

APPLICANT	ROGER RUNYON		PHONE	752-0607			
ADDRESS	883	SW LEGION DR	LAKE CITY	FL	32024		
OWNER	BARRY SESSIONS		PHONE	365-1984			
ADDRESS	197	SW LEGION ROAD	LAKE CITY	FL	32024		
CONTRACTOR	ROGER RUNYON		PHONE	752-0607			
LOCATION OF PROPERTY	247S, TR ON TAMARACK LOOP, TL ON LEGION, 2ND ON RIGHT						
TYPE DEVELOPMENT	SFD,UTILITY		ESTIMATED COST OF CONSTRUCTION	183400.00			
HEATED FLOOR AREA	3668.00	TOTAL AREA	3985.00	HEIGHT	29.66	STORIES	2
FOUNDATION	CONCRETE	WALLS	FRAMED	ROOF PITCH	9/12	FLOOR	SLAB
LAND USE & ZONING	RR			MAX. HEIGHT	35		
Minimum Set Back Requirments:	STREET-FRONT		25.00	REAR	15.00	SIDE	10.00
NO. EX.D.U.	0	FLOOD ZONE	X	DEVELOPMENT PERMIT NO.			

PARCEL ID	16-4S-16-03041-031		SUBDIVISION		
LOT	BLOCK	PHASE	UNIT	TOTAL ACRES	4.20

CGC045489				
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTNG	07-00185N	BK	JH	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

THIS PERMIT CANCELED ##### NEW COMPLETION PERMIT 26850

SEE LETTER IN FILE

Check # or Cash5007

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	03/22/2007	HD	Slab	03/23/2007	HD	Sheathing/Nailing	06/12/2007	HD
Framing	06/12/2007	HD	Rough-in plumbing above slab and below wood floor	06/12/2007	HD			
Electrical rough-in	06/13/2007	HD	Heat & Air Duct	06/12/2007	HD	Peri. beam (Lintel)	04/10/2007	RJ
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 \$	920.00	CERTIFICATION FEE \$	19.93	SURCHARGE FEE \$	19.93		
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	1034.86
INSPECTORS OFFICE		CLERKS OFFICE					

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

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

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

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

DATE 03/09/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000025606

APPLICANT ROGER RUNYON PHONE 752-0607

ADDRESS 883 SW LEGION DR LAKE CITY FL 32024

OWNER BARRY SESSIONS PHONE 365-1984

ADDRESS 197 SW LEGION ROAD LAKE CITY FL 32024

CONTRACTOR ROGER RUNYON PHONE 752-0607

LOCATION OF PROPERTY 247S, TR ON TAMARACK LOOP, TL ON LEGION, 2ND ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 183400.00

HEATED FLOOR AREA 3668.00 TOTAL AREA 3985.00 HEIGHT 29.66 STORIES 2

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 9/12 FLOOR SLAB

LAND USE & ZONING RR MAX. HEIGHT 35

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

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

PARCEL ID 16-4S-16-03041-031 SUBDIVISION *Logan Run*

LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 4.20

CGC045489 *Logan Run*

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

EXISTING 07-00185N BK JH 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

Check # or Cash 5007

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE \$ 920.00 CERTIFICATION FEE \$ 19.93 SURCHARGE FEE \$ 19.93

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 1034.86

INSPECTORS OFFICE *L. H.* CLERKS OFFICE *CN*

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.

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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

CK# 5007

07-00185-N

For Office Use Only Application # 0762-66 Date Received 2/23 By GA Permit # 25606
 Application Approved by - Zoning Official BLK Date 01.03.07 Plans Examiner OK JTH Date 2-23-07
 Flood Zone X Development Permit N/A Zoning RR Land Use Plan Map Category RES.U.I. DEV.

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

Name Authorized Person Signing Permit Lester W. Runyon Fax 752-0607
 Address 197 SW Legion Dr, Lake City, FL 32024 Phone 752-0607

Owners Name BARRY SESSIONS Phone 886-365-1984
 911 Address 197 SW Legion Dr, Lake City, FL 32024

Contractors Name SAME AS ABOVE Phone _____
 Address _____

Fee Simple Owner Name & Address BARRY SESSIONS
 Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY - LAKE CITY, FL 32024
 Mortgage Lenders Name & Address FIRST FEDERAL SAVINGS BANK - LAKE CITY, FL

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

Property ID Number 16-45-16-03091-031 Estimated Cost of Construction \$ 200,000.00
 Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions Hwy 247 South, Right on TAMARACK, Left on Legion, 2nd Lot on Right 197 SW Legion Dr.

Type of Construction Single Family SFD Number of Existing Dwellings on Property None

Total Acreage 4.2 acres Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 417' Side 98' Side 110.66' Rear 157.416'
 Total Building Height 29.66' Number of Stories 2 Heated Floor Area 3668 sq. ft. Roof Pitch 9/12
TOTAL 3985

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

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

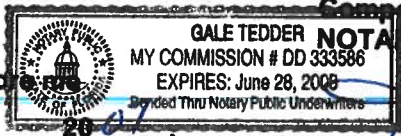
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 23rd day of FEB

Personally known ☒ or Produced Identification _____



Contractor Signature Lester W. Runyon
 Contractors License Number CGC 045489
 Competency Card Number _____

NOTARY STAMP/SEAL
Gale Tedder

Notary Signature (Revised Sept. 2006)

LAW OFFICES OF
TOMCHIN & ODOM, P.A.

6816 SOUTHPOINT PARKWAY, SUITE 400
JACKSONVILLE, FLORIDA 32216

KENNETH A. TOMCHIN
LISA S. ODOM

TELEPHONE (904) 353-6888
FACSIMILE (904) 353-0188
TOMCHIN@TOMCHINANDODOM.COM
WWW.TOMCHINANDODOM.COM

January 15, 2008

VIA FACSIMILE & US MAIL

Michael D. Sechrest, Esquire
FISHER, BUTTS, SECHREST & WARNER, P.A.
5200 SW 91st Terrace, Suite 101
Gainesville, FL 32608

Re: Roger W. Runyun, Commercial Vault Enterprises, Inc.
Mr. and Mrs. Barry Sessions

Dear Mr. Sechrest:

We write as counsel to Mr. and Mrs. Barry Sessions with regard to the Fixed Fee Contract executed on or about March 8, 2007 between Commercial Vault Enterprises, Inc., as Contractor, and Mr. & Mrs. Sessions, as Owner, for the construction project located at 197 SW Legion Drive, Lake City, FL (the "Contract").

As you are aware, the Contract provides that the construction coordination services and construction costs shall be a fixed amount of \$338,782.91. Included in this fixed Contract price is a \$48,000.00 fee for construction coordination services.

Among other things, the Contract also provides that "[a]ll work shall be completed in a workman like manner...."

Throughout the course of this project, we have learned that:

1. certain subcontractors have not been paid or timely paid for their work;
2. you have not remained on the job site a sufficient amount of time to enable you to properly supervise and coordinate the performance of subcontractors' work (for which the Contract provides that you will be paid

the \$48,000.00 construction coordination fee). This has resulted in unnecessary repetition of some of the work;

3. approximately \$17,000.00 of the project's funds were used to pay a personal credit card bill, some expenses of which were not related to the project or were inappropriately paid;
4. certain of the subcontractors were paid in full prior to their having completed their portion of the project;
5. requests of the owners for justification of expenses and production of receipts have not been satisfied;
6. you have made direct requests to the bank for payment draws which were unsupported and/or for which you failed to notify the owners; and
7. the project has not been progressing as quickly as it should due to your lack of involvement and supervision, and your failure to properly coordinate the work.

Pursuant to the Fixed Fee Contract dated February 22, 2007, this letter is formal written notice that due to the defaults of the contractor that have been going on for months, notice is hereby given that Commercial Vault Enterprises, Inc. is terminated as contractor on this project.

Under separate cover, a letter has been sent to you dealing with § 588.004, Florida Statutes and your attention is directed to that letter concerning construction deficiencies on the Sessions' home.

Please govern yourselves accordingly.

Very truly yours,

TOMCHIN & ODOM, P.A.



Kenneth A. Tomchin

KAT:amm

cc: Roger W. Runyun
Mr. and Mrs. Barry Sessions

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst: 2007005597 Date: 03/08/2007 Time: 15:59
J. J. DC, P. DeWitt Cason, Columbia County B: 1113 P: 30

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

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

1. Description of property: See Legal Description: Exhibit A.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: Barry F. Sessions + Paige B. Sessions
4123 78th St. Olive Oak Fl. 32060
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): Commercial Vault Enterprises, Inc.
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____
6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified): _____

B. F. Sessions
Borrower Name

Paige B. Sessions
Co-Borrower Name

The foregoing instrument was acknowledged before me this 8th day of March, 2007 by Barry F. Sessions + Paige B. Sessions who is personally known to me or who has produced driver's license for identification.

[Signature]
Notary Public

My Commission Expires: _____



Exhibit "A"

File Number: 70127

Parcel A: Commence at the Northwest corner of Southeast 1/4 of Section 16, Township 4 South, Range 16 East, Columbia County, Florida, and run thence South 89°43'23" East, along the North line thereof, 720.56 feet to the Point of Beginning; thence continue South 89°43'23" East along said North line, 285.29 feet; thence South 01°19'10" East, 317.17 feet; thence North 89°46'23" West, 290.71 feet; thence North 00°20'25" West, 317.32 feet to the Point of Beginning. TOGETHER WITH an easement for ingress, egress, and utility purposes being more particularly described as follows: Commence at the Northwest corner of Southeast 1/4 of Section 16, Township 4 South, Range 16 East, Columbia County, Florida, and run thence South 89°43'23" East, along the North line thereof, 720.56 feet; thence South 00°20'25" East, 317.32 feet to the Point of Beginning; thence continue South 00°20'25" East 313.33 feet to the North Right-of-Way line of a County Road; thence South 89°49'25" East along said North Right-of-Way line, 60 feet; thence North 00°20'25" West 313.27 feet; thence North 89°46'23" West, 60 feet to the Point of Beginning. Parcel B: Commence at the Northwest corner of Southeast 1/4 of Section 16, Township 4 South, Range 16 East, Columbia County, Florida, and run thence South 89°43'23" East, along the North line thereof, 720.56 feet; thence South 00°20'25" East, 317.32 feet to the Point of Beginning; thence continue South 00°20'25" East, 313.33 feet to the North Right-of-Way line of a County road; thence South 89°49'28" East, along said North Right-of-Way line, 296.06 feet; thence North 01°19'10" West, 313.16 feet; thence North 89°46'23" West 290.71 feet to the Point of Beginning. SUBJECT to an easement for ingress, egress and utility purposes over and across the West 60.00 feet thereof.

Inst:2007005597 Date:03/08/2007 Time:15:59

DC, P. DeWitt Cason, Columbia County B:1113 P:308



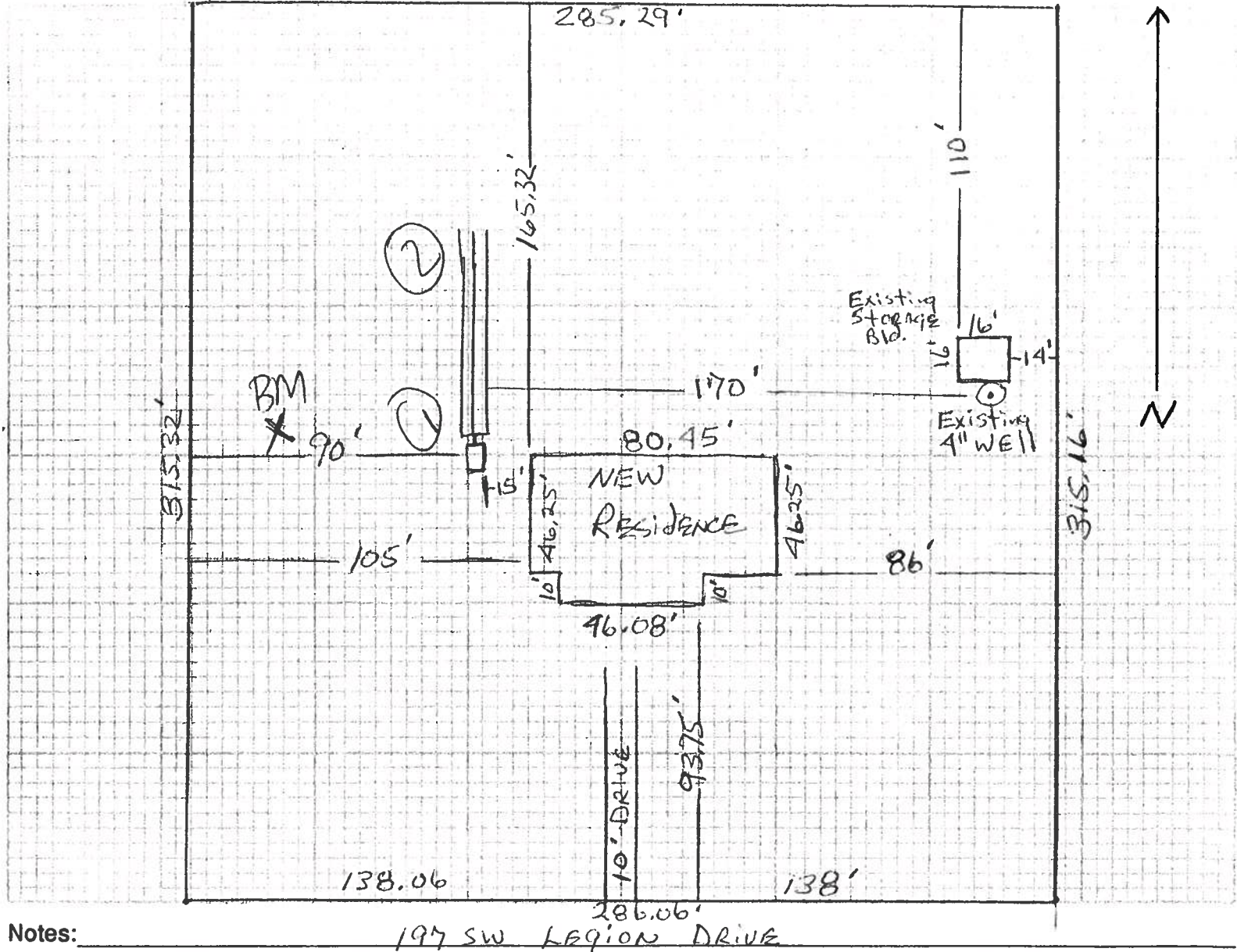
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-00185N

PART II - SITE PLAN

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



Notes: 197 SW LEGION DRIVE

Site Plan submitted by: Logan W. Simpson 02/28/07
Signature

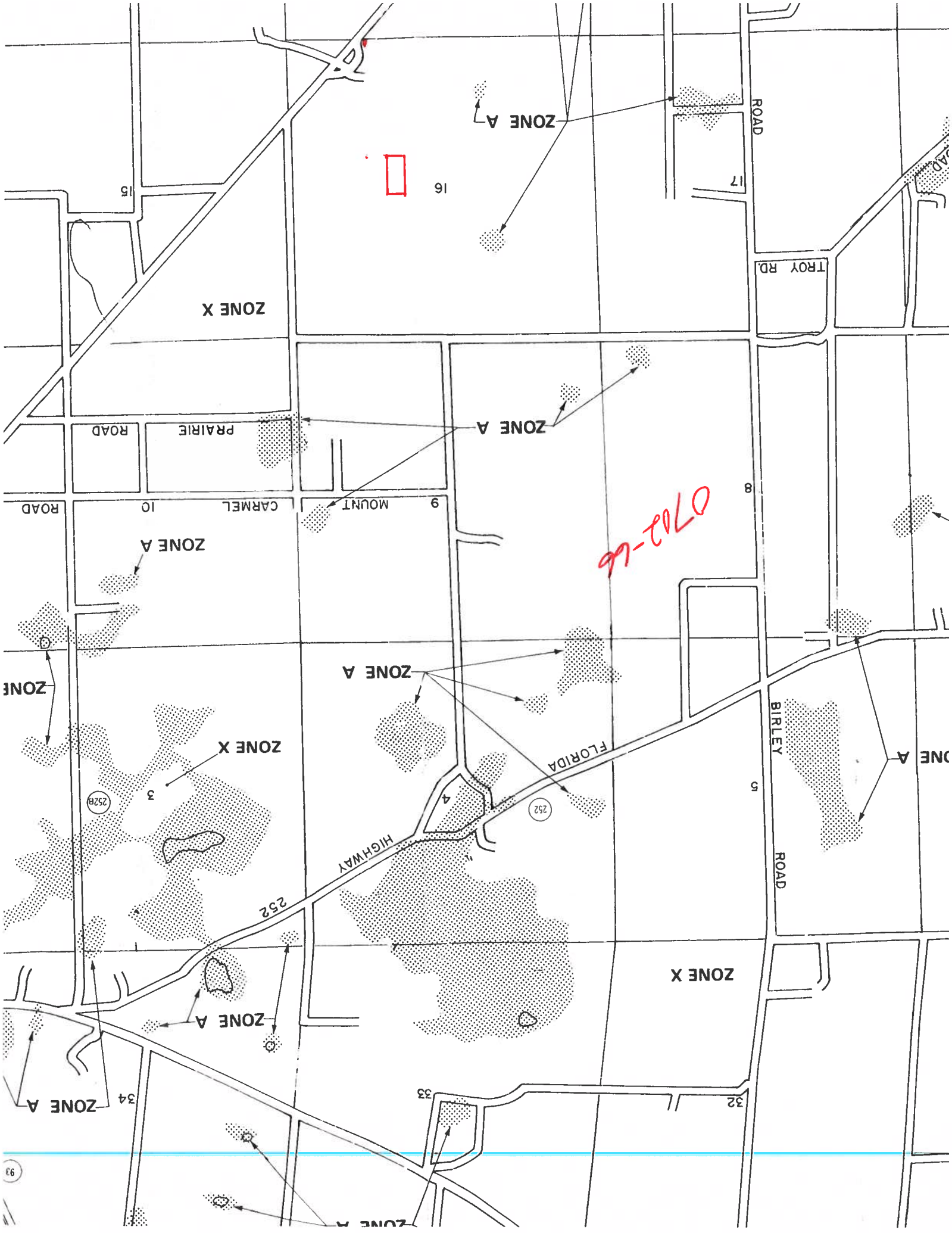
Agent
Title

Plan Approved X Not Approved _____

Date 3-9-07

By Salbe Graddy ESII-COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



Columbia County Property Appraiser

DB Last Updated: 11/20/2006

Parcel: 16-4S-16-03041-031

2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	SESSIONS BARRY F & PAIGE B		
Site Address			
Mailing Address	4123 72ND ST LIVE OAK, FL 32060		
Use Desc. (code)	NO AG ACRE (009900)		
Neighborhood	16416.01	Tax District	3
UD Codes	MKTA06	Market Area	06
Total Land Area	4.200 ACRES		
Description	COMM AT NW COR OF SE1/4, RUN E 335.36 FT, CONT E 385.20 FT FOR POB, RUN S 630.65 FT TO N R/W OF A COUNTY RD, E ALONG R/W 296.06 FT, N 630.33 FT TO POB ORB 1008-1082		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$33,600.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$33,600.00

Just Value	\$33,600.00
Class Value	\$0.00
Assessed Value	\$33,600.00
Exempt Value	\$0.00
Total Taxable Value	\$33,600.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
10/15/2004	1028/689	WD	I	Q		\$42,000.00
2/26/2004	1008/1080	WD	I	Q		\$35,000.00
4/9/2003	981/1279	WD	I	Q		\$130,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	4.200 AC	1.00/1.00/1.00/1.00	\$8,000.00	\$33,600.00

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

1 of 1

ATSN 14550

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
382 SW Baya Drive
Lake City, Florida 32025

Warranty Deed

Individual to Individual

Inst: 2004023237 Date: 10/15/2004 Time: 16:10
Doc Stamp-Deed : 294.00

— ~~THK~~ DC, P. DeWitt Cason, Columbia County B: 1028 P: 689

THIS WARRANTY DEED made the 15th day of October, 2004 by

Elaine K. Tolar, A Single Person
hereinafter called the grantor, to

Harry F. Sessions, and his wife, Paige B. Sessions
whose post office address is: 4123 72nd St., Live Oak, FL 32060
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID#

See Exhibit "A" attached hereto and by this reference made a part hereof.

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

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness: Elaine K. Tolar

Elaine K. Tolar
Elaine K. Tolar

Rhonda B. Green
Witness

Rhonda B. Green
STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of October, 2004 by Elaine K. Tolar, A Single Person personally known to me or, if not personally known to me, who produced Driver's License No. _____ for identification and who did not take an oath.

(SEAL)

Rhonda B. Green
Notary Public

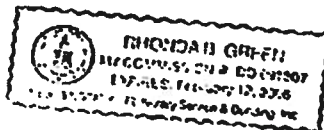


Exhibit "A"

Commence at the NW Corner of the SE 1/4 of Section 16, Township 4 South, Range 16 East, Columbia County, Florida, and run thence S 89°43'23" E along the North line thereof, 335.36 feet; thence continue S 89°43'23" E, 385.20 feet to the Point of Beginning; thence run S 00°20'26" E, a distance of 630.65 feet to the North right of way line of a county road; thence run S 89°49'25" E, a distance of 296.06 feet; thence run N 01°19'10" W, a distance of 630.33 feet; thence run N 89°43'23" W, a distance of 285.29 feet to the Point of Beginning.

Inst:2004023237 Date:10/15/2004 Time:16:10

Doc Stamp-Deed : 294.00

_____, P. DeWitt Cason, Columbia County B:1020 P:690

10/15/2004
379.
20

(14560.PFD/14550/10)

Commercial Vault Enterprises, Inc

Roger W. Runyon / CGC 045489
883 SW Legion DR.
Lake City, FL 32024

Phone 352.266.6870
Fax 386.752.0607

January 25, 2008

Harry Dicks
Columbia County Building Dept.
135 NE Hernando Ave
Lake City, Fl. 32055

Re: Barry Sessions / Permit # 25606 / Sub-Contractors list

Plumbing Contractor - Wolfe Plumbing, INC / CFC 051621
Electrical Contractor - D & D Electric, INC / EC 13002237
Mechanical Contractor – Resmondo Air Conditioning / CAC056977

Sincerely,

A handwritten signature in blue ink that reads "Roger W. Runyon". The signature is written in a cursive style with a large, stylized 'R' and 'W'.

Roger W. Runyon



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View Continuing Ed



Term Glossary

Online Help (FAQs)

Licensee Details

Licensee Information

Name: **WOLFE, SCOTT RUSSEL (Primary Name)**
WOLFE PLUMBING INC (DBA Name)
Main Address: **11430 NW 15TH AVE
BRANFORD Florida 32008**
County: **SUWANNEE**

License Mailing:

LicenseLocation: **11430 NW 15TH AVE
BRANFORD FL 32008**
County: **SUWANNEE**

License Information

License Type: **Certified Plumbing Contractor**
Rank: **Cert Plumbing**
License Number: **CFC051621**
Status: **Current,Active**
Licensure Date: **07/28/1990**
Expires: **08/31/2008**

Special Qualifications **Qualification Effective**
Bldg Code
Core Course
Credit
Qualified Business License Required **02/20/2004**

[View Related License Information](#)



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10:27:07 AM 1/24/2008

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User Services

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Change License Status
Maintain Account
Change My Address
View Messages
Change My PIN
View Continuing Ed

 [Term Glossary](#)

 [Online Help \(FAQs\)](#)

Licensee Details

Licensee Information

Name: **RALPH, DAVID R (Primary Name)**
D & D ELECTRIC INC (DBA Name)
Main Address: **4725 216TH ST.**
LAKE CITY Florida 32024
County: **SUWANNEE**

License Mailing: **P.O. BOX 2178**
LAKE CITY FL 32056
County: **COLUMBIA**

LicenseLocation: **6995 SW 39TH ST**
PALM CITY FL 34990
County: **MARTIN**

License Information

License Type: **Electrical Contractor**
Rank: **Cert Electrical**
License Number: **EC13002237**
Status: **Current,Active**
Licensure Date: **10/06/2004**
Expires: **08/31/2008**

Special Qualifications
Bldg Code
Core Course
Credit
Qualification Effective

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License Type	Name	Name Type	License Number/ Rank	Status/Expires
Certified Air Conditioning Contractor	RESMONDO, LARRY CALVIN	Primary	CAC056977 Cert Air	Current, Active 08/31/2008

Address*: **License Location** RT 2 BOX 8842 FORT WHITE, FL 32038

Main Address*: 4858 SW WILSON SPRINGS RD FORT WHITE, FL 32038

[Back](#)[New Search](#)*** denotes**

Main Address - This address is the Primary Address on file.

Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).

License Location Address - This is the address where the place of business is physically located.

D&D ELECTRIC, INC
4725 216th Street
Lake City, FL 32024
EC13002237

January 25, 2008

TO WHOM IT MAY CONCERN

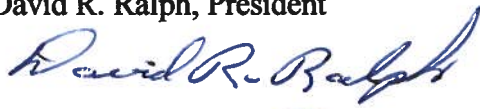
RE: Barry Sessions-Building Permit # 000025606

Please be advised that I have performed as the licensed Electrician on the above referenced Job, and as such I have supervised all electrical activities including Mr. Randy Lucas, with the exception of work performed by the Owner when I was not present on the job.

Also be advised that Mr. Randy Lucas was paid directly for his services by Roger Runyon of Commercial Vault Enterprises.

Sincerely,

David R. Ralph, President


1-25-08

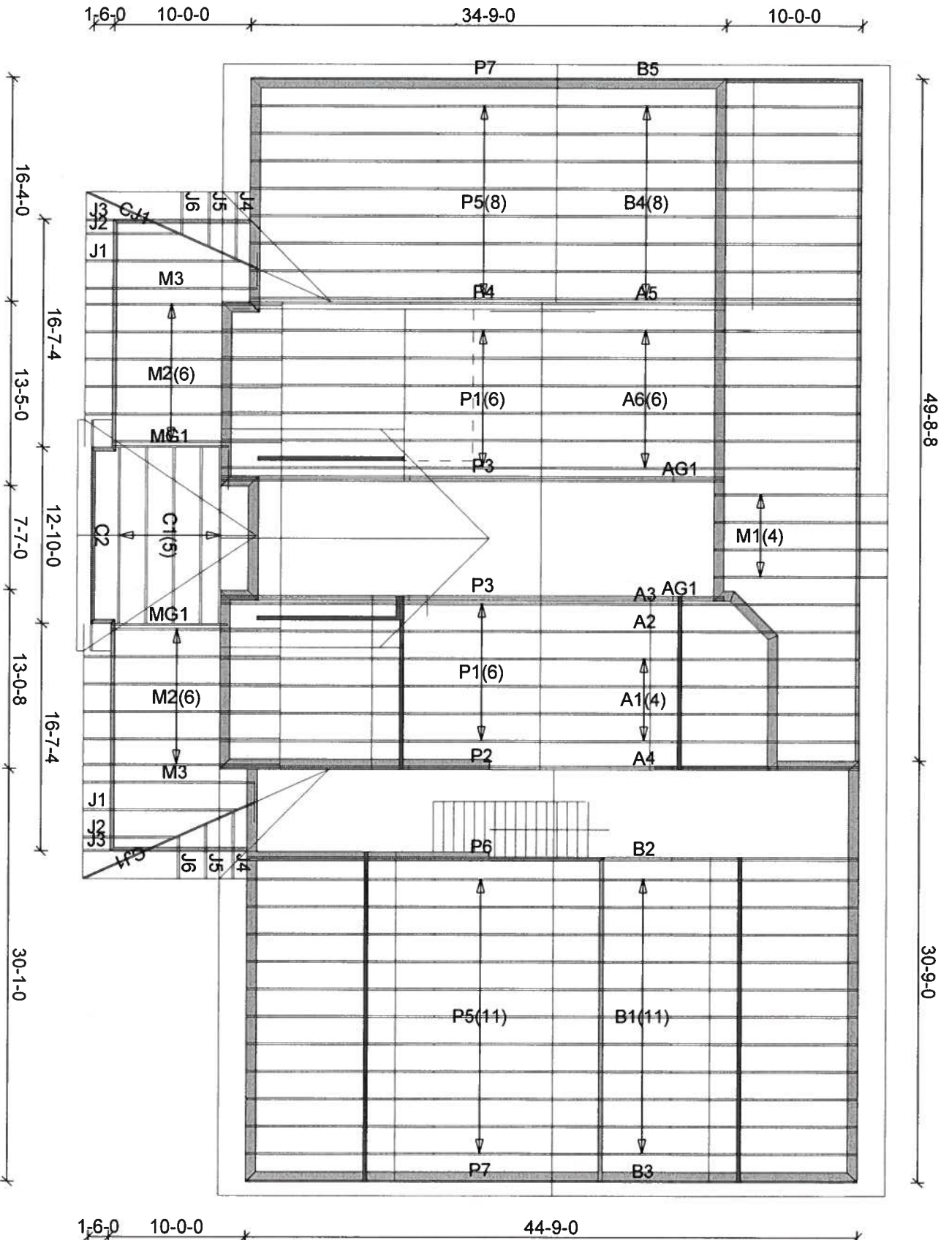
Mayo Truss Co. Inc.

845 East US 27
MAYO, FL 32066
(386)294-3988
(877) 558-6262

BARRY SESSIONS

COLUMBIA COUNTY

110 MPH ASCE WIND LOAD



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

Account: INDIVIDUAL
Job: BSESSIONS
Designer: M.MURRAY
Checker: M.MURRAY
Date: 12-21-06

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

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

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: BSESSIONS - BARRY SESSIONS

Standard Loading:

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

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

Engineering Index Sheet

Index Page 1 of 1

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

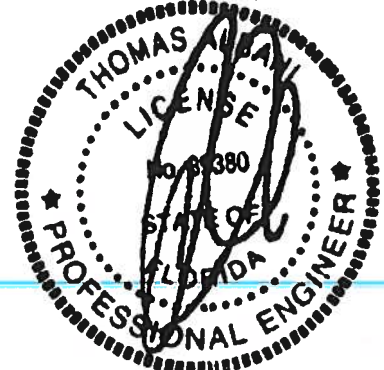
Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06121646	12/19/2006		31

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

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

Date	Mark	Date	Mark	Date	Mark	Date	Mark
1 12/19/06	A1	2 12/19/06	A2	3 12/19/06	A3	4 12/19/06	A4
6 12/19/06	A6	7 12/19/06	AG1	8 12/19/06	B1	9 12/19/06	B2
10 12/19/06	B3	11 12/19/06	B4	12 12/19/06	B5	13 12/19/06	C1
14 12/19/06	C2	15 12/19/06	CJ1	16 12/19/06	J1	17 12/19/06	J2
18 12/19/06	J3	19 12/19/06	J4	20 12/19/06	J5	21 12/19/06	J6
22 12/19/06	M1	23 12/19/06	M2	24 12/19/06	M3	25 12/19/06	MG1
26 12/19/06	P1	27 12/19/06	P2	28 12/19/06	P3	29 12/19/06	P4
30 12/19/06	P5	31 12/19/06	P6	32 12/19/06	P7		

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



Date Sealed: 12/19/2006

U# J#BSESSIONS BARRY SESSIONS



Scale: 0 113" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 747.4 LBS

Online Plus -- Version 20.0.010
RUN DATE: 19-DEC-06

	CSI	-Size-	---Lumber---
TC	0.47	2x 4	SP-#2
BC	0.69	2x12	SP-#2
WB	0.45	2x 4	SP-#2
ACT	0.28	2x 4	SP-#2
AWT	0.27	2x 4	SP-#2
WG	---	2x 4	SP-#2
PB	---	2x 4	SP-#2
SCB	(1)	2x12	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	13- 9- 0
TC 2- 0- 0	13- 9- 0	33- 0- 0
TC Cont.	33- 0- 0	46- 9- 0
BC Cont.	0- 0- 0	46- 9- 0

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			16.0"
Lumber	Duration	Factor	1.00
Plate	Duration	Factor	1.00
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Load Case # 1 Attic Loading
Lumber Duration Factor 1.00
Plate Duration Factor 1.00

Rate		Live	Dead	Factor	From	To
TC	V	27	13	0.0'		46.8'
BC	V	0	13	0.0'		46.8'
BC	V	53	7	13.4'		33.4'
MA	V	0	7	13.2'		27.2'
MA	V	0	7	27.2'		33.5'
MA	V	0	7	0.5'		10.7'
MA	V	0	7	0.5'		10.7'

Plus 9 Wind Load Case(s)
Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplift Lbs	Size In-Sx	Req'd In-Sx
A	1816	63	4- 0	2- 2
			Hz =	-171
H	988	114	4- 0	1- 8
D	1246	79	3- 8	1- 8
			Hz =	172

Membr CSI P Lbs Axl-CSI-Bnd

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

A	-W	0.33	2282	C	0.05	0.28
W	-O	0.29	2202	C	0.04	0.25
O	-T	0.47	2415	C	0.07	0.40
T	-B	0.38	1945	C	0.04	0.34
B	-P	0.46	2600	C	0.18	0.28
P	-Q	0.24	2600	C	0.07	0.17
Q	-C	0.26	2600	C	0.10	0.16
C	-U	0.36	1940	C	0.04	0.32
U	-R	0.42	2398	C	0.07	0.35
R	-S	0.23	1535	C	0.01	0.22
S	-D	0.19	1565	C	0.02	0.17

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

A - V	0.50	1813	T	0.17	0.33
V - X	0.37	1904	T	0.16	0.21
X - S2	0.37	1901	T	0.16	0.21
S2-S1	0.51	1901	T	0.18	0.33
S1-Y	0.69	1901	T	0.18	0.51
Y - H	0.67	1639	T	0.16	0.51
H - D	0.37	1245	T	0.12	0.25

-----Webg-----

W -V	0.03	147	C		
V -O	0.32	441	C		
O -X	0.18	230	C		
Z -T	0.18	825	T	0.14	0.04
X -Z	0.23	1114	T	0.21	0.02
AA-U	0.38	727	T	0.15	0.23
Y -AA	0.45	1071	T	0.22	0.23
Y -R	0.14	609	T		
R -H	0.32	1487	C		1 Br
H -S	0.03	160	C		

-----Attic Chords (Top)-----

Z	-F	0.20	10	C	0.00	0.20
F	-K	0.20	30	C	0.00	0.20
K	-J	0.28	732	T	0.14	0.14
J	-E	0.24	84	C	0.00	0.24
E	-AA	0.24	62	C	0.00	0.24

-----Attic Webs (Top)-----

F	-B	0.07	354	T
B	-K	0.27	790	T
K	-P	0.02	224	C
J	-Q	0.03	244	C
J	-C	0.19	852	T
E	-C	0.08	408	T

```
TL Defl  -0.46" in S2-S1 L/999
LL Defl  -0.32" in S2-S1 L/999
Shear // Grain in T -B    0.93
```

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

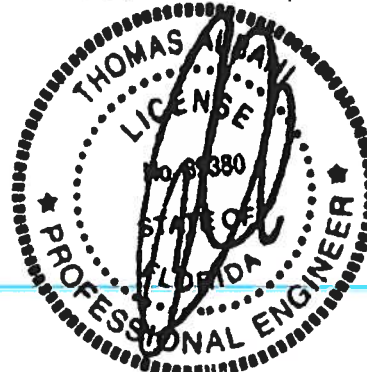
A	LOCK	7.0x	8.0	2.9	Ctr	0.90
W	LOCK	5.0x	7.0-0.4	0.5	0.83	
O	LOCK	3.0x	7.0	Ctr	Ctr	0.56
T#	LOCK	3.0x	7.0-0.1-0.5	0.5	0.34	
B	LOCK	5.0x	9.0	1.3-3.8	0.83	
P	LOCK	5.0x	7.0	Ctr	0.5	0.86
Q	LOCK	2.0x	4.0	Ctr	Ctr	0.52
C	LOCK	5.0x	9.0-1.3-3.8	0.8	0.76	
U#	LOCK	3.0x	7.0	Ctr	0.4	0.34
R	LOCK	3.0x	7.0	Ctr	Ctr	0.67
S	LOCK	5.0x	7.0	0.4	0.5	0.83
D	LOCK	7.0x	8.0-2.9	Ctr	Ctr	0.90
V	LOCK	5.0x	7.0	Ctr	Ctr	0.51
X#	LOCK	7.0x	8.0-0.1-1.7	0.48		
S2#	LOCK	10.0x12.0	Ctr	Ctr	Ctr	0.39
S1#	LOCK	10.0x12.0	Ctr	Ctr	Ctr	0.43
Y#	LOCK	7.0x	8.0	0.2-1.9	0.50	
H	LOCK	5.0x	7.0	Ctr	Ctr	0.51
Z	LOCK	3.0x	7.0	Ctr	Ctr	0.82
F	LOCK	2.0x	4.0	Ctr	Ctr	0.52
K	LOCK	3.0x	7.0	Ctr	Ctr	0.92
J	LOCK	5.0x	7.0	Ctr	Ctr	0.67
E	LOCK	2.0x	4.0	Ctr	Ctr	0.52
AA	LOCK	3.0x	7.0	Ctr	Ctr	0.82

= Plate Monitor used

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

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	A1	4	HIPP	460900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

ADDITIONAL SPECIFICATIONS.

NOTES:

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

Fasten each scab with 2 row(s)
of 10d nails at 6 In o.c.
along entire length.
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---
40- 4- 8 46- 9- 0
Unbalanced Loads Checked
Load Factors = 1.00 and 0.00
Max comp. force 2600 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	A2	1	HIPP	460900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Fasten each scab with 2 row(s)
of 10d nails at 6 In o.c.
along entire length.

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---

39-11- 0 46- 9- 0

Unbalanced Loads Checked

Load Factors = 1.00 and 0.00

Max comp. force 2596 Lbs

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	A3	1	HIPP	460900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

NOTES:

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

Fasten each scab with 2 row(s)
of 10d nails at 6 In o.c.
along entire length.

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

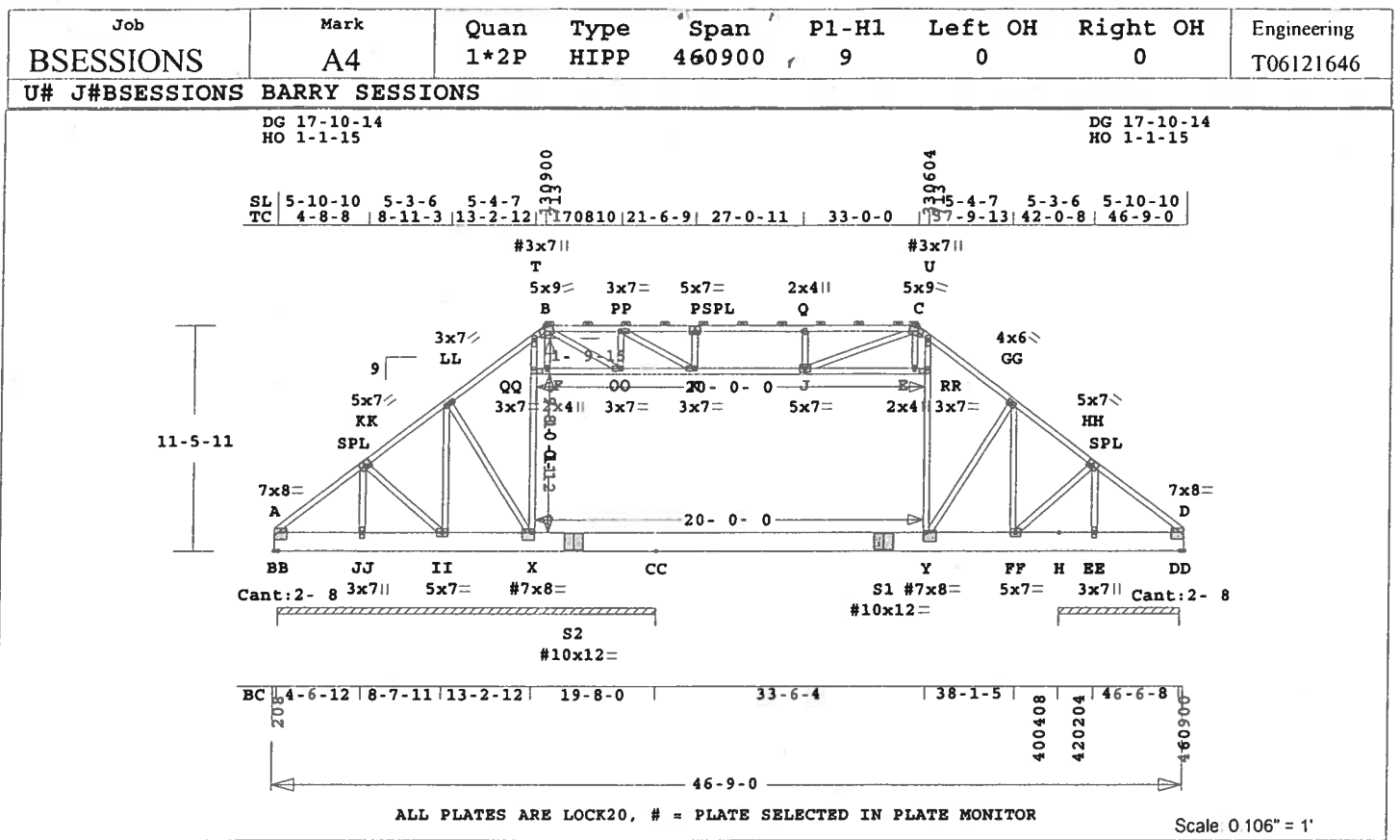
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

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---
37-11- 0 46- 9- 0

Unbalanced Loads Checked
Load Factors = 1.00 and 0.00
Max comp. force 2586 Lbs
Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 573.9 LBS

Online Plus -- Version 20.0.010
RUN DATE: 19-DEC-06

* 2-Ply Truss *

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

TC	0.67	2x 4	SP-#2
BC	0.96	2x12	SP-#2
WB	0.41	2x 4	SP-#2
ACT	0.55	2x 4	SP-#2
AWT	0.34	2x 4	SP-#2
WG	---	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	2- 0- 0	0- 0- 0	13- 9- 0
TC	2- 0- 0	13- 9- 0	33- 0- 0
TC	2- 0- 0	33- 0- 0	46- 9- 0
BC	2- 0- 0	0- 0- 0	46- 9- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			51.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 NonStandard Load

	plf	Live	Dead	From	To
TC V	85	43	0.0'	0.0'	46.8'
BC V	0	43	0.0'	0.0'	46.8'
BC V	170	21	13.4'	33.4'	
BC V	170	21	33.5'	46.5'	
BC V	170	21	0.2'	13.2'	
MA V	0	21	13.2'	27.2'	
MA V	0	21	27.2'	33.5'	

Load Case # 2 Attic Loading

	plf	Live	Dead	From	To
TC V	85	43	0.0'	0.0'	46.8'
BC V	0	43	0.0'	0.0'	46.8'
BC V	170	21	13.4'	33.4'	
BC V	0	21	13.2'	27.2'	
MA V	0	21	27.2'	33.5'	
MA V	0	21	0.5'	10.7'	
MA V	0	21	0.5'	10.7'	

Plus 9 Wind Load Case(s)
Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 2- 8	to 19- 8- 0		
	9602	95	Hx =	547
Cont. Brg	40- 4- 8	to 46- 6- 8		
	7582	273	Hx =	547

Membr CSI P Lbs Axl-CST-Bnd

Membr	CSI	P	Lbs	Axl-CST-Bnd
-----Top Chords-----				
A -KK	0.23	1849	C	0.00 0.23
KK-LL	0.26	2524	C	0.01 0.25
LL-T	0.36	2937	C	0.01 0.35
T-B	0.36	2844	C	0.01 0.35
B-PP	0.25	4260	C	0.05 0.20
PP-P	0.30	5155	C	0.09 0.21
P-Q	0.67	5139	C	0.07 0.60
Q-C	0.67	5139	C	0.07 0.60
C-U	0.16	2854	C	0.02 0.14
U-GG	0.33	2997	C	0.04 0.29
GG-HH	0.32	1260	C	0.00 0.32
HH-D	0.57	2070	T	0.25 0.32
-----Bottom Chords-----				
A -JJ	0.09	362	T	0.00 0.09
JJ-II	0.07	362	T	0.00 0.07
II-X	0.07	622	T	0.00 0.07
X-S2	0.05	798	T	0.00 0.05
S2-CC	0.84	798	T	0.00 0.84
CC-S1	0.96	2373	T	0.12 0.84
S1-Y	0.37	2373	T	0.10 0.27
Y-FF	0.30	1005	T	0.03 0.27
FF-H	0.71	1643	C	0.00 0.71
H-EE	0.71	1643	C	0.00 0.71
EE-D	0.20	1643	C	0.00 0.20

Membr	CSI	P	Lbs	Axl-CST-Bnd
-----Webs-----				
JJ-KK	0.09	1435	C	
KK-II	0.08	775	T	
II-LL	0.12	1328	C	
LL-X	0.07	686	T	
QQ-T	0.22	532	C	0.00 0.22
X-QQ	0.22	475	T	0.00 0.22
RR-U	0.03	376	C	0.00 0.03
Y-RR	0.05	544	T	0.04 0.01
Y-GG	0.29	2583	T	
FF-GG	0.35	3810	C	
FF-HH	0.41	3620	T	
EE-HH	0.31	5037	C	

Membr	CSI	P	Lbs	Axl-CST-Bnd
-----Attic Chords (Top)-----				
QQ-P	0.20	118	C	0.00 0.20
P-OO	0.20	136	C	0.00 0.20
OO-K	0.44	1960	T	0.22 0.22
K-J	0.55	2860	T	0.33 0.22
J-E	0.22	20	T	0.00 0.22
E-RR	0.11	19	T	0.00 0.11
-----Attic Webs (Top)-----				
F-B	0.03	370	T	

B -OO	0.27	2377	T
OO-PP	0.05	1001	C
PP-K	0.12	1059	T
K-P	0.03	521	C
J-Q	0.04	823	C
J-C	0.34	3023	T
E-C	0.02	273	T

TL Defl -0.21" in CC-S1 L/999
LL Defl -0.15" in CC-S1 L/999
Shear // Grain in FF-H 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 7.0x 8.0 2.9 Ctr 0.90
KK LOCK 5.0x 7.0-0.4 0.5 0.83
LL LOCK 3.0x 7.0 Ctr Ctr 0.50
TH LOCK 3.0x 7.0 Ctr-0.5 0.34
B LOCK 5.0x 9.0 1.3-3.8 0.74
PP LOCK 3.0x 7.0 Ctr Ctr 0.46
P LOCK 5.0x 7.0 Ctr 0.5 0.86
Q LOCK 2.0x 4.0 Ctr Ctr 0.52
C LOCK 5.0x 9.0-1.3-3.8 0.77
UH LOCK 3.0x 7.0 Ctr-0.4 0.34
GG LOCK 4.0x 6.0 Ctr Ctr 0.76
HH LOCK 5.0x 7.0 0.4 0.5 0.97
D LOCK 7.0x 8.0-2.9 Ctr 0.90

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	A4	1*2P	HIPP	460900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

JJ LOCK 3.0x 7.0 Ctr Ctr 0.34
 II LOCK 5.0x 7.0 Ctr Ctr 0.39
 X# LOCK 7.0x 8.0-0.5-1.1 0.46
 S2#LOCK 10.0x12.0 Ctr Ctr 0.39
 S1#LOCK 10.0x12.0 Ctr Ctr 0.39
 Y# LOCK 7.0x 8.0 0.6-2.1 0.94
 FF LOCK 5.0x 7.0 Ctr Ctr 0.50
 EE LOCK 3.0x 7.0 Ctr Ctr 0.34
 QQ LOCK 3.0x 7.0 Ctr Ctr 0.82
 F LOCK 2.0x 4.0 Ctr Ctr 0.52
 OO LOCK 3.0x 7.0 Ctr Ctr 0.92
 K LOCK 3.0x 7.0 Ctr Ctr 0.92
 J LOCK 5.0x 7.0 Ctr Ctr 0.85
 E LOCK 2.0x 4.0 Ctr Ctr 0.52
 RR LOCK 3.0x 7.0 Ctr Ctr 0.82

= Plate Monitor used

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

PBC2004

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	3	12	24	0
WB	1	8	8	

Web Connection Exception --
 Use 4" spacing for screws or
 nails on the following webs
 FF-GG

Provide connection to bearing
 for 547 Lbs Horiz Reaction
 Design checked for 10 psf non-
 concurrent LL on BC.

Prevent truss rotation at all bearing locations.

NOTE: USER MODIFIED PLATES

This design may have plates
 selected through a plate
 monitor.

Wind Loads - ANSI / ASCE 7-02
 Truss is designed as

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

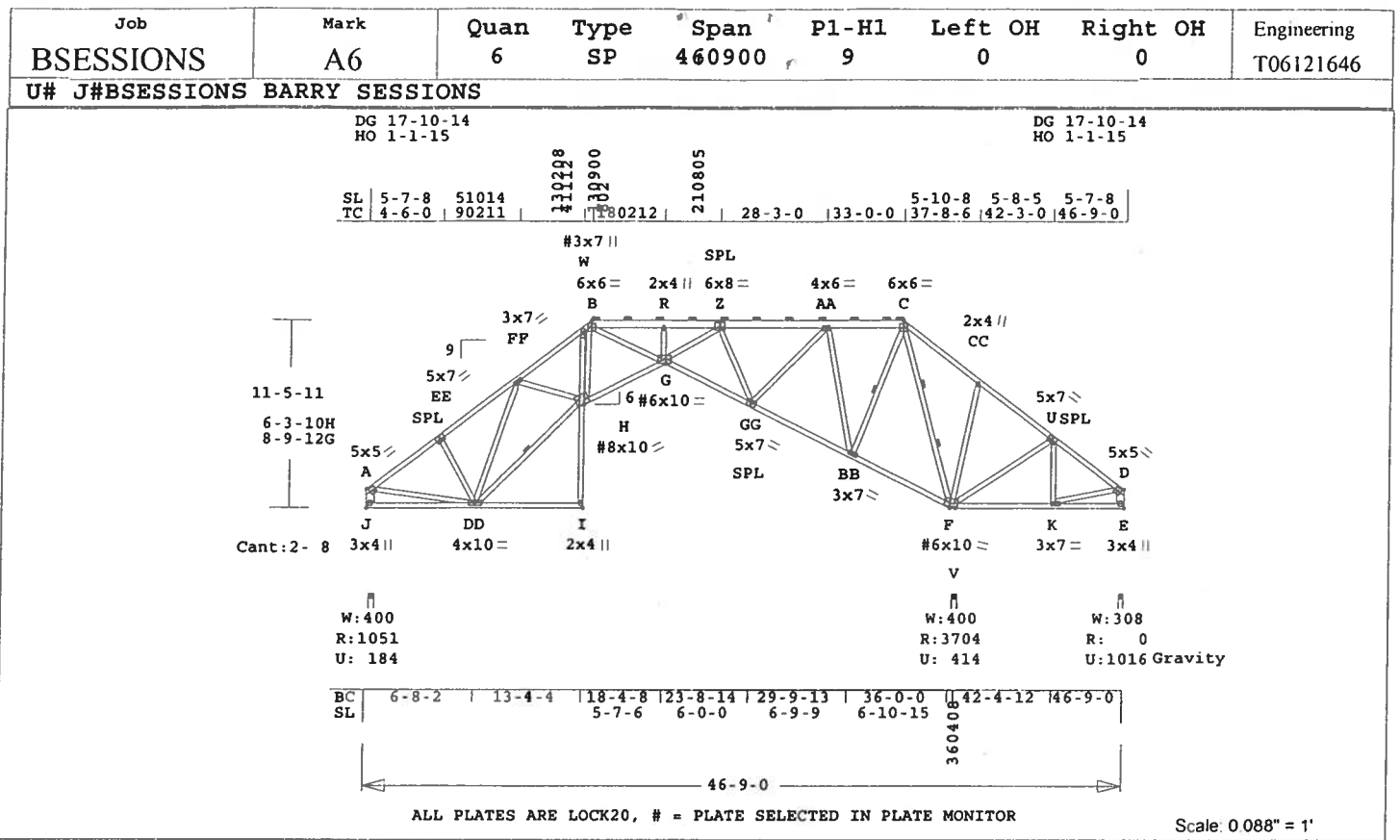
BC Dead Load: 5.0 psf

Unbalanced Loads Checked

Load Factors = 1.00 and 0.00

Max comp. force 5155 Lbs

Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 442.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI -Size- ---Lumber---
TC 0.70 2x 4 SP-#2
EX B -Z 2x 6 SP-#2
EX Z -C 2x 6 SP-#2
BC 0.57 2x 4 SP-#2
CW 0.05 2x 4 SP-#2
WB 0.93 2x 4 SP-#2
EX J -A 2x 6 SP-#2
EX E -D 2x 6 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 13- 9- 0
TC 2- 0- 0 13- 9- 0 33- 0- 0
TC Cont. 33- 0- 0 46- 9- 0
BC Cont. 0- 0- 0 46- 9- 0
WB 1 rows CLB on DD-H
WB 1 rows CLB on BB-C
WB 2 rows CLB on C -F
Attach CLB with (2)-10d nails
at each web.

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

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

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
J 1051 185 4- 0 1- 8
Hz = -283
F 3705 415 4- 0 4- 0
E 0 1016G 3- 8 1- 8
Hz = 284

G = Gravity Uplift

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -EE 0.22 1206 C 0.06 0.16
EE-PF 0.23 1076 C 0.07 0.16
PF-W 0.22 1865 C 0.08 0.14
W -B 0.13 1960 C 0.09 0.04
B -R 0.19 2493 C 0.03 0.16
R -Z 0.18 2493 C 0.01 0.17
Z -AA 0.17 433 C 0.00 0.17

AA-C 0.31 548 T 0.06 0.25
C -CC 0.68 2073 T 0.33 0.35
CC-U 0.70 2044 T 0.35 0.35
U -D 0.42 1501 T 0.26 0.16
-----Bottom Chords-----
J -DD 0.32 270 T 0.00 0.32
DD-I 0.32 3 T 0.00 0.32
H -G 0.49 1595 T 0.27 0.22
G -GG 0.38 1080 T 0.18 0.20
GG-BB 0.27 389 C 0.00 0.27
BB-F 0.37 1035 C 0.01 0.36
F -K 0.57 1190 C 0.00 0.57
K -E 0.16 270 T 0.00 0.16
-----Chord-Webs-----
I -H 0.04 97 T 0.00 0.04
H -W 0.05 288 C 0.00 0.05
-----Webs-----
J -A 0.06 996 C WindLd
A -DD 0.18 990 T
EE-DD 0.07 267 C
DD-FF 0.76 915 C
DD-H 0.29 1571 T
FF-H 0.06 374 T
H -B 0.11 621 T
B -G 0.21 1169 T
G -R 0.01 124 T
G -Z 0.32 1781 T
Z -GG 0.51 1451 C
GG-AA 0.20 1133 T
AA-BB 0.93 1122 C
BB-C 0.19 1055 T
C -F 0.54 2613 C
F -CC 0.25 328 C
F -U 0.35 512 C
K -U 0.06 399 T
K -D 0.27 1225 C
E -D 0.14 1067 T WindLd

TL Defl -0.39" in G -GG L/999
LL Defl -0.19" in G -GG L/999
Hz Disp LL DL TL
Jt V 0.18" 0.18" 0.36"
Shear // Grain in C -CC 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 5.0x 5.0-0.8-0.6 0.87
EE LOCK 5.0x 7.0-0.4-0.5 0.83
FF LOCK 3.0x 7.0 Ctr Ctr 0.58
WH LOCK 3.0x 7.0 Ctr-0.3 0.13
B LOCK 6.0x 6.0 Ctr-0.9 0.90
R LOCK 2.0x 4.0 Ctr Ctr 0.52

Z LOCK 6.0x 8.0 Ctr 1.2 0.69
AA LOCK 4.0x 6.0 Ctr Ctr 0.47
C LOCK 6.0x 6.0 Ctr-0.9 0.90
CC LOCK 2.0x 4.0 Ctr Ctr 0.52
U LOCK 5.0x 7.0 0.4 0.5 0.83
D LOCK 5.0x 5.0 0.8-0.6 0.87
J LOCK 3.0x 4.0 Ctr Ctr 0.70
DD LOCK 4.0x10.0 Ctr Ctr 0.64
I LOCK 2.0x 4.0 Ctr Ctr 0.65
H# LOCK 8.0x10.0 Ctr 1.9 0.80
G# LOCK 6.0x10.0-1.1-0.8 0.76
GG LOCK 5.0x 7.0-0.2-0.5 0.85
BB LOCK 3.0x 7.0 Ctr Ctr 0.71
F# LOCK 6.0x10.0 1.3 4.1 0.77
K LOCK 3.0x 7.0 Ctr Ctr 0.93
E LOCK 3.0x 4.0 Ctr Ctr 0.77

= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-

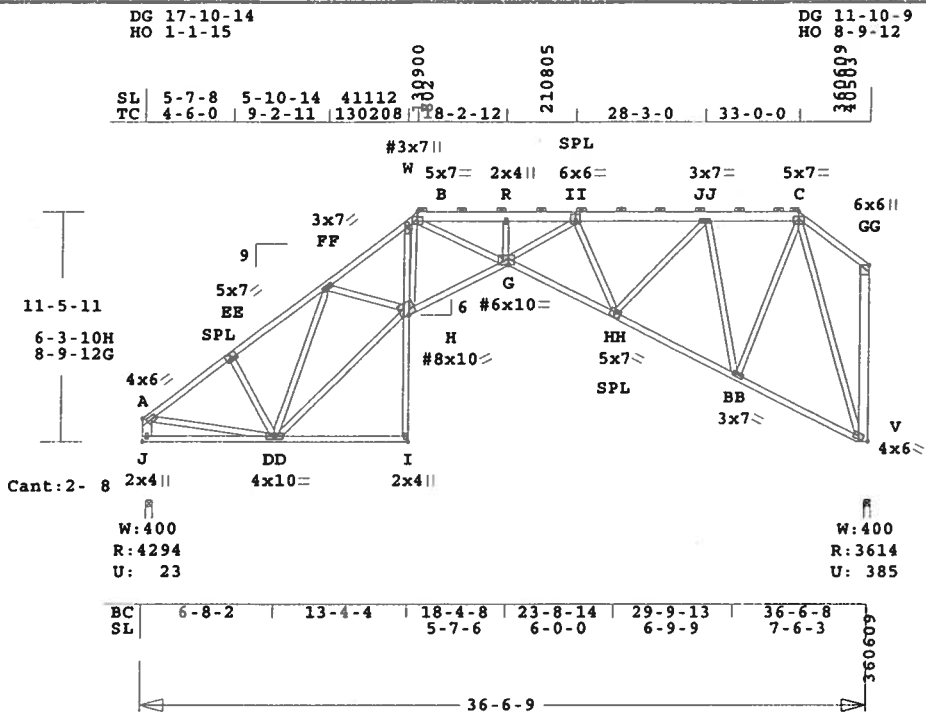
Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	A6	6	SP	460900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.
 NOTE: USER MODIFIED PLATES
 This design may have plates
 selected through a plate
 monitor.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 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---
 36- 4- 8 46- 9- 0
 Max comp. force 2613 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	AG1	2*3P	SP	300609	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Scale: 0.104" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 378.1 LBS

Online Plus -- Version 20.0.011
 RUN DATE: 19-DEC-06

 * 3-Ply Truss *

CSI	-Size-	-----Lumber-----
TC	0.42	2x 4 SP-#2
EX B	-II	2x 6 SP-#2
EX II-C	2x 6	SP-#2
BC	0.83	2x 4 SP-#2
CW	0.08	2x 4 SP-#2
WB	0.53	2x 4 SP-#2
EX J	-A	2x 6 SP-#2
EX V	-GG	2x 6 SP-#2

Brace truss as follows:				
O.C.	From	To		
TC	2- 0- 0	0- 0- 0	13- 9- 0	0
TC	2- 0- 0	13- 9- 0	33- 0- 0	0
TC	2- 0- 0	33- 0- 0	36- 6- 9	0
BC	2- 0- 0	0- 0- 0	36- 6- 9	0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			57.0"
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	

Load Case # 1 Standard Loading				
Lumber Duration Factor				1.25
plate Duration Factor				1.25
plf - Live	Dead	From	To	
TC V	95	48	0.0'	36.5'
BC V	0	48	0.0'	36.5'
TC V	0	166	2.0'	
	0	0		13.8'

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

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
J	4294	24	4- 0	1-11
			Hx =	-568
V	3614	386	4- 0	1- 8
			Hx =	868

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A	-EE	0.31	5196	C	0.01 0.30
EE	-FF	0.31	4700	C	0.01 0.30

FF-W	0.26	8941	C	0.06	0.20
W-B	0.42	9789	C	0.07	0.35
B-R	0.35	14754	C	0.07	0.28
R-II	0.35	14754	C	0.07	0.28
II-JJ	0.14	6063	C	0.01	0.13
JJ-C	0.14	2398	C	0.00	0.14
C-GG	0.19	634	T	0.00	0.19

-----Bottom Chords-----					
J-DD	0.24	538	T	0.00	0.24
DD-I	0.24	18	T	0.00	0.24
H-G	0.69	7663	T	0.43	0.26
G-HH	0.83	9090	T	0.51	0.32
HH-BB	0.35	3479	T	0.19	0.16
BB-V	0.24	1266	T	0.05	0.19

-----Chord-Webs-----					
I-H	0.08	232	T	0.00	0.08
H-W	0.05	1793	C	0.05	0.00

-----Webs-----					
J-A	0.08	4160	C	WindLd	
A-DD	0.26	4298	T		
EE-DD	0.03	1052	C		
DD-FF	0.19	4451	C		
DD-H	0.43	7017	T		
FF-H	0.13	2181	T		
H-B	0.16	2678	T		
B-G	0.53	8621	T		
G-R	0.02	458	T		
G-II	0.47	7723	T		
II-HH	0.19	5647	C		
HH-JJ	0.26	4303	T		
JJ-BB	0.17	3906	C		
BB-C	0.20	3403	T		
C-V	0.27	3875	C		
V-GG	0.13	551	C	WindLd	

TL Defl	-0.64"	in G	-HH	L/669
LL Defl	-0.29"	in G	-HH	L/999
Hx Disp	LL	DL	TL	
Jt V	0.33"	0.39"	0.72"	
Shear //	Grain	in W	-B	0.53

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 0.81
 EE LOCK 5.0x 7.0-0.4 0.5 0.73
 FF LOCK 3.0x 7.0 Ctr Ctr 0.54
 W# LOCK 3.0x 7.0-0.1-0.4 0.12
 B LOCK 5.0x 7.0 Ctr-0.8 0.89
 R LOCK 2.0x 4.0 Ctr Ctr 0.45
 II LOCK 6.0x 6.0 Ctr Ctr 1.2 0.87
 JJ LOCK 3.0x 7.0 Ctr Ctr 0.55
 C LOCK 5.0x 7.0 Ctr-0.8 0.89

GG LOCK	6.0x 6.0-0.2-0.7	0.63
J LOCK	2.0x 4.0 Ctr Ctr	0.83
DD LOCK	4.0x10.0 Ctr Ctr	0.82
I LOCK	2.0x 4.0 Ctr Ctr	0.58
H# LOCK	8.0x10.0 Ctr	1.9 0.70
G# LOCK	6.0x10.0-1.4-0.9	0.66
HH LOCK	5.0x 7.0-0.2-0.5	0.74
BB LOCK	3.0x 7.0 Ctr Ctr	0.76
V LOCK	4.0x 6.0 Ctr Ctr	0.76

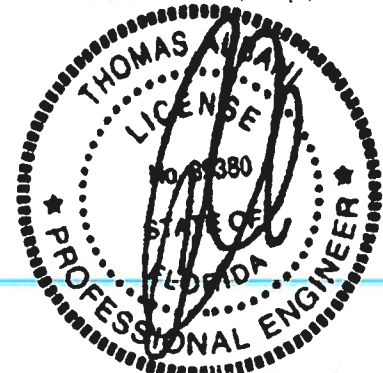
= Plate Monitor used

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

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

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 3 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS4.5 screws -OR- 16d nails
 as each layer is applied.)
 -----Spacing (In)-----
 Rows Nails Screws Bolts
 TC 1 12 24 0

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

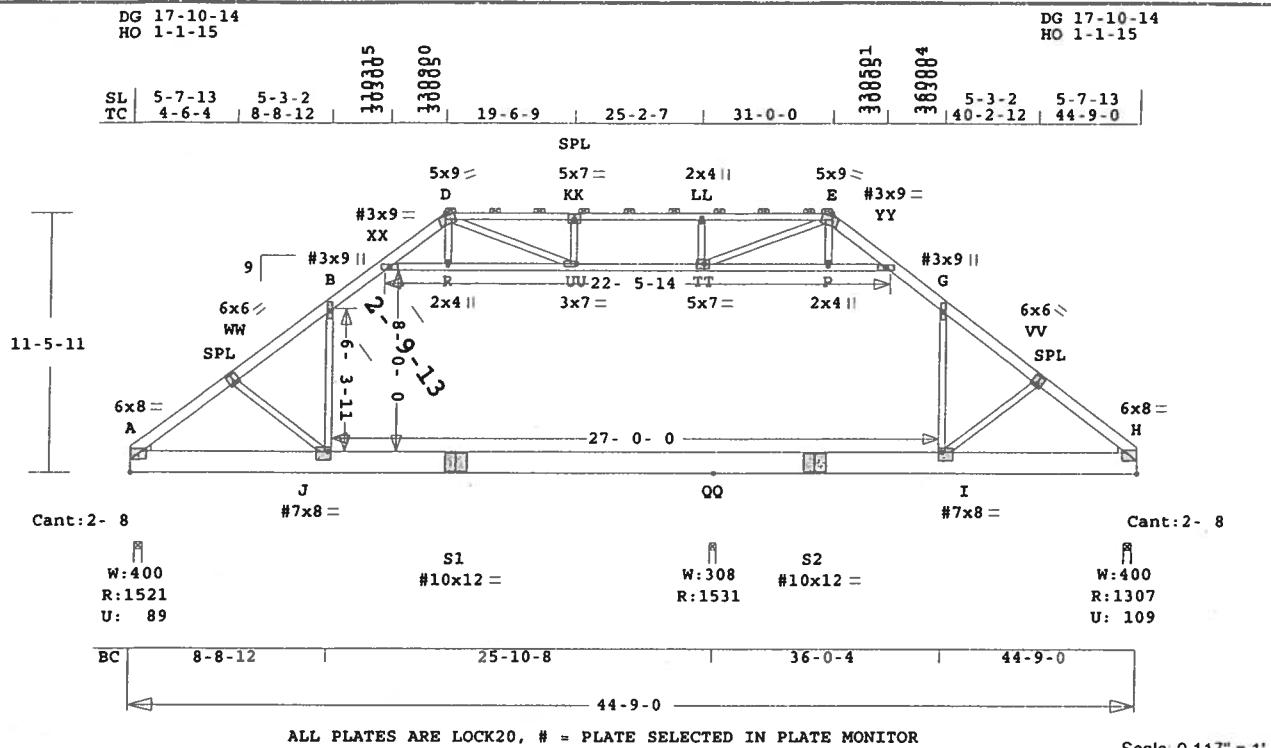


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	AG1	2*3P	SP	360609	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

BC 1 12 24 0
 WB 1 8 8
 Web Connection Exception --
 Use 4" spacing for screws or
 nails on the following webs
 DD-FF JJ-BB C -V
 No bolts in 2x4s or smaller.
 Provide connection to bearing
 for 867 Lbs Horiz Reaction
 Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.
 Max gap between edge of brg
 and end vertical is 1/2".
 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 14754 Lbs
 Quality Control Factor 1.25

Job BSESSIONS	Mark B1	Quan 11	Type ATPB	Span 440900	P1-H1 9	Left OH 0	Right OH 0	Engineering T06121646
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U# J#BSESSIONS BARRY SESSIONS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 508.9 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI	-Size-	-----Lumber----
TC	0.88	2x 6 SP-#2
EX D	-KK	2x 4 SP-#2
EX KK-E	2x 4	SP-#2
BC	0.97	2x12 SP-#2
WB	0.12	2x 4 SP-#2
ACT	0.13	2x 4 SP-#2
AWT	0.20	2x 4 SP-#2
PB	---	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	13- 9- 0
TC	2- 0- 0	13- 9- 0
TC Cont.	31- 0- 0	44- 9- 0
BC Cont.	0- 0- 0	44- 9- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			16.0"
Lumber Duration Factor			1.00
Plate Duration Factor			1.00
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Load Case # 1 Attic Loading				
Lumber	Duration	Factor	1.00	
Plate	Duration	Factor	1.00	
plf -	Live	Dead	From	To
TC V	27	13	0.0'	44.8'
BC V	0	13	0.0'	44.8'
TC V	0	7	8.9'	11.1'
TC V	0	7	33.6'	35.9'
BC V	53	7	8.9'	35.9'
MA V	0	7	11.3'	25.3'
MA V	0	7	25.3'	33.4'
MA V	0	7	0.5'	7.1'
MA V	0	7	0.5'	7.1'

Plus 9 Wind Load Case(s)
Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
A	1521	89	4- 0	1-13
			Hx =	-170
QQ	1532	0	3- 8	1-10
H	1307	109	4- 0	1- 9
			Hx =	171

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -WW	0.20	1991	C	0.01	0.19
WW-B	0.79	1827	C	0.01	0.78
B -XX	0.78	1433	C	0.00	0.78
XX-D	0.41	684	C	0.00	0.41
D -KK	0.22	1098	C	0.01	0.21
KK-LL	0.34	1098	C	0.01	0.33
LL-E	0.34	1083	C	0.01	0.33
E -YY	0.88	602	C	0.00	0.88
YY-G	0.88	1453	C	0.00	0.88
G -VV	0.27	1745	C	0.01	0.26
VV-H	0.23	1875	C	0.01	0.22
-----Bottom Chords-----					
A -J	0.51	1594	T	0.14	0.37
J -S1	0.94	1367	T	0.12	0.82
S1-QQ	0.97	1367	T	0.13	0.84
QQ-S2	0.97	1367	T	0.13	0.84
S2-I	0.59	1367	T	0.12	0.47
I -H	0.59	1473	T	0.12	0.47
-----Webs-----					
WW-J	0.11	316	C		
J -B	0.12	687	T		
I -G	0.10	495	T		
I -VV	0.06	184	C		
-----Attic Chords (Top)-----					
XX-R	0.09	897	C	0.09	0.00
R -UU	0.09	900	C	0.00	0.09
UU-TT	0.12	655	C	0.00	0.12
TT-P	0.13	1051	C	0.01	0.12
P -YY	0.11	1049	C	0.11	0.00
-----Attic Webs (Top)-----					
R -D	0.01	54	T		
D -UU	0.16	734	T		
UU-KK	0.02	225	C		
TT-LL	0.03	258	C		
TT-E	0.20	879	T		
P -E	0.00	38	T		

TL Defl	-0.74"	in J -S1 L/406
LL Defl	-0.56"	in J -S1 L/544
Shear // Grain	in B -XX	0.42

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 6.0x 8.0 1.2 0.7 0.85
WW LOCK 6.0x 6.0-0.9 1.2 0.63
B# LOCK 3.0x 9.0 Ctr 0.3 0.34
XX#LOCK 3.0x 9.0 Ctr Ctr 0.34
D LOCK 5.0x 9.0 1.3-3.8 0.73
KK LOCK 5.0x 7.0 Ctr 0.5 0.84
LL LOCK 2.0x 4.0 Ctr Ctr 0.50

E LOCK	5.0x 9.0-1.3-3.8	0.73
YY#LOCK	3.0x 9.0 Ctr Ctr	0.34
G# LOCK	3.0x 9.0 Ctr 0.3	0.34
VV LOCK	6.0x 6.0 0.9 1.2	0.63
H LOCK	6.0x 8.0-1.2 0.7	0.85
J# LOCK	7.0x 8.0-0.5-1.1	0.39
S1#LOCK	10.0x12.0 Ctr Ctr	0.75
S2#LOCK	10.0x12.0 Ctr Ctr	0.38
I# LOCK	7.0x 8.0 0.5-1.1	0.39
R LOCK	2.0x 4.0 Ctr Ctr	0.50
UU LOCK	3.0x 7.0 Ctr Ctr	0.90
TT LOCK	5.0x 7.0 Ctr Ctr	0.61
P LOCK	2.0x 4.0 Ctr Ctr	0.50

= Plate Monitor used

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

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

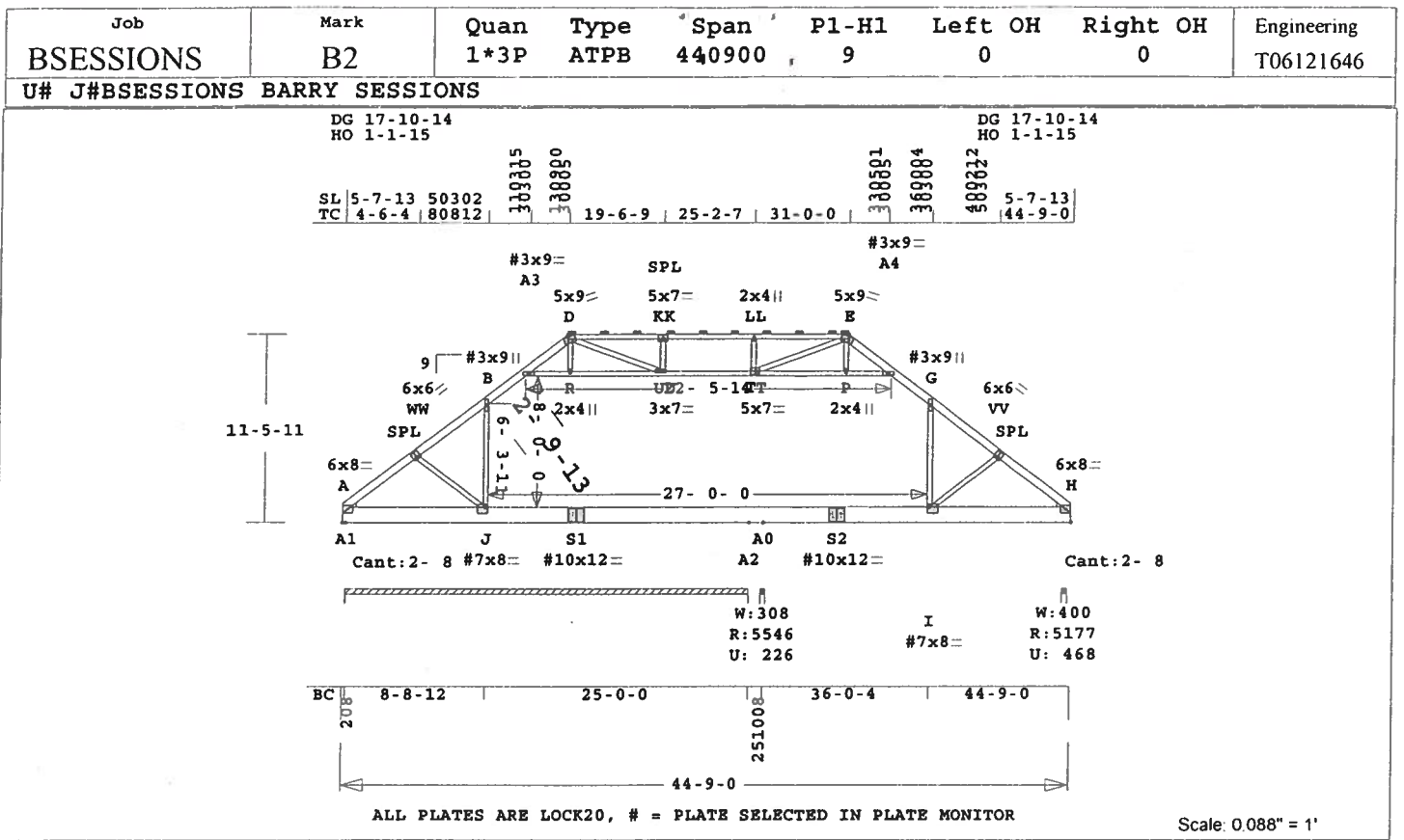
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B1	11	ATPB	440900 ,	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

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
 Unbalanced Loads Checked
 Load Factors = 1.00 and 0.00
 Max comp. force 1991 Lbs
 Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 508.9 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

* 3-Ply Truss *

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

TC	0.59	2x 6	SP-#2
EX D	-KK	2x 4	SP-#2
EX KK-E	2x 4	SP-#2	
BC	0.85	2x12	SP-#2
WB	0.10	2x 4	SP-#2
ACT	0.08	2x 4	SP-#2
AWT	0.19	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC	2- 0- 0	0- 0- 0 13- 9- 0
TC	2- 0- 0	13- 9- 0 31- 0- 0
TC	2- 0- 0	31- 0- 0 44- 9- 0
BC	2- 0- 0	0- 0- 0 44- 9- 0

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	20.0

Spacing 51.0"

Lumber Duration Factor 1.00

Plate Duration Factor 1.00

TC Fb=1.15 Pc=1.10 Ft=1.10

BC Fb=1.10 Pc=1.10 Ft=1.10

Load Case # 1 Attic Loading

Lumber Duration Factor 1.00

Plate Duration Factor 1.00

plf	Live	Dead	From	To
TC V	85	43	0.0'	44.8'
BC V	0	43	0.0'	44.8'
BC V	85	36.0	0.0'	44.8'
BC V	85	85	0.0'	8.7'
TC V	0	21	8.9'	11.1'
TC V	0	21	33.6'	35.9'
BC V	170	21	8.9'	35.9'
MA V	0	21	11.3'	25.3'
MA V	0	21	25.3'	33.4'
MA V	0	21	0.5'	7.1'
MA V	0	21	0.5'	7.1'

Plus 9 Wind Load Case(s)
Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
Cont. Brg 0- 2- 8 to 25- 0- 0

A0	5546	226	3- 8	2- 0
H	5178	469	4- 0	2- 1

Hz = 546

Membr CSI P Lbs Axl-CSI-Bnd

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

A-WW	0.11	5304	C	0.01	0.10
WW-B	0.38	4868	C	0.01	0.37
B-A3	0.59	4156	C	0.00	0.59
A3-D	0.59	2150	C	0.00	0.59
D-KK	0.29	3702	C	0.01	0.28
KK-LL	0.29	3702	C	0.01	0.28
LL-E	0.25	3655	C	0.01	0.24
E-A4	0.36	2147	C	0.00	0.36
A4-G	0.45	4132	C	0.00	0.45
G-VV	0.46	4966	C	0.01	0.45
VV-H	0.17	5452	C	0.01	0.16

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

A-J	0.14	1474	T	0.00	0.14
J-S1	0.15	1443	T	0.00	0.15
S1-A2	0.39	1443	T	0.00	0.39
A2-A0	0.85	3786	T	0.12	0.73
A0-S2	0.85	3786	T	0.12	0.73
S2-I	0.57	3786	T	0.12	0.45
I-H	0.59	4424	T	0.14	0.45

-----Webs-----

WW-J	0.02	620	C		
J-B	0.10	1307	T		
I-G	0.08	1377	T		
I-VV	0.03	841	C		

-----Attic Chords (Top)-----

A3-R	0.08	2521	C	0.08	0.00
R-UU	0.06	2528	C	0.03	0.03
UU-TT	0.07	1205	C	0.02	0.05
TT-P	0.07	2240	C	0.03	0.04
P-A4	0.07	2232	C	0.07	0.00

-----Attic Webs (Top)-----

R-D	0.01	131	T		
D-UU	0.19	2586	T		
UU-KK	0.02	764	C		
TT-LL	0.02	735	C		
TT-E	0.18	2364	T		
P-E	0.01	144	T		

TL Defl -0.23" in S2-I L/938
LL Defl 0.00" in J-S1 L/439
Shear // Grain in A2-A0 0.57

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 6.0x 8.0 1.2 0.7 0.85

WW LOCK	6.0x	6.0-0.9	1.2	0.63
B# LOCK	3.0x	9.0 Ctr	0.3	0.34
A3#LOCK	3.0x	9.0 Ctr	0.3	0.34
D LOCK	5.0x	9.0 1.3-3.8	0.73	
KK LOCK	5.0x	7.0 Ctr	0.5	0.84
LL LOCK	2.0x	4.0 Ctr	0.5	0.50
E LOCK	5.0x	9.0-1.3-3.8	0.73	
A4#LOCK	3.0x	9.0 Ctr	0.3	0.34
G# LOCK	3.0x	9.0 Ctr	0.3	0.34
VV LOCK	6.0x	6.0 0.9 1.2	0.63	
H LOCK	6.0x	8.0-1.2	0.7	0.85
J# LOCK	7.0x	8.0-0.5-1.1	0.39	
S1#LOCK	10.0x	12.0 Ctr	0.38	
S2#LOCK	10.0x	12.0 Ctr	0.38	
I# LOCK	7.0x	8.0 0.5-1.1	0.39	
R LOCK	2.0x	4.0 Ctr	0.5	0.50
UU LOCK	3.0x	7.0 Ctr	0.9	0.90
TT LOCK	5.0x	7.0 Ctr	0.61	
P LOCK	2.0x	4.0 Ctr	0.5	0.50

= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B2	1*3P	ATPB	440900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

Analysis Conforms To:

FBC2004

3 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered pattern. (1/2" bolts -OR- SDS4.5 screws -OR- 16d nails as each layer is applied.)

----Spacing (In)----

Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 3	12	24	0
WB 1	8	8	

No bolts in 2x4s or smaller.

Provide connection to bearing

for 546 Lbs Horiz Reaction

Design checked for 10 psf non-

concurrent LL on BC.

Prevent truss rotation at all

bearing locations.

NOTE: USER MODIFIED PLATES

This design may have plates

selected through a plate

monitor.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

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

Unbalanced Loads Checked

Load Factors = 1.00 and 0.00

Max comp. force 5452 Lbs

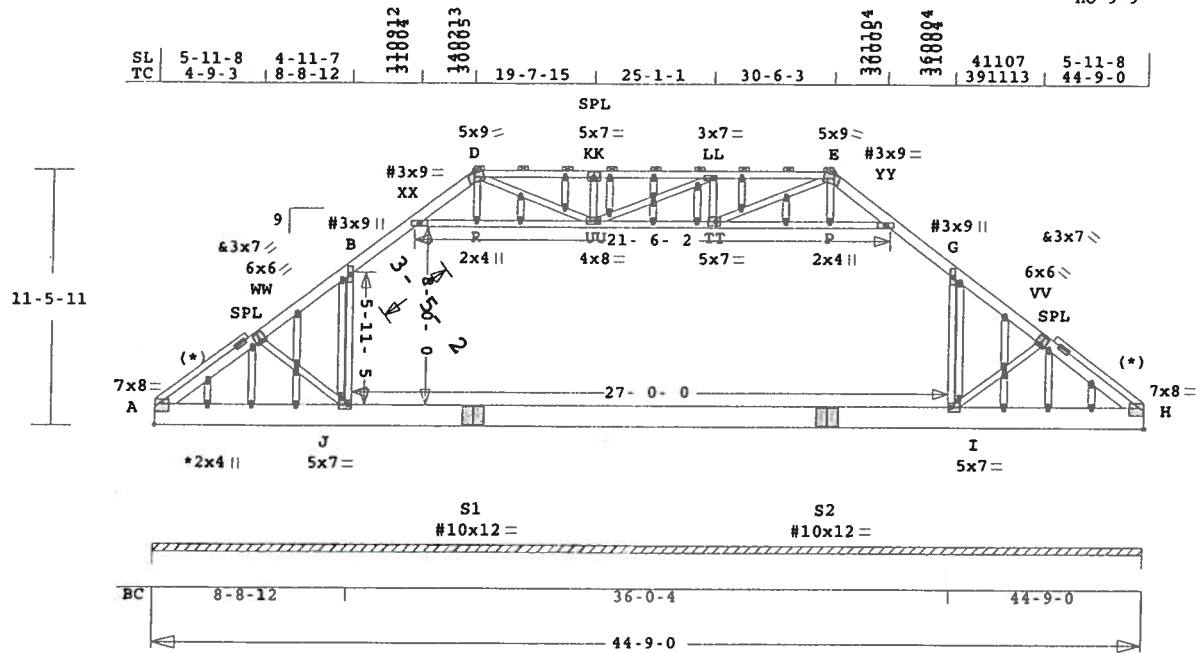
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B3	1	ATPB	440900	9	0	0	T06121646

U# J#BSESSIONS BARRY SESSIONS

DG 18-3-6
HO 9-9

DG 18-3-6
HO 9-9



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR
See * For Typical Gable Plate Size and Placement

Scale: 0.115" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 599.6 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

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

TC	0.24	2x 4	SP-#2(*)
EX A -WW	2x 6	SP-#2	
EX WW-D	2x 6	SP-#2	
EX E -VV	2x 6	SP-#2	
EX VV-H	2x 6	SP-#2	
BC	0.45	2x12	SP-#2
WB	0.13	2x 4	SP-#2
ACT	0.16	2x 4	SP-#2
AWT	0.15	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14- 2-13
TC	2- 0- 0	14- 2-13 30- 6- 3
TC Cont.	30- 6- 3	44- 9- 0
BC Cont.	0- 0- 0	44- 9- 0

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	20.0
Spacing		16.0"
Lumber Duration Factor		1.00
Plate Duration Factor		1.00
TC Fb=1.15 Fc=1.10 Ft=1.10		
BC Fb=1.10 Fc=1.10 Ft=1.10		

Load Case # 1 Attic Loading

plf	Live	Dead	From	To
TC V	27	13	0.0'	44.8'
BC V	0	13	0.0'	44.8'
TC V	0	7	8.9'	11.6'
TC V	0	7	33.1'	35.9'
BC V	53	7	8.9'	35.9'
MA V	0	7	11.8'	25.2'
MA V	0	7	25.2'	32.9'
MA V	0	7	0.5'	6.8'
MA V	0	7	0.5'	6.8'

Plus 9 Wind Load Case(s)
Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs	Lbs In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 44- 9- 0
4184	69	Hz = 170

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

A -WW	0.16	999	C	0.00	0.16
WW-B	0.18	860	C	0.00	0.18
B -XX	0.18	905	C	0.00	0.18
XX-D	0.07	760	C	0.00	0.07
D -KK	0.19	1200	C	0.01	0.18
KK-LL	0.20	1200	C	0.01	0.19
LL-E	0.20	1190	C	0.01	0.19
E -YY	0.07	759	C	0.00	0.07
YY-G	0.18	905	C	0.00	0.18
G -VV	0.18	864	C	0.00	0.18
VV-H	0.24	1008	C	0.01	0.23

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

A -J	0.10	1	T	0.00	0.10
J -S1	0.45	0	T	0.00	0.45
S1-S2	0.45	0	T	0.00	0.45
S2-I	0.45	0	T	0.00	0.45
I -H	0.12	1	T	0.00	0.12

-----Webs-----

WW-J	0.05	171	C		
J -B	0.13	264	C		
I -G	0.12	256	C		
I -VV	0.06	181	C		

-----Attic Chords (Top)-----

XX-R	0.04	142	C	0.00	0.04
R -UU	0.04	144	C	0.00	0.04
UU-TT	0.16	549	T	0.11	0.05
TT-P	0.04	144	C	0.00	0.04
P -YY	0.04	142	C	0.00	0.04

-----Attic Webs (Top)-----

R -D	0.00	37	T		
D -UU	0.15	678	T		
UU-KK	0.02	210	C		
UU-LL	0.01	27	C		
TT-LL	0.02	222	C		
TT-E	0.15	669	T		
P -E	0.00	34	T		

TL Defl -0.15" in S1-S2 L/999
LL Defl -0.12" in S1-S2 L/999
Shear // Grain in S1-S2 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	Type	Plt Size	X	Y	JSI
A LOCK	7.0x 8.0	2.9	Ctr	0.88	
WW LOCK	6.0x 6.0	0.9	1.2	0.63	
B# LOCK	3.0x 9.0	Ctr	0.3	0.34	
XX#LOCK	3.0x 9.0	Ctr	Ctr	0.34	
D LOCK	5.0x 9.0	1.3-3.8	0.72		
KK LOCK	5.0x 7.0	Ctr	0.5	0.84	
LL LOCK	3.0x 7.0	Ctr	Ctr	0.51	
E LOCK	5.0x 9.0	1.3-3.8	0.72		
YY#LOCK	3.0x 9.0	Ctr	Ctr	0.34	

G# LOCK	3.0x 9.0	Ctr	0.3	0.34
VV LOCK	6.0x 6.0	0.9	1.2	0.63
H LOCK	7.0x 8.0	2.9	Ctr	0.88
J LOCK	5.0x 7.0	Ctr	Ctr	0.39
S1#LOCK	10.0x12.0	Ctr	Ctr	0.46
S2#LOCK	10.0x12.0	Ctr	Ctr	0.46
I LOCK	5.0x 7.0	Ctr	Ctr	0.39
R LOCK	2.0x 4.0	Ctr	Ctr	0.50
UU LOCK	4.0x 8.0	Ctr	Ctr	0.68
TT LOCK	5.0x 7.0	Ctr	Ctr	0.61
P LOCK	2.0x 4.0	Ctr	Ctr	0.50

= Plate Monitor used
18 Gable studs to be attached
with 2.0x4.0 plates each end.

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B3	1	ATPB	440900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

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

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

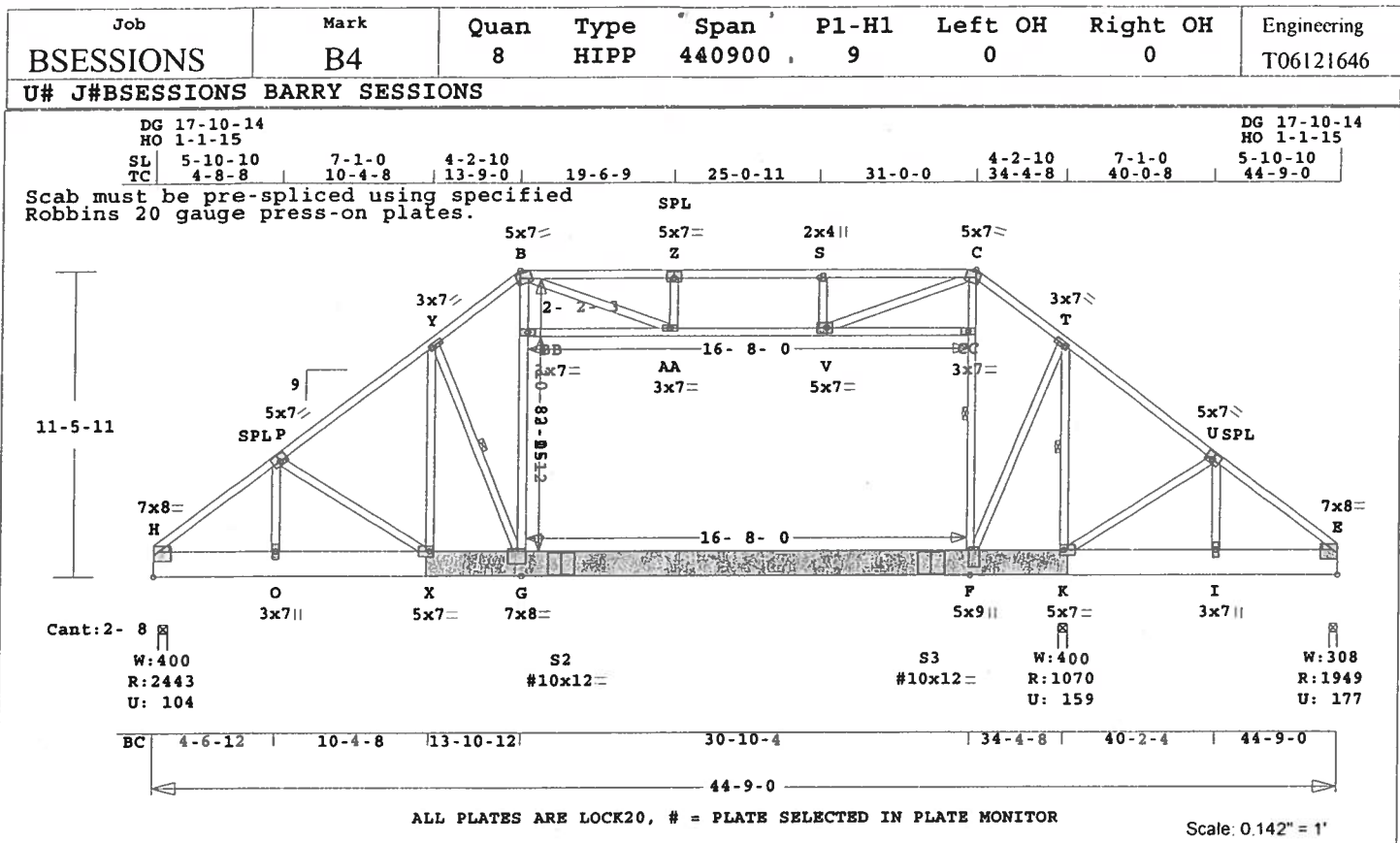
BC Dead Load: 5.0 psf

Unbalanced Loads Checked

Load Factors = 1.00 and 0.00

Max comp. force 1200 Lbs

Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 688.3 LBS

Online Plus -- Version 20.0.010
RUN DATE: 19-DEC-06

CSI -Size- ---Lumber---

TC	0.68	2x 4	SP-#2
BC	0.84	2x12	SP-#2
WB	0.47	2x 4	SP-#2
ACT	0.26	2x 4	SP-#2
AWT	0.28	2x 4	SP-#2
PB	---	2x 4	SP-#2
SCB	(1)	2x12	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	44- 9- 0
BC Cont.	0- 0- 0	44- 9- 0
WB 1 rows CLB	on Y - G	
WB 1 rows CLB	on G - BB	
WB 1 rows CLB	on F - CC	
WB 1 rows CLB	on K - T	

Attach CLB with (2)-10d nails at each web.

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

Spacing 24.0"

Lumber Duration Factor 1.00

Plate Duration Factor 1.00

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Load Case # 1 Attic Loading

Lumber	Duration Factor	1.00
Plate	Duration Factor	1.00

plf - Live Dead From To

TC V	40	20	0.0'	44.8'
BC V	0	20	0.0'	44.8'
BC V	80	10	14.0'	30.7'
MA V	0	10	13.9'	25.3'
MA V	0	10	25.3'	30.9'
MA V	0	10	0.5'	11.2'
MA V	0	10	0.5'	11.2'

Plus 9 Wind Load Case(s)

Plus 2 Unbalanced Load Cases

Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	2444	105	4- 0	2-14
			Hx =	-255
K	1071	160	4- 0	1- 8
E	1949	178	3- 8	2- 5
			Hx =	256

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
H - P	0.43	2812	C	0.09	0.34
P - Y	0.68	3037	C	0.21	0.47
Y - B	0.50	2967	C	0.09	0.41
B - Z	0.39	3436	C	0.17	0.22
Z - S	0.31	3436	C	0.12	0.19
S - C	0.34	3412	C	0.17	0.17
C - T	0.61	2939	C	0.10	0.51
T - U	0.55	2441	C	0.13	0.42
U - E	0.38	2398	C	0.05	0.33
-----Bottom Chords-----					
H - O	0.80	2246	T	0.22	0.58
O - X	0.46	2246	T	0.22	0.24
X - G	0.34	2425	T	0.20	0.14
G - S2	0.34	2382	T	0.20	0.14
S2 - S3	0.59	2382	T	0.23	0.36
S3 - F	0.84	2382	T	0.23	0.61
F - K	0.80	1946	T	0.19	0.61
K - I	0.36	1920	T	0.18	0.18
I - E	0.43	1920	T	0.18	0.25

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Webs-----					
O - P	0.11	566	C		
P - X	0.06	293	T		
X - Y	0.18	225	C		
Y - G	0.11	442	C		1 Br
G - BB	0.35	1240	T	0.24	0.11
BB - B	0.36	1269	T	0.25	0.11
CC - C	0.47	1223	T	0.24	0.23
F - CC	0.47	1198	T	0.24	0.23
F - T	0.26	1163	T		
K - T	0.38	1641	C		1 Br
K - U	0.04	302	T		
I - U	0.07	363	C		
-----Attic Chords (Top)-----					
BB - AA	0.05	54	C	0.00	0.05
AA - V	0.26	1059	T	0.22	0.04
V - CC	0.03	122	C	0.00	0.03
-----Attic Webs (Top)-----					
B - AA	0.27	1170	T		
AA - Z	0.04	352	C		
V - S	0.04	364	C		
V - C	0.28	1231	T		

TL Defl -0.50" in G -S2 L/801

LL Defl -0.31" in G -S2 L/999

Shear // Grain in H -H 0.93

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

H LOCK 7.0x 8.0 2.9 Ctr 0.88

P LOCK 5.0x 7.0-0.4 0.5 0.81

Y	LOCK	3.0x 7.0	Ctr	Ctr	0.55
B	LOCK	5.0x 7.0	1.7-3.5	0.80	
Z	LOCK	5.0x 7.0	Ctr	0.5 0.84	
S	LOCK	2.0x 4.0	Ctr	Ctr	0.50
C	LOCK	5.0x 7.0	1.7-3.5	0.81	
T	LOCK	3.0x 7.0	Ctr	Ctr	0.97
U	LOCK	5.0x 7.0	0.4 0.5	0.81	
E	LOCK	7.0x 8.0	2.9 Ctr	0.88	
O	LOCK	3.0x 7.0	Ctr	Ctr	0.34
X	LOCK	5.0x 7.0	Ctr	Ctr	0.39
G	LOCK	7.0x 8.0	0.5-2.1	0.65	
S2#LOCK	10.0x12.0	Ctr	Ctr	0.38	
S3#LOCK	10.0x12.0	Ctr	Ctr	0.65	
F	LOCK	5.0x 9.0	Ctr-3.1	0.96	
K	LOCK	5.0x 7.0	Ctr	Ctr	0.39
I	LOCK	3.0x 7.0	Ctr	Ctr	0.34
BB	LOCK	3.0x 7.0	Ctr	Ctr	0.80
AA	LOCK	3.0x 7.0	Ctr	Ctr	0.90
V	LOCK	5.0x 7.0	Ctr	Ctr	0.61
CC	LOCK	3.0x 7.0	Ctr	Ctr	0.80

= Plate Monitor used

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Truss Design Engineer: Thomas A. Albani

License # 39380

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



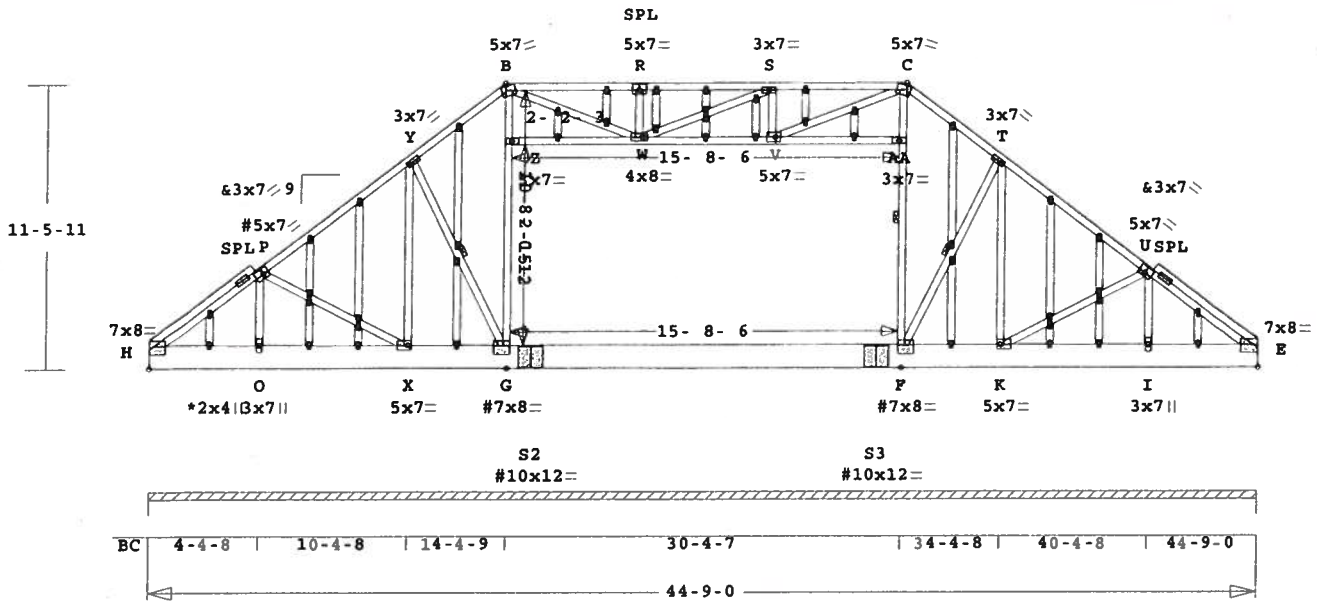
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B4	8	HIPP	440900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 Fasten each scab with 2 row(s)
 of 10d nails at 6 In o.c.
 along entire length.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.
 NOTE: USER MODIFIED PLATES
 This design may have plates
 selected through a plate
 monitor.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 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--
 34- 4- 8 44- 9- 0
 Unbalanced Loads Checked
 Load Factors = 1.00 and 0.00
 Max comp. force 3436 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B5	1	HIPP	440900	9	0	0	T06121646

U# J#BSESSIONS BARRY SESSIONS

DG 18-3-6 HO 9-9	5-7-13 4-6-4	7-3-13 10-4-8	4-9-14 14-2-13	19-8-8	24-10-12	30-6-3	4-9-14 34-4-8	7-3-13 40-2-12	5-7-13 44-9-0
SL	TC								



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR
See * For Typical Gable Plate Size and Placement

Scale: 0.129" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 665.1 LBS

Online Plus -- Version 20.0.010
RUN DATE: 19-DEC-06

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

TC	0.39	2x 4	SP-#2
BC	0.53	2x12	SP-#2
WB	0.13	2x 4	SP-#2
ACT	0.25	2x 4	SP-#2
AWT	0.23	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	44- 9- 0
BC Cont.	0- 0- 0	44- 9- 0
WB 1 rows CLB on Y -G		
WB 1 rows CLB on G -Z		
WB 1 rows CLB on F -AA		
WB 1 rows CLB on F -T		

Attach CLB with (2)-10d nails
at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.00
Plate Duration Factor			1.00
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Load Case # 1 Attic Loading

plf - Live	Dead	From	To
TC V	40	20	0.0' 44.8'
BC V	0	20	0.0' 44.8'
BC V	80	10	14.5' 30.2'
MA V	0	10	14.4' 25.1'
MA V	0	10	25.1' 30.4'
MA V	0	10	0.5' 11.2'
MA V	0	10	0.5' 11.2'

Plus 9 Wind Load Case(s)
Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size Req'd
Cont.	Brg	0- 0- 0	to 44- 9- 0
		5152	239 Hz = 256

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
H -P	0.34	107 C	0.00	0.34
P -Y	0.39	50 C	0.01	0.38

Y -B	0.38	83 C	0.00	0.38
B -R	0.30	949 C	0.00	0.30
R -S	0.28	949 C	0.00	0.28
S -C	0.30	926 C	0.00	0.30
C -T	0.38	83 C	0.00	0.38
T -U	0.39	51 C	0.01	0.38
U -E	0.34	107 C	0.00	0.34

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

H -O	0.02	0 T	0.00	0.02
O -X	0.02	0 T	0.00	0.02
X -G	0.20	0 T	0.00	0.20
G -S2	0.53	0 T	0.00	0.53
S2 -S3	0.53	0 T	0.00	0.53
S3 -F	0.53	0 T	0.00	0.53
F -K	0.20	0 T	0.00	0.20
K -I	0.02	0 T	0.00	0.02
I -E	0.02	0 T	0.00	0.02

-----Webs-----

O -P	0.04	255 C		
P -X	0.09	191 T		
X -Y	0.13	176 C		
Y -G	0.04	191 C		1 Br
G -Z	0.07	655 C	0.07	0.00
Z -B	0.07	631 C	0.07	0.00
AA -C	0.07	633 C	0.07	0.00
F -AA	0.07	655 C	0.07	0.00
F -T	0.04	191 C		1 Br
K -T	0.13	176 C		
K -U	0.09	191 T		
I -U	0.04	255 C		

-----Attic Chords (Top)-----

Z -W	0.06	31 T	0.00	0.06
W -V	0.25	975 T	0.20	0.05
V -AA	0.06	31 T	0.00	0.06

-----Attic Webs (Top)-----

B -W	0.23	1017 T		
W -R	0.04	312 C		
W -S	0.00	7 T		
V -S	0.04	314 C		
V -C	0.23	997 T		

TL Defl -0.13" in S2-S3 L/999
LL Defl -0.10" in S2-S3 L/999
Shear // Grain in G -S2 0.51

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
H LOCK	7.0x 8.0	2.9	0.88
P LOCK	5.0x 7.0	0.7-0.1	0.90
Y LOCK	3.0x 7.0	Ctr Ctr	0.52
B LOCK	5.0x 7.0	1.7-3.5	0.79
R LOCK	5.0x 7.0	Ctr Ctr	0.54

S LOCK	3.0x 7.0	Ctr Ctr	0.52
C LOCK	5.0x 7.0	1.7-3.5	0.79
T LOCK	3.0x 7.0	Ctr Ctr	0.52
U LOCK	5.0x 7.0	0.4 0.5	0.81
E LOCK	7.0x 8.0	2.9	0.88
O LOCK	3.0x 7.0	Ctr Ctr	0.34
X LOCK	5.0x 7.0	Ctr Ctr	0.41
G# LOCK	7.0x 8.0	0.5-1.1	0.48
S2#LOCK	10.0x12.0	Ctr Ctr	0.55
S3#LOCK	10.0x12.0	Ctr Ctr	0.55
F# LOCK	7.0x 8.0	0.5-1.1	0.48
K LOCK	5.0x 7.0	Ctr Ctr	0.41
I LOCK	3.0x 7.0	Ctr Ctr	0.34
Z LOCK	3.0x 7.0	Ctr Ctr	0.80
W LOCK	4.0x 8.0	Ctr Ctr	0.68
V LOCK	5.0x 7.0	Ctr Ctr	0.61
AA LOCK	3.0x 7.0	Ctr Ctr	0.80

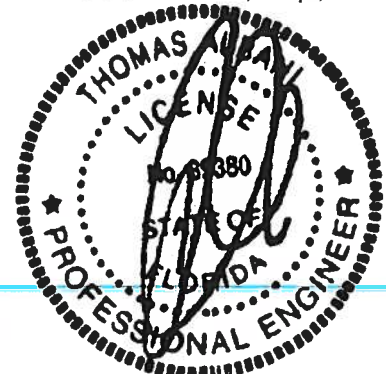
= Plate Monitor used
22 Gable studs to be attached
with 2.0x4.0 plates each end.

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	B5	1	HIPP	440900	9	0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								

Analysis Conforms To:

FBC2004

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

Prevent truss rotation at all bearing locations.

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

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

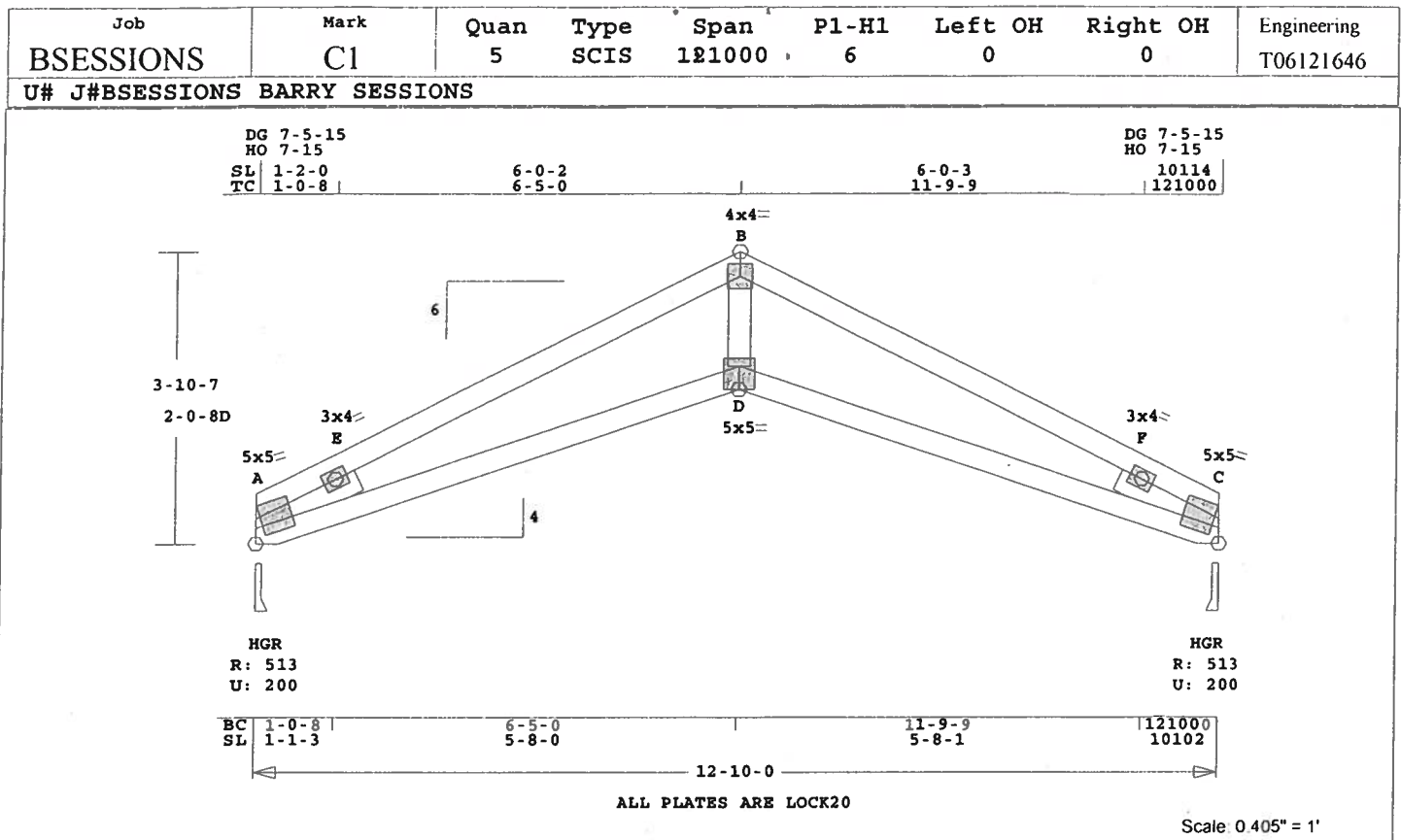
BC Dead Load: 5.0 psf

Unbalanced Loads Checked

Load Factors = 1.00 and 0.00

Max comp. force 949 Lbs

Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 61.4 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI	-Size-	-----Lumber----
TC	0.41	2x 4 SP-#2
BC	0.33	2x 4 SP-#2
WB	0.14	2x 4 SP-#2
SL	0.00	2x 4 SP-#2

Brace truss as follows:

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

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	513	200	3- 8	1- 8
			Hx =	-53
C	513	200	3- 8	1- 8
			Hx =	54

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
E -B	0.41	1460 T	0.18	0.23
B -F	0.40	1433 T	0.18	0.22
-----Bottom Chords-----				
A -D	0.33	1169 C	0.18	0.15
D -C	0.33	1164 C	0.18	0.15
-----Webs-----				

D -B	0.14	961 C
-----Sliders-----		
A -E	0.00	51 T
F -C	0.00	51 T

TL Defl	-0.08"	in D -F	L/999
LL Defl	-0.03"	in D -F <td>L/999 </td>	L/999
Hx Disp	LL	DL	TL
Jt C	0.05"	0.05"	0.09"
Shear //	Grain	in E -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 5.0x 5.0 3.2 1.2 0.89
E LOCK 3.0x 4.0 Ctr Ctr 0.50
B LOCK 4.0x 4.0 Ctr Ctr 0.54
F LOCK 3.0x 4.0 Ctr Ctr 0.50
C LOCK 5.0x 5.0 3.2 1.2 0.89
D LOCK 5.0x 5.0 Ctr-1.2 0.41

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

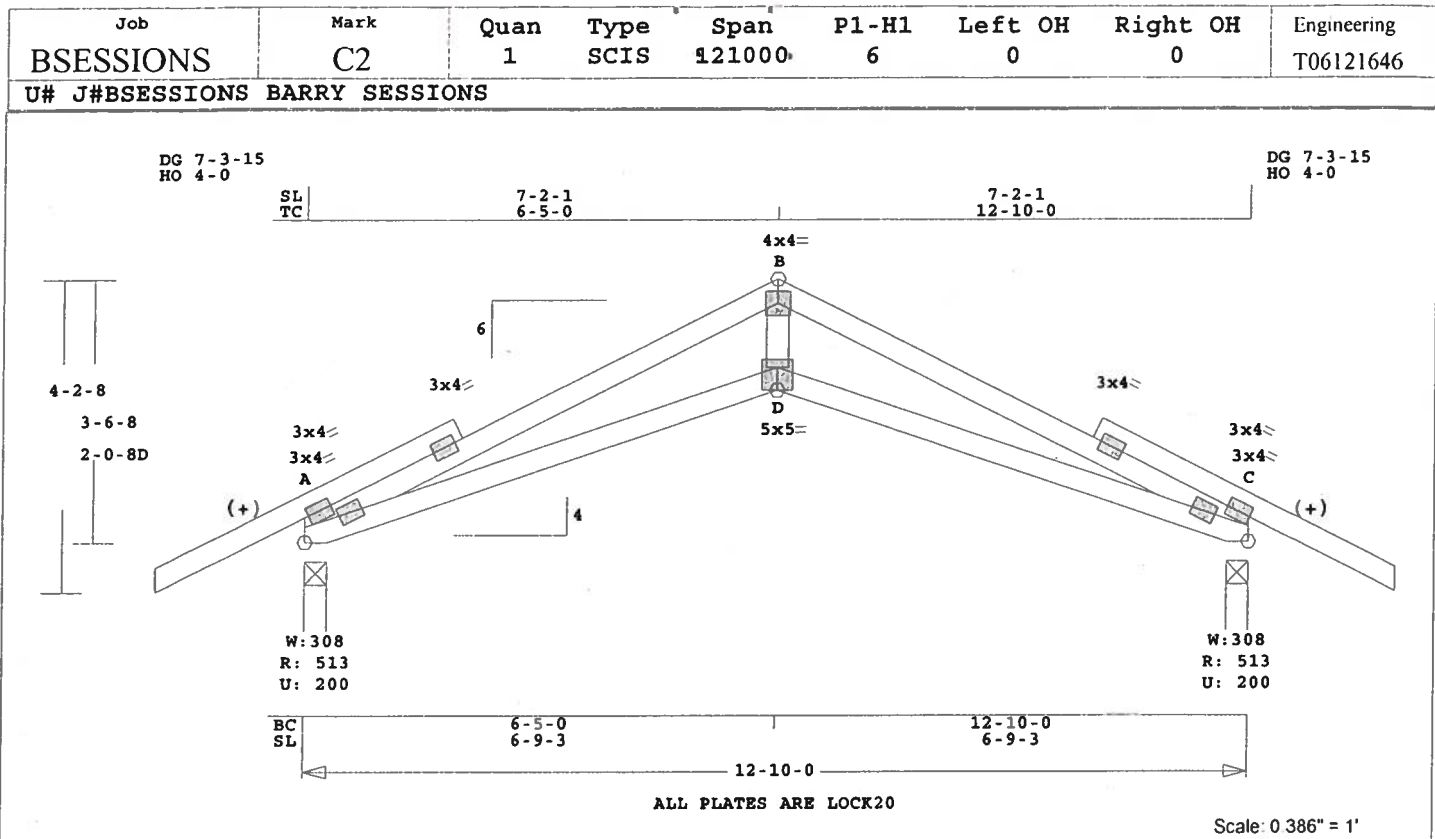
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

Truss is designed as
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 12-10- 0
Max comp. force 1441 Lbs
Quality Control Factor 1.25

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





Robbins Engineering, Inc./Online Plus[™] APPROX. TRUSS WEIGHT: 72.2 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

(+)	TC	0.52	2x 4	SP-#2
	BC	0.41	2x 4	SP-#2
	WB	0.20	2x 4	SP-#2

Brace truss as follows:

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

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

A - D	0.41	1590	C	0.25	0.16
D - C	0.41	1585	C	0.25	0.16
D - B	0.20	1290	C		

TL Defl -0.15" in A -D L/981
LL Defl -0.07" in A -D L/999
Hz Disp LL DL TL
Jt C 0.06" 0.06" 0.12"
Shear // Grain in A -B 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 3.0x 4.0 Ctr Ctr 0.82
B LOCK 4.0x 4.0 Ctr Ctr 0.54
C LOCK 3.0x 4.0 Ctr-2.4 0.83
D LOCK 5.0x 5.0 Ctr-1.2 0.57

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 12-10- 0
Max comp. force 1621 Lbs
Quality Control Factor 1.25

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	513	200	3- 8	1- 8
			Hz =	-53
C	513	200	3- 8	1- 8
			Hz =	53

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - B	0.51	1882	T	0.24	0.27
B - C	0.52	1855	T	0.24	0.28
-----Bottom Chords-----					

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

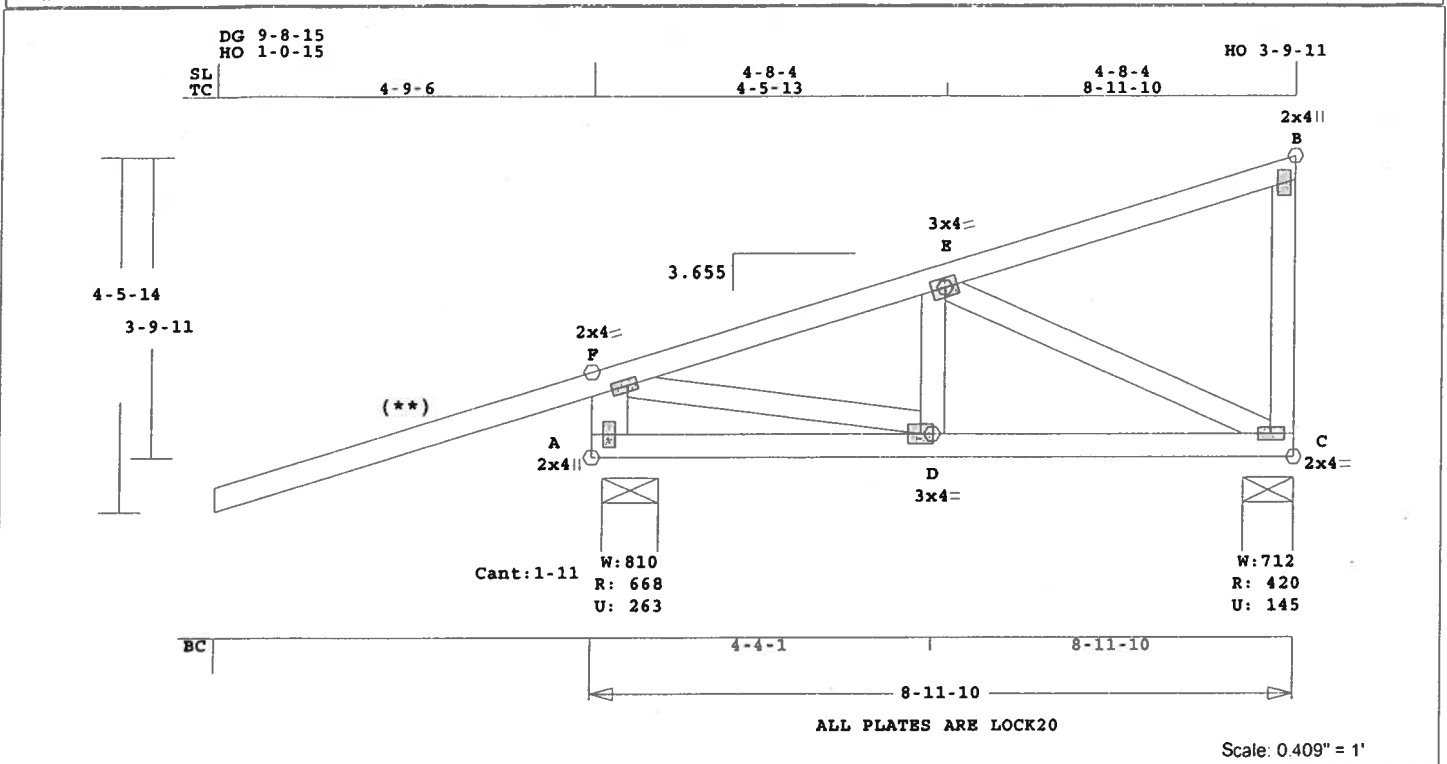
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	CJ1	2	MONO	8d110	3.655	4- 9- 6	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 71.4 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI	-Size-	----	Lumber----
TC	0.22	2x 4	SP-#1
BC	0.20	2x 4	SP-#2
WB	0.14	2x 4	SP-#2
EX A -F	2x 6	SP-#2	

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	8-11-10	
BC Cont.	0- 0- 0	8-11-10	

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

Load Case # 2 NonStandard Load	Lumber Duration Factor	Plate Duration Factor	plf - Live	Dead	From	To
TC V	40	20	0.0'	9.0'		
BC V	0	20	0.0'	9.0'		
TC V	-40	-20	0.0'	9.0'		
BC V	0	-20	0.0'	9.0'		

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	668	263	8-10	1- 8
			Hz =	-50
C	420	145	7-12	1- 8
			Hz =	121

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
F - E	0.22	652	T	0.06	0.16
E - B	0.20	57	C	0.00	0.20
-----Bottom Chords-----					
A - D	0.20	68	C	0.00	0.20
D - C	0.20	616	C	0.00	0.20
-----Webs-----					
A - F	0.04	389	T	WindLd	
F - D	0.12	587	C		
D - E	0.02	294	C		
E - C	0.14	781	T		
C - B	0.05	181	C	WindLd	

TL Defl -0.03" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in E -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
F LOCK 2.0x 4.0-0.5-0.1 0.78
E LOCK 3.0x 4.0 Ctr Ctr 0.41
B LOCK 2.0x 4.0 Ctr Ctr 0.38
A LOCK 2.0x 4.0 Ctr Ctr 0.43
D LOCK 3.0x 4.0 Ctr Ctr 0.53
C LOCK 2.0x 4.0 Ctr Ctr 0.78

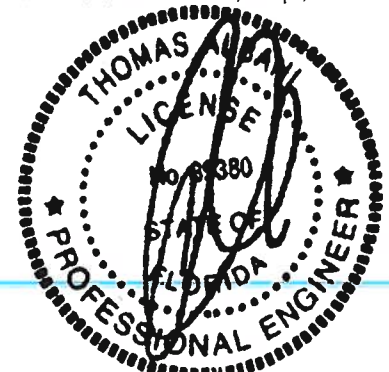
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

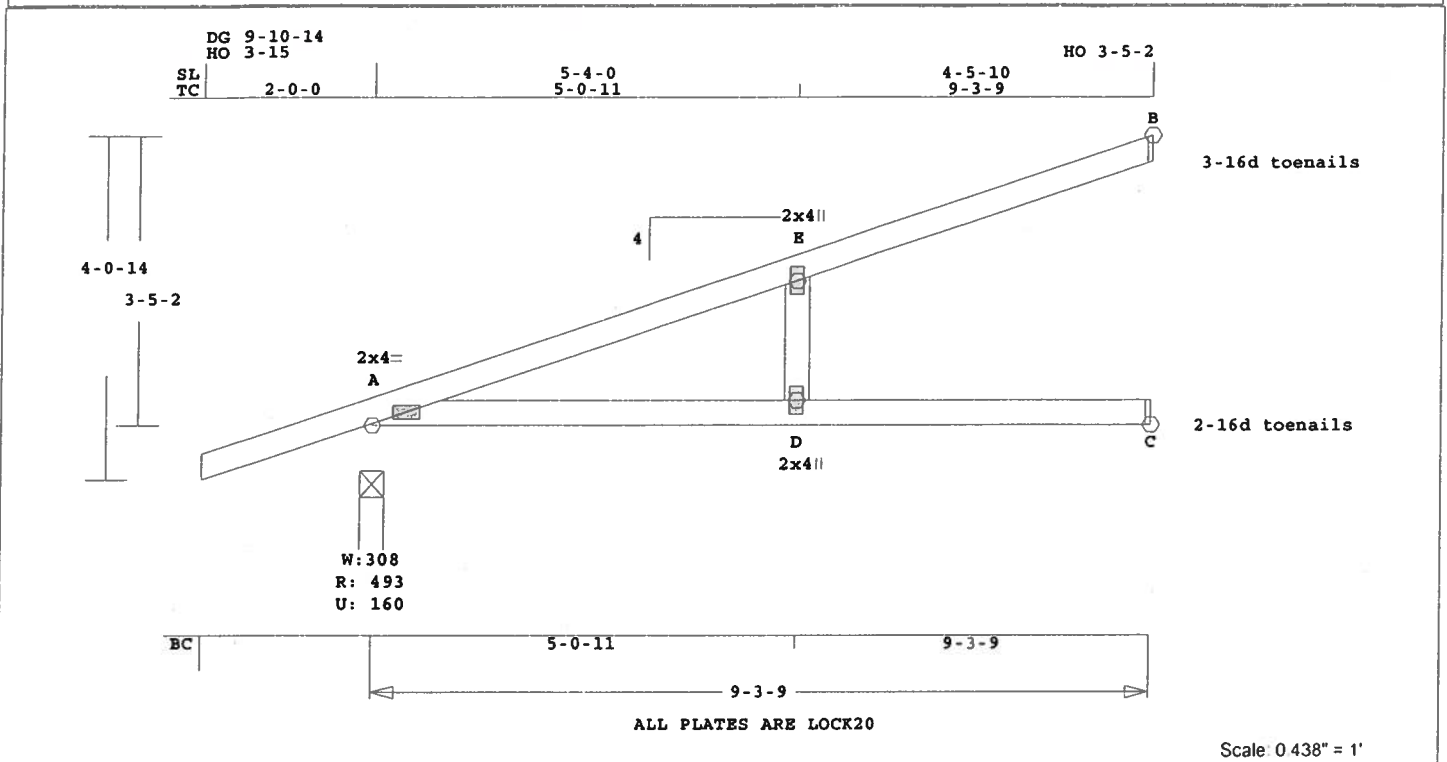
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Excessive Left OH condition(**)
Max allowable length is
3- 5- 6. Support end or
provide level return.
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- 1-11 8-11-10
Max comp. force 616 Lbs
Quality Control Factor 1.25

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
BSESSIONS	J1	2	JCA2.DD	90309	4	2- 0- 0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.0 LBS
D -E 0.01 219 C WindLd

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06
CSI -Size- ----Lumber----
TC 0.87 2x 4 SP-#2
BC 1.00 2x 4 SP-#2
WB 0.01 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9- 3- 9
BC Cont.	0- 0- 0	9- 3- 9

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

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	494	160	3- 8	1- 8
			Hz =	94
C	155	69	1- 8	1- 8
			Hz =	63
B	211	89	1- 8	1- 8

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.87	139	C	0.00	0.87
E -B	0.87	115	C	0.00	0.87
-----Bottom Chords-----					
A -D	1.00	63	T	0.00	1.00
D -C	1.00	63	T	0.00	1.00
-----Webs-----					

TL Defl -0.60" in A -D L/179
LL Defl -0.30" in A -D L/363
Hz Disp LL DL TL
Jt B 0.05" 0.01" 0.04"
Shear // Grain in E -B 0.33
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 0.83
E LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 2.0x 4.0 Ctr Ctr 0.38

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

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

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

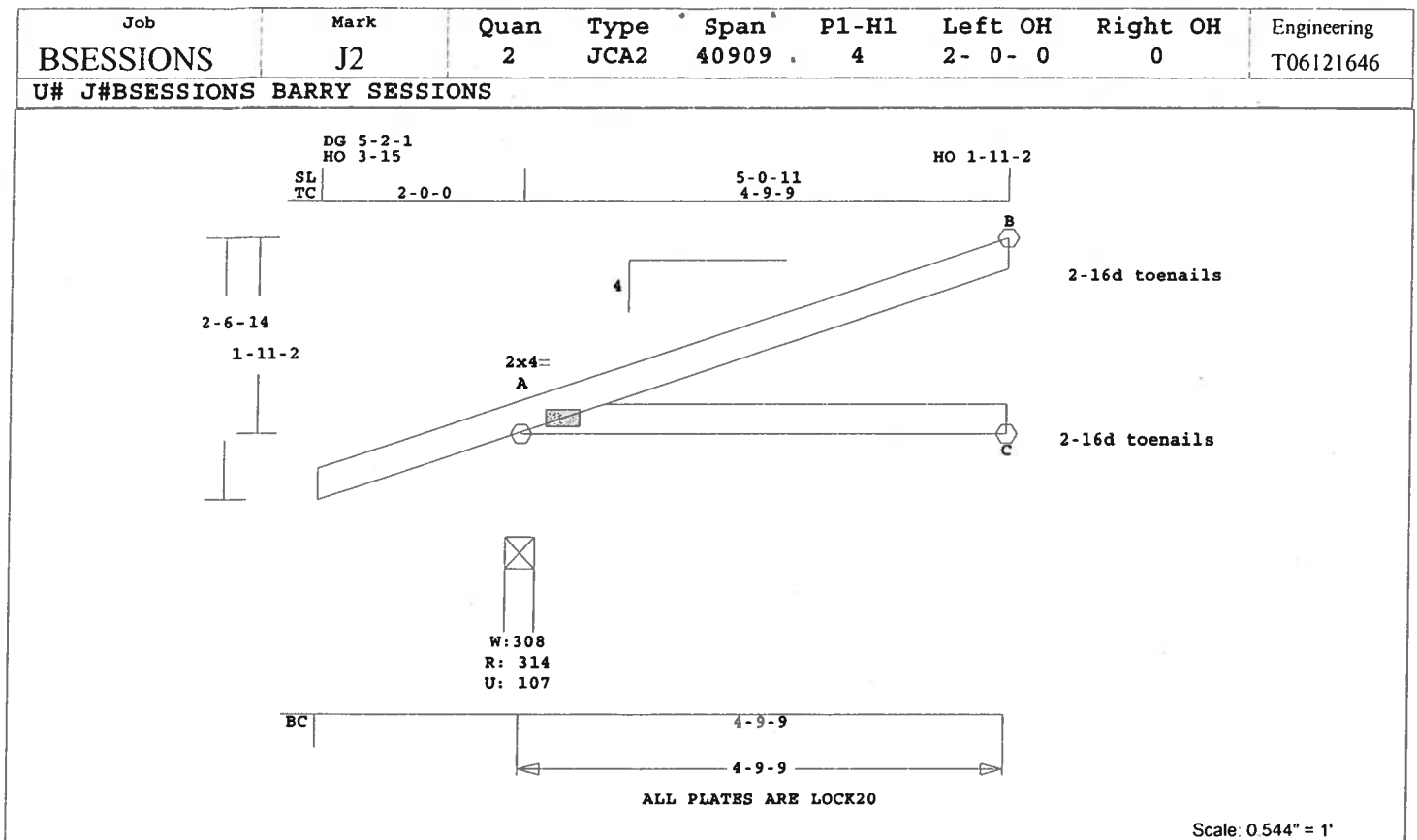
Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
0- 0- 0 9- 3- 9
Max comp. force 219 Lbs
Quality Control Factor 1.25

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





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.8 LBS

A -C 0.38 0 T 0.00 0.38

concurrent LL on BC.

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.24

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- 9

Max comp. force 84 Lbs

Quality Control Factor 1.25

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

TC 0.37 2x 4 SP-#2

BC 0.38 2x 4 SP-#2

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.73

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 4- 9- 9

BC Cont. 0- 0- 0 4- 9- 9

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

Plus 8 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 314 107 3- 8 1- 8

Hz = 48

C 85 30 1- 8 1- 8

B 122 50 1- 8 1- 8

Hz = 32

Membr CSI P Lbs Axl-CSI-Bnd

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

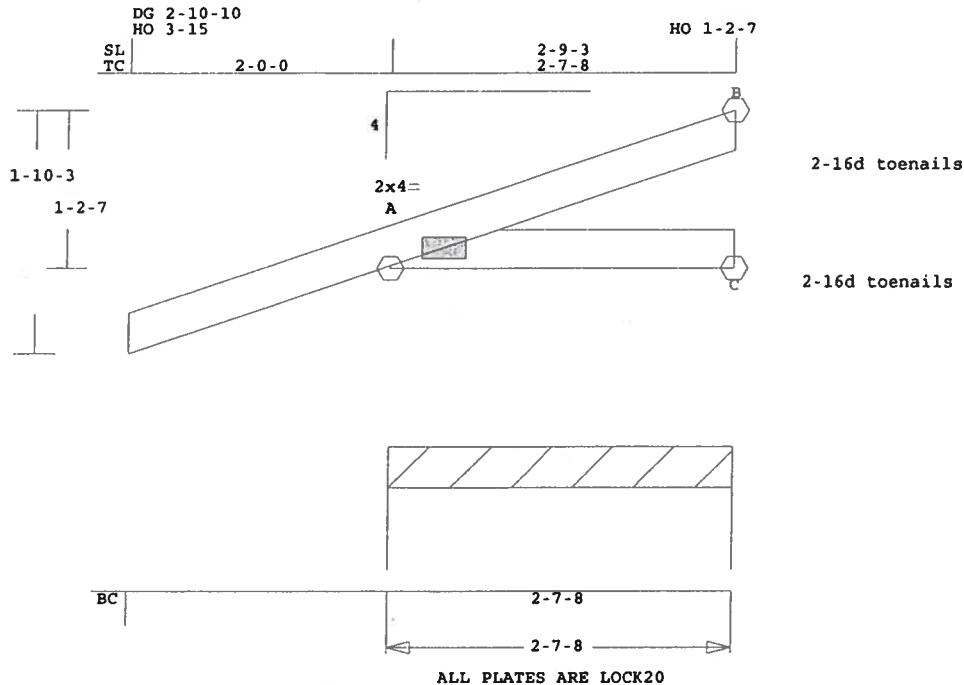
A -B 0.37 84 C 0.00 0.37

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

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	J3	2	JCA2	20708	4	2- 0- 0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Scale 0.681" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 14.4 LBS

A -C 0.06 6 T 0.00 0.06

concurrent LL on BC.

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.10

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 36 Lbs

Quality Control Factor 1.25

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

TC 0.06 2x 4 SP-#2

BC 0.06 2x 4 SP-#2

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORTS: SBCCI 9761

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.73

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 2- 7- 8

BC Cont. 0- 0- 0 2- 7- 8

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

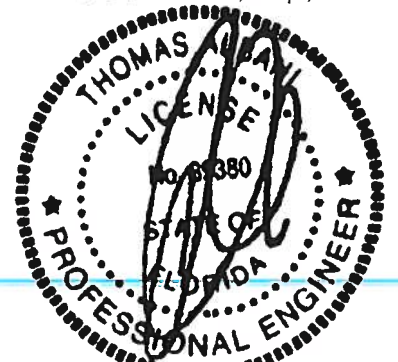
Design checked for 10 psf non-

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	0 to	2- 7- 8	
	275	29	Hz =	25
C	40	0	1- 8	1- 8
B	58	21	1- 8	1- 8
			Hz =	17

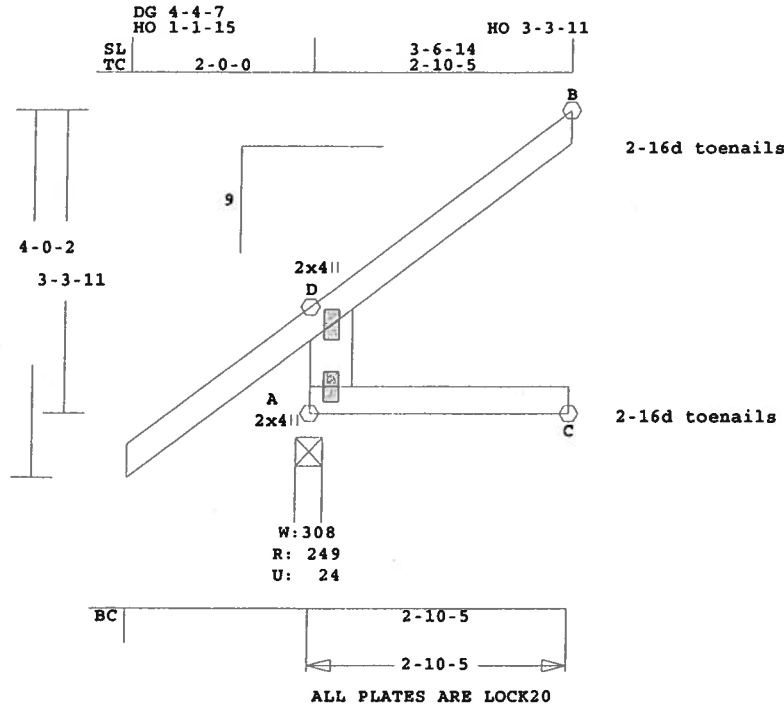
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.06		36 C	0.00	0.06
-----Bottom Chords-----					

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
BSESSIONS	J4	2	JCA2	21005	9	2- 0- 0	0	T06121646

U# J#BSESSIONS BARRY SESSIONS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.7 LBS

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

A -C 0.16 58 T 0.00 0.16

-----Webs-----

A -D 0.08 97 C 0.00 0.08

Online Plus -- Version 20.0.011

RUN DATE: 19-DEC-06

CSI	-Size-	-----Lumber-----
TC	0.12	2x 4 SP-#2
BC	0.16	2x 4 SP-#2
WB	0.08	2x 6 SP-#2

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -C 0.16

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2-10- 5
BC Cont.	0- 0- 0	2-10- 5

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORTS: SBCCI 9761
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

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

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
D LOCK 2.0x 4.0 Ctr Ctr 0.38
A LOCK 2.0x 4.0 Ctr Ctr 0.38

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

NOTES:

Membr CSI P Lbs Axl-Csi-Bnd Trusses Manufactured by:

-----Top Chords----- Mayo Truss Co. Inc.

D -B 0.12 74 C 0.00 0.12 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 2-10- 5

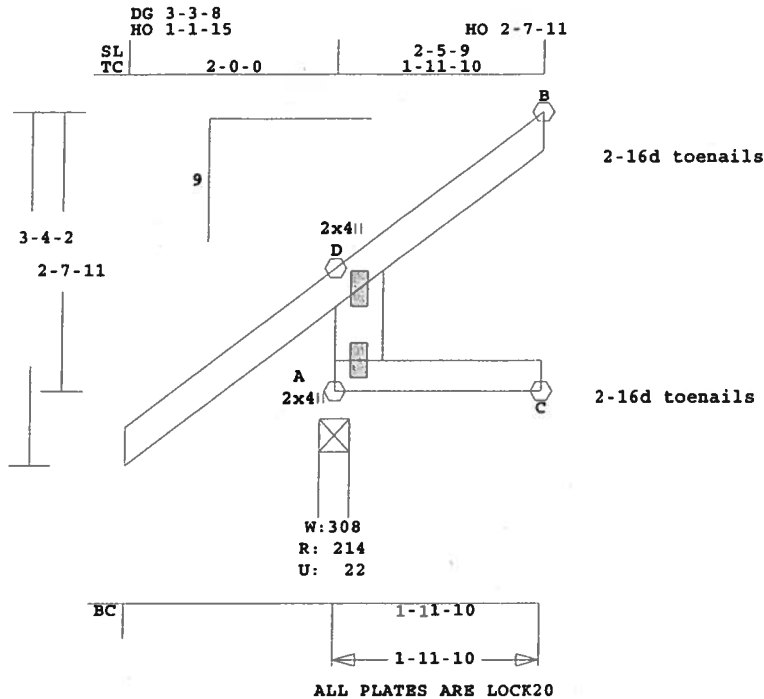
Max comp. force 97 Lbs

Quality Control Factor 1.25

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
BSESSIONS	J5	2	JCA2	11110	9	2- 0- 0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.9 LBS

Online Plus -- Version 20.0.011
 RUN DATE: 19-DEC-06

CSI -Size- ----Lumber-----
 TC 0.06 2x 4 SP-#2
 BC 0.09 2x 4 SP-#2
 WB 0.04 2x 6 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 1-11-10
 BC Cont. 0- 0- 0 1-11-10

Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0 40.0
 Spacing 24.0"

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

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

Jt React Uplft Size Req'd
 Lbs Lbs In-Sx In-Sx
 A 215 23 3- 8 1- 8
 Hz = 63
 C 32 28 1- 8 1- 8
 Hz = 45
 B 46 43 1- 8 1- 8

Membr CSI P Lbs Axl-Csi-Bnd
 -----Top Chords-----
 D -B 0.06 54 C 0.00 0.06

TL Defl 0.00" in A -C L/999
 LL Defl 0.00" in A -C L/999
 Shear // Grain in A -C 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
 D LOCK 2.0x 4.0 Ctr Ctr 0.38
 A LOCK 2.0x 4.0 Ctr Ctr 0.38

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

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

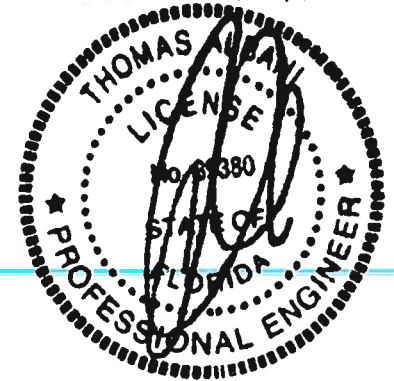
For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction

NOTES:

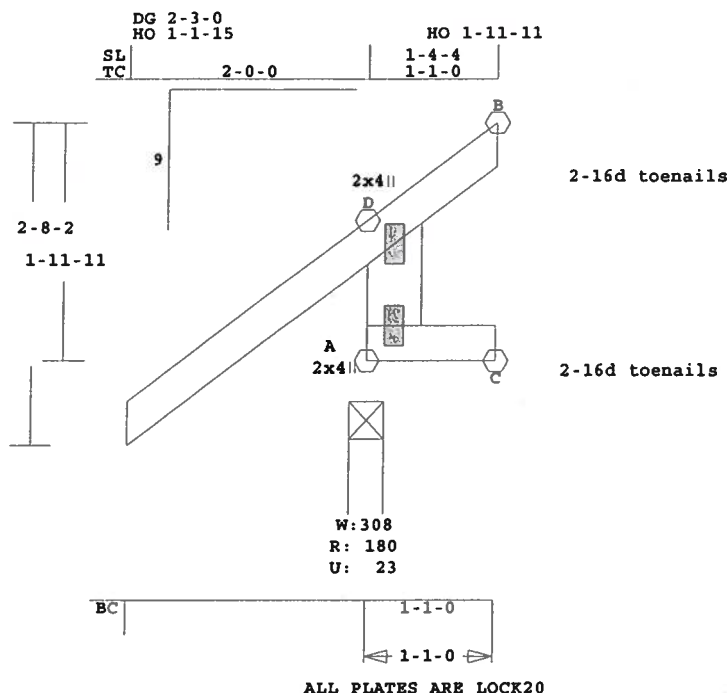
Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:

Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 User-defined wind-exposed BC
 regions --From-- --To--
 0- 0- 0 1-11-10
 Max comp. force 68 Lbs
 Quality Control Factor 1.25

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	J6	2	JCA2	10100	9	2- 0- 0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Scale: 0.625" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 12.1 LBS

Online Plus -- Version 20.0.011	-----Bottom Chords-----	FBC2004
RUN DATE: 19-DEC-06	A -C 0.04 31 T 0.00 0.04	OH Loading
	-----Webs-----	Soffit psf 2.0
	A -D 0.02 39 C 0.00 0.02	Design checked for 10 psf non-concurrent LL on BC.
CSI -Size- ----Lumber----	TL Defl 0.00" in A -C L/999	Wind Loads - ANSI / ASCE 7-02
TC 0.03 2x 4 SP-#2	LL Defl 0.00" in A -C L/999	Truss is designed as
BC 0.04 2x 4 SP-#2	Shear // Grain in A -C 0.07	Components and Claddings*
WB 0.02 2x 6 SP-#2		for Exterior zone location.
	Plates for each ply each face.	Wind Speed: 110 mph
Brace truss as follows:	PLATING CONFORMS TO TPI.	Mean Roof Height: 15-0
O.C. From To	REPORTS: SBCCI 9761	Exposure Category: B
TC Cont. 0- 0- 0 1- 1- 0	ROBBINS ENGINEERING, INC.	Occupancy Factor : 1.00
BC Cont. 0- 0- 0 1- 1- 0	BASED ON SP LUMBER	Building Type: Enclosed
	USING GROSS AREA TEST.	TC Dead Load: 5.0 psf
Loading Live Dead (psf)	Plate - LOCK 20 Ga, Gross Area	BC Dead Load: 5.0 psf
TC 20.0 10.0	Plate - RHS 20 Ga, Gross Area	User-defined wind-exposed BC
BC 0.0 10.0	Jt Type Plt Size X Y JSI	regions --From-- ---To---
Total 20.0 20.0 40.0	D LOCK 2.0x 4.0 Ctr Ctr 0.38	0- 0- 0 1- 1- 0
Spacing 24.0"	A LOCK 2.0x 4.0 Ctr Ctr 0.38	Max comp. force 39 Lbs
Lumber Duration Factor 1.25		Quality Control Factor 1.25
Plate Duration Factor 1.25		
TC Fb=1.15 Fc=1.10 Ft=1.10		
BC Fb=1.10 Fc=1.10 Ft=1.10		

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	181	23	3- 8	1- 8
			Hz =	43
C	14	25	1- 8	1- 8
			Hz =	31
B	21	32	1- 8	1- 8

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

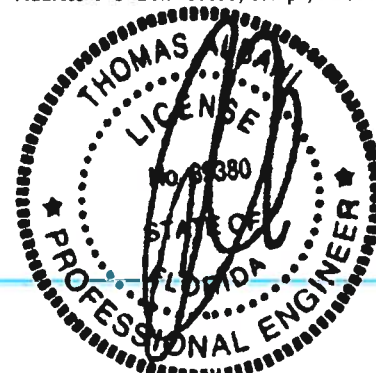
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

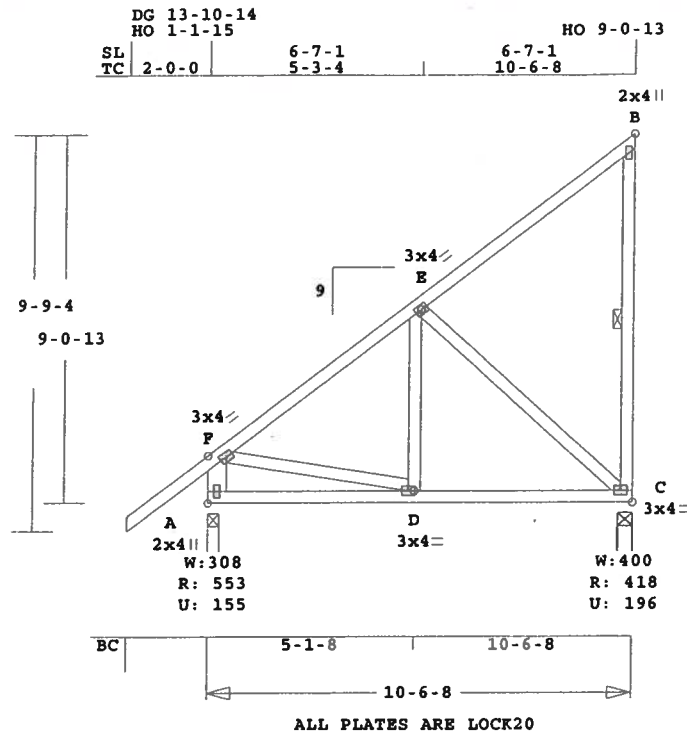
NOTES:

Membr CSI P Lbs Axl-Csi-Bnd Trusses Manufactured by:
-----Top Chords----- Mayo Truss Co. Inc.
D -B 0.03 38 C 0.00 0.03 Analysis Conforms To:

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	M1	4	MONO	100608	9	2- 0- 0	0	T06121646
U# J#BSESSIONS BARRY SESSIONS								



ALL PLATES ARE LOCK20

Scale 0.210" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 98.0 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

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

TC	0.34	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
WB	0.38	2x 4	SP-#2
EX A -F	2x 6	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	10- 6- 8
BC Cont.	0- 0- 0	10- 6- 8
WB 1 rows CLB on C -B		
Attach CLB with (2)-10d nails at each web.		

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

A -D	0.24	160 T	0.00	0.24
D -C	0.24	273 T	0.00	0.24
-----Webs-----				
A -F	0.03	383 C	WindLd	
F -D	0.06	279 T		
D -E	0.08	309 C		
E -C	0.22	549 T		
C -B	0.38	130 C	WindLd 1 Br	

TL Defl	-0.04"	in D -C	L/999
LL Defl	-0.02"	in D -C	L/999
Shear //	Grain	in E -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
F LOCK	3.0x 4.0	Ctr Ctr 0.66
E LOCK	3.0x 4.0	Ctr Ctr 0.51
B LOCK	2.0x 4.0	Ctr Ctr 0.38
A LOCK	2.0x 4.0	Ctr Ctr 0.45
D LOCK	3.0x 4.0	Ctr Ctr 0.55
C LOCK	3.0x 4.0	Ctr Ctr 0.55

Soffit psf 2.0
Provide connection to bearing for 309 Lbs Horiz Reaction
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 10- 6- 8
Max comp. force 383 Lbs
Quality Control Factor 1.25

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	553	156	3- 8	1- 8
			Hz =	-173
C	418	196	4- 0	1- 8
			Hz =	310

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
F -E	0.34	408 T	0.00	0.34	
E -B	0.34	163 T	0.00	0.34	
-----Bottom Chords-----					

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

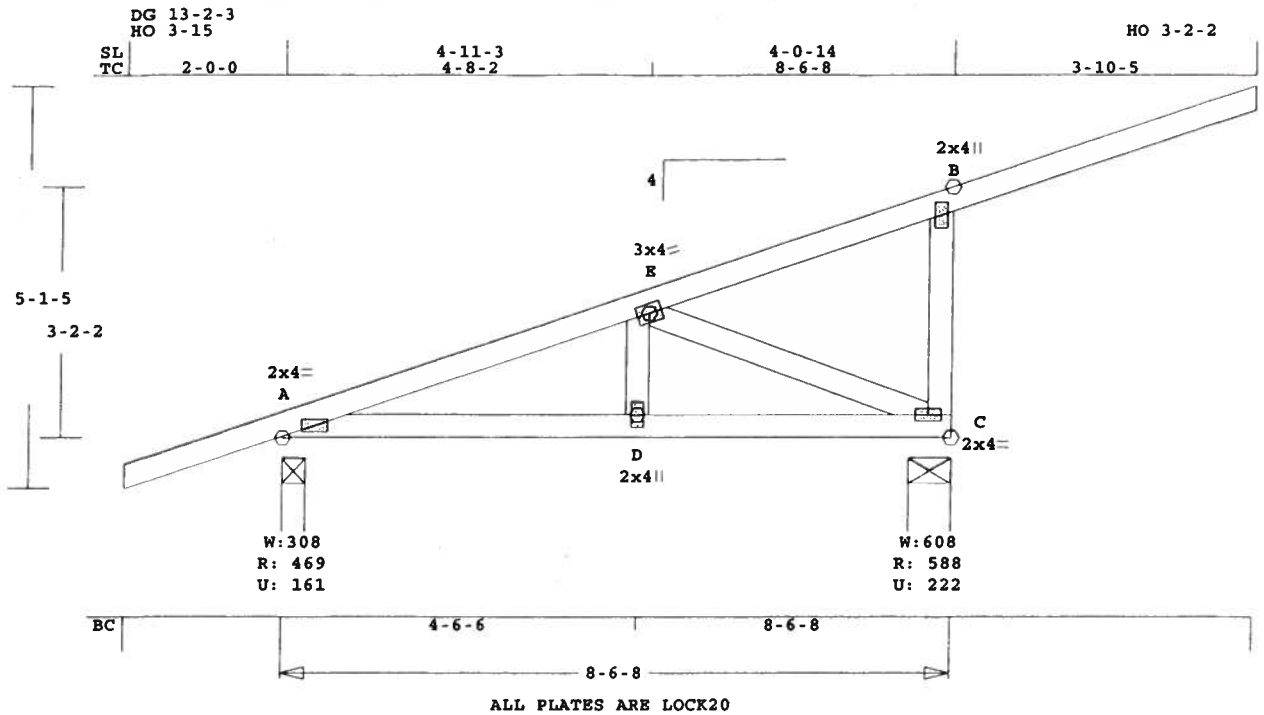
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	M2	12	SP	80608	4	2- 0- 0	3-10- 5	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Scale: 0.408" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.5 LBS

E - C 0.13 951 T
C - B 0.03 150 T WindLd

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI -Size- ----Lumber----
TC 0.22 2x 4 SP-#1
BC 0.16 2x 4 SP-#2
WB 0.13 2x 4 SP-#2

Brace truss as follows:

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

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	470	162	3- 8	1- 8
			Hx =	-34
C	589	222	6- 8	1- 8
			Hx =	99

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - E	0.22		820 T	0.08	0.14
E - B	0.14		44 C	0.00	0.14
-----Bottom Chords-----					
A - D	0.16		808 C	0.08	0.08
D - C	0.15		808 C	0.05	0.10
-----Webs-----					
D - E	0.02		310 C		

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 0.82
E LOCK 3.0x 4.0 Ctr Ctr 0.41
B LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 2.0x 4.0 Ctr Ctr 0.38
C LOCK 2.0x 4.0 Ctr Ctr 0.78

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

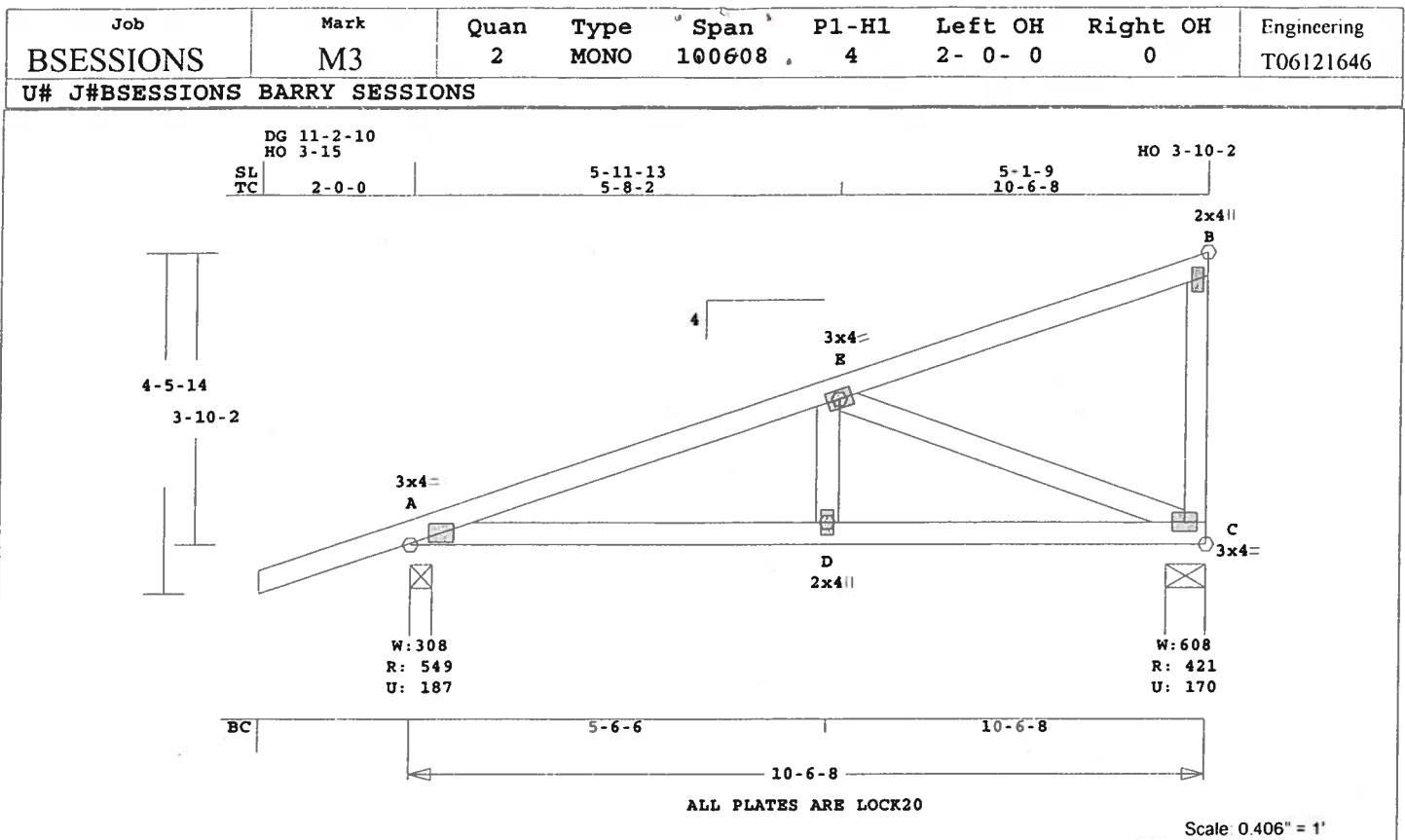
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Excessive Right OH condition.
Max allowable length is
3- 5- 2. Support end or
provide level return.
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 8- 6- 8
Max comp. force 808 Lbs
Quality Control Factor 1.25

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





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 63.4 LBS

Online Plus -- Version 20.0.011
 RUN DATE: 19-DEC-06

CSI	-Size-	----	Lumber----
TC	0.37	2x 4	SP-#2
BC	0.23	2x 4	SP-#2
WB	0.24	2x 4	SP-#2

Brace truss as follows:

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

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

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 8 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	550	187	3- 8	1- 8
			Hz =	-43
C	422	171	6- 8	1- 8
			Hz =	123

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----					
A -E	0.37	890	T	0.11	0.26
E -B	0.29	54	C	0.00	0.29

Bottom Chords

A -D	0.23	867	C	0.11	0.12
D -C	0.23	867	C	0.07	0.16

Webs

D -E	0.03	313	C
E -C	0.24	1024	T
C -B	0.05	163	T WindLd

TL Defl -0.05" in A -D L/999

LL Defl -0.02" in A -D L/999

Shear // Grain in E -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	3.0x 4.0	Ctr	Ctr	0.66
E	LOCK	3.0x 4.0	Ctr	Ctr	0.43
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	0.55

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 10- 6- 8

Max comp. force 867 Lbs

Quality Control Factor 1.25

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Truss Design Engineer: Thomas A. Albani

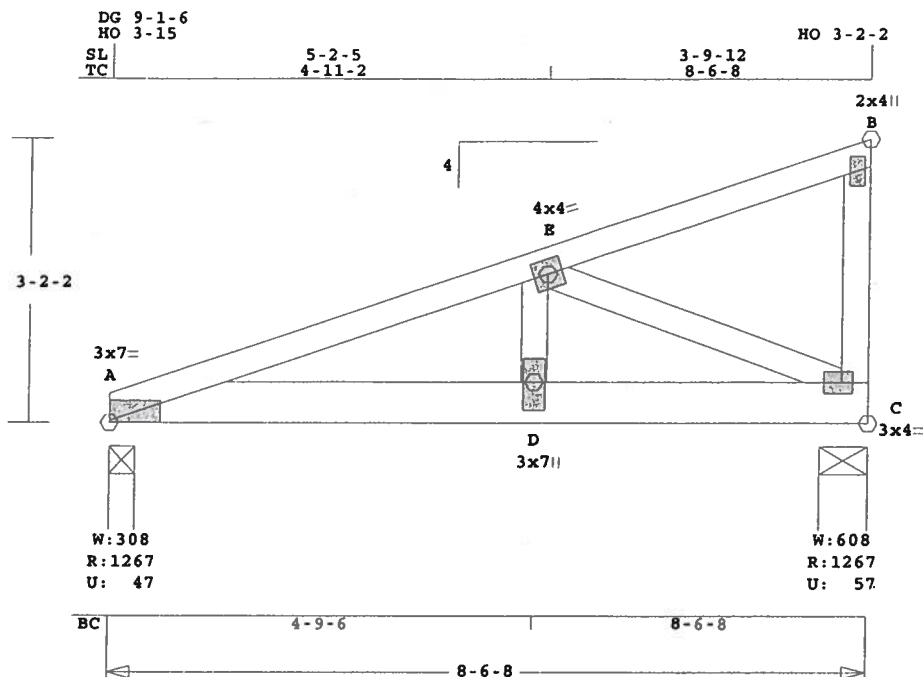
License # 39380

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
BSESSIONS	MG1	2	MONO	8'06"8	4	0	0	T06121646

U# J#BSESSIONS BARRY SESSIONS



ALL PLATES ARE LOCK20

Scale 0.463" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 54.9 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI	-Size-	---	Lumber----
TC	0.37	2x 4	SP-#2
BC	0.73	2x 6	SP-#2
WB	0.39	2x 4	SP-#2

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	Fc=1.00	Ft=1.00	
BC Fb=1.00	Fc=1.00	Ft=1.00	

Load Case # 1 Girder Loading				
Lumber Duration Factor		1.25		
Plate Duration Factor		1.25		
plf - Live		Dead	From	To
TC V	40	20	0.0'	8.5'
BC V	108	128	0.0'	8.5'

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1267	47	3- 8	1- 8
			Hx =	-29
C	1267	57	6- 8	1- 8
			Hx =	97

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

A -E	0.37	1958	C	0.18	0.19
E -B	0.20	42	C	0.00	0.20
A -D	0.73	1876	T	0.25	0.48
D -C	0.56	1876	T	0.25	0.31
D -E	0.20	1122	T		
E -C	0.39	2039	C		
C -B	0.03	141	T	WindLd	

TL Defl	-0.08"	in A -D	L/999
LL Defl	-0.04"	in A -D	L/999
Shear //	Grain	in A -D	0.50

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 7.0 3.5 1.3 0.70
E LOCK 4.0x 4.0 Ctr Ctr 0.81
B LOCK 2.0x 4.0 Ctr Ctr 0.38
D LOCK 3.0x 7.0 Ctr-0.3 0.80
C LOCK 3.0x 4.0-0.5 Ctr 0.92

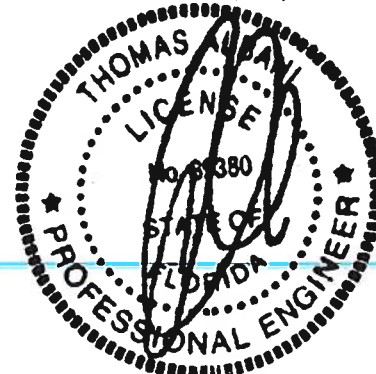
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

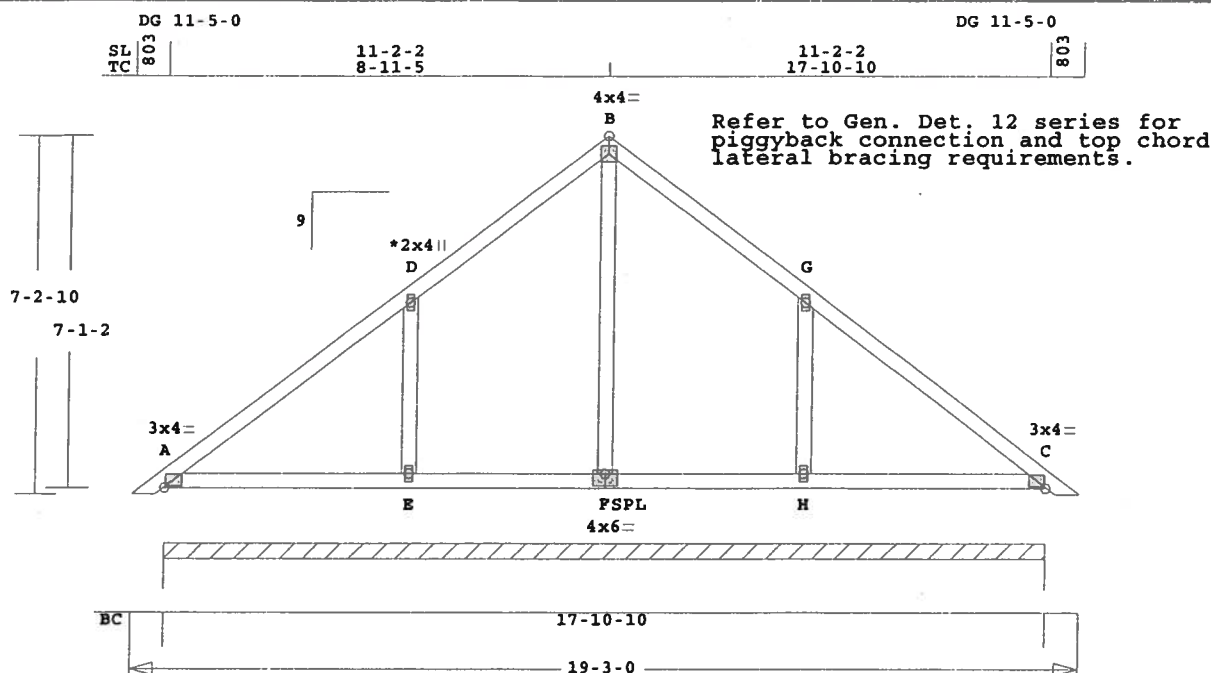
Loading BC
Span 12-10- 0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
0- 0- 0 8- 6- 8
Max comp. force 2039 Lbs
Quality Control Factor 1.25

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	P1	12	TR	190300	9	8- 3	8- 3	T06121646

U# J#BSESSIONS BARRY SESSIONS



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

Scale: 0.257" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 104.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

CSI	-Size-	---Lumber---	TL Defl	LL Defl	Shear //	Grain	in	A -D	0.16
TC	0.21	2x 4	SP-#2						
BC	0.13	2x 4	SP-#2						
GW	0.07	2x 4	SP-#2						

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	19- 3- 0
BC Cont.	0- 0- 0	19- 3- 0

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
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 0.68
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 4.0 Ctr Ctr 0.58
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.68
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 4.0x 6.0 Ctr-1.0 0.54
H LOCK 2.0x 4.0 Ctr Ctr 0.00

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 325 Lbs
Quality Control Factor 1.25

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0	0	0	to 17-10-10
	1518	206	Hz =	146

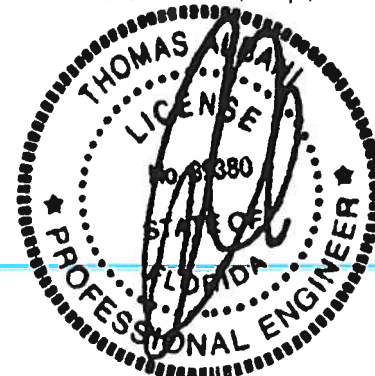
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -D	0.21		174 C	0.00	0.21
D -B	0.21		252 C	0.00	0.21
B -G	0.21		252 C	0.00	0.21
G -C	0.21		174 C	0.00	0.21
-----Bottom Chords-----					
A -E	0.13		1 T	0.00	0.13
E -F	0.13		0 T	0.00	0.13
F -H	0.13		0 T	0.00	0.13
H -C	0.13		1 T	0.00	0.13

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

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

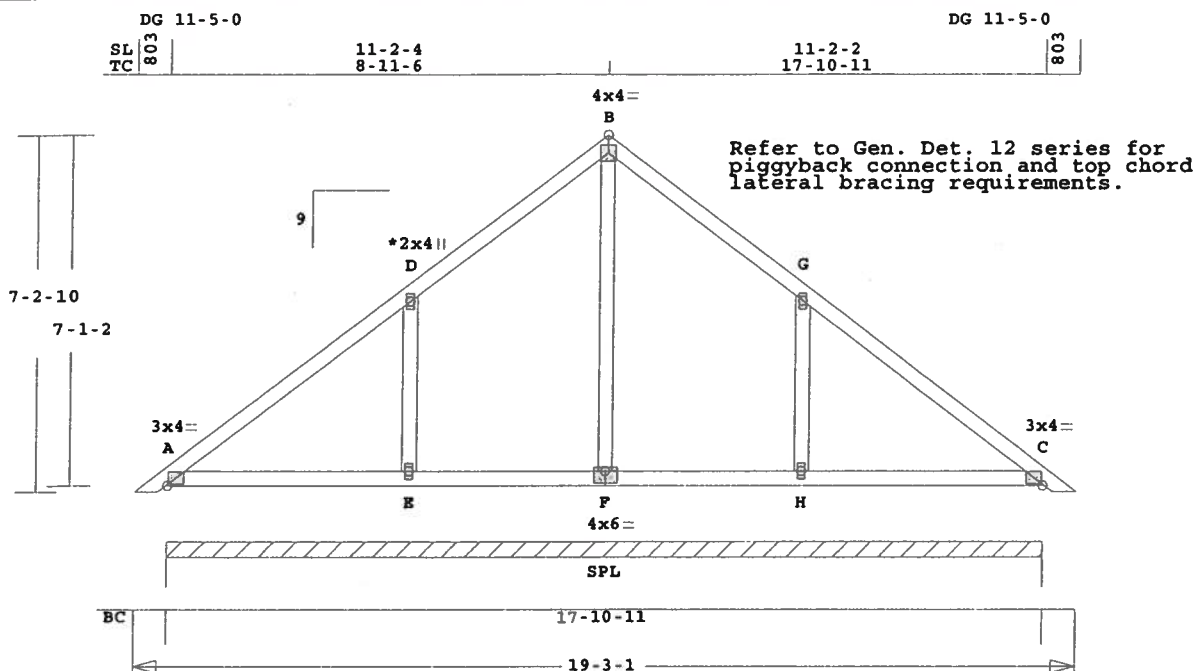
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	P2	1*2P	TR	190301	9	8- 3	8- 3	T06121646

U# J#BSESSIONS BARRY SESSIONS



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

Scale: 0.256" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 104.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

* 2-Ply Truss *

CSI	-Size-	---	Lumber---
TC	0.26	2x 4	SP-#2
BC	0.15	2x 4	SP-#2
GW	0.04	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC	2- 0- 0	0- 0- 0 19- 3- 1
BC	2- 0- 0	0- 0- 0 19- 3- 1

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			51.0"
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	

	Rows	Nails	Screws	Bolts
E -D	0.04	691 C		
F -B	0.02	306 T		
H -G	0.04	691 C		

TL Defl -0.03" in H -C L/999
LL Defl -0.01" in H -C L/999
Shear // Grain in A -D 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
A LOCK	3.0x 4.0	Ctr	Ctr
D LOCK	2.0x 4.0	Ctr	Ctr
B LOCK	4.0x 4.0	Ctr	Ctr
G LOCK	2.0x 4.0	Ctr	Ctr
C LOCK	3.0x 4.0	Ctr	Ctr
E LOCK	2.0x 4.0	Ctr	Ctr
F LOCK	4.0x 6.0	Ctr-1.0	0.54
H LOCK	2.0x 4.0	Ctr	Ctr

OH Loading

Soffit psf 2.0
Provide connection to bearing
for 310 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.

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 691 Lbs
Quality Control Factor 1.25

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	0 to 17-10-11		
	3227	438	Hz =	310

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -D	0.26		371 C	0.00	0.26	
D -B	0.26		536 C	0.00	0.26	
B -G	0.26		536 C	0.00	0.26	
G -C	0.26		371 C	0.00	0.26	
-----Bottom Chords-----						
A -E	0.15		3 T	0.00	0.15	
E -F	0.15		0 T	0.00	0.15	
F -H	0.15		0 T	0.00	0.15	
H -C	0.15		3 T	0.00	0.15	

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

2 COMPLETE TRUSSES REQUIRED.

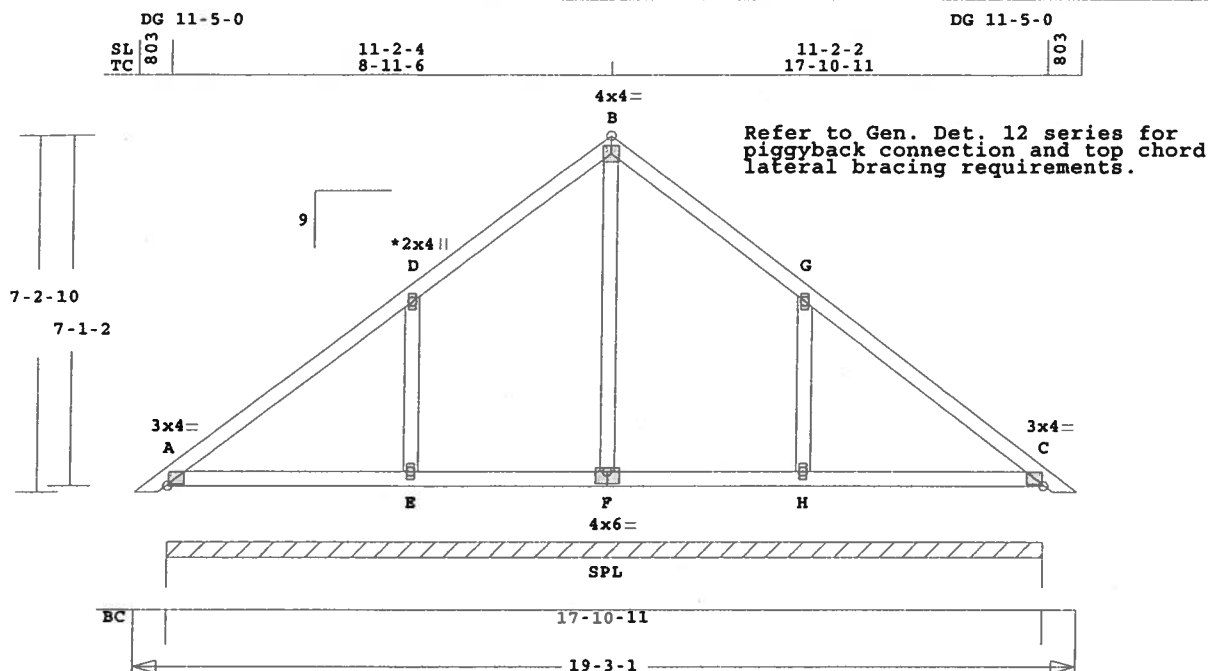
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)
----Spacing (In)----

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
BSESSIONS	P3	2*3P	TR	190301	9	8- 3	8- 3	T06121646

U# J#BSESSIONS BARRY SESSIONS



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

Scale 0.256" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 104.8 LBS

Online Plus -- Version 20.0.011

RUN DATE: 19-DEC-06

* 3-Ply Truss *

CSI -Size- ---Lumber---
TC 0.17 2x 4 SP-#2
BC 0.10 2x 4 SP-#2
GW 0.03 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	2- 0- 0	0- 0- 0	19- 3- 1
BC	2- 0- 0	0- 0- 0	19- 3- 1

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			57.0"
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	

E -D 0.03 773 C
F -B 0.01 342 T
H -G 0.03 773 C
TL Defl -0.02" in H -C L/999
LL Defl -0.01" in H -C L/999
Shear // Grain in A -D 0.12

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 0.68
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 4.0 Ctr Ctr 0.58
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.68
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 4.0x 6.0 Ctr-1.0 0.54
H LOCK 2.0x 4.0 Ctr Ctr 0.00

BC 1 12 24 0
WB 1 8 8
No bolts in 2x4s or smaller.
OH Loading
Soffit psf 2.0
Provide connection to bearing
for 346 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
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 773 Lbs
Quality Control Factor 1.25

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0	0	0 to 17-10-11	
3607	489		Hz = 347	

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -D	0.17		415 C	0.00	0.17
D -B	0.17		599 C	0.00	0.17
B -G	0.17		600 C	0.00	0.17
G -C	0.17		415 C	0.00	0.17
-----Bottom Chords-----					
A -E	0.10		4 T	0.00	0.10
E -F	0.10		0 T	0.00	0.10
F -H	0.10		0 T	0.00	0.10
H -C	0.10		4 T	0.00	0.10
-----Gable Webs-----					

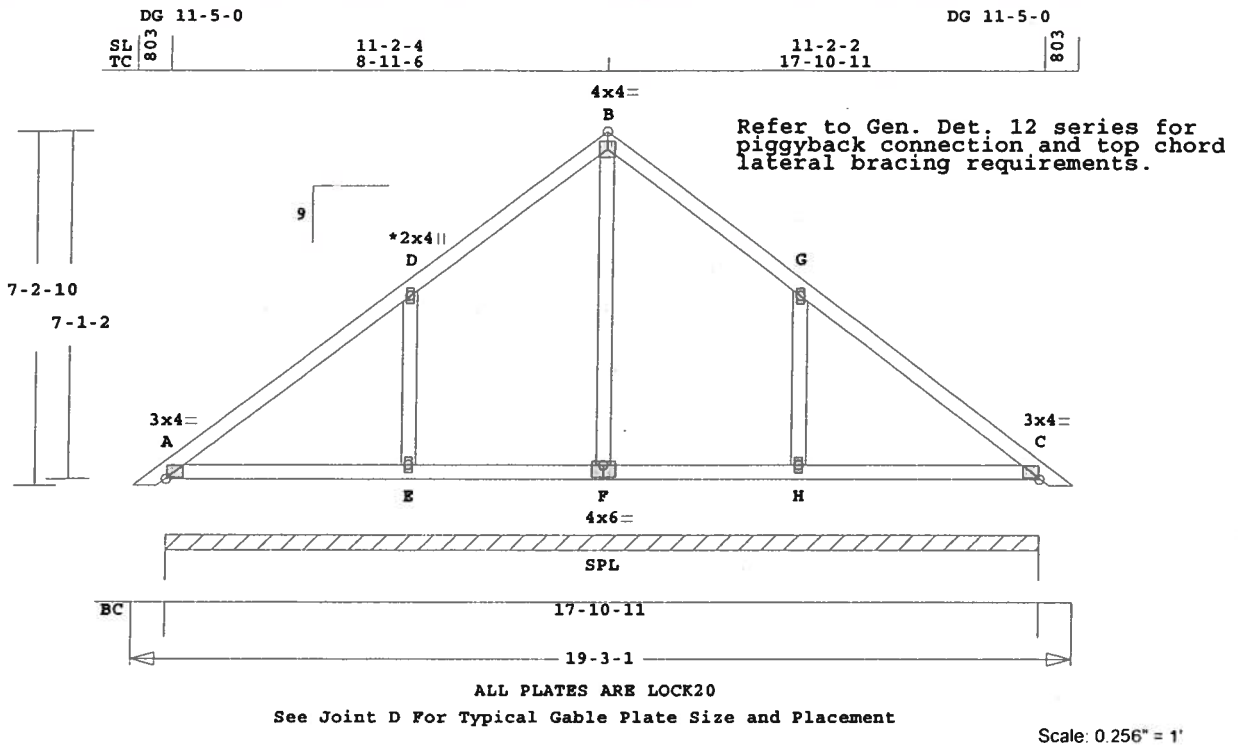
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS4.5 screws -OR- 16d nails
as each layer is applied.)
-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
BSESSIONS	P4	1	TR	190301	9	8- 3	8- 3	T06121646
U# J#BSESSIONS BARRY SESSIONS								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 104.8 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

-----Gable Webs-----

E -D	0.06	325 C
F -B	0.07	144 T
H -G	0.06	325 C

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 325 Lbs
Quality Control Factor 1.25

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

TC	0.21	2x 4	SP-#2
BC	0.13	2x 4	SP-#2
GW	0.07	2x 4	SP-#2

TL Defl -0.03" in H -C L/999
LL Defl -0.01" in H -C L/999
Shear // Grain in A -D 0.16

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	19- 3- 1
BC Cont.	0- 0- 0	19- 3- 1

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 0.68
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 4.0 Ctr Ctr 0.58
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.68
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 4.0x 6.0 Ctr-1.0 0.54
H LOCK 2.0x 4.0 Ctr Ctr 0.00

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

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

Jt	React	Uplft	Size Req'd
	Lbs	Lbs	In-Sx In-Sx
Cont. Brg	0- 0- 0	0 to 17-10-11	
	1519	206	Hz = 146

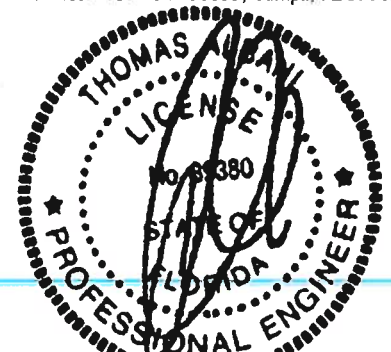
Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -D	0.21		174 C	0.00	0.21
D -B	0.21		252 C	0.00	0.21
B -G	0.21		252 C	0.00	0.21
G -C	0.21		174 C	0.00	0.21
-----Bottom Chords-----					
A -E	0.13		1 T	0.00	0.13
E -F	0.13		0 T	0.00	0.13
F -H	0.13		0 T	0.00	0.13
H -C	0.13		1 T	0.00	0.13

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

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

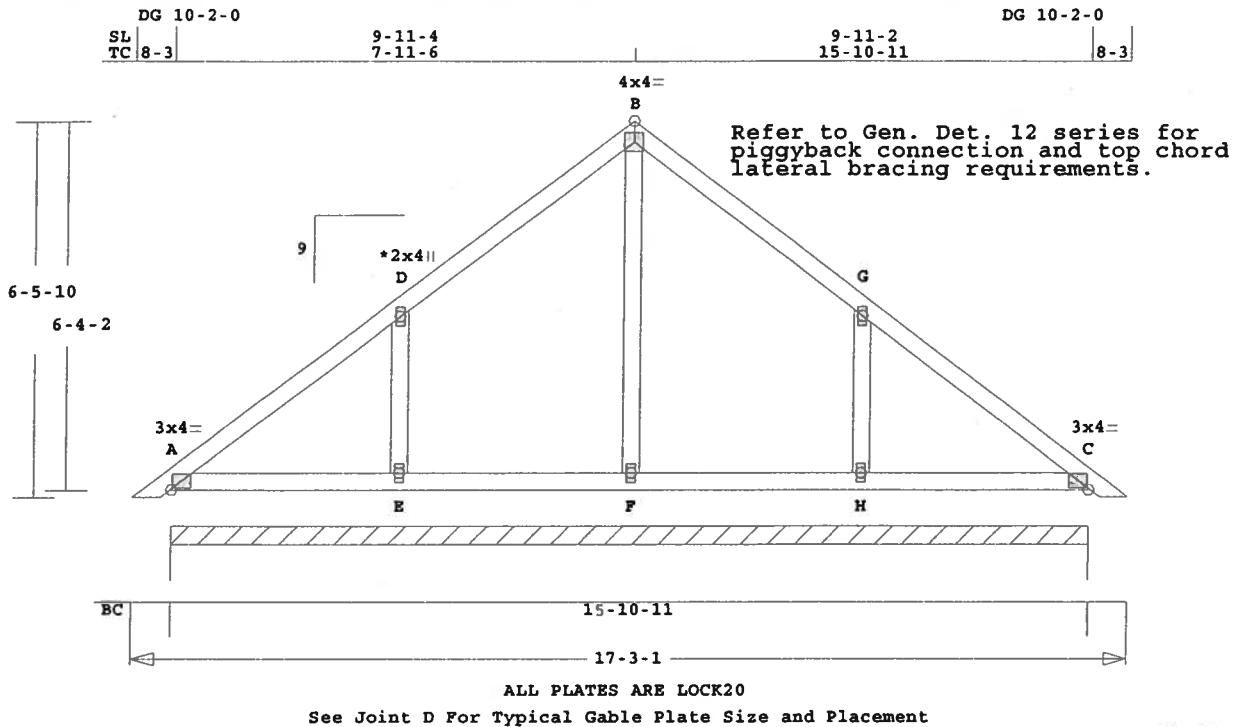
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BSESSIONS	P5	19	TR	170301	9	8- 3	8- 3	T06121646

U# J#BSESSIONS BARRY SESSIONS



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 92.1 LBS

Online Plus -- Version 20.0.011
 RUN DATE: 19-DEC-06

CSI -Size-	Lumber----	TL Defl	LL Defl	Shear //	Grain	in H -C	L/999
TC 0.16	2x 4 SP-#2	E -D 0.03	286 C				
BC 0.09	2x 4 SP-#2	F -B 0.02	64 C				
GW 0.03	2x 4 SP-#2	H -G 0.03	285 C				

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 286 Lbs
 Quality Control Factor 1.25

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	17- 3- 1
BC Cont.	0- 0- 0	17- 3- 1

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

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 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 0.65
 D LOCK 2.0x 4.0 Ctr Ctr 0.00
 B LOCK 4.0x 4.0 Ctr Ctr 0.56
 G LOCK 2.0x 4.0 Ctr Ctr 0.00
 C LOCK 3.0x 4.0 Ctr Ctr 0.65
 E 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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 15-10-11		
	1359	185	Hz =	127

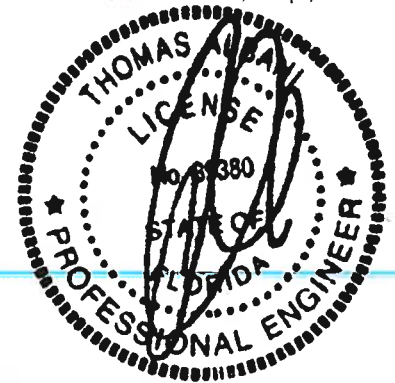
Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -D	0.16	118 C	0.00	0.16
D -B	0.16	179 C	0.00	0.16
B -G	0.16	179 C	0.00	0.16
G -C	0.16	118 C	0.00	0.16
-----Bottom Chords-----				
A -E	0.09	1 T	0.00	0.09
E -F	0.09	0 T	0.00	0.09
F -H	0.09	0 T	0.00	0.09
H -C	0.09	1 T	0.00	0.09

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

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

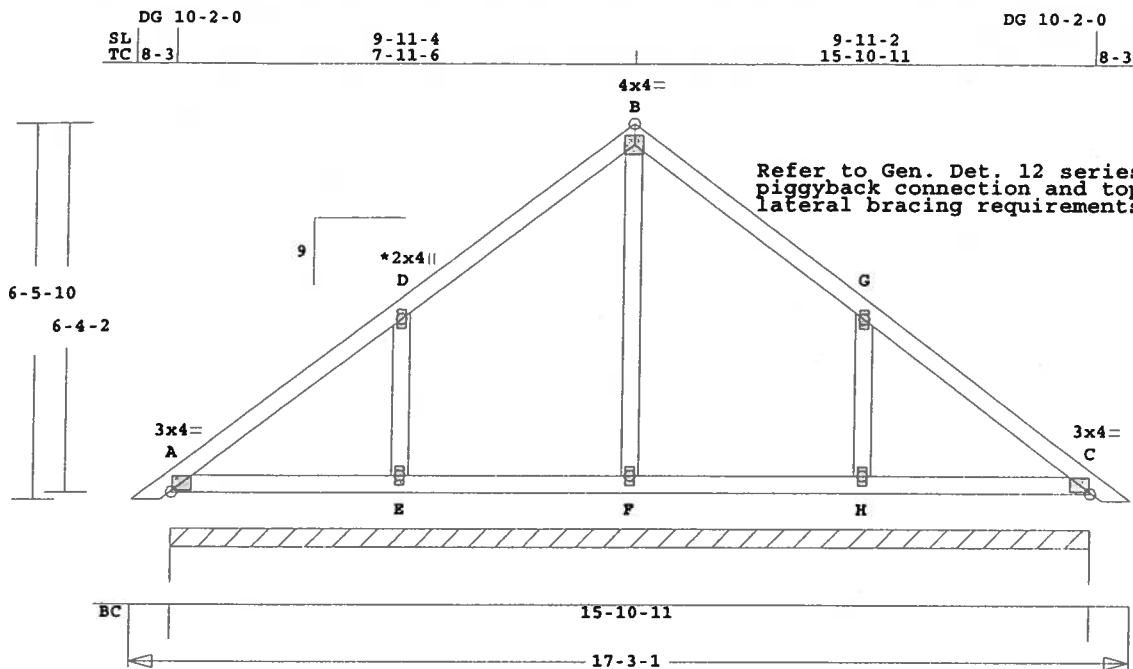
NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-

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



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
BSESSIONS	P6	1*3P	TR	170301	9	8- 3	8- 3	T06121646

U# J#BSESSIONS BARRY SESSIONS



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

Scale 0.301" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 92.1 LBS

Online Plus -- Version 20.0.011
RUN DATE: 19-DEC-06

* 3-Ply Truss *

	CSI	-Size-	-----Lumber----
TC	0.11	2x 4	SP-#2
BC	0.06	2x 4	SP-#2
GW	0.02	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	2- 0- 0	0- 0- 0	17- 3- 1
BC	2- 0- 0	0- 0- 0	17- 3- 1

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			51.0"
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	

	E - D	0.02	607 C
	F - B	0.00	137 C
	H - G	0.02	607 C

TL Defl -0.01" in H -C L/999
LL Defl 0.00" in H -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 0.65

D LOCK 2.0x 4.0 Ctr Ctr 0.00

B LOCK 4.0x 4.0 Ctr Ctr 0.56

G LOCK 2.0x 4.0 Ctr Ctr 0.00

C LOCK 3.0x 4.0 Ctr Ctr 0.65

E 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

	Rows	Nails	Screws	Bolts
TC	1	12	24	0
BC	1	12	24	0
WB	1	8	8	

No bolts in 2x4s or smaller.

OH Loading

Soffit psf 2.0

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

Prevent truss rotation at all bearing locations.

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 607 Lbs

Quality Control Factor 1.25

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	0 to 15-10-11		
	2887	392	Hz =	269

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -D	0.11	252 C	0.00	0.11
D -B	0.11	382 C	0.00	0.11
B -G	0.11	382 C	0.00	0.11
G -C	0.11	252 C	0.00	0.11
-----Bottom Chords-----				
A -E	0.06	3 T	0.00	0.06
E -F	0.06	0 T	0.00	0.06
F -H	0.06	0 T	0.00	0.06
H -C	0.06	3 T	0.00	0.06

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

3 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered

pattern. (1/2" bolts -OR-

SDS4.5 screws -OR- 16d nails

as each layer is applied.)

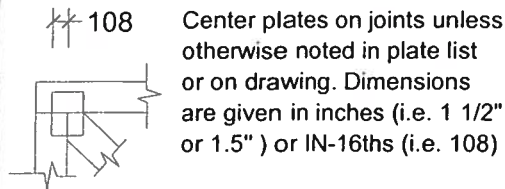
-----Spacing (In)-----

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



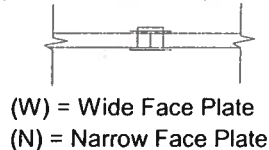
ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



LATERAL BRACING

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

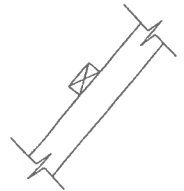
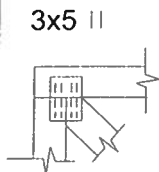


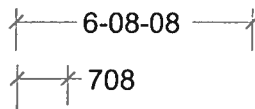
PLATE SIZE AND ORIENTATION

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.



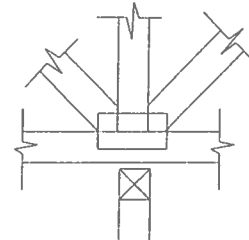
DIMENSIONS

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).



BEARING

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



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

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

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



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

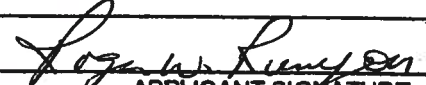
www.robbseng.com

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	SEE ATTACHED		
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL	ARXX	Insulated Concrete Form	FL1350
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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


APPLICANT SIGNATURE

2/21/07
DATE

Location:

Project Name: **SESSIONS**

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
EXTERIOR DOORS			
1. Swinging	MASONITE	6 PANEL STEEL	FL 18
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
WINDOWS			
1. Single hung	JORDAN	Vinyl Windows	FL 1378.3 R1
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
PANEL WALL			
1. Siding	KAYCAN "	Vinyl "	FL 1139 FL 1146
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other	ARXX	INSULATED CONCRETE FORM WALL	FL 1350
ROOFING PRODUCTS			
1. Asphalt Shingles	TAMKO	Shingles	FL 623
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Better Built Windows

Master
CUSTOMER
BETTER BUILT

DOWN give it out
WINDOW AND DOOR

FLORIDA CODE BOOK

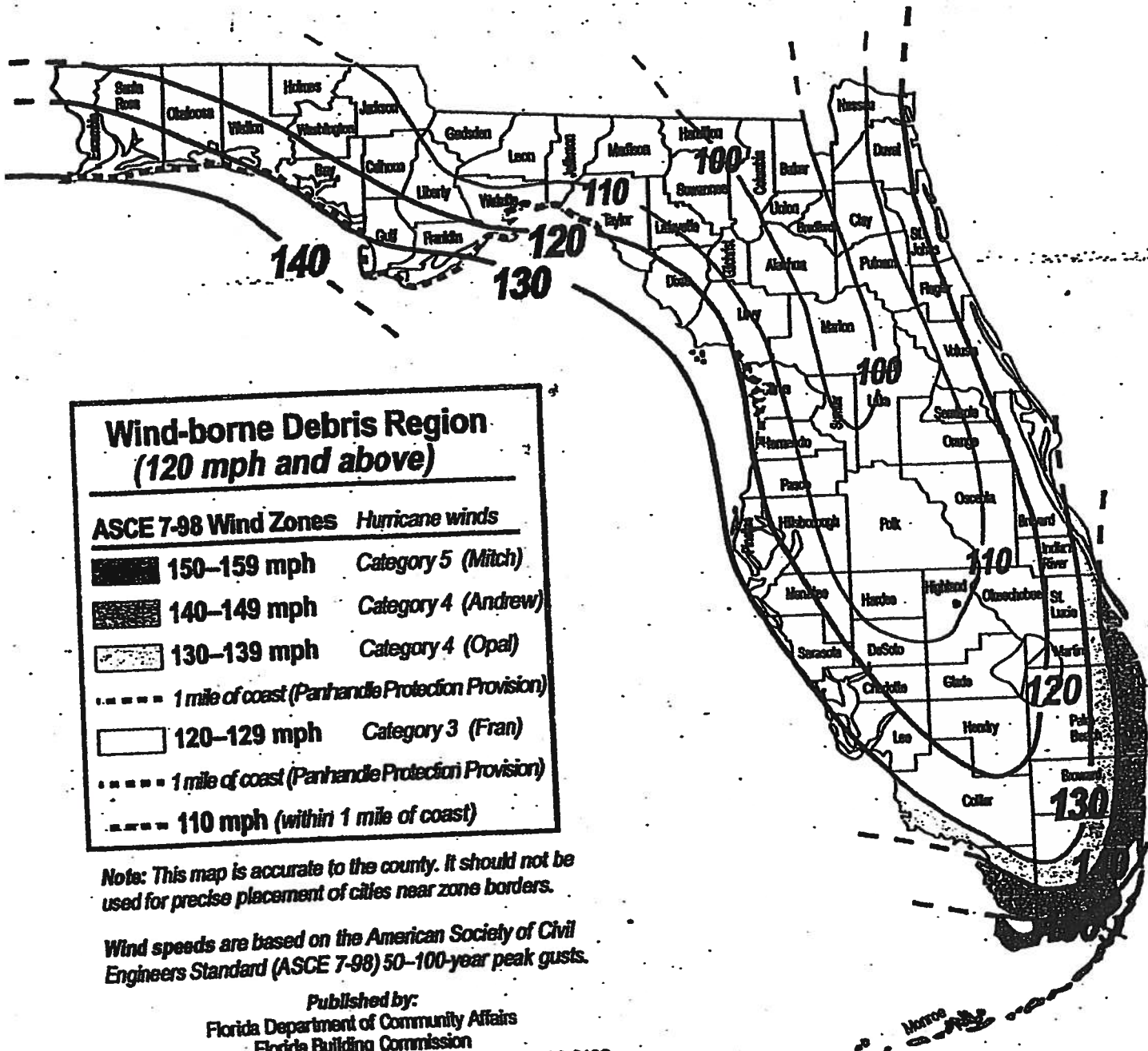
MASTER FILE COPIES

**NOTICE : THESE ARE
MASTER FILE COPIES**

**DO NOT REMOVE FROM
STORE**

State of Florida

Wind-Borne Debris Region

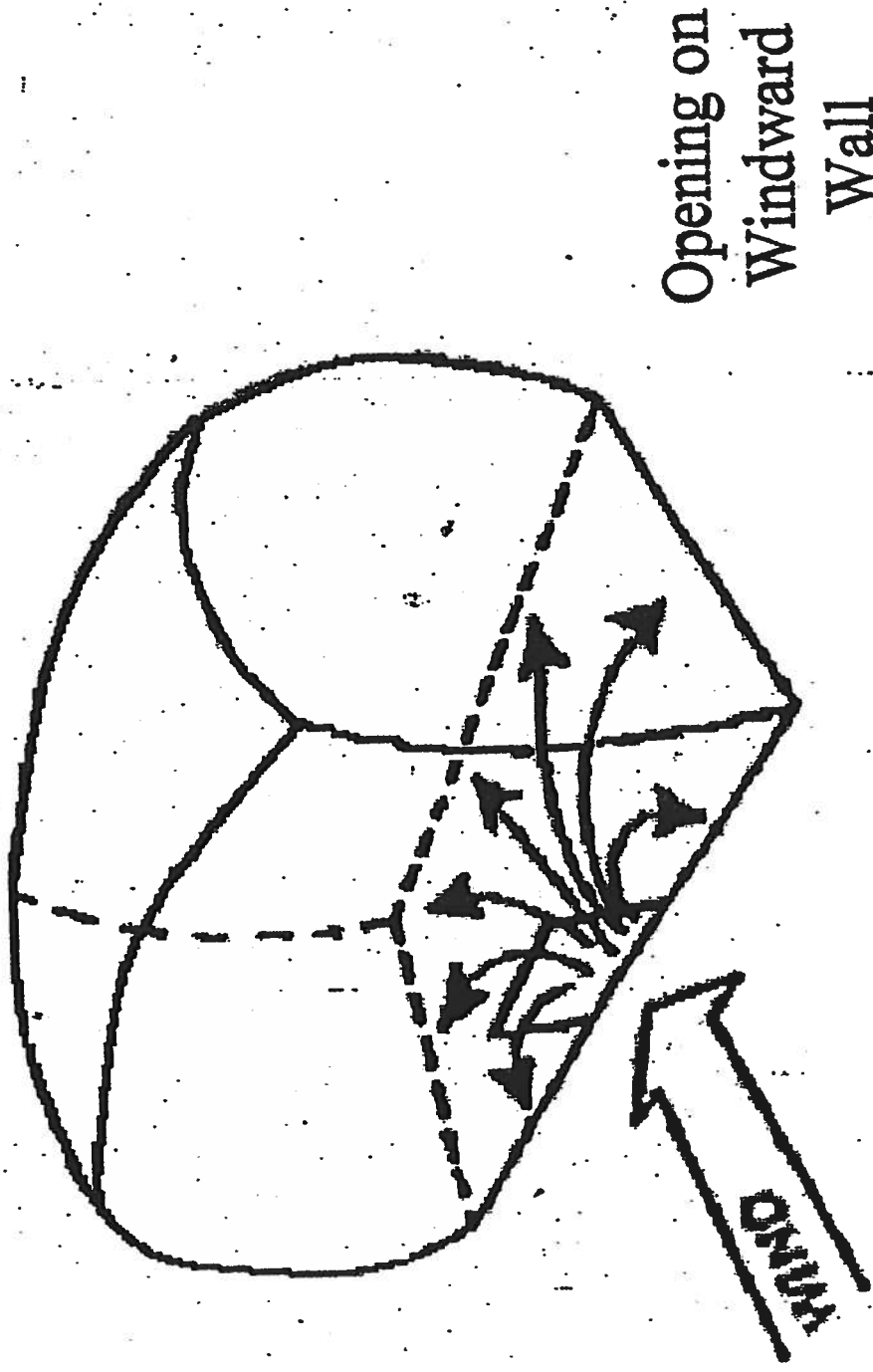


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 Florida Department of Community Affairs
 Florida Building Commission
 2555 Shumard Oak Boulevard, Tallahassee, Florida 32399-2100
 Toll Free 877-FLA-DCA2, Website: <http://www.dca.state.fl.us>

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 Chief of Staff, Pamela Davis Duncan; Legislative Director, Janice Browning
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 Editors: Rick Dixon, PE, CBO, and Ila Jones; Program Administrator
 Writer/Designer: Elizabeth Woodsmail, OMC II.
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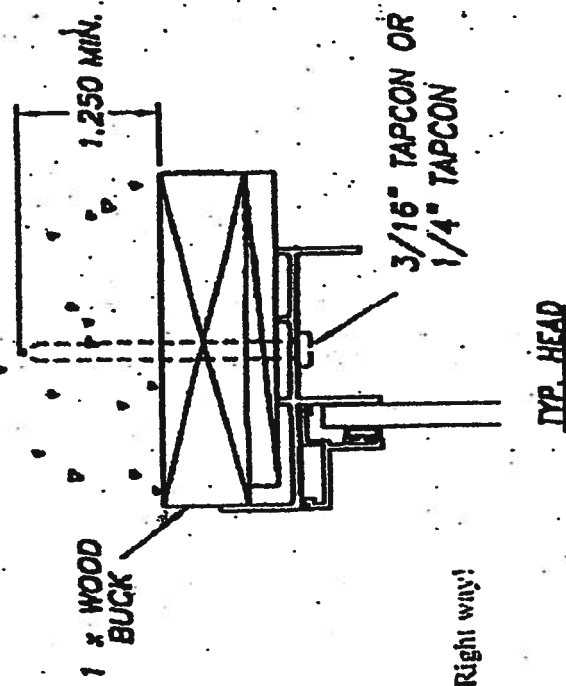
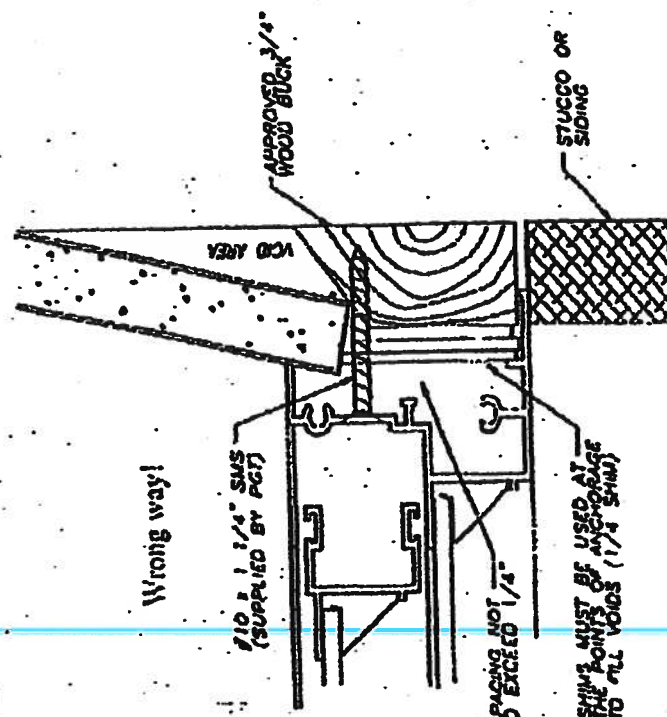


What happens when an opening is breached

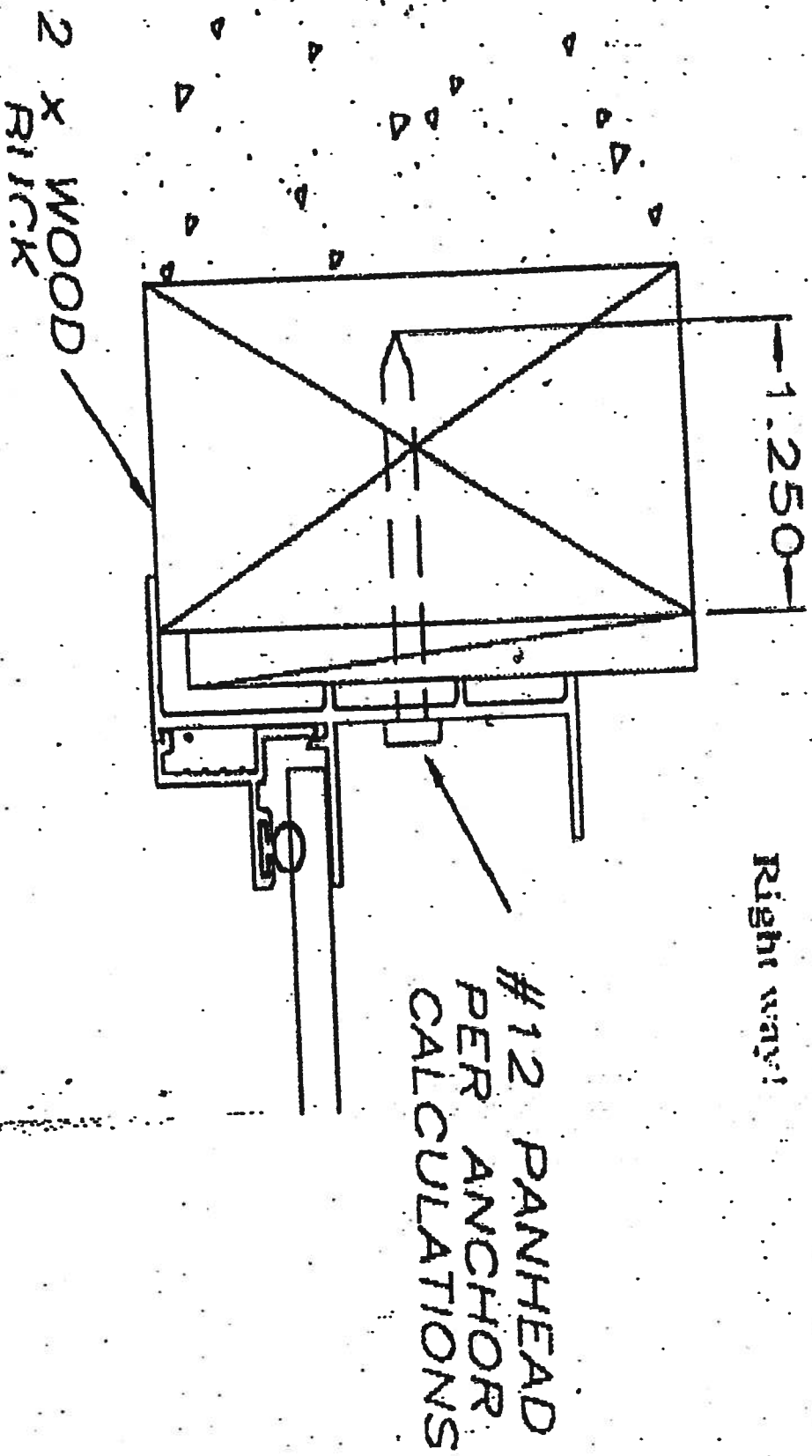


Old verses New

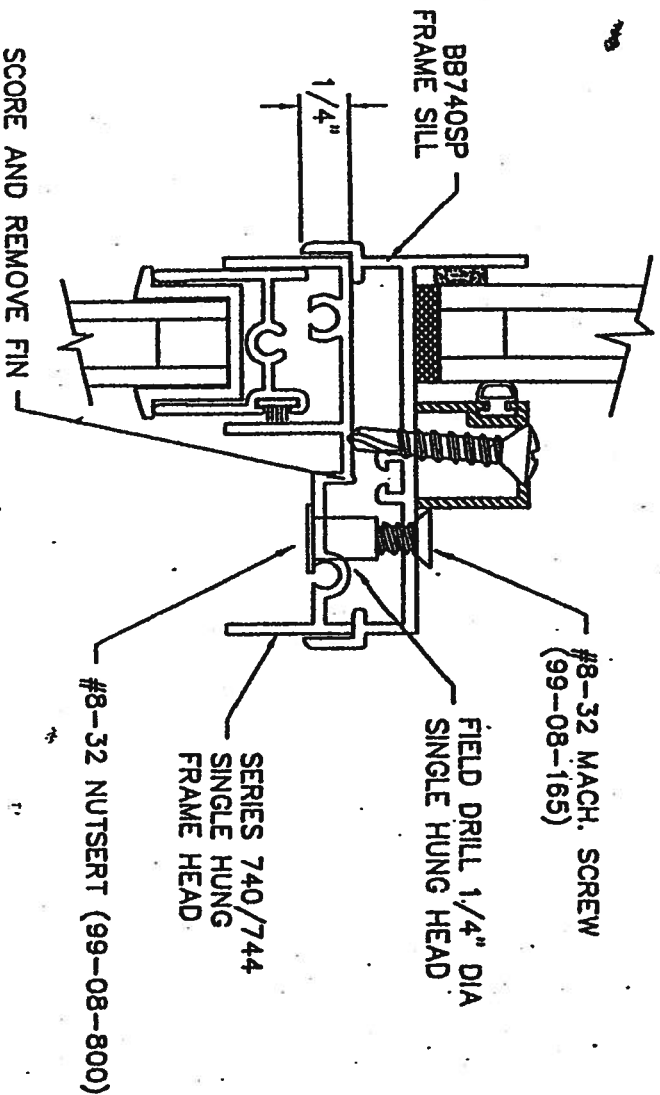
1X Buck



2X Buck



BB740SP WINDOW OVER SERIES 740/744 SINGLE HUNG



- 1). SCORE SINGLE HUNG FRAME HEAD NAIL FIN AT BASE WITH KNIFE AND REMOVE FIN FLUSH.
- 2). LOCATE SPECIALTY WINDOW ON TOP OF SINGLE HUNG (CENTERED).
- 3). USING PRE-PUNCHED HOLES PROVIDED IN SPECIALTY WINDOW FRAME SILL AS GUIDE, MARK AND DRILL 1/4" DIA HOLES IN SINGLE HUNG HEAD.
- 4). ATTACH USING #8-32 FLATHEAD MACHINE SCREWS PROVIDED (SEE ABOVE). APPROX. 1 PER FOOT. IF DESIRED BREAK OFF EXCESS #8-32 MACHINE SCREW.
- 5). INSTALL COMBINED UNITS AS ONE COMPLETE WINDOW.

NOTES:

- REMOVE NAILING FIN BY SLIDING IT OUT THE END OF THE OSX WINDOW FRAME SILL.
- TO CALCULATE OVERALL STACKED HEIGHT - ADD TTT HEIGHT OF SINGLE HUNG TO TTT HEIGHT OF OSX WINDOW AND SUBTRACT 1/4".
- THE TTT HEIGHT IS THE CALL SIZE (NOMINAL SIZE) MINUS 1/2".
- USE THE #8-32 MACHINE SCREWS AND NUTSERTS IN SCREW PACK. SIMPLY DISCARD THE ADDITIONAL SCREWS FROM PACK.

CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME:
BETTER BILT / MI HOMES
MASTER FILE # 6

#8-32 X 1 3/4" FLAT
 HEAD MACHINE
 SCREW (99-08-165)

#8-32 NUTSERT
 (99-08-800)



6 PER PACK 6 PER PACK

Series V83 'STRUCTURAL' VERTICAL MULLION - Florida Flange

740/744

- Step 1.** Caulk inside mull as shown to seal frame jambs.
- Step 2.** Place windows and mullions together as shown below.
- Step 3.** Using the pre-punched installation holes in window jambs as a drill guide, drill 1/8" holes into mullions.
- Step 4.** Attach windows to mullion using # 8 x 3/4" sheet metal screws (not included) through drilled holes as shown below. To avoid jamb distortion, do not overtighten screws.
- Step 5.** Caulk any voids to prevent any leakage.
- Step 6.** Before lifting into rough opening, drill two holes in each clip and insert into each end of mull as shown below with tab pointing to inside. Fasten each clip tab to construction with two #10 x 1 1/2" screws for structural integrity.

CENTRAL FLORIDA B.O.A.F.

MANUFACTURER NAME:

BETTER BUILDING HOMES

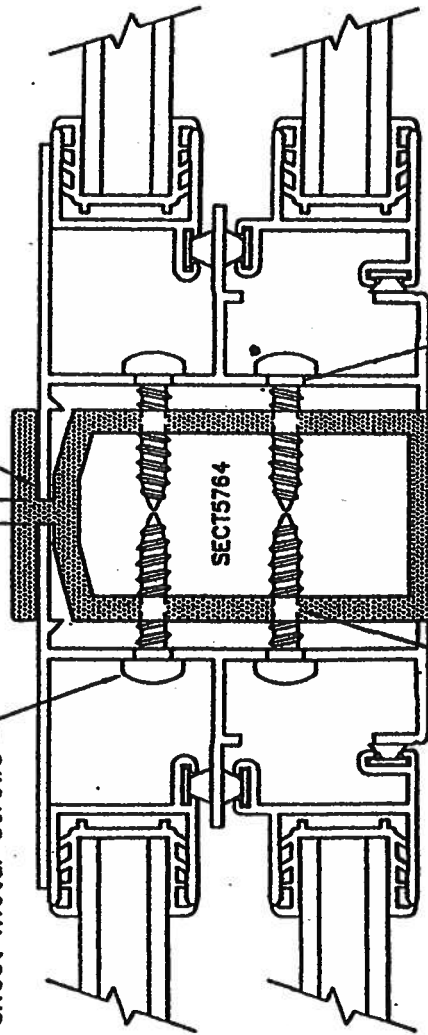
MASTER FILE # 8

Note: Each mull adds 1/8".



8 X 3/4" sheet metal screws

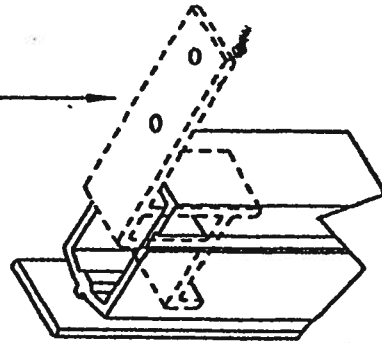
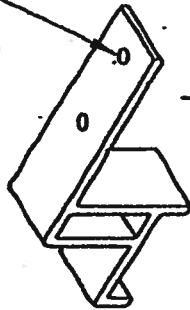
Caulk (2 places)



1/8" DRIVE HOLES (DRILLED)

PRE-PUNCHED JAMB HOLES

3/16" Clearance Holes
(Field Drilled)



MULLV83A

SEE REVERSE SIDE FOR FASTENING REQUIREMENTS.

Series V43 'STRUCTURAL' VERTICAL MULLION - Nail fin type

NOTE: If adding a transom, roundhead, etc., saw 1/4" off the top of the mull before joining units and refer to horizontal mull instruction sheet #MULLH43A.

Step 1. Strip fins from windows where mulls are to be used.

**CENTRAL
FLOID**

Step 2. Apply a bead of caulk in the mull to seal against window jambs.

Step 3. Place windows and mullions together as shown below.

Step 2. Apply a bead of caulk in the mull to seal against window jambs.

Step 8. Place windows and mullions together as shown below.

Step 4. The single hung jamb has an exterior track (screen area - bottom ~~MASTROWOOD~~ *MASTROWOOD* and an interior track (operating sash - upper half of window). In these areas only, drill 1/8" pilot holes through the jambs into the mullion, then re-drill the jambs only with 3/16" clearance holes. Holes should be spaced evenly on approximately 12" to 16" centers.

Step 5. Attach windows to mullion using #8 x 3/4" sheet metal screws (not included) through drilled holes as shown below. To avoid jamb distortion, do not overtighten screws.

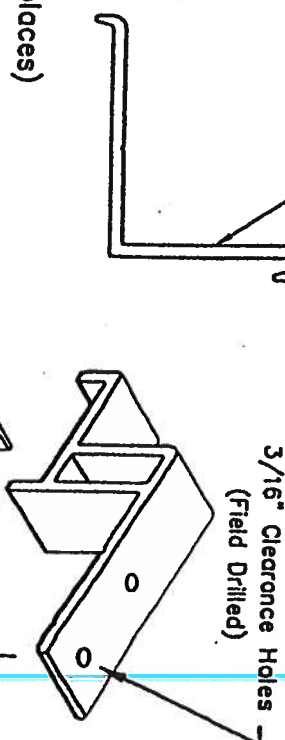
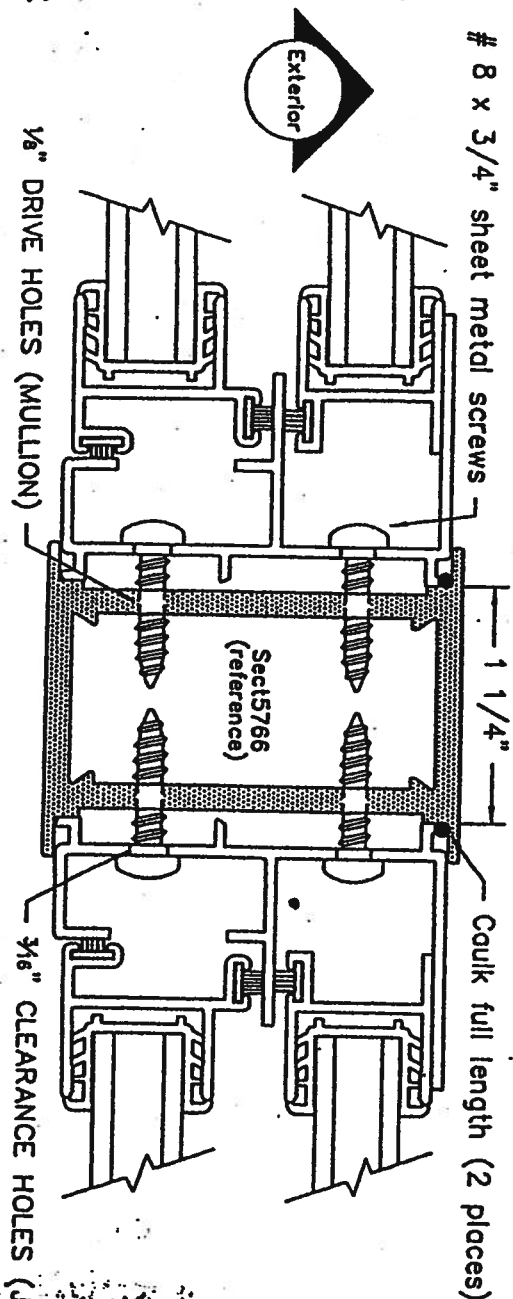
Step 6. The gap between window jambs at the top must be flashed and caulked and preferably be covered by construction overhang to prevent water leakage. A 3" long black plastic flashing clip which clips on the top edge of the nail fin is provided to help close this gap. Use ample sealant under and on the edges of this clip.

Step 7. Before lifting into rough opening, drill two holes in each clip and insert into each end of mull as shown below with tab pointing to inside. Fasten each clip tab to construction with two #10 x 1 1/2" screws for structural integrity.

NOTE: FACTORY TWINNED UNITS ARE FURNISHED WITH A FULL LENGTH DRIP CAP. THIS IS AVAILABLE AS AN OPTION - SPECIFY "SECT5769" AND LENGTH SHOWN ON INSTRUCTION SHEET # MULLV43B.

CAUTION: This mullion is one inch wider than the Series 543 mull which took up 1/4" between units.

ADJUST THE WIDTH OF ROUGH OPENINGS AND STACK-ON SERIES NO. 05X WINDOWS ACCORDINGLY



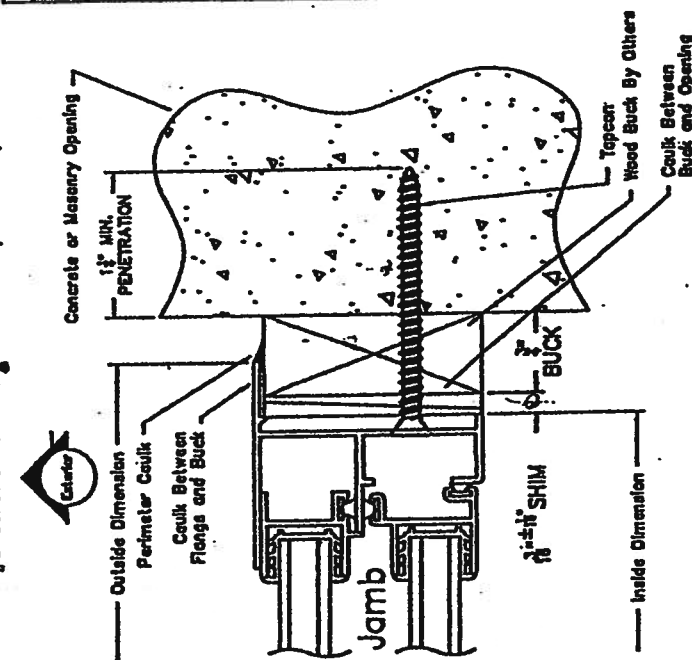
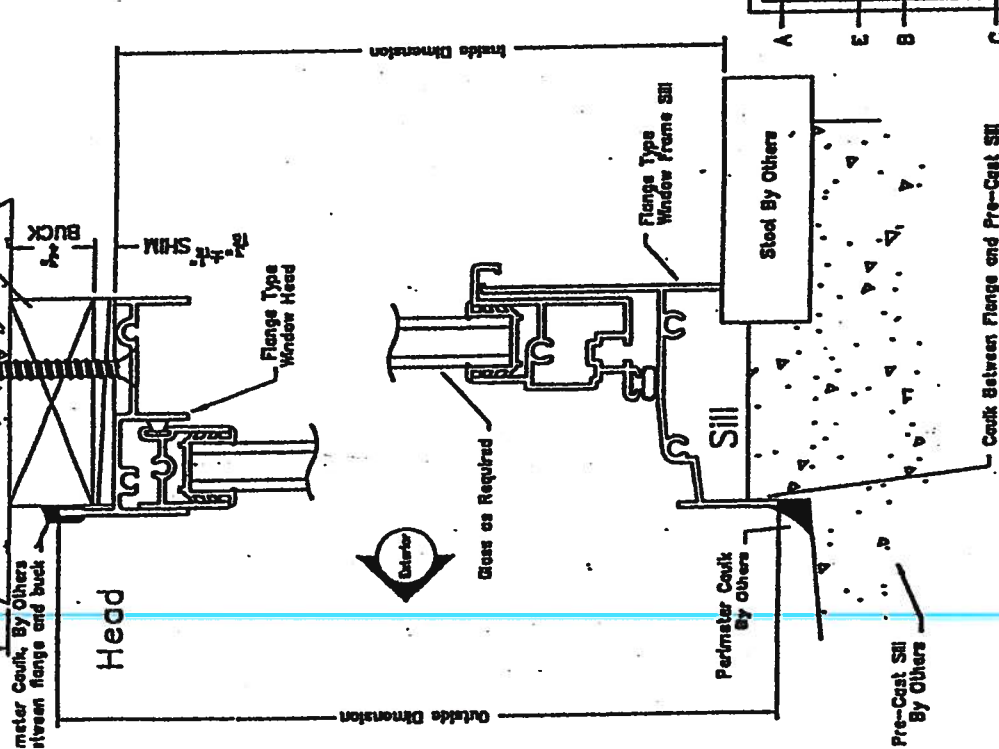
NOTE: SEE REVERSE SIDE FOR FASTENING REQUIREMENTS.

MULLV43A



Betterbilt

1. Shim as required at each installation anchor as shown, with load bearing shlm.
2. Anchor must be of sufficient length to provide 1 1/4" min. embedment into masonry or concrete.
3. Caulk between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary with window size and design load, and must comply with ASTM E1300.
7. Letter designations on the tapcon location chart indicate where anchors are to be installed using the elevation as a key.
8. All factory applied holes not designated for tapcon* should be filled with #8 screws of sufficient lth. to provide 5/8" min. embedment into wood buck.



CODE SIZE	WINDOW SIZE	TAPCON * LOCATION CHART	
		FASTENER LOCATIONS	DP38 TO DP62 DP63.1 TO DP70.8
12	18 1/8 x 25	A C	A C
13	18 1/8 x 37 3/8	A C	A C
14	18 1/8 x 49 5/8	A C	A C
15	18 1/8 x 62	A B, C	A B, C
16	18 1/8 x 71 1/4	A C	A C
1/2 32	25 1/2 x 25	A C	A C
1/2 33	25 1/2 x 37 3/8	A C	A B, C
1/2 34	25 1/2 x 49 5/8	A B, C	A B, C
1/2 35	25 1/2 x 62	A B, C	A B, C
1/2 36	25 1/2 x 71 1/4	A B, C	A B, C
22	38 x 25	A C	A C
23	38 x 37 3/8	A B, C	A B, C
24	38 x 49 5/8	A B, C	A B, C
25	38 x 62	A B, C	A B, C
26	38 x 71 1/4	A B, C	A B, C, D
32	52 1/8 x 25	A C	A C
33	52 1/8 x 37 3/8	A B, C	A B, C
34	52 1/8 x 49 5/8	A B, C	A B, C, D
35	52 1/8 x 62	A B, C	A B, C, D, E
36	52 1/8 x 71 1/4	A B, C, D	A B, C, D, E

TAPCON TYPE HARDENED MASONRY SCREWS
INCLUDE TAPCON, RAIL, & SHIPSON

Design Pressures values listed above are in PSF

CENTRAL FLORIDA B.O.B.F.

MANUFACTURER NAME:

BETTER BUILT HOMES

DATE: 11/15/02

NO. 47102

STATE OF FLORIDA

EXTERIOR ELEVATION

740/744 SINGLE HUNG

INST740

1 of 1

DATE: 1/15/02

S.W. S. W.

DATE: 1/15/02

DATE: 1/15/02

DATE: 1/15/02

DATE: 1/15/02

DATE: 1/15/02

DATE: 1/15/02

740/744 SH & PW SERIES - MILE PER HOUR (MPH) MAXIMUM SIZE CHART

SERIES/TYPE	MPH ZONE(S)	REQUIRED MULLION	MAXIMUM SIZES ALLOWED		
			SINGLE UNIT	TWIN UNIT	TRIPLE UNIT
740/744 SH OR PW FIN OR FLANGE FRAME SNG GLZ OR INS	UP TO 140 MPH	N/A	N/A	53-1/8" X 72-1/4"	N/A
740/744 SH OR PW FIN FRAME SNG GLZ OR INS	UP TO 130 MPH	VERTICAL MULL #V43	N/A	53-1/8" X 72-1/4"	53-1/8" X 72-1/4"
740/744 SH OR PW FIN FRAME SNG GLZ OR INS	UP TO 140 MPH	VERTICAL MULL #V43	N/A	53-1/8" X 63" OR 42" X 72-1/4"	53-1/8" X 63" OR 42" X 72-1/4"
740/744 SH OR PW FLANGE FRAME SNG GLZ OR INS	UP TO 130 MPH	VERTICAL MULL #V63	N/A	53-1/8" X 72-1/4"	53-1/8" X 72-1/4"
740/744 SH OR PW FLANGE FRAME SNG GLZ OR INS	UP TO 140 MPH	VERTICAL MULL #V63	N/A	53-1/8" X 63" OR 42" X 72-1/4"	53-1/8" X 63" OR 42" X 72-1/4"
740/744 SH OR PW FIN OR FLANGE FRAME SNG GLZ OR INS	UP TO 120 MPH	HORIZONTAL MULL #H43/H83	N/A	53-1/2" X 72-1/4"	32" X 72-1/4"
740/744 SH OR PW FIN OR FLANGE FRAME SNG GLZ OR INS	UP TO 140 MPH	HORIZONTAL MULL #H43/H83	N/A	45" X 72-1/4" W/TRANSOM*	30" X 72-1/4" W/TRANSOM*
740/744 SH OR PW FIN FRAME SNG GLZ OR INS	UP TO 120 MPH	SELF- STACKING SILL	53-1/8" X 72-1/4" W/TRANSOM*	N/A	N/A
740/744 SH OR PW FIN FRAME SNG GLZ OR INS	UP TO 140 MPH	SELF- STACKING SILL	48" X 72-1/4" W/TRANSOM*	N/A	N/A
740/744 SH OR PW FLANGE FRAME SNG GLZ OR INS	UP TO 140 MPH	MULL #V83 (USED HORIZONTALLY)	53-1/8" X 72-1/4" W/TRANSOM*	N/A	N/A

* All Transoms (1, 2, & 3-Lites) must be continuous frame.

* Transom units must be a minimum of 1/0 tall. The maximum transom height is one half the width of the transom.
Both Single Hung & Picture Windows can be used in combination up to the maximum sizes listed above.

MI HOME PRODUCTS

- PRIME ALUMINUM WINDOWS -

INSTALLATION INSTRUCTIONS FOR

"NAIL FIN" PRODUCTS

MI Home Products appreciates your recent purchase of a maintenance free prime window, which will not rust, rot, mildew, or warp. This is a quality product that left our factory in good condition – proper handling and installation are just as important as good design and workmanship. Please follow these recommendations to allow this product to complete its function.

1. Handle units one at a time in the closed and locked position and take care not to scratch frame or glass or to bend the nailing fin.
2. Set unit plumb and square into opening and make sure that there is $3/16" \pm 1/16"$ clearance around the frame. Fasten unit into opening in the closed and locked position, making sure that fasteners are screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight and level. Check operation of unit before any and all fasteners are set.
3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place first screws (two at each corner) 3" from end of fin. For positive and negative DP's (design pressures) up to 35, do not exceed 24" spacing of additional screws. For DP's from 35.1 to 50, do not exceed 18". Install load bearing shim adjacent to each anchor. Use shim where space exceeds 1/16".
4. Flash over head and caulk outside perimeter in accordance with code requirements and good installation practices.
5. Fill voids between frame and construction with loose batten type insulation or non-expanding aerosol foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aerosol type insulating foam, which can bow the frame, waives all stated warranties.
6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make sure that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinegar, alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cause chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken glass and it could eventually break from thermal expansion and contraction. Clean units with water and mild detergent as you would your automobile.

- CAUTION -

MI Home Products or its representatives are unable to control and cannot assume responsibility for the selection and placement of their products in a building or structure in a manner required by laws, statutes, and/or building codes. The purchaser is solely responsible for knowledge of and adherence to the same. MI Home Products window products are not provided with safety glazing unless specifically ordered with such. Many laws and codes require safety glazing near doors, bathtubs, and shower enclosures. Also be aware of emergency egress code requirements.

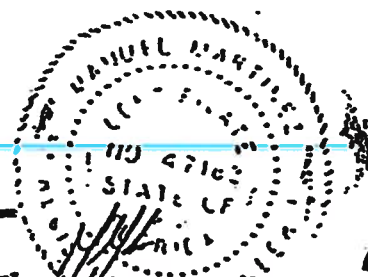
Corporate Headquarters:
650 West Market St.
Graz, PA 17030-0370
(717) 365-3300

CENTRAL FLORIDA B.O.A.F.

MANUFACTURER NAME:

BETTER BUILT / MI HOMES

MASTER FILE # 5



Front Door

JELD-WEN
DOORS & WINDOWS

HURRICANE DOOR SYSTEMS

SISTEMA PARA PUERTAS HURACANES

CONTAINS:

1. Engineer's Notice of Evaluation	#GSI-162F	
2. Engineer's Notice of Evaluation	#GDI-164F	
3. Engineer's Notice of Evaluation	#GTI-166F	
4. DC Energy Saver Wood Edge 6'8" Opaque Steel Door	X, XO, OX, XX, OXXO	Outswing/inswing with and without sidelites up to 6'8" in height
5. DC Energy Saver Wood Edge 8'0" Opaque Steel Door	X, XO, OX, XX, OXXO	Outswing/inswing
6. DC Gladiator Wood Edge 6'8" Glazed Outswing Steel Door	X, XO, OX, XX, OXXO	Outswing
7. DC Energy Saver Wood Edge 6'8" Glazed Steel Door	X, XO, OX, XX, OXXO	Outswing/inswing
8. DC Energy Saver Wood Edge 8'0" Glazed Steel Door	X, XO, OX, XX, OXXO	Outswing
9. DC Energy Saver Steel Edge 8'0" Glazed Steel Door	X, XO, OX, XX, OXXO	Outswing/inswing
10. DC Gladiator Wood Edge 6'8" Opaque Steel Door w/wo sidelites	X, XO, OX, XX, OXXO	Outswing/inswing

It is 460 Brass Double Door

**Notice of Acceptance and
Approval/Installation Drawings
Save for Builder and Inspector**



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3831

ENGINEER'S NOTICE OF EVALUATION # GDI-164F

JELD-WEN, INC.
3250 Lakeport Blvd.
Klamath Falls, Oregon 97601
Phone 541.783.2057 Facsimile 541.783.3592

DESCRIPTION OF UNIT

Model Designation: DoorCraft®Gladiator® Steel Door (Glazed or Opaque) with or without Side-lites

Maximum Overall Nominal Size: up to 8'4 x 6'8 **Usable In-swing Configurations:** XX, OXXO

General Description: The head and jambs are wood measuring 4.5" x 1.25" with an extruded aluminum saddle threshold. The door panels and sidelite panels are 1.75" thick and consist of two 25 gauge (min 0.018") steel skins glued to wood stiles and rails with an expanded polystyrene core. The inactive door panel is affixed with an extruded aluminum astragal to receive the active panel. The glazed models are routed to receive 1/2" insulated tempered lip lite inserts manufactured by ODL.

FBC Section 1707 Materials and Assembly Tests:
(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTM E330	Uniform Static Air Pressure	CTL - Orlando, Florida	October 6, 1999	CTLA456W	Ramesh Patel P.E. # 20224
		QTI - Everett, Washington	August 13, 1998	S98-280-MH	J. Clark Johnson P.E. # 15891
AAMA 1302.5	Forced Entry	CTL - Orlando, Florida	October 6, 1999	CTLA456W	Ramesh Patel P.E. # 20224
		QTI - Everett, Washington	August 13, 1998	S98-280-MH	J. Clark Johnson P.E. # 15891
ASTM E331	** Water Penetration	CTL - Orlando, Florida	October 6, 1999	CTLA456W	Ramesh Patel P.E. # 20224
		QTI - Everett, Washington	August 13, 1998	S98-280-MH	J. Clark Johnson P.E. # 15891
ASTM E283	Air Infiltration	CTL - Orlando, Florida	October 6, 1999	CTLA456W	Ramesh Patel P.E. # 20224
		QTI - Everett, Washington	August 13, 1998	S98-280-MH	J. Clark Johnson P.E. # 15891

** Sidelites are considered a window and meet 15% of Positive Design Pressure water infiltration criteria under ASTM E331.

Design Pressure Ratings:

Configuration	Maximum Size	Design Pressure Ratings
Opaque Double XX	Up To 6'0 x 6'8	+48.00 -48.00
Opaque Double with Sidelites OXXO	Up To 8'4 x 6'8	+48.00 -48.00
Glazed Double XX	Up To 6'0 x 6'8	+48.00 -48.00
Glazed Double with Sidelites OXXO	Up To 8'4 x 6'8	+48.00 -48.00

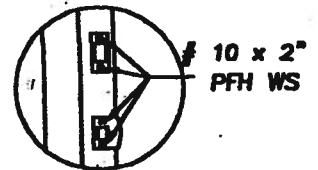
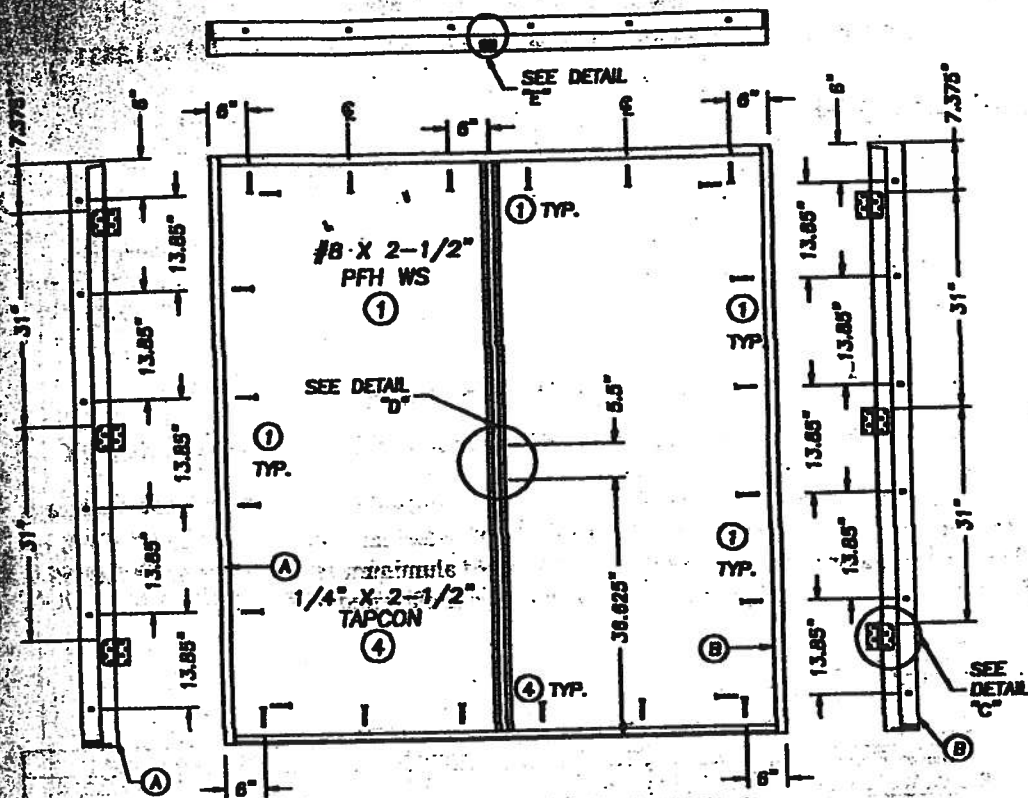
Installation and Anchoring: See reverse side this page

Use

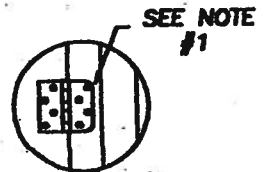
1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures does not exceed the design pressure ratings listed above.
2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

Certification: Florida Professional Engineer - Seal No. 54158 March 12, 2002 Wendell Haney

DoorCraft® Gladiator® Wood Edge In-swing Steel Door
Maximum Size Up To 8'4" x 6'8"

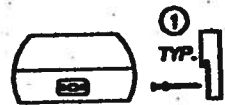
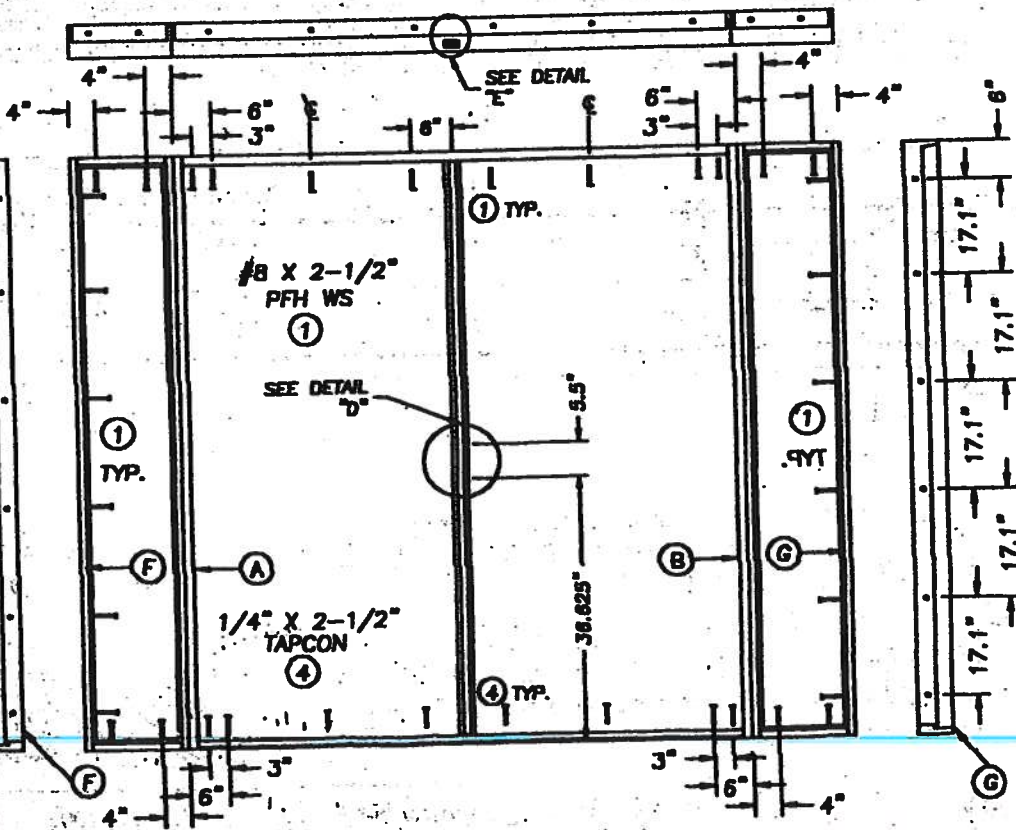


DETAIL "D"
STRIKE AND DEADBOLT
PLATES TO ASTRAGAL



DETAIL "C"
HINGE TO DOOR
AND FRAME

NOTE NO. 1:
WHEN ATTACHING THE
HINGE JAMB TO THE
SIDELITE JAMB USE A
#10 x 1 1/2" PFH WS.
WHEN ANCHORING THE HINGE
JAMB TO SUB BUCK USE A
#10 x 2" PFH WS. AND A
#9 x 1" PFH WS IN THE
REMAINING HOLES.



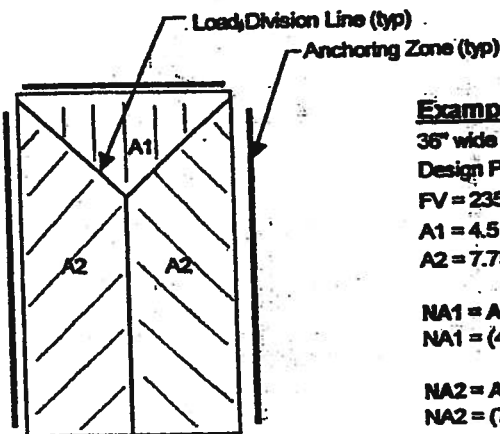
DETAIL "E"
ATTACH ASTRAGAL THROW BOLT
STRIKE PLATE TO FRAME WITH
2 - #8 X 2-1/2" PFH WS

DOOR FRAME ANCHORING

The 2001 FLORIDA BUILDING CODE requires window and door assemblies to be anchored according to the manufacturer's recommendations to achieve the design pressures specified (see Section 1707.4.4 Anchorage Methods). The sketches below represent the load paths used to calculate this anchoring.

DOOR TYPES: Single or Double (with or without sidelites)

Load Path Sketches:



Single Door

Example:

36" wide X 80" high
Design Pressure = 65 psf
FV = 235 lbs.
A1 = 4.5 sf
A2 = 7.75 sf

$$NA1 = A1 \cdot P / FV$$

$$NA1 = (4.5)(65)/235 = 1.3 \text{ (round up to 2)}$$

$$NA2 = A2 \cdot P / FV$$

$$NA2 = (7.75)(65)/235 = 2.1 \text{ (round up to 3)}$$

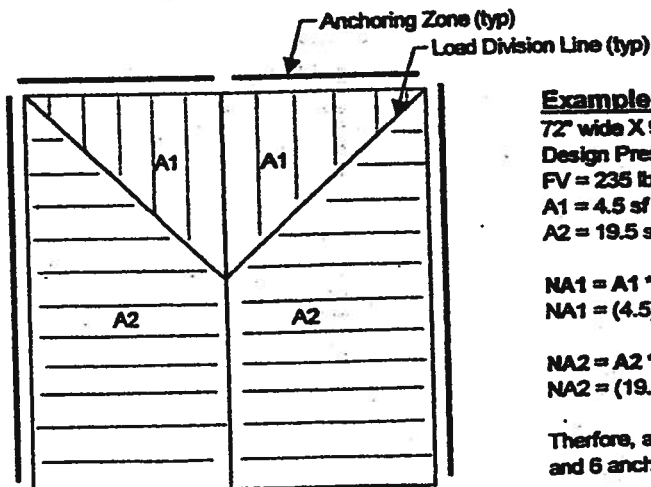
Therefore, a minimum of 2 anchors in zone A1 and 3 anchors in zone A2 are required (5 total).

Anchoring Formula:

NA = Number of Anchors Required per Zone
P = Design Pressure (psf)
A1, A2 = Area (sq. feet) per zone
FV = Fastener Shear Value (lbs.)

$$NA1 = A1 \cdot P / FV$$

$$NA2 = A2 \cdot P / FV$$



Double Door / Single Door w/sidelites

Example:

72" wide X 96" high
Design Pressure = 65 psf
FV = 235 lbs.
A1 = 4.5 sf
A2 = 19.5 sf

$$NA1 = A1 \cdot P / FV$$

$$NA1 = (4.5)(65)/235 = 1.3 \text{ (round up to 2)}$$

$$NA2 = A2 \cdot P / FV$$

$$NA2 = (19.5)(65)/235 = 5.4 \text{ (round up to 6)}$$

Therefore, a minimum of 2 anchors in each zone A1 and 6 anchors in each zone A2 are required (16 total).

Note: A2 load is conservative since loads supported by astragal are not considered.

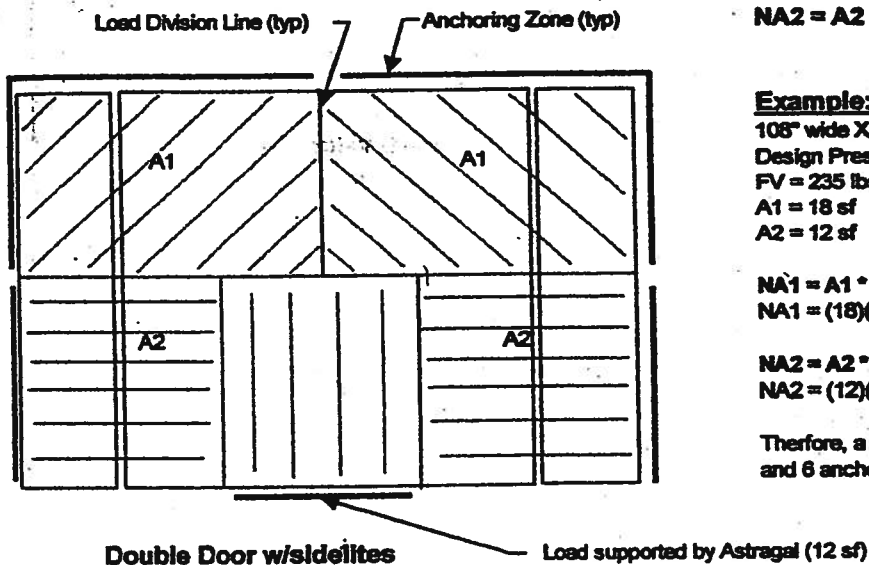
6/17/2002

Lynden F. Schmidt, P.E.
Florida License No. 43409
19506 French Lane Dr.
Lutz, FL 33558

R W Building Consultants, Inc.
Consulting and Engineering Services for the Building Industry
P.O. Box 230 Valrico, FL 33594 Phone 813.684.3931 Facsimile 813.684.3934

DOOR FRAME ANCHORING (cont'd)

Load Path Sketches:



Anchoring Formula:

NA = Number of Anchors Required per Zone

P = Design Pressure (psf)

A1, A2 = Area (sq. feet) per zone

FV = Fastener Shear Value (lbs.)

$$NA1 = A1 \cdot P / FV$$

$$NA2 = A2 \cdot P / FV$$

Example:

108" wide X 96" high

Design Pressure = 47 psf

FV = 235 lbs.

A1 = 18 sf

A2 = 12 sf

$$NA1 = A1 \cdot P / FV$$

$$NA1 = (18)(47)/235 = 3.6 \text{ (round up to 4)}$$

$$NA2 = A2 \cdot P / FV$$

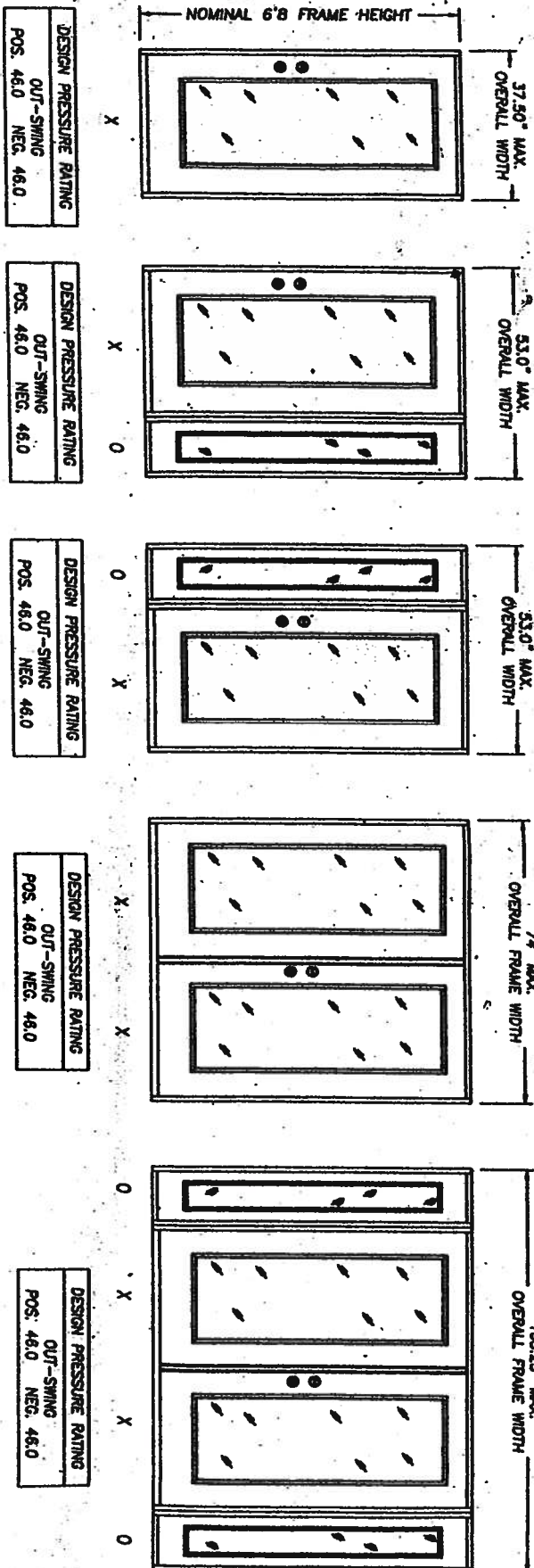
$$NA2 = (12)(47)/235 = 2.4 \text{ (round up to 3)}$$

Therefore, a minimum of 4 anchors in each zone A1 and 6 anchors in each zone A2 are required (14 total).

6/17/2002

Lyndon F. Schmidt, P.E.
Florida License No. 43409
19508 French Lake Dr.
Lutz, FL 33558

DoorCraft® GLADIATOR
WOOD EDGE GLAZED INSULATED STEEL DOOR
OUT-SWING 6-8 UNITS W/ 8 W/OUT SIDELITES



GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE DOORS AND SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1624.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR OUTSWING WAGONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING WOOD STUD ANCHORING SEE SHEET 3 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 23 GA. (0.018") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE DOOR AND SIDELITE GLAZING ARE 0.5" INSULATED GLASS BY 00L.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING).

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lane Drive Lutz, FL 33558

JUNE 17, 2002

DATE	6/12/02	BY	
DRW. BY	WLN	DATE	
SCALE	N.T.S.	REVISION	
CHK. BY	RV		
DESIGN NO.	JW-104-OC		
SHEET	1 OF 3		

PRODUCT: GLADIATOR
WOOD EDGE GLAZED STEEL DOOR
GLAZED W/NO SIDELITES
PART OR ASSEMBLY:
GENERAL NOTES &
TYPICAL ELEVATIONS

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97824
PH. 541.783.2057

12/29/2003 15:39 FAX

001/018

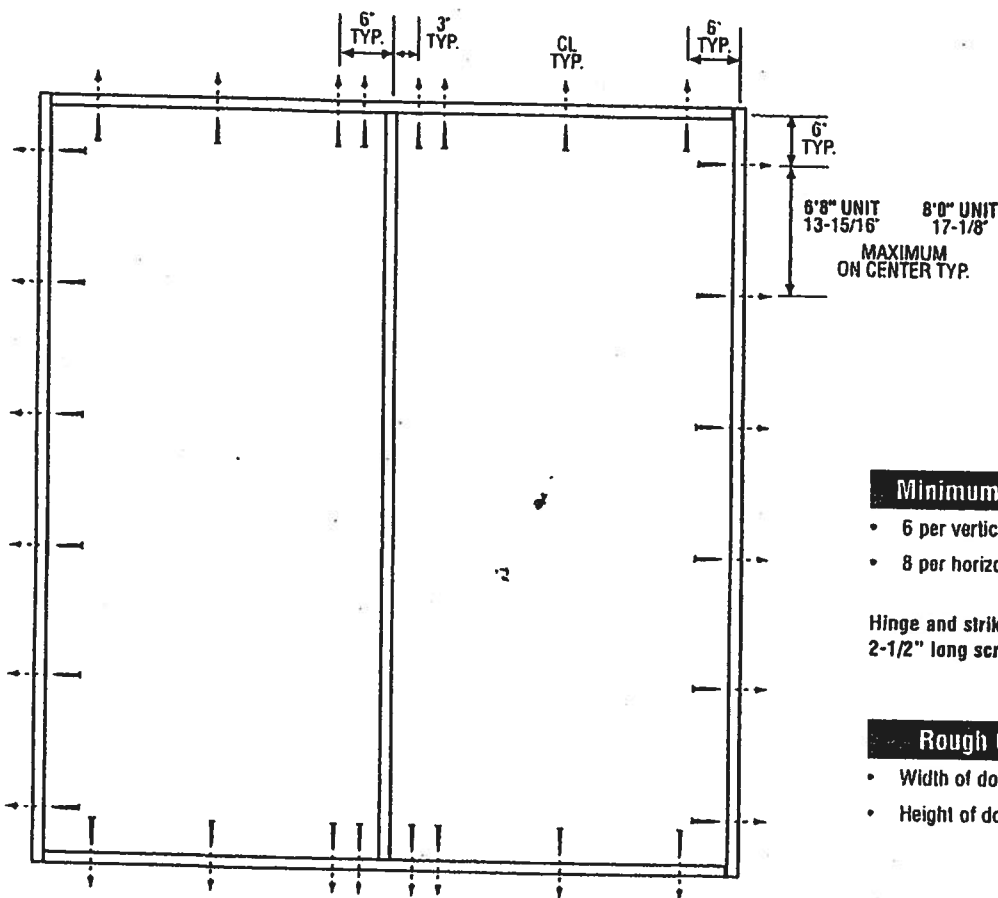
XX
Unit

MASTER COPY

PREMDOR

MID-WL-MA0002-02

DOUBLE DOOR

**Minimum Fastener Count**

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"



Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3147, 3167, 3242*, 3247, 3262* or 3267**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

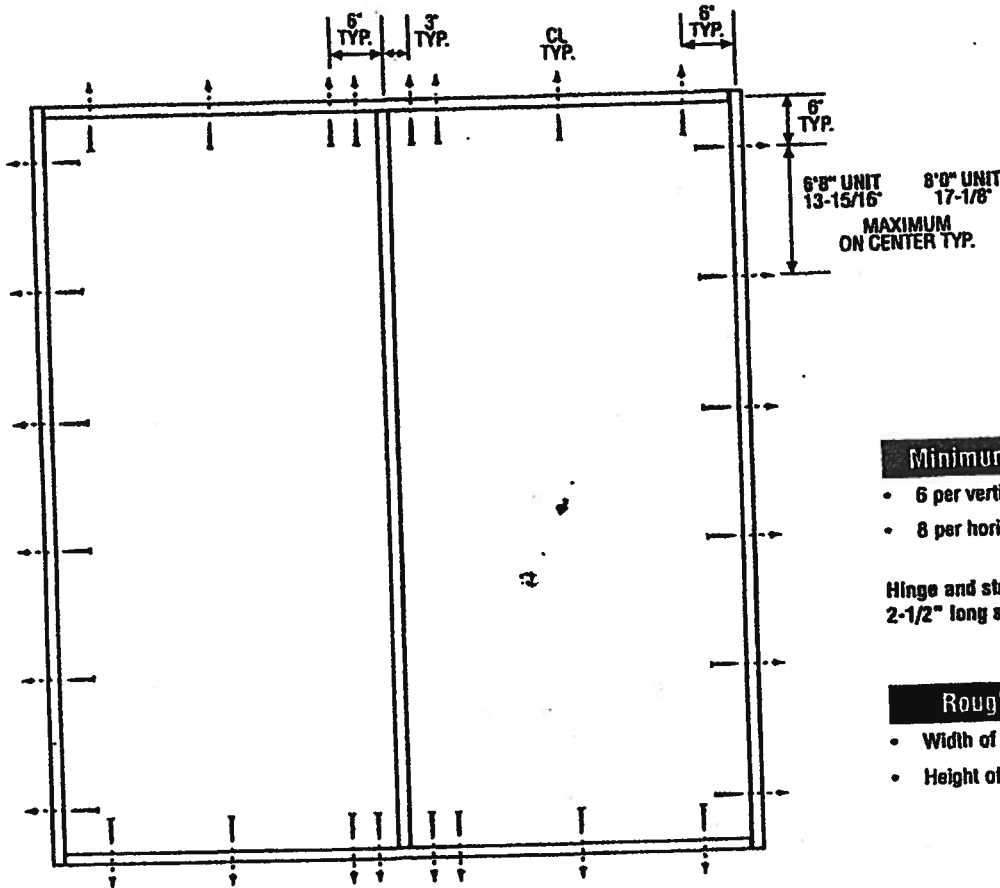
1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.

XX
Unit

MID-WL-MA0012-02

DOUBLE DOOR

PATIO



Minimum Fastener Count

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2\"

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

* all screw locations needed to meet codes *

Latching Hardware:

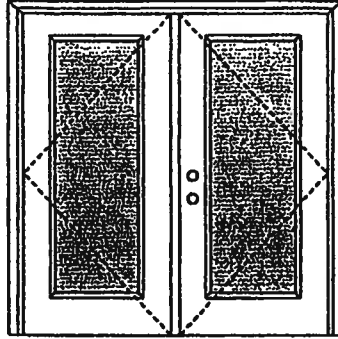
- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- Compliance requires that 6\"

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16\"
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4\"

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

Design Pressure
+50.5/-50.5
Limited water unless special threshold design is used.

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

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

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0012-02.

APPROVED DOOR STYLES:

1/4 GLASS:



400 Series



110 Series



243 Series

1/2 GLASS:



439 Series



430 Series



230 Series



239 Series



438 Series



150 Series



**Door Fabrication
Services, Inc.**

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

Masonite®

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



440 Series



240 Series

FULL GLASS:



469 Series



460 Series



350 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL-210-2824-1

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top and bottom end rails constructed of wood or 0.032" 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).

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

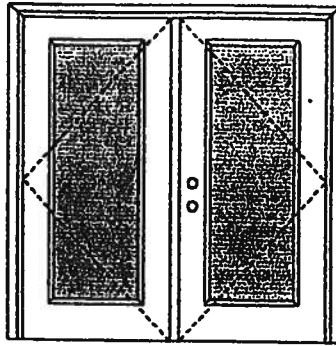
**Door Fabrication
Services, Inc.**

June 17, 2002, 2002
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Masonite®

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

Double Door

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

Design Pressure

+50.5/-50.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0012-02.

APPROVED DOOR STYLES:

1/4 GLASS:



400 Series



110 Series



245 Series

1/2 GLASS:



439 Series



430 Series



230 Series



239 Series



438 Series



150 Series

**Door Fabrication
Services, Inc.**

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

Masonite®

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



440 Series



240 Series

FULL GLASS:



469 Series



460 Series



350 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL-210-2824-1

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top and bottom end rails constructed of wood or 0.032" 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 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).

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

FLUSH GLAZED DOORS

COP# (WT-)	Config.	Swing (U/D)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type*	+DP (psf)	w/Surf. Belts	-DP App'd	w/Surf. Belts	Impact	Ref. Test Reports*	Ass'y Detail (MAD-WT-MA)	Intall Detail (MID-WT-MA)
MA3241-02	X	I	36 X 80	1	36 X 80	IG	40.0	50.0	40.0	60.0	N	CTLA826W	0001-02; 0042-02	0001-02
MA3242-02	XX	I	72 X 80	1, 2	36 X 80	IG	40.0	60.0	40.0	60.0	N	CTLA826W	0002-02; 0042-02	0002-02
MA3243-02	XO/OX	I	72 X 80	1	36 X 80	IG	40.0	60.0	40.0	60.0	N	CTLA826W	0003-02; 0006/0042-02	0003-02
MA3244-02	OXO	I	108 X 80	1	36 X 80	IG	40.0	60.0	40.0	60.0	N	CTLA826W	0004-02; 0007/0042-02	0004-02
MA3245-02	OXO	I	144 X 80	1, 2	36 X 80	IG	40.0	60.0	40.0	60.0	N	CTLA826W	0005-02; 0008/0042-02	0005-02
MA3246-02	X	I	36 X 96	1	36 X 96	IG	50.0	NA	55.0	NA	N	CTLA860W	0001-02; 0042-02	0001-02
MA3247-02	XX	I	72 X 96	1, 2	36 X 96	IG	50.0	NA	55.0	NA	N	CTLA860W	0002-02; 0042-02	0002-02
MA3248-02	XO/OX	I	72 X 96	1	36 X 96	IG	50.0	NA	55.0	NA	N	CTLA860W	0003-02; 0006/0042-02	0003-02
MA3249-02	OXO	I	108 X 96	1	36 X 96	IG	50.0	NA	55.0	NA	N	CTLA860W	0004-02; 0007/0042-02	0004-02
MA3250-02	OXO	I	144 X 96	1, 2	36 X 96	IG	50.0	NA	55.0	NA	N	CTLA860W	0005-02; 0008/0042-02	0005-02
MA3261-02	X	O	36 X 80	1	36 X 80	IG	46.0	60.0	43.0	60.0	N	CTLA-826W	0011-02; 0042-02	0001-02
MA3262-02	XX	O	72 X 80	1, 2	36 X 80	IG	46.0	60.0	43.0	60.0	N	CTLA-826W	0012-02; 0042-02	0002-02
MA3263-02	XO/OX	O	72 X 80	1	36 X 80	IG	46.0	60.0	43.0	60.0	N	CTLA-826W	0013-02; 0016/0042-02	0003-02
MA3264-02	OXO	O	108 X 80	1	36 X 80	IG	46.0	60.0	43.0	60.0	N	CTLA-826W	0014-02; 0017/0042-02	0004-02
MA3265-02	OXO	O	144 X 80	1, 2	36 X 80	IG	46.0	60.0	43.0	60.0	N	CTLA-826W	0015-02; 0018/0042-02	0005-02
MA3266-02	X	O	36 X 96	1	36 X 96	IG	50.0*	NA	50.5	NA	N	CTLA-860W	0011-02; 0042-02	0001-02
MA3267-02	XX	O	72 X 96	1, 2	36 X 96	IG	50.0	NA	50.5	NA	N	CTLA-860W	0012-02; 0042-02	0002-02
MA3268-02	XO/OX	O	72 X 96	1	36 X 96	IG	50.0	NA	50.5	NA	N	CTLA-860W	0013-02; 0016/0042-02	0003-02
MA3269-02	OXO	O	108 X 96	1	36 X 96	IG	50.0	NA	50.5	NA	N	CTLA-860W	0014-02; 0017/0042-02	0004-02
MA3270-02	OXO	O	144 X 96	1, 2	36 X 96	IG	50.0	NA	50.5	NA	N	CTLA-860W	0015-02; 0018/0042-02	0005-02

* Opaque; IG-insulating glass with minimum 1/8" tempered glazing
 * tested in accordance with Metro-Date Protocols PA201, PA202 or PA203



July 31, 2002

COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.

FLUSH GLAZED DOORS

COP# (WL-)	Config.	Swing (UD)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type*	+DP (psi)	w/Surf. Bolts	+DP App'd	w/Surf. Bolts	Impact	Ref. Test Reports*	Ass'y Detail (MAO-WL-MA)	Instal Detail (MID-WL-MA)
MA0241-02	X	I	36 X 80	1	36 X 80	IG	50.5	NA	55.0	NA	N	CTLA945W	0001-02: 0042-02	0001-02
MA0242-02	XX	I	72 X 80	1, 2	36 X 80	IG	50.5	NA	55.0	NA	N	CTLA945W	0002-02: 0042-02	0002-02
MA0243-02	XO/OX	I	72 X 80	1	36 X 80	IG	50.5	NA	55.0	NA	N	CTLA945W	0003-02: 0006/0042-02	0003-02
MA0244-02				SL	36 X 80	IG	50.5	NA	55.0	NA	N			
MA0244-02	OXO	I	108 X 80	1	36 X 80	IG	50.5	NA	55.0	NA	N	CTLA945W	0004-02: 0007/0042-02	0004-02
MA0245-02				SL	36 X 80	IG	50.5	NA	55.0	NA	N			
MA0245-02	OXXO	I	144 X 80	1, 2	36 X 80	IG	50.5	NA	55.0	NA	N	CTLA945W	0005-02: 0008/0042-02	0005-02
MA0246-02				SL	36 X 80	IG	50.5	NA	55.0	NA	N			
MA0246-02	X	I	36 X 96	1	36 X 96	IG	43.0	55.0	45.0	55.0	N	CTLA945W-1	0001-02: 0042-02	0001-02
MA0247-02	XX	I	72 X 96	1, 2	36 X 96	IG	43.0	55.0	45.0	55.0	N	CTLA945W-1	0002-02: 0042-02	0002-02
MA0248-02	XO/OX	I	72 X 96	1	36 X 96	IG	43.0	55.0	45.0	55.0	N	CTLA945W-1	0003-02: 0006/0042-02	0003-02
MA0249-02				SL	36 X 96	IG	43.0	55.0	45.0	55.0	N			
MA0249-02	OXO	I	108 X 96	1	36 X 96	IG	43.0	55.0	45.0	55.0	N	CTLA945W-1	0004-02: 0007/0042-02	0004-02
MA0250-02				SL	36 X 96	IG	43.0	55.0	45.0	55.0	N			
MA0250-02	OXXO	I	144 X 96	1, 2	36 X 96	IG	43.0	55.0	45.0	55.0	N	CTLA945W-1	0005-02: 0008/0042-02	0005-02
MA0251-02				SL	36 X 96	IG	43.0	55.0	45.0	55.0	N			
MA0251-02	X	O	36 X 80	1	36 X 80	IG	55.0	NA	55.0	NA	N	CTLA945W	0011-02: 0042-02	0001-02
MA0252-02	XX	O	72 X 80	1, 2	36 X 80	IG	55.0	NA	55.0	NA	N	CTLA945W	0012-02: 0042-02	0002-02
MA0253-02	XO/OX	O	72 X 80	1	36 X 80	IG	55.0	NA	55.0	NA	N	CTLA945W	0013-02: 0016/0042-02	0003-02
MA0254-02				SL	36 X 80	IG	55.0	NA	55.0	NA	N			
MA0254-02	OXO	O	108 X 80	1	36 X 80	IG	55.0	NA	55.0	NA	N	CTLA945W	0014-02: 0017/0042-02	0004-02
MA0255-02				SL	36 X 80	IG	55.0	NA	55.0	NA	N			
MA0255-02	OXXO	O	144 X 80	1, 2	36 X 80	IG	55.0	NA	55.0	NA	N	CTLA945W	0015-02: 0018/0042-02	0005-02
MA0256-02				SL	36 X 80	IG	55.0	NA	55.0	NA	N			
MA0256-02	X	O	36 X 96	1	36 X 96	IG	47.0	55.0	40.0	55.0	N	CTLA-945W-1	0001-02: 0042-02	0001-02
MA0257-02	XX	O	72 X 96	1, 2	36 X 96	IG	47.0	55.0	40.0	55.0	N	CTLA-945W-1	0002-02: 0042-02	0002-02
MA0258-02	XO/OX	O	72 X 96	1	36 X 96	IG	47.0	55.0	40.0	55.0	N	CTLA-945W-1	0003-02: 0006/0042-02	0003-02
MA0259-02				SL	36 X 96	IG	47.0	55.0	40.0	55.0	N			
MA0259-02	OXO	O	108 X 96	1	36 X 96	IG	47.0	55.0	40.0	55.0	N	CTLA-945W-1	0004-02: 0007/0042-02	0004-02
MA0270-02				SL	36 X 96	IG	47.0	55.0	40.0	55.0	N			
MA0270-02	OXXO	O	144 X 96	1, 2	36 X 96	IG	47.0	55.0	40.0	55.0	N	CTLA-945W-1	0005-02: 0008/0042-02	0005-02

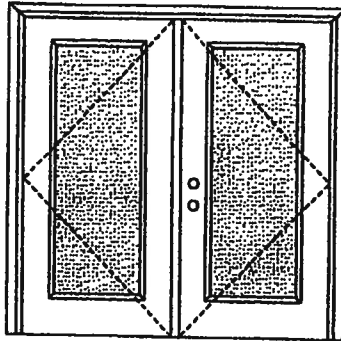
* O=opaque; IG=insulating glass with minimum 1/8" tempered glazing
 * tested in accordance with Metro-Data Protocols PA201, PA202 or PA203



October 14, 2002
 COP/MAO/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.

FLUSH-GLAZED FIBERGLASS DOORS

APPROVED ARRANGEMENT:



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

Design Pressure
+55.0/-55.0

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.



Test Data Review Certificate 302644/A;
3020447B; 3026447C and GCP/Test
Report Validation Matrix 3026447A-004;
3026447B-004; 3026447C-004 provides
additional information - available from the
ITS/WH website (www.edsonmko.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-MA0042-02.

2:

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES: FULL GLASS:



120, 122, 126 Series

PREMIUMTM SERIES
FLUSH-GLAZED DOOR PANELS

October 14, 2002
Our continuing program of product improvement makes specifications
design and product detail subject to change without notice

 **Masonite®**

FLUSH-GLAZED FIBERGLASS DOORS

CERTIFIED TEST REPORTS:

CTLA-945W

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels are constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic flush glazed surround.

Frame constructed of wood with an extruded aluminum 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).



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



Test Data Review Certificate 3028447A;
3028447B; 3028447C and COP/Test
Report Validation Matrix 3028447A-004;
3028447B-004; 3028447C-004 provides
additional information - available from the
ITSAWH website (www.itsemko.com), the
Masonite website (www.masonite.com) or
the Masonite technical center.

PREMIUM SERIES
FLUSH-GLAZED DOOR PANELS

October 14, 2002

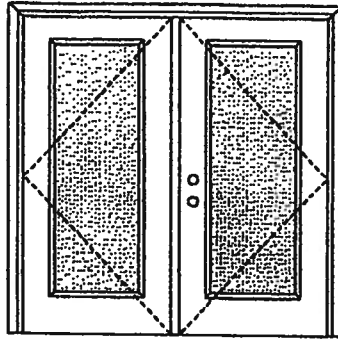
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10

FLUSH-GLAZED 8'0" FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate 3026447A:
3026447B; 3026447C and COP/Test
Report Validation Matrix 3026447A-004;
3026447B-004; 3026447C-004 provides
additional information - available from the
ITS/WH website (www.elsemko.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 8'0".

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

Design Pressure
+47.0/-40.0
+55.0/-55.0 with surface bolts
Limited water unless special threshold design is used.

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

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0012-02 and MAD-WL-MA0042-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES: FULL GLASS:



800, 810, 826 Series

PREMIUM[™] SERIES
FLUSH-GLAZED DOOR PANELS

October 14, 2002
Our continuing program of product improvement makes specifications,
design and product detail subject to change without notice.

 **Masonite®**

FLUSH-GLAZED 8'0" FIBERGLASS DOORS

CERTIFIED TEST REPORTS:

CTLA-945W-1

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic flush glazed surround.

Frame constructed of wood with an extruded aluminum 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 Balth

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

Warnock Hersey



Test Data Review Certificate 3026447A:
3026447B; 3026447C and COP/Test
Report Validation Matrix 3026447A-004;
3026447B-004; 3026447C-004 provides
additional information - available from the
ITS/WH website (www.itswh.com), the
Masonite website (www.masonite.com) or
the Masonite technical center.

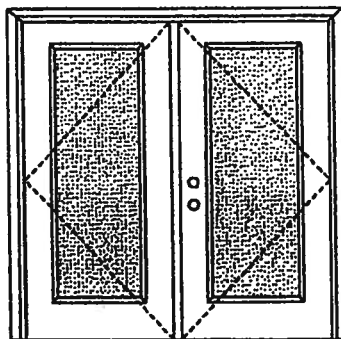
PREMIUM SERIES
FLUSH-GLAZED DOOR PANELS

October 14, 2002
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designs and product details subject to change without notice.

Masonite®

FLUSH-GLAZED FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate 3026447A;
3026447B; 3026447C and COP/1st
Report Validation Matrix 3026447A-004;
3026447B-004; 3026447C-004 provides
additional information - available from the
ITS/WH website (www.itswh.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".

Double Door

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

Design Pressure

+50.5/-55.0

Unfired water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is **REQUIRED**.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02 and
MAD-WL-MA0042-02.

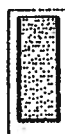


MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

FULL GLASS:



120, 122, 126 Series

FLUSH-GLAZED FIBERGLASS DOORS

CERTIFIED TEST REPORTS:

CTLA-945W

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels are constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic flush glazed surround.

Frame constructed of wood with an extruded aluminum 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).



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



Test Data Review Certificate 3026447A;
3026447B; 3026447C and COP/Test
Report Validation Matrix 3026447A-004;
3026447B-004; 3026447C-004 provides
additional information - available from the
ITS/WHI website (www.itswhi.com), the
Masonite website (www.masonite.com) or
the Masonite technical center.

PREMIUM SERIES
FLUSH-GLAZED DOOR PANELS

October 14, 2002
Our continuing program of product improvement makes specifications,
design and product detail subject to change without notice.



XX

Glazed Inswing Unit

COP-WL-MA0247-02

FLUSH-GLAZED 8'0" FIBERGLASS DOORS

CERTIFIED TEST REPORTS:

CTLA-945W-1

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic flush glazed surround.

Frame constructed of wood with an extruded aluminum 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).



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



Test Data Review Certificate 3026447A:
3026447B; 3026447C and COP/Test
Report Validation Matrix 3026447A-004;
3026447B-004; 3026447C-004 provides
additional information - available from the
ITSAWH website (www.itisemko.com), the
Masonite website (www.masonite.com) or
the Masonite technical center.

PREMIUM[™] SERIES
FLUSH-GLAZED DOOR PANELS

October 14, 2002
Our continuing program of product improvement makes specifications
design and product detail subject to change without notice.

 **Masonite**

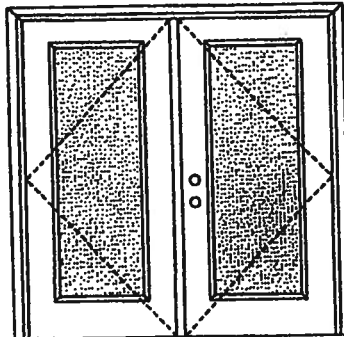
XX

Glazed Inswing Unit

COP-WL-MA0247-02

FLUSH-GLAZED 8'0" FIBERGLASS DOORS

APPROVED ARRANGEMENT:



Warnock Hersey



Test Data Review Certificate 3026447A:
3026447B; 3026447C and COP/Test
Report Validation Matrix 3026447A-004,
3026447B-004; 3026447C-004 provides
additional information - available from the
ITS/WH website (www.itswh.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 8'0".

Double Door

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

Design Pressure

+43.0/-45.0

+55.0/-57.5 with surface bolts

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is **REQUIRED**.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02 and
MAD-WL-MA0042-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

FULL GLASS:



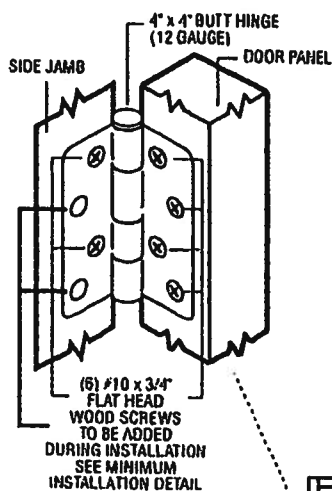
800, 810, 826 Series

XX
Unit

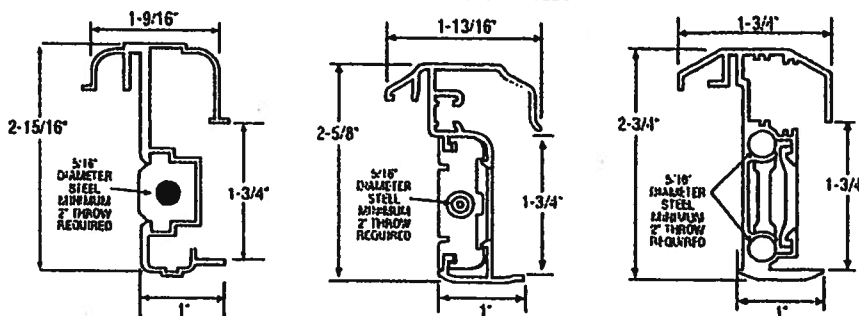
MAD-WL-MA0002-02

INSWING UNIT WITH DOUBLE DOOR

TYPICAL HINGE ATTACHMENT



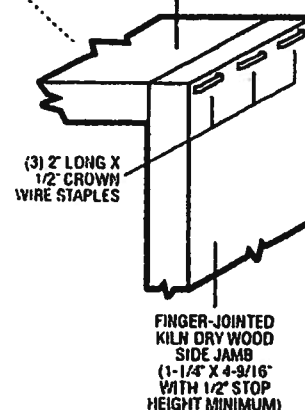
TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (0.06" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL/DEADBOLT LATCHING LOCATIONS. ATTACH WITH #8 X 1" PAN HEAD SCREWS - LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.

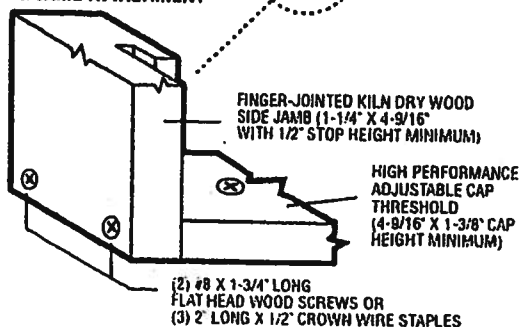
TYPICAL HEADER & SIDE JAMB ATTACHMENT

FINGER-JOINTED KILN DRY WOOD FRAME HEADER (1-1/4" X 4-9/16" WITH 1/2" STOP HEIGHT MINIMUM)



(3) FOR 7'-0" HEIGHT OR SMALLER
(4) FOR HEIGHTS GREATER THAN 7'-0"

TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



Wornock Hersey
WH

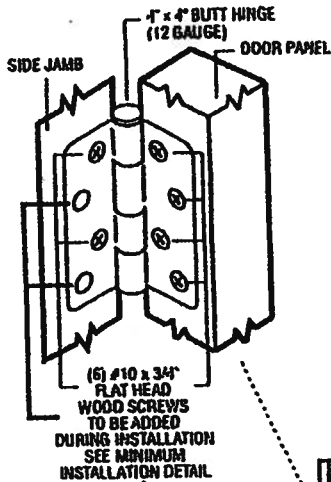
Test Data Review Certificate
#3026447A; #3026447B;
#3026447C and COP/TEST Report
Validation Matrix #3026447A-001,
002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITSMW website
(www.itsmw.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.

XX
Unit

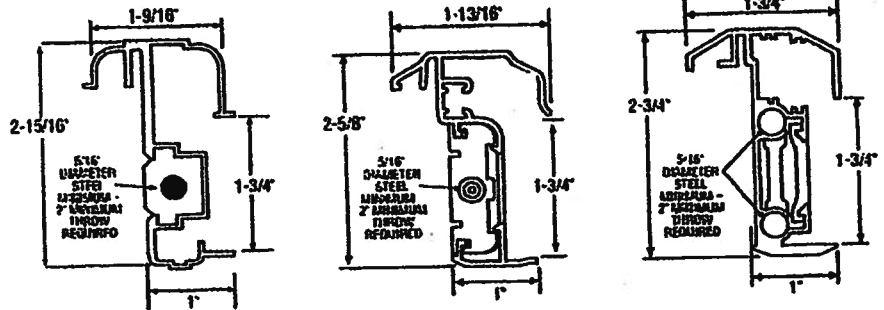
MAD-WL-MA0012-02

OUTSWING UNITS WITH DOUBLE DOOR

TYPICAL HINGE ATTACHMENT



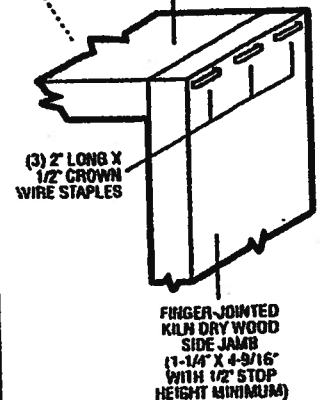
TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (0.06" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL DEADBOLT LATCHING LOCATIONS. ATTACH WITH #8 X 1" PAN HEAD SCREWS - LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.

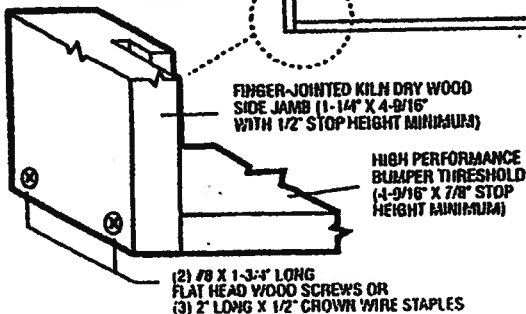
TYPICAL HEADER & SIDE JAMB ATTACHMENT

FINGER-JOINTED KILN DRY WOOD FRAME HEADER (1-1/4" X 4-9/16" WITH 1/2" STOP HEIGHT MINIMUM)



(3) FOR 7'0" HEIGHT OR SMALLER
(4) FOR HEIGHTS GREATER THAN 7'0"

TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



Test Data Review Certificate
#3026447A: #3026447B;
#3026447C and COP/Test Report
Validation Matrix #3026447A-001,
002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITS-VHT website
(www.its-vht.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.

Read complete instructions before beginning.

DOOR INSTALLATION INSTRUCTIONS

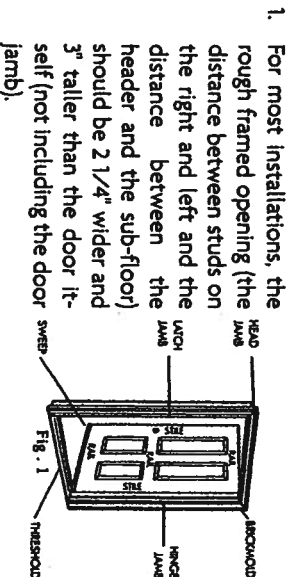
JELD-WEN®

DOORS & WINDOWS



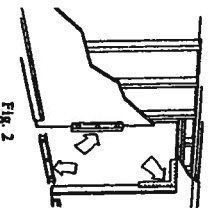
2004030257

PARTS OF A DOOR SYSTEM



2. Steel doors are generally 1" shorter than wood, so the rough framed opening may be somewhat shorter. Also, most door units use a 1 3/8" high threshold which provides adequate clearance for both carpet and pad. If your threshold is higher or lower than 1 3/8", the rough framed opening may need to be adjusted.

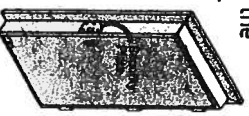
Check the rough framed opening to be sure it is level and square and not twisted (Fig. 2). Minor out of level conditions can be corrected with shims during installation. If the opening is badly twisted (not plumb), you may need to repair this condition before proceeding.



3. If your prehung door is fastened in the closed position with a duplex nail or removable plastic plug, remove these along with the packaging and crating. NOTE: If your door unit has pre-hanging clips (Fig. 3), do not remove them until instructed to do so. These clips hold the door system aligned and closed during installation.



If your door unit includes packaging under the threshold and bottom end of the side jamb, remove it. If your door comes with a security plate, do not remove it. Install the door with the security plate attached.



4. Put a generous bead of caulk along the outside edge of the sub-floor and another generous bead of caulk 1/2" in from the first (Fig. 4). Be sure caulking beads seal the threshold and sub-floor to



from the bottom and 2" below the top of the jamb two 10d finish nails (or two #8 x 3" drywall screws) jamb is to be painted). Do not set the nails. Do shim or fasten the top of the jamb to the header single door unit. If a sidelight is to be used, shim fasten the top of the unit where the sidelight joint door jamb.

After rechecking the hinge jamb to be sure it is still level and square, securely fasten the hinge jamb in place by setting the two nails or screws installed earlier. Add an additional nail or screw centered between the two. Remove any pre-hanging clips (Fig. 8). Be sure door opens freely and that the space between the jamb and the jamb is even on all sides. Be sure weatherstrip meets the door evenly and seals or sides. Adjust if necessary. If adjusting is needed, loosen or remove the latch jamb fasteners and adjust the latch jamb until there is even contact with weatherstrip.



8. Make sure the door sweep contacts the threshold evenly. You can adjust the threshold contact by adjusting the squareness of the door unit or, if an adjustable threshold is used, by turning the adjustment screws on the threshold (Fig. 9).



9. Re-check for smooth door operation and even space between the door and jamb. Secure the latch jamb place with two more 10d finish nails or #8 x 3" dry screws. Place the nails or screws evenly between first two already in place and fasten through the stud and into the studs.

10. Install four #10 x 2 1/4" wood screws through the jamb and into the studs; two into the top hinge in the holes closest to the weatherstrip; and one each into the other hinges in the top hole closest to the weatherstrip (Fig. 10). You will need to remove the screws supplied with the hinge; insert these longer #10 x 2 1/4" screws.



11. If you have a double door unit to install or a door with sidelights, some additional fastening is required. Double doors should be fastened alternately at

Steel Exterior Doors (Single)

Tools needed:

- Level
- hammer
- nail set
- caulking gun
- rubber gloves
- tape measure
- square
- Phillips screwdriver
- safety glasses
- power drill and 1/8" drill bit

Materials needed:

- Lockset
- caulking
- 10d galvanized casing or finish nails or #8 x 3" and #8 x 2 1/4" drywall screws
- paint or stain (and primer or sanding sealer for raw wood doors)
- shims
- sandpaper

EXTERIOR STEEL DOOR INSTALLATION INSTRUCTIONS

JELD-WEN®

DOORS & WINDOWS



Steel Exterior Doors (Single)

Tools needed:

- Level
- hammer
- nail set
- caulking gun
- rubber gloves
- tape measure
- square
- Phillips screwdriver
- safety glasses
- power drill and 1/8" drill bit

Materials needed:

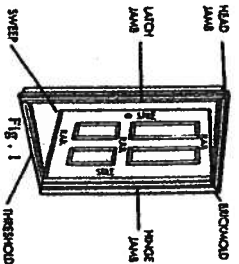
- Lockset
- caulking
- 10d galvanized casing or finish nails or #8 x 3" and #8 x 2 1/4" drywall screws
- paint or stain (and primer or sanding sealer for raw wood doors)
- shims
- sandpaper

EXTERIOR STEEL DOOR INSTALLATION INSTRUCTIONS

Read complete instructions before beginning.

PARTS OF A DOOR SYSTEM

1. For most installations, the rough framed opening (the jamb distance between studs on the right and left and the distance between the header and the sub-floor) should be 2 1/4" wider and 3" taller than the door itself (not including the door jamb).



2. Steel doors are generally 1" shorter than wood, so the rough framed opening may be somewhat shorter. Also, most door units use a 1 3/8" high threshold which provides adequate clearance for both carpet and pad. If your threshold is higher or lower than 1 3/8", the rough framed opening may need to be adjusted.

Check the rough framed opening to be sure it is level and square and not twisted (Fig. 2). Minor out of level conditions can be corrected with shims during installation. If the opening is badly twisted (not plumb), you may need to repair this condition before proceeding.

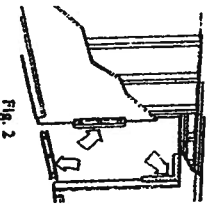


Fig. 2

3. If your prehung door is fastened in the closed position with a duplex nail or removable plastic plug, remove these along with the packaging and crating. NOTE: If your door unit has pre-hanging clips (Fig. 3), do not remove them until instructed to do so. These clips hold the door system aligned and closed during installation.



Fig. 3

If your door unit includes packaging under the threshold and bottom end of the side jamb, remove it. If your door comes with a security plate, do not remove it. Install the door with the security plate attached.



4. Put a generous bead of caulk along the outside edge of the sub-floor and another generous bead of caulk 1/2" in from the first (Fig. 4). Be sure caulking beads seal the threshold and sub-floor to



from the bottom and 2" below the top of the jamb with two 10d finish nails (or two #8 x 3" drywall screws if the jamb is to be painted). Do not set the nails. Do not shim or fasten the top of the jamb to the header on single door unit. If a sidelight is to be used, shim and fasten the top of the unit where the sidelight joins the door jamb.

After rechecking the hinge jamb to be sure it is still level and square, securely fasten the hinge jamb in place by setting the two nails or screws installed earlier. Add an additional nail or screw centered between the first two. Remove any pre-hanging clips (Fig. 8). Be sure the door opens freely and that the space between the door and the jamb is even on all sides. Be sure the weatherstrip meets the door evenly and seals on all sides. Adjust if necessary. If adjusting is necessary, loosen or remove the latch jamb fasteners and adjust the latch jamb until there is even contact with the weatherstrip.



Fig. 8

8. Make sure the door sweep contacts the threshold evenly. You can adjust the threshold contact by adjusting the squareness of the door unit or, if an adjustable threshold is used, by turning the adjustment screws on the threshold (Fig. 9).



Fig. 9

9. Re-check for smooth door operation and even space between the door and jamb. Secure the latch jamb place with two more 10d finish nails or #8 x 3" drywall screws. Place the nails or screws evenly between the first two already in place and fasten through the shims and into the studs.

10. Install four #10 x 2 1/4" wood screws through the hinge jamb and into the studs: two into the top hinge in the holes closest to the weatherstrip; and one each into the other hinges in the top hole closest to the weatherstrip (Fig. 10). You will need to remove the screws supplied with the hinges. Insert these longer #10 x 2 1/4" screws.



Fig. 10

11. If you have a double door unit to install or a door unit with sidelights, some additional fastening is required.

PRIMED INSULATED STEEL DOOR

PAINTING:

1. Remove the door from the jamb. Do not stand the door on the sweep (the flexible door bottom) as damage may result.
2. Brush the door lightly to remove any loose dirt or particles.
3. Clean the door with paint thinner (mineral spirits or turpentine), making sure all residue is removed and the door is dry.
4. Lightly scuff sand the door face and back (to improve paint adhesion) and wipe the door clean.
5. Your CHALLENGE Insulated Steel Door is primed and ready to paint. Note: CHALLENGE steel doors must be painted within 45 days of installation.
6. Paint all sides of the door with a good quality exterior acrylic latex paint or an exterior acrylic enamel. For best results, apply two light coats of paint, allowing the first to dry before lightly sanding and applying the second coat. Be sure to paint the top and sides of the door, as failure to do so will void the warranty.
7. To simulate a wood grain look when using a paintbrush, paint across all the rails from one edge of the door to the other. Then paint the stiles from the top of the door to the bottom.
If your door jamb and molding are primed, clean with a damp cloth and allow to dry. Lightly sand any rough areas and re-clean.
9. Paint the jamb and molding with a good quality exterior acrylic latex paint. For best results, use two light coats.

SESSIONS RESIDENCE
HVAC Load Calculations

for

Curtis Jones
222 SW Cross Pointe Ct
Lake City FL 32024



RHVAC RESIDENTIAL
HVAC LOADS

Prepared By:
Chuck Fischer
North Central Florida Air Conditioning
P.O Box 700
High Springs FL 32655-0700
386-454-4767
Tuesday, November 07, 2006



Project Report

General Project Information

Project Filename: C:\Documents and Settings\HeatMy Documents\Projects\AutoLoad MJ8.rhv
 Project Title: SESSIONS RESIDENCE
 Designed By: Chuck Fischer
 Project Date: November 3, 2006
 Client Name: Curtis Jones
 Client Address: 222 SW Cross Pointe Ct
 Client City: Lake City Fl 32024
 Client Phone: 239-571-0699
 Client Comment:
 Company Name: North Central Florida Air Conditioning
 Company Representative: Chuck Fischer
 Company Address: P.O Box 700
 Company City: High Springs Fl 32655-0700
 Company Phone: 386-454-4767
 Company Fax: 386-454-4854
 Company Comment: Bedroom 2,3 & 4 R/A are 10x10x8 Master bedroom R/A is 12x12x9 Main R/A is 20x20x18

Design Data

Reference City: Gainesville, Florida
 Daily Temperature Range: Medium
 Latitude: 29 Degrees
 Elevation: 152 ft.
 Altitude Factor: 0.995
 Elevation Sensible Adj. Factor: 1.000
 Elevation Total Adj. Factor: 1.000
 Elevation Heating Adj. Factor: 1.000
 Elevation Heating Adj. Factor: 1.000

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	31	0	0	68	0
Summer:	93	77	50	75	50

Check Figures

Total Building Supply CFM:	2,096	CFM Per Square ft.:	1.103
Square ft. of Room Area:	3,668	Square ft. Per Ton:	739
Volume (ft³) of Cond. Space:	36,978	Air Turnover Rate (per hour):	6.8

Building Loads

Total Heating Required With Outside Air:	69,939 Btuh	69.939 MBH
Total Sensible Gain:	45,852 Btuh	82 %
Total Latent Gain:	10,185 Btuh	18 %
Total Cooling Required With Outside Air:	56,037 Btuh	4.67 Tons (Based On Sensible + Latent)
		4.96 Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
 All computed results are estimates as building use and weather may vary.
 Be sure to select a unit that meets both sensible and latent loads.

Miscellaneous Report

System 1 Main Floor	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel Hum	Indoor Dry Bulb	Grains Difference
Input Data:					
Winter:	31	0	50	68	30.84
Summer:	93	77	50	75	50.06

System 2 Main Floor	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel Hum	Indoor Dry Bulb	Grains Difference
Input Data:					
Winter:	31	0	50	68	30.84
Summer:	93	77	50	75	50.06

Duct Sizing Inputs	Main Trunk	Runouts
Calculate:	Yes	Yes
Use Schedule:	No	No
Roughness Factor:	0.00300	0.01000
Pressure Drop:	0.1000 in.wg./100 ft.	0.1000 in.wg./100 ft.
Minimum Velocity:	650 ft./min	450 ft./min
Maximum Velocity:	900 ft./min	750 ft./min
Minimum Height:	0 in.	0 in.
Maximum Height:	0 in.	0 in.

Outside Air Data	Winter	Summer
Infiltration:	0.900 AC/hr	0.400 AC/hr
Volume of Conditioned Space:	X 36978 Cu.ft.	X 36978 Cu.ft.
	33,280 Cu.ft./hr	14,791 Cu.ft./hr
	X 0.0167	X 0.0167
Total Building Infiltration:	555 CFM	247 CFM
Total Building Ventilation:	0 CFM	0 CFM

—System 1—

Infiltration & Ventilation Sensible Gain Multiplier:	19.69	= (1.10 X 0.995 X 18.00 Summer Temp. Difference)
Infiltration & Ventilation Latent Gain Multiplier:	33.85	= (0.68 X 0.995 X 50.06 Grains Difference)
Infiltration & Ventilation Sensible Loss Multiplier:	40.48	= (1.10 X 0.995 X 37.00 Winter Temp. Difference)

—System 2—

Infiltration & Ventilation Sensible Gain Multiplier:	19.69	= (1.10 X 0.995 X 18.00 Summer Temp. Difference)
Infiltration & Ventilation Latent Gain Multiplier:	33.85	= (0.68 X 0.995 X 50.06 Grains Difference)
Infiltration & Ventilation Sensible Loss Multiplier:	40.48	= (1.10 X 0.995 X 37.00 Winter Temp. Difference)



Load Preview Report

Scope	Area	Sens Gain	Lat Gain	Net Gain	Sens Loss	Win CFM	Sum CFM	Sys CFM	Duct Size
Building: 4.67 Net Tons, 4.96 Recommended Tons, 739 ft²/Ton, 69.94 MBH Heating									
Building	3,668	45,852	10,185	56,037	69,939	913	2,096	2,096	
System 1: 3.39 Net Tons, 3.61 Recommended Tons, 699 ft²/Ton, 48.52 MBH Heating									
System 1	2,521	33,341	7,395	40,736	48,520	634	1,524	1,524	17x16
Zone 1	2,521	33,341	7,395	40,736	48,520	634	1,524	1,524	
1-Guest Room	213	2,998	1,115	4,113	4,796	63	137	137	1-7
2-Guest W.I.C	36	745	280	1,025	1,970	26	34	34	1-3
3-Bath 2	56	779	139	918	1,019	13	36	36	1-3
4-Utility Room	102	1,448	426	1,874	3,174	41	66	66	1-5
5-Garage Entry	112	728	278	1,006	2,156	28	33	33	1-3
6-Pantry/safe Room	122	1,302	623	1,925	3,930	51	60	60	1-4
7-Dining Room	195	2,333	431	2,764	3,668	48	107	107	1-6
8-Kitchen	225	3,154	230	3,384	372	5	144	144	1-7
9-B Fast	143	2,606	356	2,962	3,544	46	119	119	1-6
10-Great Room	441	4,459	530	4,989	6,094	80	204	204	2-6
11-Foyer	111	1,950	227	2,177	2,080	27	89	89	1-6
12-Study	169	3,764	558	4,322	3,018	39	172	172	1-8
13-Master Bedroom	289	3,851	1,318	5,169	6,680	87	176	176	2-5
14-His W.I.c	60	581	177	758	1,146	15	27	27	1-3
15-Her W.I.c	60	407	0	407	138	2	19	19	1-3
16-Master Bath	187	2,233	707	2,940	4,735	62	102	102	1-6
System 2: 1.28 Net Tons, 1.35 Recommended Tons, 847 ft²/Ton, 21.42 MBH Heating									
System 2	1,147	12,511	2,790	15,301	21,419	280	572	572	11x11
Zone 1	1,147	12,511	2,790	15,301	21,419	280	572	572	
17-Bedroom 2	204	3,034	676	3,710	4,562	60	139	139	1-7
18-Bedroom 3	204	3,034	676	3,710	4,562	60	139	139	1-7
19-Bedroom 2 W.I.c	78	845	354	1,199	2,860	37	39	39	1-4
20-Bedroom 2 W.I.c	78	881	386	1,267	3,101	40	40	40	1-4
21-Bath 2	60	1,081	0	1,081	138	2	49	49	1-4
22-Bath 3	59	1,079	0	1,079	137	2	49	49	1-4
23-Loft	464	2,555	698	3,253	6,059	79	117	117	1-6

Total Building Summary Loads

Component Description	Area Quan	Sens Loss	Lat Gain	Sens Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	117	2,815	0	2,431	2,431
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	105	2,527	0	1,944	1,944
2B-m-o: Glazing-Double pane low-e (e = 0.60), fixed sash, metal frame no break, ground reflectance = 0.32	54.4	1,208	0	1,280	1,280
10B-b: Glazing-French door, double pane clear glass, metal frame with break, ground reflectance = 0.32	40.8	1,132	0	952	952
1E-cm: Glazing-Double pane window, fixed sash, clear, metal frame no break, ground reflectance = 0.23	8	205	0	214	214
1E-cm: Glazing-Double pane window, fixed sash, clear, metal frame no break, ground reflectance = 0.32	5	128	0	134	134
11P: Door-Polyurethane Core	61.2	657	0	516	516
Anxx Buil Prod: Wall-Block, , ASTM R-Value R-22 TO R-26 foam matrix Filled site poured concrete, stucco or siding finish ,interior finish.	2771.4	4,511	0	1,829	1,829
12C-3sw: Wall-Frame, R-13 insulation in 2 x 4 stud cavity, R-3 board insulation, siding finish, wood studs	178.6	496	0	273	273
CustomWall2: Wall-Block, , My second example custom wall	153	391	0	158	158
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	3667.8	4,340	0	5,046	5,046
22A-pm: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy dry or light wet soil	399	17,422	0	0	0
Subtotals for structure:		35,832	0	14,777	14,777
People:	8		1,840	2,400	4,240
Equipment:			0	2,214	2,214
Lighting:	4095			13,964	13,964
Ductwork:		11,656	0	7,642	7,642
Infiltration: Winter CFM: 555, Summer CFM: 247		22,451	8,345	4,855	13,200
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
Total Building Load Totals:		69,939	10,185	45,852	56,037

Check Figures

Total Building Supply CFM:	2,096	CFM Per Square ft.:	1.103
Square ft. of Room Area:	3,668	Square ft. Per Ton:	739
Volume (ft³) of Cond. Space:	36,978	Air Turnover Rate (per hour):	6.8

Building Loads

Total Heating Required With Outside Air:	69,939 Btuh	69.939 MBH
Total Sensible Gain:	45,852 Btuh	82 %
Total Latent Gain:	10,185 Btuh	18 %
Total Cooling Required With Outside Air:	56,037 Btuh	4.67 Tons (Based On Sensible + Latent)
		4.96 Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.



Total Building Summary Loads (cont'd)

Notes

All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Main Floor Summary Loads (Average Method)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	57	1,371	0	995	995
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	105	2,527	0	1,944	1,944
2B-m-o: Glazing-Double pane low-e (e = 0.60), fixed sash, metal frame no break, ground reflectance = 0.32	54.4	1,208	0	1,280	1,280
10B-b: Glazing-French door, double pane clear glass, metal frame with break, ground reflectance = 0.32	40.8	1,132	0	952	952
1E-cm: Glazing-Double pane window, fixed sash, clear, metal frame no break, ground reflectance = 0.23	8	205	0	214	214
1E-cm: Glazing-Double pane window, fixed sash, clear, metal frame no break, ground reflectance = 0.32	5	128	0	134	134
11P: Door-Polyurethane Core	61.2	657	0	516	516
Anx Bull Prod: Wall-Block, , ASTM R-Value R-22 TO R-26 foam matrix Filled site poured concrete, stucco or siding finish ,interior finish.	1482.3	2,414	0	978	978
12C-3sw: Wall-Frame, R-13 insulation in 2 x 4 stud cavity, R-3 board insulation, siding finish, wood studs	178.6	496	0	273	273
CustomWall2: Wall-Block, , My second example custom wall	153	391	0	158	158
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	2520.4	2,982	0	3,468	3,468
22A-pm: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy dry or light wet soil	246	10,741	0	0	0
Subtotals for structure:		24,252	0	10,912	10,912
People:	6		1,380	1,800	3,180
Equipment:			0	2,214	2,214
Lighting:	2745			9,360	9,360
Ductwork:		8,086	0	5,556	5,556
Infiltration: Winter CFM: 400, Summer CFM: 178		16,182	6,015	3,499	9,514
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
System 1 Main Floor Load Totals:		48,520	7,395	33,341	40,736

Check Figures

Supply CFM:	1,524	CFM Per Square ft.:	0.604
Square ft. of Room Area:	2,521	Square ft. Per Ton:	699
Volume (ft³) of Cond. Space:	26,652	Air Turnover Rate (per hour):	3.4

System Loads

Total Heating Required With Outside Air:	48,520 Btuh	48,520 MBH
Total Sensible Gain:	33,341 Btuh	82 %
Total Latent Gain:	7,395 Btuh	18 %
Total Cooling Required With Outside Air:	40,736 Btuh	3.39 Tons (Based On Sensible + Latent)
		3.61 Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.



System 1 Main Floor Summary Loads (Average Method) (cont'd)

Notes

All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.



System 2 Main Floor Summary Loads (Average Method)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	60	1,444	0	1,436	1,436
Anx Buil Prod: Wall-Block, , ASTM R-Value R-22 TO R-26 foam matrix Filled site poured concrete, stucco or siding finish, interior finish.	1289.1	2,097	0	851	851
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	1147.4	1,358	0	1,578	1,578
22A-pm: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy dry or light wet soil	153	6,681	0	0	0
Subtotals for structure:		11,580	0	3,865	3,865
People:	2		480	600	1,080
Equipment:			0	0	0
Lighting:	1350			4,604	4,604
Ductwork:		3,570	0	2,086	2,086
Infiltration: Winter CFM: 155, Summer CFM: 69		6,269	2,330	1,356	3,686
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
System 2 Main Floor Load Totals:		21,419	2,790	12,511	15,301

Check Figures

Supply CFM:	572	CFM Per Square ft.:	0.499
Square ft. of Room Area:	1,147	Square ft. Per Ton:	847
Volume (ft³) of Cond. Space:	10,326	Air Turnover Rate (per hour):	3.3

System Loads

Total Heating Required With Outside Air:	21,419 Btuh	21,419 MBH
Total Sensible Gain:	12,511 Btuh	82 %
Total Latent Gain:	2,790 Btuh	18 %
Total Cooling Required With Outside Air:	15,301 Btuh	1.28 Tons (Based On Sensible + Latent)
		1.35 Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1, Zone 1 Summary Loads (Average Method)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	57	1,371	0	995	995
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	105	2,527	0	1,944	1,944
2B-m-o: Glazing-Double pane low-e (e = 0.60), fixed sash, metal frame no break, ground reflectance = 0.32	54.4	1,208	0	1,280	1,280
10B-b: Glazing-French door, double pane clear glass, metal frame with break, ground reflectance = 0.32	40.8	1,132	0	952	952
1E-cm: Glazing-Double pane window, fixed sash, clear, metal frame no break, ground reflectance = 0.23	8	205	0	214	214
1E-cm: Glazing-Double pane window, fixed sash, clear, metal frame no break, ground reflectance = 0.32	5	128	0	134	134
11P: Door-Polyurethane Core	61.2	657	0	516	516
Anxx Buil Prod: Wall-Block, , ASTM R-Value R-22 TO R-26 foam matrix Filled site poured concrete, stucco or siding finish ,interior finish.	1482.3	2,414	0	978	978
12C-3sw: Wall-Frame, R-13 insulation in 2 x 4 stud cavity, R-3 board insulation, siding finish, wood studs	178.6	496	0	273	273
CustomWall2: Wall-Block, , My second example custom wall	153	391	0	158	158
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	2520.4	2,982	0	3,468	3,468
22A-pm: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy dry or light wet soil	246	10,741	0	0	0
Subtotals for structure:		24,252	0	10,912	10,912
People:	6		1,380	1,800	3,180
Equipment:			0	2,214	2,214
Lighting:	2745			9,360	9,360
Ductwork:		8,086	0	5,556	5,556
Infiltration: Winter CFM: 400, Summer CFM: 178		16,182	6,015	3,499	9,514
System 1, Zone 1 Load Totals:		48,520	7,395	33,341	40,736

Check Figures

Supply CFM:	1,524	CFM Per Square ft.:	0.604
Square ft. of Room Area:	2,521	Square ft. Per Ton:	699
Volume (ft³) of Cond. Space:	26,652	Air Turnover Rate (per hour):	3.4

Zone Loads

Total Heating Required:	48,520 Btuh	48.520 MBH
Total Sensible Gain:	33,341 Btuh	82 %
Total Latent Gain:	7,395 Btuh	18 %
Total Cooling Required:	40,736 Btuh	3.39 Tons (Based On Sensible + Latent)
		3.61 Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.



System 1, Zone 1 Summary Loads (Average Method) (cont'd)

Notes

Be sure to select a unit that meets both sensible and latent loads.

System 2, Zone 1 Summary Loads (Average Method)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	60	1,444	0	1,436	1,436
Anx Bul Prod: Wall-Block, , ASTM R-Value R-22 TO R-26 foam matrix Filled site poured concrete, stucco or siding finish, interior finish.	1289.1	2,097	0	851	851
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 Insulation	1147.4	1,358	0	1,578	1,578
22A-pm: Floor-Slab on grade, No edge Insulation, no insulation below floor, any floor cover, passive, heavy dry or light wet soil	153	6,681	0	0	0
Subtotals for structure:		11,580	0	3,865	3,865
People:	2		480	600	1,080
Equipment:			0	0	0
Lighting:	1350			4,604	4,604
Ductwork:		3,570	0	2,086	2,086
Infiltration: Winter CFM: 155, Summer CFM: 69		6,269	2,330	1,356	3,686
System 2, Zone 1 Load Totals:		21,419	2,790	12,511	15,301

Check Figures

Supply CFM:	572	CFM Per Square ft.:	0.499
Square ft. of Room Area:	1,147	Square ft. Per Ton:	847
Volume (ft³) of Cond. Space:	10,326	Air Turnover Rate (per hour):	3.3

Zone Loads

Total Heating Required:	21,419 Btuh	21.419 MBH
Total Sensible Gain:	12,511 Btuh	82 %
Total Latent Gain:	2,790 Btuh	18 %
Total Cooling Required:	15,301 Btuh	1.28 Tons (Based On Sensible + Latent)
		1.35 Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Room Load Summary

Room No Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Air Sys CFM
—Zone 1—									
1 Guest Room	213	4,796	63	1-7	513	2,998	1,115	137	137
2 Guest W.I.C	36	1,970	26	1-3	693	745	280	34	34
3 Bath 2	56	1,019	13	1-3	726	779	139	36	36
4 Utility Room	102	3,174	41	1-5	485	1,448	426	66	66
5 Garage Entry	112	2,156	28	1-3	678	728	278	33	33
6 Pantry/safe Room	122	3,930	51	1-4	682	1,302	623	60	60
7 Dining Room	195	3,668	48	1-6	543	2,333	431	107	107
8 Kitchen	225	372	5	1-7	539	3,154	230	144	144
9 B Fast	143	3,544	46	1-6	607	2,606	356	119	119
10 Great Room	441	6,094	80	2-6	519	4,459	530	204	204
11 Foyer	111	2,080	27	1-6	454	1,950	227	89	89
12 Study	169	3,018	39	1-8	493	3,764	558	172	172
13 Master Bedroom	289	6,680	87	2-5	645	3,851	1,318	176	176
14 His W.i.c	60	1,146	15	1-3	541	581	177	27	27
15 Her W.i.c	60	138	2	1-3	379	407	0	19	19
16 Master Bath	187	4,735	62	1-6	520	2,233	707	102	102
System 1 total	2,521	48,520	634			33,341	7,395	1,524	1,524

System 1 Main Trunk Size: 17x16 in.
Velocity: 862 ft./min
Loss per 100 ft.: 0.078 in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	3.39	82% / 18%	33,341	7,395	40,736
Recommended:	3.61	77% / 23%	33,341	9,959	43,301
Actual:	3.75	76% / 24%	34,000	11,000	45,000

Equipment Data

	Heating System	Cooling System
Type:	Air Cooled Condensor	Air Cooled Condensor
Model:	GSH130481A+ARUF48601A+HKR-10	GSH130481A+ARUF48601A
Brand:	Goodman	Goodman
Efficiency:	8.0	Seer 13
Sound:		
Capacity:	43.000	45.000
Sensible Capacity:	n/a	34,000 Btuh
Latent Capacity:	n/a	11,000 Btuh

System 2 Room Load Summary

Room No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Air Sys CFM
—Zone 1—										
17	Bedroom 2	204	4,562	60	1-7	519	3,034	676	139	139
18	Bedroom 3	204	4,562	60	1-7	519	3,034	676	139	139
19	Bedroom 2 W.I.c	78	2,880	37	1-4	442	845	354	39	39
20	Bedroom 2 W.I.c	78	3,101	40	1-4	461	881	386	40	40
21	Bath 2	60	138	2	1-4	566	1,081	0	49	49
22	Bath 3	59	137	2	1-4	565	1,079	0	49	49
23	Loft	464	6,059	79	1-6	595	2,555	698	117	117
System 2 total		1,147	21,419	280			12,511	2,790	572	572

System 2 Main Trunk Size: 11x11 in.
Velocity: 728 ft./min
Loss per 100 ft.: 0.094 in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	1.28	82% / 18%	12,511	2,790	15,301
Recommended:	1.35	77% / 23%	12,511	3,737	16,247
Actual:	1.50	73% / 27%	13,200	4,800	18,000

Equipment Data

	Heating System	Cooling System
Type:	Air Cooled Condensor	Air Cooled Condensor
Model:	GSH130181A+ARUF18241A+HKR-05	GSH130181A+ARUF18241A
Brand:	Goodman	Goodman
Efficiency:	7.7	Seer 13
Sound:		
Capacity:	16.800	18.000
Sensible Capacity:	n/a	13,200 Btuh
Latent Capacity:	n/a	4,800 Btuh

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Baya Ave

City LC **Phone** 752 1703

Site Location **Subdivision** _____

Lot# _____ **Block#** _____ **Permit#** 25606

Address 197 SW Legion Dr

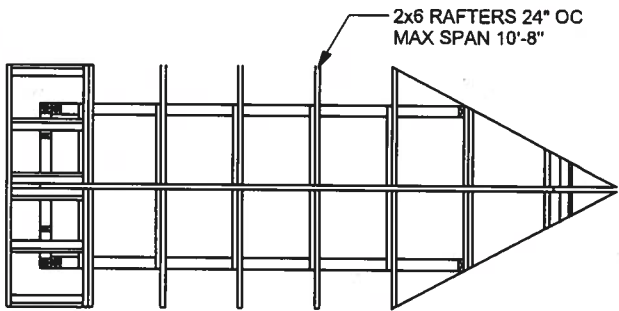
AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's
				Name
Main Body	<u>3-22-07</u>	<u>100</u>	<u>200</u>	<u>RDC Crawford</u>
Patio/s #	_____	_____	_____	_____
Stoop/s #	_____	_____	_____	_____
Porch/s # <u>2</u>	<u>3-22-07</u>	<u>100</u>	<u>50</u>	<u>RDC Crawford</u>
Brick Veneer	_____	_____	_____	_____
Extension Walls	_____	_____	_____	_____
A/C Pad	_____	_____	_____	_____
Walk/s #	_____	_____	_____	_____
Exterior of Foundation	_____	_____	_____	_____
Driveway Apron	_____	_____	_____	_____
Out Building	_____	_____	_____	_____
Tub Trap/s	_____	_____	_____	_____
(Other)	_____	_____	_____	_____

Name of Product Applied Pro-mise _____ %

Remarks Exterior incomplete
Block Holes Filled

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



FRAMING PLAN

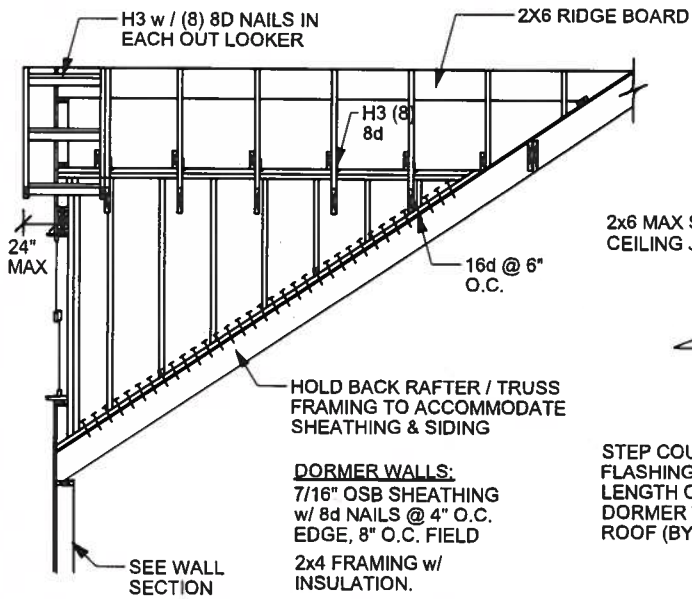
DORMER ROOF:
ROOFING (BY OWNER)

15lb. FELT OVER 7/16" OSB

TRUSSES / RAFTERS (SEE
ROOF FRAMING PLAN FOR
SIZE & SPACING) TO RIDGE
BOARD (FULL DEPTH OF
RAFTER CUT).

CEILING JOISTS

CEILING FINISH (BY OWNER)



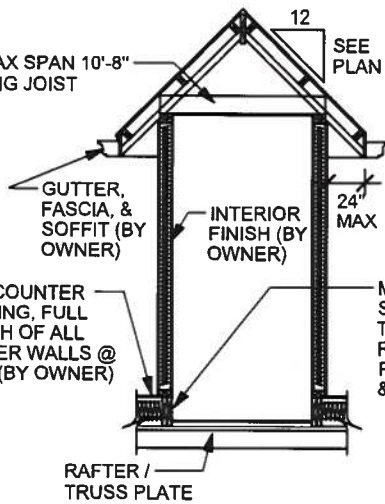
SIDE VIEW

DORMER WALLS:
7/16" OSB SHEATHING
w/ 8d NAILS @ 4" O.C.
EDGE, 8" O.C. FIELD

2x4 FRAMING w/
INSULATION.

INTERIOR FINISH (BY
OWNER) TO BOTTOM
OF SUPPORT
TRUSSES / RAFTERS.

2x6 MAX SPAN 10'-8"
CEILING JOIST



FRONT VIEW

DORMER ANCHORING DETAIL (ON ROOF)

SCALE: N.T.S.

WINDLOAD ENGINEER: Mark Disosway.
PE No.53915, POB 868, Lake City, FL
32056, 386-754-5419

DIMENSIONS:
Stated dimensions supercede scaled
dimensions. Refer all questions to
Mark Disosway, P.E. for resolution.
Do not proceed without clarification.

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Mark Disosway, P.E. hereby expressly reserves
its common law copyrights and property right in
these instruments of service. This document is
not to be reproduced, altered or copied in any
form or manner without first the express written
permission and consent of Mark Disosway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to wind engineering
comply with section R301.2.1, florida building
code residential 2004, to the best of my
knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOSWAY
P.E. 53915

Mark Disosway
22 FEB 07

SEAL

BARRY SESSIONS

ADDRESS:
Columbia County, Florida
(Legion Road)

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
February 22, 2007

DRAWN BY:
Ben Sparks

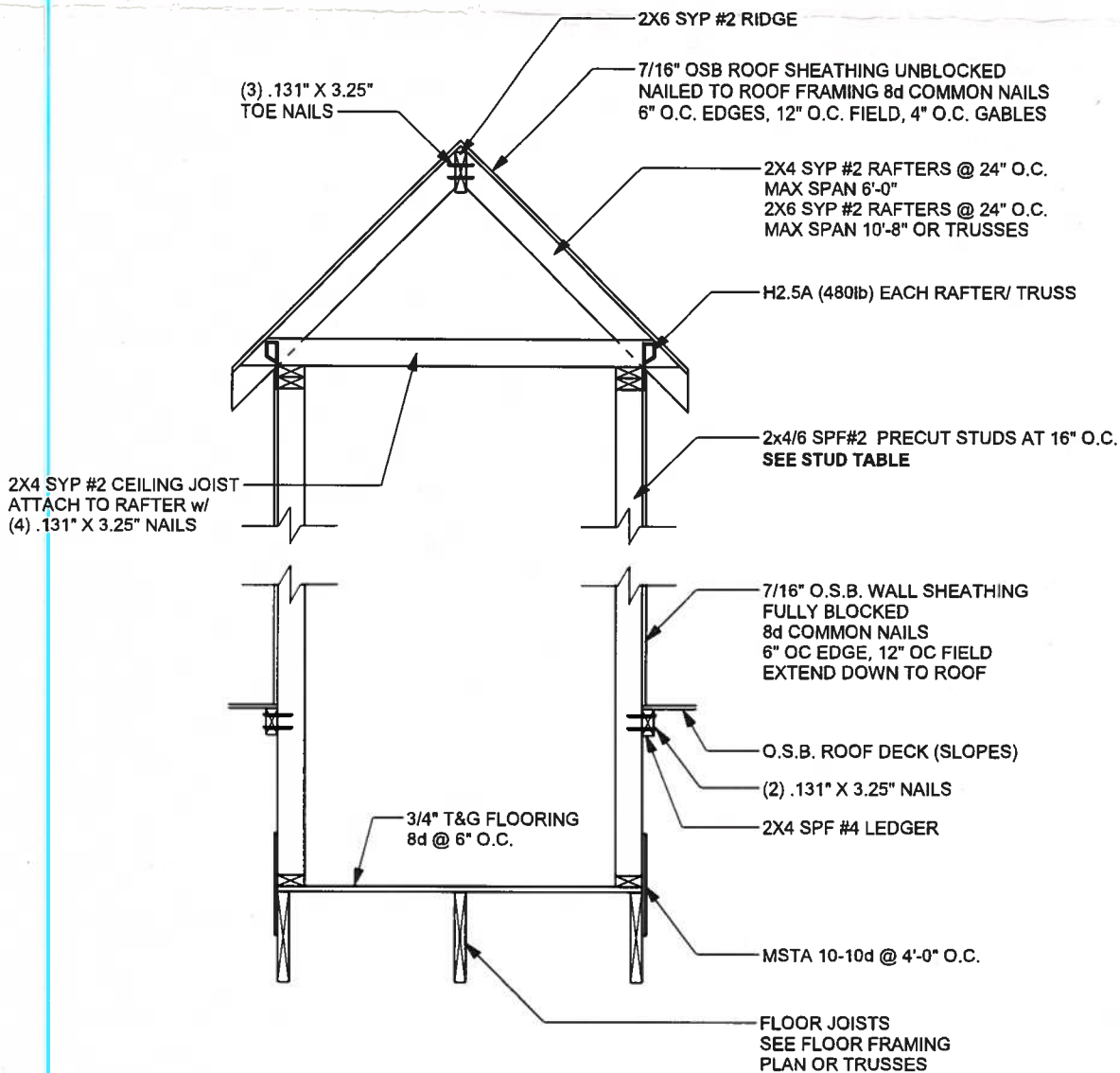
STRUCTURAL BY:
Ben Sparks

FINALS DATE:
5 / Oct / 06

JOB NUMBER:
609241

DRAWING NUMBER

OF 3 SHEETS



DORMER ANCHORING DETAIL (ON FLOOR)

SCALE: N.T.S.