
-----Webs-----						
H	-I	0.03	216	T		
I	-F	0.21	468	C		
F	-B	0.06	369	T		
F	-C	0.05	80	T		
E	-C	0.06	370	T		
E	-J	0.21	465	C		
G	-J	0.03	218	T		

TL Defl -0.15" in E -G L/999
LL Defl -0.07" in F -E L/999
Shear // Grain in A -I 0.19

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 0.88
I MT20 3.0x 4.0 Ctr Ctr 0.66
B MT20 4.0x 4.0 Ctr Ctr 0.99
C MT20 4.0x 8.0 Ctr Ctr 0.99
J MT20 3.0x 4.0 Ctr Ctr 0.66
D MT20 3.0x 4.0 Ctr Ctr 0.88
H MT20 2.0x 4.0 Ctr Ctr 0.40
F MT20 5.0x 7.0 1.0-0.5 0.66
E MT20 5.0x 5.0 Ctr-0.5 0.66
G MT20 2.0x 4.0 Ctr Ctr 0.40

REVIEWED BY:

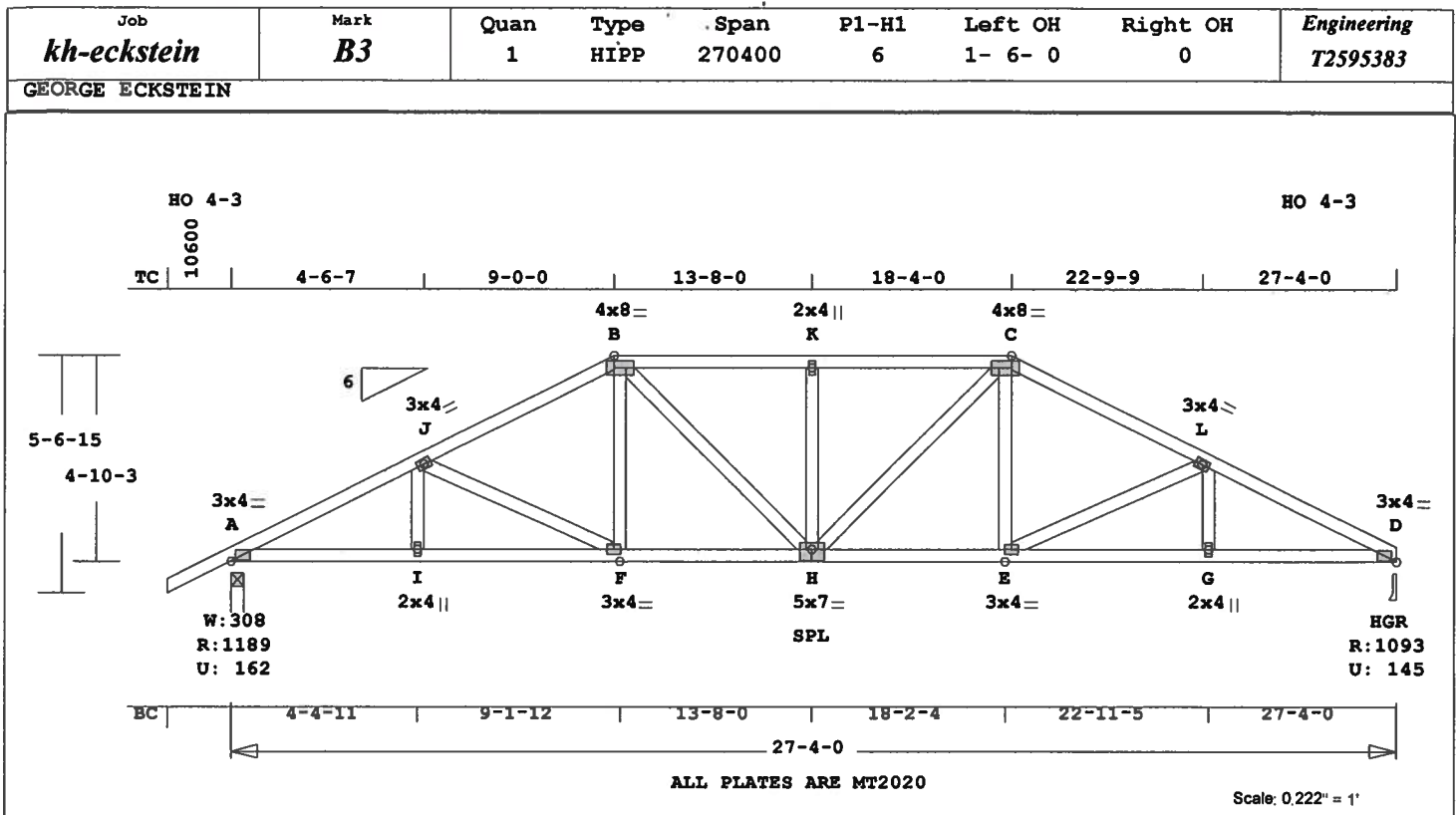
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 1901 Lbs
Max tens. force 1702 Lbs
Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 183.9 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI	Size	Lumber
TC	0.27	2x 4 SP-#2
BC	0.36	2x 4 SP-#2
WB	0.11	2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	27- 4- 0	
BC Cont.	0- 0- 0	27- 4- 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	1189	162 U	89 R
D	1093	146 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)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -J	0.26	1965 C	0.11	0.15
J -B	0.27	1612 C	0.10	0.17
B -K	0.22	1635 C	0.01	0.21
K -C	0.22	1635 C	0.01	0.21
C -L	0.27	1612 C	0.10	0.17
L -D	0.26	1965 C	0.11	0.15
-----Bottom Chords-----				
A -I	0.36	1755 T	0.29	0.07
I -F	0.36	1755 T	0.29	0.07
F -H	0.31	1440 T	0.24	0.07

	H -E	0.31	1439 T	0.24	0.07
J -F	0.11	342 C			
F -B	0.04	302 T			
B -H	0.06	275 T			
H -K	0.08	304 C			
H -C	0.06	275 T			
E -C	0.04	301 T			
E -L	0.11	342 C			
G -L	0.02	160 T			

TL Defl -0.16" in F -H L/999
LL Defl -0.08" in F -H L/999
Shear // Grain in B -K 0.19

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

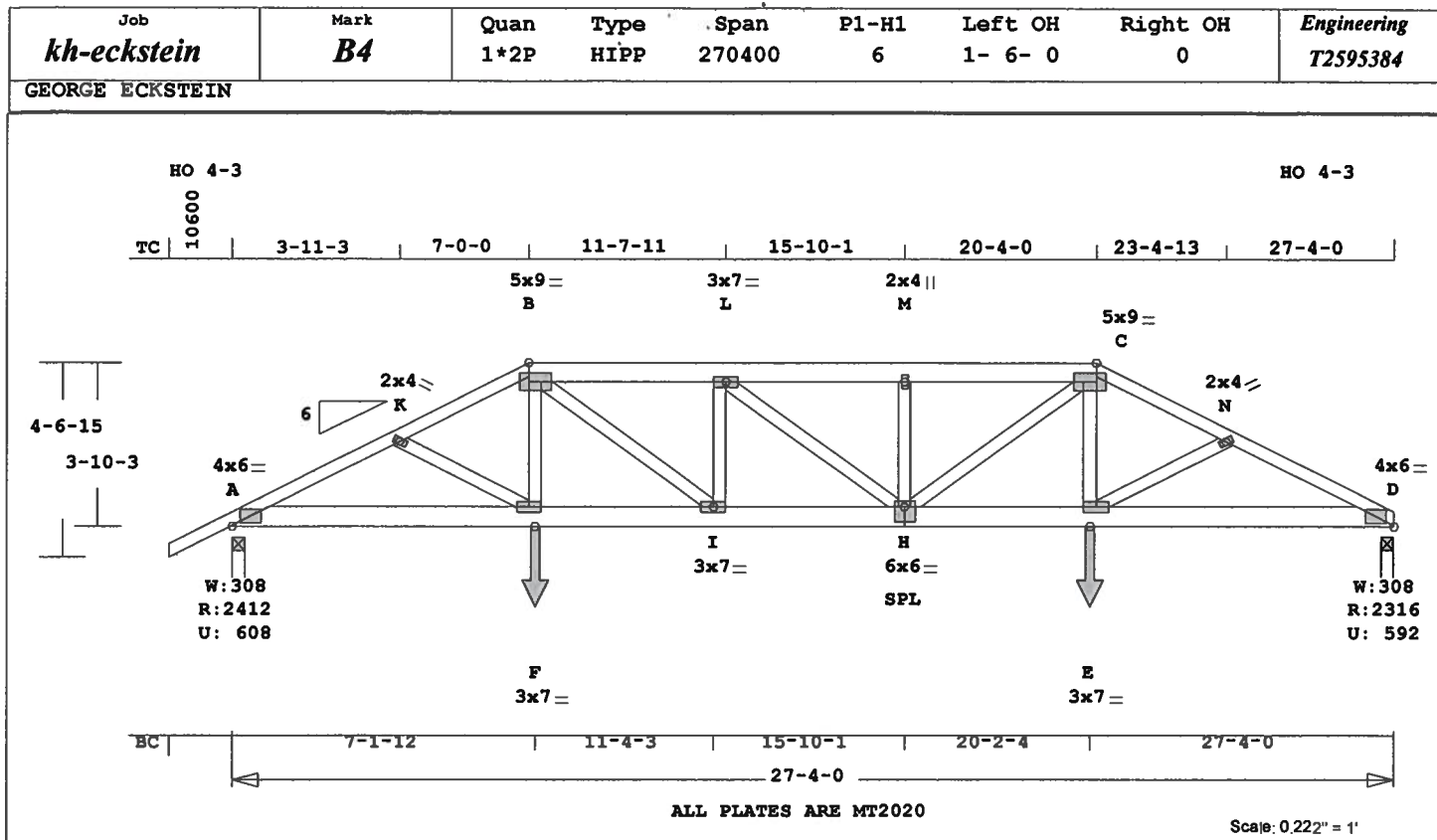
A	MT20	3.0x 4.0	Ctr Ctr	0.88
J	MT20	3.0x 4.0	Ctr Ctr	0.66
B	MT20	4.0x 8.0	Ctr Ctr	0.99
K	MT20	2.0x 4.0	Ctr Ctr	0.40
C	MT20	4.0x 8.0	Ctr Ctr	0.99
L	MT20	3.0x 4.0	Ctr Ctr	0.66
D	MT20	3.0x 4.0	Ctr Ctr	0.88
I	MT20	2.0x 4.0	Ctr Ctr	0.40
F	MT20	3.0x 4.0	Ctr Ctr	0.59
H	MT20	5.0x 7.0	Ctr-0.5	0.66
E	MT20	3.0x 4.0	Ctr Ctr	0.59
G	MT20	2.0x 4.0	Ctr Ctr	0.40

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 1965 Lbs
Max tens. force 1755 Lbs
Quality Control Factor 1.25

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Robbins Engineering
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Tampa, FL 33610
FL Cert. #5555



Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

 * 2-Ply Truss *

CSI	Size	Lumber
TC	0.36 2x 4	SP-#2
BC	0.26 2x 6	SP-#2
WB	0.13 2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	27- 4- 0	
BC Cont.	0- 0- 0	27- 4- 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	2412	609 U	68 R
D	2316	592 U	68 R

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

LC# 1 Girder Loading

plf	Dead	Live	From	To
TC V	20	40	0.0'	27.3'
BC V	20	0	0.0'	27.3'
TC V	25	50	7.0'	20.3'
BC V	25	0	7.1'	20.2'
BC V	280	280	7.1'	CL-LB
BC V	280	280	20.2'	CL-LB

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
A	-K	0.30	4617 C	0.22 0.08
K	-B	0.35	4513 C	0.22 0.13
B	-L	0.26	5261 C	0.18 0.08
L	-M	0.24	5255 C	0.18 0.06
M	-C	0.26	5255 C	0.18 0.08
C	-N	0.36	4514 C	0.22 0.14

Robbins Engineering, Inc./Online Plus™ APPRox. TRUSS WEIGHT: 212.4 LBS

N	D	0.28	4617 C	0.23	0.05
-----Bottom Chords-----					
A	-F	0.35	4113 T	0.27	0.08
F	-I	0.33	4055 T	0.27	0.06
I	-H	0.38	5261 T	0.35	0.03
H	-E	0.33	4055 T	0.27	0.06
E	-D	0.35	4113 T	0.27	0.08
-----Webs-----					
K	-F	0.01	168 T		
F	-B	0.06	714 T		
B	-I	0.13	1500 T		
I	-L	0.03	666 C		
L	-H	0.00	37 C		
H	-M	0.03	664 C		
M	-C	0.13	1491 T		
C	-E	0.06	715 T		
E	-N	0.01	164 T		

TL Defl -0.19" in I -H L/999
 LL Defl -0.10" in I -H L/999
 Shear // Grain in B -L 0.15

Plates for each ply each face.

Plate	MT20	20 Ga	Gross Area	
Plate	MT2H	20 Ga <td>Gross Area</td>	Gross Area	
Jt Type	Plt Size	X	Y	JSI
A	MT20	4.0x	6.0	Ctr Ctr 0.64
K	MT20	2.0x	4.0	Ctr Ctr 0.40
B	MT20	5.0x	9.0	Ctr Ctr 0.97
L	MT20	3.0x	7.0	Ctr Ctr 0.40
M	MT20	2.0x	4.0	Ctr Ctr 0.40
C	MT20	5.0x	9.0	Ctr Ctr 0.97
N	MT20	2.0x	4.0	Ctr Ctr 0.40
D	MT20	4.0x	6.0	Ctr Ctr 0.64
F	MT20	3.0x	7.0	Ctr Ctr 0.41
I	MT20	3.0x	7.0	Ctr Ctr 0.40
H	MT20	6.0x	6.0	Ctr Ctr 1.2 0.61
E	MT20	3.0x	7.0	Ctr Ctr 0.41

REVIEWED BY:
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 Tampa, FL 33610

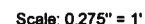
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

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
 2 COMPLETE TRUSSES REQUIRED.

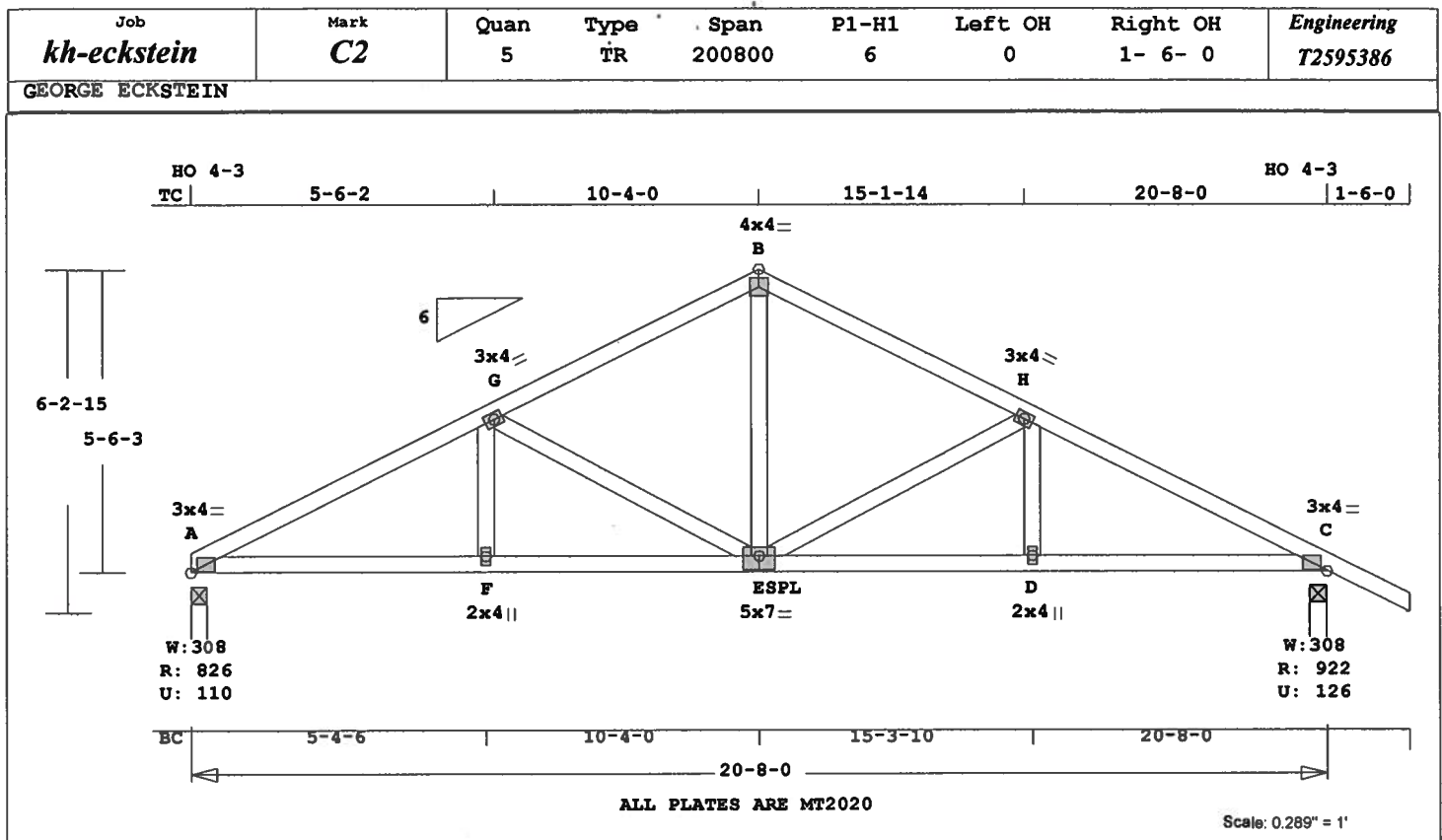
Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 ----Spacing (In)----
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 8 8
 Plus clusters of nails where
 shown.
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent 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 27- 4- 0
 Max comp. force 5261 Lbs
 Max tens. force 5261 Lbs
 Quality Control Factor 1.25

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

GEORGE ECKSTEIN



Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 125.0 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

	CSI	Size	---Lumber---
TC	0.29	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.17	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	20- 8- 0
BC	Cont.	0- 0- 0	20- 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	827	110 U	96 R
C	923	127 U	96 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)

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -G	0.29	1359	C	0.08 0.21
G -B	0.27	924	C	0.06 0.21
B -H	0.27	924	C	0.06 0.21
H -C	0.29	1359	C	0.08 0.21

-----Bottom Chords-----					
A -F	0.28	1219	T	0.20	0.08
F -E	0.28	1219	T	0.20	0.08
E -D	0.28	1219	T	0.20	0.08
D -C	0.28	1219	T	0.20	0.08
-----Webs-----					
F -G	0.03	201	T		
G -E	0.17	453	C		
E -B	0.09	538	T		
E -H	0.17	453	C		
D -H	0.03	201	T		

TL Defl -0.08" in E -D L/999
LL Defl -0.04" in E -D 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 3.0x 4.0 Ctr Ctr 0.78
G MT20 3.0x 4.0 Ctr Ctr 0.58
B MT20 4.0x 4.0 Ctr Ctr 0.65
H MT20 3.0x 4.0 Ctr Ctr 0.58
C MT20 3.0x 4.0 Ctr Ctr 0.78
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 5.0x 7.0 Ctr-0.5 0.58
D 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.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

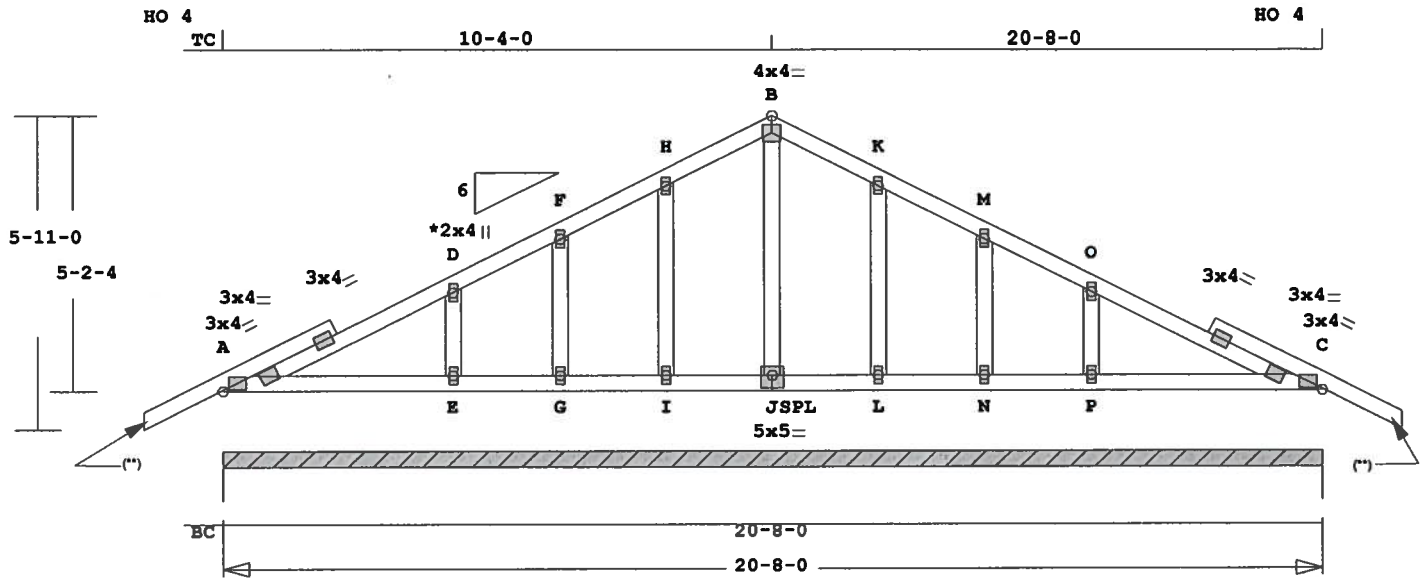
Analysis Conforms To:

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 1359 Lbs
Max tens. force 1219 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
kh-eckstein	C3	1	TR	200800	6	0	0	T2595387

GEORGE ECKSTEIN



ALL PLATES ARE MT2020
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.275" = 1'

Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI	Size	Lumber
TC	0.11 2x 4	SP-#2 (")
BC	0.11 2x 4	SP-#2
GW	0.03 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	20- 8- 0
BC Cont.	0- 0- 0	20- 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	24.0"
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	1653	220 U	90 R

Jt	Brg Size	Required
A	248.0"	0"-to- 248"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -D	0.11	146 C	0.00	0.11
D -F	0.11	172 C	0.00	0.11
F -H	0.04	190 T	0.02	0.02
H -B	0.06	247 T	0.03	0.03
B -K	0.06	247 T	0.03	0.03
K -M	0.04	190 T	0.01	0.03
M -O	0.11	172 C	0.00	0.11
O -C	0.11	146 C	0.00	0.11
-----Bottom Chords-----				
A -E	0.11	9 T	0.00	0.11
E -G	0.07	0 T	0.00	0.07
G -I	0.02	0 T	0.00	0.02
I -J	0.02	0 T	0.00	0.02

APPROX. TRUSS WEIGHT: 134.3 LBS

J	-L	0.02	0 T	0.00	0.02
L	-N	0.02	0 T	0.00	0.02
N	-P	0.07	0 T	0.00	0.07
P	-C	0.11	9 T	0.00	0.11

E	-D	0.03	219 C
G <th>-F</th> <td>0.01</td> <td>93 T</td>	-F	0.01	93 T
I <th>-H</th> <td>0.02</td> <td>180 T</td>	-H	0.02	180 T
J <th>-B</th> <td>0.03</td> <td>105 C</td>	-B	0.03	105 C
L <th>-K</th> <td>0.02</td> <td>180 T</td>	-K	0.02	180 T
N <th>-M</th> <td>0.01</td> <td>93 T</td>	-M	0.01	93 T
P <th>-O</th> <td>0.03</td> <td>219 C</td>	-O	0.03	219 C

TL Defl -0.01" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 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	3.0x 4.0	Ctr	Ctr	0.78
D	MT20	2.0x 4.0	Ctr	Ctr	0.00
F	MT20	2.0x 4.0	Ctr	Ctr	0.00
H	MT20	2.0x 4.0	Ctr	Ctr	0.00
B	MT20	4.0x 4.0	Ctr	Ctr	0.65
K	MT20	2.0x 4.0	Ctr	Ctr	0.00
M	MT20	2.0x 4.0	Ctr	Ctr	0.00
O	MT20	2.0x 4.0	Ctr	Ctr	0.00
C	MT20	3.0x 4.0	Ctr	Ctr	0.78
E	MT20	2.0x 4.0	Ctr	Ctr	0.00
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
I	MT20	2.0x 4.0	Ctr	Ctr	0.00
J	MT20	5.0x 5.0	Ctr	-0.5	0.58
L	MT20	2.0x 4.0	Ctr	Ctr	0.00
N	MT20	2.0x 4.0	Ctr	Ctr	0.00
P	MT20	2.0x 4.0	Ctr	Ctr	0.00

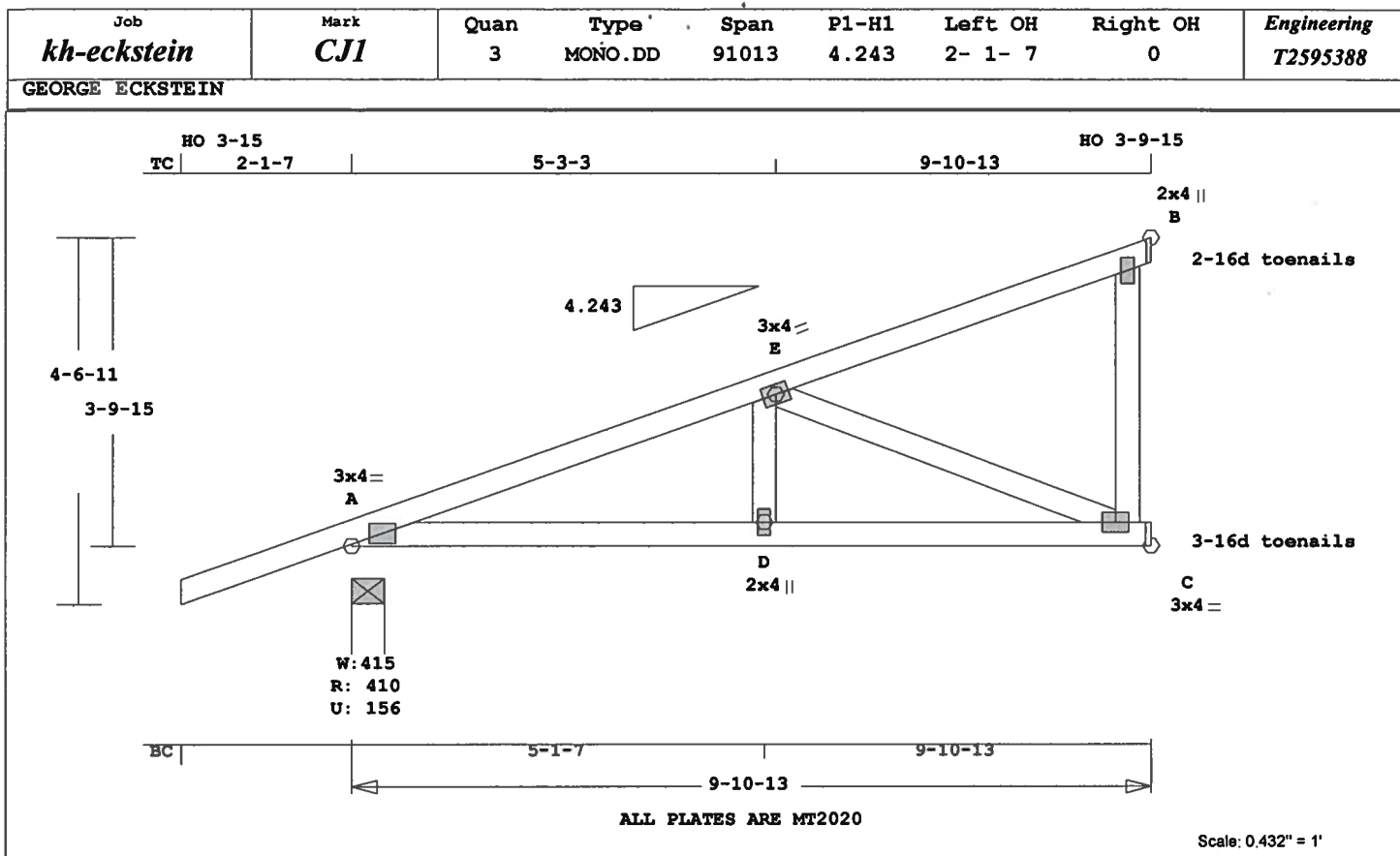
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

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

WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as 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 219 Lbs
Max tens. force 247 Lbs
Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 60.5 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

	CSI	-Size-	-----Lumber-----
TC	0.40	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.19	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	156 U	94 R
C	348	112 U	
B	240	83 U	127 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)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.40	760	T	0.11	0.29
E -B	0.38	77	T	0.00	0.38
-----Bottom Chords-----					
A -D	0.23	808	C	0.07	0.16
D -C	0.27	808	C	0.07	0.20
-----Webs-----					
D -E	0.03	293	C		
E -C	0.19	968	T		
C -B	0.05	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, <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A	MT20	3.0x 4.0	Ctr Ctr 0.64
E	MT20	3.0x 4.0	Ctr Ctr 0.43
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

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6904 Parke East Blvd.
Tampa, FL 33610

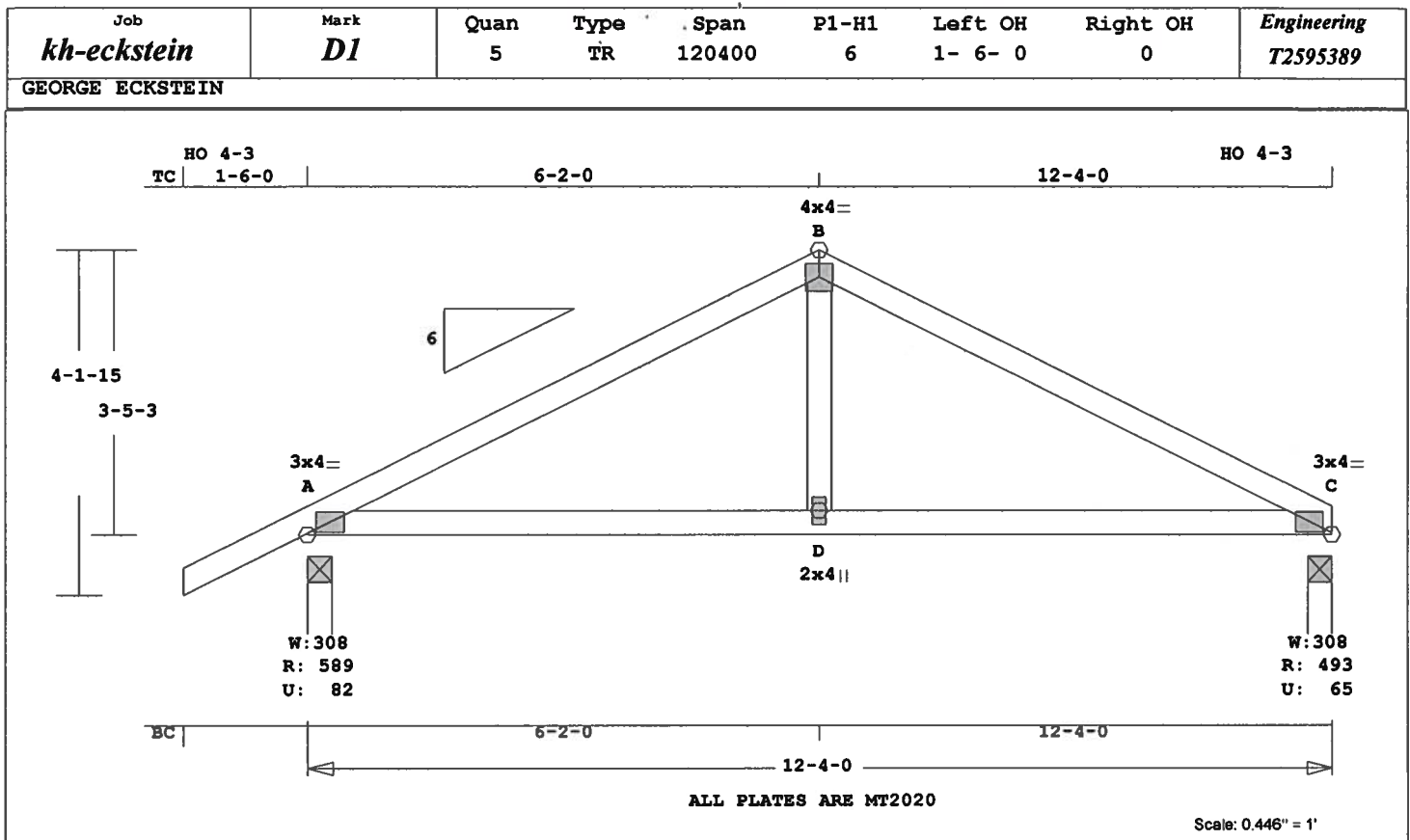
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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
User-defined wind-exposed BC
regions --From-- ---To---
0- 0- 0 9-10-13
Max comp. force 808 Lbs
Max tens. force 968 Lbs
Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.4 LBS
 Online Plus -- Version 21.0.044
 RUN DATE: 05-JUL-07

CSI -Size- ----Lumber-----
 TC 0.30 2x 4 SP-#2
 BC 0.30 2x 4 SP-#2
 WB 0.04 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 4- 0
BC	Cont.	0- 0- 0	12- 4- 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	589	83 U	51 R
C	493	66 U	51 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)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.30	607 C	0.05	0.25
B -C	0.30	607 C	0.05	0.25
-----Bottom Chords-----				

A -D	0.30	547 T	0.09	0.21
D -C	0.30	547 T	0.09	0.21
-----Webs-----				
D -B	0.04	275 T		
TL Defl	-0.05" in A -D L/999			
LL Defl	-0.02" in A -D 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 3.0x 4.0 Ctr Ctr 0.64
 B MT20 4.0x 4.0 Ctr Ctr 0.53
 C MT20 3.0x 4.0 Ctr Ctr 0.64
 D 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.

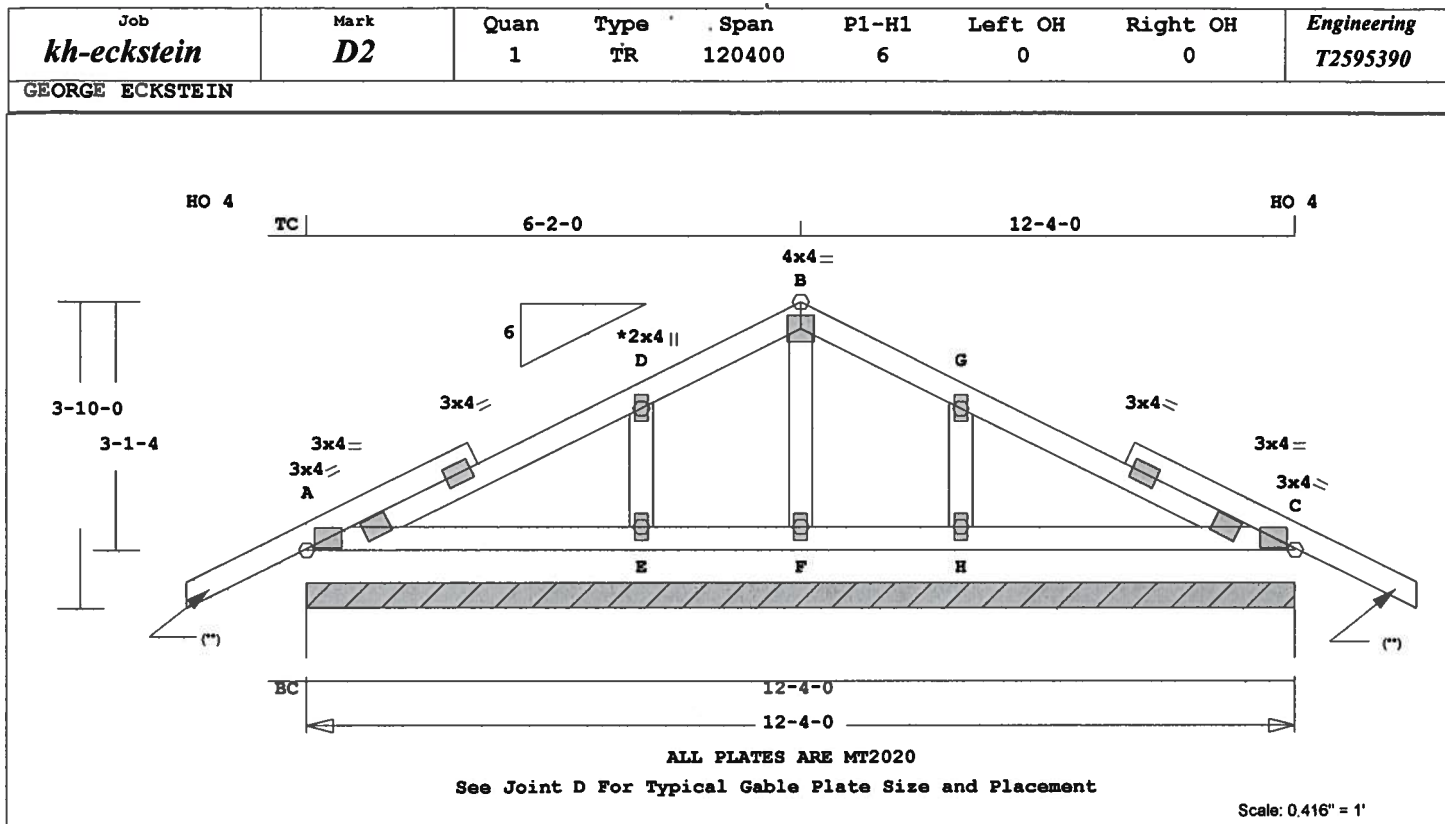
NOTES:

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 607 Lbs
 Max tens. force 547 Lbs
 Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 72.9 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

	CSI	-Size-	-----Lumber-----
TC	0.12	2x 4	SP-#2 (")
BC	0.10	2x 4	SP-#2
GW	0.03	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 4- 0
BC	Cont.	0- 0- 0	12- 4- 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	987	131 U	45 R

Jt	Brg Size	Required
A	148.0"	0"-to- 148"

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -D	0.11	195 C	0.02	0.09
D -B	0.12	269 T	0.03	0.09
B -G	0.12	269 T	0.03	0.09
G -C	0.11	195 C	0.02	0.09
-----Bottom Chords-----				
A -E	0.10	6 T	0.00	0.10
E -F	0.06	0 T	0.00	0.06

F -H	0.06	0 T	0.00	0.06
H -C	0.10	6 T	0.00	0.10
-----Gable Webs-----				
E -D	0.03	274 T		
F -B	0.02	146 C		
H -G	0.03	274 T		

TL Defl	-0.01"	in H -C	L/999
LL Defl	0.00"	in H -C	L/999
Shear // Grain		in A -D	0.13

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 0.64
D MT20 2.0x 4.0 Ctr Ctr 0.00
B MT20 4.0x 4.0 Ctr Ctr 0.53
G MT20 2.0x 4.0 Ctr Ctr 0.00
C MT20 3.0x 4.0 Ctr Ctr 0.64
E MT20 2.0x 4.0 Ctr Ctr 0.00
F MT20 2.0x 4.0 Ctr Ctr 0.00
H MT20 2.0x 4.0 Ctr Ctr 0.00

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

WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.

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

Refer to Gen Det 3 series for
web bracing and plating.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

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

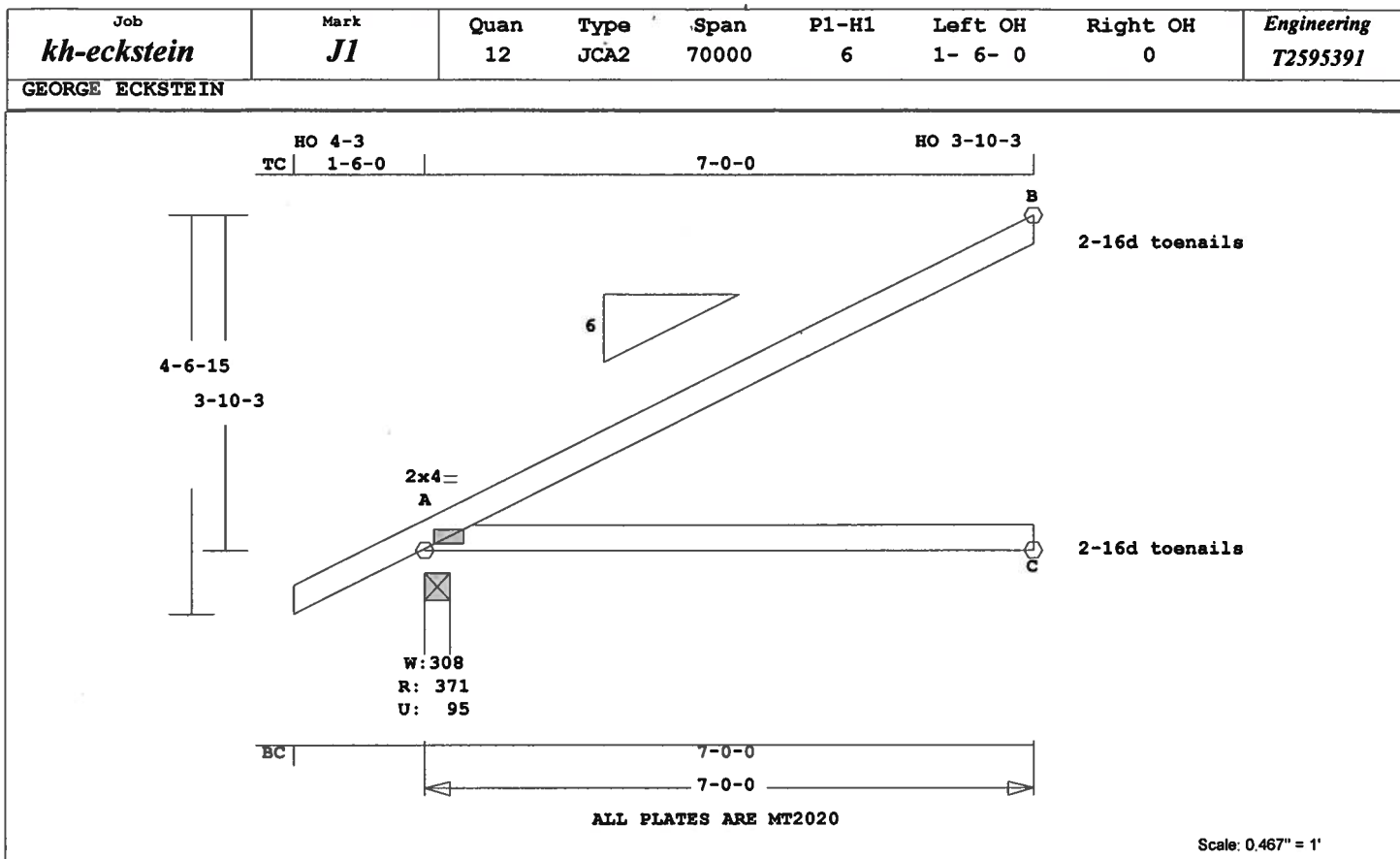
BC Dead Load: 5.0 psf

Max comp. force 222 Lbs

Max tens. force 274 Lbs

Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.5 LBS

Online Plus -- Version 21.0.044 A -C 0.68 0 T 0.00 0.68
 RUN DATE: 05-JUL-07

CSI -Size- ----Lumber----
 TC 0.67 2x 4 SP-#2
 BC 0.68 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	95 U	286 R
C	132	46 U	
B	196	94 U	72 R

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

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

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.67	183 C	0.00 0.67
-----Bottom Chords-----			

TL Defl -0.18" in A -C L/425
 LL Defl -0.07" in A -C L/999
 Shear // Grain in A -B 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 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

User-defined wind-exposed BC
 regions --From-- ---To---

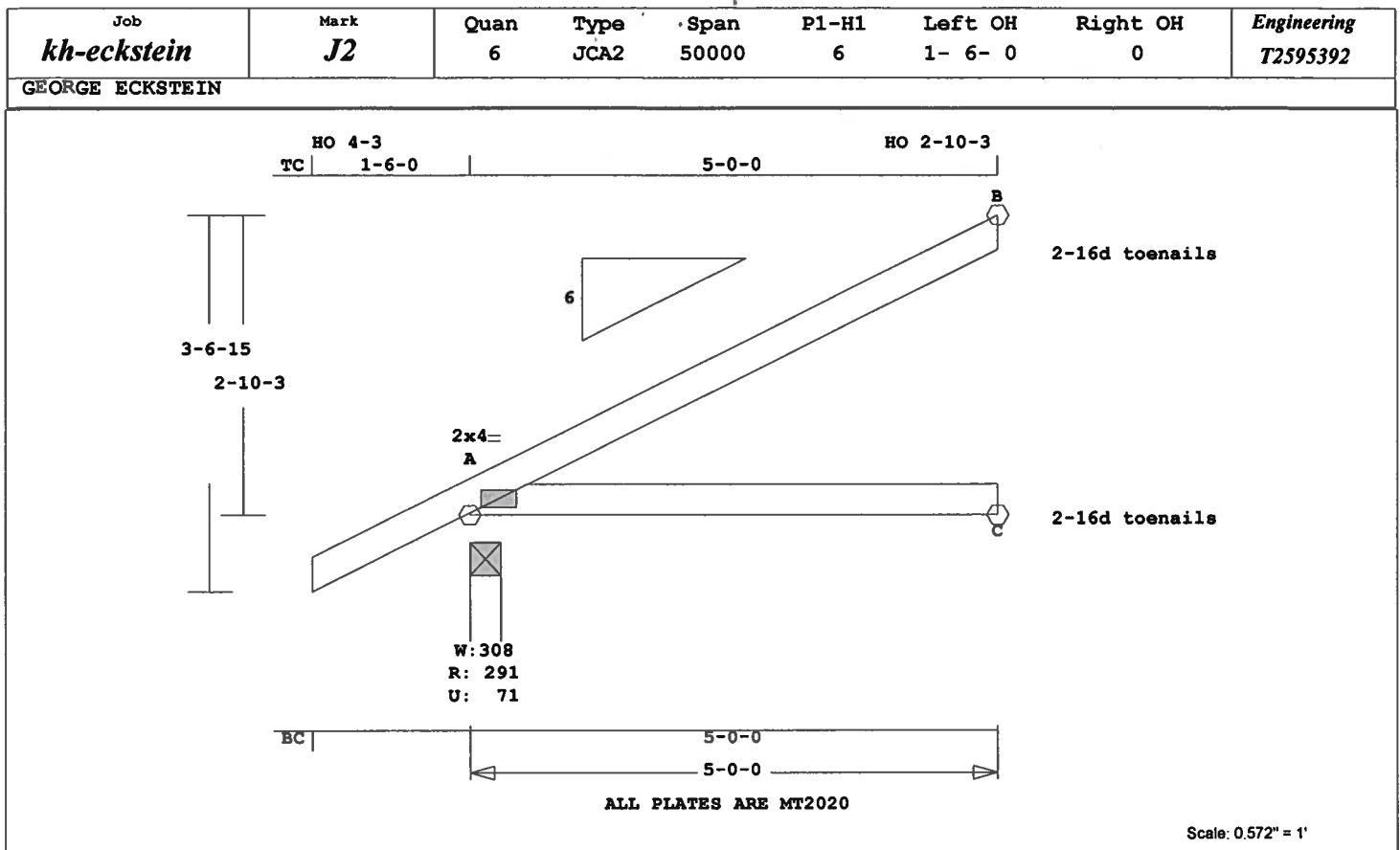
0- 0- 0 7- 0- 0

Max comp. force 183 Lbs

Max tens. force 45 Lbs

Quality Control Factor 1.25

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



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.4 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI -Size- ----Lumber----
TC 0.41 2x 4 SP-#2
BC 0.40 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	72 U	238 R
C	94	33 U	
B	142	68 U	51 R

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

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

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A - B	0.41	152 C	0.00 0.41
-----Bottom Chords-----			

A - C 0.40 0 T 0.00 0.40
TL Defl -0.04" in A - C L/999
LL Defl -0.02" in A - C 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 0.65

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 5- 0- 0

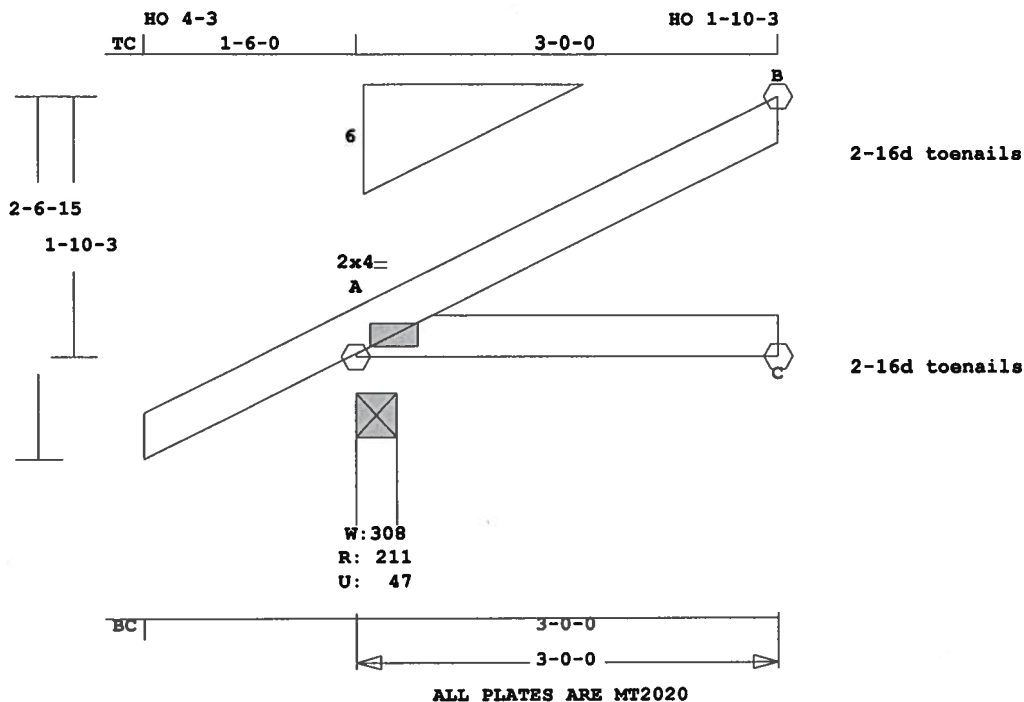
Max comp. force 152 Lbs

Max tens. force 31 Lbs

Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
kh-eckstein	J3	6	JCA2	30000	6	1- 6- 0	0	T2595393
GEORGE ECKSTEIN								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.4 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

CSI -Size- ----Lumber----
TC 0.14 2x 4 SP-#2
BC 0.14 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
Total 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	48 U	170 R
C	56	20 U	
B	88	43 U	30 R

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

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.14	99 C	0.00	0.14
-----Bottom Chords-----				

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -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 0.65

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 99 Lbs

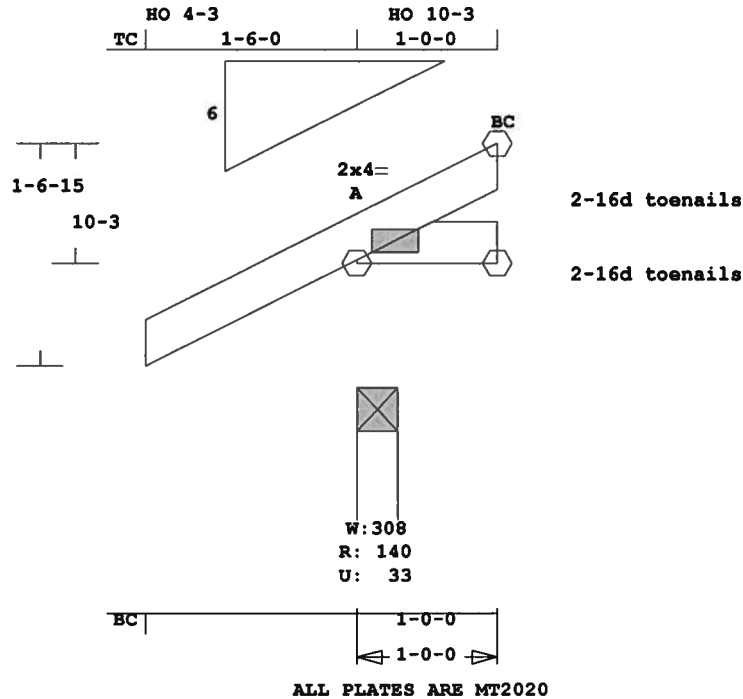
Max tens. force 18 Lbs

Quality Control Factor 1.25

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

Job kh-eckstein	Mark J4	Quan 6	Type JCA2	Span 10000	P1-H1 6	Left OH 1- 6- 0	Right OH 0	Engineering T2595394
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GEORGE ECKSTEIN



Scale: 0.731" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.4 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

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	140	34 U	53 R
B	20	10 U	
C	14	6 U	9 R

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

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

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A - B	0.01	23 C	0.00 0.01
-----Bottom Chords-----			

TL Defl 0.00" in A - C L/999
LL Defl 0.00" in A - C L/999
Shear // Grain in A - B 0.04
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 0.65

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*

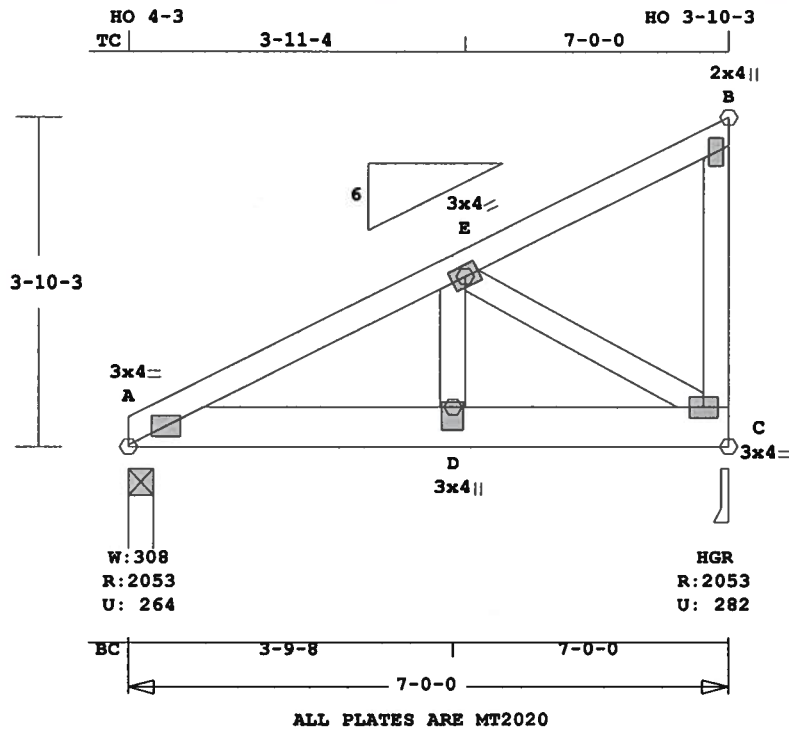
for Exterior zone location.

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 23 Lbs
Max tens. force 8 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-eckstein	JG1	1*2P	SP	70000	6	0	0	T2595395
GEORGE ECKSTEIN								



Scale: 0.444" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 49.6 LBS

Online Plus -- Version 21.0.044

RUN DATE: 05-JUL-07

* 2-Ply Truss *

CSI -Size-	-----Lumber-----
TC 0.21	2x 4 SP-#2
BC 0.41	2x 6 SP-#2
WB 0.18	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=1.00	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	2053	264 U	144 R
C	2053	283 U	131 R

Jt	Brg Size	Required
A	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' 7.0'
BC V	273	253	0.0' 7.0'

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

Membr CSI P Lbs Axl-CSt-Bnd
-----Top Chords-----

A -E	0.21	2260	C	0.12	0.09
E -B	0.09	59	C	0.00	0.09
-----Bottom Chords-----					
A -D	0.41	2050	T	0.13	0.28
D -C	0.35	2050	T	0.13	0.22
-----Webs-----					
D -E	0.18	1985	T		
E -C	0.13	2395	C		
C -B	0.02	127	T	WindLd	

TL Defl -0.03" in A -D L/999
LL Defl -0.01" in A -D L/999
Shear // Grain in A -D 0.42

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 0.73
E MT20 3.0x 4.0 Ctr Ctr 0.79
B MT20 2.0x 4.0 Ctr Ctr 0.38
D MT20 3.0x 4.0 Ctr-1.2 0.70
C MT20 3.0x 4.0 Ctr Ctr 0.64

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 Common

Loading BC
Span 27- 4- 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	

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 2395 Lbs

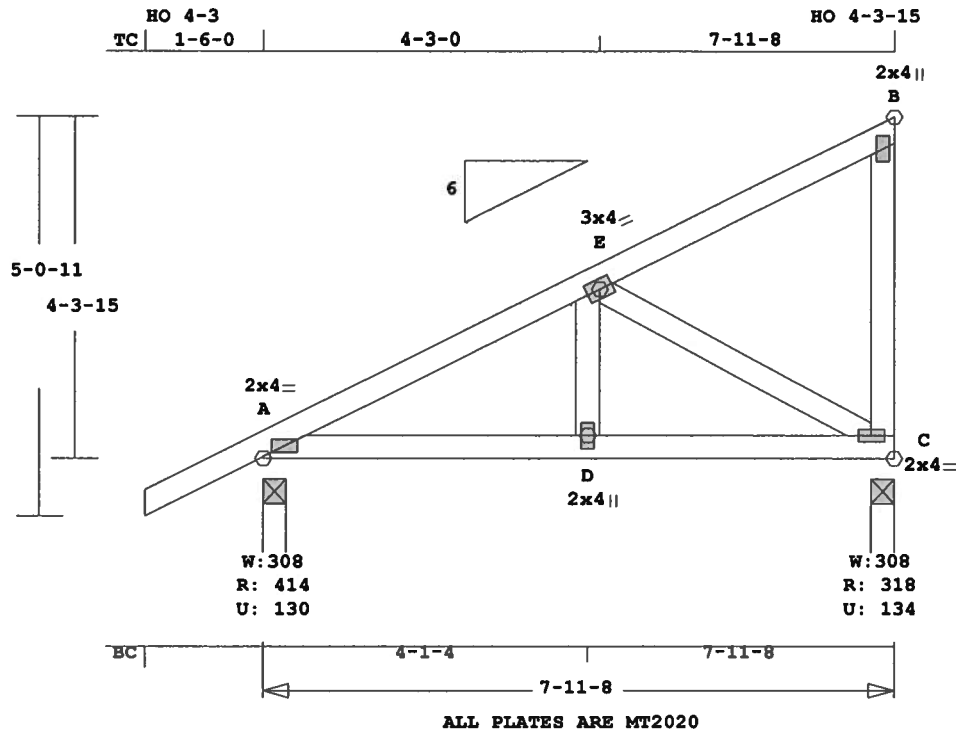
Max tens. force 2050 Lbs

Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
kh-eckstein	M1	5	MONO	71108	6	1- 6- 0	0	T2595396

GEORGE ECKSTEIN



Scale: 0.410" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 53.1 LBS

Online Plus -- Version 21.0.044
RUN DATE: 05-JUL-07

	CSI	-Size-	-----Lumber-----
TC	0.27	2x 4	SP-#2
BC	0.15	2x 4	SP-#2
WB	0.10	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	7-11- 8	
BC Cont.	0- 0- 0	7-11- 8	

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	414	131 U	101 R
C	318	135 U	139 R

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

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

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -E	0.27	552 T	0.07 0.20
E -B	0.20	67 C	0.00 0.20
-----Bottom Chords-----			

	A -D	0.15	542 C	0.00	0.15
D -C	0.15	542 C	0.00	0.15	
-----Webs-----					
D -E	0.02	314 C			
E -C	0.10	745 T			
C -B	0.07	145 T	WindLd		

TL Defl -0.01" in A -D L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in E -B 0.19

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 0.71
E MT20 3.0x 4.0 Ctr Ctr 0.43
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 0.76

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

User-defined wind-exposed BC
regions --From-- ---To---

0- 0- 0 7-11- 8

Max comp. force 542 Lbs

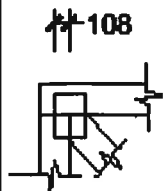
Max tens. force 745 Lbs

Quality Control Factor 1.25

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FL Cert.#5555

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.

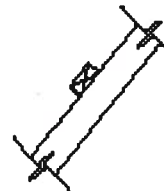
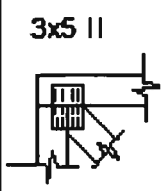


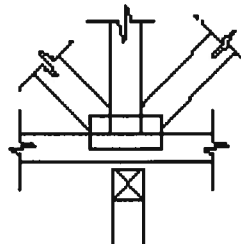
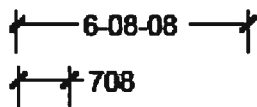
PLATE SIZE AND ORIENTATION



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.



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

www.robbsinseng.com

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING 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 SPEED AS PER FIGURE 1609 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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation

- ☒ ☐
- ☒ ☐
- ☒ ☐
- ☒ ☐

- d) Location, size and height above roof of chimneys.
- e) Location and size of skylights
- f) Building height
- e) Number of stories

Floor Plan including:

- ☒ ☐
- ☒ ☐
- ☒ ☐

- a) Rooms labeled and dimensioned.
- b) Shear walls identified.
- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
- d) Show safety glazing of glass, where required by code.
- e) Identify egress windows in bedrooms, and size.
- f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
- g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
- h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- ☒ ☐
- ☒ ☐
- ☒ ☐
- ☒ ☐

- a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel.

Roof System:

- ☒ ☐

a) Truss package including:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

- ☒ ☐

b) Conventional Framing Layout including:

1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- ☒ ☐

a) Masonry wall

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiteicide or alternative method)
10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

- ☒
- ☐

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

□ □

10/10

- ☐ ☒

☒ ☐

- [illegible]

Page 10 of 10

- | | |
|-------------------------------------|--------------------------|
| ☒ | ☐ |
| ☒ | ☐ |
| ☒ | ☐ |
| ☒ | ☐ |

10

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is \$50.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

APPLICANT SIGNATURE

DATE



Columbia County 9-1-1 Addressing / GIS Department

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

Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com



9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)

If Address is Requested by a Company, Provide Name of Requesting Company:

Parcel Identification Number: _____ - _____ - _____ - _____

If in Subdivision, Provide Name Of Subdivision:

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request From:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

Addressing / GIS Department Use Only:

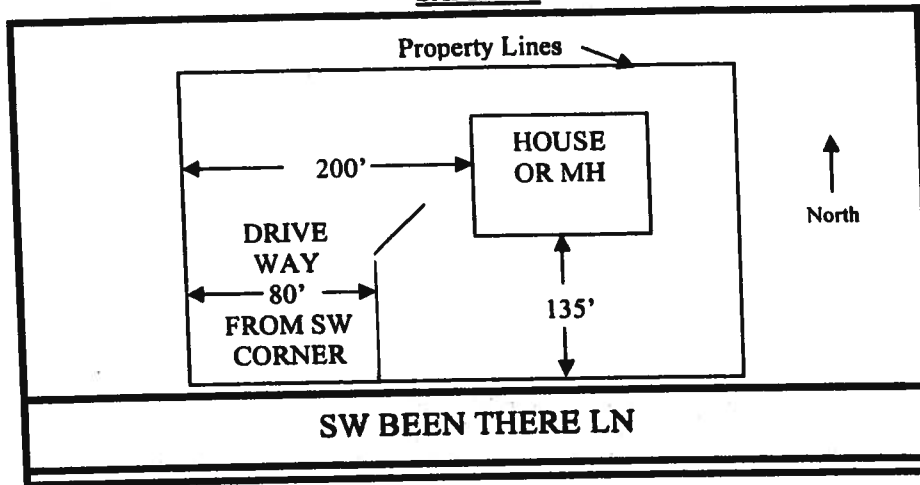
Date Received: _____

Date Assigned: _____

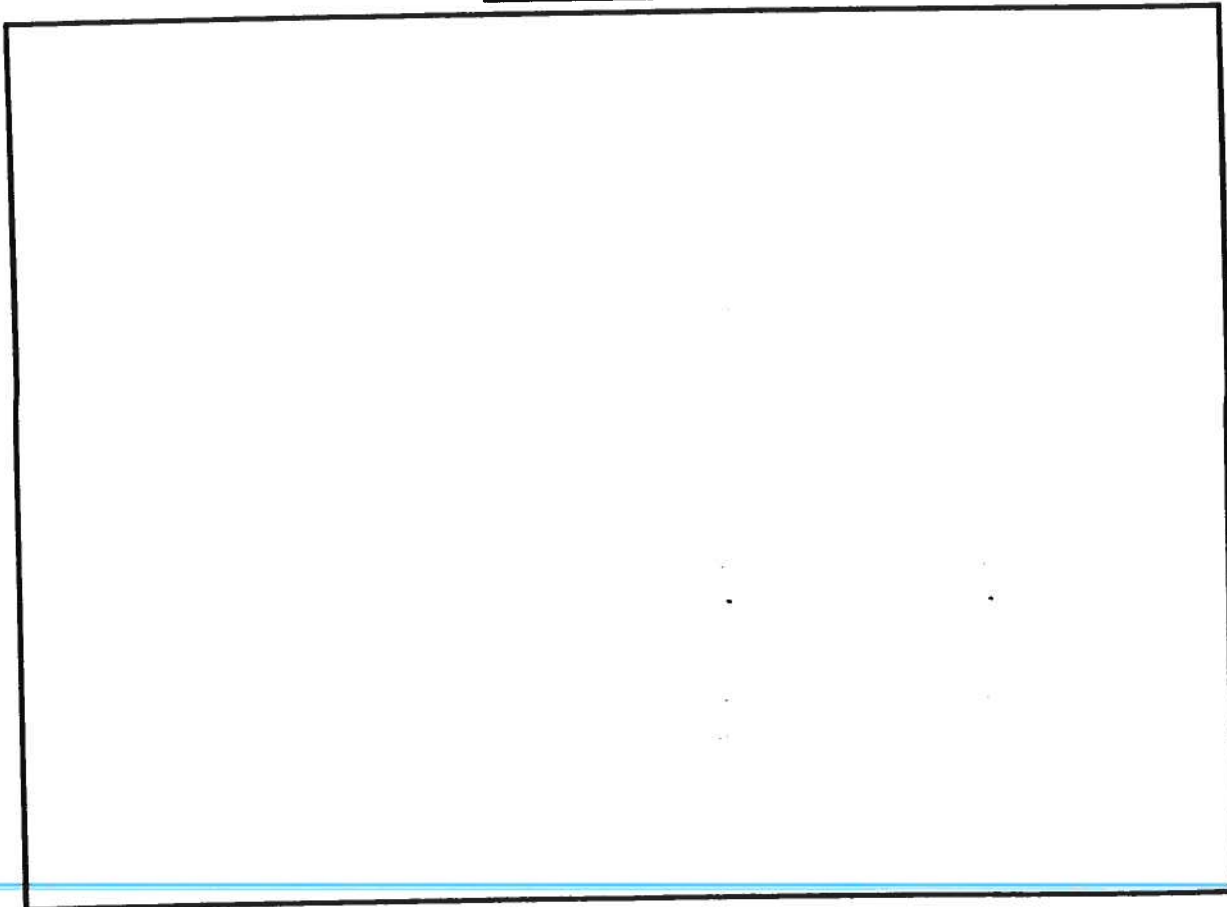
ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:



Residential System Sizing Calculation

Summary

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

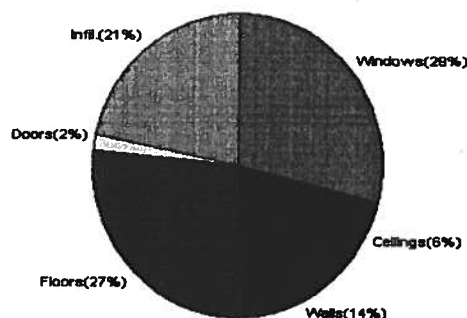
5/25/2007

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	30357	Btuh	Total cooling load calculation	30606	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.6	36000	Sensible (SHR = 0.75)	111.2	27000
Heat Pump + Auxiliary(0.0kW)	118.6	36000	Latent	142.2	9000
			Total (Electric Heat Pump)	117.6	36000

WINTER CALCULATIONS

Winter Heating Load (for 1504 sqft)

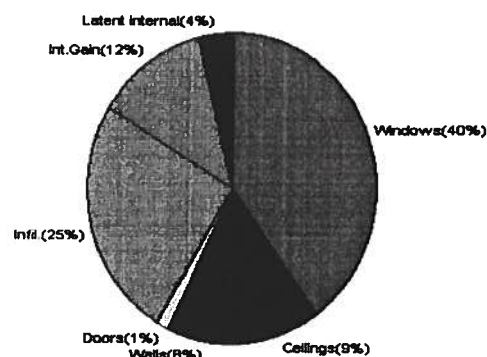
Load component		Load	
Window total	188 sqft	8848	Btuh
Wall total	1282 sqft	4209	Btuh
Door total	40 sqft	518	Btuh
Ceiling total	1650 sqft	1944	Btuh
Floor total	191 sqft	8339	Btuh
Infiltration	160 cfm	6498	Btuh
Duct loss		0	Btuh
Subtotal		30357	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		30357	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1504 sqft)

Load component		Load	
Window total	188 sqft	12194	Btuh
Wall total	1282 sqft	2565	Btuh
Door total	40 sqft	392	Btuh
Ceiling total	1650 sqft	2732	Btuh
Floor total		0	Btuh
Infiltration	140 cfm	2612	Btuh
Internal gain		3780	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		24276	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		5130	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		6330	Btuh
TOTAL HEAT GAIN		30606	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: 5-25-07

DATE: 5-25-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

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

5/25/2007

Component Loads for Whole House					
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	Load
1	1, Clear, Metal, 1.27	W	16.0	47.0	752 Btuh
2	1, Clear, Metal, 1.27	W	40.0	47.0	1880 Btuh
3	1, Clear, Metal, 1.27	W	17.8	47.0	836 Btuh
4	1, Clear, Metal, 1.27	W	7.5	47.0	352 Btuh
5	1, Clear, Metal, 1.27	N	30.0	47.0	1410 Btuh
6	1, Clear, Metal, 1.27	N	4.0	47.0	188 Btuh
7	1, Clear, Metal, 1.27	E	15.0	47.0	705 Btuh
8	1, Clear, Metal, 1.27	S	12.0	47.0	564 Btuh
9	1, Clear, Metal, 1.27	S	30.0	47.0	1410 Btuh
10	1, Clear, Metal, 1.27	S	16.0	47.0	752 Btuh
Window Total			188(sqft)		8848 Btuh
Walls	Type	R-Value	Area	X	Load
1	Frame - Wood - Ext(0.09)	13.0	1094	3.3	3592 Btuh
2	Frame - Wood - Adj(0.09)	13.0	188	3.3	617 Btuh
Wall Total			1282		4209 Btuh
Doors	Type		Area	X	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
Door Total			40		518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	Load
1	Vented Attic/D/Shin)	30.0	1650	1.2	1944 Btuh
Ceiling Total			1650		1944 Btuh
Floors	Type	R-Value	Size	X	Load
1	Slab On Grade	0	191.0 ft(p)	43.7	8339 Btuh
Floor Total			191		8339 Btuh
Zone Envelope Subtotal:					23859 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	12032	160.4	6498 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				30357 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

5/25/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	30357 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	30357 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

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

5/25/2007

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1, Clear, Metal, 1.27	W	16.0		47.0	752 Btuh
2	1, Clear, Metal, 1.27	W	40.0		47.0	1880 Btuh
3	1, Clear, Metal, 1.27	W	17.8		47.0	836 Btuh
4	1, Clear, Metal, 1.27	W	7.5		47.0	352 Btuh
5	1, Clear, Metal, 1.27	N	30.0		47.0	1410 Btuh
6	1, Clear, Metal, 1.27	N	4.0		47.0	188 Btuh
7	1, Clear, Metal, 1.27	E	15.0		47.0	705 Btuh
8	1, Clear, Metal, 1.27	S	12.0		47.0	564 Btuh
9	1, Clear, Metal, 1.27	S	30.0		47.0	1410 Btuh
10	1, Clear, Metal, 1.27	S	16.0		47.0	752 Btuh
Window Total			188(sqft)			8848 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1094		3.3	3592 Btuh
2	Frame - Wood - Adj(0.09)	13.0	188		3.3	617 Btuh
Wall Total			1282			4209 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
Door Total			40			518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1650		1.2	1944 Btuh
Ceiling Total			1650			1944 Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	191.0 ft(p)		43.7	8339 Btuh
Floor Total			191			8339 Btuh
Zone Envelope Subtotal:						23859 Btuh
Infiltration	Type	ACH	Zone Volume		CFM=	Load
	Natural	0.80	12032		160.4	6498 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					30357 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

5/25/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	30357 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	30357 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

5/25/2007

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	16.0	0.0	16.0	37	94	1505	Btuh
2	1, Clear, 1.27, None,N,N	W	9.5ft	8ft.	40.0	39.3	0.7	37	94	1537	Btuh
3	1, Clear, 1.27, None,N,N	W	9.5ft	8ft.	17.8	17.5	0.3	37	94	684	Btuh
4	1, Clear, 1.27, None,N,N	W	9.5ft	8ft.	7.5	7.2	0.3	37	94	297	Btuh
5	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	37	37	1124	Btuh
6	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	4.0	0.0	4.0	37	37	150	Btuh
7	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	37	94	1411	Btuh
8	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	12.0	12.0	0.0	37	43	449	Btuh
9	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	37	43	1124	Btuh
10	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	16.0	16.0	0.0	37	43	599	Btuh
Excursion										3314	Btuh
Window Total					188 (sqft)					12194 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)		HTM		Load		
1	Frame - Wood - Ext	13.0/0.09			1093.7		2.1		2281 Btuh		
2	Frame - Wood - Adj	13.0/0.09			188.0		1.5		284 Btuh		
Wall Total					1282 (sqft)				2565 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		
Door Total					40 (sqft)				392 Btuh		
Ceilings	Type/Color/Surface	R-Value			Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle	30.0			1650.0		1.7		2732 Btuh		
Ceiling Total					1650 (sqft)				2732 Btuh		
Floors	Type	R-Value			Size		HTM		Load		
1	Slab On Grade	0.0			191 (ft(p))		0.0		0 Btuh		
Floor Total					191.0 (sqft)				0 Btuh		
Zone Envelope Subtotal:										17883 Btuh	
Infiltration	Type	ACH			Volume(cuft)		CFM=		Load		
	SensibleNatural	0.70			12032		140.4		2612 Btuh		
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			2400		3780 Btuh		
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										24276 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

5/25/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	24276 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	24276 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	24276 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5130 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	6330 Btuh
	TOTAL GAIN	30606 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

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

5/25/2007

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	16.0	0.0	16.0	37	94	1505	Btuh	
2	1, Clear, 1.27, None,N,N	W	9.5ft	8ft.	40.0	39.3	0.7	37	94	1537	Btuh	
3	1, Clear, 1.27, None,N,N	W	9.5ft	8ft.	17.8	17.5	0.3	37	94	684	Btuh	
4	1, Clear, 1.27, None,N,N	W	9.5ft	8ft.	7.5	7.2	0.3	37	94	297	Btuh	
5	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	37	37	1124	Btuh	
6	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	4.0	0.0	4.0	37	37	150	Btuh	
7	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	37	94	1411	Btuh	
8	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	12.0	12.0	0.0	37	43	449	Btuh	
9	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	37	43	1124	Btuh	
10	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	16.0	16.0	0.0	37	43	599	Btuh	
	Excursion									3314	Btuh	
	Window Total				188 (sqft)					12194 Btuh		
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext			13.0/0.09	1093.7			2.1		2281 Btuh		
2	Frame - Wood - Adj			13.0/0.09	188.0			1.5		284 Btuh		
	Wall Total				1282 (sqft)					2565 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		
	Door Total				40 (sqft)					392 Btuh		
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle			30.0	1650.0			1.7		2732 Btuh		
	Ceiling Total				1650 (sqft)					2732 Btuh		
Floors	Type		R-Value		Size			HTM		Load		
1	Slab On Grade			0.0	191 (ft(p))			0.0		0 Btuh		
	Floor Total				191.0 (sqft)					0 Btuh		
	Zone Envelope Subtotal:										17883 Btuh	
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural			0.70	12032			140.4		2612 Btuh		
Internal gain			Occupants		Btuh/occupant			Appliance		Load		
				6	X	230 +		2400		3780 Btuh		
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)										DGM = 0.00	0.0 Btuh
	Sensible Zone Load										24276 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

Code Only
Professional Version
Climate: North

5/25/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	24276 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	24276 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	24276 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5130 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	6330 Btuh
	TOTAL GAIN	30606 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))

(Omt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Eckstein Residence
SW Legion RD
Lake City, FL 32025-

Project Title:
George Eckstein

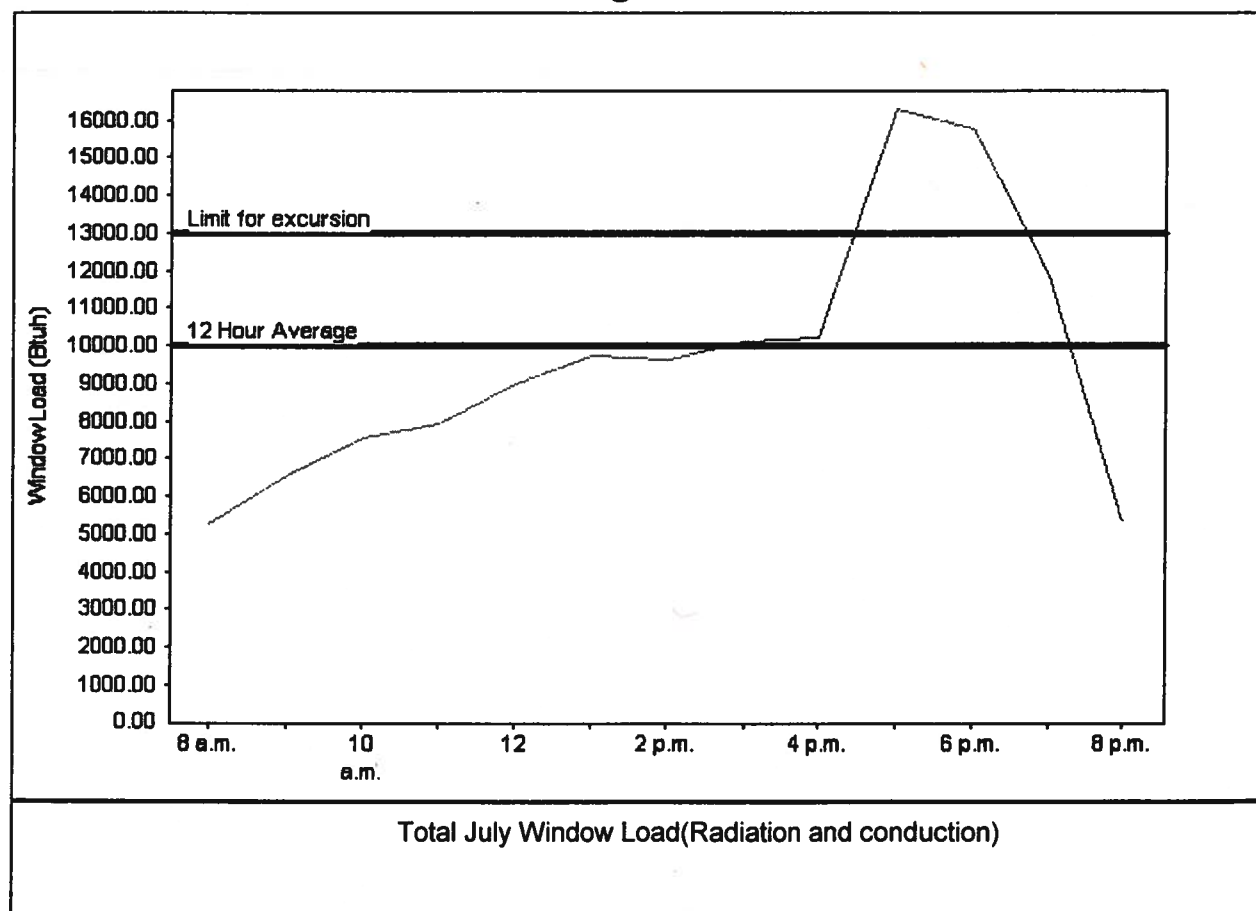
Code Only
Professional Version
Climate: North

5/25/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	9992 Btuh
Summer setpoint	75 F	Peak window load for July	16304 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	12989 Btu
Latitude	29 North	Window excursion (July)	3314 Btuh

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____



Location: 800 S.W. LEGION DRProject Name: ECKSTEIN

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	TLC DOOR	MASONITE	FL 20
2. Sliding	BETTERBILT	470 ALUMINUM #CTLA-744W	5483.1/.2
3. Sectional			
4. Roll up			
5. Automatic	GADCO	16' x 7' GARAGE DOOR	FL4970
6. Other	THERMA-TRU	FIBERCLASSIC / SMOOTH STAR	01-0912-06
B. WINDOWS			
1. Single hung	BETTERBILT	740 Aluminum Windows	FL5108
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

www.floridabuilding.org