DATE 08/29/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026182

APPLICANT ANTHONY B. WILLIAMS, JR. PHONE 386.755.3343

ADDRESS 307 SW GERALD WITT GLN LAKE CITY FL

OWNER ANTHONY B.& REBECCA WILLIAMS,JR. PHONE 386.755.3343

ADDRESS 307 SW GERALD WITT GLN LAKE CITY FL 32024

CONTRACTOR ANTHONY B. WILLIAMS,JR. PHONE 386.755.3343

LOCATION OF PROPERTY 47-S TO C-240-W TO ICHETUCKNEE,TL GO 1/4 MILE TO GERALD WITT GLN @ END OF DRIVE.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 132000.00

HEATED FLOOR AREA 2640.00 TOTAL AREA 4060.00 HEIGHT 21.50 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 13-5S-15-00453-002 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 2.00

		OWNER		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	07-0650-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD.NOC ON FILE. M/H WILL BE REMOVED AFTER CONSTRUCTION. 45 DAYS OF CO ISSUANCE.SECTION 2.3.1.

Check # or Cash 1018

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 660.00 CERTIFICATION FEE $ 20.30 SURCHARGE FEE $ 20.30

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** 775.60

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0707-25 Date Received 7/10/07 By LH Permit # 26182

Application Approved by - Zoning Official BLK Date 16.07.07 Plans Examiner OKJTH Date 7-10-07

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A3

Comments MH will be removed after Const. 45days of issuing C.O. Section 2.3.1

☐ NOC ☑ EH ☐ Deed or PA ☑ Site Plan N/A State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Anthony B Williams JR Phone (386) 755-3343 Fax N/A

Address 307 SW Gerald Witt GLN Lake City Fla 32024

Owners Name Anthony B Williams JR & Rebecca Williams Phone (386) 755-3343

911 Address 307 SW Gerald Witt GLN Lake City, Fla. 32024

Contractors Name Owner Builder Phone

Address

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Jason Ellisson 4853 W SR 238 Lake Butler, FL 32054 / 386-623-1741

Mortgage Lenders Name & Address N/A

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

Property ID Number 13-5S-15-00453-002 Estimated Cost of Construction 240,000

Subdivision Name N/A Lot Block Unit Phase

Driving Directions 47 S to 240 W, to Ichtucknee RD turn LEFT. 1/4 mile turn RIGHT onto Gerald Witt GLN. End of DRIVE.

Type of Construction New Home Number of Existing Dwellings on Property 1 (MH)

Total Acreage 2 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 82' Side 145' Side 110' Rear 115'

Total Building Height 21'5" Number of Stories 1 Heated Floor Area 2640 TOTAL 4080 Roof Pitch 8:12

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

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

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

J B Williams Jr.

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Sworn to (or affirmed) and subscribed before me

this 10 day of July 20 07.

Personally known ____ or Produced Identification ✓

Notary Signature

(Revised Sept. 2006)

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER 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 **( ) Two-Family Residence**
( ) Farm Outbuilding **( ) Other_____**

NEW CONSTRUCTION OR IMPROVEMENT

( ) New Construction **( ) Addition, Alteration, Modification or other Improvement**

I Anthony B Williams **, 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** _____

CB Williams 7/9/07
Owner Builder Signature **Date**

The above signer is personally known to me or produced identification ✓

Notary Signature Laurie Hodson **Date** 7-10-07

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

(Stamp / Seal)

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 7-10-07 **Building Official/Representative** T. Hall

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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 inaccordance 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 13-5S-15-00453-002-HX Permit Number ______

307 SW Gerald Witt GLN Lake City Fla 32024

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

Parcel of land in SW COR of SW1/4 of NE1/4 of NE1/4 being 210 ft E & W by 228 ft N & S & Comm at SE Cor of NE1/4 of NE1/4 of Sec, Run W 40 ft to W r/w of CR238, Cont W 1020.26 ft for POB, cont W 54.13 ft N 228 ft W 21 ft N 101.66 ft, E 264.42 ft S 329.66 ft to POB ORB 338-468 ORB 643, 233, 738-234 954-2281 PROB 975-1329 WD 1088-187

2. General description of improvement: Construction of New Home

3. Owner Name & Address Anthony B. Williams & Rebecca Williams 307 SW Gerald Witt GLN Lake City 32024 Interest in Property ______

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

5. Contractor Name Anthony B. Williams (owner) Phone Number 386-755-3343

Address 307 SW Gerald Witt GLN Lake City, FL 32024

6. Surety Holders Name NA Phone Number ______

Address ______

Amount of Bond ______

Inst:200712015188 Date:7/9/2007 Time:2:07 PM
B DC,P.DeWitt Cason ,Columbia County Page 1 of 1

7. Lender Name NA

Address ______

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 NA 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.

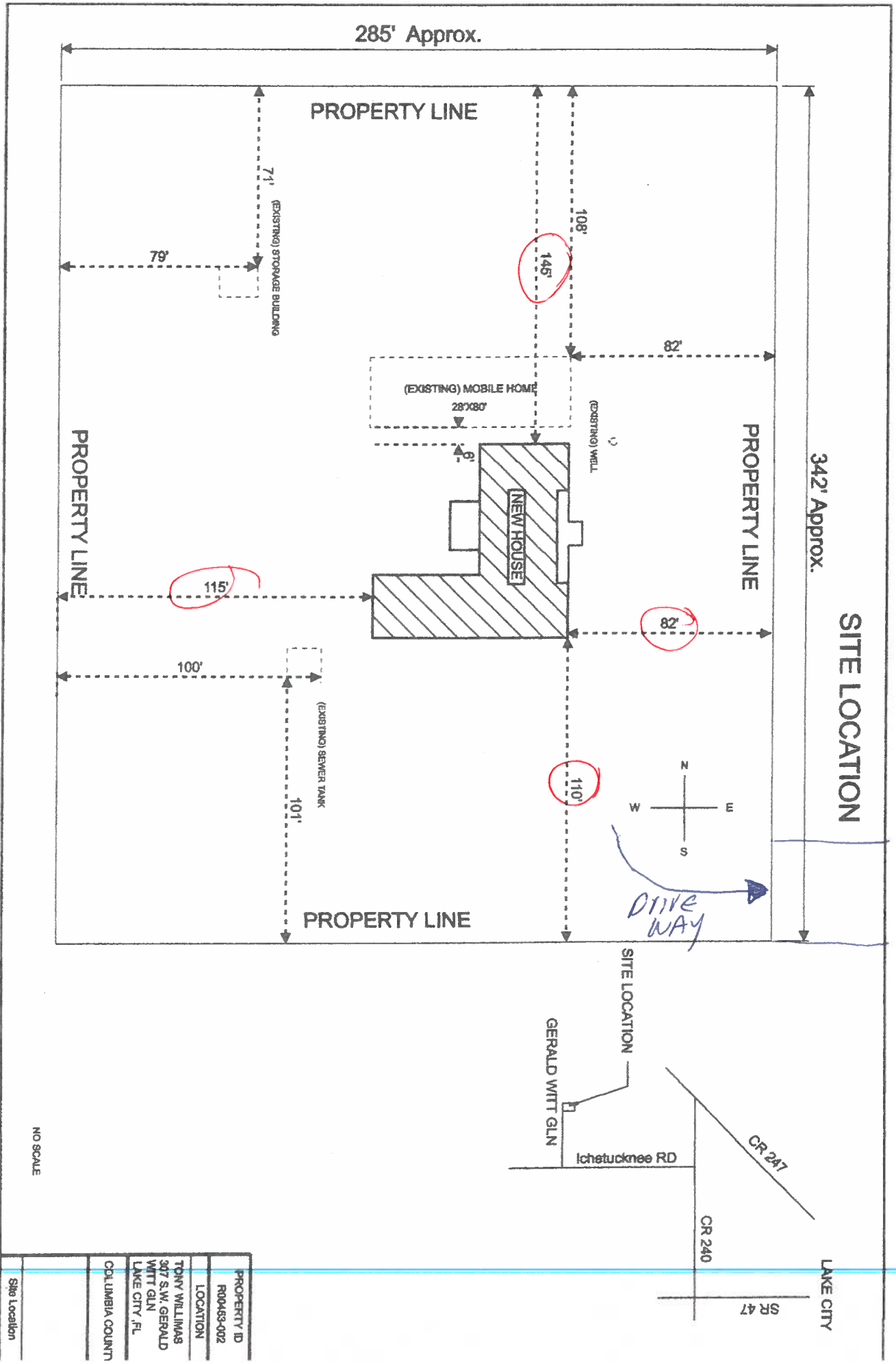
[signature] B Williams
Signature of Owner

Sworn to (or affirmed) and subscribed before day of July 9, 2007.
Provided FLDL As ID

[signature] Rose Ann Aiello
Signature of Notary RoseAnn Aiello

NOTARY STAMP/SEAL

ROSE ANN AIELLO
MY COMMISSION # DD397594
EXPIRES: February 17, 2009
1-800-3-NOTARY FL Notary Discount Assoc. Co.


285' Approx.
PROPERTY LINE
71'
(EXISTING) STORAGE BUILDING
79'
108'
145'
82'
(EXISTING) MOBILE HOME
28'X80'
(EXISTING) WELL
6'
NEW HOUSE
PROPERTY LINE
PROPERTY LINE
342' Approx.
SITE LOCATION
115'
82'
100'
(EXISTING) SEWER TANK
101'
110'
N
W
E
S
DRIVE WAY
PROPERTY LINE
SITE LOCATION
GERALD WITT GLN
Ichetucknee RD
CR 247
CR 240
SR 47
LAKE CITY
NO SCALE
PROPERTY ID
R00463-002
LOCATION
TONY WILLIMAS
307 S.W. GERALD WITT GLN
LAKE CITY ,FL
COLUMBIA COUNTY
Site Location

BK 0738 PG 0234

OFFICIAL RECORDS

Prepared by Marlin M. Feagle
Attorney at Law
Post Office Box 1853
Lake City, Florida 3[illegible]055

WARRANTY DEED

THIS INDENTURE, made this 12th day of [illegible], 1990, between TERCIE WITT and her husband, GERALD WITT, of the County of Columbia, State of Florida, Grantor, and REBECCA WILLIAMS, whose post-office address is Route 2, Box 499, Lake City, Florida 32055, of the County of Columbia, State of Florida, Grantee,

W I T N E S S E T H:

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

TOWNSHIP 5 SOUTH - RANGE 15 EAST

Section 13: A parcel of land in the Southwest corner of the Southwest 1/4 of Northeast 1/4 of Northeast 1/4 being 210 feet in length running East and West and 228 feet in length running North and South.

- ALSO -

A perpetual non-exclusive easement as to the South 40 feet of the NE 1/4 of the NE 1/4 for ingress and egress from the property to Old Itchetucknee Road. Said easement shall run with the land.

N.B. This deed is made subject to the restriction that neither grantee nor his assigns may sell, mortgage, or otherwise encumber the property described herein during the lifetime of either grantor, without first obtaining the written consent of grantors or the survivor thereof.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whatsoever.

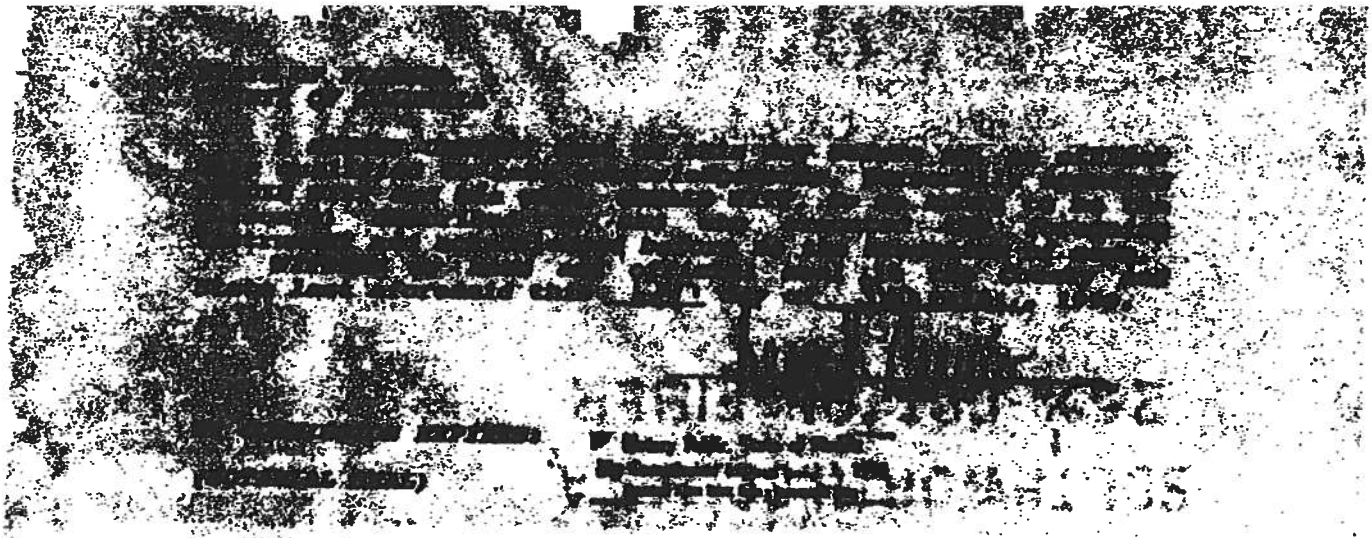
IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal the day and year first above written.

SIGNED, SEALED AND DELIVERED
IN OUR PRESENCE:

[signature] [signature] (SEAL)
TERCIE WITT

[signature] [signature] (SEAL)
GERALD WITT

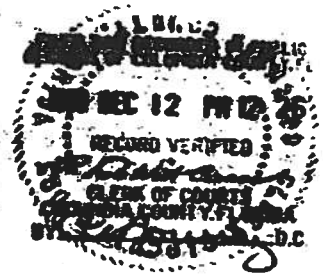
DOCUMENTARY STAMP 55
INTANGIBLE TAX 0
P. DeWITT CASON, CLERK OF
COURTS, COLUMBIA COUNTY
BY [signature] D.C.



OR 0738 PG 0235

OFFICIAL RECORDS

98-14951



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A PARCEL OF LAND IN SW COR OF     WILLIAMS REBECCA & ANTHONY JR  13-5S-15-00453-002              Columbia County  2007 R
SW1/4 OF NE1/4 OF NE1/4, BEING    P O BX 3162                                                          CARD 001 of 001
210 FT E & W BY 228 FT N & S.     LAKE CITY, FL 32056                  PRINTED  5/11/2007 13:44          BY  JEFF
& COMM AT SE COR OF NE1/4 OF                                           APPR     5/12/2006 DFTW
BUSE 000800 MOBILE HME        AE? Y       1976 HTD AREA    113.900 INDEX    13515.00 DIST 3        PUSE  000200 MOBILE HOME
MOD   2 MOBILE HME  BATH       2.00       2026 EFF AREA     31.892 E-RATE   100.000 INDX  STR  13- 5S- 15
EXW  31 VINYL SID   FIXT                 64613 RCN                            1993 AYB    MKT AREA 02              45,875 BLDG
  %     N/A         BDRM          3      71.00 %GOOD       45,875 B BLDG VAL  1993 EYB    (PUD1                    1,200 XFOB
RSTR 03 GABLE/HIP   RMS                  ------------------------------------------------  AC        2.000          28,400 LAND
RCVR 03 COMP SHNGL  UNTS                +FIELD CK:                                    +   NTCD                          0 AG
  %     N/A         C-W%                +LOC:  307 GERALD WITT GLN SW LAKE CITY       +   APPR CD                       0 MKAG
INTW 05 DRYWALL     HGHT                +                                             +   CNDO                     75,475 JUST
  %     N/A         PMTR                + +------------------76-----------------+     +   SUBD                          0 CLAS
FLOR 14 CARPET      STYS         1.0    + IBAS1993                              I     +   BLK
 10% 08 SHT VINYL   ECON                + I                                     I     +   LOT                           0 SOHD
HTTP 04 AIR DUCTED  FUNC                + 2                                     2     +   MAP#                          0 ASSD
A/C  03 CENTRAL     SPCD                + 6                                     6     +   HX                            0 EXPT
QUAL 05 05          DEPR 09             + I                                     I     +   TXDT    003                   0 COTXBL
FNDN    N/A         UD-1    N/A         + I                                     I     +
SIZE    N/A         UD-2    N/A         + +-----------44---------+--12-+--32------+     + ------------- BLDG TRAVERSE -------------
CEIL    N/A         UD-3    N/A         +                         1     1             + BAS1993=W76 S26 E44 FOP1993=  S12 E12 N12
ARCH    N/A         UD-4    N/A         +                         2     2             + W12$ E32 N26$.
FRME 01 NONE        UD-5    N/A         +                        +FOP1993             +
KTCH 01 01          UD-6    N/A         +                                             +
WNDO    N/A         UD-7    N/A         +                                             +
CLAS    N/A         UD-8    N/A         +                                             +
OCC     N/A         UD-9    N/A         +                                             +
COND 03 03             %    N/A         +                                             +---------------- PERMITS ----------------
SUB   A-AREA  %  E-AREA   SUB VALUE     +                                             +  NUMBER     DESC          AMT     ISSUED
BAS93   1976 100   1976       44743     +                                             +
FOP93    144  35     50        1132     +                                             +
                                        +                                             + ----------------- SALE -----------------
                                        +                                             + BOOK   PAGE     DATE                  PRICE
                                        +                                             +   738    234 12/12/1990 U V
                                        +                                             + GRANTOR GERALD WITT
                                        +                                             + GRANTEE REBECCA WILLIAMS
                                        +                                             +
                                        +                                             + GRANTOR
TOTAL   2120       2026        45875    ----------------------------------------------  GRANTEE
-------EXTRA FEATURES---------------------------------- FIELD CK:
AE BN  CODE      DESC         LEN   WID HGHT QTY QL    YR  ADJ        UNITS UT      PRICE   ADJ UT PR   SPCD %    %GOOD  XFOB VALUE
Y      0297   SHED CONCRET                    1      2005 1.00        1.000 UT   1000.000    1000.000              100.00       1,000
Y      0252   LEAN-TO W/O                     1      2005 1.00        1.000 UT    200.000     200.000              100.00         200
-------------------------------------------------------------------------------------------------------------------------------------
     LAND   DESC       ZONE  ROAD {UD1 {UD3 FRONT DEPTH  FIELD CK:
AE  CODE               TOPO  UTIL {UD2 {UD4  BACK   DT     ADJUSTMENTS            UNITS UT      PRICE   ADJ UT PR    LAND VALUE
Y 000102 SFR/MH        A-1   0002                         1.00 1.00 1.00 1.00     2.000  AC   13200.000   13200.00        26,400
                           0002 0003
Y 009945 WELL/SEPT     A-1   0002                         1.00 1.00 1.00 1.00     1.000  UT    2000.000    2000.00         2,000
                           0002 0003
B001 - GLENN MH                                            SALE - (DAUGHTER)
 2007
```

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

2007 Proposed Values

Parcel: 13-5S-15-00453-002 HX

Tax Record | Property Card | Interactive GIS Map | Print

<< Prev Search Result: 4 of 4

Owner & Property Info

Owner's Name	WILLIAMS REBECCA & ANTHONY JR		
Site Address	GERALD WITT		
Mailing Address	P O BX 3162 LAKE CITY, FL 32056		
Use Desc. (code)	MOBILE HOM (000200)		
Neighborhood	13515.00	**Tax District**	3
UD Codes	MKTA02	**Market Area**	02
Total Land Area	2.000 ACRES		
Description	A PARCEL OF LAND IN SW COR OF SW1/4 OF NE1/4 OF NE1/4, BEING 210 FT E & W BY 228 FT N & S. & COMM AT SE COR OF NE1/4 OF NE1/4 OF SEC, RUN W 40 FT TO W R/W OF CR 238, CONT W 1020.26 FT FOR POB, CONT W 54.13 FT, N 228 FT, W 210 FT N 101.66 FT, E 264.42 FT, S 329.66 FT TO POB. ORB 338-468, ORB 643-233, 738-234, 954-2281 PROB 972-1329, WD 1083-187.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (2)	$28,400.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$45,875.00
XFOB Value	cnt: (2)	$1,200.00
Total Appraised Value		$75,475.00

Just Value		$75,475.00
Class Value		$0.00
Assessed Value		$44,843.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$19,843.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
12/12/1990	738/234	WD	V	U	03	$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1993	Vinyl Side (31)	1976	2120	$45,875.00

Note: All S.F. calculations are based on exterior building dimensions.

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0297	SHED CONCR	2005	$1,000.00	1.000	0 x 0 x 0	(.00)
0252	LEAN-TO W/	2005	$200.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000102	SFR/MH (MKT)	2.000 AC	1.00/1.00/1.00/1.00	$13,200.00	$26,400.00
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

<< Prev 4 of 4

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

Notice:
Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

Scroll to Top

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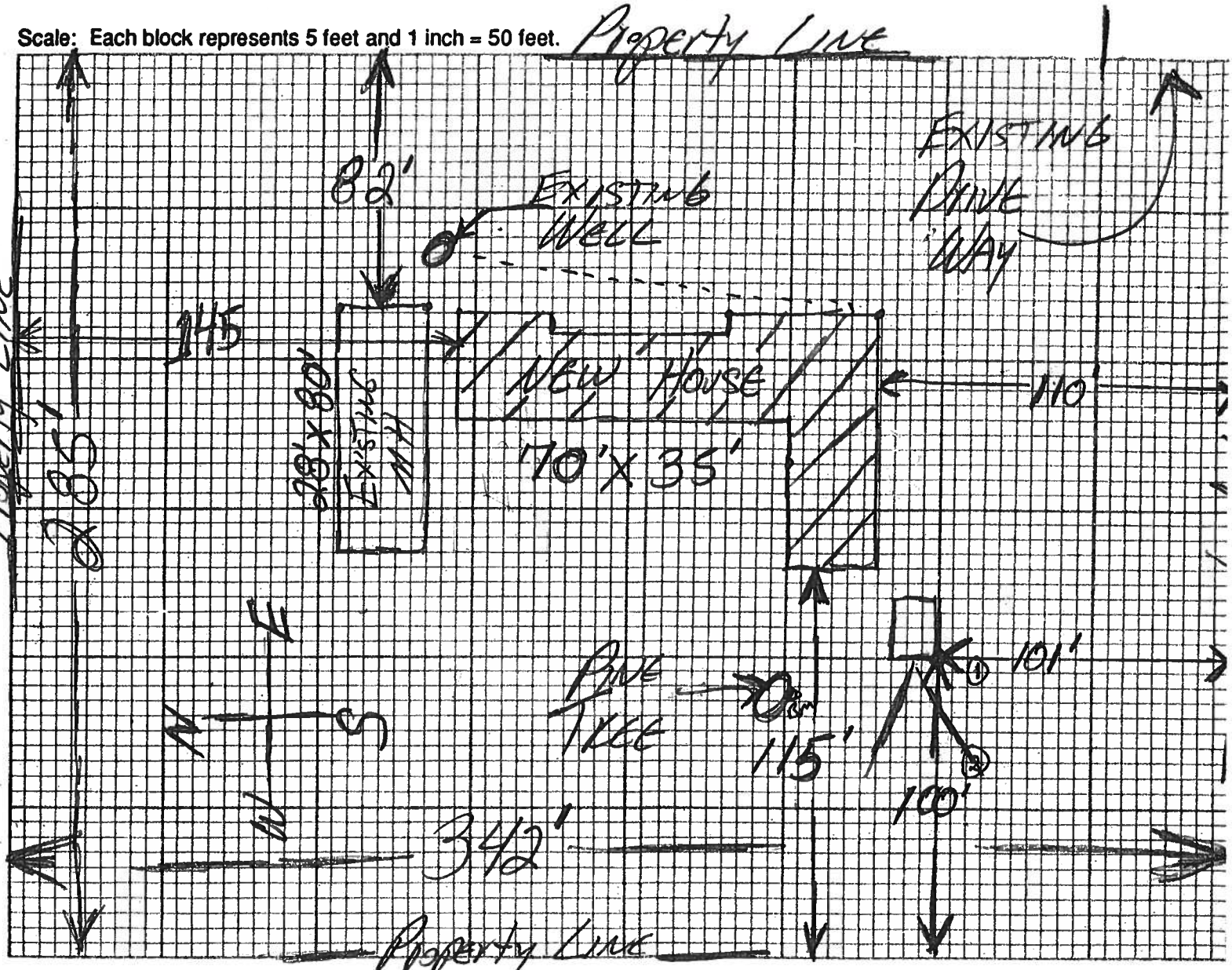
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0650-N

PART II - SITE PLAN

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



Notes: Existing Mobile Home to be Removed After New Home Completed. plan approved MSL

Site Plan submitted by: [signature] Owner
Signature Title

Plan Approved APPROVED Not Approved _____ Date 8/28/17

By [signature] County Health Departme

Columbia CHD

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FORM 600A-2004R EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**WILLIAMS RESIDENCE**	Builder:	**OWNER**
Address:		Permitting Office:	COLUMBIA
City, State:	**LAKE CITY, FL**	Permit Number:	26182
Owner:	**TONY WILLIAMS**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2640 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default) Area 320.5 ft²	13. Heating systems	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 320.5 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
8. Floor types			HSPF: 7.70
a. Stem Wall	R=3.5, 2640.0ft²	b. N/A	
b. N/A			
c. N/A		c. N/A	
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1717.5 ft²	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.93
d. N/A		b. N/A	
e. N/A			
10. Ceiling types		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 2640.0 ft²	15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 170.0 ft		
b. N/A			

Glass/Floor Area: 0.12 Total as-built points: 27102 Total base points: 32148 **PASS**

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

PREPARED BY: Jason Elkins

DATE: 6-15-07

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.

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

BUILDING OFFICIAL: _____

DATE: _____

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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , **LAKE CITY, FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 88.1

The higher the score, the more efficient the home.

TONY WILLIAMS, , LAKE CITY, FL,

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: 13.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	2640 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 320.5 ft²			a. Electric Heat Pump	Cap: 36.0 kBtu/hr
	b. SHGC:					HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (Clear) 320.5 ft²			b. N/A	
8.	Floor types					
	a. Stem Wall	R=3.5, 2640.0ft²			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1717.5 ft²				EF: 0.93
	b. N/A				b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 2640.0 ft²		15.	HVAC credits	PT, CF,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 170.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

Residential System Sizing Calculation

Summary

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

6/17/2007

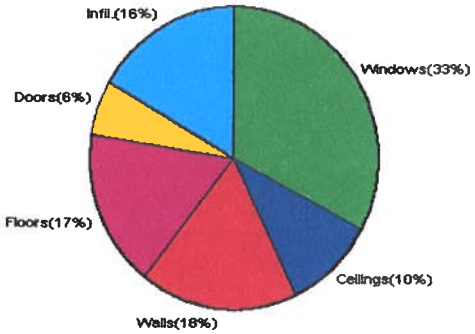
Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)

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	**31339**	**Btuh**	**Total cooling load calculation**	**32682**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	114.9	36000	Sensible (SHR = 0.75)	88.9	27000
Heat Pump + Auxiliary(0.0kW)	114.9	36000	Latent	388.7	9000
			Total (Electric Heat Pump)	110.2	36000

WINTER CALCULATIONS

Winter Heating Load (for 2640 sqft)

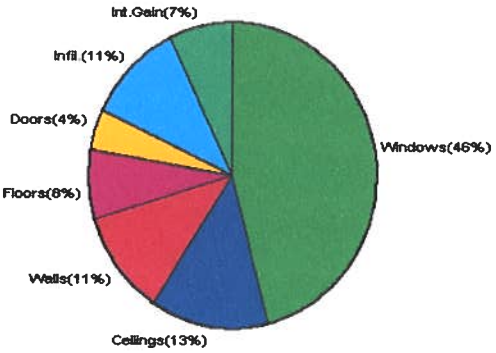
Load component			Load	
Window total	321	sqft	10317	Btuh
Wall total	1718	sqft	5640	Btuh
Door total	140	sqft	1813	Btuh
Ceiling total	2640	sqft	3111	Btuh
Floor total	2640	sqft	5325	Btuh
Infiltration	127	cfm	5133	Btuh
Duct loss			0	Btuh
Subtotal			**31339**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**31339**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2640 sqft)

Load component			Load	
Window total	321	sqft	14969	Btuh
Wall total	1718	sqft	3582	Btuh
Door total	140	sqft	1372	Btuh
Ceiling total	2640	sqft	4372	Btuh
Floor total			2492	Btuh
Infiltration	63	cfm	1179	Btuh
Internal gain			2400	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**30366**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			2316	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			0	Btuh
Total latent gain			**2316**	**Btuh**
TOTAL HEAT GAIN			**32682**	**Btuh**



Powered by ACCA MANUAL J

Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: Jason Blixson
DATE: 6-15-07

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **LAKE CITY, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2640.0	18.59	8834.0	1.Double, Clear	N	0.0	0.0	80.0	19.20	1.00	1535.0	
				2.Double, Clear	N	0.0	0.0	32.0	19.20	1.00	614.0	
				3.Double, Clear	E	0.0	0.0	80.0	42.06	1.00	3365.0	
				4.Double, Clear	E	0.0	0.0	32.0	42.06	1.00	1346.0	
				5.Double, Clear	S	0.0	0.0	12.5	35.87	1.00	448.0	
				6.Double, Clear	W	0.0	0.0	60.0	38.52	1.00	2311.0	
				7.Double, Clear	W	0.0	0.0	24.0	38.52	1.00	924.0	
				As-Built Total:				**320.5**			**10543.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	1717.5	1.50		2576.3	
Exterior	1717.5	1.70	2919.8									
Base Total:	**1717.5**		**2919.8**	**As-Built Total:**				**1717.5**			**2576.3**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				60.0	4.10		246.0	
Exterior	140.0	6.10	854.0	2.Exterior Insulated				80.0	4.10		328.0	
Base Total:	**140.0**		**854.0**	**As-Built Total:**				**140.0**			**574.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	2640.0	1.73	4567.2	1. Under Attic			30.0	2640.0	1.73 X 1.00		4567.2	
Base Total:	**2640.0**		**4567.2**	**As-Built Total:**				**2640.0**			**4567.2**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	0.0(p)	0.0	0.0	1. Stem Wall			3.5	2640.0	-4.70		-12408.0	
Raised	2640.0	-3.99	-10533.6									
Base Total:			**-10533.6**	**As-Built Total:**				**2640.0**			**-12408.0**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2640.0	10.21	26954.4					2640.0	10.21		26954.4	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 33595.8			**Summer As-Built Points:**					**32806.9**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 36000btuh ,SEER/EFF(13.0) Ducts:Con(S),Con(R),Int(AH),R6.0(INS)					
33595.8	0.3250	10918.6	32807 **32806.9**	1.00 **1.00**	(1.00 x 1.147 x 0.91) **1.044**	0.260 **0.260**	0.902 **0.902**	8035.1 **8035.1**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **LAKE CITY, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2640.0	20.17	9585.0	1.Double, Clear	N	0.0	0.0	80.0	24.58	1.00	1966.0	
				2.Double, Clear	N	0.0	0.0	32.0	24.58	1.00	786.0	
				3.Double, Clear	E	0.0	0.0	80.0	18.79	1.00	1503.0	
				4.Double, Clear	E	0.0	0.0	32.0	18.79	1.00	601.0	
				5.Double, Clear	S	0.0	0.0	12.5	13.30	1.00	166.0	
				6.Double, Clear	W	0.0	0.0	60.0	20.73	1.00	1243.0	
				7.Double, Clear	W	0.0	0.0	24.0	20.73	1.00	497.0	
				As-Built Total:				**320.5**			**6762.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	1717.5	3.40		5839.5	
Exterior	1717.5	3.70	6354.8									
Base Total:	**1717.5**		**6354.8**	**As-Built Total:**				**1717.5**			**5839.5**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				60.0	8.40		504.0	
Exterior	140.0	12.30	1722.1	2.Exterior Insulated				80.0	8.40		672.0	
Base Total:	**140.0**		**1722.1**	**As-Built Total:**				**140.0**			**1176.1**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	2640.0	2.05	5412.0	1. Under Attic			30.0	2640.0	2.05 X	1.00	5412.0	
Base Total:	**2640.0**		**5412.0**	**As-Built Total:**				**2640.0**			**5412.0**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	0.0(p)	0.0	0.0	1. Stem Wall			3.5	2640.0	2.60		6864.0	
Raised	2640.0	0.96	2534.4									
Base Total:			**2534.4**	**As-Built Total:**				**2640.0**			**6864.0**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2640.0	-0.59	-1557.6					2640.0	-0.59		-1557.6	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**24050.6**	**Winter As-Built Points:**					**24496.0**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.7) Ducts:Con(S),Con(R),Int(AH),R6.0					
			24496.0	1.000	(1.000 x 1.169 x 0.93)	0.443	0.950	11204.2
24050.6	**0.5540**	**13324.1**	**24496.0**	**1.00**	**1.087**	**0.443**	**0.950**	**11204.2**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL, PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2635.00	7905.0	50.0	0.93	3		1.00	2620.76	1.00	7862.3
				As-Built Total:							**7862.3**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10919	**13324**	**7905**	**32148**	**8035**	**11204**	**7862**	**27102**

PASS

Schafer Engineering LLC

14952 Main St. Alachua FL 32615

Prepared for:

JASON ELIXSON CONSTRUCTION
THE WILLIAMS RESIDENCE

By:

Schafer Engineering, LLC

386-462-1340 / 352-375-6329

NO COPIES ARE TO BE PERMITTED

SCHAFER ENGINEERING LLC

Trusses: Pre-engineered with manufacturer's required bracing system installed.
Roof sheathing: Type OSB Size 7/16 Fastener type nails 8d/.113 Ring Shank

Interior zone spacing: Interior 6 in. Periphery 3 in.
Edge and end zone spacing: Interior 6 in. Periphery 3 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 10 in.

Studs: Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
74' — Trans: Fastener 8d/131 Spacing: Int 8 in. Edge 3 in.
62' — Long: Fastener 8d/131 Spacing: Int 8 in. Edge 3 in.

Allowable unit shear on shearwalls: 418 **pounds per linear foot**
Unit shear transferred from diaphragm: Trans: 246 Long: 58

Wall tension transferred by: Siding nails 8d/131 @ 3 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi Size 1/2 in. Shape L
Washer 2" Embedment 7 in. Location of first anchor bolt from corner 8 in.

Anchor Bolts @ 48" O.C. Model A307 Loc. from corner 8 in.

Type of foundation: 1 #5 rebar continuous required in bond beam.
Floor slab 4 in. CMU: Size 8 x 16 in. Height 24 in. Reinf. #5 at 72 in.
Monolithic footing: Depth 20 in. Bottom width 12 in. Reinf. 2 # 5 bars

Footing: Width 20 in. Depth 10 in. Reinforcing 3 # 5 bars
Interior Footings: 16" W X 10" D

Porch Columns: 6X6X9 syp #2 @ 144" OC MAX **Column Fasteners:** Simpson CB66/CC66 or Equal

Special Comments: Install a ceiling diaphragm on open porches using same nails, same nail patterns & same grade material as roof sheathing.

NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shear walls.
4. This is a wind load only, NOT a structural analysis.
5. This wind load is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.
10. The foundation is for minimum design use and may be increased.
11. All headers over 12 feet to be pre-engineered.

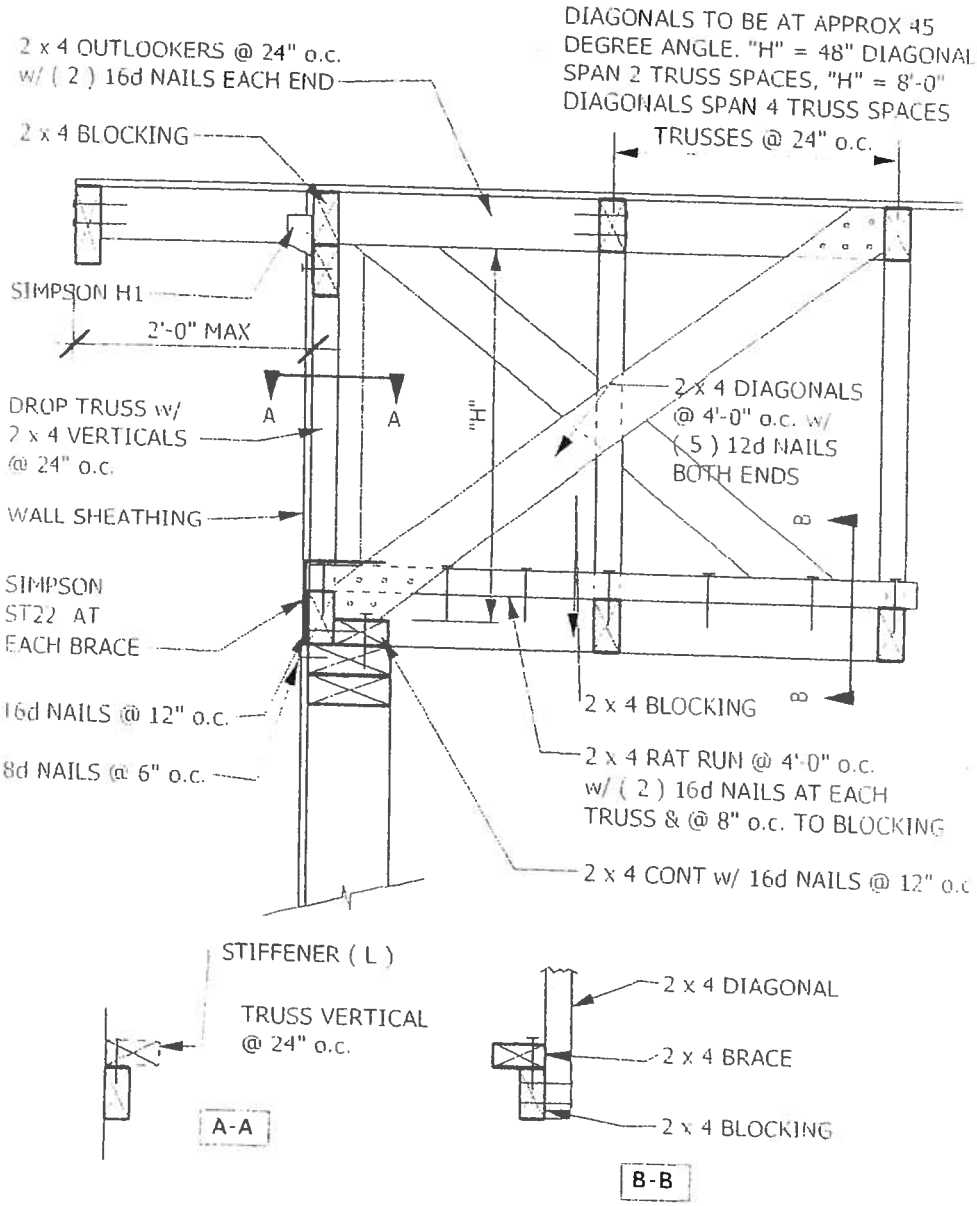
6-17-22

48984
7104 NW 42nd Ln
Gainesville, Fl

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606



TYPICAL GABLE END BRACING

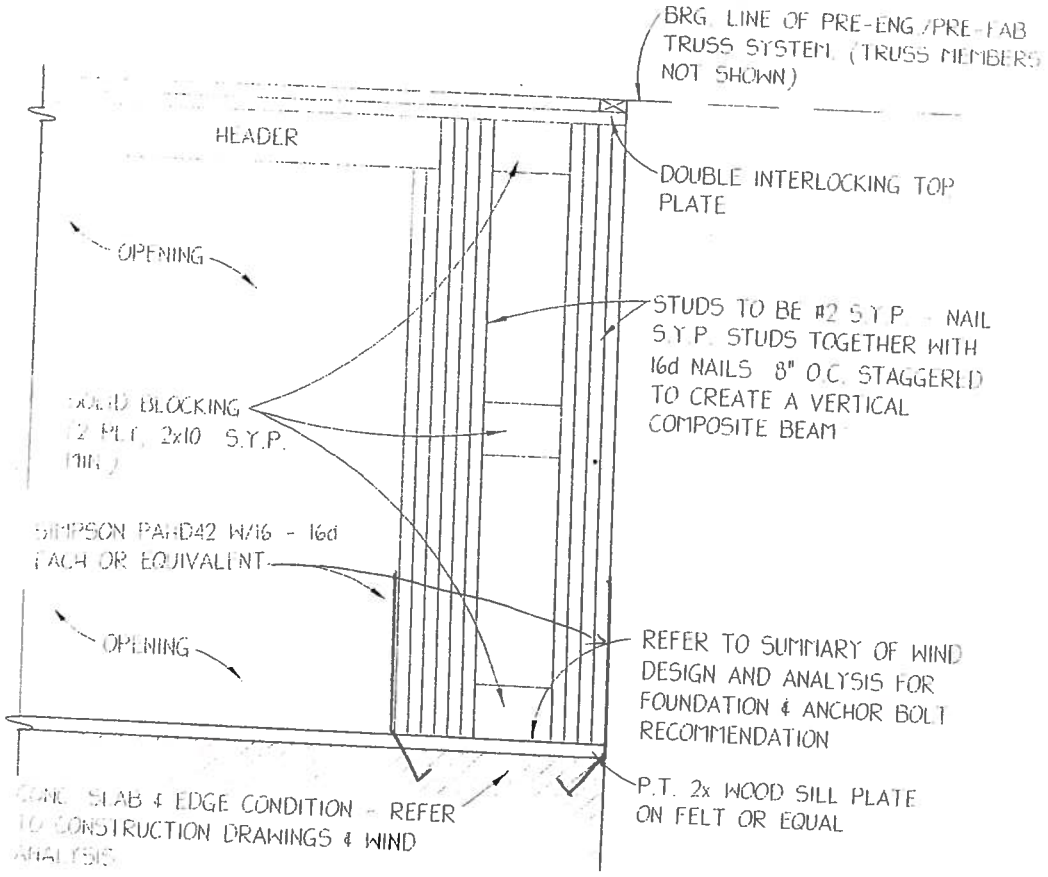
6-14-17

48984
7104 NW 42nd Ln
Gainesville, Fl

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606



MINIMUM 2'-0" SHEAR WALL SEGMENT

ALLOWABLE EQUIVALENT SHEAR WALL EQUAL TO 1.5 TIMES THE ACTUAL WALL SEGMENT LENGTH. MINIMUM WALL SEGMENT LENGTH OF 2'-0" WHICH EQUATES TO A 3'-0" SHEAR WALL SEGMENT. SEE WINDLOAD ANALYSIS FOR NAIL SIZES AND SPACING ON SHEATHING.

6-14-07

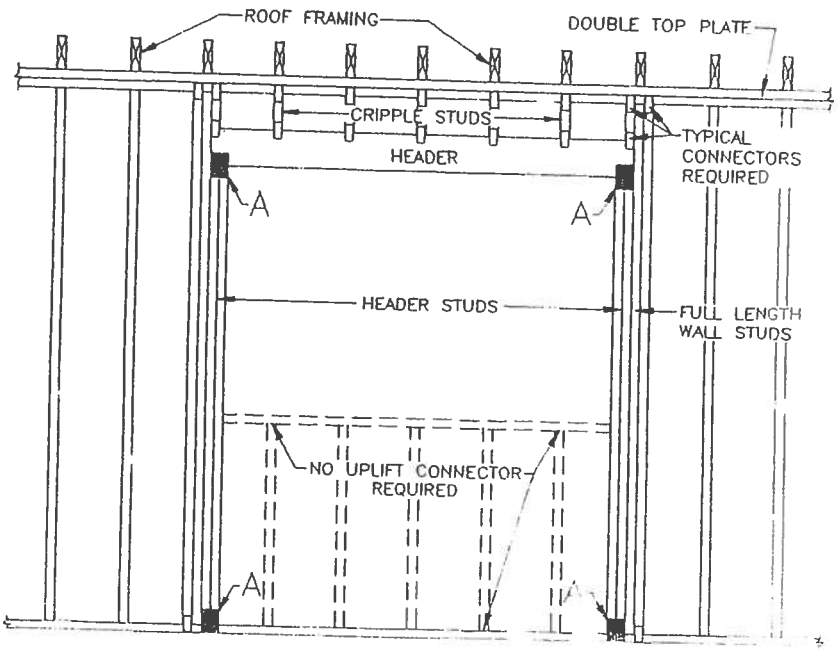
48984
7104 NW 42nd Ln
Gainesville, Fl

Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1[1]	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

1. The header stud shall not be required if the header is supported by a suitable framing anchor.

Uplift connection requirement at points A (top and bottom of header studs): Uplift load per framing member above the header from Table 307F1 or 307A, as appropriate, multiplied by the number of framing members displaced divided by two.

NOTE: Uplift connection is required at each end of header and at bottom of header studs in addition to connectors at wall studs and at top and bottom of cripples.



TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700
Total uplift for each truss resting on the header and divide by 2 to determine the uplift force. Use proper bolt anchors sufficient to support required load.				

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A
Two 12d common toenails are required per truss/rafter per bearing point into plate. Use proper bolt anchors. Strap rafters to truss or at each end with minimum uplift resistance of 450# each end. Strap ridge beam at each end with minimum uplift resistance of 1000#. It is the contractors' responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.		

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300
*or per truss engineering Use proper bolt anchors All beams to be sheathed or strapped to Double Top Plate when applicable.				

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails.
Use SP1 & SP2 @32" O.C. on all interior non-sheathed bearing walls.
Interior anchor bolts to be ½" x 8" A307 or ½" x 7" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.

NOTE:

1. For nailing into SPF members, multiply table values by .86
2. See truss engineering for anchor tie-down values.

ASCE 7-02

6/13/07

Wind Load Design per ASCE 7-02

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	33.7	Deg
Type of Roof	Hipped	
Eave Height (Eht)	9.00	ft
Ridge Height (RHt)	21.43	ft
Mean Roof Height (Ht)	15.28	ft
Width Perp. to Wind (B)	79.84	ft
Width Parallel to Wind (L)	77.58	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.20
Flexible Structure	No

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.8773	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8526	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	0.99	
Nb	4.6*NatFreq*B/Vzm	5.18	
Nd	15.4*NatFreq*Depth/Vzm	16.85	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5700	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.1744	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.0576	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.5527	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	0.99	

Gust Factor Summary			
Main Wind-force resisting system:		**Components and Cladding:**	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.85	Gust Factor (G)	0.85

ASCE 7-02

6/13/07

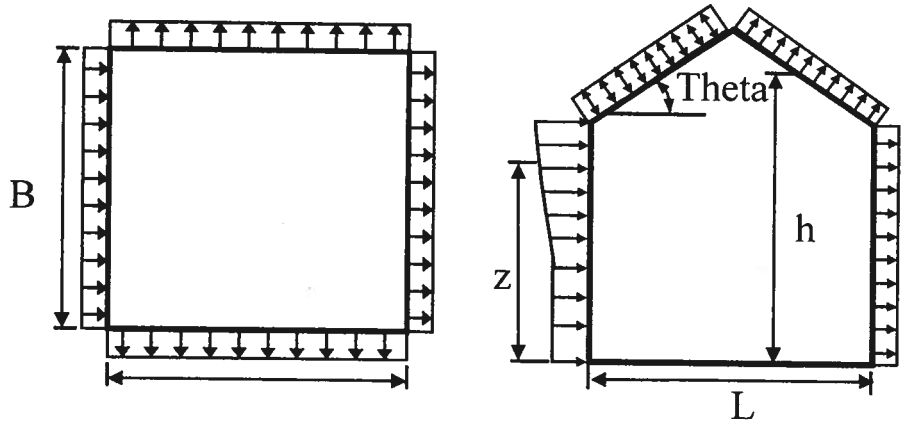
Wind Load Design per ASCE 7-02

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev. ft	Kz	Kzt	Kd 1.00	qz lb/ft^2	Pressure (lb/ft^2) Windward Wall* +GCpi	-GCpi
21.43	0.70	1.00	1.00	21.70	11.58	18.02
20	0.70	1.00	1.00	21.70	11.58	18.02
15.28	0.70	1.00	1.00	21.70	11.58	18.02
15	0.70	1.00	1.00	21.70	11.58	18.02

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(Ht/zg)^(2/Alpha)	0.58	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	17.90	psf

Wall Pressure Coefficients, Cp	
Surface	**Cp**
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf) +GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 79.84 ft wall)	-0.50	-10.85	-4.41
Leeward Walls (Wind Dir Parallel to 77.58 ft wall)	-0.49	-10.76	-4.32
Side Walls	-0.70	-13.90	-7.46
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.05	-4.01	2.43
Windward - Max Positive	0.37	2.49	8.93
Leeward Normal to Ridge	-0.60	-12.38	-5.93
Overhang Top	-0.05	-0.79	-0.79
Overhang Bottom	0.80	0.68	0.68
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 7.64 ft	-0.90	-16.95	-10.51

ASCE 7-02

Wind Load Design per ASCE 7-02

Dist from Windward Edge: 7.64 ft to 15.28 ft	-0.90	-16.95	-10.51
Dist from Windward Edge: 15.28 ft to 30.56 ft	-0.50	-10.85	-4.41
Dist from Windward Edge: > 30.56 ft	-0.30	-7.80	-1.36

* Horizontal distance from windward edge

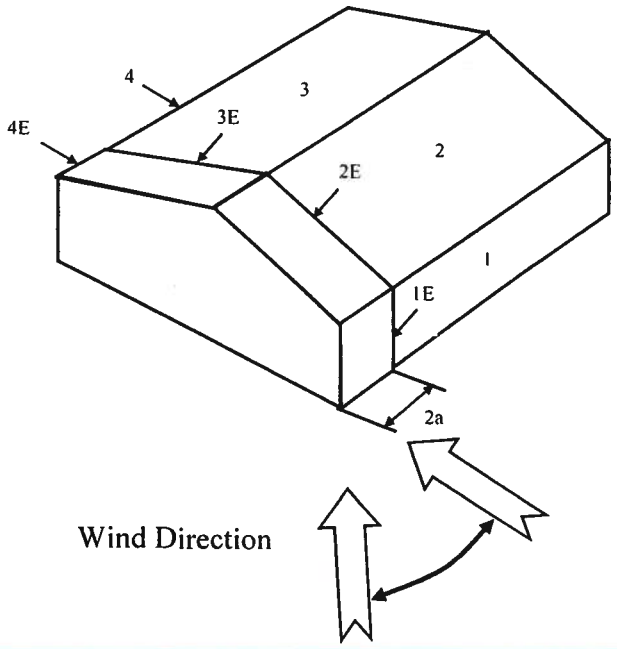
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.58
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.90

Case A						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	0.56	0.18	-0.18	21.70	8.25	16.06
2	0.21	0.18	-0.18	21.70	0.65	8.46
3	-0.43	0.18	-0.18	21.70	-13.24	-5.43
4	-0.37	0.18	-0.18	21.70	-11.94	-4.12
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.69	0.18	-0.18	21.70	11.07	18.88
2E	0.27	0.18	-0.18	21.70	1.95	9.77
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* p = qh * (GCpf - GCpi)



ASCE 7-02

Wind Load Design per ASCE 7-02

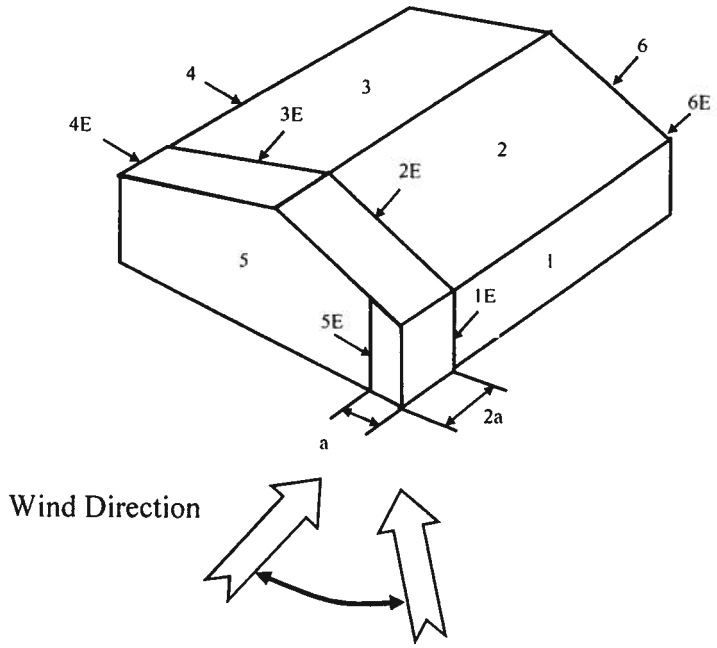
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.58
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.90

Case B						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

* p = qh * (GCpf - GCpi)



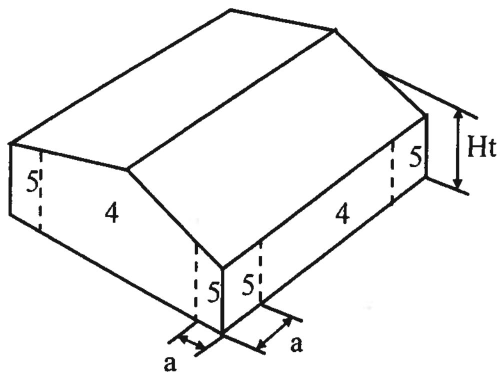
ASCE 7-02

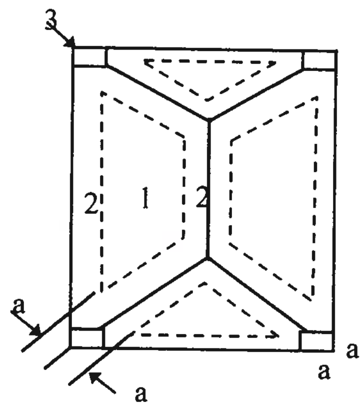
6/13/07

Wind Load Design per ASCE 7-02

Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft





Hipped Roof
10 < Theta <= 30

a = 6.112 ==> 6.11 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	17.80	-21.64
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
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	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

ASCE 7-02

Wind Load Design per ASCE 7-02

Condition	Gcpi	
	Max +	Max -
Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	**0.18**	**-0.18**

Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.31	-18.48	-10.85
	P (-GCpi) -psf	5.13	-12.04	-4.41
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.19	-18.48	-10.85
	P (-GCpi) -psf	3.19	-18.48	-10.85

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

Variable	Description	Value	
L	Roof dimension normal to wind direction	77.58	ft
B	Roof dimension parallel to wind direction	79.84	ft
L/B	Ratio of L to B	0.972	
Theta	Slope of Roof	33.7	Deg
Cf	Force Coefficient	0.00	
X	Distance to center of pressure from windward edge	0.00	ft

Residential Window Diversity

MidSummer

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

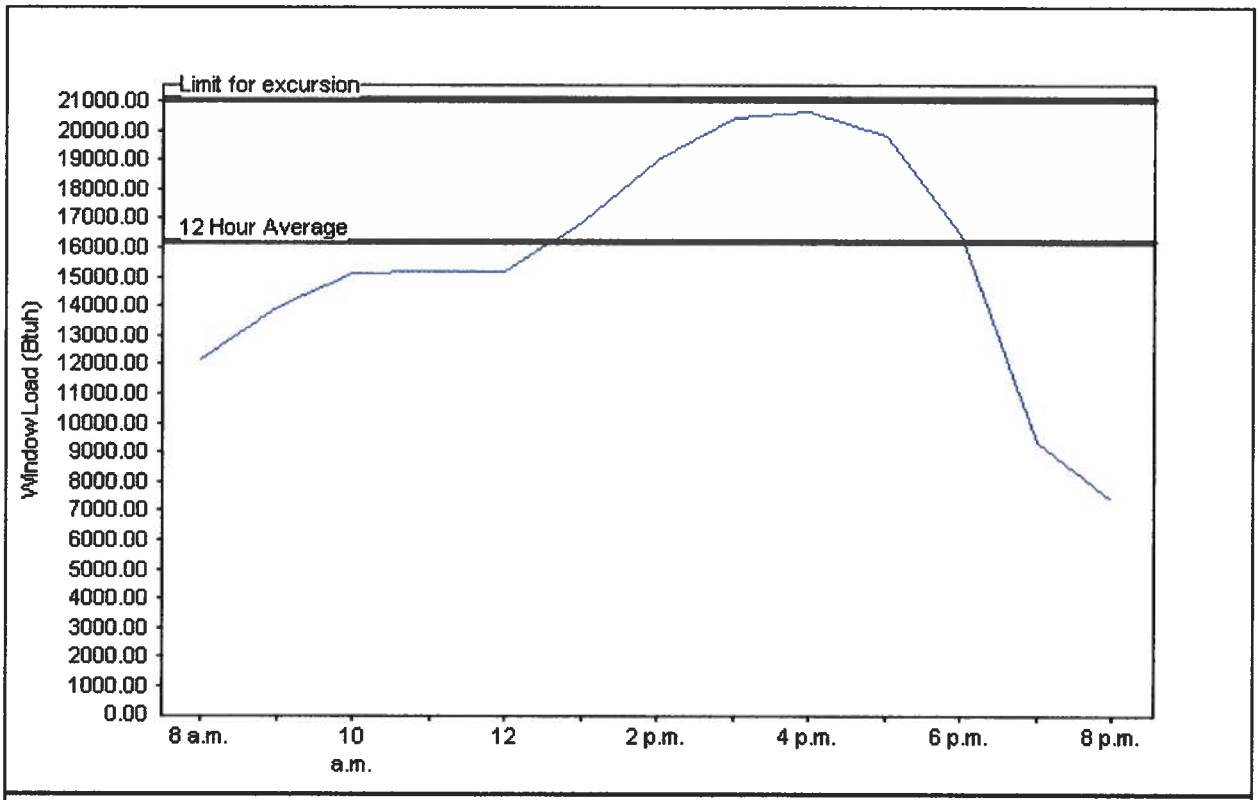
Code Only
Professional Version
Climate: North

6/17/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	16189 Btu
Summer setpoint	75 F	Peak window load for July	20686 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	21045 Btu
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: Jason Elixson

DATE: 6-15-07

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

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

6/17/2007

This calculation is for Worst Case. The house has been rotated 180 degrees.

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, B-M, N,H	S	0ft.	0ft.	80.0	0.0	80.0	19	23	1874 Btuh
2	2, Clear, 0.87, None,N,N	S	0ft.	0ft.	32.0	0.0	32.0	29	34	1076 Btuh
3	2, Clear, 0.87, B-M, N,H	W	0ft.	0ft.	80.0	0.0	80.0	19	52	4185 Btuh
4	2, Clear, 0.87, None,N,N	W	0ft.	0ft.	32.0	0.0	32.0	29	80	2545 Btuh
5	2, Clear, 0.87, B-M, N,H	N	0ft.	0ft.	12.5	0.0	12.5	19	19	243 Btuh
6	2, Clear, 0.87, B-M, N,H	E	0ft.	0ft.	60.0	0.0	60.0	19	52	3139 Btuh
7	2, Clear, 0.87, None,N,N	E	0ft.	0ft.	24.0	0.0	24.0	29	80	1908 Btuh
	Window Total				321 (sqft)					14969 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1717.5	2.1	3582 Btuh
	Wall Total		1718 (sqft)		3582 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		60.0	9.8	588 Btuh
2	Insulated - Exterior		80.0	9.8	784 Btuh
	Door Total		140 (sqft)		1372 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2640.0	1.7	4372 Btuh
	Ceiling Total		2640 (sqft)		4372 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Stem Wall with Stem Wall Insul	3.5	2640 (sqft)	0.9	2492 Btuh
	Floor Total		2640.0 (sqft)		2492 Btuh
			Zone Envelope Subtotal:		26787 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)		CFM=	Load
	SensibleNatural	0.16	23760	1718		0.0	0 Btuh
Internal gain		Occupants	Btuh/occupant			Appliance	Load
		0	X 230	+		2400	2400 Btuh
					Sensible Envelope Load:		29187 Btuh
Duct load	Average sealed, Supply(R6.0-Cond.), Return(R6.0-Cond)				(DGM of 0.000)		0 Btuh
					Sensible Zone Load		**29187 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

6/17/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**30366 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**30366 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**30366 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	2316 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**2316 Btuh**
	TOTAL GAIN	**32682 Btuh**

EQUIPMENT

1. Central Unit	#	36000 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)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

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

6/17/2007

This calculation is for Worst Case. The house has been rotated 180 degrees.

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, B-M, N,H	S	0ft.	0ft.	80.0	0.0	80.0	19	23	1874 Btuh
2	2, Clear, 0.87, None,N,N	S	0ft.	0ft.	32.0	0.0	32.0	29	34	1076 Btuh
3	2, Clear, 0.87, B-M, N,H	W	0ft.	0ft.	80.0	0.0	80.0	19	52	4185 Btuh
4	2, Clear, 0.87, None,N,N	W	0ft.	0ft.	32.0	0.0	32.0	29	80	2545 Btuh
5	2, Clear, 0.87, B-M, N,H	N	0ft.	0ft.	12.5	0.0	12.5	19	19	243 Btuh
6	2, Clear, 0.87, B-M, N,H	E	0ft.	0ft.	60.0	0.0	60.0	19	52	3139 Btuh
7	2, Clear, 0.87, None,N,N	E	0ft.	0ft.	24.0	0.0	24.0	29	80	1908 Btuh
	Window Total				321 (sqft)					14969 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load
1	Frame - Wood - Ext		13.0/0.09		1717.5			2.1		3582 Btuh
	Wall Total				1718 (sqft)					3582 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Exterior				60.0			9.8		588 Btuh
2	Insulated - Exterior				80.0			9.8		784 Btuh
	Door Total				140 (sqft)					1372 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle		30.0		2640.0			1.7		4372 Btuh
	Ceiling Total				2640 (sqft)					4372 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Stem Wall with Stem Wall Insul		3.5		2640 (sqft)			0.9		2492 Btuh
	Floor Total				2640.0 (sqft)					2492 Btuh
							Envelope Subtotal:			26787 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)	CFM=		Load
	SensibleNatural		0.16		23760		1718	0.0		1179 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			0		X 230		+	2400		2400 Btuh
							Sensible Envelope Load:			30366 Btuh
Duct load							(DGM of 0.000)			0 Btuh
							Sensible Load All Zones			**30366 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

6/17/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**30366 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**30366 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**30366 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	2316 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**2316 Btuh**
	TOTAL GAIN	**32682 Btuh**

EQUIPMENT

1. Central Unit	#	36000 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)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

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

6/17/2007

This calculation is for Worst Case. The house has been rotated 180 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	S	80.0	32.2	2575 Btuh
2	2, Clear, Metal, 0.87	S	32.0	32.2	1030 Btuh
3	2, Clear, Metal, 0.87	W	80.0	32.2	2575 Btuh
4	2, Clear, Metal, 0.87	W	32.0	32.2	1030 Btuh
5	2, Clear, Metal, 0.87	N	12.5	32.2	402 Btuh
6	2, Clear, Metal, 0.87	E	60.0	32.2	1931 Btuh
7	2, Clear, Metal, 0.87	E	24.0	32.2	773 Btuh
	Window Total		321(sqft)		10317 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1718	3.3	5640 Btuh
	Wall Total		1718		5640 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		60	12.9	777 Btuh
2	Insulated - Exterior		80	12.9	1036 Btuh
	Door Total		140		1813Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2640	1.2	3111 Btuh
	Ceiling Total		2640		3111Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Stem Wall with Stem Wall I	3.5	2640.0 sqft	2.0	5325 Btuh
	Floor Total		2640		5325 Btuh
			Zone Envelope Subtotal:		26206 Btuh

Infiltration	Type	ACH	X Volume(cuft)	walls(sqft)	CFM=	
	Natural	0.32	23760	1718	0.0	0 Btuh
Ductload	Average sealed, Supply(R6.0-Cond.), Return(R6.0-Cond)(DLM of 0.000)					0 Btuh
Zone #1	**Sensible Zone Subtotal**					**26206 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

6/17/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	31339 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31339 Btuh

EQUIPMENT

1. Electric Heat Pump	#	36000 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)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

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

6/17/2007

This calculation is for Worst Case. The house has been rotated 180 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	S	80.0	32.2	2575 Btuh
2	2, Clear, Metal, 0.87	S	32.0	32.2	1030 Btuh
3	2, Clear, Metal, 0.87	W	80.0	32.2	2575 Btuh
4	2, Clear, Metal, 0.87	W	32.0	32.2	1030 Btuh
5	2, Clear, Metal, 0.87	N	12.5	32.2	402 Btuh
6	2, Clear, Metal, 0.87	E	60.0	32.2	1931 Btuh
7	2, Clear, Metal, 0.87	E	24.0	32.2	773 Btuh
	Window Total		321(sqft)		10317 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1718	3.3	5640 Btuh
	Wall Total		1718		5640 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		60	12.9	777 Btuh
2	Insulated - Exterior		80	12.9	1036 Btuh
	Door Total		140		1813Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2640	1.2	3111 Btuh
	Ceiling Total		2640		3111Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Stem Wall with Stem Wall I	3.5	2640.0 sqft	2.0	5325 Btuh
	Floor Total		2640		5325 Btuh
			Envelope Subtotal:		26206 Btuh

Infiltration	Type	ACH	X Volume(cuft)	walls(sqft)	CFM=	
	Natural	0.32	23760	1718	0.0	5133 Btuh
Ductload				(DLM of 0.000)		0 Btuh
All Zones			**Sensible Subtotal All Zones**			**31339 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	31339 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31339 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

TONY WILLIAMS

LAKE CITY, FL

Project Title:
WILLIAMS RESIDENCE

Code Only
Professional Version
Climate: North

6/17/2007

EQUIPMENT		
1. Electric Heat Pump	#	36000 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)

Version 8
For Florida residences only

Test Results: (Continued)

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

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

Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds)		
@ 53.0 psf (positive)	0.03"	0.29" max
@ 52.5 psf (negative)	0.02"	0.29" max

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

For ARCHITECTURAL TESTING, INC

Mark A. Hess
Technician

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

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

MAH:nlb
01-41641.01

Test Results: (Continued)

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

Allen N. Reeves
7 JUNE 2002

ALLEN N. REEVES ★ CERTIFICATE NO. 15334 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER ★

Test Specimen Description: (Continued)

Hardware:

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

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized

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

Test Results:

The results are tabulated as follows

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

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

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

Allen N. Reeves
7 JUNE 2002

ALLEN N. REEVES P.E. CERTIFICATE NO. 13354 STATE OF FLORIDA PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

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

Weatherstripping:

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

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

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

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

ALLEN N. REEVES
CERTIFICATE
NO. 19364
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
7 JUNE 2002

Architectural Testing

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

Rendered to

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

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

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

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

Test Specimen Description:

Series/Model: 650

Type: Aluminum Triple Single Hung Window

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

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

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

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

Finish: All aluminum was painted white.

ALLEN N. REEVES
CERTIFICATE
NO. 19254
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
7 JUNE 2002

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

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

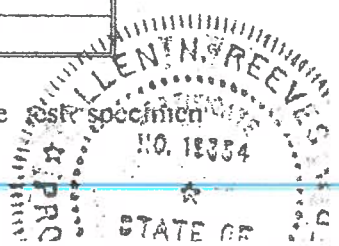
Rendered to:

MI HOME PRODUCTS, INC.

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

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

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

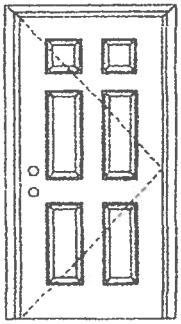


X
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

Warnock Hersey

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

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

Design Pressure
+66.0/-66.0
limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:


Flush


Arch Top 3-panel


3-panel


6-panel


New England 4-panel


Eyebrow 4-panel


8-panel


9-panel


15-panel


5-panel


5-panel with scroll


Eyebrow 5-panel


Eyebrow 5-panel with scroll

X
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2185-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

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

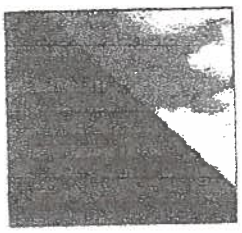
Kurt L Balthazor

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

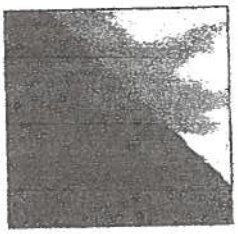
Warnock Hersey

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

ELK



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE®

Prestique Plus *High Definition* and Prestique Gallery Collection

Product size 13¼"x 39⅜"
Exposure 5⅝"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 11

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

Raised Profile

Product size 13¼"x 38⅜"
Exposure 5⅝"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

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

Prestique *High Definition*

Product size 13¼"x 39⅜"
Exposure 5⅝"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 14

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

Prestique *High Definition*

Product size 13¼"x 38⅜"
Exposure 5⅝"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

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

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™
Size: 12"x 12"
Exposure: 6⅝"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Vented RidgeCrest™ w/FLX
Size: 13"x13⅜"
Exposure: 9⅞"
Pieces/Box: 26
Coverage: 5 boxes = 100 linear feet

Elk Starter Strip

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

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

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

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

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

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

*See actual limited warranty for conditions and limitations.
** Effective January 1, 2024, the seven year non-prorated Underlie Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for such products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and north of the states of VA, KY, MO, KS, CO, UT, NV, & OR.
***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grand, at least six (6) properly placed NAILS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

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

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

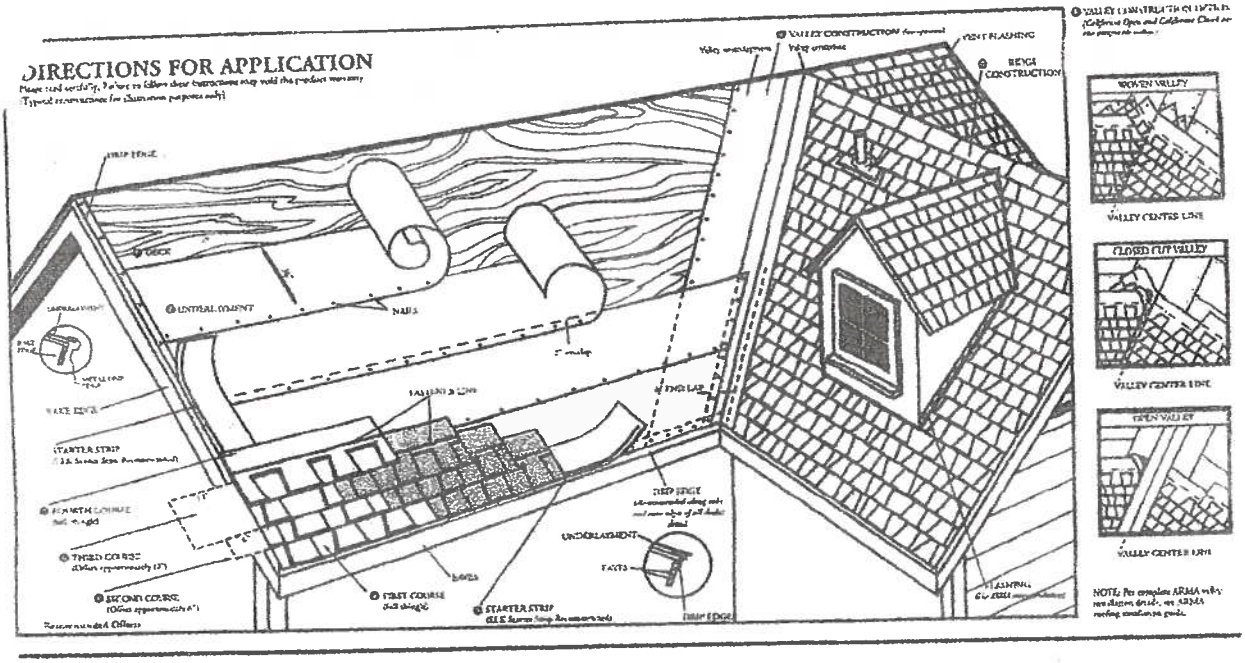
Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard.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

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

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

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

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



DIRECTIONS FOR APPLICATION

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

① DECK PREPARATION

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

② UNDERLAYMENT

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

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

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

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

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

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

③ STARTER SHINGLE COURSE

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

④ FIRST COURSE

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

⑤ SECOND COURSE

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

⑥ THIRD COURSE

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

⑦ FOURTH COURSE

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

FIFTH AND SUCCEEDING COURSES.

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

⑧ VALLEY CONSTRUCTION

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

⑨ RIDGE CONSTRUCTION

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

FASTENERS

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

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

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

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

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

MANSARD APPLICATIONS

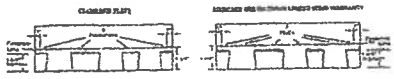
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only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

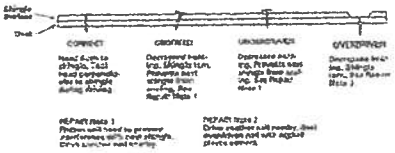
LIMITED WIND WARRANTY

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

HELP STOP BLOW-OFFS AND CALL-BACKS

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





Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.

All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

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

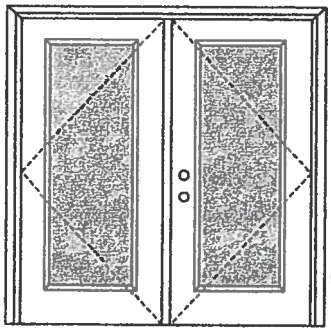
ELK
The Premium Choice
www.elkcorp.com

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

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

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

Warnock Hersey

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

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series


133, 135 Series


136 Series


680 Series


822 Series

1/2 GLASS:


105 Series*


106, 160 Series*


129 Series*


200 Series*


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


107 Series*


108 Series


304 Series

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

Johnson EntrySystems

PREMDOOR

Exclusively from Masonite

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:


404 Series


410 Series


450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

CERTIFIED TEST REPORTS:

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

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthazor

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

Warnock Hersey

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

Johnson™ EntrySystems

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

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

Anthony Power Header®

2600F_b - 1.9E

www.woodfordplywood.com
800-447-6566
11960 W. Beaver Street
Jacksonville, FL 32220

Anthony Power Header® Advantages

- Less Expensive than LVL or PSL
- Lighter than Steel, LVL or PSL
- Pre-Cut Lengths
- Renewable Resource
- Cambered or Non-cambered
- 3-1/2" Width to Match Framing
- One Piece - No Nail Laminating
- Lifetime Warranty

Garage Header Sizing Tables

ANTHONY®
ANTHONY FOREST PRODUCTS CO.

Anthony POWER HEADER®

26Fb - 1.9E

ENGINEERED WOOD SECTION PROPERTIES AND LOAD CAPACITIES

ALLOWABLE DESIGN STRESSES (PSI):

FLEXURAL STRESS (F_b)= 2600
COMPRESSION PERP. TO GRAIN ($F_{c\perp}$)= 740
HORIZONTAL SHEAR (F_v)= 225
MODULUS OF ELASTICITY (MOE)= 1.9 x 10^6

	7.7	9.0	10.4	11.7	12.9	14.2	15.5
	326	514	789	1115	1521	2014	2604
	8865	12015	15996	20145	24772	29877	35460
	3908	4550	5250	5892	6533	7175	7317

NOTES:

1. Beam weights are based on 38 pcf.
2. Moment capacities are based on a span of 21 feet and must be modified for other spans.
3. Flexural Stress, F_b, shall be modified by the Volume Factor, C_v, as outlined in AITC 117 - Design 2001 and the NDS for Wood Construction 2002.
4. Allowable design properties and load capacities are based on a load duration of 100 percent and dry use conditions.
5. The AITC NER 466 was used in calculating the above allowable design stresses for POWER HEADER®.

GARAGE HEADER COMPARISONS

	810 / 540	3-1/2" x 8-3/8"	3-1/2" x 9-5/8"	3-1/2" x 9"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"**
	990 / 720	3-1/2" x 9-3/4"	3-1/2" x 9-5/8"	3-1/2" x 10-1/2"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"**
	640 / 400	3-1/2" x 12-5/8"	3-1/2" x 13-3/4"	3-1/2" x 13-1/2"	3-1/2" x 14"	3-1/2" x 14"*
	765 / 510	3-1/2" x 14"	3-1/2" x 15-1/8"	3-1/2" x 15"	3-1/2" x 14"	3-1/2" x 16"*
	750 / 480	3-1/2" x 15-3/8"	3-1/2" x 16-1/2"	3-1/2" x 16-1/2"	3-1/2" x 16"	3-1/2" x 18"*
	900 / 600	3-1/2" x 16-3/4"	3-1/2" x 17-7/8"	3-1/2" x 18"	3-1/2" x 16"	---

For more information on POWER HEADER®, or other laminated structural products from Anthony Forest Products Company please call 1-800-221-2326 or FAX at 870-862-6502.

Distributed by:

JUN. 8. 2007 11:40AM [illegible]

Anthony POWER HEADER®

25Fb - 1.9E

3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	114	145	180	231	277	359	391	510	534	653	707	78[illegible]	1896	[illegible]

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[illegible]	76	107	120	171	185	267	261	380	356	521	471	684	609	813

NOTES:

1. Values shown are the maximum uniform loads in pounds per lineal foot (PLF) that can be applied to the header. Header weight has been subtracted from the allowable total load.
2. Tables are based on simple span uniform load conditions using a design span equal to the center-to-center of bearing. Non-shaded areas are based on 3" of bearing at each support, shaded areas on 4.5" of bearing, and shaded and outlined areas on 6" of bearing at supports.
3. Headers are assumed to be loaded on the top edge with continuous lateral support along compression edge.
4. When no live load is listed, total load controls.
5. Deflection limits are listed within the PLF table heading.

GARAGE HEADER SIZING USING PLF TABLES:

To size a garage header supporting roof only, determine the total load and live load in pounds per lineal foot (PLF). Check the appropriate PLF table for a header supporting roof loads only (125% Non-Snow vs. 115% Snow) and select a member with a total load and live load capacity which meets or exceeds the design load for the rough opening size. For a garage header supporting roof, wall, and floor framing, determine the total load and live load in pounds per lineal foot (PLF). Select a header size from the roof, wall, and floor table (100% load duration) which has a total load and live load capacity equal to or greater than the design load for the appropriate rough opening.

Received Time Jun. 8. 6:58AM

Anthony POWER HEADER®

26F_b - 1.9E

3-1/2" WIDTH GARAGE HEADER APPLICATION - SINGLE STORY

HEADER SUPPORTING: 1/2 ROOF SPAN

	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"
	8-3/8	11-1/4	12-5/8	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	16-3/4
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	8-3/8	14	15-3/8	8-3/8	15-3/8		8-3/8	15-3/8		9-3/4			9-3/4			11-1/4		
	8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4	15-3/8		9-3/4			9-3/4			11-1/4		

	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"
	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	12-5/8	14
	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	12-5/8	14	8-3/8	12-5/8	14
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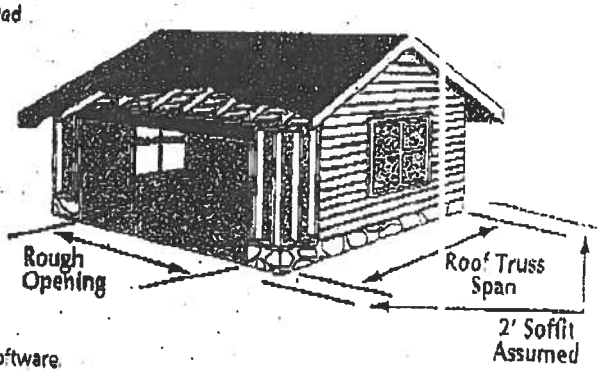
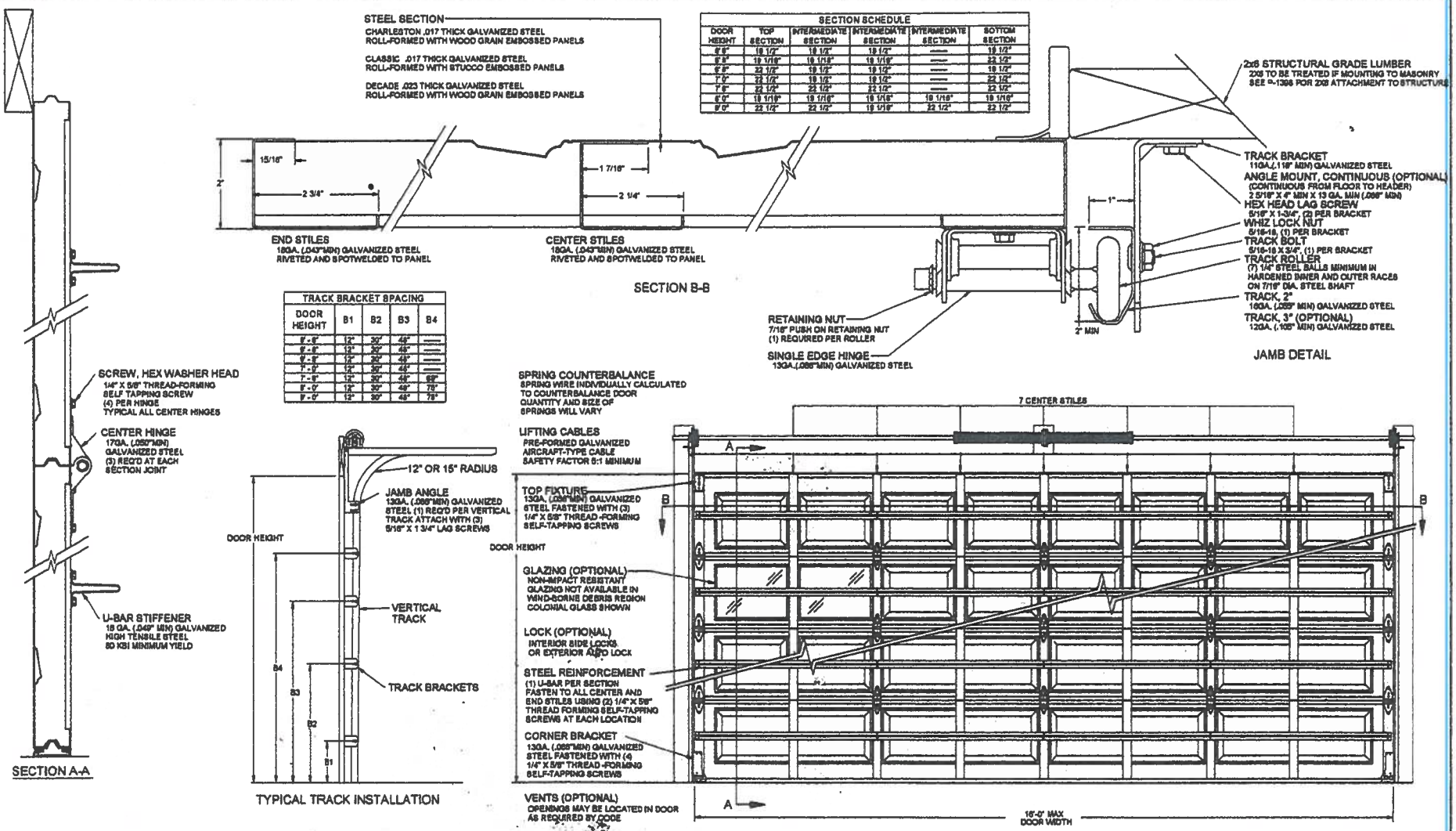
	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8	

NOTES:

1. Table assumes a simple span header supporting a uniform load transferred from 1/2 the roof span plus a 2' soffit.
2. Roof live and dead loads shown are applied vertically to the horizontal projection. No reductions in roof live loads or snow loads were considered. The header weight is accounted for in the table.
3. Deflection is limited to L/240 for live load and L/180 for total load.
4. Headers are assumed to have continuous lateral support along top edge.
5. Bearing length based on full width bearing is indicated as follows:
   Non-shaded sizes require two trimmers (3" bearing).
   Shaded sizes require three trimmers (4.5" bearing).
   Shaded and outlined sizes require four trimmers (6" bearing).
6. ** Applications where load carrying capacity of 16-3/4" depth has been exceeded. See AFP 30F_b POWER BEAM® literature or AFP's Power-Sizer Software.





DOORS TESTED PER ASTM E-330

CHARLESTON, CLASSIC, DECADE						
QTY OF CENTER STILES	NO GLASS		COLONIAL GLASS		RANCH GLASS	
	PSF RATING		PSF RATING		PSF RATING	
	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-
7	+16.3 -20.4	+27.5 -30.6	+16.3 -20.4	+27.5 -30.6	N/A	N/A

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

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

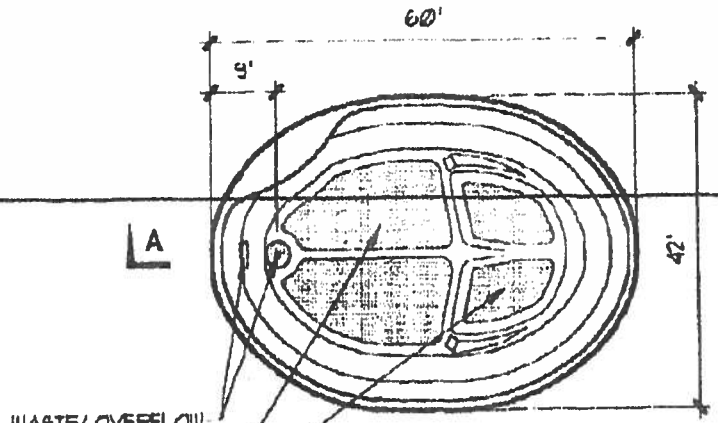
RAYNOR
1101 EAST RIVER ROAD
DIXON, IL 61021

TITLE: SPEC, WINDLOAD CHARLESTON/CLASSIC/ DECADE 16' WIDE

NO. P-2342

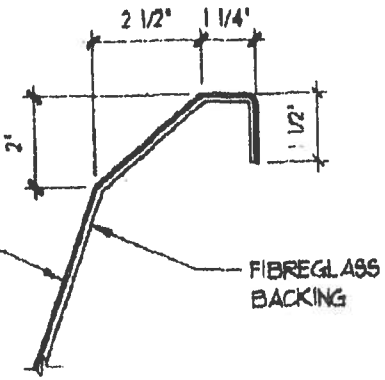
SHEET 1 OF 1

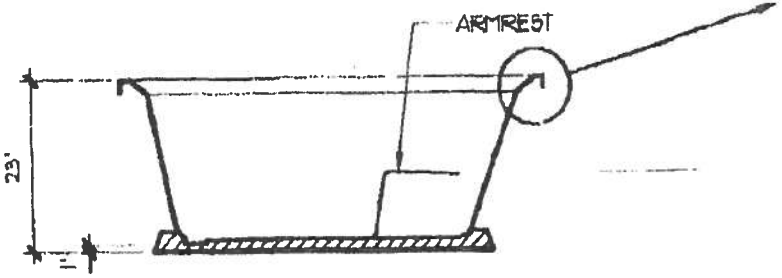
REV A



PLAN

SCALE: 1/2"=1'-0"





SECTION - AA

SCALE: 1/2"=1'-0"

MODEL NO. **NB-410**

42"W X 60"L X 22"D

NATURAL WHIRLPOOL - BATHS

REVISIONS	BY

SPECIFICATION DRAWING FOR NATURAL WHIRLPOOL BATH

MODEL NO. NB-410

BAKER MFG. CORP.

Manufacturers of:

Spitfway Spas • Natural Spas

Natural Whirlpool Baths

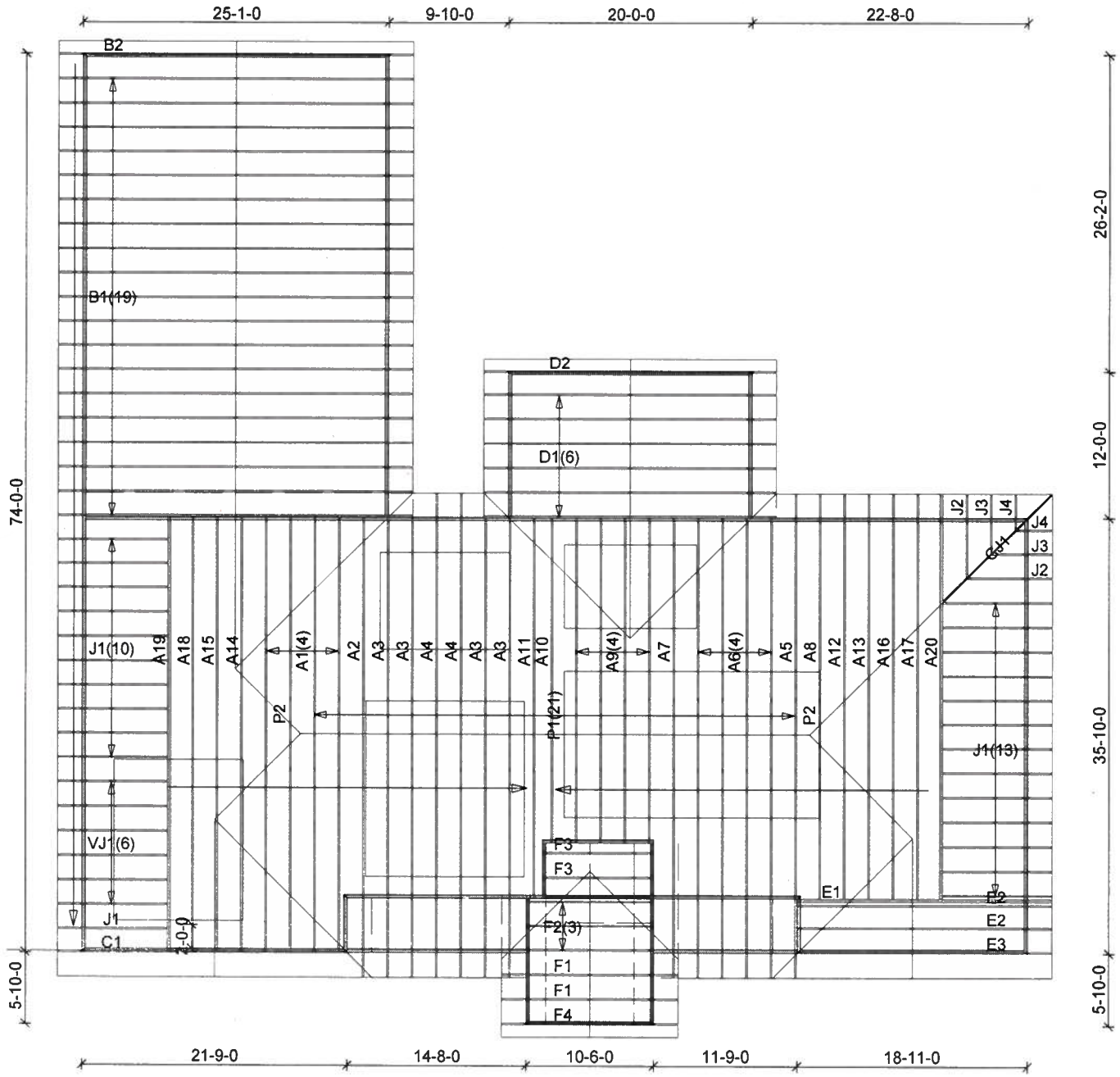
7460 Chancellor Drive

Orlando, FL 32809

DATE	10-1-96
SCALE	AS NOTED
DRAWN BY	BSN
APPROVED BY	RKN
DRAWING NUMBER	S-410

Plans

Site location - Map
Property ID Information
Wind Load - SPEC
Garbage Door - SPEC
WhirlPool - SPEC
Garbage Headers SPEC
shingles SPEC
Doors SPEC
Deal Door - Specs
Window testing Report
Wind Load Report
Form 600A-2004R Energy Report
Truss Report



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

JASON ELIXSON CONSTRUCTION

TONY WILLIAMS RESIDENCE

110 MPH ASCE WIND LOAD

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

Account: CONTRACTORS
Job: ELIXSON-WILL
Designer: M.MURRAY
Checker: M.MURRAY
Date: 06-06-07

RE: ELIXSON-WILL -

Site Information:
Project Customer: JASON ELIXSON CONSTRUCTION Project Name: TONY WILLIAMS
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 21.0.032□
Wind Code: ASCE 7-02 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

This package includes 40 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	T2566251	A1	6/5/07	18	T2566268	A18	6/5/07
2	T2566252	A2	6/5/07	19	T2566269	A19	6/5/07
3	T2566253	A3	6/5/07	20	T2566270	A20	6/5/07
4	T2566254	A4	6/5/07	21	T2566271	B1	6/5/07
5	T2566255	A5	6/5/07	22	T2566272	B2	6/5/07
6	T2566256	A6	6/5/07	23	T2566273	C1	6/5/07
7	T2566257	A7	6/5/07	24	T2566274	CJ1	6/5/07
8	T2566258	A8	6/5/07	25	T2566275	D1	6/5/07
9	T2566259	A9	6/5/07	26	T2566276	D2	6/5/07
10	T2566260	A10	6/5/07	27	T2566277	E1	6/5/07
11	T2566261	A11	6/5/07	28	T2566278	E2	6/5/07
12	T2566262	A12	6/5/07	29	T2566279	E3	6/5/07
13	T2566263	A13	6/5/07	30	T2566280	F1	6/5/07
14	T2566264	A14	6/5/07	31	T2566281	F2	6/5/07
15	T2566265	A15	6/5/07	32	T2566282	F3	6/5/07
16	T2566266	A16	6/5/07	33	T2566283	F4	6/5/07
17	T2566267	A17	6/5/07	34	T2566284	J1	6/5/07

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

June 5,2007
Magid, Michael

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

RE: ELIXSON-WILL -

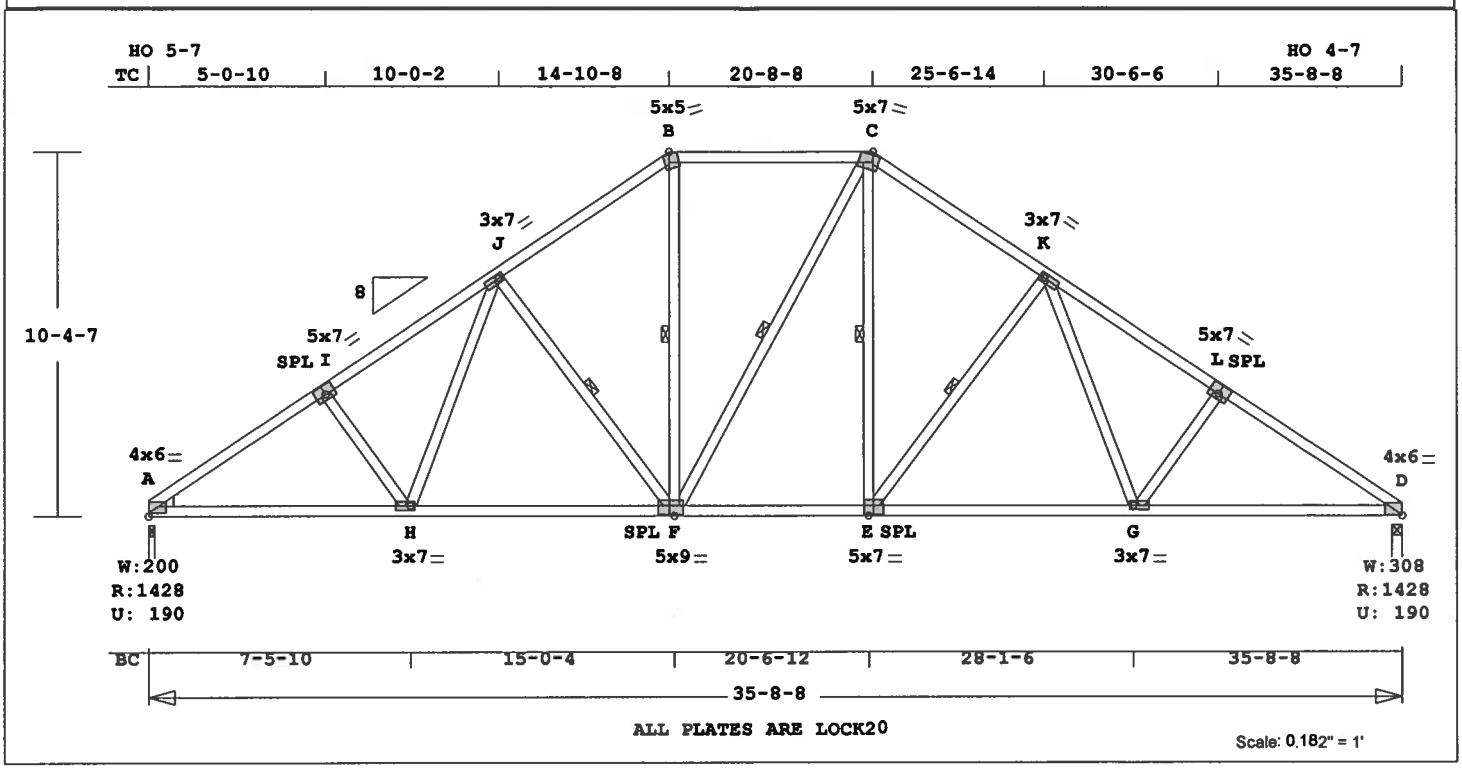
Site Information:

Project Customer: JASON ELIXSON CONSTRUCTION Project Name: TONY WILLIAMS
Lot/Block: - Subdivision: -
Address: -
City: COLUMBIA COUNTY State: FL

No.	Seal#	Truss Name	Date
35	T2566285	J2	6/5/07
36	T2566286	J3	6/5/07
37	T2566287	J4	6/5/07
38	T2566288	P1	6/5/07
39	T2566289	P2	6/5/07
40	T2566290	VJ1	6/5/07

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
ELIXSON-WILL	A1	4	HIPP	'350808'	8	0	0	T2566251

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 277.3 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.52	2x 4	SP-#2
WB	0.11	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	14-10- 8
TC	24.0"	14-10- 8	20- 8- 8
TC	Cont.	20- 8- 8	35- 8- 8
BC	Cont.	0- 0- 0	35- 8- 8

WB 1 rows CLB on J -F
WB 1 rows CLB on F -B
WB 1 rows CLB on F -C
WB 1 rows CLB on E -C
WB 1 rows CLB on E -K
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	1428	190 U	230 R
D	1428	190 U	230 R

Jt	Brg Size	Required
A	2.0"	1.7"
D	3.5"	1.7"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -I	0.33	2093 C	0.03 0.30
I -J	0.25	1925 C	0.09 0.16
J -B	0.24	1476 C	0.08 0.16
B -C	0.35	1228 C	0.01 0.34
C -K	0.25	1477 C	0.01 0.24
K -L	0.24	1961 C	0.09 0.15
L -D	0.23	2130 C	0.09 0.14
--------Bottom Chords---------			
A -H	0.52	1728 T	0.29 0.23
H -F	0.42	1493 T	0.15 0.27
F -E	0.35	1227 T	0.20 0.15
E -G	0.45	1504 T	0.15 0.30
G -D	0.48	1770 T	0.18 0.30
----------Webs----------			
I -H	0.05	234 C	
H -J	0.05	374 T	
J -F	0.10	441 C	1 Br
F -B	0.09	495 T	1 Br
F -C	0.05	124 T	1 Br
E -C	0.09	499 T	1 Br
E -K	0.11	454 C	1 Br
K -G	0.06	407 T	
G -L	0.05	253 C	

TL Defl -0.23" in E -G L/999
LL Defl -0.09" in E -G L/999
Shear // Grain in B -C 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	1.3	0.7	0.92
I	LOCK	5.0x 7.0	-0.3	0.5	0.73
J	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 5.0	0.9	-3.1	0.64
C	LOCK	5.0x 7.0	-1.6	-3.4	0.70
K	LOCK	3.0x 7.0	Ctr	Ctr	0.42
L	LOCK	5.0x 7.0	0.3	0.5	0.73
D	LOCK	4.0x 6.0	-0.5	0.4	0.70
H	LOCK	3.0x 7.0	Ctr	Ctr	0.41
F	LOCK	5.0x 9.0	0.5	-0.5	0.75
E	LOCK	5.0x 7.0	Ctr	-0.5	0.75
G	LOCK	3.0x 7.0	Ctr	Ctr	0.41

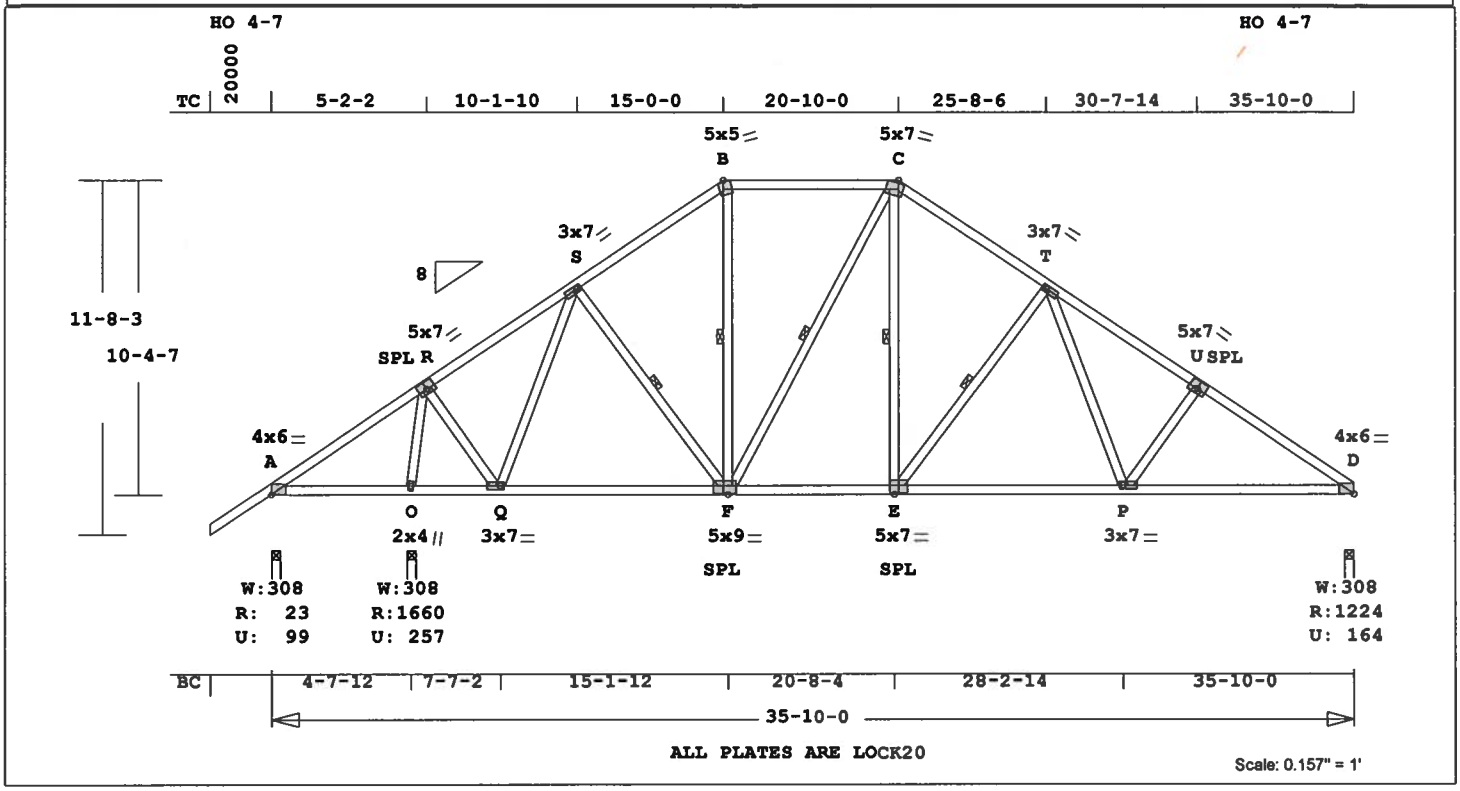
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 2130 Lbs
Max tens. force 1770 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-Hl	Left OH	Right OH	Engineering
ELIXSON-WILL	A2	1	HIPP	'351000'	8	2- 0- 0	0	T2566252

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 287.5 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.46	2x 4	SP-#2
WB	0.43	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0	15- 0- 0
TC	24.0"	15- 0- 0	20-10- 0
TC	Cont.	20-10- 0	35-10- 0
BC	Cont.	0- 0- 0	35-10- 0

WB 1 rows CLB on S -F
WB 1 rows CLB on F -B
WB 1 rows CLB on F -C
WB 1 rows CLB on E -C
WB 1 rows CLB on E -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	23	99 U	230 R
O	1660	258 U	
D	1224	164 U	231 R

Jt	Brg Size	Required
A	3.5"	1.5"
O	3.5"	1.8"
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 -R	0.33	317 T	0.06 0.27
R -S	0.27	583 C	0.00 0.27
S -B	0.21	978 C	0.06 0.15
B -C	0.31	812 C	0.00 0.31
C -T	0.22	1114 C	0.00 0.22
T -U	0.23	1607 C	0.08 0.15
U -D	0.21	1776 C	0.07 0.14
Bottom Chords			
A -O	0.16	251 C	0.00 0.16
O -Q	0.23	122 T	0.00 0.23
Q -F	0.32	718 T	0.07 0.25
F -E	0.34	923 T	0.09 0.25
E -P	0.43	1205 T	0.12 0.31
P -D	0.46	1478 T	0.15 0.31
Webs			
O -R	0.25	1566 C	
R -Q	0.16	904 T	
Q -S	0.43	676 C	
S -F	0.02	162 T	1 Br
F -B	0.04	287 T	1 Br
F -C	0.09	229 C	1 Br
E -C	0.09	501 T	1 Br
E -T	0.11	463 C	1 Br
T -P	0.06	415 T	
P -U	0.05	257 C	

TL Defl -0.03" in A -O L/999
LL Defl -0.01" in A -O L/999
Shear // Grain in B -C 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.5	0.4	0.70
R	LOCK	5.0x 7.0-0.3	0.5		0.73
S	LOCK	3.0x 7.0 Ctr	Ctr		0.42
B	LOCK	5.0x 5.0	0.9-3.1		0.64
C	LOCK	5.0x 7.0-1.6-3.4			0.70
T	LOCK	3.0x 7.0 Ctr	Ctr		0.42
U	LOCK	5.0x 7.0	0.3	0.5	0.73
D	LOCK	4.0x 6.0-0.5	0.4		0.70
O	LOCK	2.0x 4.0 Ctr	Ctr		0.45
Q	LOCK	3.0x 7.0 Ctr	Ctr		0.41
F	LOCK	5.0x 9.0	0.5-0.5		0.75
E	LOCK	5.0x 7.0 Ctr	-0.5		0.75
P	LOCK	3.0x 7.0 Ctr	Ctr		0.41

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

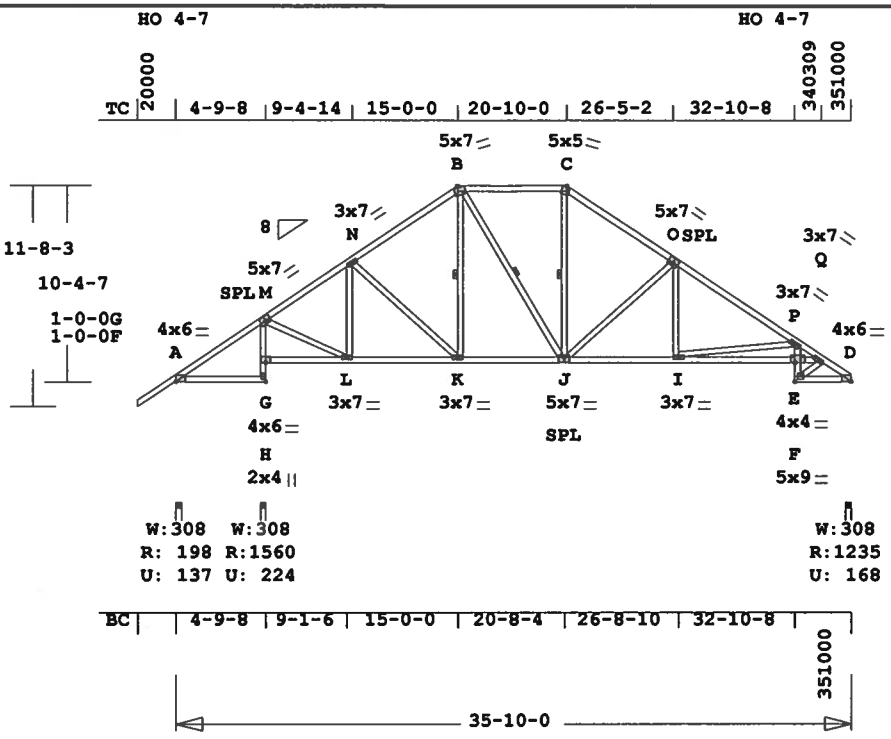
REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 4- 7-12
Max comp. force 1776 Lbs
Max tens. force 1478 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
ELIXSON-WILL	A3	4	SP	351000	8	2- 0- 0	0	T2566253

TONY WILLIAMS



ALL PLATES ARE LOCK20

Scale: 0.098" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.8 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.74	2x 4	SP-#2
CW	0.56	2x 4	SP-#2
WB	0.87	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	15- 0- 0
TC	24.0"	15- 0- 0	20-10- 0
TC	Cont.	20-10- 0	35-10- 0
BC	Cont.	0- 0- 0	35-10- 0

WB 1 rows CLB on K -B
WB 1 rows CLB on B -J
WB 1 rows CLB on 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	198	137 U	230 R
H	1561	225 U	
D	1236	169 U	231 R

Jt	Brg Size	Required
A	3.5"	1.5"
H	3.5"	1.7"
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 -M	0.28	275 T	0.04 0.24
M -N	0.24	1053 C	0.00 0.24
N -B	0.24	1117 C	0.06 0.18
B -C	0.29	1044 C	0.01 0.28
C -O	0.41	1266 C	0.01 0.40
O -P	0.46	1863 C	0.07 0.39
P -Q	0.31	3638 C	0.15 0.16
Q -D	0.19	1794 C	0.01 0.18
Bottom Chords			
A -H	0.14	131 C	0.00 0.14
G -L	0.15	154 C	0.00 0.15
L -K	0.27	876 T	0.09 0.18
K -J	0.27	927 T	0.09 0.18
J -I	0.44	1561 T	0.26 0.18
I -F	0.74	3211 T	0.53 0.21
E -D	0.27	1397 T	0.23 0.04
Chord-Webs			
H -G	0.28	1507 C	0.01 0.27
G -M	0.13	1450 C	0.02 0.11
E -F	0.56	850 T	0.15 0.41
F -P	0.40	917 T	0.16 0.24
Webs			
M -L	0.20	1136 T	
L -N	0.13	390 C	
N -K	0.07	119 T	
K -B	0.03	195 T	1 Br
B -J	0.04	223 T	1 Br
J -C	0.06	409 T	1 Br
J -O	0.52	691 C	
I -O	0.07	457 T	
I -P	0.87	1666 C	
F -Q	0.53	2884 T	
E -Q	0.14	1463 C	

TL Defl -0.29" in I -F L/999
LL Defl -0.13" in I -F L/999
Shear // Grain in E -F 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.5	0.4	0.70
M	LOCK	5.0x 7.0-0.3	0.5		0.77
N	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	1.6-3.4		0.70
C	LOCK	5.0x 5.0-0.9-3.1			0.64
O	LOCK	5.0x 7.0	0.3	0.5	0.73
P	LOCK	3.0x 7.0	Ctr	Ctr	0.48
Q	LOCK	3.0x 7.0-0.4	0.3		0.97
D	LOCK	4.0x 6.0-0.5	0.4		0.70
H	LOCK	2.0x 4.0	Ctr	Ctr	0.60
G	LOCK	4.0x 6.0	Ctr	0.2	0.75
L	LOCK	3.0x 7.0	Ctr	Ctr	0.46
K	LOCK	3.0x 7.0	Ctr	Ctr	0.44
J	LOCK	5.0x 7.0	Ctr-0.5		0.75
I	LOCK	3.0x 7.0	Ctr	Ctr	0.85
F	LOCK	5.0x 9.0	Ctr	0.8	0.64
E	LOCK	4.0x 4.0	Ctr	Ctr	0.84

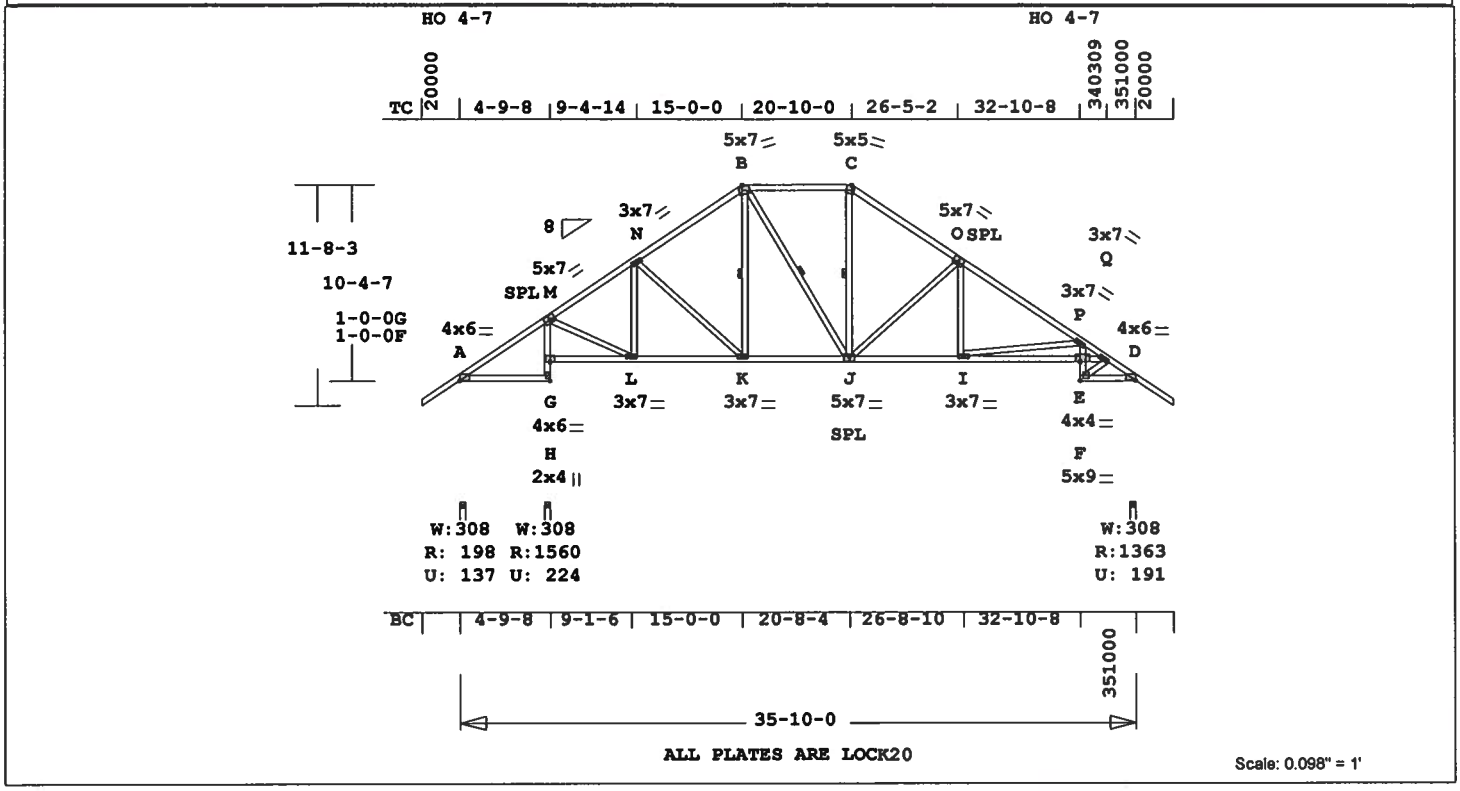
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 4- 9- 8
Max comp. force 3638 Lbs
Max tens. force 3211 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
ELIXSON-WILL	A4	2	SP	351000	8	2- 0- 0	2- 0- 0	T2566254

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 290.3 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.74	2x 4	SP-#2
CW	0.56	2x 4	SP-#2
WB	0.87	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	15- 0- 0
TC	24.0"	15- 0- 0	20-10- 0
TC	Cont.	20-10- 0	35-10- 0
BC	Cont.	0- 0- 0	35-10- 0

WB 1 rows CLB on K -B
WB 1 rows CLB on B -J
WB 1 rows CLB on 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	198	137 U	230 R
H	1560	225 U	
D	1364	191 U	231 R

Jt	Brg Size	Required
A	3.5"	1.5"
H	3.5"	1.7"
D	3.5"	1.6"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -M	0.28	275 T	0.04 0.24
M -N	0.24	1053 C	0.00 0.24
N -B	0.24	1117 C	0.06 0.18
B -C	0.29	1044 C	0.01 0.28
C -O	0.41	1266 C	0.01 0.40
O -P	0.46	1863 C	0.07 0.39
P -Q	0.31	3638 C	0.15 0.16
Q -D	0.19	1794 C	0.01 0.18
--------Bottom Chords---------			
A -H	0.14	131 C	0.00 0.14
G -L	0.15	154 C	0.00 0.15
L -K	0.27	876 T	0.09 0.18
K -J	0.27	927 T	0.09 0.18
J -I	0.44	1561 T	0.26 0.18
I -F	0.74	3211 T	0.53 0.21
E -D	0.27	1397 T	0.23 0.04
----------Chord-Webs----------			
H -G	0.28	1506 C	0.01 0.27
G -M	0.13	1450 C	0.02 0.11
E -F	0.56	850 T	0.15 0.41
F -P	0.40	917 T	0.16 0.24
-------------Webs-------------			
M -L	0.20	1136 T	
L -N	0.13	389 C	
N -K	0.07	119 T	
K -B	0.03	195 T	1 Br
B -J	0.04	223 T	1 Br
J -C	0.06	409 T	1 Br
J -O	0.52	691 C	
I -O	0.07	457 T	
I -P	0.87	1666 C	
F -Q	0.53	2884 T	
E -Q	0.14	1462 C	

TL Defl -0.29" in I -F L/999
LL Defl -0.13" in I -F L/999
Shear // Grain in E -F 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.5	0.4	0.70
M	LOCK	5.0x 7.0-0.3	0.5		0.77
N	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	1.6-3.4		0.70
C	LOCK	5.0x 5.0-0.9-3.1			0.64
O	LOCK	5.0x 7.0	0.3	0.5	0.73
P	LOCK	3.0x 7.0	Ctr	Ctr	0.48
Q	LOCK	3.0x 7.0-0.4	0.3		0.97
D	LOCK	4.0x 6.0-0.5	0.4		0.70
H	LOCK	2.0x 4.0	Ctr	Ctr	0.60
G	LOCK	4.0x 6.0	Ctr	0.2	0.75
L	LOCK	3.0x 7.0	Ctr	Ctr	0.46
K	LOCK	3.0x 7.0	Ctr	Ctr	0.44
J	LOCK	5.0x 7.0	Ctr-0.5		0.75
I	LOCK	3.0x 7.0	Ctr	Ctr	0.85
F	LOCK	5.0x 9.0	Ctr	0.8	0.64
E	LOCK	4.0x 4.0	Ctr	Ctr	0.84

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

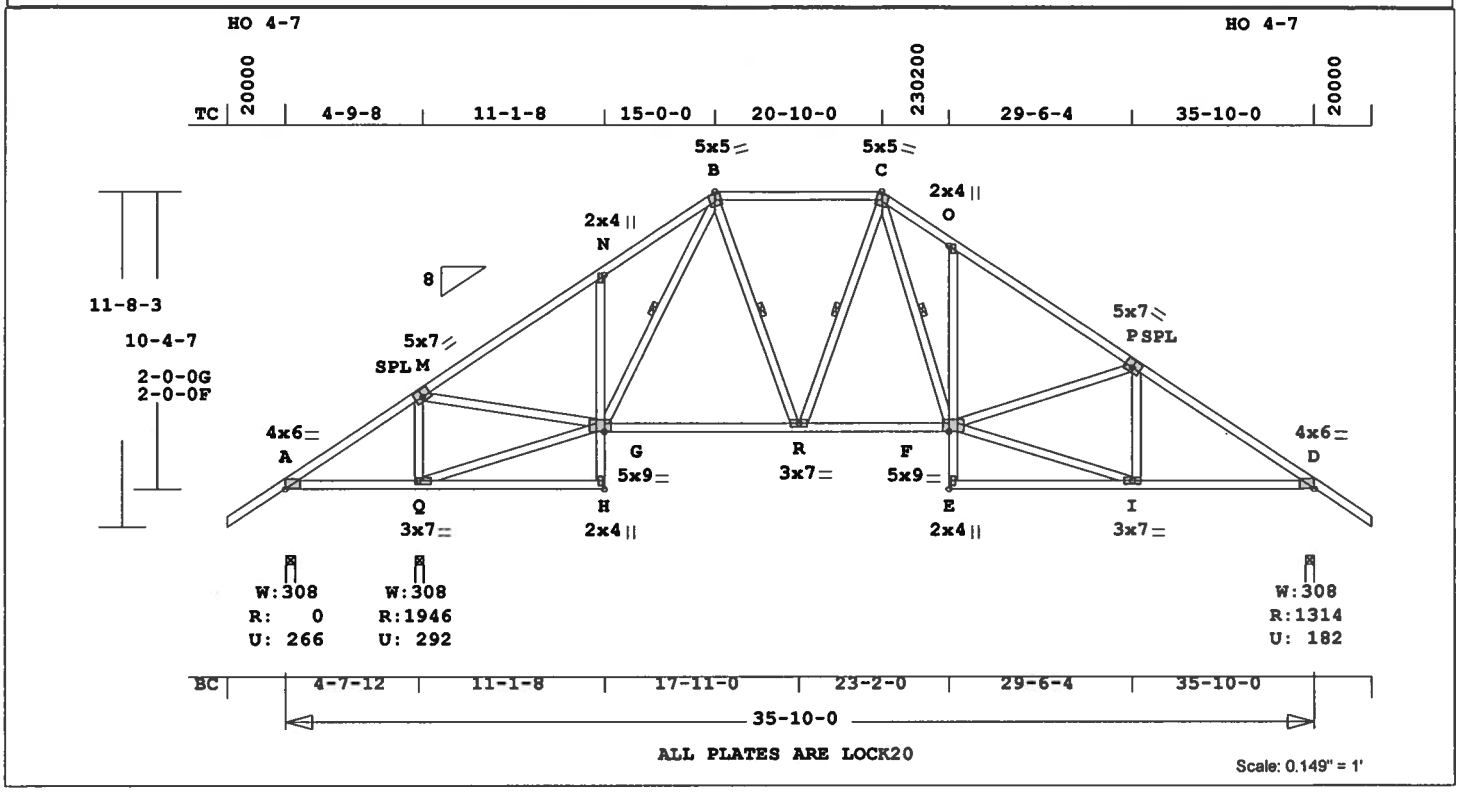
--From--	---To---
0- 0- 0	4- 9- 8

Max comp. force 3638 Lbs
Max tens. force 3211 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
ELIXSON-WILL	A5	1	SP	'351000'	8	2- 0- 0	2- 0- 0	T2566255

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 309.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.38	2x 4	SP-#2
CW	0.15	2x 4	SP-#2
WB	0.31	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	15- 0- 0
TC	24.0"	15- 0- 0	20-10- 0
TC	Cont.	20-10- 0	35-10- 0
BC	Cont.	0- 0- 0	35-10- 0

WB 1 rows CLB on G -B
WB 1 rows CLB on B -R
WB 1 rows CLB on R -C
WB 1 rows CLB on C -F
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	267 G	231 R	
Q	1947	292 U	
D	1315	182 U	232 R

G = Gravity Uplift

Jt	Brg Size	Required
A	3.5"	1.5"
Q	3.5"	2.1"
D	3.5"	1.6"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -M	0.49	696 T	0.12	0.37
M -N	0.37	1078 C	0.00	0.37
N -B	0.26	1091 C	0.00	0.26
B -C	0.34	1011 C	0.01	0.33
C -O	0.25	1605 C	0.09	0.16
O -P	0.38	1606 C	0.01	0.37
P -D	0.38	1697 C	0.01	0.37
Bottom Chords				
A -Q	0.27	556 C	0.00	0.27
Q -H	0.27	42 C	0.00	0.27
G -R	0.33	895 T	0.09	0.24
R -F	0.35	1073 T	0.11	0.24
E -I	0.24	12 C	0.00	0.24
I -D	0.38	1418 T	0.14	0.24
Chord-Webs				
H -G	0.15	98 T	0.01	0.14
G -N	0.07	349 C	0.00	0.07
E -F	0.05	102 T	0.00	0.05
F -O	0.04	291 C	0.01	0.03
Webs				
Q -M	0.23	1608 C		
Q -G	0.31	566 C		
M -G	0.27	1472 T		
G -B	0.03	145 T		1 Br
B -R	0.06	343 T		1 Br
R -C	0.04	174 C		1 Br
C -F	0.15	856 T		1 Br
F -P	0.12	232 C		
F -I	0.27	1474 T		
I -P	0.07	302 C		

TL Defl -0.18" in E -I L/999
LL Defl -0.08" in E -I L/999
Shear // Grain in B -C 0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.5	0.4	0.70
M	LOCK	5.0x 7.0	-0.3	0.5	0.73
N	LOCK	2.0x 4.0	Ctr	Ctr	0.23
B	LOCK	5.0x 5.0	0.1	-3.7	0.79
C	LOCK	5.0x 5.0	-0.1	-3.7	0.79
O	LOCK	2.0x 4.0	Ctr	Ctr	0.23
P	LOCK	5.0x 7.0	0.3	0.5	0.73
D	LOCK	4.0x 6.0	-0.5	0.4	0.70
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.52
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
G	LOCK	5.0x 9.0	Ctr	0.8	0.70
R	LOCK	3.0x 7.0	Ctr	Ctr	0.39
F	LOCK	5.0x 9.0	Ctr	0.8	0.77
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I	LOCK	3.0x 7.0	Ctr	Ctr	0.52

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

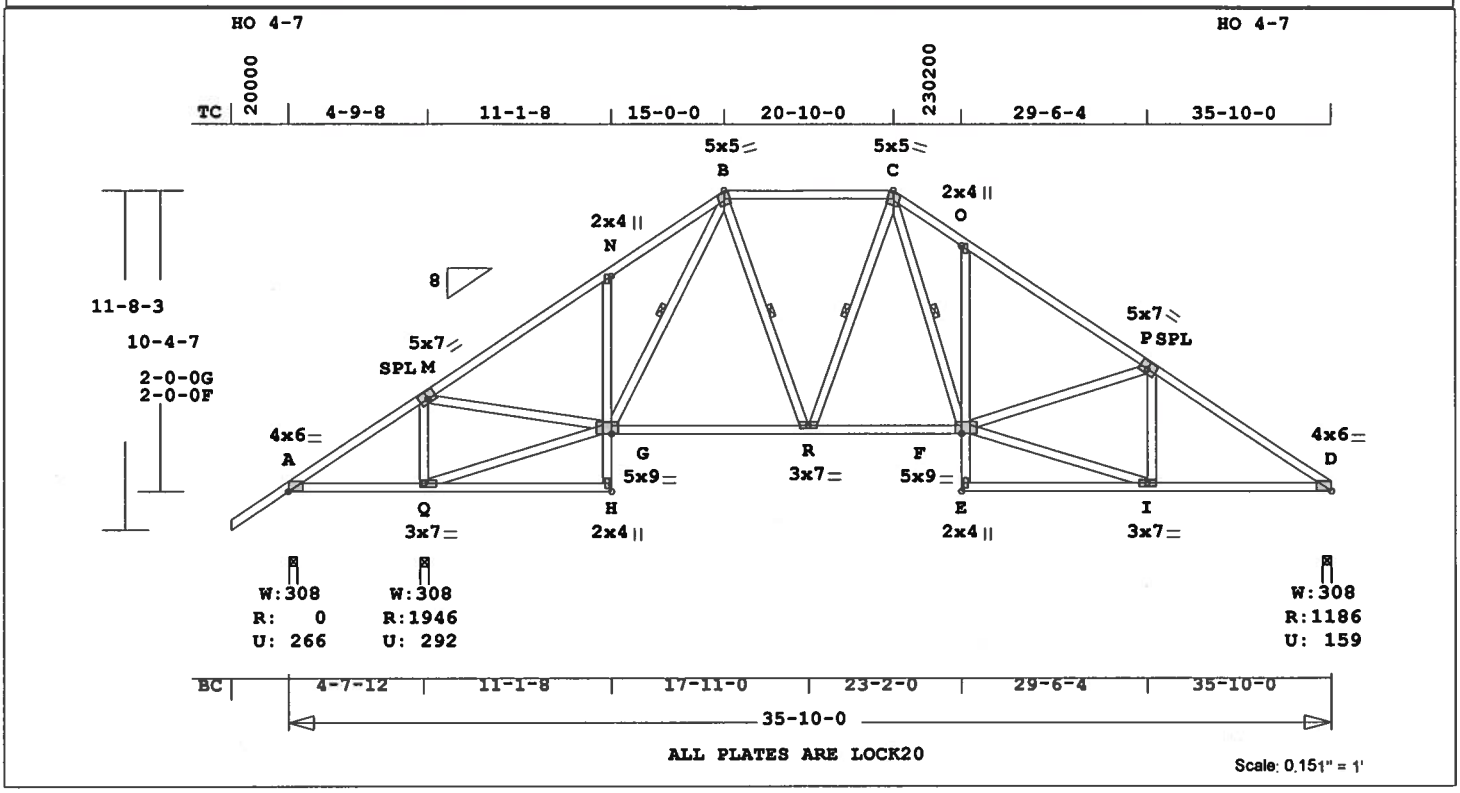
--From--	---To---
0- 0- 0	4- 7-12

Max comp. force 1697 Lbs
Max tens. force 1474 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
ELIXSON-WILL	A6	4	SP	'351000	8	2- 0- 0	0	T2566256

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 304.6 LBS

```
Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

     CSI -Size- ----Lumber----
TC  0.49  2x 4  SP-#2
BC  0.38  2x 4  SP-#2
CW  0.15  2x 4  SP-#2
WB  0.31  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 15- 0- 0
 TC   24.0"  15- 0- 0 20-10- 0
 TC  Cont.   20-10- 0 35-10- 0
 BC  Cont.    0- 0- 0 35-10- 0
 WB 1 rows CLB on G -B
 WB 1 rows CLB on B -R
 WB 1 rows CLB on R -C
 WB 1 rows CLB on C -F
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          267 G   231 R
Q   1947   292 U
D   1187   160 U   232 R
G = Gravity Uplift

Jt   Brg Size   Required
A       3.5"       1.5"
Q       3.5"       2.1"
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 -M  0.49   696 T  0.12  0.37
M -N  0.37  1078 C  0.00  0.37
N -B  0.26  1091 C  0.00  0.26
B -C  0.34  1011 C  0.01  0.33
C -O  0.25  1605 C  0.09  0.16
O -P  0.38  1606 C  0.01  0.37
P -D  0.38  1697 C  0.01  0.37
--------Bottom Chords---------
A -Q  0.27   556 C  0.00  0.27
Q -H  0.27    42 C  0.00  0.27
G -R  0.33   895 T  0.09  0.24
R -F  0.35  1073 T  0.11  0.24
E -I  0.24    12 C  0.00  0.24
I -D  0.38  1418 T  0.14  0.24
----------Chord-Webs----------
H -G  0.15    98 T  0.01  0.14
G -N  0.07   349 C  0.00  0.07
E -F  0.05   102 T  0.00  0.05
F -O  0.04   291 C  0.01  0.03
-------------Webs-------------
Q -M  0.23  1608 C
Q -G  0.31   566 C
M -G  0.27  1472 T
G -B  0.03   145 T        1 Br
B -R  0.06   343 T        1 Br
R -C  0.04   174 C        1 Br
C -F  0.15   856 T        1 Br
F -P  0.12   232 C
F -I  0.27  1474 T
I -P  0.07   302 C

TL Defl  -0.18" in E -I  L/999
LL Defl  -0.08" in E -I  L/999
Shear // Grain  in B -C   0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS  20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  LOCK  4.0x 6.0 0.5 0.4 0.70
M  LOCK  5.0x 7.0-0.3 0.5 0.73
N  LOCK  2.0x 4.0 Ctr Ctr 0.23
B  LOCK  5.0x 5.0 0.1-3.7 0.79
C  LOCK  5.0x 5.0-0.1-3.7 0.79
O  LOCK  2.0x 4.0 Ctr Ctr 0.23
P  LOCK  5.0x 7.0 0.3 0.5 0.73
D  LOCK  4.0x 6.0-0.5 0.4 0.70
Q  LOCK  3.0x 7.0 Ctr Ctr 0.52
H  LOCK  2.0x 4.0 Ctr Ctr 0.58
G  LOCK  5.0x 9.0 Ctr 0.8 0.70
R  LOCK  3.0x 7.0 Ctr Ctr 0.39
F  LOCK  5.0x 9.0 Ctr 0.8 0.77
E  LOCK  2.0x 4.0 Ctr Ctr 0.58
I  LOCK  3.0x 7.0 Ctr Ctr 0.52

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

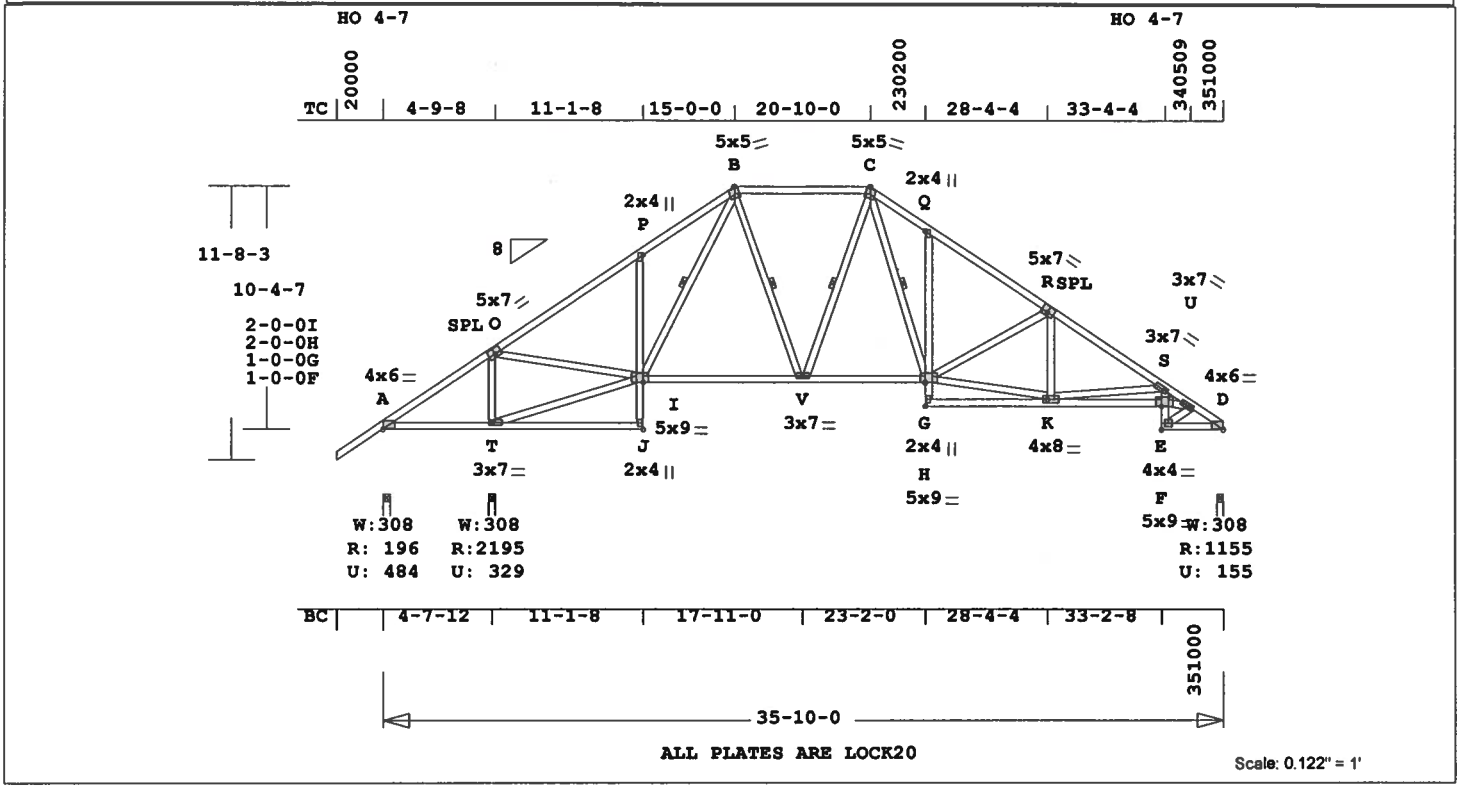
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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    4- 7-12
Max comp. force     1697 Lbs
Max tens. force     1474 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
ELIXSON-WILL	A7	1	SP	351000	8	2- 0- 0	0	T2566257

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 313.6 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.57	2x 4	SP-#2
BC	0.81	2x 4	SP-#2
CW	0.63	2x 4	SP-#2
WB	0.52	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	15- 0- 0
TC	24.0"	15- 0- 0	20-10- 0
TC	Cont.	20-10- 0	35-10- 0
BC	Cont.	0- 0- 0	35-10- 0

WB 1 rows CLB on I -B
WB 1 rows CLB on B -V
WB 1 rows CLB on V -C
WB 1 rows CLB on C -H
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	196	484 G	231 R
T	2196	329 U	
D	1155	155 U	232 R

G = Gravity Uplift

Jt	Brg Size	Required
A	3.5"	1.5"
T	3.5"	2.3"
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 -O	0.57	1067 T	0.19 0.38
O -P	0.38	906 C	0.00 0.38
P -B	0.26	920 C	0.00 0.26
B -C	0.32	943 C	0.01 0.31
C -Q	0.20	1502 C	0.01 0.19
Q -R	0.33	1524 C	0.01 0.32
R -S	0.34	1932 C	0.02 0.32
S -U	0.24	3674 C	0.09 0.15
U -D	0.16	1660 C	0.01 0.15
Bottom Chords			
A -T	0.29	861 C	0.00 0.29
T -J	0.29	45 C	0.00 0.29
I -V	0.32	815 T	0.08 0.24
V -H	0.34	1015 T	0.10 0.24
G -K	0.21	39 T	0.00 0.21
K -F	0.81	3197 T	0.53 0.28
E -D	0.25	1284 T	0.21 0.04
Chord-Webs			
J -I	0.16	97 T	0.01 0.15
I -P	0.07	351 C	0.00 0.07
G -H	0.08	77 T	0.00 0.08
H -Q	0.06	223 C	0.01 0.05
E -F	0.63	741 T	0.13 0.50
F -S	0.37	1027 T	0.18 0.19
Webs			
T -O	0.26	1752 C	
T -I	0.49	883 C	
O -I	0.30	1636 T	
I -B	0.04	177 C	1 Br
B -V	0.06	367 T	1 Br
V -C	0.05	206 C	1 Br
C -H	0.14	806 T	1 Br
H -R	0.18	429 C	
H -K	0.29	1620 T	
K -R	0.03	204 T	
K -S	0.47	1583 C	
F -U	0.52	2839 T	
E -U	0.12	1273 C	

TL Defl -0.25" in K -F L/999
LL Defl -0.12" in K -F L/999
Shear // Grain in E -F 0.31

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.5	0.4	0.70
O	LOCK	5.0x 7.0	-0.3	0.5	0.73
P	LOCK	2.0x 4.0	Ctr	Ctr	0.23
B	LOCK	5.0x 5.0	0.1	-3.7	0.79
C	LOCK	5.0x 5.0	-0.1	-3.7	0.79
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.23
R	LOCK	5.0x 7.0	0.3	0.5	0.73
S	LOCK	3.0x 7.0	Ctr	Ctr	0.45
U	LOCK	3.0x 7.0	-0.4	0.3	0.89
D	LOCK	4.0x 6.0	-0.5	0.4	0.70
T	LOCK	3.0x 7.0	Ctr	Ctr	0.52
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I	LOCK	5.0x 9.0	Ctr	0.8	0.70
V	LOCK	3.0x 7.0	Ctr	Ctr	0.39
H	LOCK	5.0x 9.0	Ctr	0.8	0.77
G	LOCK	2.0x 4.0	Ctr	Ctr	0.58
K	LOCK	4.0x 8.0	Ctr	Ctr	0.64
F	LOCK	5.0x 9.0	Ctr	0.8	0.64
E	LOCK	4.0x 4.0	Ctr	Ctr	0.84

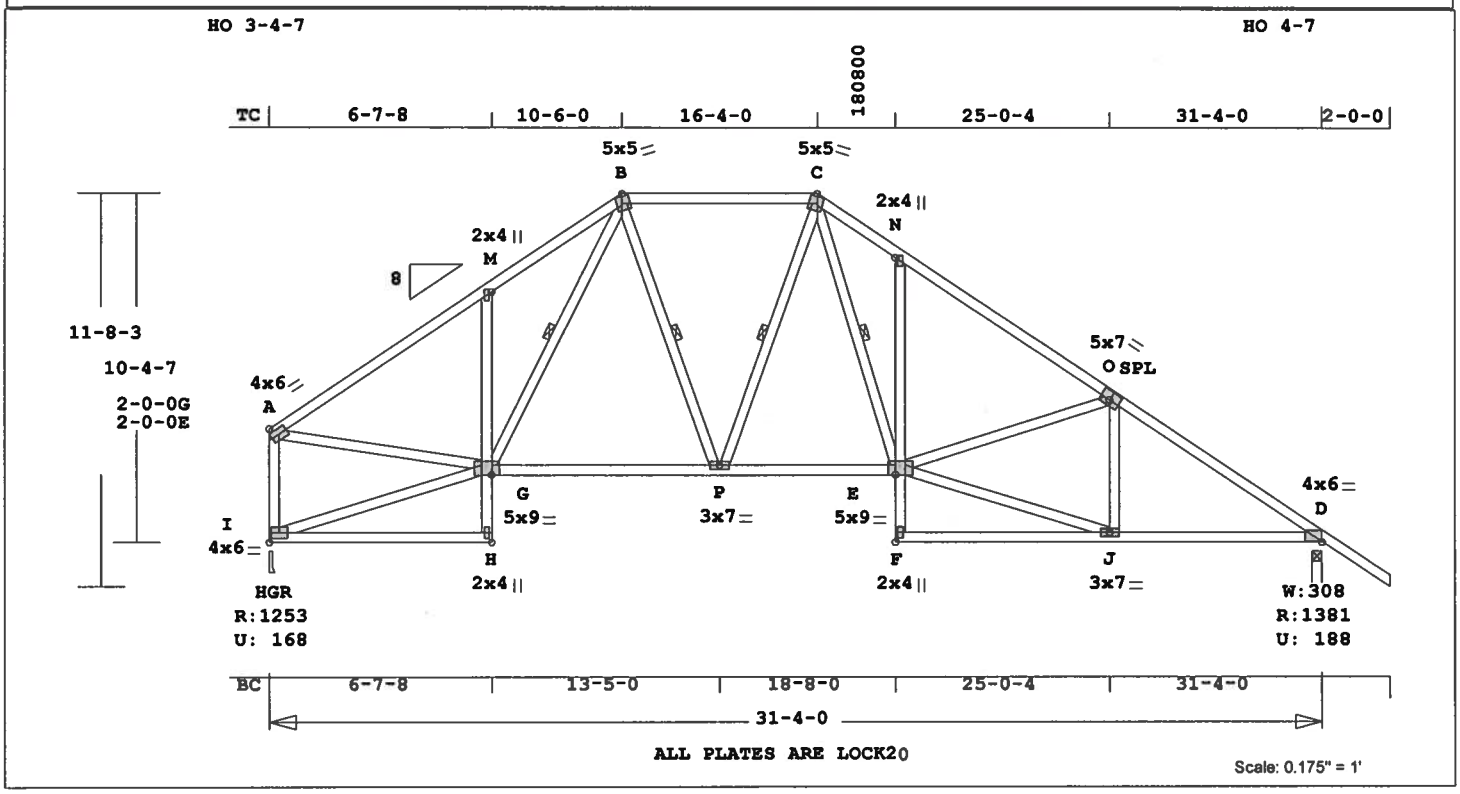
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 4- 7-12
Max comp. force 3674 Lbs
Max tens. force 3197 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
ELIXSON-WILL	A8	1	SP	'310400'	8	0	2- 0- 0	T2566258

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.9 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.39	2x 4	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.29	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	10- 6- 0
TC 24.0"	10- 6- 0	16- 4- 0
TC Cont.	16- 4- 0	31- 4- 0
BC Cont.	0- 0- 0	31- 4- 0

WB 1 rows CLB on G -B
WB 1 rows CLB on B -P
WB 1 rows CLB on P -C
WB 1 rows CLB on C -E
Attach CLB with (2)-10d nails at each web.

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
I	1253	168 U	266 R
D	1381	188 U	214 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -M	0.49	1432 C	0.04 0.45
M -B	0.37	1474 C	0.01 0.36
B -C	0.35	1157 C	0.01 0.34
C -N	0.25	1759 C	0.09 0.16
N -O	0.38	1760 C	0.02 0.36
O -D	0.37	1812 C	0.01 0.36
--------Bottom Chords---------			
I -H	0.31	37 C	0.00 0.31
G -P	0.35	1063 T	0.10 0.25
P -E	0.37	1195 T	0.20 0.17
F -J	0.24	14 T	0.00 0.24
J -D	0.39	1513 T	0.15 0.24
----------Chord-Webs----------			
H -G	0.14	126 T	0.01 0.13
G -M	0.08	400 C	0.02 0.06
F -E	0.05	102 T	0.00 0.05
E -N	0.05	291 C	0.01 0.04
----------Webs----------			
I -A	0.17	1190 C	WindLd
I -G	0.03	241 T	
A -G	0.22	1226 T	
G -B	0.05	368 T	1 Br
B -P	0.04	293 T	1 Br
P -C	0.02	110 C	1 Br
C -E	0.16	875 T	1 Br
E -O	0.11	208 C	
E -J	0.29	1571 T	
J -O	0.07	334 C	

TL Defl -0.20" in I -H L/999
LL Defl -0.10" in I -H L/999
Shear // Grain in A -M 0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	0.1	0.66
M	LOCK	2.0x 4.0	Ctr	Ctr	0.23
B	LOCK	5.0x 5.0	0.5-3.4		0.88
C	LOCK	5.0x 5.0	-0.5-3.4		0.90
N	LOCK	2.0x 4.0	Ctr	Ctr	0.23
O	LOCK	5.0x 7.0	0.3	0.5	0.68
D	LOCK	4.0x 6.0	-0.5	0.4	0.66
I	LOCK	4.0x 6.0	Ctr	Ctr	0.66
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
G	LOCK	5.0x 9.0	Ctr	0.8	0.65
P	LOCK	3.0x 7.0	Ctr	Ctr	0.37
E	LOCK	5.0x 9.0	Ctr	0.7	0.72
F	LOCK	2.0x 4.0	Ctr	Ctr	0.58
J	LOCK	3.0x 7.0	Ctr	Ctr	0.50

REVIEWED BY:
Robbins Engineering, Inc.

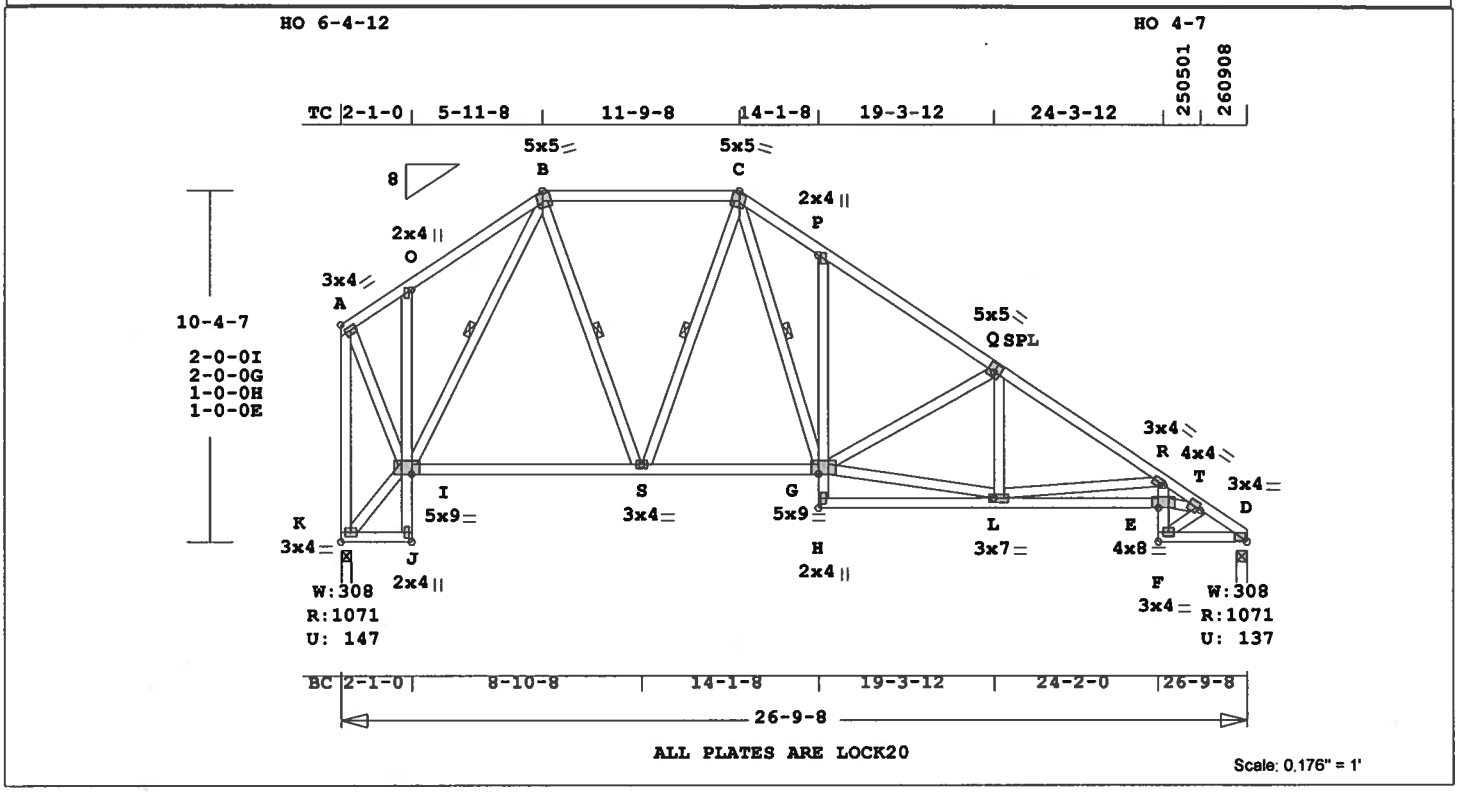
6904 Parke East Blvd.
Tampa, FL 33610

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 1812 Lbs
Max tens. force 1571 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-Hl	Left OH	Right OH	Engineering
ELIXSON-WILL	A9	4	SP	260908	8	0	0	T2566259

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 266.5 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.75	2x 4	SP-#2
CW	0.58	2x 4	SP-#2
WB	0.51	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	5-11- 8
TC 24.0"	5-11- 8	11- 9- 8
TC Cont.	11- 9- 8	26- 9- 8
BC Cont.	0- 0- 0	26- 9- 8

WB 1 rows CLB on I -B
WB 1 rows CLB on B -S
WB 1 rows CLB on S -C
WB 1 rows CLB on C -G
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-
K	1072	148 U	305 R
D	1072	138 U	204 R

Jt	Brg Size	Required
K	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 -O	0.13	395 C	0.00 0.13
O -B	0.13	433 C	0.00 0.13
B -C	0.29	760 C	0.00 0.29
C -P	0.20	1308 C	0.01 0.19
P -Q	0.33	1330 C	0.01 0.32
Q -R	0.33	1749 C	0.01 0.32
R -T	0.21	3388 C	0.07 0.14
T -D	0.14	1532 C	0.01 0.13
Bottom Chords			
K -J	0.02	39 C	0.00 0.02
I -S	0.30	603 T	0.06 0.24
S -G	0.32	862 T	0.08 0.24
H -L	0.21	33 T	0.00 0.21
L -E	0.75	2952 T	0.49 0.26
F -D	0.22	1185 T	0.19 0.03
Chord-Webs			
J -I	0.13	35 T	0.00 0.13
I -O	0.09	241 C	0.00 0.09
H -G	0.07	77 T	0.00 0.07
G -P	0.06	224 C	0.01 0.05
F -E	0.58	687 T	0.12 0.46
E -R	0.34	953 T	0.17 0.17
Webs			
K -A	0.51	1064 C	WindLd
K -I	0.04	343 T	
A -I	0.16	882 T	
I -B	0.14	544 C	1 Br
B -S	0.08	444 T	1 Br
S -C	0.07	289 C	1 Br
C -G	0.14	783 T	1 Br
G -Q	0.19	437 C	
G -L	0.27	1470 T	
L -Q	0.03	212 T	
L -R	0.44	1490 C	
E -T	0.48	2621 T	
F -T	0.11	1176 C	

TL Defl -0.22" in L -E L/999
LL Defl -0.11" in L -E L/999
Shear // Grain in F -E 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.78
O	LOCK	2.0x 4.0	Ctr	Ctr	0.23
B	LOCK	5.0x 5.0	0.5	-3.4	0.82
C	LOCK	5.0x 5.0	-0.5	-3.4	0.84
P	LOCK	2.0x 4.0	Ctr	Ctr	0.23
Q	LOCK	5.0x 5.0	0.3	0.5	0.63
R	LOCK	3.0x 4.0	Ctr	Ctr	0.84
T	LOCK	4.0x 4.0	-0.8	0.6	0.88
D	LOCK	3.0x 4.0	Ctr	Ctr	0.83
K	LOCK	3.0x 4.0	Ctr	Ctr	0.78
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I	LOCK	5.0x 9.0	Ctr	0.8	0.78
S	LOCK	3.0x 4.0	Ctr	Ctr	0.62
G	LOCK	5.0x 9.0	Ctr	0.8	0.67
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
L	LOCK	3.0x 7.0	Ctr	Ctr	1.00
E	LOCK	4.0x 8.0	Ctr	0.2	0.59
F	LOCK	3.0x 4.0	Ctr	Ctr	0.98

REVIEWED BY:
Robbins Engineering, Inc.

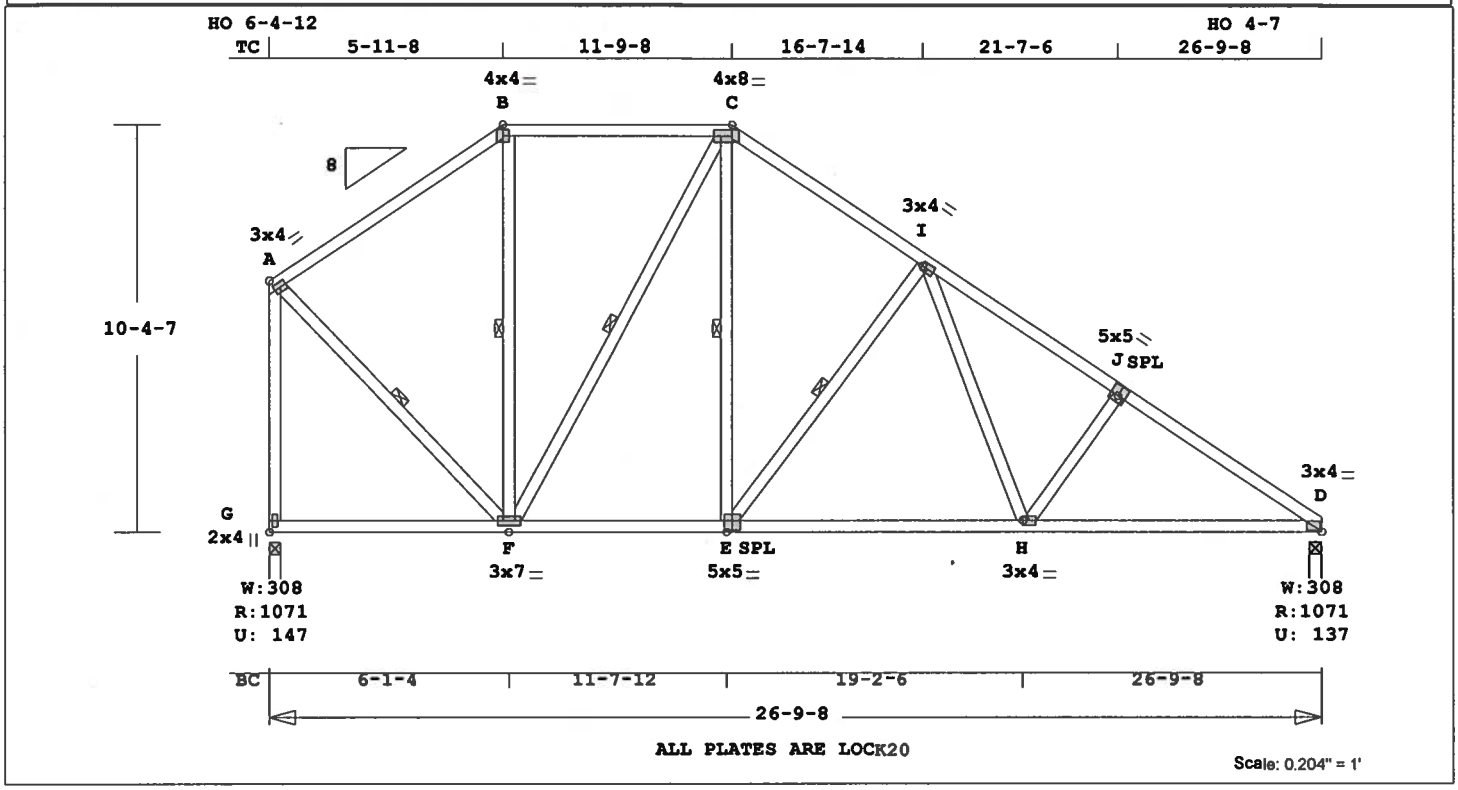
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 3388 Lbs
Max tens. force 2952 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-Hl	Left OH	Right OH	Engineering
ELIXSON-WILL	A10	1	HIPP	'260908'	8	0	0	T2566260

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 230.4 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.43	2x 4	SP-#2
WB	0.49	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5-11- 8
TC	24.0"	5-11- 8	11- 9- 8
TC	Cont.	11- 9- 8	26- 9- 8
BC	Cont.	0- 0- 0	26- 9- 8

WB 1 rows CLB on A -F
WB 1 rows CLB on F -B
WB 1 rows CLB on F -C
WB 1 rows CLB on E -C
WB 1 rows CLB on E -I
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-
G	1072	148 U	304 R
D	1072	138 U	203 R

Jt	Brg Size	Required
G	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 -B	0.36	596 C	0.00 0.36
B -C	0.27	505 C	0.00 0.27
C -I	0.21	843 C	0.05 0.16
I -J	0.22	1343 C	0.06 0.16
J -D	0.21	1512 C	0.01 0.20
**--------Bottom Chords---------			
G -F	0.20	224 T	0.00 0.20
F -E	0.29	696 T	0.07 0.22
E -H	0.41	983 T	0.10 0.31
H -D	0.43	1261 T	0.12 0.31
**-------------Webs-------------			
G -A	0.49	1020 C	WindLd
A -F	0.13	727 T	1 Br
F -B	0.01	118 T	1 Br
F -C	0.16	396 C	1 Br
E -C	0.09	510 T	1 Br
E -I	0.11	470 C	1 Br
I -H	0.07	420 T	
H -J	0.05	259 C	

TL Defl -0.16" in E -H L/999
LL Defl -0.07" in E -H L/999
Shear // Grain in B -C 0.22

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.78
B	LOCK	4.0x 4.0	Ctr	Ctr	0.98
C	LOCK	4.0x 8.0	Ctr	Ctr	0.98
I	LOCK	3.0x 4.0	Ctr	Ctr	0.59
J	LOCK	5.0x 5.0	0.3	0.5	0.63
D	LOCK	3.0x 4.0	Ctr	Ctr	0.83
G	LOCK	2.0x 4.0	Ctr	Ctr	0.40
F	LOCK	3.0x 7.0	Ctr	Ctr	0.53
E	LOCK	5.0x 5.0	Ctr	-0.5	0.65
H	LOCK	3.0x 4.0	Ctr	Ctr	0.63

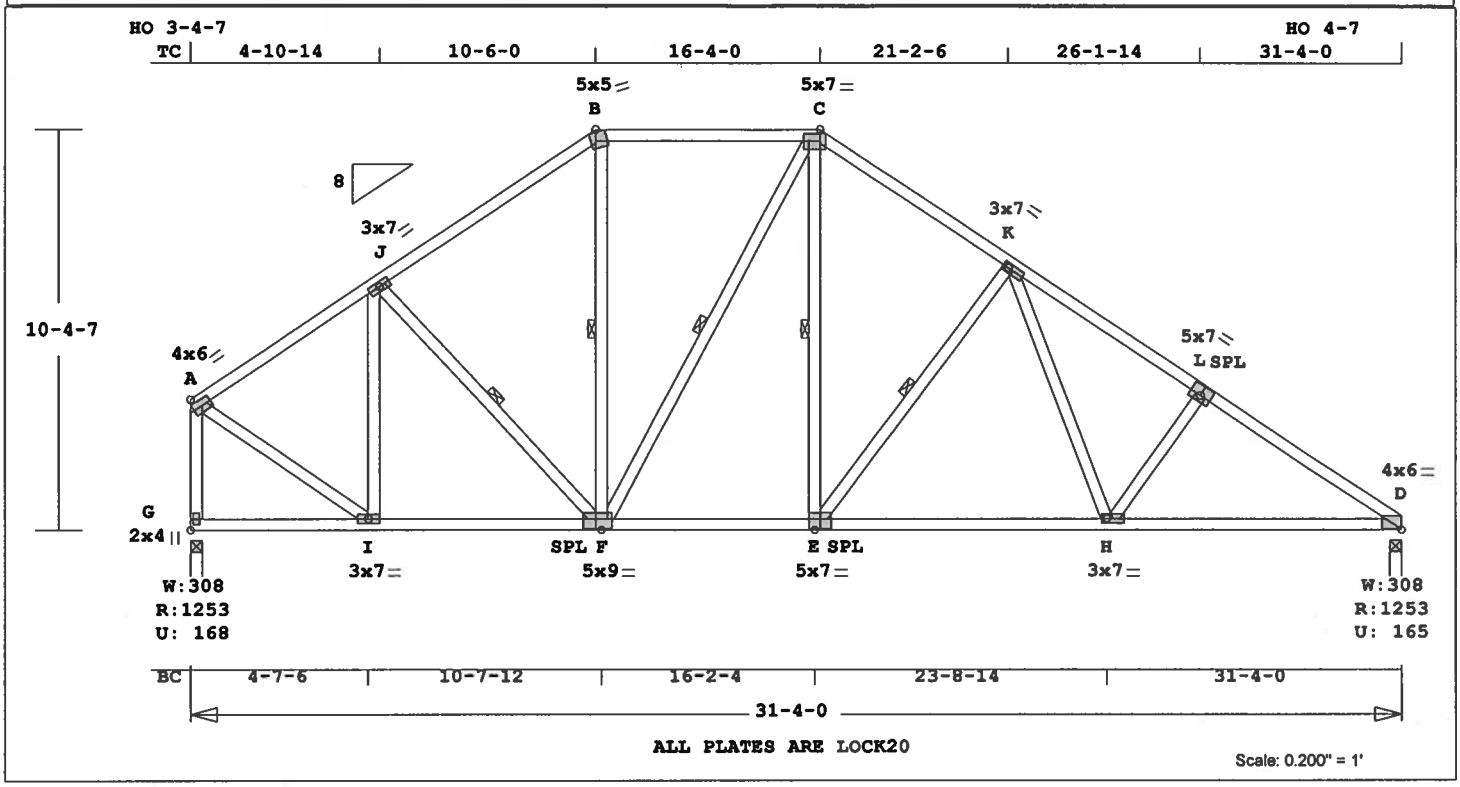
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1512 Lbs
Max tens. force 1261 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
ELIXSON-WILL	A11	1	HIPP	'310400'	8	0	0	T2566261

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 264.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.32	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
WB	0.21	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	10- 6- 0
TC	24.0"	10- 6- 0	16- 4- 0
TC	Cont.	16- 4- 0	31- 4- 0
BC	Cont.	0- 0- 0	31- 4- 0

WB 1 rows CLB on J -F
WB 1 rows CLB on F -B
WB 1 rows CLB on F -C
WB 1 rows CLB on E -C
WB 1 rows CLB on E -K
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-
G	1253	168 U	266 R
D	1253	166 U	214 R

Jt	Brg Size	Required
G	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	0.29	963	C	0.00	0.29
J -B	0.29	1051	C	0.00	0.29
B -C	0.32	870	C	0.01	0.31
C -K	0.22	1167	C	0.00	0.22
K -L	0.23	1657	C	0.08	0.15
L -D	0.21	1827	C	0.07	0.14
--------Bottom Chords---------					
G -I	0.17	225	T	0.00	0.17
I -F	0.25	818	T	0.08	0.17
F -E	0.33	967	T	0.10	0.23
E -H	0.42	1249	T	0.12	0.30
H -D	0.45	1520	T	0.15	0.30
------------Webs------------					
G -A	0.18	1215	C	WindLd	
A -I	0.18	990	T		
I -J	0.21	441	C		
J -F	0.02	108	T		1 Br
F -B	0.04	310	T		1 Br
F -C	0.08	200	C		1 Br
E -C	0.09	514	T		1 Br
E -K	0.11	461	C		1 Br
K -H	0.06	411	T		
H -L	0.05	256	C		

TL Defl -0.18" in E -H L/999
LL Defl -0.07" in E -H L/999
Shear // Grain in B -C 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	0.1	0.66
J	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 5.0	0.9-3.1		0.60
C	LOCK	5.0x 7.0	Ctr-0.2		0.90
K	LOCK	3.0x 7.0	Ctr	Ctr	0.41
L	LOCK	5.0x 7.0	0.3	0.5	0.68
D	LOCK	4.0x 6.0-0.5	0.4		0.66
G	LOCK	2.0x 4.0	Ctr	Ctr	0.44
I	LOCK	3.0x 7.0	Ctr	Ctr	0.41
F	LOCK	5.0x 9.0	0.5-0.5		0.70
E	LOCK	5.0x 7.0	Ctr-0.5		0.70
H	LOCK	3.0x 7.0	Ctr	Ctr	0.40

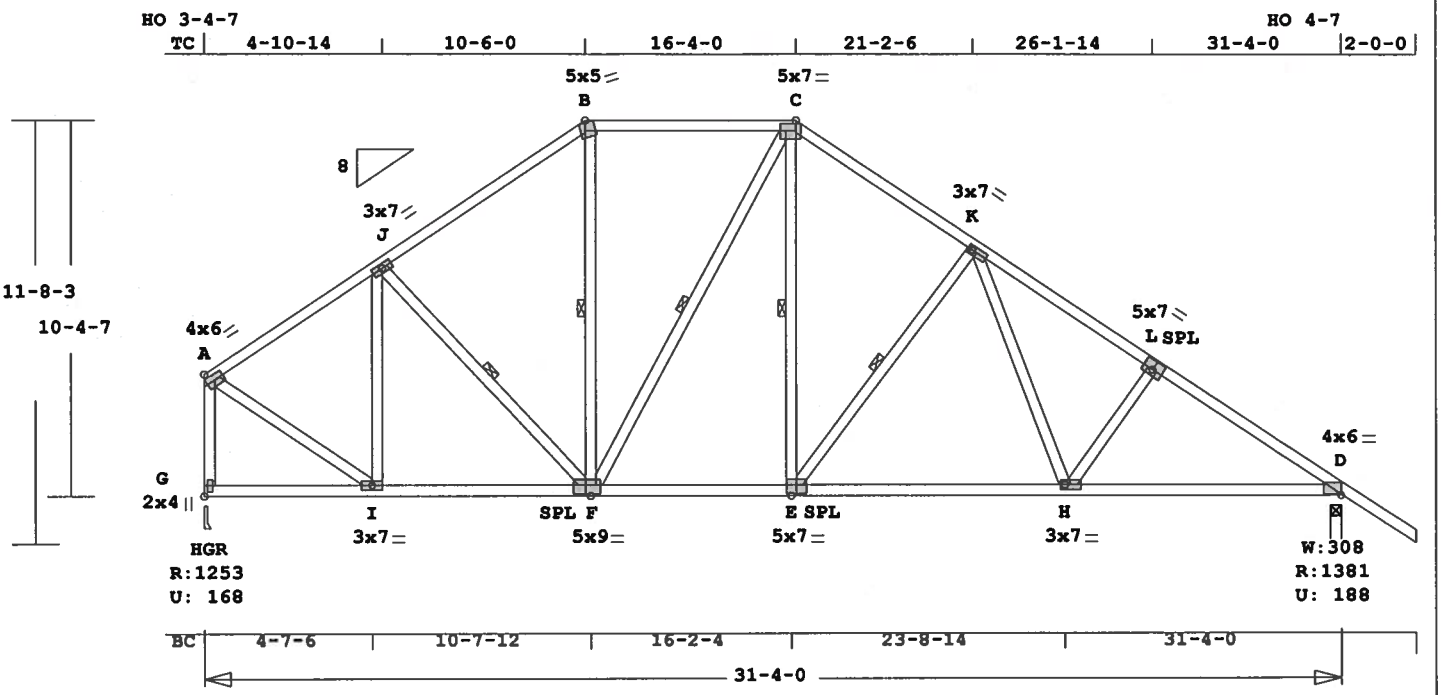
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1827 Lbs
Max tens. force 1520 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
ELIXSON-WILL	A12	1	HIPP	310400'	8	0	2- 0- 0	T2566262

TONY WILLIAMS



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

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.32	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
WB	0.21	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	10- 6- 0
TC	24.0"	10- 6- 0	16- 4- 0
TC	Cont.	16- 4- 0	31- 4- 0
BC	Cont.	0- 0- 0	31- 4- 0

WB 1 rows CLB on J -F
WB 1 rows CLB on F -B
WB 1 rows CLB on F -C
WB 1 rows CLB on E -C
WB 1 rows CLB on E -K
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-
G	1253	168 U	266 R
D	1381	188 U	214 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
**----------Top Chords----------				
A -J	0.29	963 C	0.00	0.29
J -B	0.29	1051 C	0.00	0.29
B -C	0.32	870 C	0.01	0.31
C -K	0.22	1167 C	0.00	0.22
K -L	0.23	1657 C	0.08	0.15
L -D	0.21	1827 C	0.07	0.14
--------Bottom Chords---------				
G -I	0.17	225 T	0.00	0.17
I -F	0.25	818 T	0.08	0.17
F -E	0.33	967 T	0.10	0.23
E -H	0.42	1248 T	0.12	0.30
H -D	0.45	1520 T	0.15	0.30
------------Webs------------				
G -A	0.18	1215 C	WindLd	
A -I	0.18	990 T		
I -J	0.21	441 C		
J -F	0.02	108 T		1 Br
F -B	0.04	310 T		1 Br
F -C	0.08	200 C		1 Br
E -C	0.09	514 T		1 Br
E -K	0.11	461 C		1 Br
K -H	0.06	411 T		
H -L	0.05	256 C		

TL Defl -0.18" in E -H L/999
LL Defl -0.07" in E -H L/999
Shear // Grain in B -C 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	0.1	0.66
J	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 5.0	0.9	-3.1	0.60
C	LOCK	5.0x 7.0	Ctr	-0.2	0.90
K	LOCK	3.0x 7.0	Ctr	Ctr	0.41
L	LOCK	5.0x 7.0	0.3	0.5	0.68
D	LOCK	4.0x 6.0	-0.5	0.4	0.66
G	LOCK	2.0x 4.0	Ctr	Ctr	0.44
I	LOCK	3.0x 7.0	Ctr	Ctr	0.41
F	LOCK	5.0x 9.0	0.5	-0.5	0.70
E	LOCK	5.0x 7.0	Ctr	-0.5	0.70
H	LOCK	3.0x 7.0	Ctr	Ctr	0.40

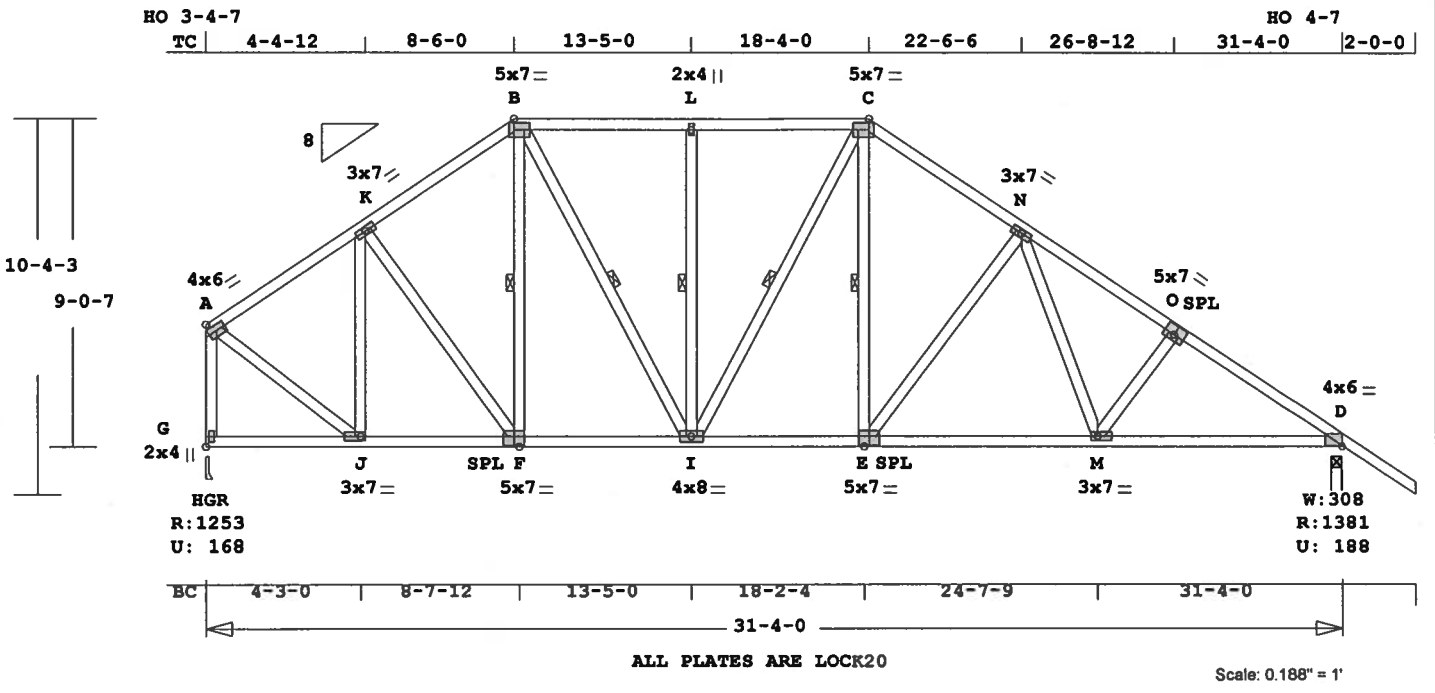
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 1827 Lbs
Max tens. force 1520 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
ELIXSON-WILL	A13	1	HIPP	'310400'	8	0	2- 0- 0	T2566263

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.5 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	Size	Lumber
TC	0.25	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.25	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 4- 0
BC	Cont.	0- 0- 0	31- 4- 0

WB 1 rows CLB on F -B
WB 1 rows CLB on B -I
WB 1 rows CLB on I -L
WB 1 rows CLB on I -C
WB 1 rows CLB on E -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-
G	1253	168 U	236 R
D	1381	188 U	183 R

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

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -K	0.18	916 C	0.00	0.18
K -B	0.19	1067 C	0.06	0.13
B -L	0.25	1098 C	0.00	0.25
L -C	0.25	1098 C	0.00	0.25
C -N	0.19	1302 C	0.01	0.18
N -O	0.19	1702 C	0.08	0.11
O -D	0.18	1851 C	0.08	0.10
Bottom Chords				
G -J	0.10	194 T	0.00	0.10
J -F	0.18	774 T	0.08	0.10
F -I	0.20	885 T	0.14	0.06
I -E	0.28	1081 T	0.18	0.10
E -M	0.34	1316 T	0.13	0.21
M -D	0.36	1536 T	0.25	0.11
Webs				
G -A	0.18	1216 C	WindLd	
A -J	0.18	975 T		
J -K	0.22	501 C		
K -F	0.03	185 T		
F -B	0.01	74 T		1 Br
B -I	0.08	444 T		1 Br
I -L	0.08	330 C		1 Br
I -C	0.02	89 T		1 Br
E -C	0.07	439 T		1 Br
E -N	0.25	389 C		
N -M	0.05	343 T		
M -O	0.04	219 C		

TL Defl -0.13" in E -M L/999
LL Defl -0.06" in E -M L/999
Shear // Grain in B -L 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	0.1	0.66
K	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	Ctr-0.2		0.90
L	LOCK	2.0x 4.0	Ctr	Ctr	0.42
C	LOCK	5.0x 7.0	Ctr-0.2		0.90
N	LOCK	3.0x 7.0	Ctr	Ctr	0.52
O	LOCK	5.0x 7.0	0.3	0.5	0.68
D	LOCK	4.0x 6.0	-0.5	0.4	0.66
G	LOCK	2.0x 4.0	Ctr	Ctr	0.44
J	LOCK	3.0x 7.0	Ctr	Ctr	0.42
F	LOCK	5.0x 7.0	Ctr-0.5		0.70
I	LOCK	4.0x 8.0	Ctr	Ctr	0.46
E	LOCK	5.0x 7.0	Ctr-0.5		0.70
M	LOCK	3.0x 7.0	1.1	Ctr	0.54

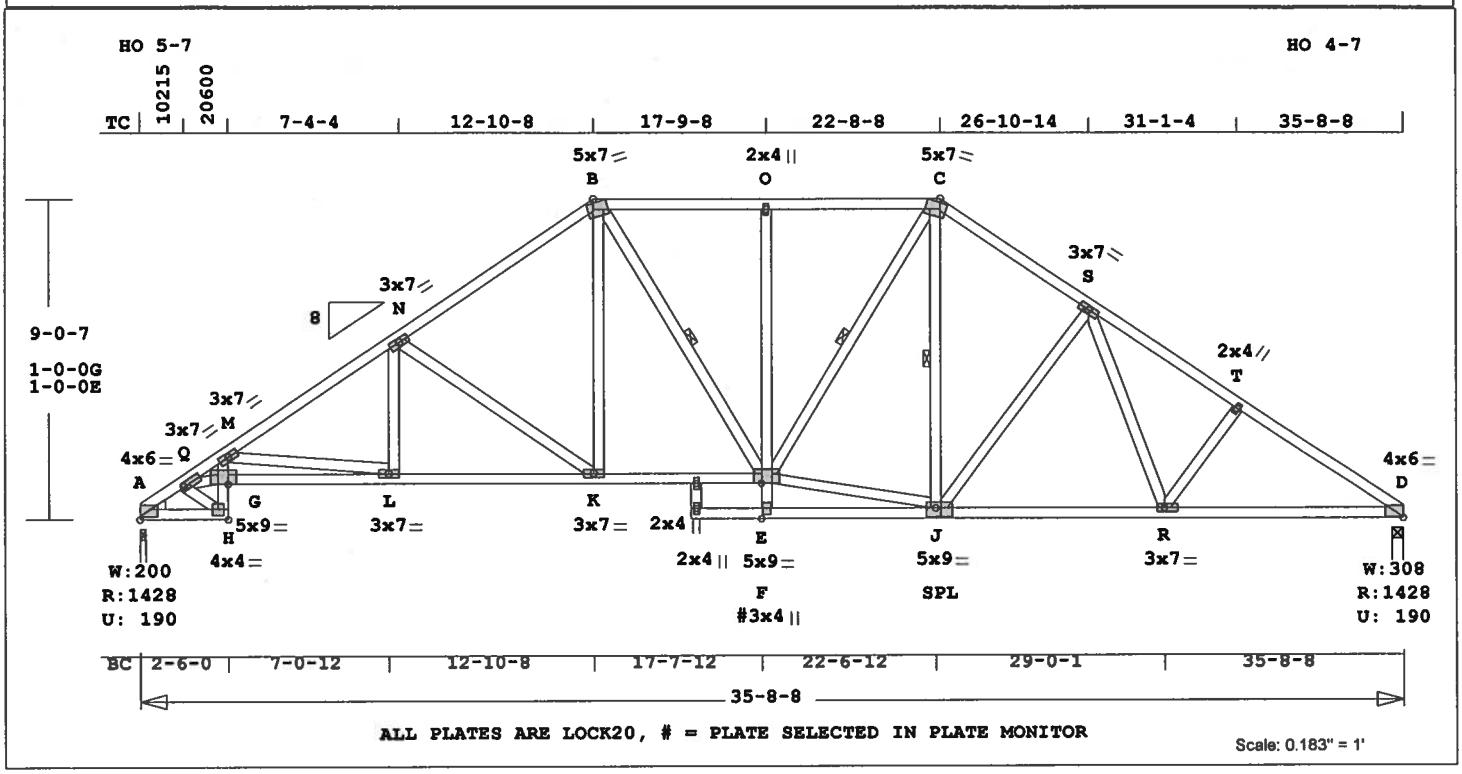
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
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 1851 Lbs
Max tens. force 1536 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
ELIXSON-WILL	A14	1	SP	'350808'	8	0	0	T2566264

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 305.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	Size	Lumber
TC	0.39	2x 4	SP-#2
BC	0.97	2x 4	SP-#2
CW	0.73	2x 4	SP-#2
WB	0.62	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 8- 8
BC	Cont.	0- 0- 0	35- 8- 8

WB 1 rows CLB on B -E
WB 1 rows CLB on E -C
WB 1 rows CLB on 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	1428	190 U	199 R
D	1428	190 U	199 R

Jt	Brg Size	Required
A	2.0"	1.7"
D	3.5"	1.7"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -Q	0.32	1928 C	0.02 0.30
Q -M	0.33	4390 C	0.13 0.20
M -N	0.39	2494 C	0.07 0.32
N -B	0.33	1823 C	0.02 0.31
B -O	0.26	1637 C	0.01 0.25
O -C	0.26	1635 C	0.01 0.25
C -S	0.19	1614 C	0.08 0.11
S -T	0.20	2003 C	0.09 0.11
T -D	0.20	2151 C	0.03 0.17
Bottom Chords			
A -H	0.35	1433 T	0.24 0.11
G -L	0.97	3821 T	0.64 0.33
L -K	0.51	2098 T	0.35 0.16
K -E	0.32	1507 T	0.25 0.07
F -J	0.19	18 C	0.00 0.19
J -R	0.38	1572 T	0.26 0.12
R -D	0.42	1783 T	0.29 0.13
Chord-Webs			
H -G	0.73	792 T	0.14 0.59
G -M	0.42	1129 T	0.20 0.22
F -E	0.03	69 T	0.00 0.03
E -O	0.11	331 C	0.06 0.05
Webs			
Q -H	0.13	1403 C	
Q -G	0.62	3399 T	
M -L	0.52	1740 C	
L -N	0.07	454 T	
N -K	0.42	707 C	
K -B	0.09	511 T	
B -E	0.04	248 T	1 Br
E -C	0.10	554 T	1 Br
E -J	0.25	1355 T	
J -C	0.03	241 T	1 Br
J -S	0.25	384 C	
S -R	0.05	330 T	
R -T	0.03	215 C	

TL Defl -0.31" in G -L L/999
LL Defl -0.15" in G -L L/999
Shear // Grain in A -Q 0.43

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	1.3	0.7	0.92
Q	LOCK	3.0x 7.0	0.8	0.6	0.95
M	LOCK	3.0x 7.0	Ctr	Ctr	0.50
N	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	1.6-3.4		0.70
O	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	5.0x 7.0	1.6-3.4		0.70
S	LOCK	3.0x 7.0	Ctr	Ctr	0.53
T	LOCK	2.0x 4.0	Ctr	Ctr	0.45
D	LOCK	4.0x 6.0	-0.5	0.4	0.70
H	LOCK	4.0x 4.0	Ctr	Ctr	0.84
G	LOCK	5.0x 9.0	Ctr	0.8	0.64
L	LOCK	3.0x 7.0	Ctr	Ctr	0.85
K	LOCK	3.0x 7.0	Ctr	Ctr	0.42
E	LOCK	5.0x 9.0	Ctr	0.7	0.67
F#	LOCK	3.0x 4.0	Ctr	Ctr	0.58
J	LOCK	5.0x 9.0	-0.5	-0.5	0.78
R	LOCK	3.0x 7.0	1.1	Ctr	0.56

= Plate Monitor used

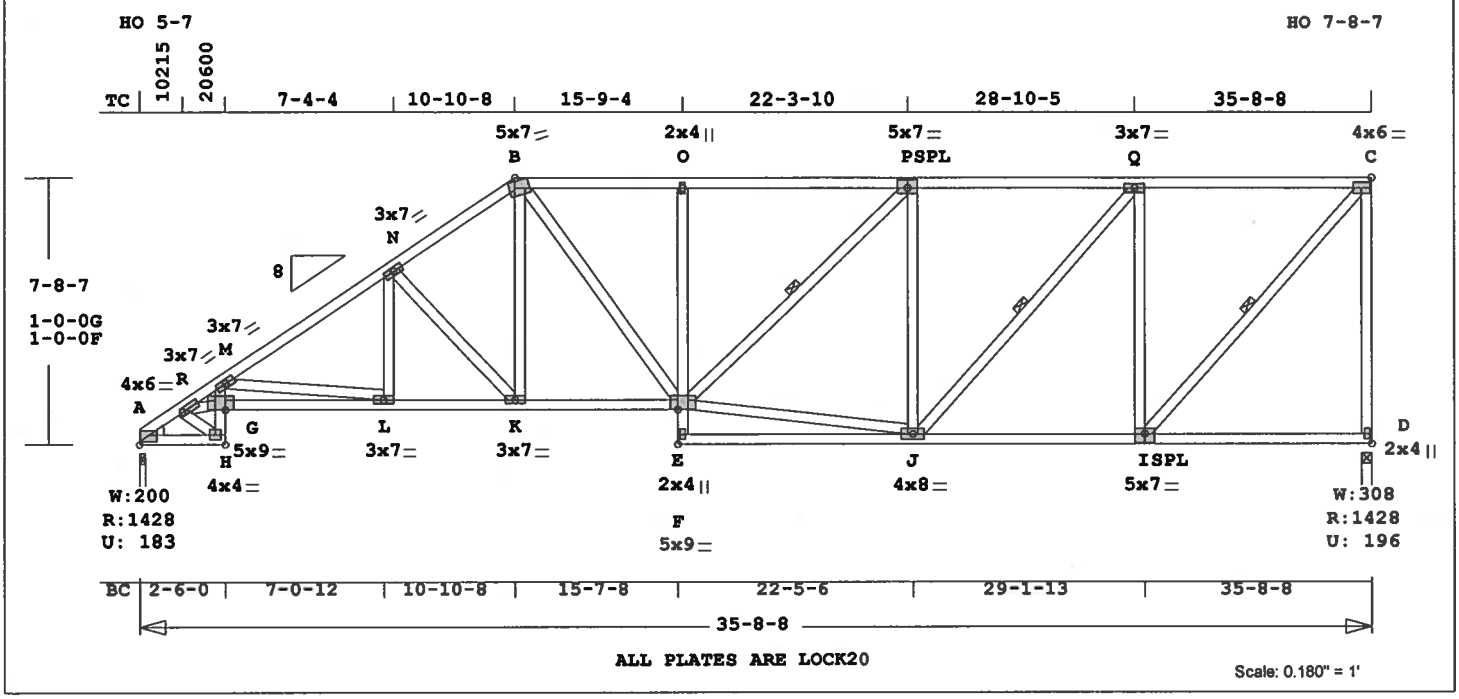
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 4390 Lbs
Max tens. force 3821 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-Hl	Left OH	Right OH	Engineering
ELIXSON-WILL	A15	1	SP	'350808'	8	0	0	T2566265

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 316.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.48	2x 4	SP-#2
BC	0.97	2x 4	SP-#2
CW	0.73	2x 4	SP-#2
WB	0.94	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 8- 8
BC	Cont.	0- 0- 0	35- 8- 8

WB 1 rows CLB on F -P
WB 1 rows CLB on J -Q
WB 1 rows CLB on I -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	1428	184 U	134 R
D	1428	197 U	262 R

Jt	Brg Size	Required
A	2.0"	1.7"
D	3.5"	1.7"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -R	0.32	1925 C	0.02 0.30
R -M	0.34	4414 C	0.13 0.21
M -N	0.41	2482 C	0.07 0.34
N -B	0.23	2011 C	0.02 0.21
B -O	0.36	1957 C	0.02 0.34
O -P	0.39	1951 C	0.02 0.37
P -Q	0.48	1617 C	0.01 0.47
Q -C	0.47	1067 C	0.00 0.47
Bottom Chords			
A -H	0.35	1430 T	0.24 0.11
G -L	0.97	3854 T	0.64 0.33
L -K	0.48	2081 T	0.34 0.14
K -F	0.36	1666 T	0.27 0.09
E -J	0.27	47 T	0.00 0.27
J -I	0.38	1067 T	0.11 0.27
I -D	0.26	205 T	0.00 0.26
Chord-Webs			
H -G	0.73	790 T	0.14 0.59
G -M	0.42	1132 T	0.20 0.22
E -F	0.10	107 T	0.01 0.09
F -O	0.14	381 C	0.04 0.10
Webs			
R -H	0.13	1398 C	
R -G	0.63	3428 T	
M -L	0.53	1791 C	
L -N	0.07	414 T	
N -K	0.21	585 C	
K -B	0.09	500 T	
B -F	0.13	486 T	
F -P	0.08	463 T	1 Br
F -J	0.29	1587 T	
J -P	0.48	711 C	
J -Q	0.15	830 T	1 Br
I -Q	0.73	1063 C	
I -C	0.29	1611 T	1 Br
D -C	0.94	1372 C	WindLd

TL Defl -0.33" in E -J L/999
LL Defl -0.15" in K -F L/999
Shear // Grain in A -R 0.43

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	1.3	0.7	0.92
R	LOCK	3.0x 7.0	0.8	0.6	0.95
M	LOCK	3.0x 7.0	Ctr	Ctr	0.51
N	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	1.6-3.4		0.70
O	LOCK	2.0x 4.0	Ctr	Ctr	0.40
P	LOCK	5.0x 7.0	Ctr	0.5	0.75
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.46
C	LOCK	4.0x 6.0	Ctr	Ctr	0.74
H	LOCK	4.0x 4.0	Ctr	Ctr	0.84
G	LOCK	5.0x 9.0	Ctr	0.8	0.65
L	LOCK	3.0x 7.0	Ctr	Ctr	0.85
K	LOCK	3.0x 7.0	Ctr	Ctr	0.46
F	LOCK	5.0x 9.0	Ctr	0.7	0.64
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
J	LOCK	4.0x 8.0	Ctr	Ctr	0.64
I	LOCK	5.0x 7.0	Ctr	0.5	0.75
D	LOCK	2.0x 4.0	Ctr	Ctr	0.55

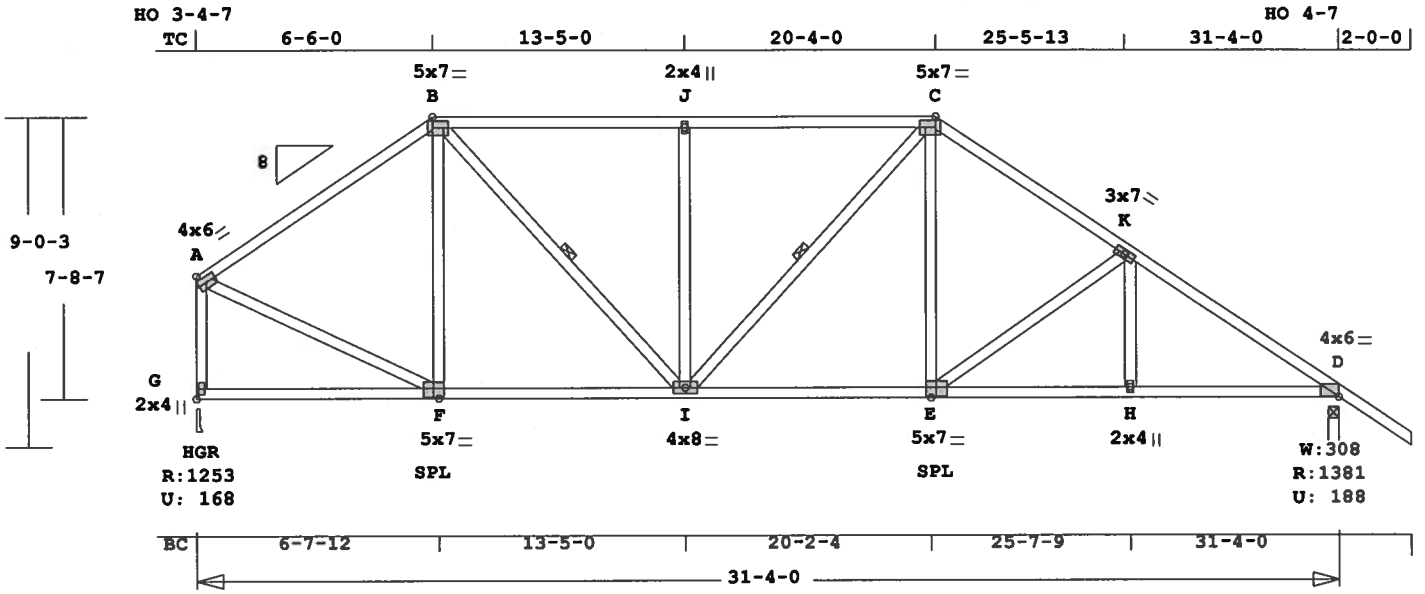
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 4414 Lbs
Max tens. force 3854 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
ELIXSON-WILL	A16	1	HIPP	'310400'	8	0	2- 0- 0	T2566266

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.2 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.37	2x 4	SP-#2
WB	0.30	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 4- 0
BC	Cont.	0- 0- 0	31- 4- 0

WB 1 rows CLB on B -I
WB 1 rows CLB on I -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-
G	1253	168 U	205 R
D	1381	188 U	153 R

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

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.49	1058 C	0.02 0.47
B -J	0.49	1318 C	0.01 0.48
J -C	0.49	1318 C	0.01 0.48
C -K	0.27	1454 C	0.01 0.26
K -D	0.27	1815 C	0.08 0.19
--------Bottom Chords---------			
G -F	0.28	164 T	0.00 0.28
F -I	0.37	893 T	0.09 0.28
I -E	0.35	1208 T	0.12 0.23
E -H	0.37	1509 T	0.25 0.12
H -D	0.31	1509 T	0.25 0.06
-------------Webs-------------			
G -A	0.17	1199 C	WindLd
A -F	0.18	988 T	
F -B	0.19	281 C	
B -I	0.11	626 T	1 Br
I -J	0.30	446 C	
I -C	0.02	162 T	1 Br
E -C	0.06	402 T	
E -K	0.19	367 C	
H -K	0.03	205 T	

TL Defl -0.14" in I -E L/999
LL Defl -0.06" in I -E L/999
Shear // Grain in J -C 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	0.1	0.66
B	LOCK	5.0x 7.0	Ctr-0.2		0.90
J	LOCK	2.0x 4.0	Ctr	Ctr	0.42
C	LOCK	5.0x 7.0	Ctr-0.2		0.90
K	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	4.0x 6.0-0.5	0.4		0.66
G	LOCK	2.0x 4.0	Ctr	Ctr	0.46
F	LOCK	5.0x 7.0	Ctr-0.5		0.70
I	LOCK	4.0x 8.0	Ctr	Ctr	0.41
E	LOCK	5.0x 7.0	Ctr-0.5		0.70
H	LOCK	2.0x 4.0	Ctr	Ctr	0.42

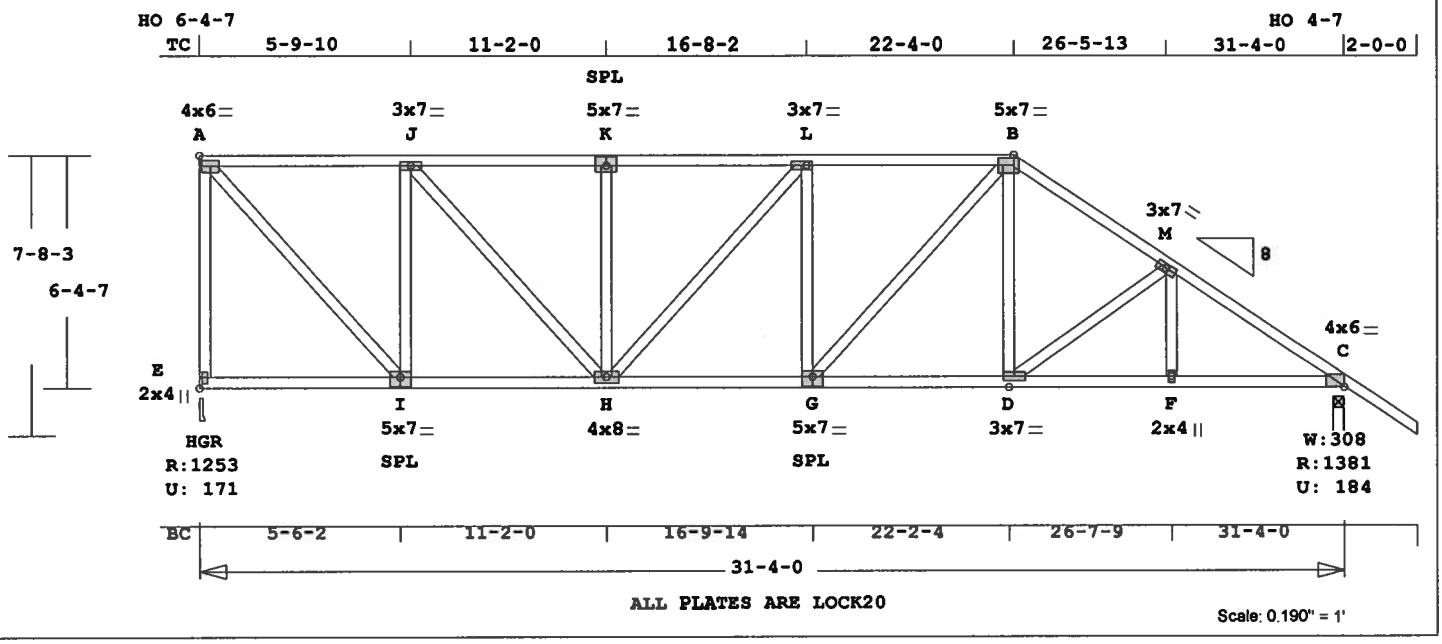
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 1815 Lbs
Max tens. force 1509 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
ELIXSON-WILL	A17	1	HHIP	'310400'	8	0	2- 0- 0	T2566267

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 255.5 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.55	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 4- 0
BC	Cont.	0- 0- 0	31- 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-
E	1253	172 U	215 R
C	1381	184 U	111 R

Jt	Brg Size	Required
E	3.5"	1.5"
C	3.5"	1.6"

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

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -J	0.33	966	C	0.00	0.33
J -K	0.34	1479	C	0.01	0.33
K -L	0.32	1479	C	0.01	0.31
L -B	0.32	1614	C	0.01	0.31
B -M	0.21	1582	C	0.01	0.20
M -C	0.19	1851	C	0.08	0.11
Bottom Chords					
E -I	0.19	168	T	0.00	0.19
I -H	0.29	965	T	0.10	0.19
H -G	0.36	1614	T	0.27	0.09
G -D	0.31	1318	T	0.22	0.09
D -F	0.33	1533	T	0.25	0.08
F -C	0.34	1533	T	0.25	0.09
Webs					
E -A	0.55	1205	C	WindLd	
A -I	0.39	1438	T		
I -J	0.43	941	C		
J -H	0.21	764	T		
H -K	0.14	312	C		
H -L	0.16	201	C		
G -L	0.09	210	C		
G -B	0.12	439	T		
D -B	0.04	314	T		
D -M	0.10	282	C		
F -M	0.02	155	T		

TL Defl -0.15" in H -G L/999
LL Defl -0.07" in H -G L/999
Shear // Grain in A -J 0.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.66
J	LOCK	3.0x 7.0	Ctr	Ctr	0.45
K	LOCK	5.0x 7.0	Ctr	0.5	0.70
L	LOCK	3.0x 7.0	Ctr	Ctr	0.45
B	LOCK	5.0x 7.0	Ctr	-0.2	0.90
M	LOCK	3.0x 7.0	Ctr	Ctr	0.42
C	LOCK	4.0x 6.0	-0.5	0.4	0.66
E	LOCK	2.0x 4.0	Ctr	Ctr	0.48
I	LOCK	5.0x 7.0	Ctr	-0.5	0.70
H	LOCK	4.0x 8.0	Ctr	Ctr	0.41
G	LOCK	5.0x 7.0	Ctr	-0.5	0.70
D	LOCK	3.0x 7.0	Ctr	Ctr	0.41
F	LOCK	2.0x 4.0	Ctr	Ctr	0.42

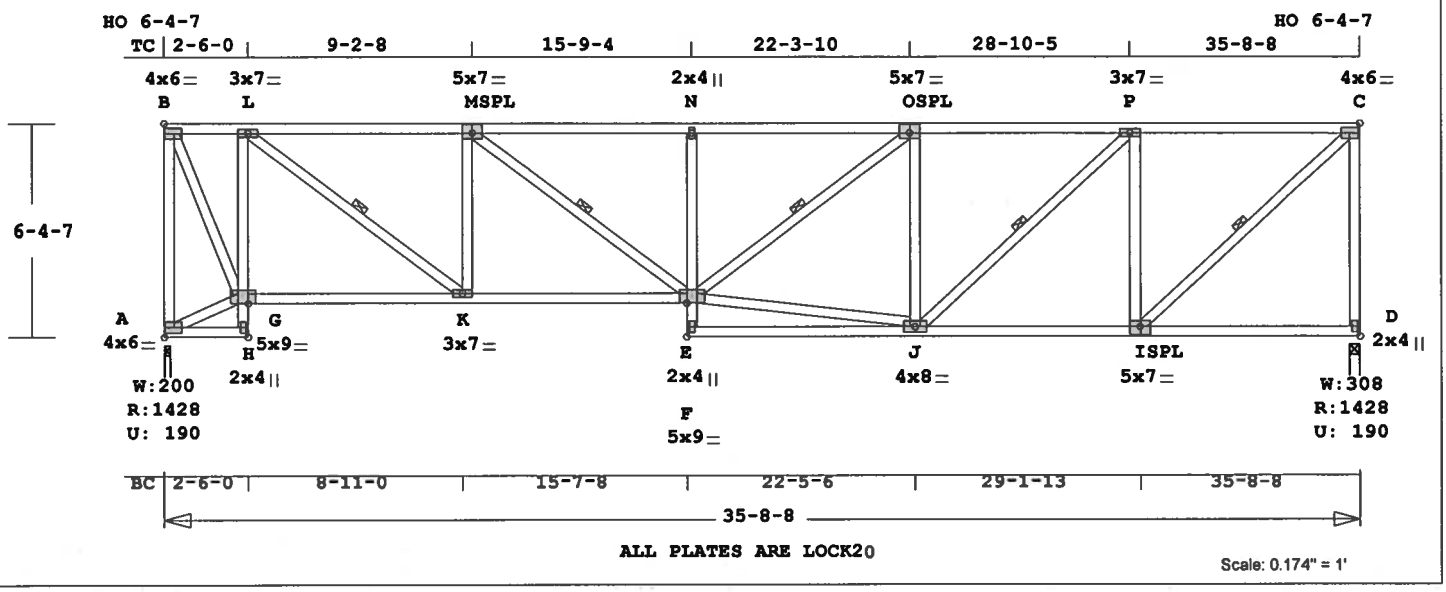
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 1851 Lbs
Max tens. force 1614 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
ELIXSON-WILL	A18	1	SP	'350808'	60407	0	0	T2566268

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 313.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.48	2x 4	SP-#2
CW	0.36	2x 4	SP-#2
WB	0.65	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 8- 8
BC	Cont.	0- 0- 0	35- 8- 8

WB 1 rows CLB on L -K
WB 1 rows CLB on M -F
WB 1 rows CLB on F -O
WB 1 rows CLB on J -P
WB 1 rows CLB on I -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	1428	190 U	185 R
D	1428	190 U	185 R

Jt	Brg Size	Required
A	2.0"	1.7"
D	3.5"	1.7"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
B -L	0.29	612 C	0.00	0.29
L -M	0.44	1923 C	0.02	0.42
M -N	0.46	2478 C	0.04	0.42
N -O	0.42	2467 C	0.04	0.38
O -P	0.49	1971 C	0.02	0.47
P -C	0.48	1301 C	0.01	0.47
Bottom Chords				
A--H	0.03	69 C	0.00	0.03
G -K	0.32	619 T	0.06	0.26
K -F	0.48	1923 T	0.32	0.16
E -J	0.26	53 C	0.00	0.26
J -I	0.39	1301 T	0.13	0.26
I -D	0.26	139 T	0.00	0.26
Chord-Webs				
H -G	0.12	43 T	0.00	0.12
G -L	0.36	1317 C	0.22	0.14
E -F	0.12	108 T	0.01	0.11
F -N	0.15	400 C	0.01	0.14
Webs				
A -B	0.65	1409 C	WindLd	
A -G	0.02	176 T		
B -G	0.28	1535 T		
L -K	0.30	1635 T		1 Br
K -M	0.27	836 C		
M -F	0.12	696 T		1 Br
F -O	0.11	623 T		1 Br
F -J	0.35	1939 T		
J -O	0.35	763 C		
J -P	0.16	913 T		1 Br
I -P	0.49	1063 C		
I -C	0.32	1774 T		1 Br
D -C	0.63	1371 C	WindLd	

TL Defl -0.31" in E -J L/999
LL Defl -0.13" in K -F L/999
Shear // Grain in P -C 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
B	LOCK	4.0x 6.0	Ctr	Ctr	0.74
L	LOCK	3.0x 7.0	Ctr	Ctr	0.59
M	LOCK	5.0x 7.0	Ctr	0.5	0.75
N	LOCK	2.0x 4.0	Ctr	Ctr	0.40
O	LOCK	5.0x 7.0	Ctr	0.5	0.75
P	LOCK	3.0x 7.0	Ctr	Ctr	0.45
C	LOCK	4.0x 6.0	Ctr	Ctr	0.74
A	LOCK	4.0x 6.0	Ctr	Ctr	0.74
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
G	LOCK	5.0x 9.0	Ctr	0.8	0.91
K	LOCK	3.0x 7.0	Ctr	Ctr	0.58
F	LOCK	5.0x 9.0	Ctr	0.8	0.64
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
J	LOCK	4.0x 8.0	Ctr	Ctr	0.74
I	LOCK	5.0x 7.0	Ctr	-0.5	0.75
D	LOCK	2.0x 4.0	Ctr	Ctr	0.55

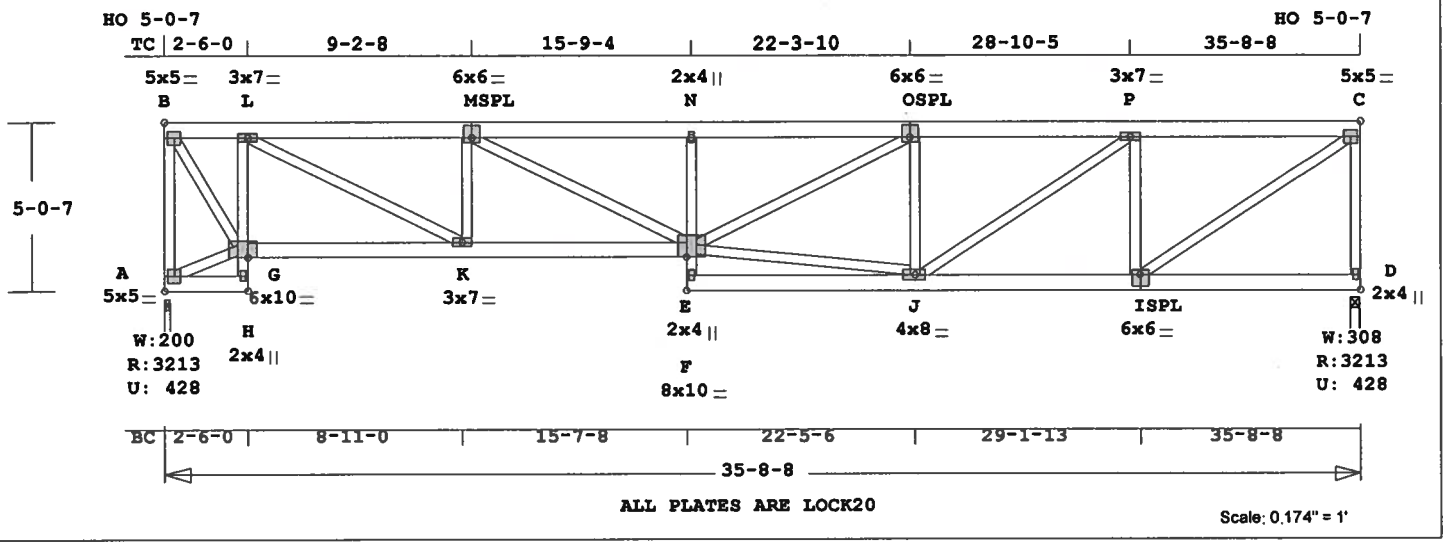
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Provide drainage to prevent water ponding.
This truss must be installed as shown. It cannot be installed upside-down.
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 2478 Lbs
Max tens. force 1939 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
ELIXSON-WILL	A19	1*2P	SP	'350808'	50007	0	0	T2566269

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 346.9 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.29	2x 6	SP-#2
BC	0.58	2x 6	SP-#2
CW	0.45	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	35- 8- 8
BC	Cont.	0- 0- 0	35- 8- 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=1.00 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	3214	428 U	136 R
D	3214	428 U	136 R

Jt	Brg Size	Required
A	2.0"	1.9"
D	3.5"	1.9"

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

plf - Dead	Live*	From	To
TC V	45	90	0.0' 35.7'
BC V	45	0	0.0' 35.7'

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
B -L	0.18	1950 C	0.00 0.18
L -M	0.25	6110 C	0.03 0.22
M -N	0.27	7798 C	0.05 0.22
N -O	0.26	7761 C	0.06 0.20
O -P	0.29	5865 C	0.02 0.27
P -C	0.28	3866 C	0.01 0.27
--------Bottom Chords---------			
A -H	0.02	92 C	0.00 0.02
G -K	0.23	1976 T	0.08 0.15
K -F	0.58	6110 T	0.40 0.18
E -J	0.15	423 T	0.01 0.14
J -I	0.31	3865 T	0.25 0.06
I -D	0.14	101 T	0.00 0.14
----------Chord-Webs----------			
H -G	0.08	98 T	0.00 0.08
G -L	0.13	2963 C	0.13 0.00
E -F	0.45	250 T	0.01 0.44
F -N	0.14	883 C	0.00 0.14
----------Webs----------			
A -B	0.17	3161 C	WindLd
A -G	0.01	148 T	
B -G	0.34	3713 T	
L -K	0.43	4685 T	
K -M	0.09	1828 C	
M -F	0.17	1913 T	
F -O	0.19	2150 T	
F -J	0.50	5503 T	
J -O	0.10	1898 C	
J -P	0.22	2439 T	
I -P	0.13	2381 C	
I -C	0.43	4715 T	
D -C	0.17	3079 C	WindLd

TL Defl -0.37" in K -F L/999
LL Defl -0.18" in K -F L/999
Shear // Grain in E -F 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
B	LOCK	5.0x 5.0	Ctr	Ctr	0.76
L	LOCK	3.0x 7.0	Ctr	Ctr	0.78
M	LOCK	6.0x 6.0	Ctr	1.2	0.60
N	LOCK	2.0x 4.0	Ctr	Ctr	0.30
O	LOCK	6.0x 6.0	Ctr	1.2	0.60
P	LOCK	3.0x 7.0	Ctr	Ctr	0.42
C	LOCK	5.0x 5.0	Ctr	Ctr	0.76
A	LOCK	5.0x 5.0	Ctr	Ctr	0.76
H	LOCK	2.0x 4.0	Ctr	Ctr	0.91
G	LOCK	6.0x10.0	Ctr	0.2	0.93
K	LOCK	3.0x 7.0	Ctr	Ctr	0.78
F	LOCK	8.0x10.0	Ctr	1.3	0.64
E	LOCK	2.0x 4.0	Ctr	Ctr	0.91
J	LOCK	4.0x 8.0	-0.5	Ctr	0.89
I	LOCK	6.0x 6.0	Ctr	-1.2	0.81
D	LOCK	2.0x 4.0	Ctr	Ctr	0.82

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 TC and BC

Span 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.)

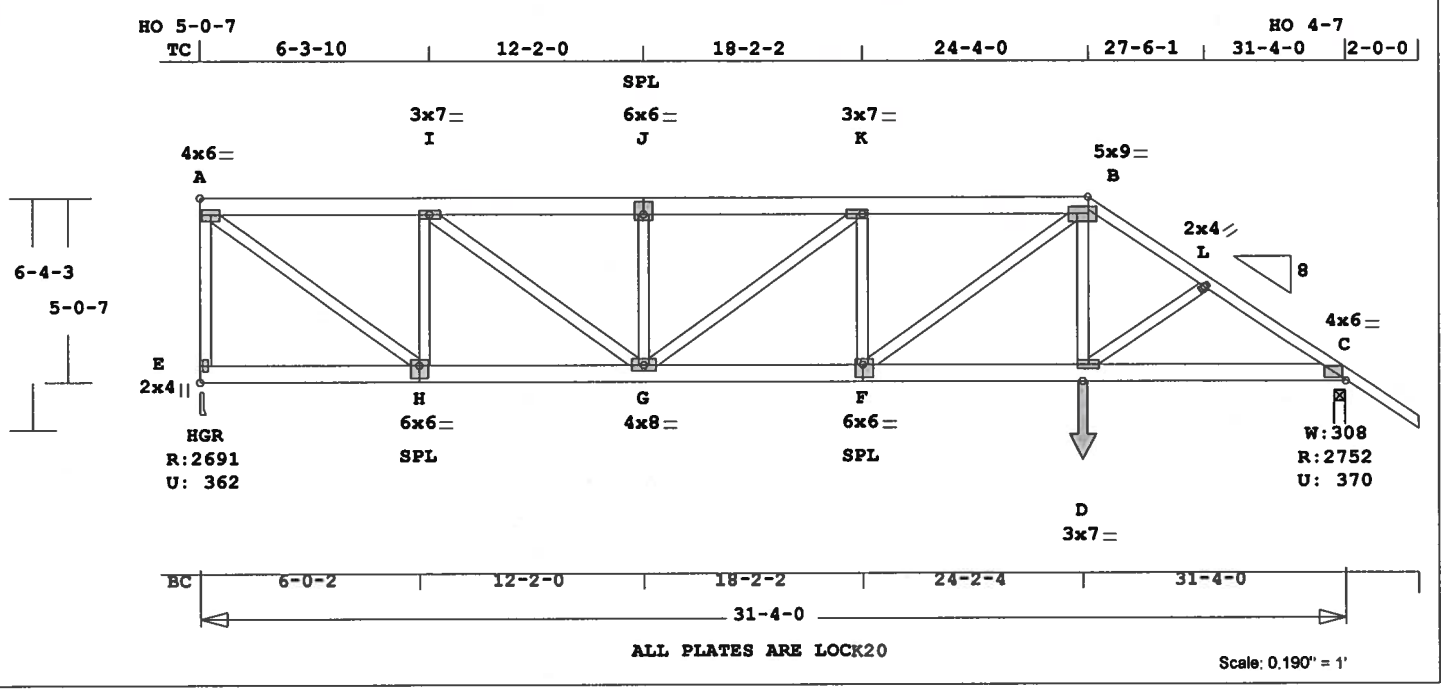
	----Spacing (In)----		
Rows	Nails	Screws	Bolts
TC 2	12	24	0
BC 2	12	24	0
WB 1	8	8	

Design checked for 10 psf non-concurrent LL on BC.
Provide drainage to prevent water ponding.
Use properly rated hangers for loads framing into girder truss.
This truss must be installed as shown. It cannot be installed upside-down.
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 7798 Lbs
Max tens. force 6110 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
ELIXSON-WILL	A20	1*2P	HHIP	'310400'	8	0	2- 0- 0	T2566270

TONY WILLIAMS



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

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.28	2x 4	SP-#2
--	0.25	2x 6	SP-#2
	A -J	J -B	
BC	0.38	2x 6	SP-#2
WB	0.36	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 4- 0
BC	Cont.	0- 0- 0	31- 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-
E	2692	362 U	161 R
C	2752	371 U	84 R

Jt	Brg Size	Required
E	3.5"	1.6"
C	3.5"	1.6"

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

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	31.3'
BC V	20	0	0.0'	31.3'
TC V	25	50	1.0'	24.3'
TC V	-20	-40	0.0'	1.0'
BC V	25	0	1.0'	24.2'
BC V	-20	0	0.0'	1.0'
BC V	280	280	24.2'	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 -I	0.22	3133 C	0.00 0.22
I -J	0.23	4693 C	0.01 0.22
J -K	0.24	4693 C	0.01 0.23
K -B	0.25	4933 C	0.02 0.23
B -L	0.28	4167 C	0.03 0.25
L -C	0.13	4283 C	0.04 0.09

--------Bottom Chords---------				
E -H	0.12	126 T	0.00	0.12
H -G	0.26	3133 T	0.20	0.06
G -F	0.38	4933 T	0.32	0.06
F -D	0.30	3496 T	0.23	0.07
D -C	0.28	3540 T	0.23	0.05
----------Webs----------				
E -A	0.14	2611 C	WindLd	
A -H	0.36	3939 T		
H -I	0.11	2088 C		
I -G	0.18	1960 T		
G -J	0.04	759 C		
G -K	0.02	302 C		
F -K	0.04	744 C		
F -B	0.16	1781 T		
D -B	0.06	787 T		
D -L	0.00	121 C		

TL Defl -0.18" in G -F L/999
LL Defl -0.09" in G -F L/999
Shear // Grain in K -B 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.85
I	LOCK	3.0x 7.0	Ctr	Ctr	0.41
J	LOCK	6.0x 6.0	Ctr	1.2	0.56
K	LOCK	3.0x 7.0	Ctr	Ctr	0.41
B	LOCK	5.0x 9.0	Ctr	Ctr	0.95
L	LOCK	2.0x 4.0	Ctr	Ctr	0.42
C	LOCK	4.0x 6.0	Ctr	Ctr	0.63
E	LOCK	2.0x 4.0	Ctr	Ctr	0.73
H	LOCK	6.0x 6.0	Ctr-1.2		0.68
G	LOCK	4.0x 8.0	Ctr	Ctr	0.42
F	LOCK	6.0x 6.0	0.5-1.2		0.56
D	LOCK	3.0x 7.0	Ctr	Ctr	0.41

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

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Half Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

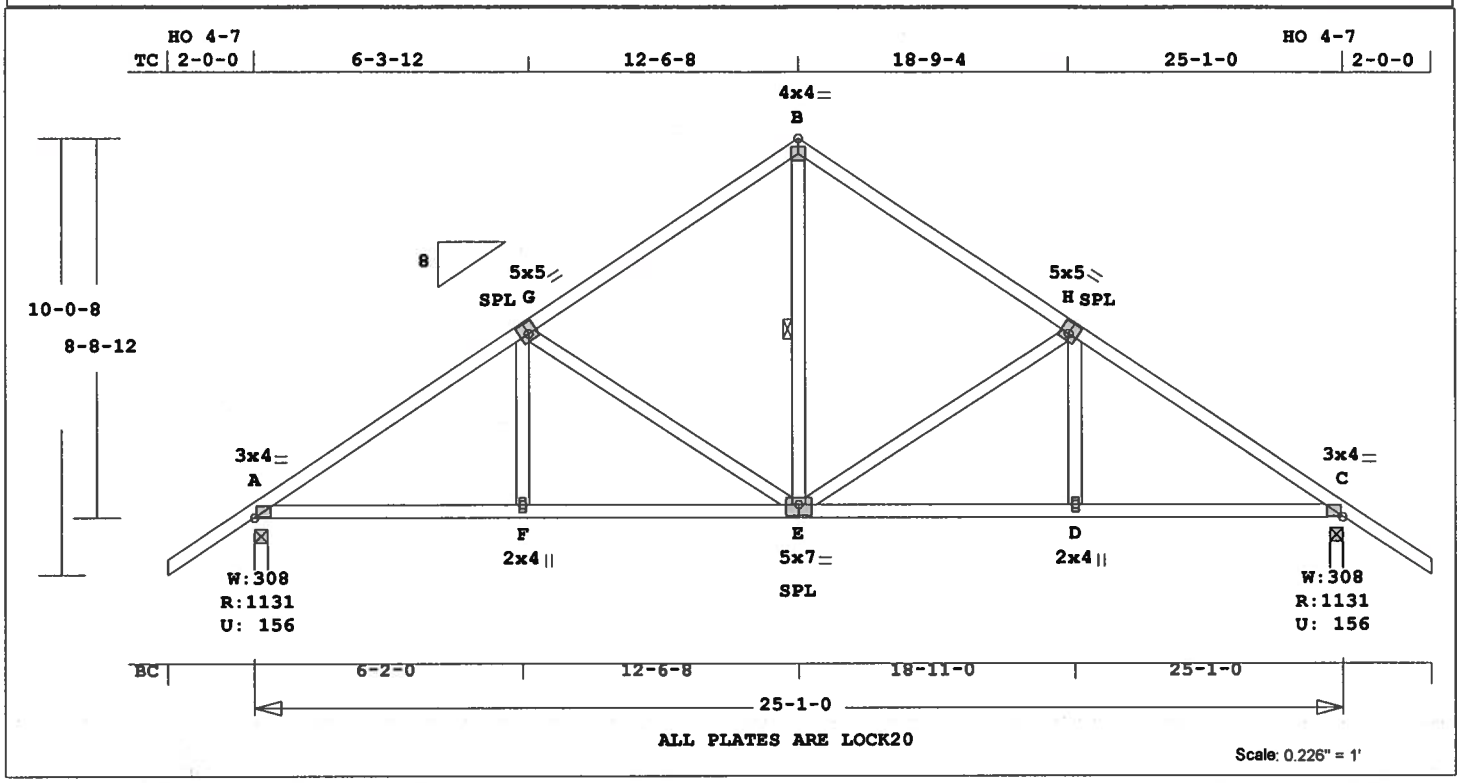
		----Spacing (In)----	
Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 2	12	24	0
WB 1	8	8	

Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4933 Lbs
Max tens. force 4933 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
ELIXSON-WILL	B1	19	TR	'250100'	8	2- 0- 0	2- 0- 0	T2566271

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 171.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.33	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	25- 1- 0
BC	Cont.	0- 0- 0	25- 1- 0

WB 1 rows CLB on E -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	1131	156 U	182 R
C	1131	156 U	182 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 -G	0.37	1373 C	0.01 0.36
G -B	0.36	916 C	0.00 0.36
B -H	0.36	916 C	0.00 0.36
H -C	0.37	1373 C	0.01 0.36
Bottom Chords			
A -F	0.31	1149 T	0.12 0.19
F -E	0.33	1149 T	0.12 0.21
E -D	0.33	1149 T	0.12 0.21
D -C	0.31	1149 T	0.12 0.19
Webs			
F -G	0.03	250 T	
G -E	0.33	469 C	
E -B	0.11	642 T	1 Br
E -H	0.33	469 C	
D -H	0.03	250 T	

TL Defl -0.09" in E -D L/999
LL Defl -0.04" in E -D L/999
Shear // Grain in G -B 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.80
G	LOCK	5.0x 5.0	-0.3	0.5	0.61
B	LOCK	4.0x 4.0	Ctr	Ctr	0.68
H	LOCK	5.0x 5.0	0.3	0.5	0.61
C	LOCK	3.0x 4.0	Ctr	Ctr	0.80
F	LOCK	2.0x 4.0	Ctr	Ctr	0.40
E	LOCK	5.0x 7.0	Ctr	-0.5	0.63
D	LOCK	2.0x 4.0	Ctr	Ctr	0.40

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

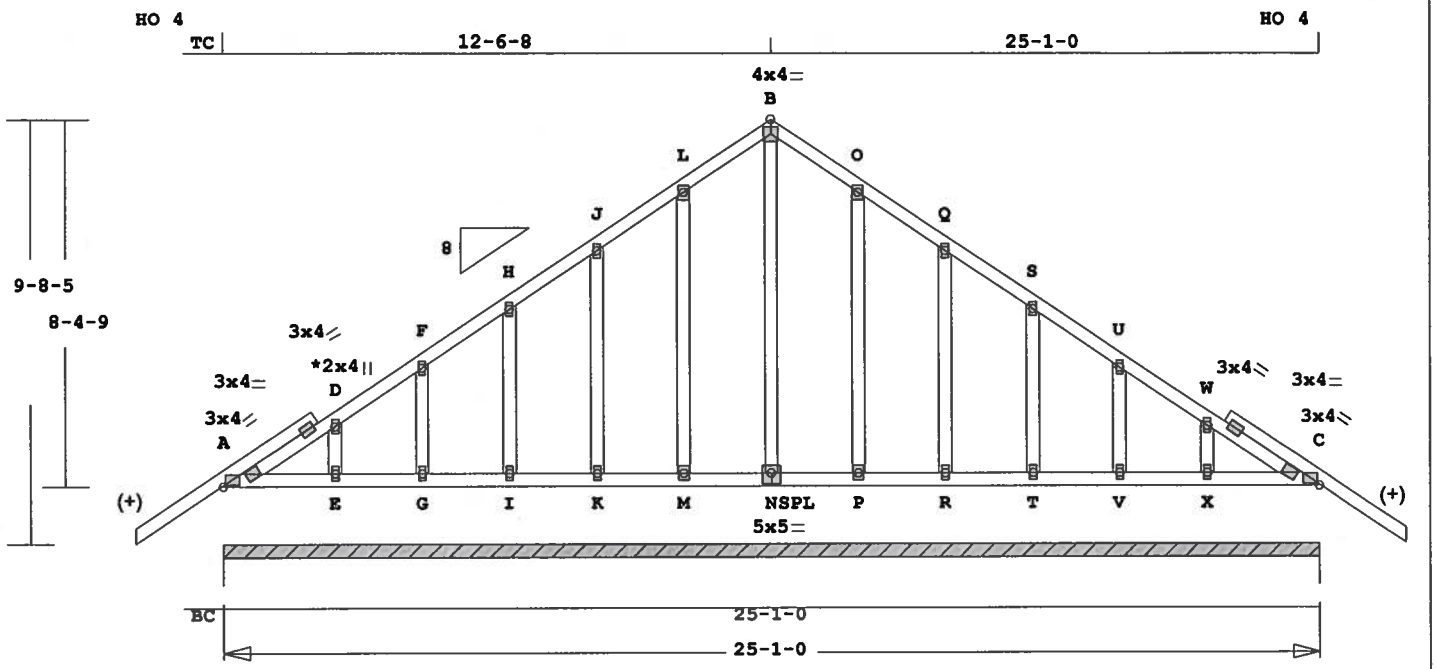
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

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 1373 Lbs
Max tens. force 1149 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
ELIXSON-WILL	B2	1	TR	' 250100'	8	0	0	T2566272

TONY WILLIAMS



ALL PLATES ARE LOCK20

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.227" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 208.5 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.04	2x 4	SP-#2 (+)
BC	0.04	2x 4	SP-#2
GW	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	25- 1- 0
BC	Cont.	0- 0- 0	25- 1- 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	2007	267 U	174 R

Jt	Brg Size	Required
A	301.0"	0"-to- 301"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -D	0.04	162 C	0.00	0.04
D -F	0.04	109 C	0.00	0.04
F -H	0.03	70 C	0.00	0.03
H -J	0.03	53 C	0.00	0.03
J -L	0.03	100 C	0.00	0.03
L -B	0.03	165 T	0.00	0.03
B -O	0.03	165 T	0.00	0.03
O -Q	0.03	100 C	0.00	0.03
Q -S	0.03	53 C	0.00	0.03
S -U	0.03	70 C	0.00	0.03
U -W	0.04	109 C	0.00	0.04
W -C	0.04	162 C	0.00	0.04
Bottom Chords				
A -E	0.04	15 T	0.00	0.04
E -G	0.02	0 T	0.00	0.02
G -I	0.02	0 T	0.00	0.02
I -K	0.02	0 T	0.00	0.02
K -M	0.02	0 T	0.00	0.02
M -N	0.02	0 T	0.00	0.02
N -P	0.02	0 T	0.00	0.02
P -R	0.02	0 T	0.00	0.02
R -T	0.02	0 T	0.00	0.02
T -V	0.02	0 T	0.00	0.02
V -X	0.02	0 T	0.00	0.02
X -C	0.04	15 T	0.00	0.04
Gable Webs				
E -D	0.01	141 C		
G -F	0.01	119 C		
I -H	0.02	124 C		
K -J	0.04	126 C		
M -L	0.07	122 C		
N -B	0.09	114 C		
P -O	0.07	122 C		
R -Q	0.04	126 C		
T -S	0.02	124 C		
V -U	0.01	119 C		
X -W	0.01	141 C		

TL Defl 0.00" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 0.08

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.80
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
J	LOCK	2.0x 4.0	Ctr	Ctr	0.00
L	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	4.0x 4.0	Ctr	Ctr	0.68
O	LOCK	2.0x 4.0	Ctr	Ctr	0.00
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.00
S	LOCK	2.0x 4.0	Ctr	Ctr	0.00
U	LOCK	2.0x 4.0	Ctr	Ctr	0.00
W	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C	LOCK	3.0x 4.0	Ctr	Ctr	0.80
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.00
M	LOCK	2.0x 4.0	Ctr	Ctr	0.00
N	LOCK	5.0x 5.0	Ctr	-0.5	0.63
P	LOCK	2.0x 4.0	Ctr	Ctr	0.00
R	LOCK	2.0x 4.0	Ctr	Ctr	0.00
T	LOCK	2.0x 4.0	Ctr	Ctr	0.00
V	LOCK	2.0x 4.0	Ctr	Ctr	0.00
X	LOCK	2.0x 4.0	Ctr	Ctr	0.00

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

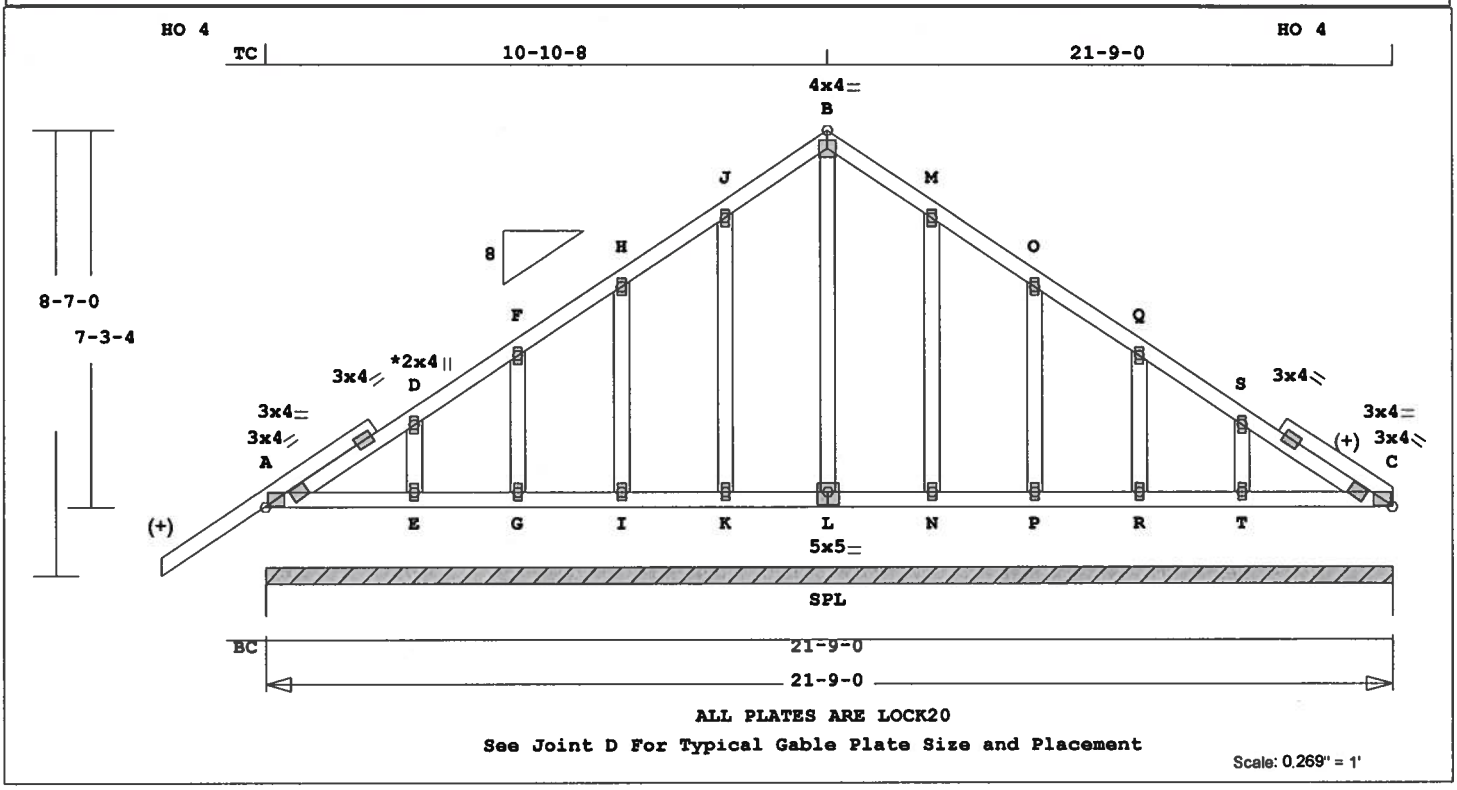
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 162 Lbs
Max tens. force 165 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
ELIXSON-WILL	C1	1	TR	210900	8	0	0	T2566273

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 166.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

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

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 9- 0
BC	Cont.	0- 0- 0	21- 9- 0

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1740	232 U	147 R

Jt	Brg Size	Required
A	261.0"	0"-to- 261"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -D	0.05	118 C	0.00 0.05
D -F	0.05	71 C	0.00 0.05
F -H	0.03	61 C	0.00 0.03
H -J	0.03	93 C	0.00 0.03
J -B	0.03	150 C	0.00 0.03
B -M	0.03	150 C	0.00 0.03
M -O	0.03	93 C	0.00 0.03
O -Q	0.03	61 C	0.00 0.03
Q -S	0.05	71 C	0.00 0.05
S -C	0.05	118 C	0.00 0.05
Bottom Chords			
A -E	0.05	11 T	0.00 0.05
E -G	0.03	0 T	0.00 0.03
G -I	0.02	0 T	0.00 0.02
I -K	0.02	0 T	0.00 0.02
K -L	0.02	0 T	0.00 0.02
L -N	0.02	0 T	0.00 0.02
N -P	0.02	0 T	0.00 0.02
P -R	0.02	0 T	0.00 0.02
R -T	0.03	0 T	0.00 0.03
T -C	0.05	11 T	0.00 0.05
Gable Webs			
E -D	0.01	155 C	
G -F	0.01	116 C	
I -H	0.03	128 C	
K -J	0.04	122 C	
L -B	0.05	98 C	
N -M	0.04	122 C	
P -O	0.03	128 C	
R -Q	0.01	116 C	
T -S	0.01	155 C	

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.75
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
J	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	4.0x 4.0	Ctr	Ctr	0.64
M	LOCK	2.0x 4.0	Ctr	Ctr	0.00
O	LOCK	2.0x 4.0	Ctr	Ctr	0.00
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.00
S	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C	LOCK	3.0x 4.0	Ctr	Ctr	0.75
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.00
L	LOCK	5.0x 5.0	Ctr	-0.5	0.59
N	LOCK	2.0x 4.0	Ctr	Ctr	0.00
P	LOCK	2.0x 4.0	Ctr	Ctr	0.00
R	LOCK	2.0x 4.0	Ctr	Ctr	0.00
T	LOCK	2.0x 4.0	Ctr	Ctr	0.00

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

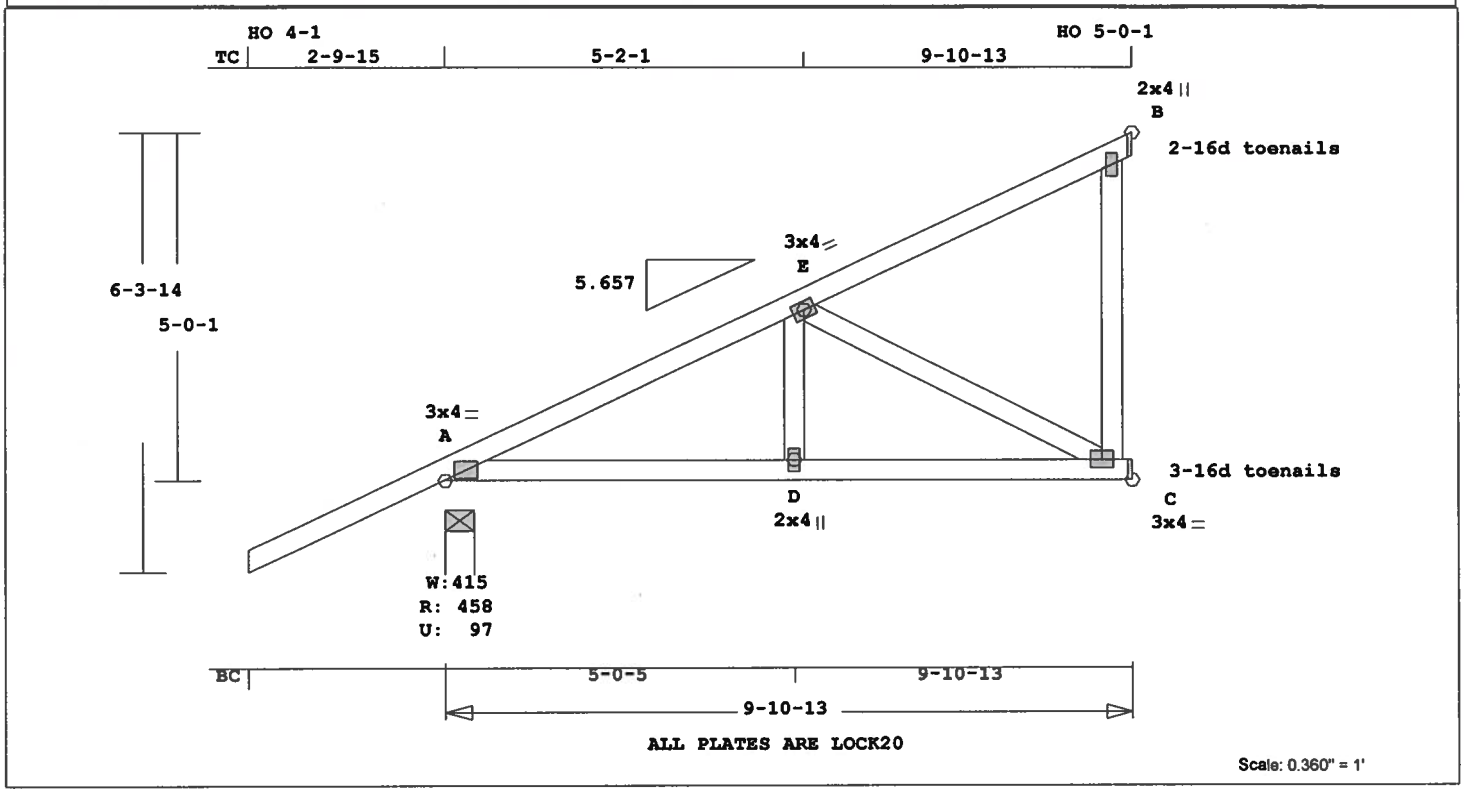
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 155 Lbs
Max tens. force 150 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
ELIXSON-WILL	CJ1	1	MONO.DD'	91013	5.657	2- 9-15	0	T2566274

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 66.9 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.25	2x 4	SP-#2
WB	0.17	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	458	97 U	119 R
C	348	16 U	
B	243	87 U	170 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 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd

Top Chords				
A -E	0.35	500 C	0.02	0.33
E -B	0.43	107 T	0.00	0.43
Bottom Chords				
A -D	0.22	472 T	0.05	0.17
D -C	0.25	472 T	0.05	0.20
Webs				
D -E	0.03	236 T		
E -C	0.17	533 C		
C -B	0.10	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 0.28

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.61
E	LOCK	3.0x 4.0	Ctr	Ctr	0.45
B	LOCK	2.0x 4.0	Ctr	Ctr	0.38
D	LOCK	2.0x 4.0	Ctr	Ctr	0.38
C	LOCK	3.0x 4.0	Ctr	Ctr	0.54

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

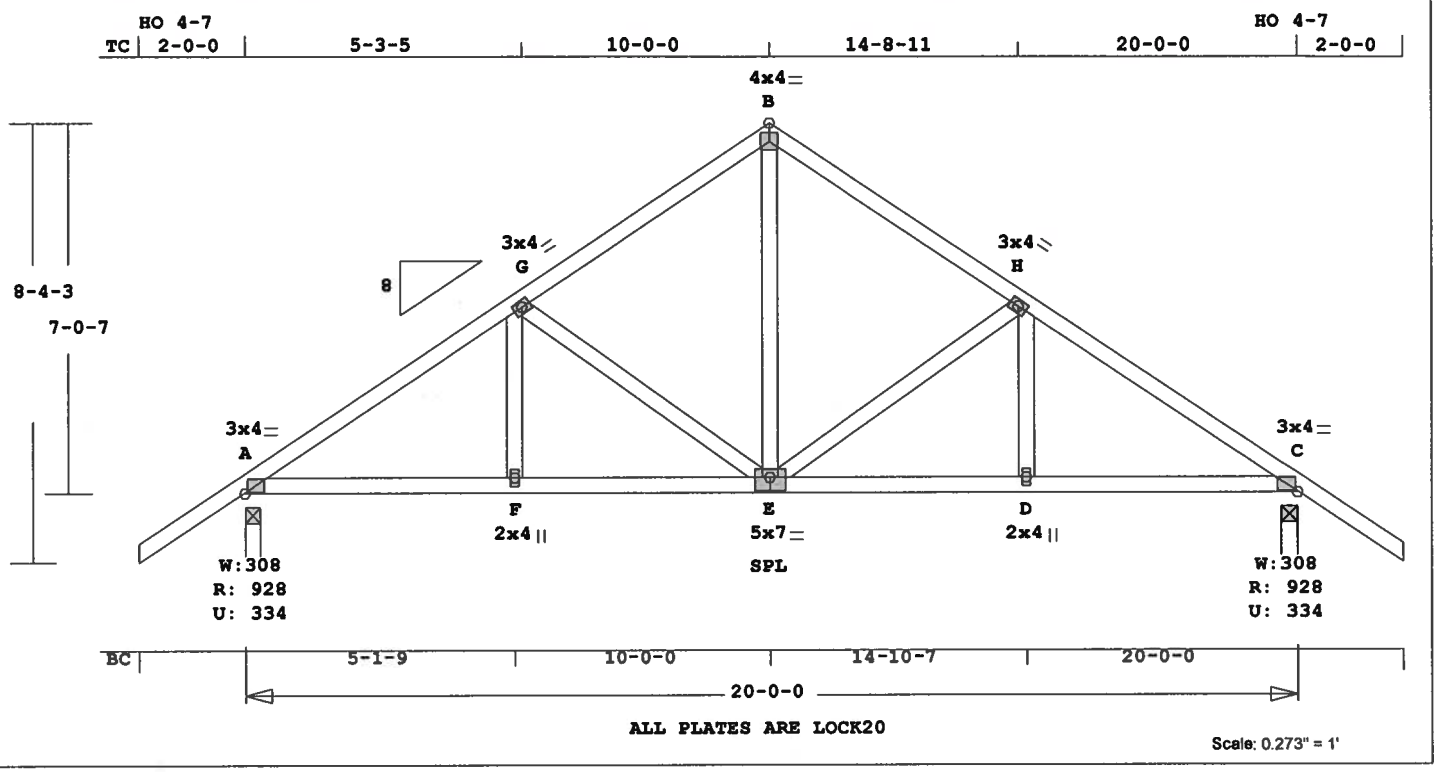
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 533 Lbs
Max tens. force 472 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
ELIXSON-WILL	D1	6	TR	'200000'	8	2- 0- 0	2- 0- 0	T2566275

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 138.5 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.28	2x 4	SP-#2
BC	0.21	2x 4	SP-#2
WB	0.36	2x 4	SP-#2

Brace truss as follows:

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

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	928	335 U	141 R
C	928	335 U	141 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 -G	0.28	1066 C	0.12	0.16
G -B	0.25	735 T	0.09	0.16
B -H	0.25	735 T	0.09	0.16
H -C	0.28	1066 C	0.12	0.16
		Bottom Chords		
A -F	0.20	891 T	0.09	0.11
F -E	0.21	891 T	0.14	0.07
E -D	0.21	890 T	0.14	0.07
D -C	0.20	890 T	0.09	0.11
		Webs		
F -G	0.03	196 T		
G -E	0.15	417 T		
E -B	0.36	663 C		
E -H	0.15	417 T		
D -H	0.03	196 T		

TL Defl -0.05" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in A -G 0.16

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.72
G	LOCK	3.0x 4.0	Ctr	Ctr	0.62
B	LOCK	4.0x 4.0	Ctr	Ctr	0.62
H	LOCK	3.0x 4.0	Ctr	Ctr	0.62
C	LOCK	3.0x 4.0	Ctr	Ctr	0.72
F	LOCK	2.0x 4.0	Ctr	Ctr	0.40
E	LOCK	5.0x 7.0	Ctr	-0.5	0.57
D	LOCK	2.0x 4.0	Ctr	Ctr	0.40

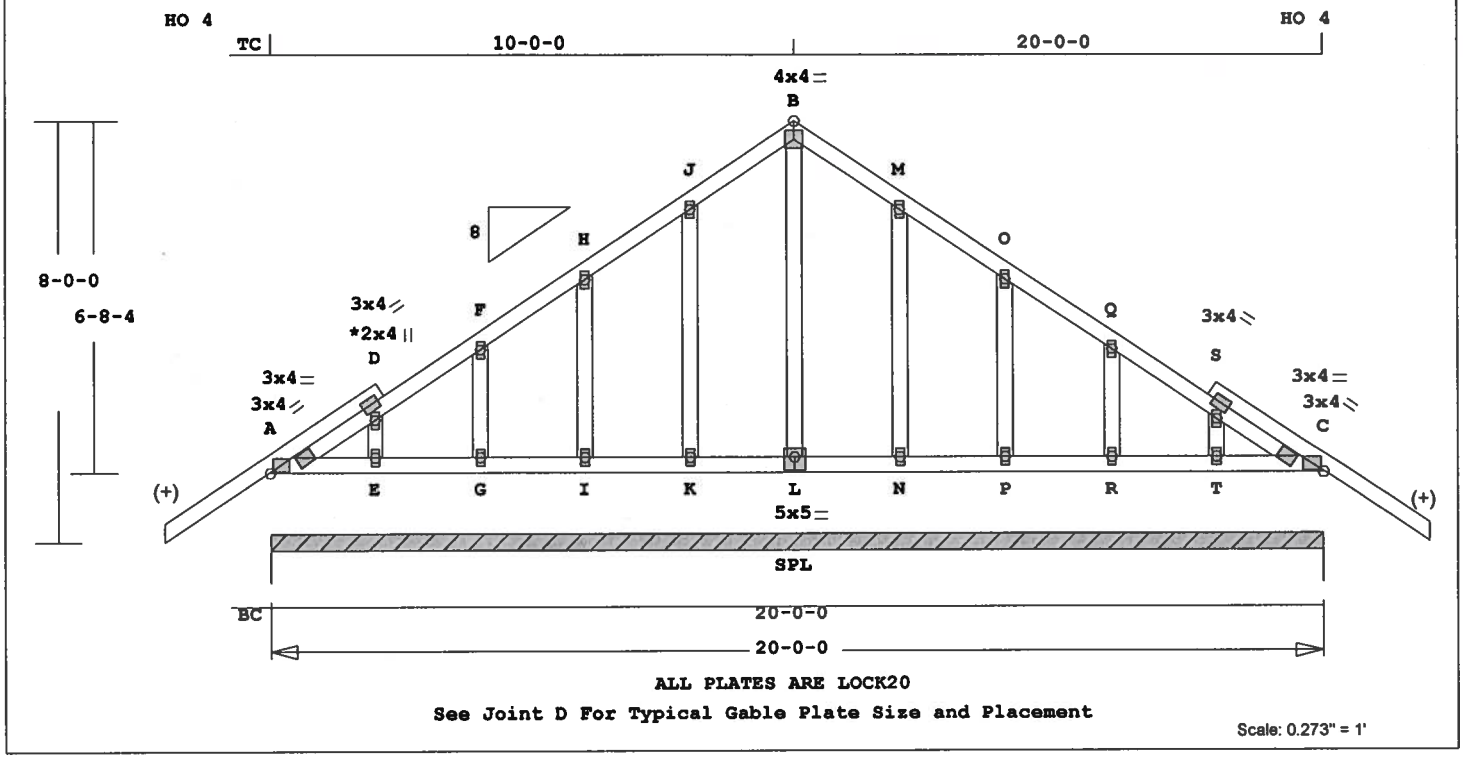
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 20- 0- 0
Max comp. force 1066 Lbs
Max tens. force 964 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
ELIXSON-WILL	D2	1	TR	200000'	8	0	0	T2566276

TONY WILLIAMS



ALL PLATES ARE LOCK20

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.273" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 154.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	Size	Lumber
TC	0.03	2x 4	SP-#2 (+)
BC	0.02	2x 4	SP-#2
GW	0.04	2x 4	SP-#2

Brace truss as follows:

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

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1600	104 U	133 R

Jt	Brg Size	Required
A	240.0"	0"-to- 240"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -D	0.03	103 C	0.00	0.03
D -F	0.03	74 C	0.00	0.03
F -H	0.03	50 C	0.00	0.03
H -J	0.03	53 C	0.00	0.03
J -B	0.03	107 T	0.00	0.03
B -M	0.03	107 T	0.00	0.03
M -O	0.03	53 C	0.00	0.03
O -Q	0.03	50 C	0.00	0.03
Q -S	0.03	74 C	0.00	0.03
S -C	0.03	103 C	0.00	0.03
Bottom Chords				
A -E	0.02	13 T	0.00	0.02
E -G	0.02	0 T	0.00	0.02
G -I	0.02	0 T	0.00	0.02
I -K	0.02	0 T	0.00	0.02
K -L	0.02	0 T	0.00	0.02
L -N	0.02	0 T	0.00	0.02
N -P	0.02	0 T	0.00	0.02
P -R	0.02	0 T	0.00	0.02
R -T	0.02	0 T	0.00	0.02
T -C	0.02	13 T	0.00	0.02
Gable Webs				
E -D	0.01	122 C		
G -F	0.01	121 C		
I -H	0.02	119 C		
K -J	0.04	123 C		
L -B	0.03	69 C		
N -M	0.04	123 C		
P -O	0.02	119 C		
R -Q	0.01	121 C		
T -S	0.01	122 C		

TL Defl 0.00" in T -C L/999
LL Defl 0.00" in E -G L/999
Shear // Grain in D -D 0.06

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.72
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
J	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	4.0x 4.0	Ctr	Ctr	0.62
M	LOCK	2.0x 4.0	Ctr	Ctr	0.00
O	LOCK	2.0x 4.0	Ctr	Ctr	0.00
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.00
S	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C	LOCK	3.0x 4.0	Ctr	Ctr	0.72
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.00
L	LOCK	5.0x 5.0	Ctr	-0.5	0.57
N	LOCK	2.0x 4.0	Ctr	Ctr	0.00
P	LOCK	2.0x 4.0	Ctr	Ctr	0.00
R	LOCK	2.0x 4.0	Ctr	Ctr	0.00
T	LOCK	2.0x 4.0	Ctr	Ctr	0.00

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

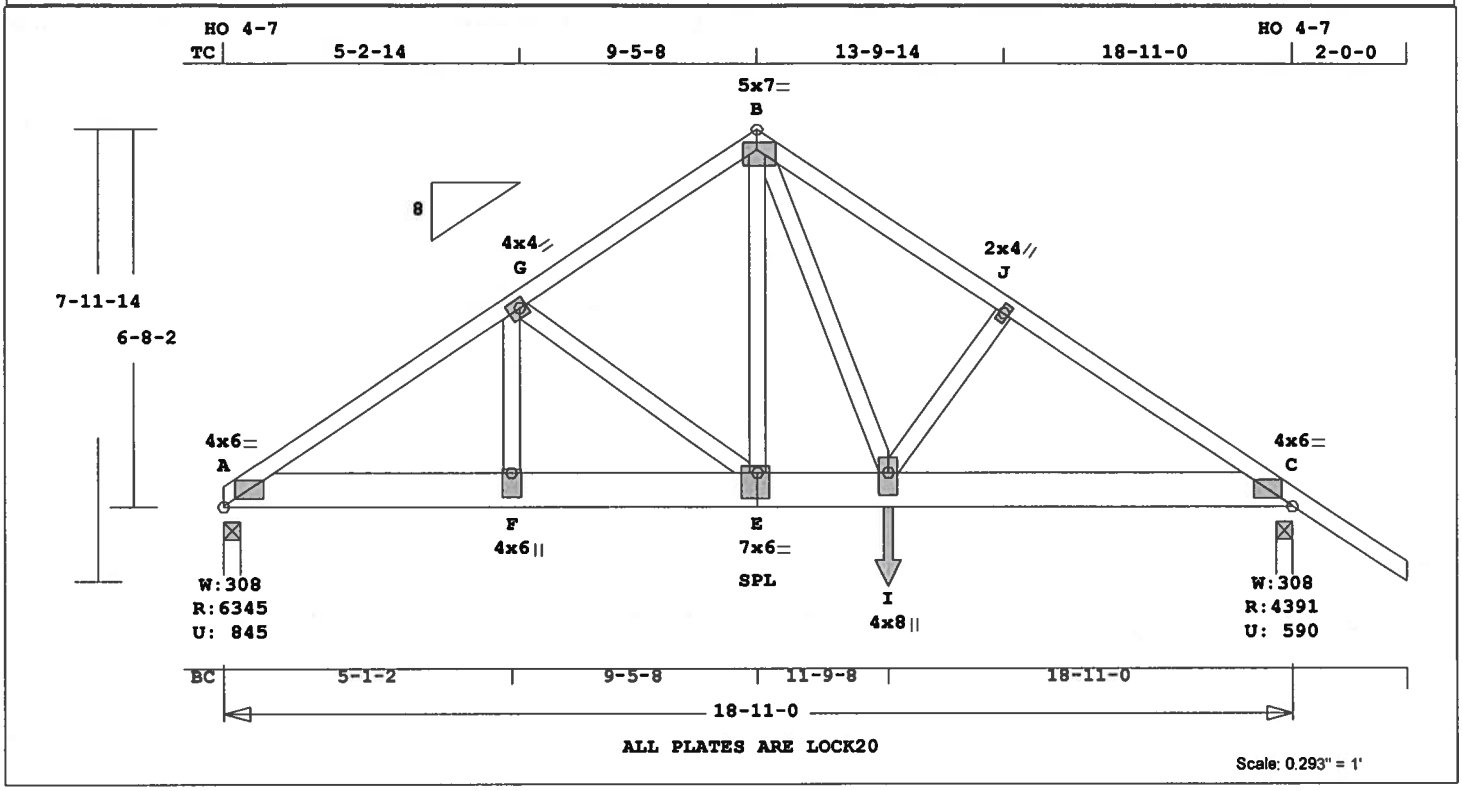
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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: Open
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 123 Lbs
Max tens. force 107 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
ELIXSON-WILL	E1	1*2P	TR	181100'	8	0	2- 0- 0	T2566277

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.4 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.86	2x 8	SP-#2
WB	0.36	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	18-11- 0
BC	Cont.	0- 0- 0	18-11- 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	6346	845 U	131 R
C	4391	590 U	130 R

Jt	Brg Size	Required
A	3.5"	3.5"
C	3.5"	2.6"

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

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	18.9'
BC V	20	0	0.0'	18.9'
BC V	293	293	0.0'	10.9'
BC V	1346	1346	11.8'	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 -G	0.47	8579 C	0.22 0.25
G -B	0.35	5800 C	0.08 0.27
B -J	0.32	7096 C	0.14 0.18
J -C	0.25	7235 C	0.15 0.10
--------Bottom Chords---------			
A -F	0.86	7152 T	0.40 0.46
F -E	0.64	7152 T	0.40 0.24
E -I	0.42	4787 T	0.27 0.15
I -C	0.44	6026 T	0.34 0.10
------------Webs------------			
F -G	0.28	3120 T	
G -E	0.18	2877 C	
E -B	0.36	3943 T	
B -I	0.28	3120 T	
I -J	0.01	255 C	

TL Defl -0.17" in F -E L/999
LL Defl -0.08" in F -E L/999
Shear // Grain in A -F 0.52

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.99
G	LOCK	4.0x 4.0	-0.4	-0.3	0.82
B	LOCK	5.0x 7.0	0.5	-1.0	0.95
J	LOCK	2.0x 4.0	Ctr	Ctr	0.37
C	LOCK	4.0x 6.0	Ctr	Ctr	0.84
F	LOCK	4.0x 6.0	Ctr	-2.2	0.85
E	LOCK	7.0x 6.0	-0.5	-2.0	0.88
I	LOCK	4.0x 8.0	Ctr	-0.8	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
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

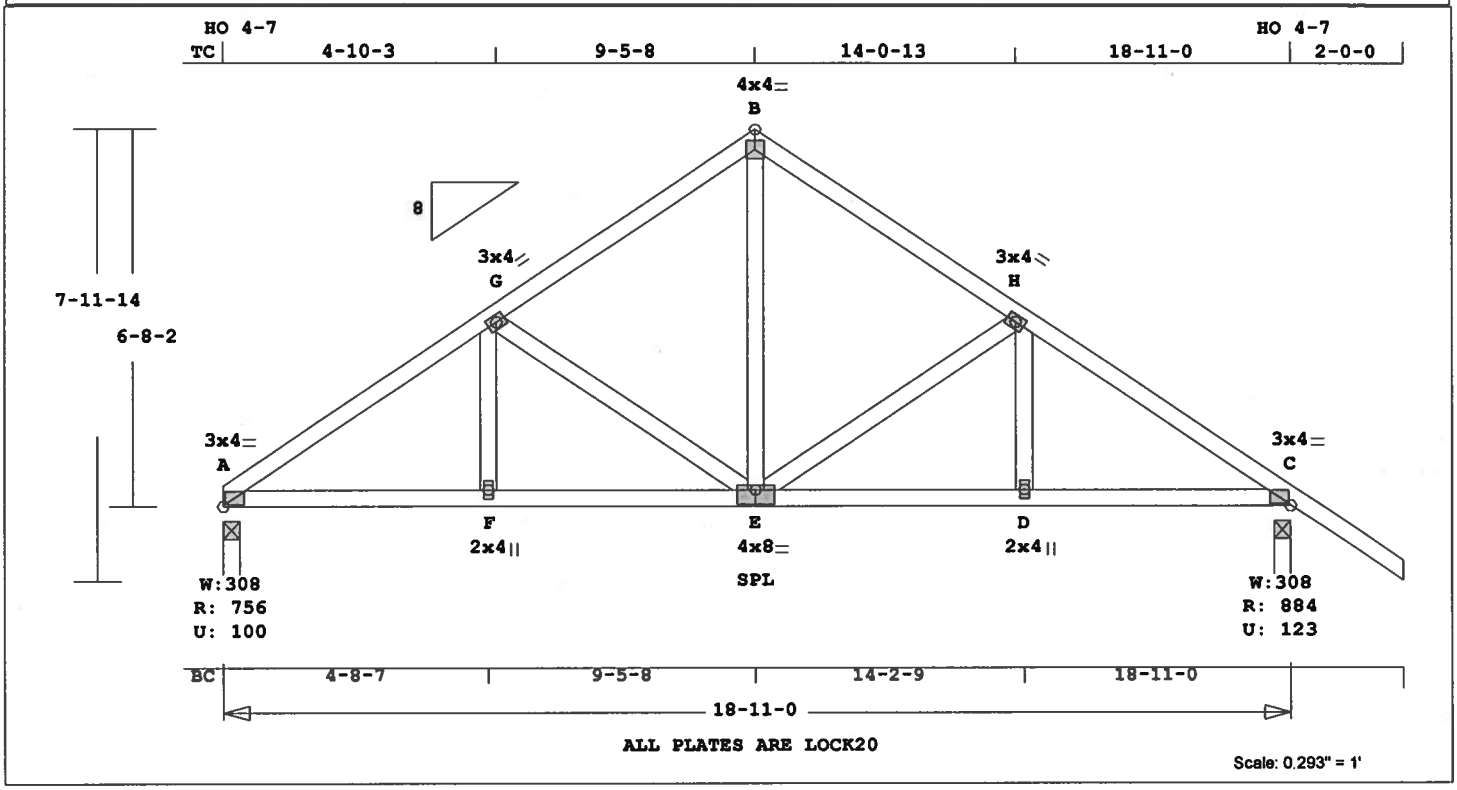
	----Spacing (In)----		
	Rows	Nails	Screws	Bolts
TC	1	12	24	0
BC	2	12	23.5	0
WB	1	8	8	

Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 8579 Lbs
Max tens. force 7152 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
ELIXSON-WILL	E2	2	TR	181100'	8	0	2- 0- 0	T2566278

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 126.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.19	2x 4	SP-#2
BC	0.21	2x 4	SP-#2
WB	0.13	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	18-11- 0
BC	Cont.	0- 0- 0	18-11- 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	757	101 U	132 R
C	885	123 U	132 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 -G	0.19	1012 C	0.00 0.19
G -B	0.19	684 C	0.00 0.19
B -H	0.19	684 C	0.00 0.19
H -C	0.19	1012 C	0.00 0.19
Bottom Chords			
A -F	0.18	846 T	0.14 0.04
F -E	0.21	846 T	0.14 0.07
E -D	0.21	846 T	0.14 0.07
D -C	0.18	846 T	0.14 0.04
Webs			
F -G	0.02	182 T	
G -E	0.13	338 C	
E -B	0.08	477 T	
E -H	0.13	338 C	
D -H	0.02	182 T	

TL Defl -0.05" in E -D L/999
LL Defl -0.02" in E -D L/999
Shear // Grain in G -B 0.16

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.71
G	LOCK	3.0x 4.0	Ctr	Ctr	0.60
B	LOCK	4.0x 4.0	Ctr	Ctr	0.60
H	LOCK	3.0x 4.0	Ctr	Ctr	0.60
C	LOCK	3.0x 4.0	Ctr	Ctr	0.71
F	LOCK	2.0x 4.0	Ctr	Ctr	0.40
E	LOCK	4.0x 8.0	Ctr	-1.0	0.56
D	LOCK	2.0x 4.0	Ctr	Ctr	0.40

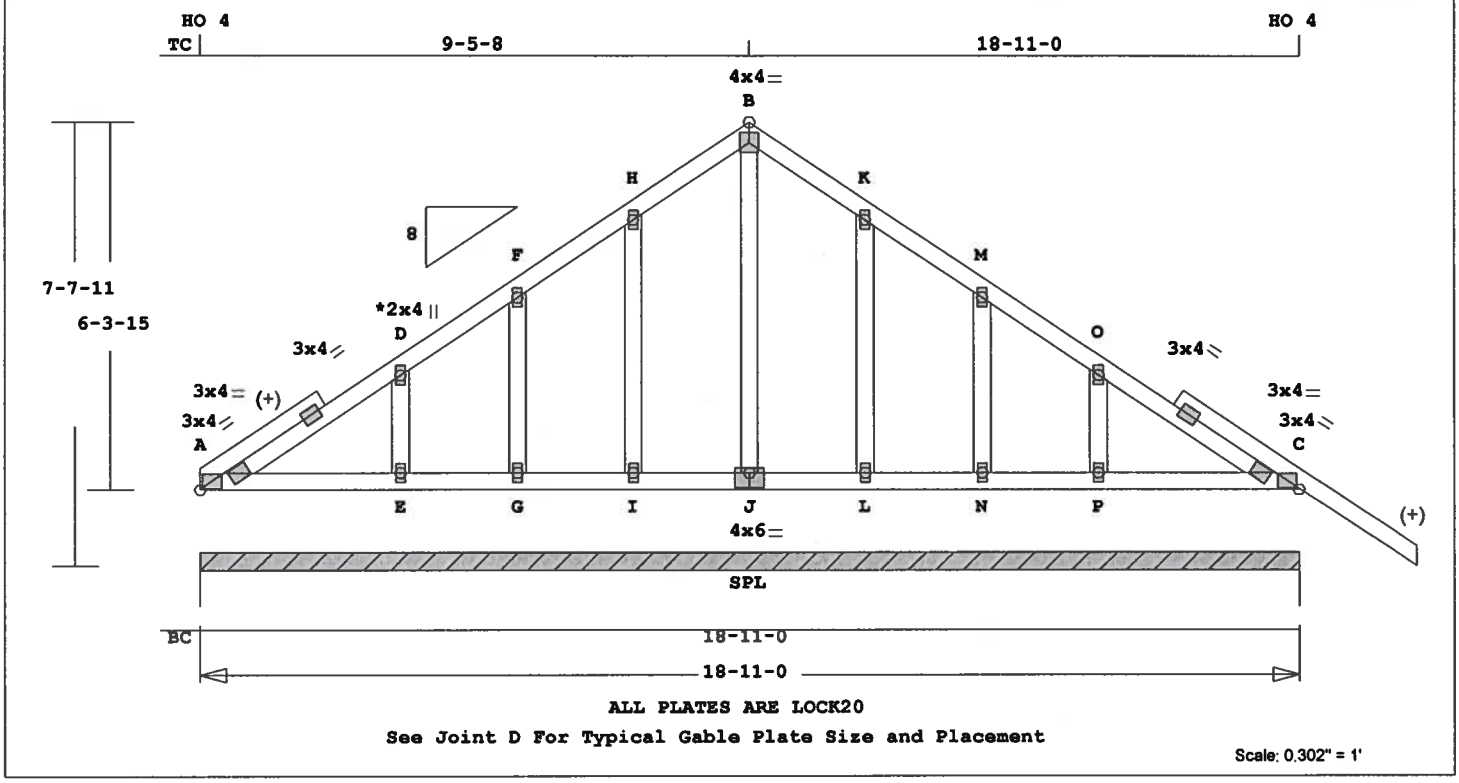
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 1012 Lbs
Max tens. force 846 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
ELIXSON-WILL	E3	1	TR	181100'	8	0	0	T2566279

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 137.2 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.07	2x 4	SP-#2 (+)
BC	0.06	2x 4	SP-#2
GW	0.04	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	18-11- 0
BC	Cont.	0- 0- 0	18-11- 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	1513	202 U	125 R

Jt	Brg Size	Required
A	227.0"	0"-to- 227"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.07	79 C	0.00 0.07
D -F	0.07	101 C	0.00 0.07
F -H	0.03	104 C	0.00 0.03
H -B	0.03	163 C	0.00 0.03
B -K	0.03	163 C	0.00 0.03
K -M	0.03	104 C	0.00 0.03
M -O	0.07	101 C	0.00 0.07
O -C	0.07	79 C	0.00 0.07
--------Bottom Chords---------			
A -E	0.06	8 T	0.00 0.06
E -G	0.05	0 T	0.00 0.05
G -I	0.02	0 T	0.00 0.02
I -J	0.02	0 T	0.00 0.02
J -L	0.02	0 T	0.00 0.02
L -N	0.02	0 T	0.00 0.02
N -P	0.05	0 T	0.00 0.05
P -C	0.06	8 T	0.00 0.06
----------Gable Webs----------			
E -D	0.01	181 C	
G -F	0.01	110 C	
I -H	0.03	125 C	
J -B	0.04	97 C	
L -K	0.03	125 C	
N -M	0.01	110 C	
P -O	0.01	181 C	

TL Defl -0.01" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 0.11

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.71
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	4.0x 4.0	Ctr	Ctr	0.60
K	LOCK	2.0x 4.0	Ctr	Ctr	0.00
M	LOCK	2.0x 4.0	Ctr	Ctr	0.00
O	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C	LOCK	3.0x 4.0	Ctr	Ctr	0.71
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
J	LOCK	4.0x 6.0	Ctr	-1.0	0.56
L	LOCK	2.0x 4.0	Ctr	Ctr	0.00
N	LOCK	2.0x 4.0	Ctr	Ctr	0.00
P	LOCK	2.0x 4.0	Ctr	Ctr	0.00

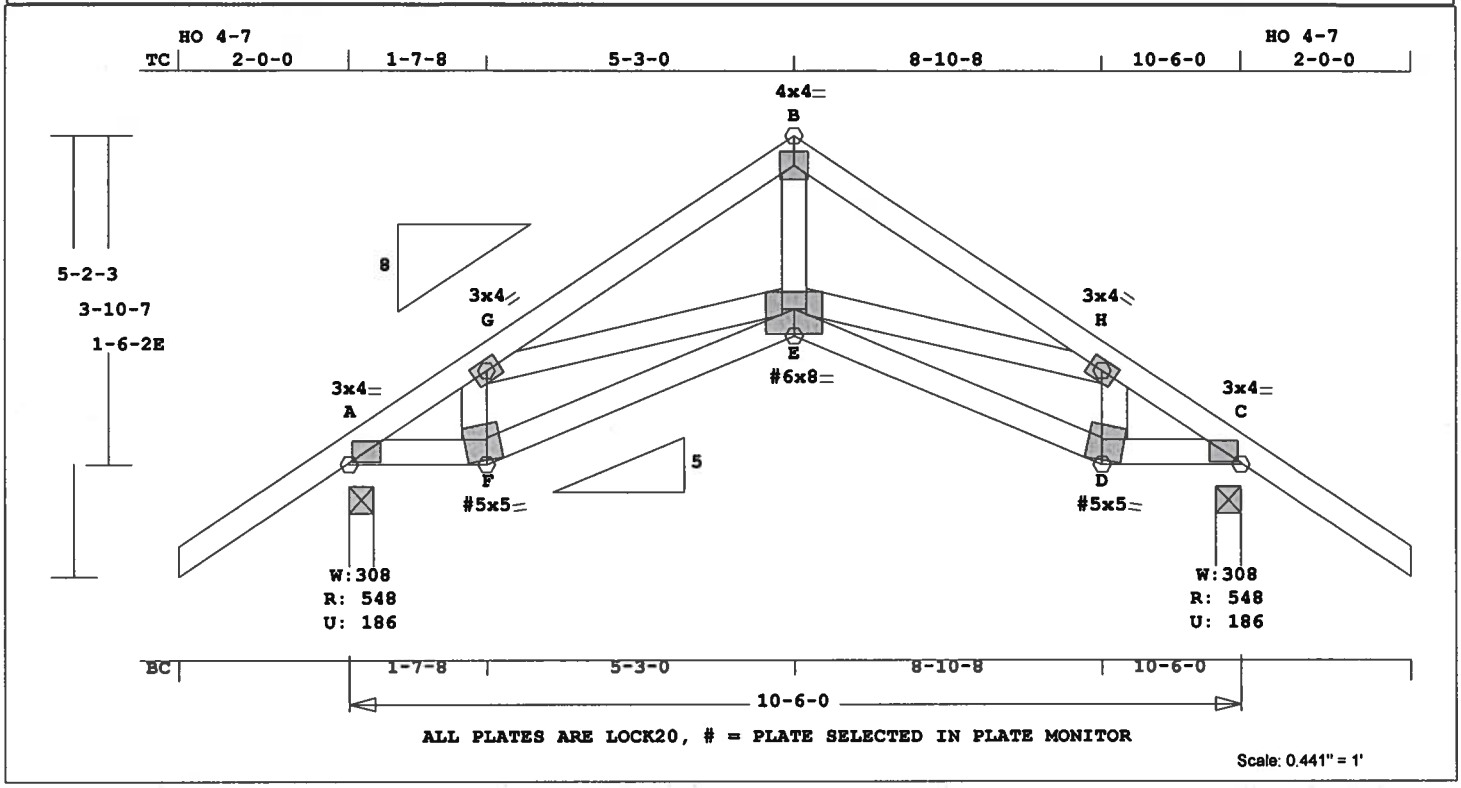
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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 181 Lbs
Max tens. force 148 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
ELIXSON-WILL	F1	2	CA55	100600'	8	2- 0- 0	2- 0- 0	T2566280

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 75.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.15	2x 4	SP-#2
BC	0.13	2x 4	SP-#2
WB	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	10- 6- 0
BC	Cont.	0- 0- 0	10- 6- 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	548	186 U	70 R
C	548	186 U	70 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 -G	0.13	674 T	0.08	0.05
G -B	0.15	661 C	0.08	0.07
B -H	0.15	661 C	0.08	0.07
H -C	0.13	674 T	0.08	0.05
Bottom Chords				
A -F	0.12	535 C	0.08	0.04
F -E	0.13	535 T	0.09	0.04
E -D	0.13	535 T	0.09	0.04
D -C	0.12	535 C	0.08	0.04
Webs				
F -G	0.01	184 C		
G -E	0.01	109 T		
E -B	0.09	562 C		
E -H	0.01	109 T		
D -H	0.01	184 C		

TL Defl -0.03" in E -D L/999
LL Defl -0.01" in E -D L/999

Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.02"

Shear // Grain in G -B 0.11

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.49
B	LOCK	4.0x 4.0	Ctr	Ctr	0.49
H	LOCK	3.0x 4.0	Ctr	Ctr	0.49
C	LOCK	3.0x 4.0	Ctr	Ctr	0.58
F#	LOCK	5.0x 5.0	-0.6	3.1	0.41
E#	LOCK	6.0x 8.0	Ctr	-0.5	0.42
D#	LOCK	5.0x 5.0	0.5	3.1	0.40

\# = Plate Monitor used

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

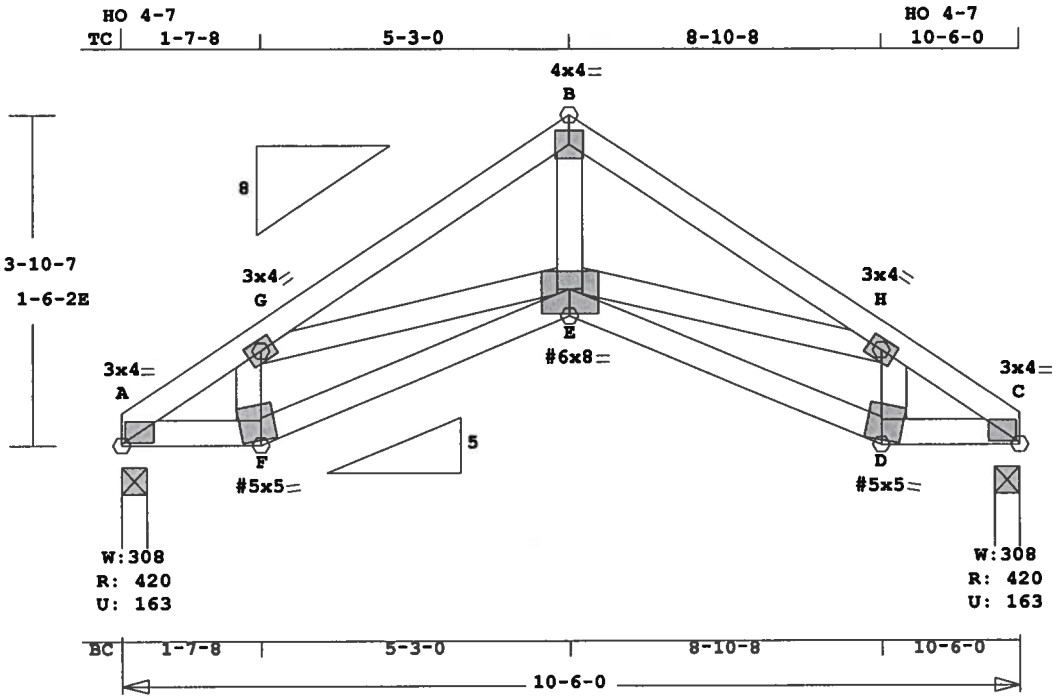
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

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
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 10- 6- 0
Max comp. force 661 Lbs
Max tens. force 674 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
ELIXSON-WILL	F2	3	CA55	100600'	8	0	0	T2566281

TONY WILLIAMS



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

Scale: 0.443" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 66.0 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.15	2x 4	SP-#2
BC	0.13	2x 4	SP-#2
WB	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	10- 6- 0
BC	Cont.	0- 0- 0	10- 6- 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	420	164 U	70 R
C	420	164 U	70 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 -G	0.13	674 T	0.08	0.05
G -B	0.15	661 C	0.08	0.07
B -H	0.15	661 C	0.08	0.07
H -C	0.13	674 T	0.08	0.05
Bottom Chords				
A -F	0.12	535 C	0.08	0.04
F -E	0.13	535 T	0.09	0.04
E -D	0.13	535 T	0.09	0.04
D -C	0.12	535 C	0.08	0.04
Webs				
F -G	0.01	184 C		
G -E	0.01	109 T		
E -B	0.09	562 C		
E -H	0.01	109 T		
D -H	0.01	184 C		

TL Defl -0.03" in E -D L/999
LL Defl -0.01" in E -D L/999

Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.02"

Shear // Grain in G -B 0.11

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.49
B	LOCK	4.0x 4.0	Ctr	Ctr	0.49
H	LOCK	3.0x 4.0	Ctr	Ctr	0.49
C	LOCK	3.0x 4.0	Ctr	Ctr	0.58
F#	LOCK	5.0x 5.0	-0.6	3.1	0.41
E#	LOCK	6.0x 8.0	Ctr-0.5		0.42
D#	LOCK	5.0x 5.0	0.5	3.1	0.40

= Plate Monitor used

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

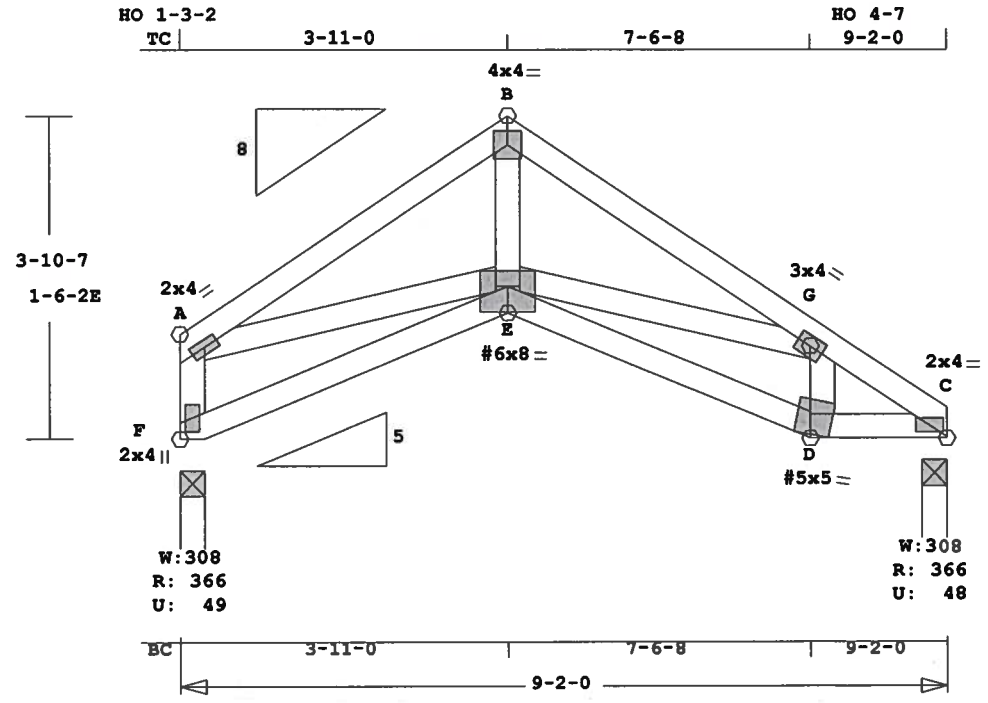
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
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
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 10- 6- 0
Max comp. force 661 Lbs
Max tens. force 674 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-Hl	Left OH	Right OH	Engineering
ELIXSON-WILL	F3	2	SP	90200	8	0	0	T2566282

TONY WILLIAMS



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

Scale: 0.433" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 60.6 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.14	2x 4	SP-#2
BC	0.16	2x 4	SP-#2
WB	0.08	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	9- 2- 0
BC	Cont.	0- 0- 0	9- 2- 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-
F	367	49 U	85 R
C	367	48 U	68 R

Jt	Brg Size	Required
F	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	0.14	523 C	0.00 0.14
B -G	0.11	528 C	0.00 0.11
G -C	0.08	482 C	0.02 0.06
Bottom Chords			
F -E	0.11	77 T	0.00 0.11
E -D	0.16	445 T	0.07 0.09
D -C	0.09	406 T	0.06 0.03

Webs

F -A	0.03	317 C	WindLd
A -E	0.08	448 T	
E -B	0.06	354 T	
E -G	0.01	134 T	
D -G	0.01	167 C	

TL Defl -0.03" in F -E L/999
LL Defl -0.01" in F -E L/999

Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.01"

Shear // Grain in A -B 0.13

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.79
B	LOCK	4.0x 4.0	Ctr	Ctr	0.47
G	LOCK	3.0x 4.0	Ctr	Ctr	0.47
C	LOCK	2.0x 4.0	Ctr	Ctr	0.68
F	LOCK	2.0x 4.0	Ctr	Ctr	0.38
E#	LOCK	6.0x 8.0	Ctr	-0.7	0.38
D#	LOCK	5.0x 5.0	0.6	3.0	0.38

\# = Plate Monitor used

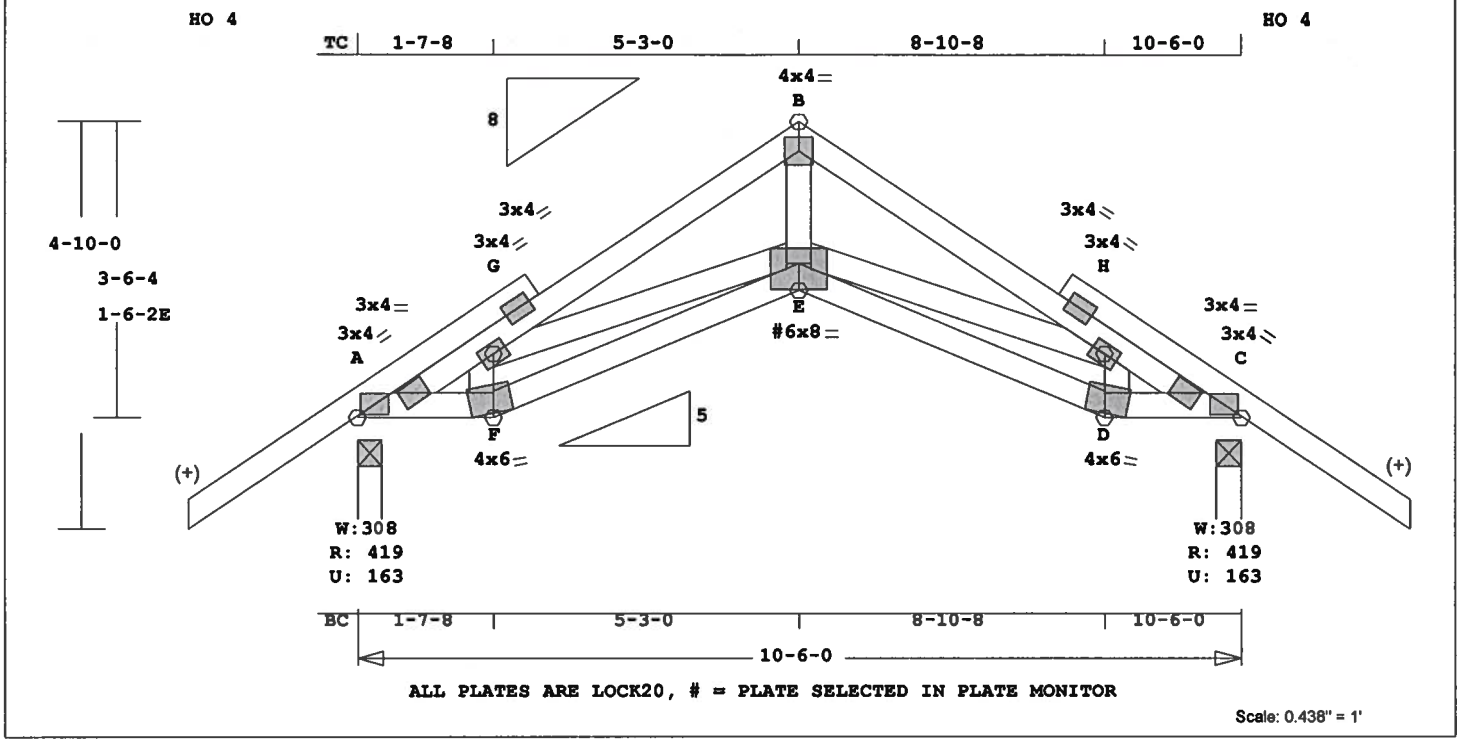
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 528 Lbs
Max tens. force 448 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
ELIXSON-WILL	F4	1	CA55	100600	8	0	0	T2566283

TONY WILLIAMS



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

Scale: 0.436" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 80.8 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.20	2x 4	SP-#2 (+)
BC	0.21	2x 4	SP-#2
WB	0.11	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	10- 6- 0
BC	Cont.	0- 0- 0	10- 6- 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	420	164 U	62 R
C	420	164 U	62 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 -G	0.20	795 T	0.10	0.10
G -B	0.19	786 C	0.09	0.10
B -H	0.19	786 C	0.09	0.10
H -C	0.20	795 T	0.10	0.10
Bottom Chords				
A -F	0.21	749 C	0.11	0.10
F -E	0.16	762 C	0.12	0.04
E -D	0.16	762 C	0.12	0.04
D -C	0.21	749 C	0.11	0.10
Webs				
F -G	0.04	380 C		
G -E	0.03	215 T		
E -B	0.11	669 C		
E -H	0.03	215 T		
D -H	0.04	380 C		

TL Defl -0.05" in F -E L/999
LL Defl -0.02" in F -E L/999

Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.03"

Shear // Grain in F -F 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.49
B	LOCK	4.0x 4.0	Ctr	Ctr	0.49
H	LOCK	3.0x 4.0	Ctr	Ctr	0.49
C	LOCK	3.0x 4.0	Ctr	Ctr	0.58
F	LOCK	4.0x 6.0	-0.5	2.5	0.39
E#	LOCK	6.0x 8.0	Ctr	-0.7	0.40
D	LOCK	4.0x 6.0	0.5	2.5	0.39

= Plate Monitor used

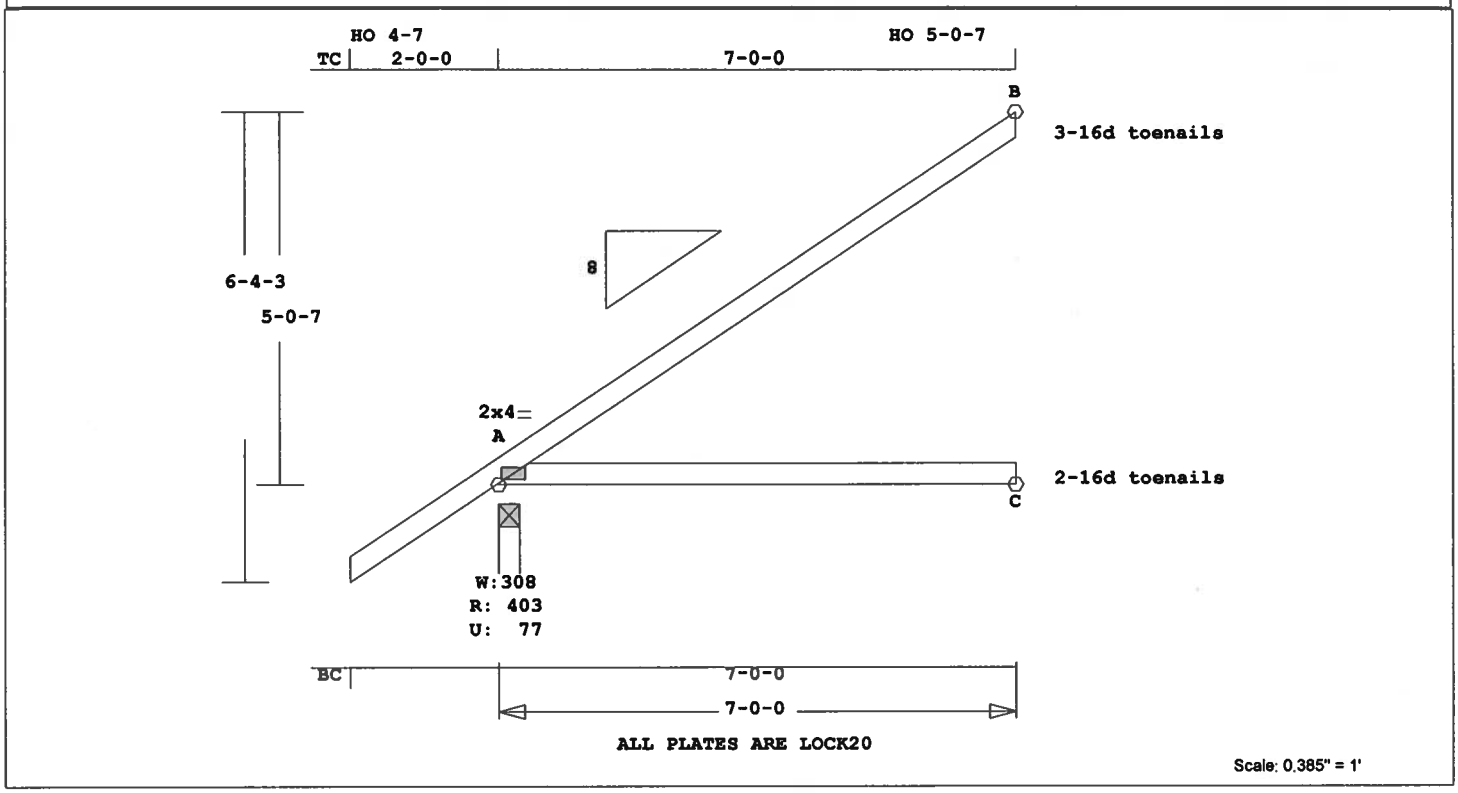
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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.
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
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 10- 6- 0
Max comp. force 786 Lbs
Max tens. force 795 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
ELIXSON-WILL	J1	24	JCA2	70000'	8	2- 0- 0	0	T2566284

TONY WILLIAMS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 34.0 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

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

Brace truss as follows:

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

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	404	78 U	228 R
C	133		
B	213	104 U	97 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	0.47	124 C	0.00 0.47
B -B	0.00	4 C	

Bottom Chords			
A -C	0.35	0 T	0.00 0.35

TL Defl -0.19" in A -C L/415
LL Defl -0.08" in A -C L/999
Shear // Grain in A -B 0.22

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.64

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

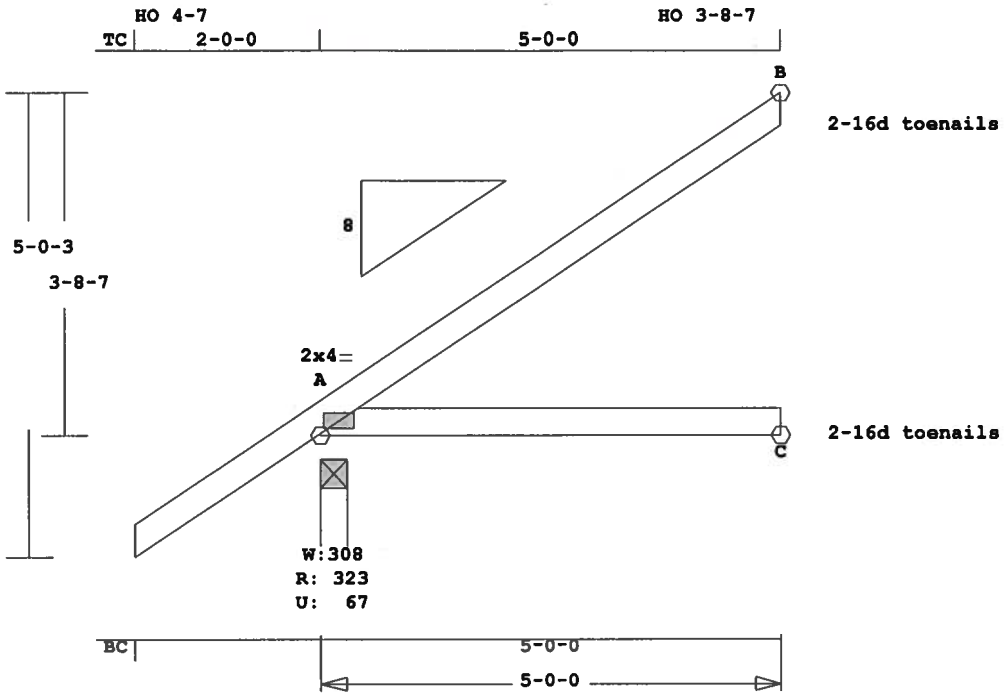
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 124 Lbs
Max tens. force 98 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
ELIXSON-WILL	J2	2	JCA2	50000'	8	2- 0- 0	0	T2566285

TONY WILLIAMS



Scale: 0.479" = 1'

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

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.22	2x 4	SP-#2
BC	0.16	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	324	68 U	168 R
C	95		
B	158	76 U	69 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	0.22	93 C	0.00 0.22
B -B	0.00	4 C	

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

A -C	0.16	0 T	0.00	0.16

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.14

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.60

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

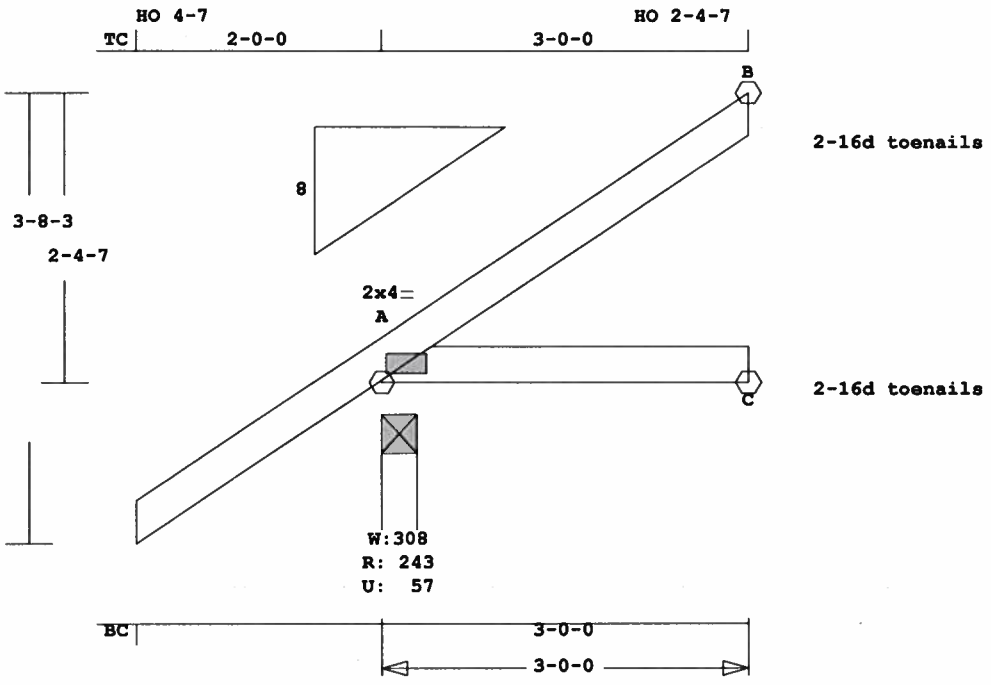
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
~~OH Loading~~
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 93 Lbs
Max tens. force 73 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
ELIXSON-WILL	J3	2	JCA2	30000'	8	2- 0- 0	0	T2566286

TONY WILLIAMS



Scale: 0.637" = 1'

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

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.06	2x 4	SP-#2
BC	0.05	2x 4	SP-#2

Brace truss as follows:

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

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	243	57 U	100 R
C	57		
B	99	48 U	41 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	0.06	58 C	0.00 0.06
B -B	0.00	4 C	

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

A -C	0.05	0 T	0.00	0.05

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.59

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

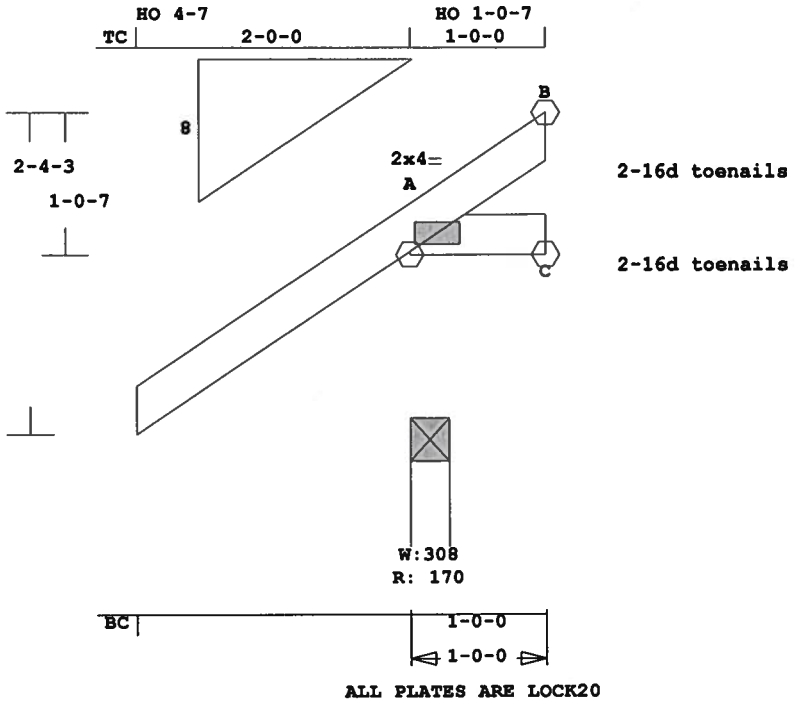
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 58 Lbs
Max tens. force 46 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
ELIXSON-WILL	J4	2	JCA2	10000'	8	2- 0- 0	0	T2566287

TONY WILLIAMS



Scale: 0.710" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 9.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

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

Brace truss as follows:

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

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	170		32 R
B	33	16 U	
C	14		13 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	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.00	18 C	
--------Bottom Chords---------			
A -C	0.00	13 T	

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.02

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
A LOCK	2.0x 4.0	Ctr	Ctr	0.59

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

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

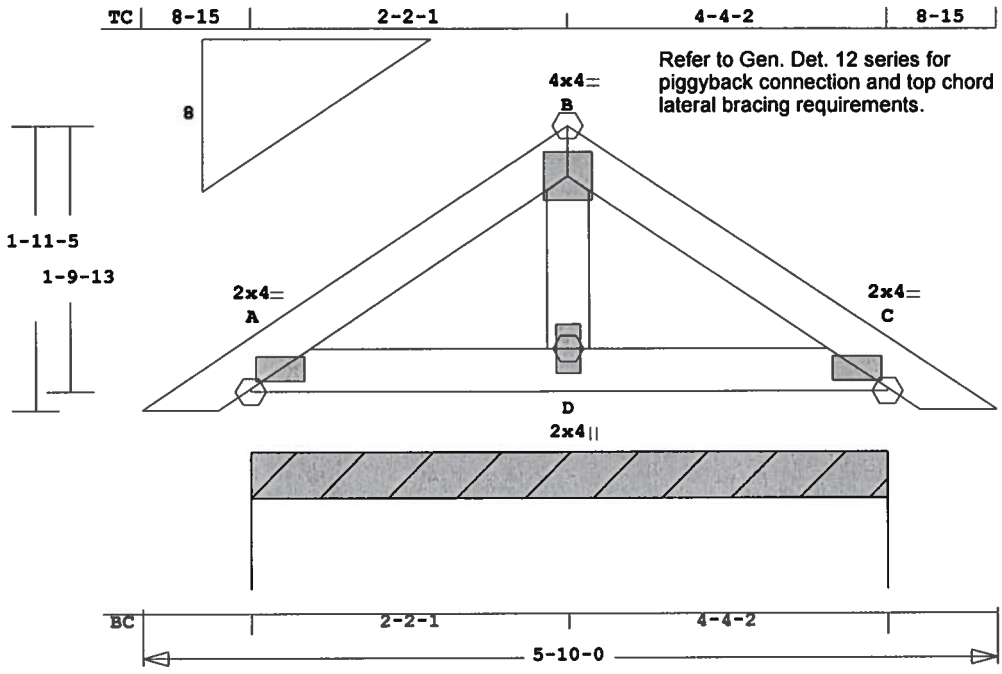
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 18 Lbs
Max tens. force 15 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
ELIXSON-WILL	P1	21	TR	51000	8	8-15	8-15	T2566288

TONY WILLIAMS



ALL PLATES ARE LOCK20

Scale: 0.760" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.02	2x 4	SP-#2
BC	0.02	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5-10- 0
BC	Cont.	0- 0- 0	5-10- 0

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	376	51 U	27 R

Jt	Brg Size	Required
A	52.1"	0"-to- 52"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.02	75 C	0.00	0.02
B -C	0.02	75 C	0.00	0.02
--------Bottom Chords----------				
A -D	0.02	1 T	0.00	0.02
D -C	0.02	1 T	0.00	0.02

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

D -B	0.00	35 C	

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.59
B	LOCK	4.0x 4.0	Ctr	Ctr	0.42
C	LOCK	2.0x 4.0	Ctr	Ctr	0.59
D	LOCK	2.0x 4.0	Ctr	Ctr	0.38

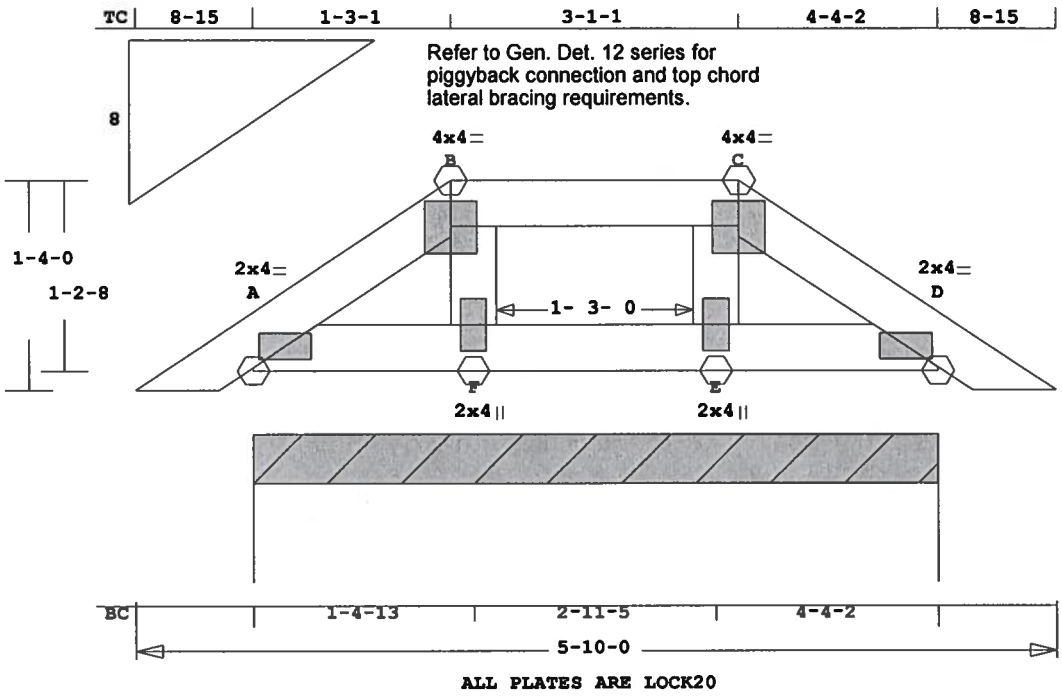
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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.
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 75 Lbs
Max tens. force 59 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
ELIXSON-WILL	P2	2	HIPP	51000	8	8-15	8-15	T2566289

TONY WILLIAMS



Scale: 0.819" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.1 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

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

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5-10- 0
BC	Cont.	0- 0- 0	5-10- 0

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

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	376	51 U	15 R

Jt	Brg Size	Required
A	52.1"	0"-to- 52"

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

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.00	44 C	
B -C	0.02	56 T	0.00 0.02
C -D	0.00	44 C	
--------Bottom Chords---------			
A -F	0.01	1 T	0.00 0.01
F -E	0.01	0 T	0.00 0.01
E -D	0.01	1 T	0.00 0.01
----------Webs----------			
F -B	0.01	89 T	
E -C	0.01	89 T	

TL Defl 0.00" in F -E L/999
LL Defl 0.00" in F -E L/999
Shear // Grain in B -C 0.06

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.59
B	LOCK	4.0x 4.0	Ctr	Ctr	0.58
C	LOCK	4.0x 4.0	Ctr	Ctr	0.58
D	LOCK	2.0x 4.0	Ctr	Ctr	0.59
F	LOCK	2.0x 4.0	Ctr	Ctr	0.38
E	LOCK	2.0x 4.0	Ctr	Ctr	0.38

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

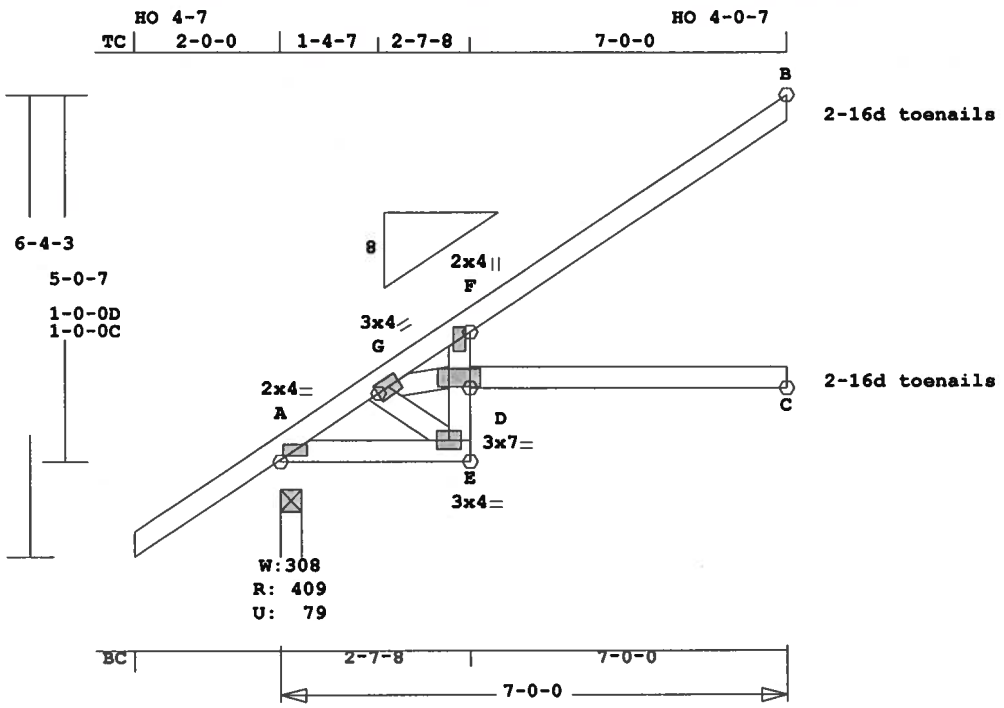
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
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 61 Lbs
Max tens. force 89 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
ELIXSON-WILL	VJ1	6	SP	70000'	8	2- 0- 0	0	T2566290

TONY WILLIAMS



Scale: 0.377" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 40.7 LBS

Online Plus -- Version 21.0.032
RUN DATE: 05-JUN-07

	CSI	-Size-	----Lumber----
TC	0.38	2x 4	SP-#2
BC	0.54	2x 4	SP-#2
CW	0.20	2x 4	SP-#2
WB	0.01	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	410	79 U	228 R
C	126	6 U	
B	179	82 U	97 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	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 -G	0.02	353 C	0.00 0.02
G -F	0.22	222 C	0.00 0.22
F -B	0.38	97 C	0.00 0.38
--------Bottom Chords---------			
A -E	0.05	306 T	0.04 0.01
E -D	0.18	52 T	0.00 0.18
D -C	0.54	0 T	0.00 0.54
----------Chord-Webs----------			
E -D	0.20	52 T	0.00 0.20
D -F	0.20	152 T	0.01 0.19
------------Webs-------------			
G -E	0.01	128 C	
G -D	0.00	60 C	

TL Defl	-0.21" in D -C	L/380	
LL Defl	-0.10" in D -C	L/792	
Hz Disp	LL	DL	TL
Jt C	0.04"	0.04"	0.07"
Shear // Grain		in F -B	0.17

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.63
G	LOCK	3.0x 4.0	Ctr	Ctr	0.39
F	LOCK	2.0x 4.0	Ctr	Ctr	0.13
E	LOCK	3.0x 4.0	Ctr	Ctr	0.77
D	LOCK	3.0x 7.0	Ctr	Ctr	0.41

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

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

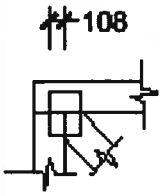
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 353 Lbs
Max tens. force 306 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 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.

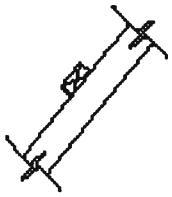
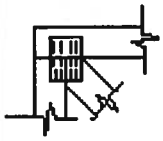


PLATE SIZE AND ORIENTATION

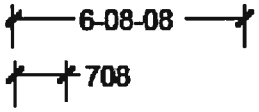
3x5 ||

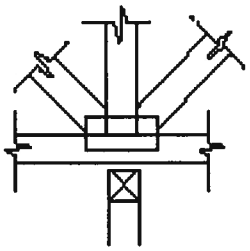


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

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





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

BEARING

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

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

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

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

Robbins Engineering, Inc.

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Tampa, Fl 33610-4115
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www.robbinseng.com

STATE OF FLORIDA
DEPARTMENT OF HEALTH

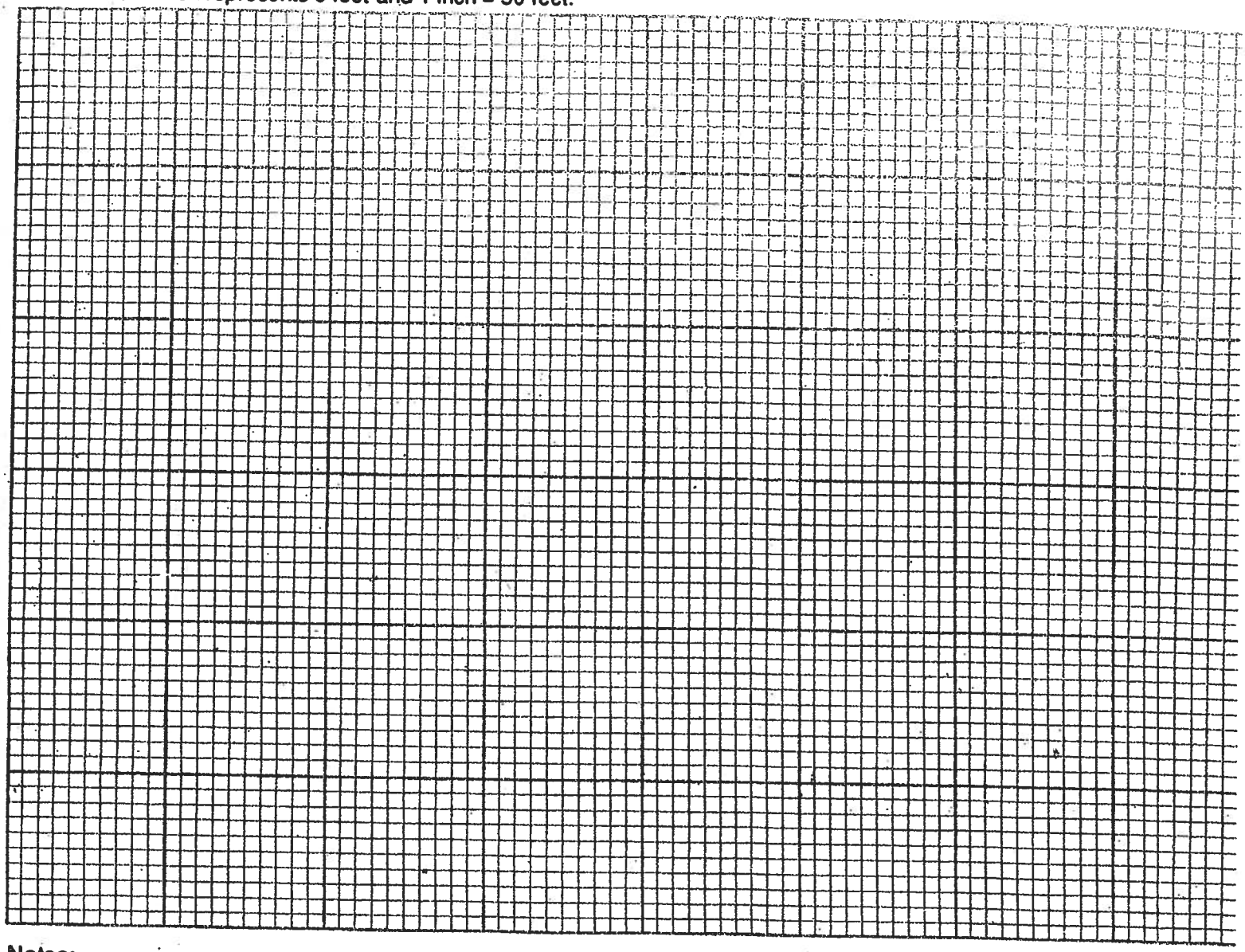
26182

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number D9-0380

PART II - SITE PLAN

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



Notes: SE Attached

Site Plan submitted by: [signature] Signature 7/14/03 Owner Title

Plan Approved ✓ Not Approved ____ Date 7-14-03

By Sallie Ford · Columbia · EH Director County Health Departm

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/99 (Replaces HRS-H Form 4015 which may be used)

Notice of Preventative Treatments for Termites

SHEFFIELD PEST CONTROL
904-964-9111 #26182

307 SW Gerald Witt Lake City

Address of Treatment or Lot/Block of Treatment

10-9-07 | 6:00 PM | [signature]

Date | Time | Applicator

Baseline Bifenthrin | 650

Product Used | **Chemical used** (Active Ingredients) | **Number of Gallons Applied**

.06% | 4060 | _____

Percent Concentration | **Area Treated (Sq. Ft.)** | **Linear Feet Treated**

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

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

If this notice is for the final exterior treatment, initial and date this line:

_____

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 13-5S-15-00453-002 **Building permit No.** 000026182

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

Permit Holder ANTHONY B. WILLIAMS,JR. **Waste:** 0.00

Owner of Building ANTHONY B.& REBECCA WILLIAMS,JR. **Total:** 0.00

Location: 307 SW GERALD WITT GLEN, LAKE CITY, FL

Date: 08/03/2009

Wayne A Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)