

DATE 12/27/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000023990

APPLICANT VEP HUDSON 270 SW BRODERICK DR LAKE CITY FL 32025

OWNER VEP HUDSON 270 SW BRODERICK DR LAKE CITY FL 32025

ADDRESS 270 SW BRODERICK DR LAKE CITY FL 32025

CONTRACTOR 270 SW BRODERICK DR LAKE CITY FL 32025

OWNER 270 SW BRODERICK DR LAKE CITY FL 32025

ADDRESS 270 SW BRODERICK DR LAKE CITY FL 32025

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ADDRESS 270 SW BRODERICK DR LAKE CITY FL 32025

Columbia County Building Permit Application

For Office Use Only	Application #	0509-54	9/16/05	Permit #	23990	
Application Approved by - Zoning Official	Date	13/10/05	Plans Examiner	OK JTH	Date	9-28-05
Flood Zone	Development Permit	N/A	Zoning	RSF-1	Land Use Plan Map Category	RES U.L. Dev
Comments						

Applicants Name	Vec L. Hudson	Address	870 S.W. Broderick Dr	Phone	239-464-3283	FAX	863-675-6194
Owners Name	Vec L. Hudson	911 Address	870 S.W. Broderick Dr	Phone	239-464-3283		
Contractors Name	Owner - Builder	Address	870 S.W. Broderick Dr	Phone	239-464-3283		
Fee Simple Owner Name & Address							
Bonding Co. Name & Address							
Architect/Engineer Name & Address	C.A.M. Drafting; Han Mouthaan Labelle, Florida						
Mortgage Lenders Name & Address	None						

Property ID Number	18-45-08467-015	Estimated Cost of Construction	100,000
Subdivision Name	Century Estates	Lot	14
Block	14	Unit	
Phase		Driving Directions	South on Hwy 47 - Turn right on Broderick street, Dr, 6th lot on left
Type of Construction	5FD	Number of Existing Dwellings on Property	0
Total Acreage	1	Lot Size	
Actual Distance of Structure from Property Lines - Front	68'	Side	41'
Side	30'	Rear	30'
Roof Pitch	7-12	Heated Floor Area	2198
Total Building Height	22'6"	Number of Stories	1

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

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 Agent (Including Contractor) Vec L. Hudson

Contractor Signature _____

Contractors License Number _____

Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 22 day of July, 2005

Personally known ☒ or Produced Identification ☒

Notary Signature La. Hodson

NOTARY STAMP/SEAL
LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded thru Notary Public Underwriters

Columbia County
Land 001
AG 000
Bldg 000
Xfea 000
TOTAL 10200
B*

@ CAM112M01 S CamauSA Appraisal System
9/16/2005 13:07 Legal Description Maintenance
Year T Property Sel
2005 R 18-4S-17-08467-015
HUDSON VEP L & ZELLA M

1	LOT 14 CENTURY ESTATES.	ORB 472-700, 626-719,	2
3	747-1099		4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28
F1=Task F3=Exit F4=Prompt F10=Goto PgUp/PgDn F24=More			
Mnt 1/29/1997 TERR			

DISCLOSURE STATEMENT

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

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improve for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

☒ Single Family Dwelling
☐ Farm Outbuilding

☐ Two-Family Residence
☐ Other

NEW CONSTRUCTION OR IMPROVEMENT

☒ New Construction ☐ Addition, Alteration, Modification or other Improvement

I, Rep L. Hudson, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss. 489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number 23980

Signature

Rep L. Hudson

Date

9-16-05

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).
Date 7-22-05 Building Official/Representative Paul L.

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE ISSUED: July 14, 2005

ENHANCED 9-1-1 ADDRESS:

270 SW BRODERICK DR (LAKE CITY, FL 32025)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS:

PROPERTY APPRAISER MAP SHEET NUMBER: 98B

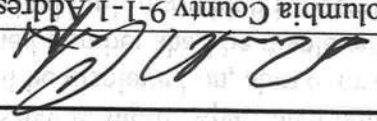
PROPERTY APPRAISER PARCEL NUMBER: 18-4S-17-08467-015

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks: LOT 14, CENTURY ESTATES S/D

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

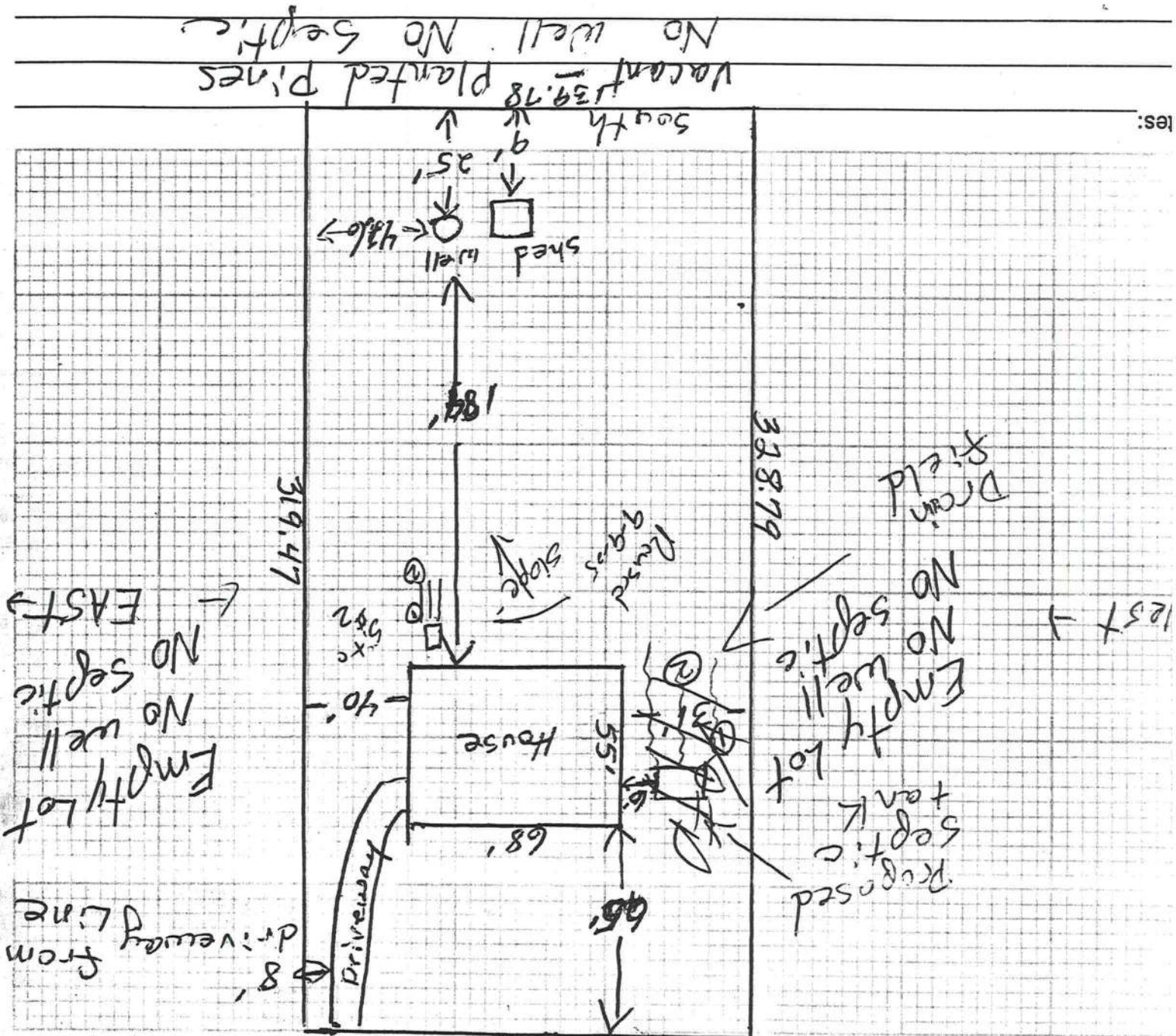
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

NB440-50

PART II - SITE PLAN

ale: Each block represents 5 feet and 1 inch = 50 feet: 139.62 North



3 Plan submitted by:

Signature _____

Not Approved

Date 7-22-05

Title

OWNER

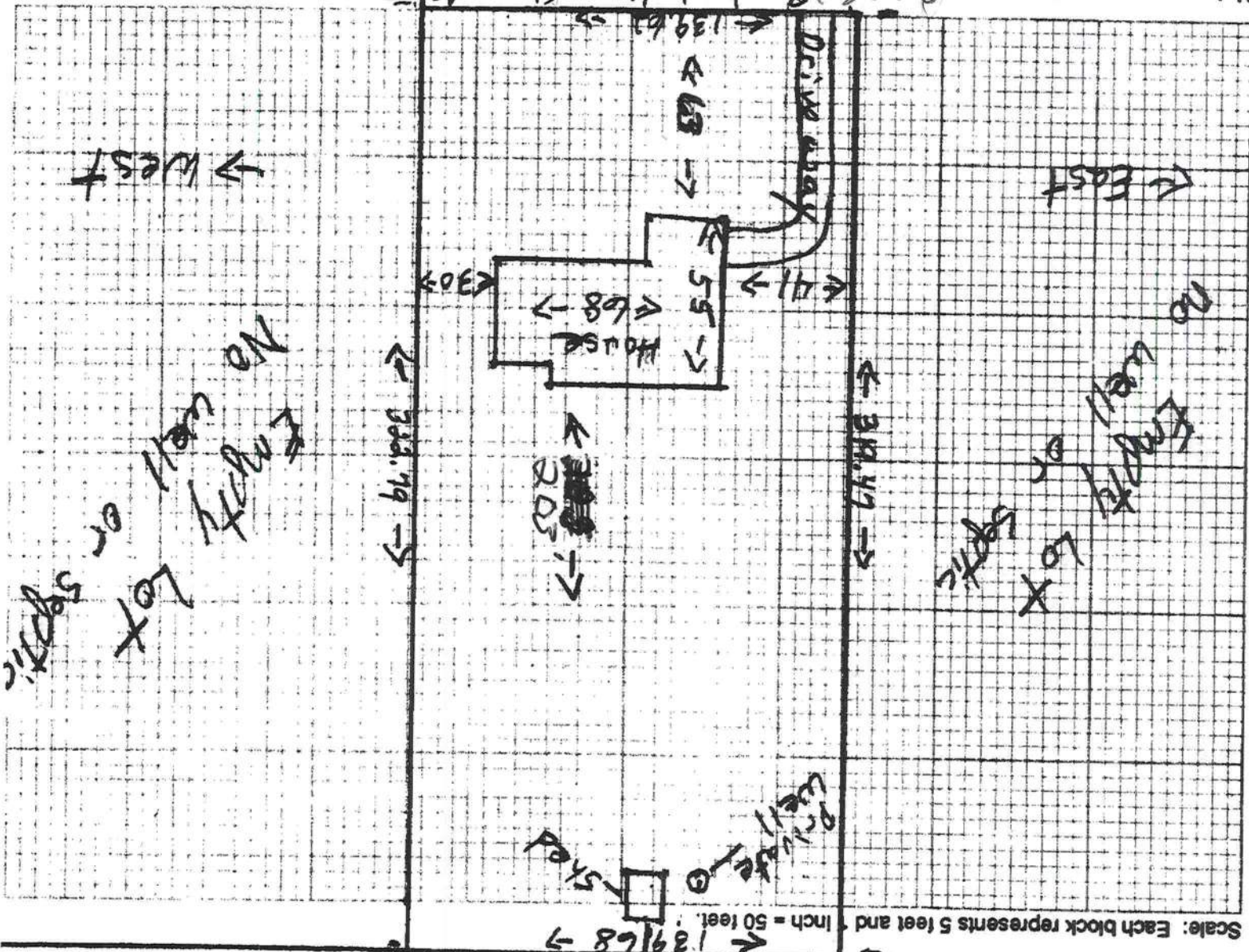
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



planted pines
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT
to line shed id
PART II - SITE PLAN

Permit Application Number

South



Notes:

Location: Century Estates (North)

Section 18, Township 04 South, Range 17 East
Columbia County, Florida
Parcel #184508467015

Site Plan submitted by: Rep. L. Hudson

Signature

Not Approved

Date

Title

Owner

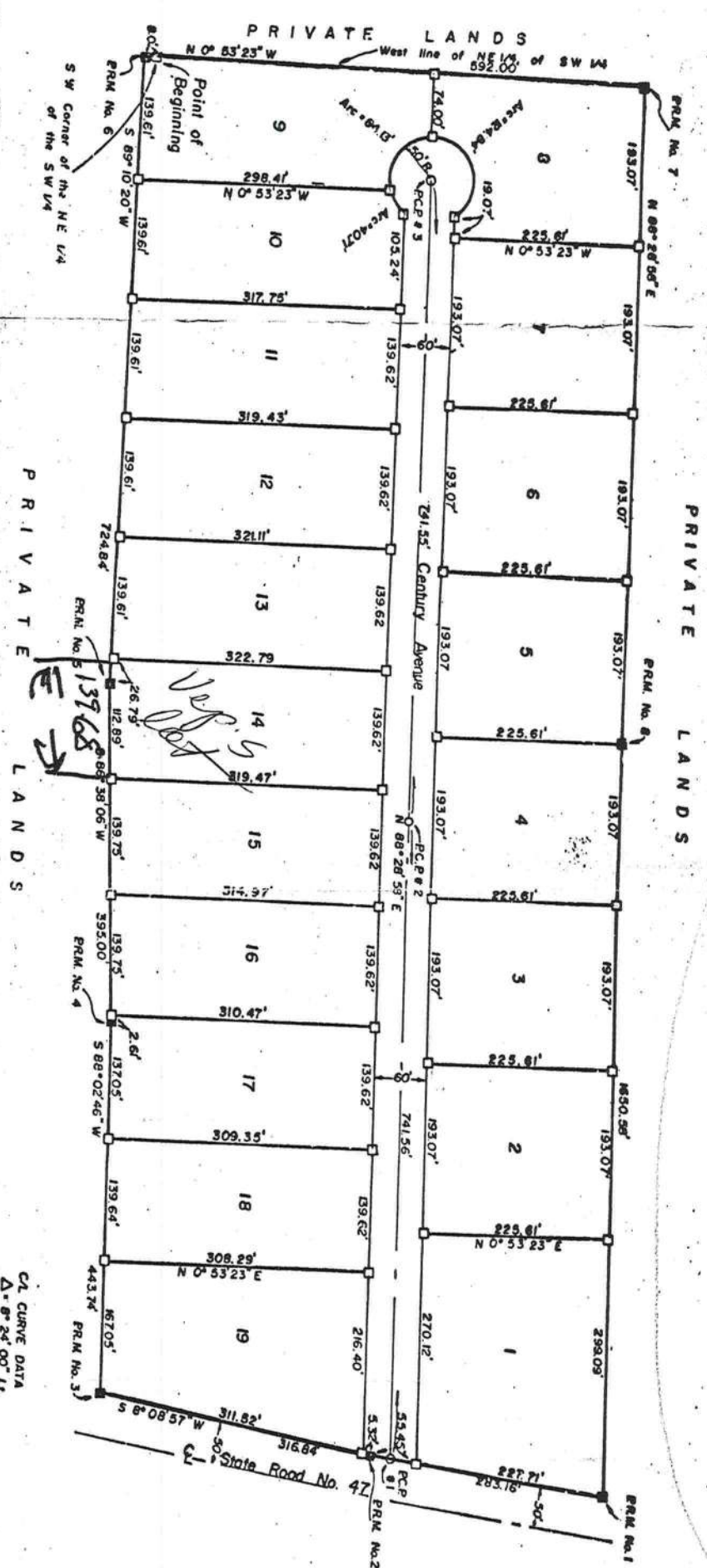
County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

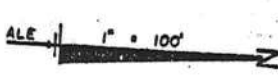
Property # 18-4-17-08467-015

CENTURY ESTATES Lot # 14
in
SECTION 18, TOWNSHIP 4 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA

FILE NO. 786815
RECORDED
BOOK 1 PAGE 90
GSA REC-3 APR 11: 19
Ray A. Guise
CLERK, CLERK OF COURT



CL. CURVE DATA
Δ = 8° 24' 00" L
R = 5729.65'



DEDICATION:

KNOW ALL MEN BY THESE PRESENTS THAT TERRY McDAVID, AND YVONNE J. McDAVID, HIS WIFE, AS OWNERS, AND AUDREY LITTLE, AS MORTGAGEE, HAVE CAUSED THE LANDS HEREIN DESCRIBED, TO BE SURVEYED, SUBDIVIDED, AND DEDICATED TO THE PERPETUAL USE OF THE PUBLIC FOR PROPER USES AND PURPOSES THEREIN STATED, AND HAVE CAUSED THESE PRESENTS TO BE EXECUTED, AND WITH THEIR SEALS AFFIXED HERETO.

Winnie S. Ball WITNESS

TERRY McDAVID OWNER
YVONNE J. McDAVID OWNER

DESCRIPTION:
COMMENCE AT THE SOUTHWEST CORN SECTION 18, TOWNSHIP 4 SOUTH, RANGE 17 EAST, ALONG THE WEST LINE OF THE NE 1/4 OF ROAD NUMBER 4, 1650.38 FEET TO THE WEST TO THE RIGHT HAVING A RADIUS OF 5729.6 ANGLE OF 8° 24' 00". THENCE RUN SOUTHWEST 57° W. STILL ALONG SAID WESTERLY RIGHT S 88° 02' 46" W. ALONG SAID WESTERLY RIGHT S 86° 38' 06" W. ALONG SAID EXISTING FENCE STILL ALONG SAID FENCE LINE 724.64' OF THE WEST LINE OF THE SE 1/4 OF ALONG SAID WEST LINE OF THE SE 1/4 OF POINT OF BEGINNING.

- LEGEND:
1. 4" x 4" CONCRETE MONUMENT (PERMANENT) WITH ALUMINUM CAP IN TOP WITH PERMANENT REGISTRATION NUMBER.
 2. 0.4" x 4" CONCRETE MONUMENT.
 3. 0.4" PERMANENT CONTROL POINTS (P.C.P.) WITH REFERENCE NUMBER.
 4. BEARINGS PROJECTED FROM STATE PL.

COUNTY ATTORNEY'S CERTIFICATE
I HEREBY CERTIFY THAT I HAVE EXAMINED THE PLAT AND IT COMPLETES IN FORM WITH THE FLORIDA STATUTES.
DATED April 1, 1928

APPROVED BY THE BOARD OF COLUMBIA COUNTY, FLORIDA:
ATTEST Ray A. Guise CLERK
DATED 4-1-28

CERTIFICATE OF CLERK:
I HEREBY CERTIFY THAT THE FOREGOING PLAT WAS ACCEPTED BY ME AND FILED IN THE OFFICE OF THE CLERK OF COURT.

Compliance with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B for single and multifamily residences of 3 stories or less in height, and additions to existing residential buildings. To comply, a building must meet or exceed all of the energy efficiency prescriptive measures listed in Table 6B-1 of this form. An alternative method is provided for additions of 600 square feet or less by use of Form 600C. If a building does not comply with this method, it may still comply under other sections in Chapter 6 of the Code.

PROJECT NAME: Hudson, Vep	BUILDER: Hudson, Vep	PERMITTING OFFICE: Lake City #133935	PERMIT NO.: [] [] [] [] [] [] [] [] [] []	JURISDICTION NO.: [] [] [] [] [] [] [] [] [] []
OWNER: Vep L & Zella M Hudson	CLIMATE ZONE: 1			

- GENERAL DIRECTIONS
- New construction including additions which incorporates any of the following features cannot comply using this method: steel stud walls, single assembly roof/ceiling construction, or skylights or other non-vertical roof glass.
 - Choose one of the component packages "A" through "E" from Table 6B-1 by which you intend to comply with the Code. Circle the column of the package you have chosen.
 - Fill in all the applicable spaces of the "To Be Installed" column on Table 6B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
 - Complete page 1 based on the "To Be Installed" column information.
 - Read "Minimum Requirements for All Packages", Table 6B-2 and check each box to indicate your intent to comply with all applicable items.
 - Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

- Compliance package chosen (A-F)
- New construction or addition
- Single family detached or Multifamily attached
- If Multifamily—No. of units covered by this submission
- Is this a worst case? (yes / no)
- Conditioned floor area (sq. ft.)
- Predominant eave overhang (ft.)
- Glass type and area :
 - Clear glass
 - Tint, film or solar screen
- Percentage of glass to floor area
- Floor type, area or perimeter, and insulation:
 - Slab on grade (R-value)
 - Wood, raised (R-value)
 - Wood, common (R-value)
 - Concrete, raised (R-value)
 - Concrete, common (R-value)
- Wall type, area and insulation:
 - Exterior:
 - Masonry (Insulation R-value)
 - Wood frame (Insulation R-value)
 - Adjacent:
 - Masonry (Insulation R-value)
 - Wood frame (Insulation R-value)
- Ceiling type, area and insulation:
 - Under attic (Insulation R-value)
 - Single assembly (Insulation R-value)
- Air Distribution System: Duct insulation, location
- Test report (attach if required)
- Cooling system
(Types: central, room unit, package terminal A.C., gas, none)
- Heating system:
(Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)
- Hot water system:
(Types: elec., nat. gas, L.P. gas, solar, heat rec., ded. heat pump, other, none)

1.	10a.	R=	N/A	sq. ft.	11.	10a.	R=	N/A	sq. ft.
2.	10b.	R=	N/A	sq. ft.	12.	10b.	R=	N/A	sq. ft.
3.	10c.	R=	N/A	sq. ft.	13.	10c.	R=	N/A	sq. ft.
4.	10d.	R=	N/A	sq. ft.	14.	10d.	R=	N/A	sq. ft.
5.	10e.	R=	N/A	sq. ft.	15.	10e.	R=	N/A	sq. ft.
6.	11a-1	R=	N/A	sq. ft.	16.	11a-1	R=	N/A	sq. ft.
7.	11a-2	R=	N/A	sq. ft.	17.	11a-2	R=	N/A	sq. ft.
8.	11b-1	R=	N/A	sq. ft.	18.	11b-1	R=	N/A	sq. ft.
9.	11b-2	R=	N/A	sq. ft.	19.	11b-2	R=	N/A	sq. ft.
10.	12a.	R=	30	sq. ft.	20.	12a.	R=	30	sq. ft.
11.	12b.	R=	N/A	sq. ft.	21.	12b.	R=	N/A	sq. ft.
12.	13.	R=	6	sq. ft.	22.	13.	R=	6	sq. ft.
13.	14a.	Type:	Central		23.	14a.	Type:	Central	
14.	14b.	SEER/EER:	13		24.	14b.	SEER/EER:	13	
15.	14c.	Capacity:	43.0K BTU hr		25.	14c.	Capacity:	43.0K BTU hr	
16.	15a.	Type:	Heat pump		26.	15a.	Type:	Heat pump	
17.	15b.	HSPF/COP/AFUE:			27.	15b.	HSPF/COP/AFUE:		
18.	15c.	Capacity:	10 KW Elec. strip		28.	15c.	Capacity:	10 KW Elec. strip	
19.	16a.	Type:	Electric		29.	16a.	Type:	Electric	
20.	16b.	EF:	0.93		30.	16b.	EF:	0.93	

Please Print

CK

VEP L. HUDSON

4005 N. Edgewater Circle
LaBelle, Florida 33935
1-239-464-3283
fax: 1-863-675-6194
vephudson@msn.com

September 28, 2005

Joe Haltiwanger
Columbia County Building Department
Lake City, Florida

In reference to Building Permit Application # 0509-54 in the name of Vep L. Hudson:

Dear Joe,

Thanks for your help in providing me with information necessary to comply with the requirements in regard to the above application. I appreciate it very much. Please let me reply to the items of concern in the fax dated 9-19-2005.

In regard to:

ITEM # 1:

I will submit a recorded notice of commencement prior to requesting any inspections.

ITEMS # 2 & 3:

Please find a completed Energy Efficiency Code. This includes information from the Manual J form mentioned in Item #2.

ITEM #4:

In Item #3 concerning the information on the fireplace, we plan to have a wood burning fireplace built.

ITEM#5:

I am submitting with this application the soil bearing capacity test from Cal-Tech as required.

ITEM #6:

The house plans state that 2 X 12 headers are to be used on all shear wall openings and covered porches. I verify that I will comply with this procedure.

ITEM #7:

In regard to fire blocking and draft stopping requirements, I plan to use special electrical approved caulking for this purpose.

ITEM #8:

All smoke and fire alarms will be installed as required. There will be alarms in each bedroom and in the hallways. They will be on one circuit inner connected by line voltage, so that if one goes off--all will.

ITEM #9:

The house plan states on page 4 under electrical note #1 that all bedrooms must be protected by arc fault circuits (AFCI). I will comply with this requirement.

Joe, I hope the above information and the submission of the Florida Energy Code Form 600B-01 and the soil bearing capacity test results will satisfy the requirements you requested.

It is my intention to comply with every building code in regard to building my new home.

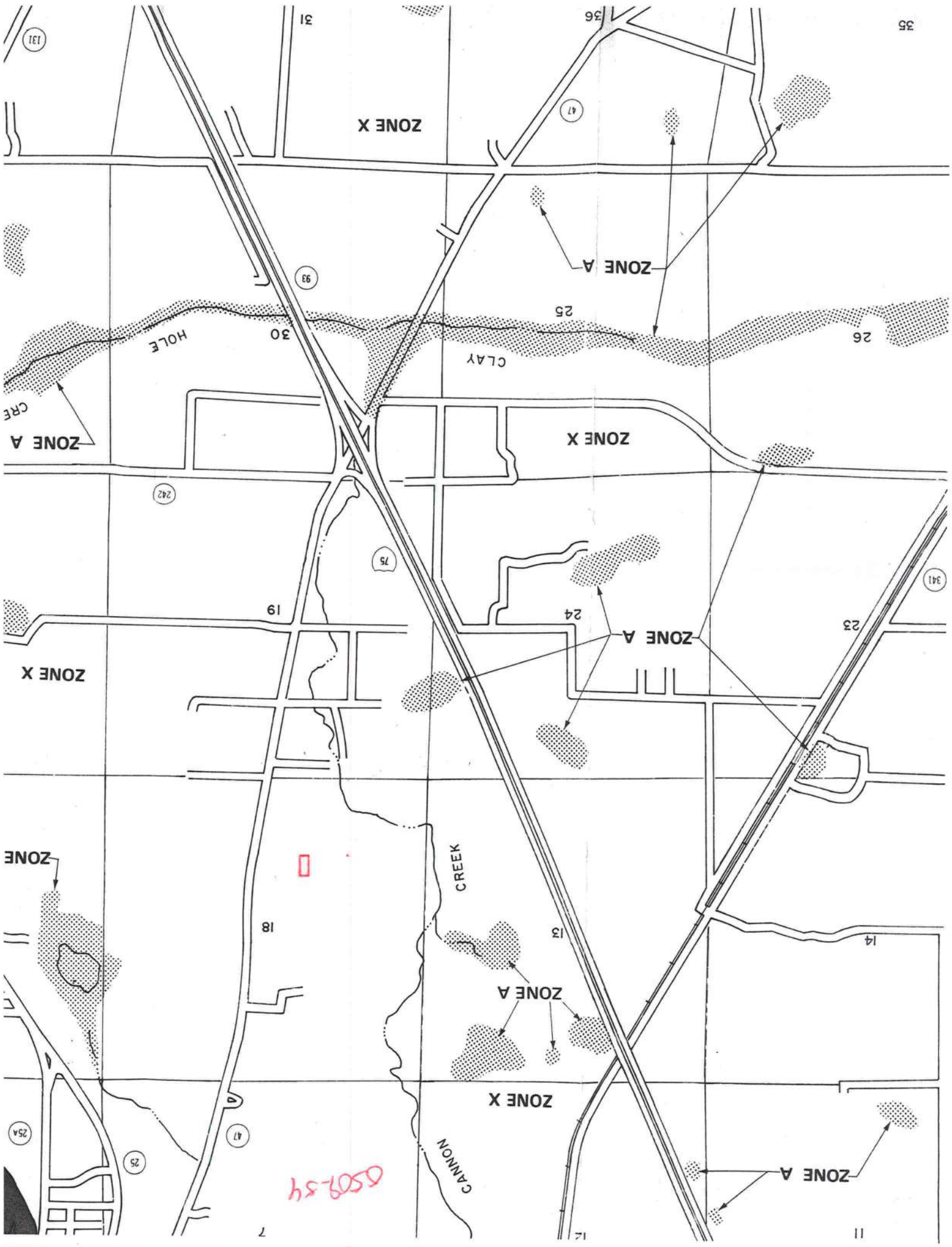
Thanks again for all your time and assistance. Please call me if you have need of anything further or you can send a fax to me. Please call before faxing.

Sincerely,

Wep L. Hudson

Wep L. Hudson
4005 N. Edgewater Circle
LaBelle, Florida 33935

Signature



November 2, 2006

Fax # 386-752-2160

Columbia County Building and Zoning Department

The purpose for this letter is to apply for a 90 day extension on permit # 0509-54. After I applied for the permit for my single story residential house, I had a heart attack and open heart by-pass surgery. I was not able to begin construction on this house until June of this year and since then, the job has gone very slowly due in part to having sub-workers to show up for work and follow through.

Thanks

Vep L. Hudson

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025

home phone 386-961-8171

23596

17

January 31, 2007

Fax # 386-756-2160

Columbia County Building and Zoning Department

The purpose for this letter is to apply for a 90 day extension on permit # 23990. I was not able to begin construction on this house until June of 2006 and since then, the job has gone very slowly due in part to having sub-workers to show up for work and follow through.

Thanks

Vep L. Hudson

Vep L. Hudson

270 SW Broderick Drive

Lake City, Florida 32025

home phone 386-961-8171



Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

September 28, 2005

Vep Hudson
4005 North Edgewater Circle
La Belle, Florida 33935

Reference: Proposed Hudson Residence
270 S. W. Broderick Drive
Lake City, Florida
Cal-Tech Project No. 05-502

Dear Mr. Hudson,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a residence to be constructed at the referenced location. Our work was performed in conjunction with and authorized by you.

We understand the residence will be single-story and have a plan area of about 3,000 square feet. Support for the residence is to be provided by conventional, shallow spread footings and stem walls. Anticipated foundation loads were not provided; however, we assume column and wall loads will not exceed 25 kips and 2 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The site was investigated by performing two (2) dynamic cone penetration tests with hand-auger borings advanced to depths of 7.0 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. Boring locations were selected by Cal-Tech Testing, Inc., and the building limits were staked on site.

The dynamic cone penetration test is performed by driving a standard 60 degree cone into the soil by blows from a 15-pound slide-hammer falling 20 inches. The number of blows required to advance the cone 1.75 inches is designated the dynamic cone penetration resistance. This value can be correlated to N-values of the Standard Penetration Test and is an index of soil density or consistency.

Hand-auger borings are performed by manually advancing a 3-inch diameter, metal sleeve into the soil to recover samples from limited depths. Samples are examined for soil type and color.

Findings

The soil borings generally encountered three soil strata. The first layer consists of about 2.0 feet of loose to medium dense, orangish tan or tannish gray, sand (SP), sand with silt (SP/SM) or silty sand (SM). The equivalent N-values of this layer range from 4 to 23 blows per foot.

The second layer consists of about 4.0 feet of medium dense to dense, generally gray, orange and red, clayey sand (SC). The equivalent N-values for this layer range from 11 to 45 blows per foot. The third layer consists of an undetermined thickness of very stiff, gray, red and orange, sandy clay (CL). The equivalent N-values of this layer are on the order of 22 to 25 blows per foot.

Groundwater was not encountered at the time of our investigation; however, we estimate the wet season water table will occur at a depth of about 4 to 5 feet. For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

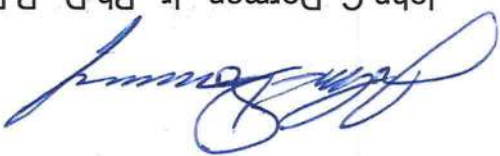
We have performed a bearing capacity analysis for the immediate bearing soils and have assumed a shallow strip footing having a width of 18 inches and bottom embedment of 14 inches. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 2.0 against a bearing capacity failure. It is therefore our opinion the subgrade soils within the proposed building area are suitable for shallow foundations and an allowable bearing capacity of 2,000 pounds per square foot. If the proposed foundations are substantially less in width and/or embedment, an additional bearing capacity analysis should be performed.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

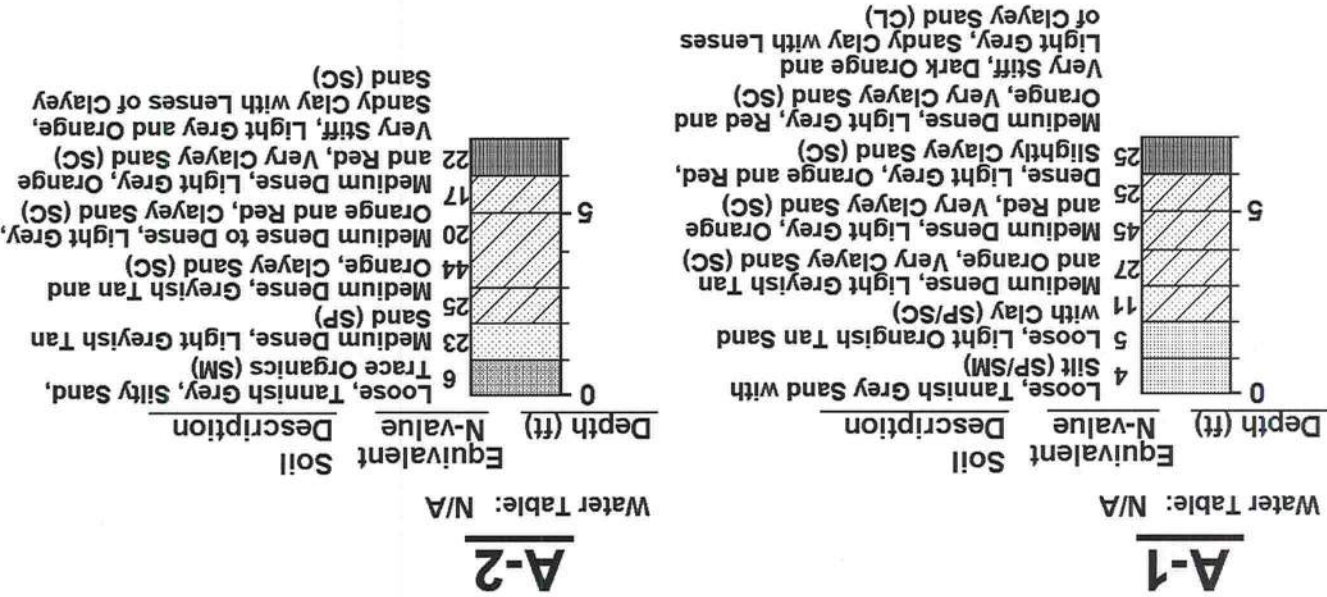
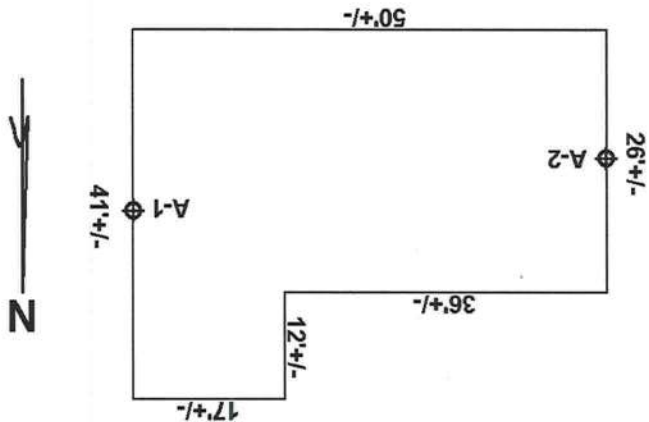


Linda Creamer
President / CEO



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
9/28/05
52612

Boring Logs and Location Plan: Proposed Hudson Residence
Lake City, Florida



Evaluation/Test Reports Uploaded:
Installation Documents Uploaded:

Product Approval Method:

Application Status:

Page:

App/Seq #	Product Model # or Name	Model Description
18.1	Wood-Edge Steel Door Units	

18.1

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Method 1 Option A

Approved

MASONITE ENG/MAINT



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DOORS

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COP/Test Report Validation Matrix
#3026447B-001

WOOD-EDGE STEEL DOORS

COP# (VLT.)	Frame Type	Config.	Swing (U)	Max. Overall Size (ft.)	Leaf	Minimal Max. Leaf Size (ft.)	Blading Type	+DP (psi)	-DP (psi)	Impact App'd	Ref. Test Reports*	Ref. Eval. Report	As'y Detail (MID-VL-MB)	Install Detail (MID-VL-MB)
MA4126-03	wood	X	0	36 x 96	1	36 x 96	0	70.0	70.0	Y	CTLA-919W	003-005-0002	0011-02	0001-02
MA4127-03	wood	XX	0	72 x 96	1,2	36 x 96	0	49.7	49.7	Y	CTLA-919W	003-005-0002	0012-02	0002-02
MA4128-03	wood	XOX	0	72 x 96	1	36 x 96	0	49.7	49.7	Y	CTLA-919W	003-005-0002	0013-02	0003-02
					SL	36 x 96	0	49.7	49.7	N			0016-02	
MA4129-03	wood	OXO	0	108 x 96	1	36 x 96	0	49.7	49.7	Y	CTLA-919W	003-005-0002	0014-02	0004-02
					SL	36 x 96	0	49.7	49.7	N			0017-02, 0041-02	
MA4130-03	wood	OXO	0	144 x 96	1,2	36 x 96	0	49.7	49.7	Y	CTLA-919W	003-005-0002	0015-02	0005-02
					SL	36 x 96	0	49.7	49.7	N			0018-02, 0041-02	
MA4131-02	HM	X	0	36 x 80	1	36 x 80	0	65.0	65.0	Y	NC1-210-1915-7, 9, 10, 11, 12 NC1-210-2529-1 NC1-210-2529-1	-	0020-02	0007-02
MA4135-02	2-PC	X	0	36 x 80	1	36 x 80	0	65.0	65.0	Y	NC1-210-2529-1	-	0019-02	0006-02
MA4141-02	wood	X	1	36 x 80	1	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0010-02	0001-02
MA4142-02	wood	XX	1	72 x 80	1,2	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0002-02	0002-02
MA4143-02	wood	XOX	1	72 x 80	1	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0003-02	0003-02
					BL	36 x 80	0	50.5	50.5	N			0006-02	
MA4144-02	wood	OXO	1	108 x 80	1	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0004-02	0004-02
					SL	36 x 80	0	50.5	50.5	N			0007-02	
MA4145-02	wood	OXO	1	144 x 80	1,2	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0005-02	0005-02
					SL	36 x 80	0	50.5	50.5	N			0008-02	
MA4161-02	wood	X	0	36 x 80	1	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0011-02	0001-02
MA4162-02	wood	XX	0	72 x 80	1,2	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0012-02	0002-02
MA4163-02	wood	XOX	0	72 x 80	1	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0013-02	0003-02
					SL	36 x 80	0	50.5	50.5	N			0016-02	
MA4164-02	wood	OXO	0	108 x 80	1	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0014-02	0004-02
					SL	36 x 80	0	50.5	50.5	N			0017-02	
MA4165-02	wood	OXO	0	144 x 80	1,2	36 x 80	0	50.5	50.5	N	NC1-210-2529-7	-	0015-02	0005-02
					SL	36 x 80	0	50.5	50.5	N			0018-02	

* O-type; G-gland
† tested in accordance with Metro-Date Protocols P4011, P4202 and P4203

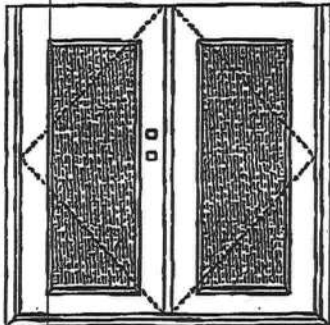
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GOP-WL-MA4162-03

XX
Glazed Outswinging Unit

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

Limit of water unless special divested design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-02 and local or state building codes apply the editor required.

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA000-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



130, 135 Series



150 Series



600 Series



800 Series

1/2 GLASS:



105 Series



108, 160 Series



120 Series



200 Series



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



107 Series



108 Series



501 Series

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

Kt & Body

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).

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCGO PA202
COMPANY NAME
CITY, STATE

Certifying Engineer and License Number: Gerry Ferrara, P.E. / 11885.
 Unit Tested in Accordance with Miami-Dade BCCO PA202.
 Door panels constructed from .25-gauge 0.017" thick steel skins. Both sides constructed from wood. Top
 end rails constructed either wood or steel. Bottom end rails constructed from either wood or steel.
 Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass in junted
 in a rigid plastic lip lite surround.
 Frame constructed of wood with an extruded aluminum bumper threshold.

7-0862-012 712N

Certifying Engineer and License Number: Gerry Ferrara, P.E. / 11985.

Unit Tested in Accordance with Miami-Dade BCGO PA202.

Door panels constructed from .25-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed either wood or steel. Bottom end rails constructed from either wood or steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip like surround.

Frame consisted of wood with an extruded aluminum bumper threshold.

3/4 CLASS:

XX
Glazed Outswing Unit

04/13/2004 11:17 615-441-4277

MASONITE ENG/MAINT

PAGE 07/09

WOOD-EDGE STEEL DOORS

COP-WL-MA4162-03



FULL GLASS:

1

- Notes:
1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jam, and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons. Threshold fasteners analyzed for this unit include #8 and #10 wood screws, 3/16" Tapcons, or Liquid Nails Builders Choice 490 (or equal structural adhesive).
 2. The wood screw single shear design values come from Table 11.3A of ANSI/APA & 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 Data Count / approvals respectively, each with minimum 1-1/4" embedment.
 3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

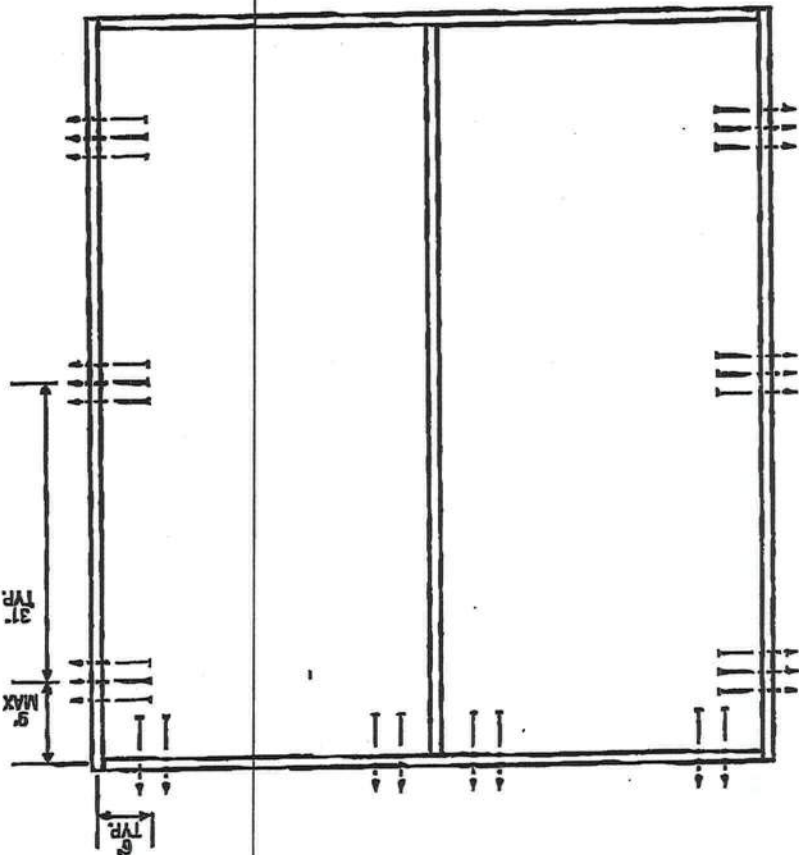
- Latching Hardware:
- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
 - UNITS COVERED BY COP DOCUMENT 0247, 0257, 3242, 3247, 3262 or 3267
 - Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on both side of active door panel - (1) at top and (1) at bottom.
- Based on required Design Pressure - see COP sheet for details.

Masonite Hardware
Test Data Review Guidelines #200447A, #002647B, #002647C, #002647D, #002647E, #002647F, #002647G and COP/First Report Validation Matrix
#200447A-001, #002, #003, #004, #005, #006, #007, #008, #009, #010, #011, #012, #013, #014, #015, #016, #017, #018, #019, #020, #021, #022, #023, #024, #025, #026, #027, #028, #029, #030, #031, #032, #033, #034, #035, #036, #037, #038, #039, #040, #041, #042, #043, #044, #045, #046, #047, #048, #049, #050, #051, #052, #053, #054, #055, #056, #057, #058, #059, #060, #061, #062, #063, #064, #065, #066, #067, #068, #069, #070, #071, #072, #073, #074, #075, #076, #077, #078, #079, #080, #081, #082, #083, #084, #085, #086, #087, #088, #089, #090, #091, #092, #093, #094, #095, #096, #097, #098, #099, #100, #101, #102, #103, #104, #105, #106, #107, #108, #109, #110, #111, #112, #113, #114, #115, #116, #117, #118, #119, #120, #121, #122, #123, #124, #125, #126, #127, #128, #129, #130, #131, #132, #133, #134, #135, #136, #137, #138, #139, #140, #141, #142, #143, #144, #145, #146, #147, #148, #149, #150, #151, #152, #153, #154, #155, #156, #157, #158, #159, #160, #161, #162, #163, #164, #165, 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DOUBLE DOOR

MID-WL-MA0002-02

XX Unit



Minimum Fastener Count

- 6 per vertical framing member for 7'0" heights and smaller
- 8 per vertical framing member for heights greater than 7'0"
- 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"

Wackenhut Services
Test Data Review Confirms #302647A, #302647B, #302647C, #302647D, #302647E, #302647F, #302647G, #302647H, #302647I, #302647J, #302647K, #302647L, #302647M, #302647N, #302647O, #302647P, #302647Q, #302647R, #302647S, #302647T, #302647U, #302647V, #302647W, #302647X, #302647Y, #302647Z, #302647AA, #302647AB, #302647AC, #302647AD, #302647AE, #302647AF, #302647AG, #302647AH, #302647AI, #302647AJ, #302647AK, #302647AL, #302647AM, #302647AN, #302647AO, #302647AP, #302647AQ, #302647AR, #302647AS, #302647AT, #302647AU, #302647AV, #302647AW, #302647AX, #302647AY, #302647AZ, #302647BA, #302647BB, #302647BC, #302647BD, #302647BE, #302647BF, #302647BG, #302647BH, #302647BI, #302647BJ, #302647BK, #302647BL, #302647BM, #302647BN, #302647BO, #302647BP, #302647BQ, #302647BR, #302647BS, #302647BT, #302647BU, #302647BV, #302647BW, #302647BX, #302647BY, #302647BZ, #302647CA, #302647CB, #302647CC, #302647CD, #302647CE, #302647CF, #302647CG, #302647CH, #302647CI, #302647CJ, #302647CK, #302647CL, #302647CM, 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Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- UNITS COVERED BY COP DOCUMENT 0247, 0267, 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.

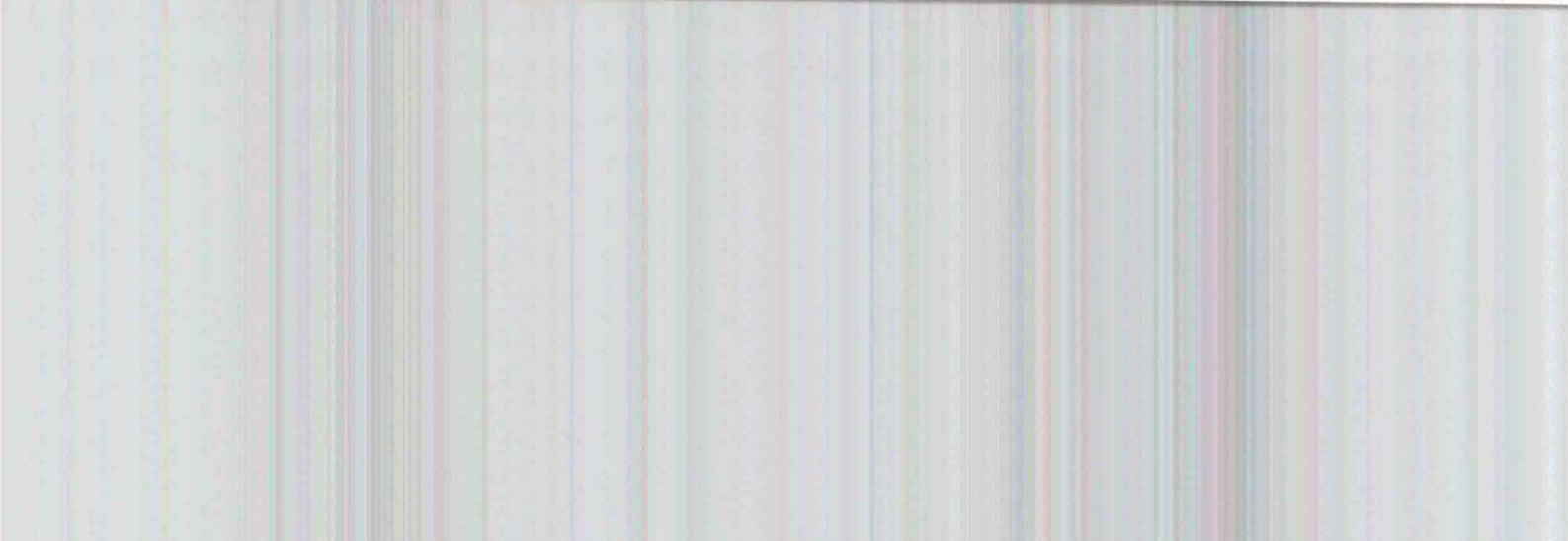
Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 wood screws and 10d common nails. Threshold fasteners analyzed for this unit include Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw and common nail single shear design values come from AISI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment of 1-1/4".
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.



March 10, 2003
Our continuing program of product improvement makes specifications subject to change without notice.



Back Patio Doors for Family Room

Keep The door

Data on door - Miami - Date Code - 03-0625-01

Stormwatch™ Protection (Coastal Product)

Andersen® products with Stormwatch protection are designed for use in coastal areas. They feature design pressure upgrades, glass options, and structural enhancements.

The parts listed below are exclusive to the Stormwatch line. Parts shared with standard doors are listed in the standard product pages of this section.

Active Panels

Active Panel for Single Doors

High-Performance Tempered Impact Resistant - Pine Interior											
Unit No.											
Left			Right			Left			Right		
By description			By description			By description			By description		
FWO2768A			FWO2768A			FWO2768A			FWO2768A		
By description			By description			By description			By description		
FWO27611A			FWO27611A			FWO27611A			FWO27611A		
By description			By description			By description			By description		
FWO2780A			FWO2780A			FWO2780A			FWO2780A		
By description			By description			By description			By description		
FWO2968A			FWO2968A			FWO2968A			FWO2968A		
By description			By description			By description			By description		
FWO29611A			FWO29611A			FWO29611A			FWO29611A		
By description			By description			By description			By description		
FWO2980A			FWO2980A			FWO2980A			FWO2980A		
By description			By description			By description			By description		
FWO3168A			FWO3168A			FWO3168A			FWO3168A		
By description			By description			By description			By description		
FWO31611A			FWO31611A			FWO31611A			FWO31611A		
By description			By description			By description			By description		
FWO3180A			FWO3180A			FWO3180A			FWO3180A		

High-Performance Tempered Impact Resistant - Maple Interior											
Unit No.											
Left			Right			Left			Right		
By description			By description			By description			By description		
FWO2768A			FWO2768A			FWO2768A			FWO2768A		
By description			By description			By description			By description		
FWO27611A			FWO27611A			FWO27611A			FWO27611A		
By description			By description			By description			By description		
FWO2780A			FWO2780A			FWO2780A			FWO2780A		
By description			By description			By description			By description		
FWO2968A			FWO2968A			FWO2968A			FWO2968A		
By description			By description			By description			By description		
FWO29611A			FWO29611A			FWO29611A			FWO29611A		
By description			By description			By description			By description		
FWO2980A			FWO2980A			FWO2980A			FWO2980A		
By description			By description			By description			By description		
FWO3168A			FWO3168A			FWO3168A			FWO3168A		
By description			By description			By description			By description		
FWO31611A			FWO31611A			FWO31611A			FWO31611A		
By description			By description			By description			By description		
FWO3180A			FWO3180A			FWO3180A			FWO3180A		

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

Exit door
Lowes

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 375-6339

MIAMI-DADE
Vop Hudson
approved 01-103101

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
One Premdor Drive
Dickson, TN 37035

Your application for Notice of Acceptance (NOA) of:

Fiberglass Door-Inswing - Opaque In a Wood Frame

under Chapter 8 of the Code of Miami-Dade County governing the use of Airtight Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-103101
EXPIRES: 11/16/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director

Miami-Dade County
Building Code Compliance Office

APPROVED: 12/11/2001

Premdor Entry Systems

ACCEPTANCE No.: 01-1031.01

APPROVED: December 11, 2001

EXPIRES: November 16, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE
1.1 This renews Notice of Acceptance (NOA) No. 98-0223.07, which was issued on November 16, 2000. It renews the approval of a residential insulated fiberglass door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION
2.1 The Inswing Opaque Single Residential Insulated Fiberglass Door and its components shall be constructed in strict compliance with the following document: Drawing No 31-1033-1, Sheets 1 through 4 of 4, titled "Premdor 3' 0" x 6' 8" (Fiberglass) Door w/Bumper Threshold in Wood Frame (Inswing)," prepared by manufacturer, dated 1/27/98 and revised on 10/18/00, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS
3.1 This approval applies to single unit applications of single, as shown in approved drawings.
3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

4. INSTALLATION
4.1 The residential insulated fiberglass door and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): The installation of these units will require a hurricane protective system.

5. LABELING
5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Raul Rodriguez, Chief
Product Control Division

Premdor Entry Systems

ACCEPTANCE No.: 01-1031.01

APPROVED: December 11, 2001

EXPIRES: November 16, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.

2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.

3. Renewals of Acceptance will not be considered if:
a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
b) The product is no longer the same product (identical) as the one originally approved;
c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.

4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
a) Unsatisfactory performance of this product or process.
b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.

6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The engineer need not resal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.

9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Raul Rodriguez, Chief
Product Control Division

01/19/2003 12:41 PM 0000000022

MASSONITE COP/TEST REPORT

Entergy

Entry Systems

COP/TEST Report Validation Matrix
#3026447C-003

FIBERGLASS DOORS

COP# (V.L.)	Confd.	Swing (I/O)	Max. Overall Size (ins.)	Unit	Nominal Max. Leaf Size (ins.)	Glaszng Type ¹	+UP (psi)	-UP (psi)	Impact Appt'd	Ref. Test Reports ²	Ass'y Detail (MAD-WL-M4)	Instll Detail (MID-WL-M4)
MA0101-02	X	I	36 x 80	1	36 x 80	O	76.0	76.0	Y	MC1L-210-1973-1-3, C1LA-1051W	0001-02	0001-02
MA0102-02	XX	I	72 x 80	1,2	36 x 80	O	55.0	55.0	Y	C1LA-772W-2, C1LA-1051W	0002-02	0002-02
MA0103-02	XU/OX	I	90 x 80	1	36 x 80	O	55.0	55.0	Y	C1LA-772W-2, C1LA-1051W	0003/0006/0041-02	0003-02
MA0104-02	DXO	I	64 x 80	1	14 x 80	G	55.0	55.0	N	C1LA-772W-2, C1LA-1051W	0004/0007/0041-02	0004-02
MA0105-02	DXO	I	100 x 80	1,2	36 x 80	O	55.0	55.0	Y	C1LA-772W-2, C1LA-1051W	0005/0008/0041-02	0005-02
MA0106-02	X	I	36 x 86	1	14 x 80	G	55.0	55.0	N	C1LA-772W, C1LA-1051W	0001-02	0001-02
MA0107-02	XX	I	72 x 86	1,2	36 x 86	O	55.0	55.0	Y	C1LA-772W-1, C1LA-1051W	0002-02	0002-02
MA0108-02	XU/OX	I	90 x 86	1	36 x 86	O	55.0	55.0	Y	C1LA-772W-1, C1LA-1051W	0003/0006/0041-02	0003-02
MA0109-02	DXO	I	64 x 86	1	14 x 86	G	55.0	55.0	N	C1LA-772W-1, C1LA-1051W	0004/0007/0041-02	0004-02
MA0110-02	DXO	I	100 x 86	1,2	36 x 86	O	55.0	55.0	Y	C1LA-772W-1, C1LA-1051W	0005/0014-02	0005-02
MA0121-02	X	O	36 x 80	1	36 x 80	O	76.0	76.0	Y	MC1L-210-1973-1-3, C1LA-1051W	0011-02	0001-02
MA0122-02	XX	O	72 x 80	1,2	36 x 80	O	55.0	55.0	Y	C1LA-772W-2, C1LA-1051W	0012-02	0002-02
MA0123-02	XU/OX	O	50 x 80	1	36 x 80	O	55.0	55.0	Y	C1LA-772W-2, C1LA-1051W	0013/0016/0041-02	0003-02
MA0124-02	DXO	O	64 x 80	1	14 x 80	G	55.0	55.0	N	C1LA-772W-2, C1LA-1051W	0014/0017/0041-02	0004-02
MA0125-02	DXO	O	100 x 80	1,2	14 x 80	G	55.0	55.0	Y	C1LA-772W-2, C1LA-1051W	0015/0018/0041-02	0005-02
MA0126-02	X	O	36 x 86	1	14 x 86	G	55.0	55.0	N	C1LA-772W, C1LA-1051W	0011-02	0001-02
MA0127-02	XX	O	72 x 86	1,2	36 x 86	O	55.0	55.0	Y	C1LA-772W-1, C1LA-1051W	0012-02	0002-02
MA0128-02	XU/OX	O	50 x 86	1	36 x 86	O	55.0	55.0	Y	C1LA-772W-1, C1LA-1051W	0013/0016/0041-02	0003-02
MA0129-02	DXO	O	64 x 86	1	14 x 86	G	55.0	55.0	N	C1LA-772W-1, C1LA-1051W	0014/0017/0041-02	0004-02
MA0130-02	DXO	O	100 x 86	1,2	14 x 86	G	55.0	55.0	Y	C1LA-772W-1, C1LA-1051W	0015/0018/0041-02	0005-02

¹ O=Openure, G=glazed
² tested in accordance with Metro-Data Protocol PA202, ASTM E188B or ASTM E1996

COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Massonite technical center.
(www.massonite.com) or 800-333-3333
Massonite
March 19, 2003
VERIFIED BY
MASSONITE
MASSONITE

130 Derry Court
York, PA 17402-9405
Phone: 717.764.7700
Fax: 717.764.4129

Overall Size: 3' 8" wide by 5' 2" high
Sash Size: 3' 5-3/8" wide by 2' 6-1/2" high
Fixed Daylight Opening Size: 3' 2-7/8" wide by 2' 4-1/8" high
Screen Size: 3' 4-1/8" wide by 2' 5" high

Test Specimen #1: H-R45 44 x 62

Type: PVC Single Hung Window

Series/Model: 2900

Test Specimen Description:

Test Specification: The test specimen was evaluated in accordance with ANS/AAMA/NWDA 101/S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*
General Note: An asterisk (*) next to the performance grade indicates that the size tested for optional performance was smaller than the Gateway test size for the product type and class.

Project Summary: Architectural Testing, Inc. (ATI) was contacted by Silver Line Building Products Corporation to perform tests on three Series/Model 2900, PVC single hung windows at their test facility in North Brunswick, New Jersey. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: H-R45 44 x 62; Test Specimen #2: H-R50* 36 x 62; Test Specimen #3: H-R50* 38 x 60.

Report No: 01-44643.01
Test Date: 04.04.03
Report Date: 04.25.03
Expiration Date: 04.04.07

SILVER LINE BUILDING PRODUCTS CORPORATION
One Silver Line Drive
North Brunswick, New Jersey 08902

Rendered to:

ANS/AAMA/NWDA 101/S.2-97 TEST REPORT

Architectural Testing



Rep. Hucker
Wunderman

2100 Single Hung	03-0630.03
2100 Single Hung Window Including Mullions	03-1210.05
2130/2150 Fixed Window	03-1117.02
2700 Single Hung	02-0729.04
2700 Single Hung Window Including Mullions	03-1210.06
2730-2750 Fixed Window	03-1117.01
Vinyl Extrusions	03-1110.03

MIAMI DADE COUNTY

2700 Single Hung w/ Mullions	FL2597 RI
2700 Single Hung Masonry	FL1205
2710 Single Hung w/ Mullions	FL2597
2730 Fixed Masonry	FL1202
2730 Fixed Window w/ Mullions	FL2610
2750 Single Hung Frame	FL1204
2750 Single Hung w/ Mullions	FL2612
2750 Fixed Frame	FL1208
2750 Fixed Window w/ Mullions	FL2598
2770 Single Hung N.C.	FL1267
2770 Single Hung w/ Mullions	FL2591
2773 & 2734 Structural Beam Mullion	FL2337
2730 Fixed Masonry	FL1270
2730 Fixed Window w/ Mullions	FL2607
2750 Single Hung Frame	FL1266
2750 Single Hung w/ Mullions	FL2614
2780 Fixed Frame	FL1271
2780 Fixed Window w/ Mullions	FL2609
2800 Horizontal Slider	FL2604
2800 Single Hung	FL2547
2810 Single Hung N.C.	FL2546
2910 Single Hung w/ Mullions	FL2600
2950 Fixed Window w/ Mullions	FL2651
2950 Single Hung w/ Mullions	FL2625
4100 Fixed Replacement	FL2522
4100 Fixed w/ Fin N.C.	FL2529
5500/5500/5700 Sliding Masonry	FL2526 / FL2527
5500/5500/5700 Sliding w/ Fin Frame	FL2540
7400 Awning Replacement	FL1469
7450 Awning N.C.	FL1471
7500 Casement Replacement	FL1472
7550 Casement N.C.	FL1473
8500 Double Hung Replacement	FL1474
8500 Double Hung w/ Fin N.C.	FL1475
8700/8800 Horizontal Slider Replacement	FL2532
8700/8800 Horizontal Slider w/ Fin N.C.	FL2534

Wanted for
Mullion / Mullion



WindowCareSM Solution Center

Bayport, MN 55003-1906

Phone: 1-888-888-7020

Website: www.andersenwindows.com

FACSIMILE TRANSMITTAL SHEET

TO: Vep Hudson
FROM: Mark
FAX NUMBER: 386-755-3184
DATE: 9/13/2005
CUSTOMER'S REQUEST NUMBER: 3097414
TOTAL NO. OF PAGES INCLUDING COVER: 2
RE: Miami-Dade Notice of Acceptance
Code

Thank you for giving us the opportunity to assist you.

Egress Opening Dimensions	Minimum Opening Width - 20"						Minimum Opening Height - 24"	Minimum Opening Area - 5.7 sq. ft.
	6'0"	5'7"	5'6"	5'0"	5'2"	6'2"		
2/6	N	N	N	Y	Y	Y	Y	Y
3/0	N	Y	Y	Y	Y	Y	Y	Y
3/2	Y	Y	Y	Y	Y	Y	Y	Y
3/4	Y	Y	Y	Y	Y	Y	Y	Y
3/8	Y	Y	Y	Y	Y	Y	Y	Y
4/0	Y	Y	Y	Y	Y	Y	Y	Y
NOMINAL WIDTH								
N/A								

The chart shown to the right is a reference chart. An **N** indicates that this window size does not meet the egress criteria specified below. A **Y** indicates that this window size meets the egress criteria specified below.

Egress Opening Dimensions:

Minimum Opening Width - 20"

Minimum Opening Height - 24"

Minimum Opening Area - 5.7 sq. ft.

Structural Rating				per AAMA/WDMA 101/IS2-97			
Window w/LoE ² & Argon -				H-R50 (up to 36" x 62")			
Window w/LoE ² Glass -				H-R50 (up to 36" x 62")			
Window w/Clear I.G. -				H-R50 (up to 36" x 60")			
per NFRC 100				0.13			
U-Factor				0.13			
R-Value				0.13			
SHGC				0.13			
Visible				0.13			
Water Test				7.5, PSF			
Air Infiltration				7.5, PSF			
Water Test				7.5, PSF			

- Limited Lifetime Warranty
- Cam Type lock(s) and keeper(s) draw meeting rails together for a tighter seal.
- 1 lock on widths up to and including 2/4. 2 locks on widths 2/8 and wider.
- Block and tackle balance system for smoother sash operation.
- Half screen, w/ roll formed frame and fiberglass mesh, included for natural ventilation.
- Double mylar film seal provides an energy efficient, virtually weather tight seal.
- Soft vinyl weatherstripping creates a positive seal at sill for enhanced resistance to water leakage.
- Standard 5/8" insulated glass is energy efficient and saves on utility bills.
- Warm Edge Intercept[™] spacer reduces condensation, stress cracks and seal failures.
- Fusion welded .070" gauge vinyl for a strong weather tight seal at all corners.
- Sash tilts in for easy cleaning from within the home.
- Fusion welded .070" gauge vinyl. 2 1/16" frame depth.
- Vinyl will not rot, peel, flake or corrode, therefore never needs painting.
- Integral mulling fin for ease of installation.
- Integral colonial profile siding return for easy return of siding to the window.

Specifications

Window for House

Model 11444

2900 Series Silver Line

New Construction Window

Product Information



NOA	Description	Expires
99-1210.08	Perma Shield Narrowline Vinyl clad Wood Double Hung Window	June/28/2004
01-0709.01	Perma-Shield Vinyl Clad Wood Awning Windows	August/16/2004
01-0709.01	Perma Shield Vinyl Clad Wood Fixed Window	July/30/2006
01-0803.09	FWG 6068 Wood Sliding Glass Door (Standard)	September/30/2006
01-0803.10	FWG 6068 Wood Sliding Glass Door (Reinforced)	September/30/2006
01-0803.11	FWG 6068 Wood Sliding Glass Door (Standard)	September/30/2006
01-0803.06	FWH 3168 Inswing Wood Patio Door	September/30/2006
01-0803.07	FWG 6080 Wood Sliding Glass Door	October/2/2006
01-0803.08	FWG 160611 Wood Sliding Glass Door (OXXO)	October/2/2006
01-0803.12	FWG 60611 Wood Sliding Glass Door	October/2/2006
01-1018.01	Narrowline TR Series Wood Fixed Window	November/5/2006
00-0801.03	Series "Springline" Alum-clad Round-top Wood Fixed Window	February/7/2007
02-0417.05	Narrow Aluminum Mullion - Impact	May/2/2007
02-0423.01	Narrow Steel Mullion - Impact	May/2/2007
02-0123.01	LVL Mullion System	May/2/2007
02-0603.03	Flexiframe 12050-Fixed Windows	June/1/2007
02-0603.02	AFW 808 Springline Aluminum & Fiberglass Clad Wood Fixed Window	July/1/2007
02-0603.01	Series Perma-Shield Vinyl Clad Wood Casements Window	September/19/2007
03-0919.03	Series Perma-Shield Vinyl Clad Wood Casement Window - Impact	September/19/2007
02-0919.11	Series "Perma-Shield Sashless" Wood Fixed Window - Impact	October/21/2007
02-0919.12	Series "Flexiframe B50" Wood Fixed Window - Impact	October/21/2007
02-0919.14	Series "Springline" Wood Fixed Window - Impact	October/21/2007
02-0919.13	Series "Arch Flexiframe" Wood Fixed Window - Impact	November/5/2007
02-0621.01	Series "Circle Top" Vinyl Clad Wood Fixed Window	November/5/2007
02-0821.02	Series "Elliptical" Vinyl Clad Wood Fixed Window	November/5/2007
01-0223.02	Series "DHP 5662" Vinyl Clad Wood Fixed Window	March/27/2008
03-1124.01	Series "DHP 5662" Vinyl Clad Wood Fixed Window	March/27/2008
03-0625.01	Series Frenchwood Single Outswing and Fixed Fiberglass Clad Wood French Patio Door	May/19/2008
03-0416.16	Single Outswing and Fixed Fiberglass Clad Wood French Door - Impact Resistant	May/19/2008
03-0327.13	Laminated Veneered Lumber Mullion System	June/19/2008
03-0416.17	Series FWG "Frenchwood Sliding" Wood Sliding Glass Door - Impact Resistant	June/23/2008
03-0416.14	Series "PermaShield" Vinyl Clad Outswing Wood Casement Window	June/23/2008
03-1110.01	Series "PermaShield" Vinyl Clad Outswing Wood Casement Window	June/23/2008
03-0701.02	Series Frenchwood Sidelite/Transom Window	September/11/2008
03-0625.02	Series Frenchwood Double "AP/PA" Outswing Fiberglass Clad Wood French Patio Door	October/5/2008
03-0416.15	Series "Frenchwood Hinged AP/PA" Outswing Wood French Door - Impact Resistant	October/5/2008
04-0303.02	Vinyl Clad Wood Awning Window - L.M.I.	April/22/2009

Detail Applicant Information

Applicant
Contact
Address
City
State
Zip Code
Phone
Fax
Email
Internal
alias
100088

[header_image.htm]
[button_bar.htm]
MIAMI-DADE

RELIABLE
DOORS & WINDOWS

Phone # 1.866.366.7701
Fax # 1.866.366.7702

SPECIAL ORDER
Pedido especial

SOS Material Item # 120009
SOS Labor Item # 120011
Lead Time: 10-30 Days

Amarr
GARAGE DOORS

LOWE'S

Amarr WindPro Rating #6 (WP6) - 101-120 MPH
Design Pressure PSF +22 to +26
Test Pressure PSF +24 to +29
MODEL 500 (Better - double layer door) - **SOLID** (no windows)

Size	Model	MPH (WindPro)	Colors	Panel Design	Spring System	RETAIL
8 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 391.07
8 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 553.80
9 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 418.63
9 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 596.32
10 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 586.47
10 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 715.57
12 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 674.09
12 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 822.91
14 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 785.25
14 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,148.03
15 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 785.25
15 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,148.03
16 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 785.25
16 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,148.03
17 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,086.84
17 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,379.29
18 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,086.84
18 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,379.29

Amarr WindPro Rating #6 (WP6) - 101-120 MPH
Design Pressure PSF +22 to +26
Test Pressure PSF +24 to +29

MODEL 500 (Better - double layer door) - **GLAZED** (plain windows)

Size	Model	MPH (WindPro)	Colors	Panel Design	Spring System	RETAIL
8 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 467.04
8 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 629.77
9 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 494.60
9 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 672.29
10 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 681.19
10 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 810.29
12 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 788.40
12 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 937.21
14 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 899.56
14 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,262.33
15 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 899.56
15 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,262.33
16 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 937.45
16 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,300.23
17 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,239.04
17 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,531.49
18 x 7	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,239.04
18 x 8	500	101-120MPH (WP6)	True White, Almond, Sandstone	Short, Long	torsion	\$ 1,531.49

DOOR SIZES AND OPTIONS LISTED IN BOLD ITALICS INDICATE QUICKSHIP DOORS.
ALL OTHER DOOR SIZES AND OPTIONS ARE NON-QUICKSHIP DOORS.
QUICKSHIP LEAD-TIME IS 10 DAYS FROM SITE VISIT COMPLETION. NON-QUICKSHIP LEAD-TIME IS 30 DAYS.
Installation and Keyed Lock Not Included in the Retail Pricing. See Installation Tab for Labor Retail Pricing.

Vendor #: 67897

Lowe's 2005

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COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR

FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant ☒ Plans Examiner ☐

All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC

- a. Basic wind speed (MPH)
- b. Wind importance factor (I) and building category
- c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- d. The applicable internal pressure coefficient
- e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specially designed by the registered design professional

Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termite treatment or alternative method)
10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

Wall Sections including:

1. Rafter size, species and spacing
 2. Attachment to wall and uplift
 3. Ridge beam sized and valley framing and support details
 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
1. Truss layout and truss details signed and sealed by P.I. Pro. Eng.
 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- a) Truss package including:

Roof System:

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

Foundation Plan including:

- f) Must show and identify accessibility requirements (accessible bathroom)
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- b) Shear walls
- a) Rooms labeled and dimensioned

Floor Plan including:

See Note 5

See Note 4

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**

A development permit will also be required. Development permit cost is \$10.00

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 758-8787

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

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE

COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR

AN APPOINTMENT TIME AND DATE:

YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE

TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY

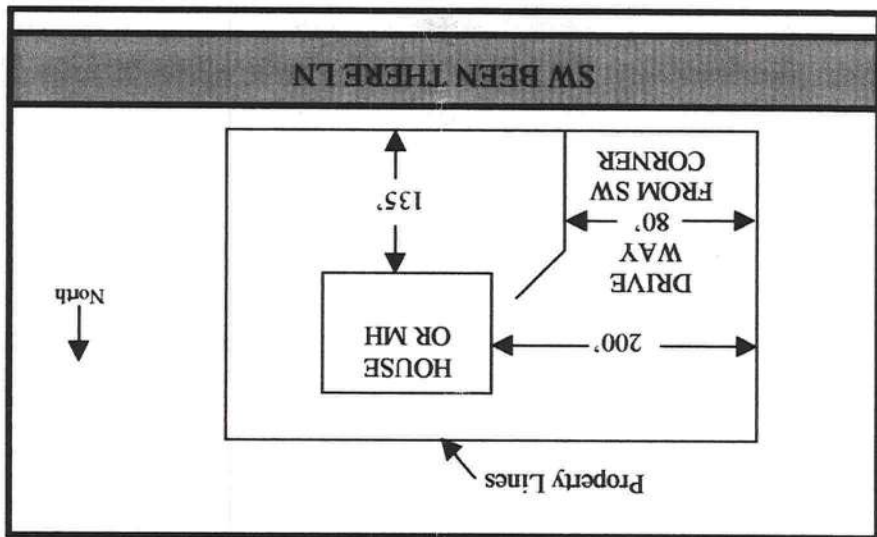
EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

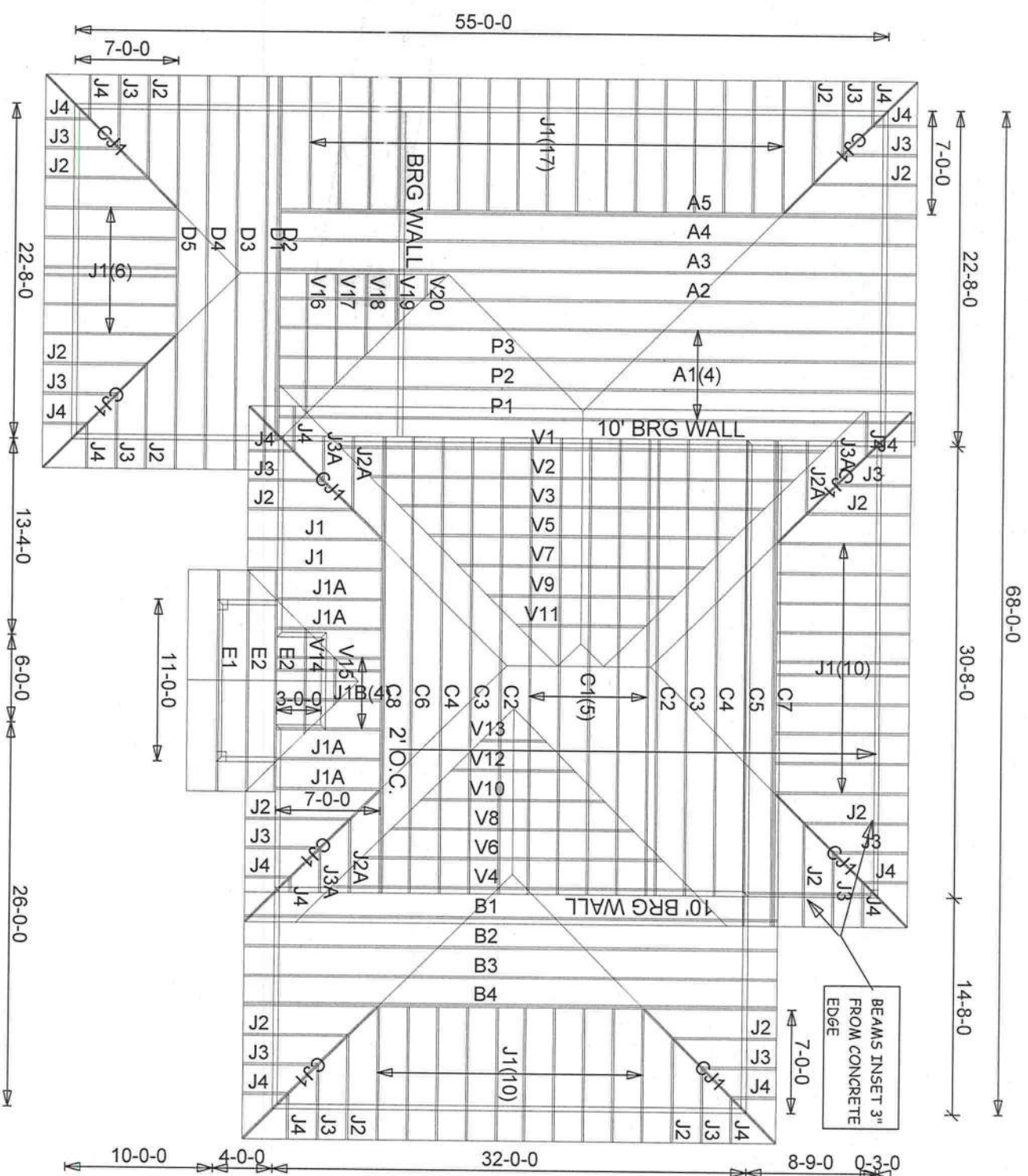
1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.

- a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
- b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
- c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

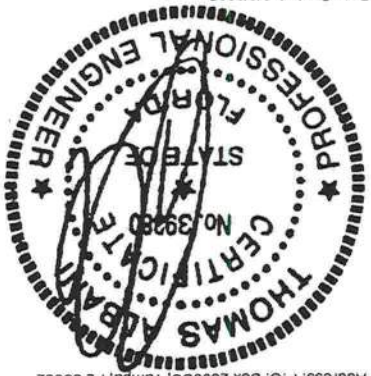
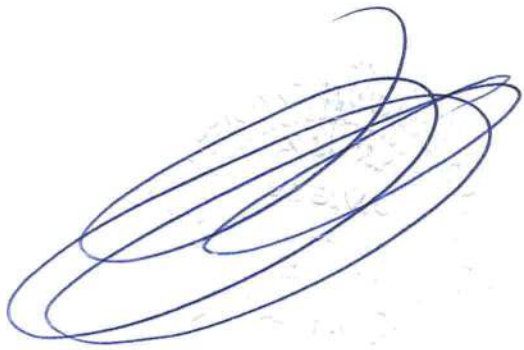
SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.



Account: INDIVIDUAL
Job: HUDSON
Designer: A. HIGHSMITH
Checker: M. MURRAY
Date: 09-06-05



Truss Design Engineer: Thomas A. Albani
License #: 33980
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 9/2/2005

Date	Mark
11/17/04	A1
11/17/04	A5
11/17/04	B4
11/17/04	C4
11/17/04	C8
11/17/04	D3
11/17/04	E2
11/17/04	J2
11/17/04	J4
11/17/04	V1
11/17/04	V5
11/17/04	V9
11/17/04	V13
11/17/04	V17

Date	Mark
11/17/04	A2
11/17/04	B1
11/17/04	C1
11/17/04	C5
11/17/04	CJ1
11/17/04	D4
11/17/04	J1
11/17/04	J2A
11/17/04	P1
11/17/04	V2
11/17/04	V6
11/17/04	V10
11/17/04	V14
11/17/04	V18

Date	Mark
11/17/04	A3
11/17/04	B2
11/17/04	C2
11/17/04	C6
11/17/04	D1
11/17/04	D5
11/17/04	J1A
11/17/04	J3
11/17/04	P2
11/17/04	V3
11/17/04	V7
11/17/04	V11
11/17/04	V15
11/17/04	V19

Date	Mark
11/17/04	A4
11/17/04	B3
11/17/04	C3
11/17/04	C7
11/17/04	D2
11/17/04	E1
11/17/04	J1B
11/17/04	J3A
11/17/04	P3
11/17/04	V4
11/17/04	V8
11/17/04	V12
11/17/04	V16
11/17/04	V20

ROBBINS ENGINEERING, INC. P.O. Box 280055 Tampa, FL 33682-0055 Phone: (813) 972-1135		Engineering Index Sheet Index Page 1 of 1	
Job Number	T05090143	Date	9/2/2005
FBC - 2001 Chapter 16 and 23		Specification Quantity	56

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 1-1995, 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)

Truss Fabricator: Mayo Truss Company, Inc
Job Reference: HUDSON - VEP HUDSON

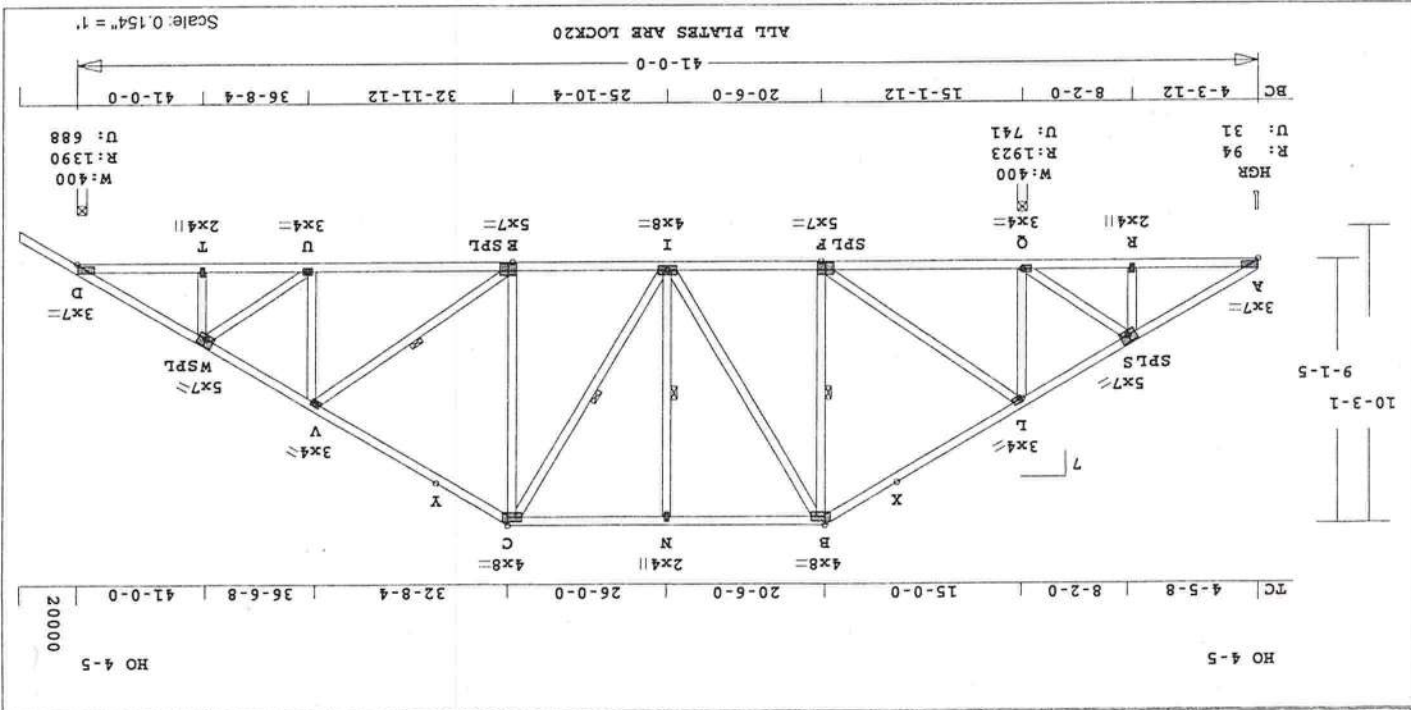
Permit Number:	Lot Number:	Address:
The information in this box is for administrative purposes only and is not part of the engineering review.		

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

ANSI/ASCE 7-98
Wind Speed - 120 mph
Mean Roof Ht. - 15 ft.
Exposure Category - B
Occupancy Factor - 1.00
MWFRS
Enclosed

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

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	A1	4	HIPP	410000	7	0	2-0-0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 327.4 LBS

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

NOTES:

1. TRUSSES MANUFACTURED BY - MAYO TRUSS CO., INC.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 120 MPH MEAN ROOF HEIGHT - 15' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING.
4. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 479 LBS.
5. FASTEN TRUSS TO BRG Q WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG D WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

R-S	=	94	T	S-Q	=	288	C
Q-L	=	1650	C	L-F	=	1208	T
F-B	=	565	C	B-I	=	685	T
I-N	=	309	C	I-C	=	267	C
E-C	=	462	T	E-V	=	573	C
U-V	=	225	T	U-W	=	176	C
T-W	=	38	T				

DL+LL DEFL = 0.26" AT Y
 LT DEFL = 0.08" > BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 999

REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

JT TYPE	PLATE	SIZE	X	Y
A	2001	3.00	X	7.00
B	5150	4.00	X	8.00
C	5150	4.00	X	8.00
D	2001	3.00	X	7.00
E	1151	5.00	X	7.00
F	1131	5.00	X	7.00
G	1070	4.00	X	8.00
H	1050	3.00	X	4.00
I	1070	4.00	X	8.00
J	1050	3.00	X	4.00
K	1050	3.00	X	4.00
L	1050	3.00	X	4.00
M	1151	5.00	X	7.00
N	1001	2.00	X	4.00
O	1030	3.00	X	4.00
P	1001	2.00	X	4.00
Q	1030	3.00	X	4.00
R	1001	2.00	X	4.00
S	1151	5.00	X	7.00
T	1001	2.00	X	4.00
U	1050	3.00	X	4.00
V	1050	3.00	X	4.00
W	1151	5.00	X	7.00
X				
Y				

Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

CSI	SIZE LUMBER	1.15PB
TOP	0.49	2X 4 SP-#2
BTM	0.46	2X 4 SP-#2
WBS	0.66	2X 4 SP-#2
REPEATITIVE MEMBER INCREASES:		
FB	15.0%	FT 0.0%
FC	0.0%	

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 ONE BRACE - P-B I-N I-C
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING		
LUMBER STRESS INCREASE:	25.0%	
PLATE STRESS INCREASE:	25.0%	
LOADING LIVE DEAD (PSF)		
TOP CHD	20.0	10.0
BTM CHD	0.0	10.0
TOTAL	20.0	20.0
SUPPORT CRITERIA		
JT REACT WIDTH	40.0	
LBS IN-SX		
A	94	3-8
D	1390	4-0

MEMBR CSI P (LBS) M@1ST M@2ND
 LEFT
 RIGHT

A-S	0.16	119	T	140	-766
S-L	0.49	410	T	766	-2672
L-X	0.42	801	C	2672	2105
X-B	0.37	699	C	-2105	-1102
B-N	0.37	1021	C	2321	-1497
N-C	0.29	1021	C	1497	-1737
C-Y	0.37	1248	C	1705	1805
Y-V	0.41	1350	C	-1805	-2430
V-W	0.44	1825	C	2430	-84
W-D	0.26	2035	C	84	-1447

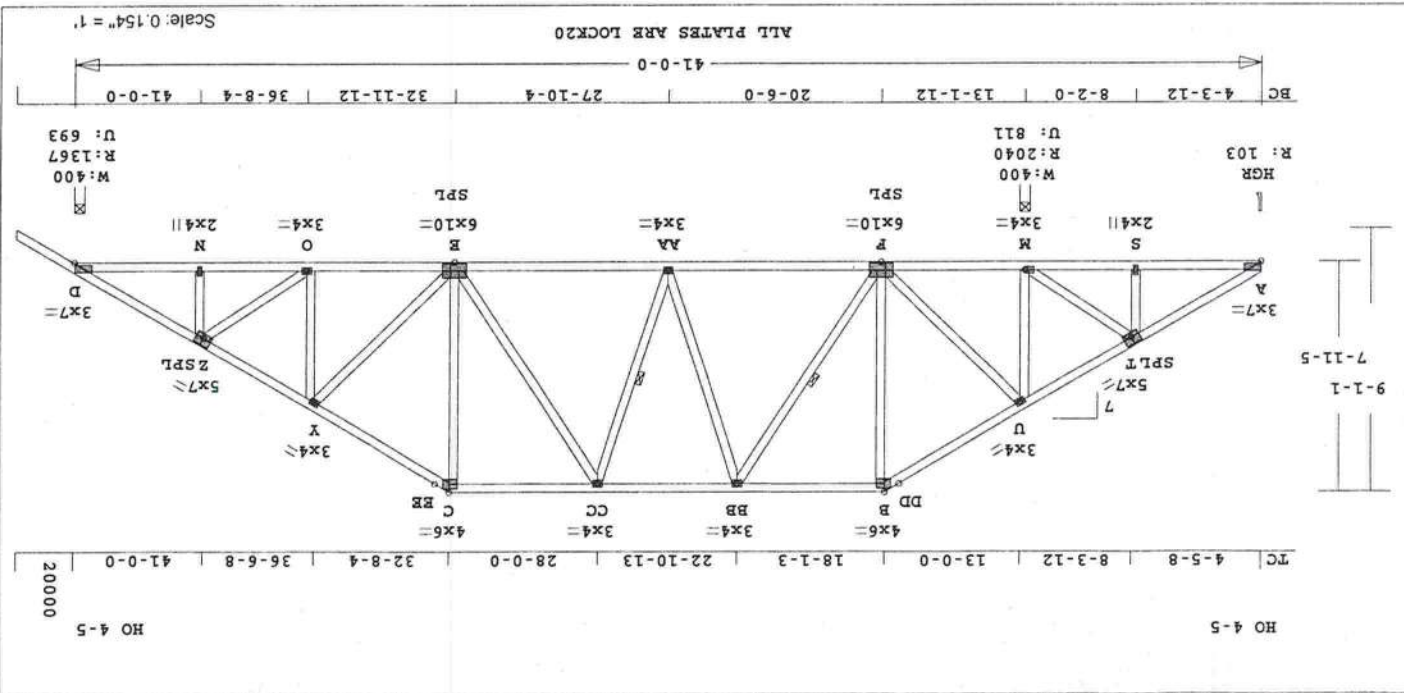
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Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682



Date Sealed: 9/2/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	A2	1	HIPP	410000	7	0	2 - 0 - 0	T05090143
U# J#HUDSON VEP HUDSON								



Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

CS1 SIZE LUMBER 1.15FB
 TOP 0.32 2X 4 SP-#2 1720
 BTM 0.46 2X 4 SP-#2 1720
 WBS 0.70 2X 4 SP-#2 1720
 REPTITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 ONE BRACE - F-BB AA-CC
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 JT REACT WIDTH
 LBS IN-SX
 A 1 3-8 M 2040 4-0
 D 1367 4-0

MEMBR CSI P(LBS) M@ST M@2ND
 HEEL 0IN - 4SX
 LEFT
 RIGHT
 4SX 0IN - 4SX

TOP CHORDS
 A-T 0.24 282 T -6 -1166
 T-U 0.32 607 T 1166 -1288
 U-DD 0.21 506 C 1288 -241
 DD-B 0.14 434 C 241 -853
 B-BB 0.23 428 C 965 -1533
 BB-CC 0.24 1102 C 1533 -1413
 CC-C 0.23 1218 C 1413 -1136
 C-BE 0.20 1348 C 812 -205
 BE-Y 0.27 1420 C 205 -1300
 Y-Z 0.29 1765 C 1300 -377
 Z-D 0.25 2003 C 377 -1387

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

S-T = 108 T T-M = 350 C
 M-U = 1769 C U-F = 1342 T
 F-B = 105 T F-BB = 944 C
 BB-AA = 503 T AA-CC = 336 C
 CC-E = 231 T E-C = 421 T
 E-Y = 446 C O-Y = 213 T
 O-Z = 225 C N-Z = 49 T

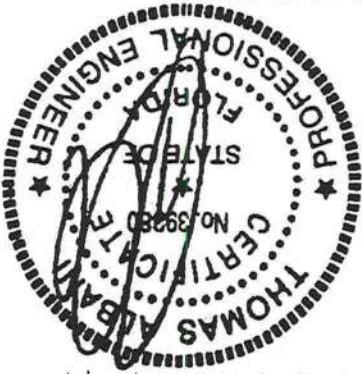
DL+L DEFLECT = 0.16" IN AA-E
 LL DEFLECT = 0.08" < BRG-SPAN/240
 SPAN/DEFLECT (DL+LL) = 999

REPORT: NER 691
 ROBBINGS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

JT TYPE PLATE SIZE X Y
 A 2001 3.00 X 7.00 5.3 2.6
 B 5101 4.00 X 6.00 2.6 2.6
 C 5101 4.00 X 6.00 2.6 2.6
 D 2001 3.00 X 7.00 5.3 2.6
 E 1170 6.00 X 10.00 CTR
 F 1170 6.00 X 10.00 CTR
 G 1030 3.00 X 4.00 CTR
 H 1030 3.00 X 4.00 CTR
 I 1050 3.00 X 4.00 CTR
 J 1050 3.00 X 4.00 CTR
 K 1050 3.00 X 4.00 CTR
 L 1050 3.00 X 4.00 CTR
 M 1030 3.00 X 4.00 CTR
 N 1001 2.00 X 4.00 CTR
 O 1050 3.00 X 4.00 CTR
 P 1001 2.00 X 4.00 CTR
 Q 1050 3.00 X 4.00 CTR
 R 1050 3.00 X 4.00 CTR
 S 1001 2.00 X 4.00 CTR
 T 1151 5.00 X 7.00 CTR
 U 1050 3.00 X 4.00 CTR
 V 1050 3.00 X 4.00 CTR
 W 1050 3.00 X 4.00 CTR
 X 1010 3.00 X 4.00 CTR
 Y 1010 3.00 X 4.00 CTR
 Z 1151 5.00 X 7.00 CTR
 AA 1010 3.00 X 4.00 CTR
 BB 1010 3.00 X 4.00 CTR
 CC 1010 3.00 X 4.00 CTR
 DD 3.0



1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
 2. EMPERICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
 4. PREVENT TRUSS ROTATION AT ALL BEARING LOCATIONS.
 5. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 419 LBS.
 6. FASTEN TRUSS TO BRG M
 FOR 811 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
 7. FASTEN TRUSS TO BRG D
 FOR 693 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.



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

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
4. DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
PREVENT TRUSS ROTATION AT
ALL BEARING LOCATIONS.
5. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 459 LBS.
6. FASTEN TRUSS TO BRG A
FOR 647 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG N
FOR 1097 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
8. FASTEN TRUSS TO BRG D
FOR 282 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

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

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

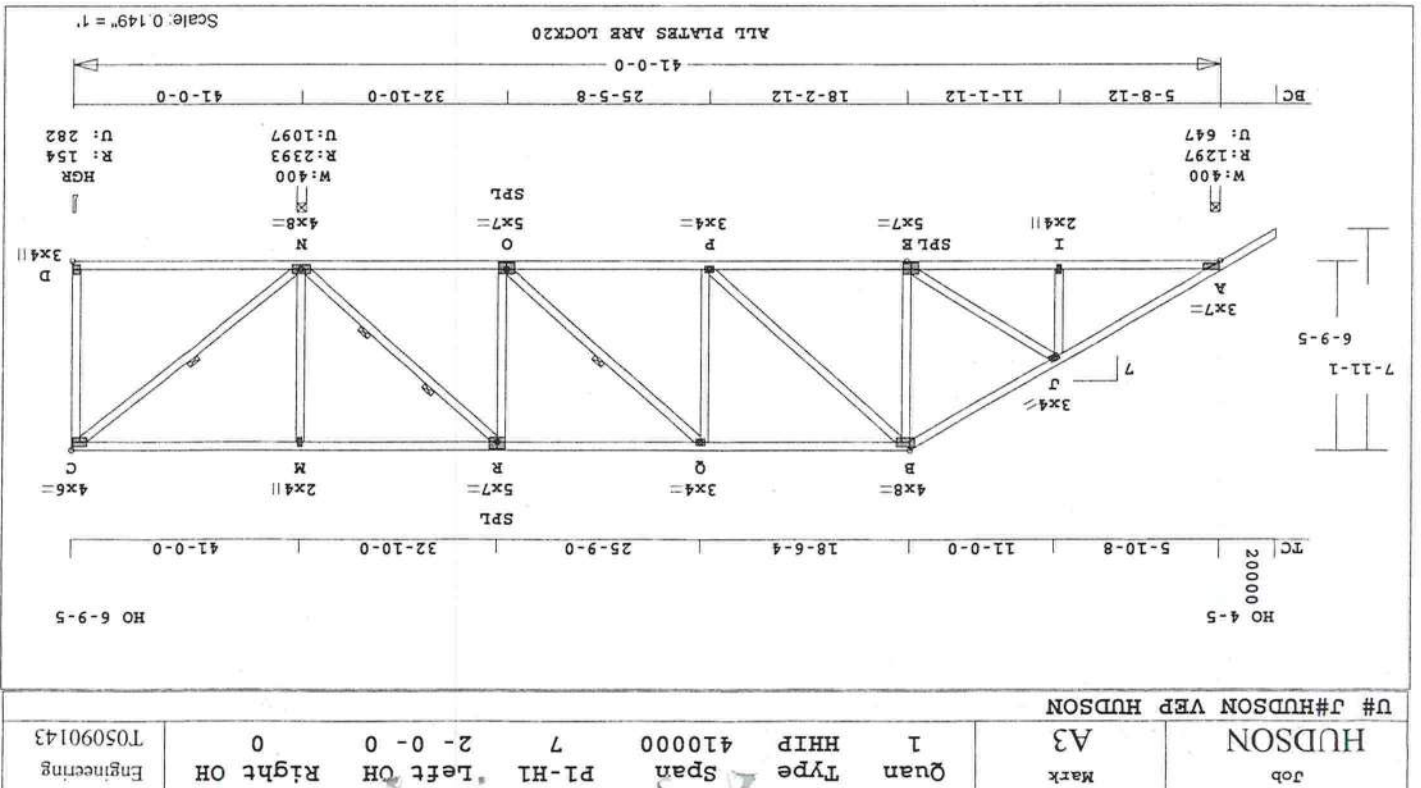
NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

D-C 0.30 92 T J-E = 397 C
 I-J = 348 T B-P = 337 C
 E-B = 295 T Q-O = 906 C
 O-R = 736 T R-N = 1698 C
 N-M = 532 C N-C = 872 C
 DL+LL DEFL = 0.34" IN M-C
 LL DEFL = 0.09" > BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 999
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

Online Plus -- Version 18.0.006									
RUN DATE: 9 - 2 - 05									
CS1	SIZE LUMBER	1.15PB							
TOP	0.85	2X 4 SP-#2	1720						
BTM	0.42	2X 4 SP-#2	1720						
WBS	0.62	2X 4 SP-#2	1720						
REPETITIVE	MEMBER INCREASES:								
FB	15.0%	FT	0.0%	FC	0.0%				
LATERAL BRACING:									
TOP CHORD - CONTINUOUS									
BTM CHORD - CONTINUOUS									
ONE BRACE - 0-O-N-C									
TWO BRACES - R-N									
TRUSS SPACING - 24.0 IN.									
STANDARD LOADING									
LUMBER STRESS INCREASE: 25.0%									
PLATE STRESS INCREASE: 25.0%									
LOADING LIVE DEAD (PSF)									
TOP CHD	20.0	10.0							
BTM CHD	0.0	10.0							
TOTAL	20.0	20.0							
SUPPORT CRITERIA									
JT	TYPE	HORZ	VERT	WIDTH					
A	PIN	0	0	0					
N	HORZ RLR	0	0	0					
D	HORZ RLR	0	0	0					
LEFT RIGHT									
HEEL OIN - 4SX									
MEMBR CS1 P(LBS) @1ST @2ND									
TOP CHORDS									
A-J	0.34	1507	C	1507	-1542				
J-B	0.33	1440	C	1542	-1451				
B-Q	0.56	1261	C	1798	-3566				
Q-R	0.55	586	C	3566	-2591				
R-M	0.85	678	T	2591	-4757				
M-C	0.85	678	T	4757	-7				
BOTTOM CHORDS									
A-I	0.38	1577	T	555	-258				
I-E	0.42	1577	T	258	-852				
E-P	0.40	1243	T	852	-1114				
P-O	0.40	1261	T	1114	-804				
O-N	0.37	586	T	804	-1696				
N-D	0.26	113	C	744	-1				

Online Plus -- Version 18.0.006
RUN DATE: 9 - 2 - 05

Robbins Engineering, Inc./Online Plus" APPROX. TRUS



A-J	0.36	1498	T	397	-200
J-E	0.35	1498	T	200	-504
E-R	0.34	1284	T	504	-689
R-Q	0.38	1497	T	689	-686
Q-P	0.31	1141	T	686	-391
P-F	0.30	261	T	391	-1664

BOTTOM CHORDS	
A-K	0.29 1737 C 1518 -1179
K-B	0.28 1497 C 1179 -402
B-S	0.37 1497 C 1261 -2279
S-T	0.36 1141 C 2279 -1956
T-U	0.33 261 C 1956 -2144
U-O	0.53 1093 T 2144 -1714
O-V	0.46 1093 T 1714 -1087
V-C	0.17 92 C -383 2

JT	TYPE	HORZ	VERT	WIDTH
A	PIN	0	1255	4-0
F	HORZ RLR	0	2560	4-0
D	HORZ RLR	0	-407	3-8

```

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
ONE BRACE - S-O-T-P-U-F
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%
LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0
SUPPORT CRITERIA 40.0

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Online Plus -- Version 18.0.006
RUN DATE:  9-2-05

      CS1      SIZE  LUMBER      1.15FB
      TOP 0.53      2X 4 SP-#2      1720
      BTM 0.38      2X 4 SP-#2      1720
      WBS 0.79      2X 4 SP-#2      1720
      REPETITIVE MEMBER INCREASES:
      FB 15.0%      FT 0.0%      FC 0.0%

```

Scale: 0.150" = 1'

AL PLATES ARE LOCKED

Dimensions (Top Chord): 41-0-0, 20-10-2, 26-9-3, 32-8-4, 41-0-0

Dimensions (Bottom Chord): 41-0-0, 36-9-4, 32-8-4, 27-0-11, 21-1-10, 15-2-9, 9-0-0, 5-10-8, 20-0-0

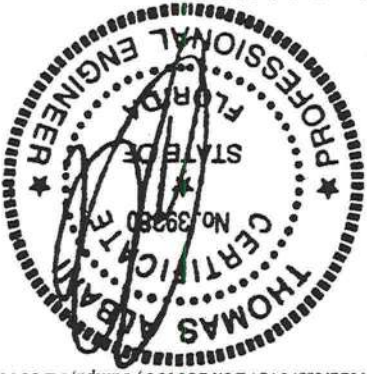
Material Specifications:

- W: 400
- R: 1255
- U: 640
- W: 400
- R: 185
- U: 407

Member Labels:

- Top Chord: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- Bottom Chord: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- Vertical Bracing: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- Diagonal Bracing: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

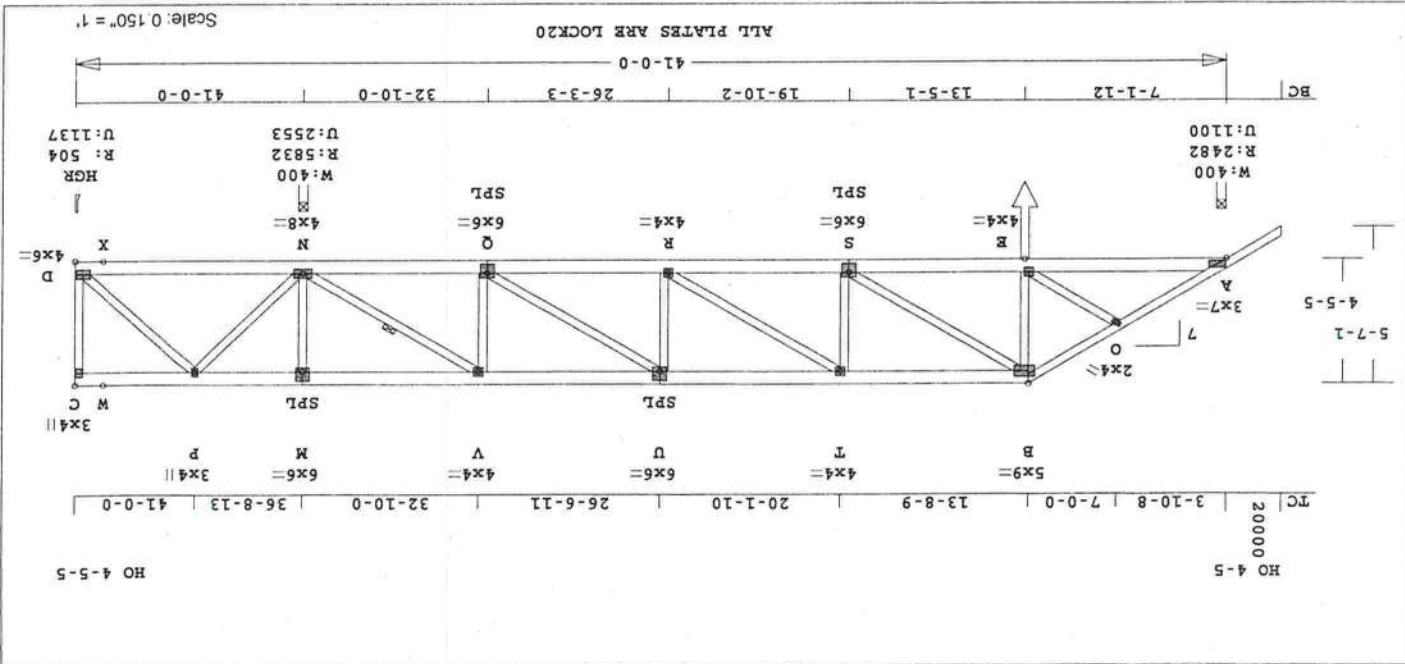
Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering	T05090143
HUDSON	A4	1	HHIP	410000	7	2 - 0 - 0	0		
U# J#HUDSON VEP HUDSON									



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

1. TRUSSES MANUFACTURED BY - MAYO TRUSS CO. INC.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 120 MPH MEAN ROOF HEIGHT - 15' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING.
4. IC DEAD LOAD = 5.0 PSF BC DEAD LOAD = 5.0 PSF
5. ALL BEARING LOCATIONS.
6. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 382 LBS.
7. FASTEN TRUSS TO BRG A FOR 640 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
8. FASTEN TRUSS TO BRG D FOR 407 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

Job	HUDSON	Mark	A5	Quan	1*2P	Type	HHIP	Span	410000	Pl-H1	7	Left OH	2 - 0 - 0	Right OH	0	Engineering	T05090143
U# J#HUDSON VEP HUDSON																	



Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

 ** 2-PLY TRUSS **

CSI SIZE LUMBER
 TOP 0.49 2X 6 SP-#2 1250
 BTM 0.38 2X 6 SP-#2 1250
 WBS 0.67 2X 4 SP-#2 1500
 EXCEPTIONS:
 A-0 2X 4 SP-#2 1500
 O-B SAME AS A-0

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 ONE BRACE - V-N
 TRUSS SPACING - 24.0 IN.

UNIFORM LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 UNI. LDG. LIVE DEAD (PSP)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 20.0
 TOTAL 20.0 20.0

GIRDER LOADING
 LUMBER STRESS INCREASE: 25.0%
 GRD. LDG. LIVE DEAD (PLF)
 TOP CHD 40.0 20.0
 BTM CHD 0.0 20.0
 TOTAL 40.0 40.0

EXCEPTIONS:
 B-W 90.0 45.0
 W-C 0.0 45.0
 E-X 0.0 45.0
 X-D 0.0 0.0

CONCENTRATED LOADS (LBS)
 E 280 (LIVE)
 E 279 (DEAD)
 SUPPORT CRITERIA
 JT TYPE
 A PIN
 N HORIZ RLR 0 5832 4-0
 D HORIZ RLR 0 -1137 3-8

MEMBER FORCES - EACH PLY
 MEMBER CSI P(LBS) MOIST M02ND
 TOP CHORDS
 A-0 0.20 2104 C 549 251
 O-B 0.21 2041 C -251 -937
 B-T 0.27 2391 C 521 -2932
 T-U 0.26 1961 C 2932 -2271

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 352.7 LBS
 REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.
 NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
 4. PREVENT TRUSS ROTATION AT
 ALL BEARING LOCATIONS.
 5. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 296 LBS.
 6. FASTEN TRUSS TO BRG A
 FOR 1100 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 7. FASTEN TRUSS TO BRG N
 FOR 2553 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 8. FASTEN TRUSS TO BRG D
 FOR 1137 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.

JT TYPE PLATE SIZE X Y
 A 2001 3.00 X 7.00 8.7 4.6
 B 5150 5.00 X 9.00 2.7 2.7
 C 4000 3.00 X 4.00 CTR CTR
 D 4010 4.00 X 6.00 CTR CTR
 E 1030 4.00 X 4.00 CTR CTR
 M 1102 6.00 X 6.00 CTR 4.0
 N 1070 4.00 X 8.00 CTR CTR
 O 1001 2.00 X 4.00 CTR CTR
 P 1010R 3.00 X 4.00 CTR CTR
 Q 1131 6.00 X 6.00 CTR 4.0
 R 1030 4.00 X 4.00 CTR CTR
 S 1131 6.00 X 6.00 CTR 4.0
 T 1050 4.00 X 4.00 CTR CTR
 U 1151 6.00 X 6.00 CTR 4.0
 V 1050 4.00 X 4.00 CTR CTR
 W 1050 4.00 X 4.00 CTR 2.1

PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339- 465 PLI PER PAIR
 SHEAR 784- 506 PLI PER PAIR

R = PLATE IS ROTATED BY 90 DEG
 REVISED BY:
 Robbins Engineering, Inc.
 PO Box 280055



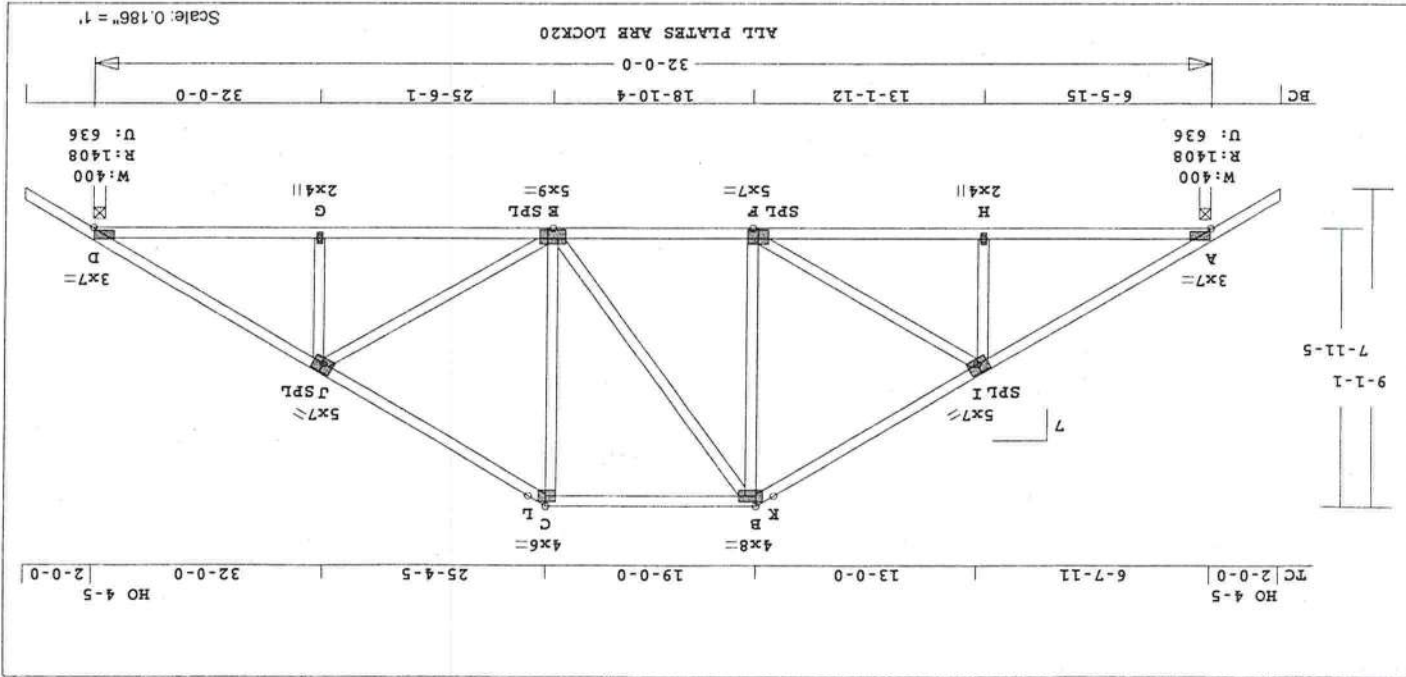
Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 9/2/2005

Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	A5	Quan Type Span P1-H1 Left OH Right OH
		1*2P HHIP 410000 7 2-0-0 0
		Engineering T05090143

9. GIRDER CONDITION:
 HALF HIP GIRDER WITH
 KING-JACKS.
 OPEN FACE COMMON JACKS.
 GIRDER SETBACK 7.00 ft.
 10. 2 COMPLETE TRUSSES REQUIRED.
 FASTEN TRUSSES TOGETHER W/
 10d NAILS AS EACH LAYER IS
 APPLIED, STAGGERED AS FOLLOWS
 MEMBER ROWS SPACING(IN)
 TOP CHD 2 12.0
 BTM CHD 2 12.0
 WEBS 1 4.0
 PLUS CLUSTERS OF NAILS IF
 SHOWN.

Job	HUDSON	Mark	B1	Quan	1	Type	HIP	Span	320000	Pl-HI	7	Left OH	2 - 0 - 0	Right OH	2 - 0 - 0	Engineering	T05090143
U# J#HUDSON VEP HUDSON																	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 224.3 LBS

F-B = 392 T B-E = 252 C 3. WIND LOADS - ANSI/ASCE 7-98

E-C = 392 T E-J = 521 C

G-J = 125 T

Online Plus -- Version 18.0.006

RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB

TOP 0.46 2X 4 SP-#2 1720

BTM 0.44 2X 4 SP-#2 1720

WBS 0.49 2X 4 SP-#2 1720

REPELITIVE MEMBER INCREASES:

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339- 465 PLI PER PAIR

SHEAR 784- 506 PLI PER PAIR

LATERAL BRACING:

TOP CHORD - CONTINUOUS

TRUSS CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 20.0

SUPPORT CRITERIA

JT REACT WIDTH JT REACT WIDTH

LBS IN-SX

A 1408 4- 0 D 1408 4- 0

LEFT RIGHT

HEEL 0 IN - 4SX 0 IN - 4SX

MEMBR CSI P (LBS) M@1ST M@2ND

TOP CHORDS

A-I 0.46 2012 C 1734 -2550

I-K 0.44 1512 C 2550 -602

K-B 0.27 1414 C 602 -1430

B-C 0.29 1294 C 1790 -1793

C-L 0.25 1415 C 1433 -604

L-J 0.44 1512 C 604 -2549

J-D 0.46 2012 C 2549 -1734

BOTTOM CHORDS

A-H 0.42 1742 T 570 -630

H-F 0.44 1742 T 630 -777

F-E 0.36 1293 T 777 -782

E-G 0.44 1742 T 782 -629

G-D 0.42 1742 T 629 -570

WEBS

H-I = 125 T I-F = 521 C

REVISED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

4. ANCHOR TRUSS FOR A TOTAL

HORIZONTAL LOAD OF 443 LBS.

5. FASTEN TRUSS TO BRG A

FOR 636 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

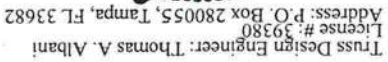
6. FASTEN TRUSS TO BRG D

FOR 636 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

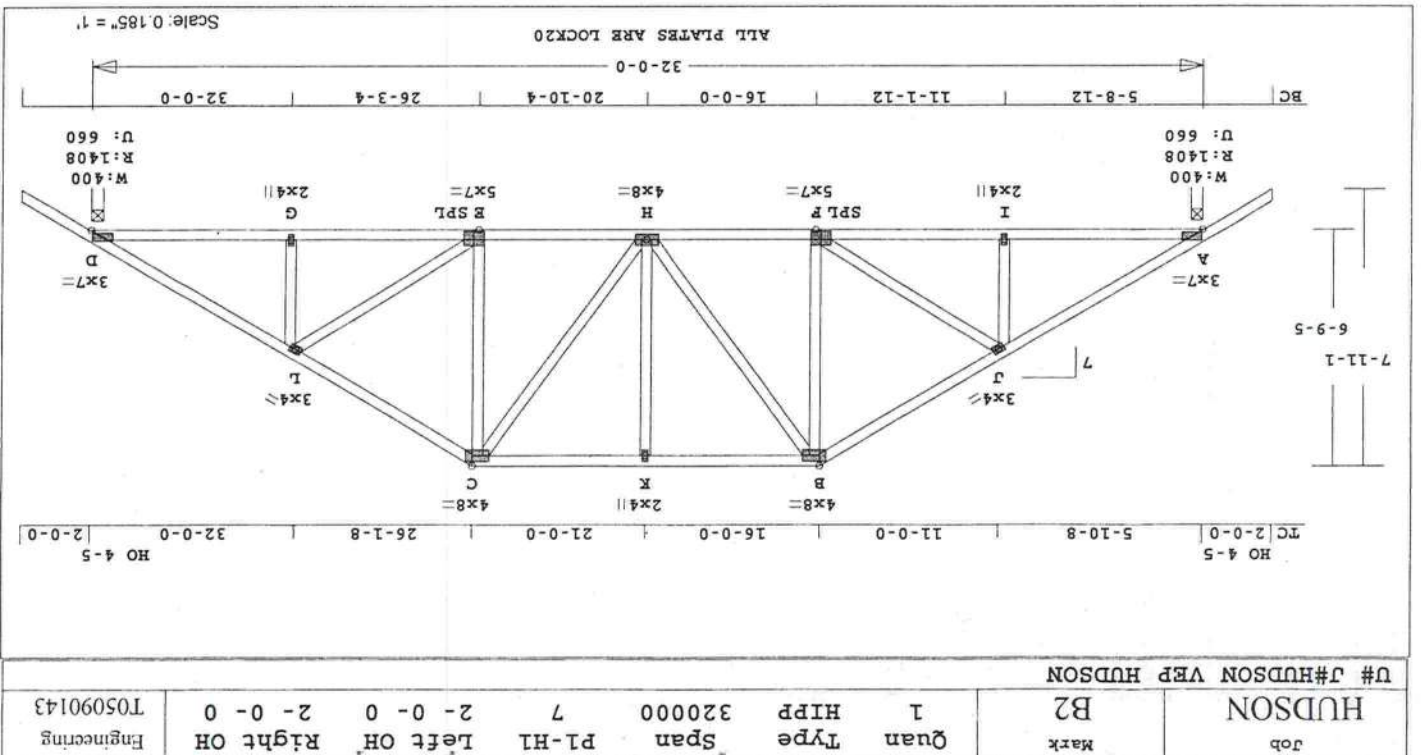


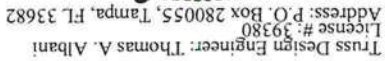


REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

JT	TYPE	PLATE	SIZE	X	Y
A	2001	3.00	X	7.00	5.3
B	5150	4.00	X	8.00	2.2
C	5150	4.00	X	8.00	2.2
D	2001	3.00	X	7.00	5.3
E	1151	5.00	X	7.00	5.3
F	1131	5.00	X	7.00	3.0
G	1001	2.00	X	4.00	CTR
H	1070	4.00	X	8.00	CTR
I	1001	2.00	X	4.00	CTR
J	1050	3.00	X	4.00	CTR
K	1001	2.00	X	4.00	CTR
L	1050	3.00	X	4.00	CTR

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 383 LBS.
5. FASTEN TRUSS TO BRG A
FOR 660 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALT OR BRG.
6. FASTEN TRUSS TO BRG D
FOR 660 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALT OR BRG.





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

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

UT	TYPE	PLATE	SIZE	X	Y
A	2001	3.00	X	7.00	5.3
B	5150	4.00	X	8.00	2.2
C	5150	4.00	X	8.00	2.2
D	2001	3.00	X	7.00	5.3
E	1151	5.00	X	7.00	3.0
F	1131	5.00	X	7.00	3.0
G	1001	2.00	X	4.00	CTR
H	1070	4.00	X	8.00	CTR
I	1001	2.00	X	4.00	CTR
J	1050	3.00	X	4.00	CTR
K	1001	2.00	X	4.00	CTR
L	1050	3.00	X	4.00	CTR

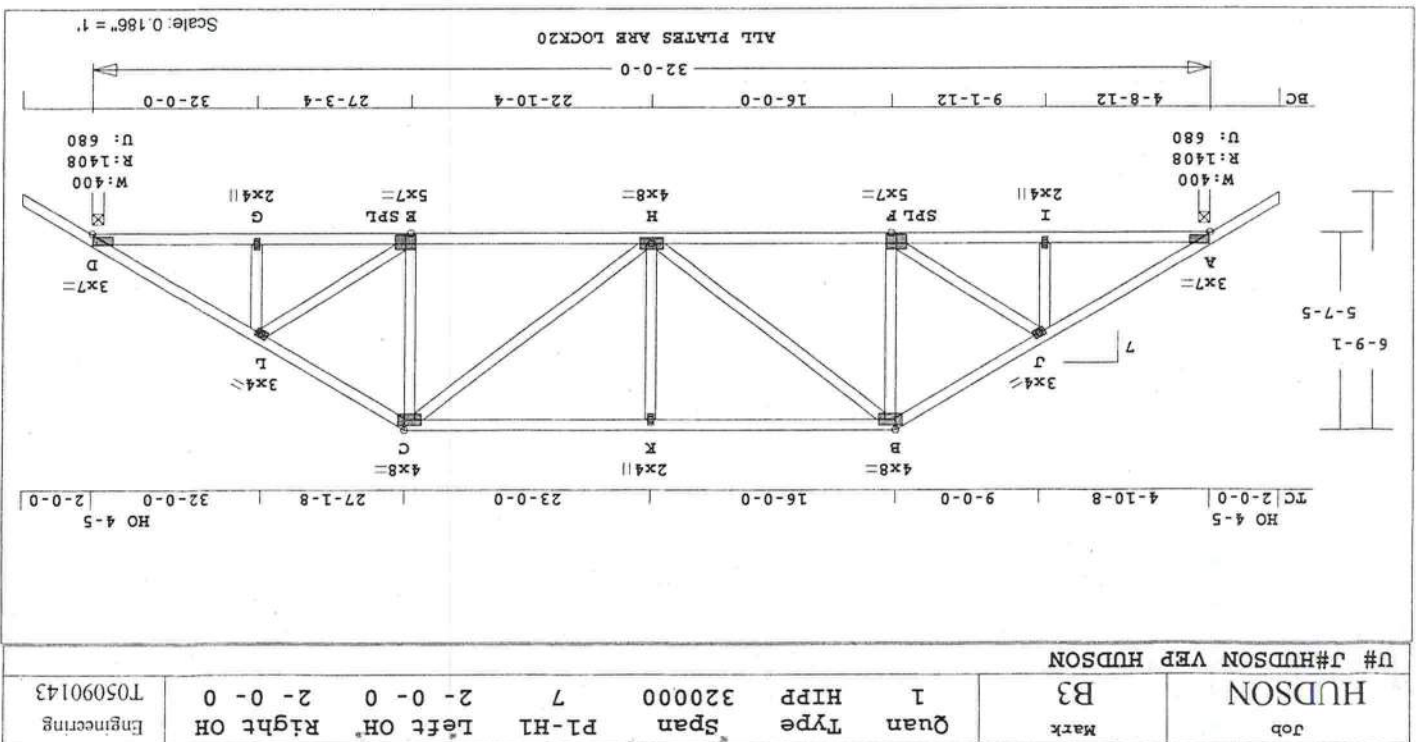
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%
LOADING
LIVE DEAD
(PSF)
TOP CHD
BTM CHD
TOTAL
SUPPORT CRITERIA
JT REACT WIDTH
LBS IN-SX
A 1408 4 - 0 D 1408 4 - 0
RIGHT LEFT
HEEL OIN - 4SX OIN - 4SX

CS1	SIZE LUMBER	1.15FB
TOP	0.52	2X 4 SP-#2
BLT	0.48	2X 4 SP-#2
WBS	0.49	2X 4 SP-#2
REPETITIVE MEMBER INCREASES:		
FB	15.0%	FL 0.0% FC 0.0%
LATERAL BRACING:		
TOP CHORD - CONTINUOUS		

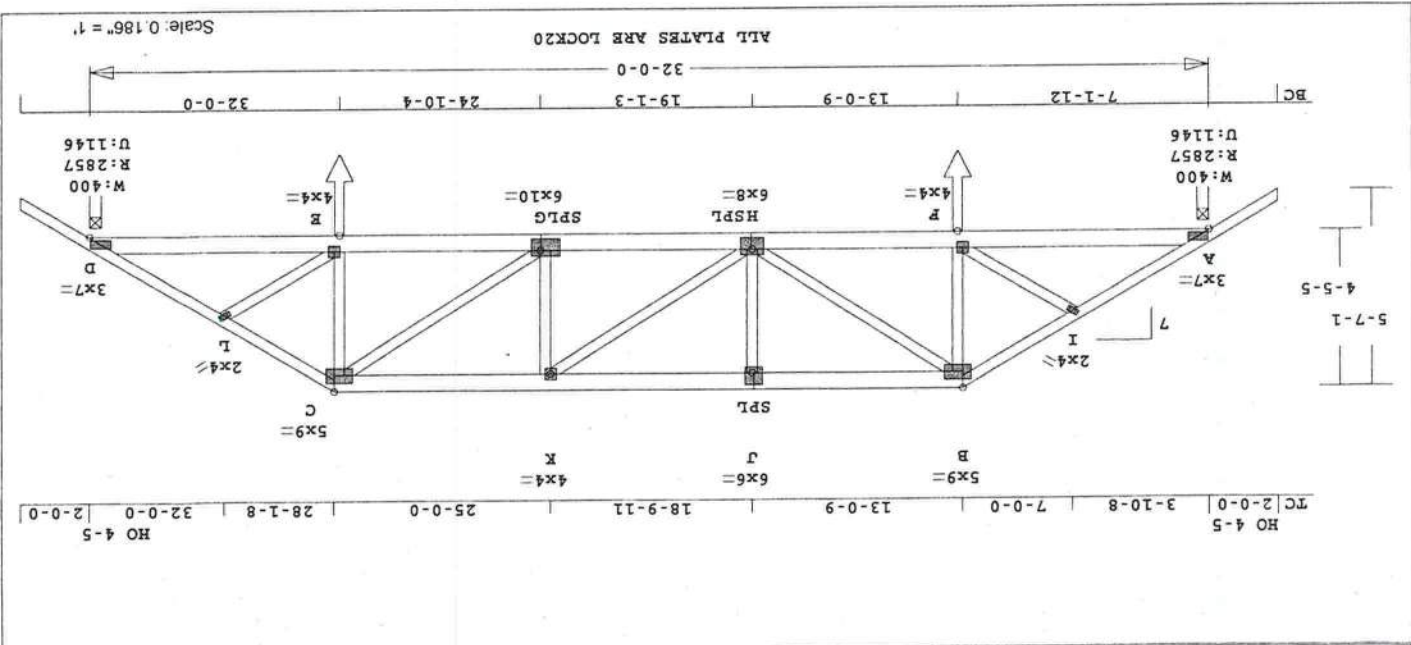
Online Plus -- Version 18.0.006
RUN DATE: 9 - 2-05

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 324 LBS.
5. FASTEN TRUSS TO BRG A
FOR 680 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG D
FOR 680 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	B4	1*2P	HIPP	320000	7	2-0-0	2-0-0	T05090143



Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

 * 2-PLY TRUSS *

CSI SIZE LUMBER

TOP	0.26	2X 4 SP-#2	1500
BTM	0.46	2X 6 SP-#2	1250
WBS	0.39	2X 4 SP-#2	1500

EXCEPTIONS:

B-J	2X 6 SP-#2	1250
J-K	K-C H-G SAME AS B-J	
G-E	E-D SAME AS B-J	

LATERAL BRACING:

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

UNIFORM LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

UNI. LDG. LIVE DEAD (PSF)

TOP CHD	20.0	10.0
BTM CHD	0.0	10.0
TOTAL	20.0	20.0

GIRDER LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

GRD. LDG. LIVE DEAD (PLF)

TOP CHD	40.0	20.0
BTM CHD	0.0	20.0
TOTAL	40.0	40.0

REPORT: NBR 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

TENSION 1339-465 PLI PER PAIR

INCLUDES 25.0% INCREASE

784-506 PLI PER PAIR

SHEAR

UT TYPE PLATE SIZE X

A	2001	3.00	X	7.00	8.7	4.6
B	5150	5.00	X	9.00	2.7	2.7
C	5150	5.00	X	9.00	2.7	2.7
D	2001	3.00	X	7.00	8.7	4.6
E	1050	4.00	X	4.00	CTR	CTR
F	1030	4.00	X	4.00	CTR	CTR
G	1150	6.00	X	10.00	CTR	4.0
H	1170	6.00	X	8.00	CTR	4.0
I	1001	2.00	X	4.00	CTR	CTR
J	1191	6.00	X	6.00	3.0	4.0
K	1030	4.00	X	4.00	CTR	CTR
L	1001	2.00	X	4.00	CTR	CTR

REVIEWED BY:

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

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

NOTES:

1. TRUSSES MANUFACTURED BY
 Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

MEMBER FORCES - EACH PLY

MEMBER CSI P(LBS) M@1ST M@2ND

A-I	0.25	2464	C	629	302
I-B	0.23	2402	C	-302	-849
B-J	0.25	2969	C	639	-2162
J-K	0.24	2969	C	2162	-2222
K-C	0.24	2971	C	2222	-638

HEEL 0IN - 4SX

RIGHT

LEFT

A 2857 4-0 D 2857 4-0

LBS IN-SX

JT REACT WIDTH

JT REACT WIDTH

SUPPORT CRITERIA

E	279	(DEAD)
F	280	(LIVE)
F	279	(DEAD)
F	280	(LIVE)

CONCENTRATED LOADS (LBS)

F-E	0.0	45.0
B-C	90.0	45.0

EXCEPTIONS:

TOTAL	40.0	40.0
BTM CHD	0.0	20.0
TOP CHD	40.0	20.0

GRD. LDG. LIVE DEAD (PLF)

PLATE STRESS INCREASE: 25.0%

LUMBER STRESS INCREASE: 25.0%



3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

4. PREVENT TRUSS ROTATION AT

ALL BEARING LOCATIONS.

5. ANCHOR TRUSS FOR A TOTAL

HORIZONTAL LOAD OF 258 LBS.

6. FASTEN TRUSS TO BRG A

FOR 1146 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

7. FASTEN TRUSS TO BRG D

FOR 1146 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

8. GIRDER CONDITION:

STEP DOWN HIP GIRDER WITH

KING-JACKS.

OPEN FACE COMMON JACKS.

GIRDER SETBACK 7.00 FT.

9. 2 COMPLETE TRUSSES REQUIRED.

FASTEN TRUSSES TOGETHER W/

10d NAILS AS EACH LAYER IS

APPLIED, STAGGERED AS FOLLOWS

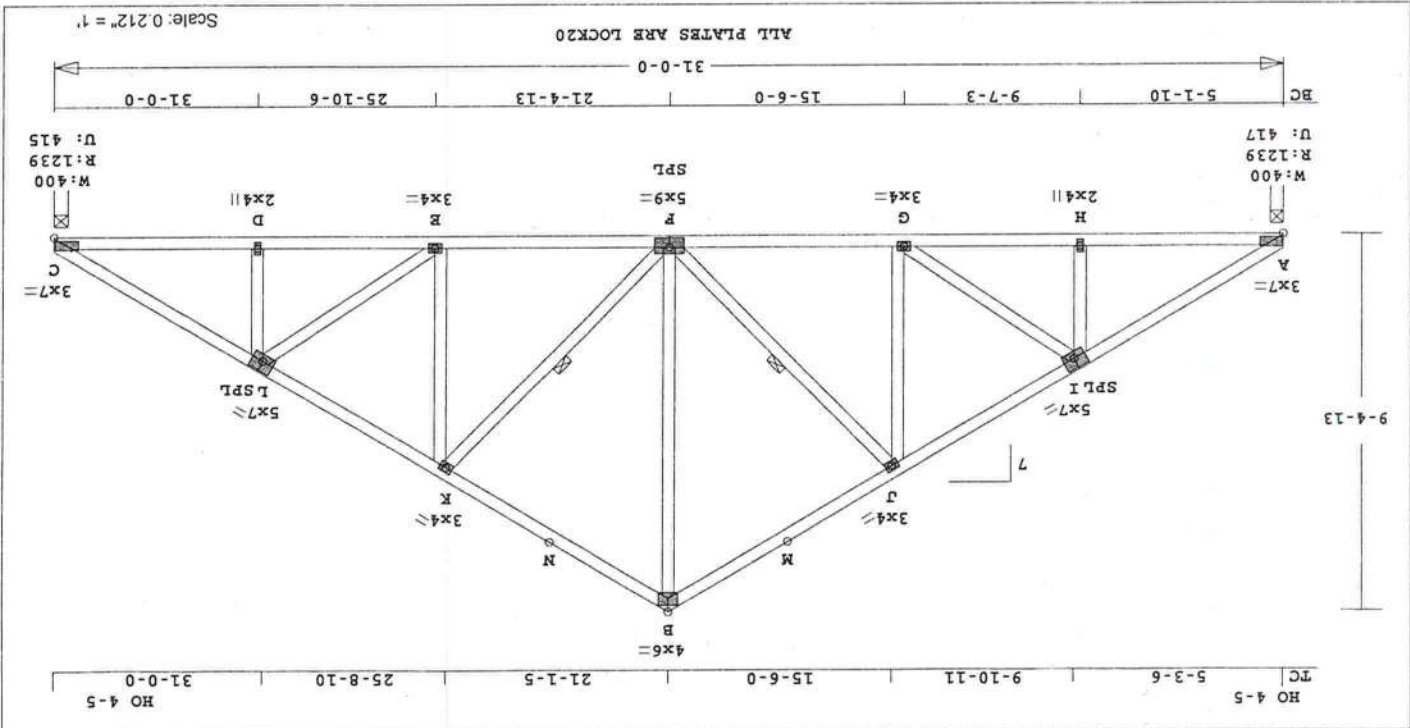
MEMBER ROWS SPACING (IN)

TOP CHD	2	12.0
BTM CHD	2	12.0
WEBS	1	4.0

PLUS CLUSTERS OF NAILS IF

SHOWN.

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
HUDSON	C1	5	TR	310000	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 223.7 LBS

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

4. ANCHOR TRUSS FOR A TOTAL

HORIZONTAL LOAD OF 453 LBS.

5. FASTEN TRUSS TO BRG A

FOR 417 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

6. FASTEN TRUSS TO BRG C

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

7. FASTEN TRUSS TO BRG D

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

8. FASTEN TRUSS TO BRG E

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

9. FASTEN TRUSS TO BRG F

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

10. FASTEN TRUSS TO BRG G

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

11. FASTEN TRUSS TO BRG H

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

12. FASTEN TRUSS TO BRG I

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

13. FASTEN TRUSS TO BRG J

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

14. FASTEN TRUSS TO BRG K

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

15. FASTEN TRUSS TO BRG L

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

16. FASTEN TRUSS TO BRG M

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

17. FASTEN TRUSS TO BRG N

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

18. FASTEN TRUSS TO BRG O

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

19. FASTEN TRUSS TO BRG P

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

20. FASTEN TRUSS TO BRG Q

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

21. FASTEN TRUSS TO BRG R

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

22. FASTEN TRUSS TO BRG S

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

23. FASTEN TRUSS TO BRG T

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

24. FASTEN TRUSS TO BRG U

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

25. FASTEN TRUSS TO BRG V

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

26. FASTEN TRUSS TO BRG W

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

27. FASTEN TRUSS TO BRG X

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

28. FASTEN TRUSS TO BRG Y

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

29. FASTEN TRUSS TO BRG Z

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

30. FASTEN TRUSS TO BRG AA

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

31. FASTEN TRUSS TO BRG AB

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

32. FASTEN TRUSS TO BRG AC

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

33. FASTEN TRUSS TO BRG AD

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

34. FASTEN TRUSS TO BRG AE

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

35. FASTEN TRUSS TO BRG AF

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

36. FASTEN TRUSS TO BRG AG

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

37. FASTEN TRUSS TO BRG AH

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

38. FASTEN TRUSS TO BRG AI

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

39. FASTEN TRUSS TO BRG AJ

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

40. FASTEN TRUSS TO BRG AK

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

41. FASTEN TRUSS TO BRG AL

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

42. FASTEN TRUSS TO BRG AM

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

43. FASTEN TRUSS TO BRG AN

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

44. FASTEN TRUSS TO BRG AO

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

45. FASTEN TRUSS TO BRG AP

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

46. FASTEN TRUSS TO BRG AQ

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

47. FASTEN TRUSS TO BRG AR

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

48. FASTEN TRUSS TO BRG AS

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

49. FASTEN TRUSS TO BRG AT

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

50. FASTEN TRUSS TO BRG AU

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

51. FASTEN TRUSS TO BRG AV

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

52. FASTEN TRUSS TO BRG AW

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

53. FASTEN TRUSS TO BRG AX

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

54. FASTEN TRUSS TO BRG AY

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

55. FASTEN TRUSS TO BRG AZ

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

56. FASTEN TRUSS TO BRG BA

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

57. FASTEN TRUSS TO BRG BB

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

58. FASTEN TRUSS TO BRG BC

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

59. FASTEN TRUSS TO BRG BD

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

60. FASTEN TRUSS TO BRG BE

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

61. FASTEN TRUSS TO BRG BF

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

62. FASTEN TRUSS TO BRG BG

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

63. FASTEN TRUSS TO BRG BH

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

64. FASTEN TRUSS TO BRG BI

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

65. FASTEN TRUSS TO BRG BJ

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

66. FASTEN TRUSS TO BRG BK

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

67. FASTEN TRUSS TO BRG BL

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

68. FASTEN TRUSS TO BRG BM

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

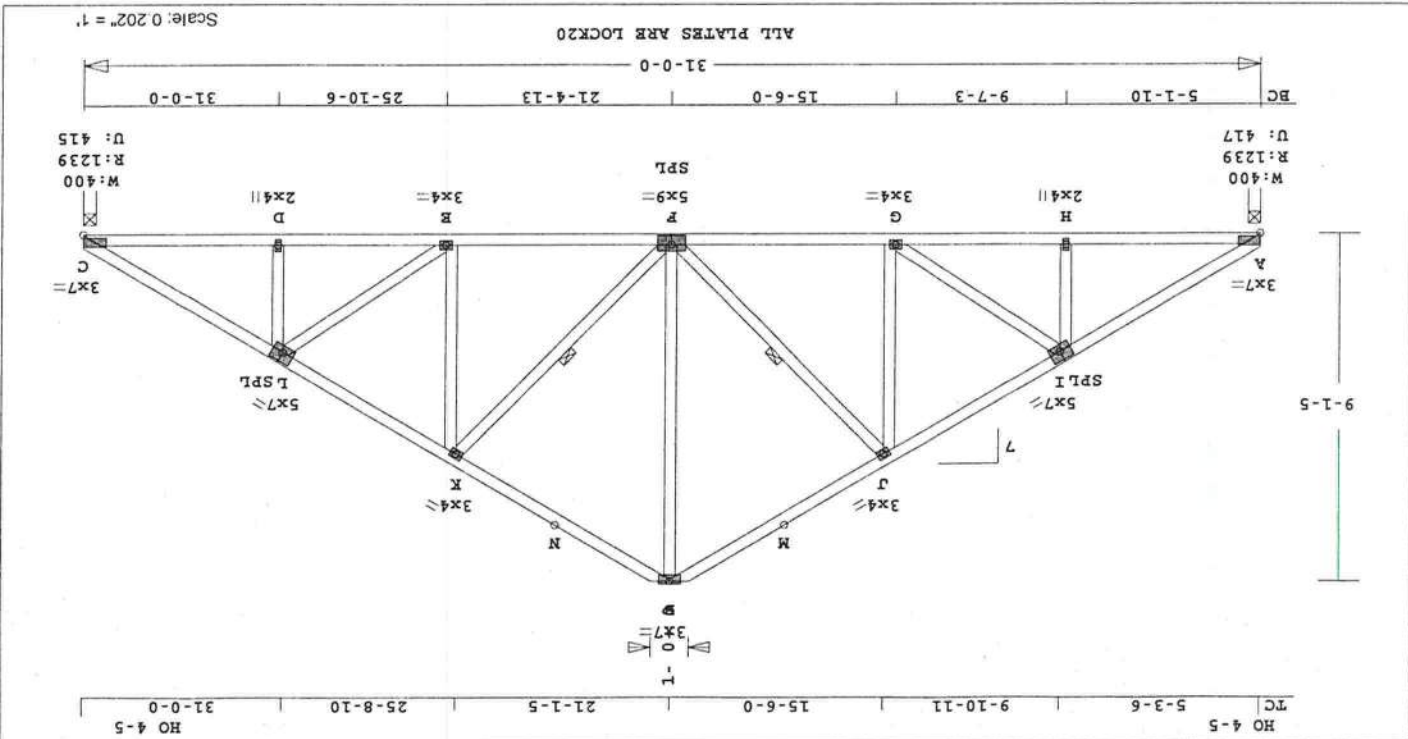
MOVEMENT OF WALL OR BRG.

69. FASTEN TRUSS TO BRG BN

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

Job	HUDSON	Mark	C2	Quan	2	Type	TR	Span	310000	Pl-H1	7	Left OH	0	Right OH	0	Engineering	T05090143
-----	--------	------	----	------	---	------	----	------	--------	-------	---	---------	---	----------	---	-------------	-----------



Online plus -- Version 18.0.006
 RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB

TOP 0.32 2X 4 SP-#2 1720

BTM 0.43 2X 4 SP-#2 1720

WBS 0.42 2X 4 SP-#2 1720

REPEITIVE MEMBER INCREASES:

FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

ONE BRACE - J-F F-K

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0

BTM CHD 0.0

TOTAL 20.0

SUPPORT CRITERIA

JT REACT WIDTH

LBS IN-SX

A 1239 4-0 C

LEFT

RIGHT

HEEL 0IN - 4SX

MEMBR CSI P(LBS) M@1ST M@2ND

TOP CHORDS

A-I 0.27 1980 C 1525 -903

I-J 0.32 1663 C 903 -1724

J-M 0.30 1270 C 1724 1262

M-B 0.25 1184 C -1262 -1531

B-N 0.25 1184 C 1531 1262

N-K 0.30 1270 C -1262 -1724

K-L 0.32 1663 C 1724 -903

L-C 0.27 1980 C 903 -1525

BOTTOM CHORDS

A-H 0.43 1706 T 769 -42

H-G 0.39 1706 T 42 -521

G-F 0.37 1443 T 521 -707

F-E 0.37 1443 T 707 -521

E-D 0.39 1706 T 521 -42

Robbins Engineering, Inc./Online plus" APPROX. TRUSS WEIGHT: 223.1 LBS

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

4. ANCHOR TRUSS FOR A TOTAL

HORIZONTAL LOAD OF 453 LBS.

5. FASTEN TRUSS TO BRG A

FOR 417 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

6. FASTEN TRUSS TO BRG C

FOR 415 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

7. PLATING CONFORMS TO TPI.

REPORT: MER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

JT TYPE PLATE SIZE

A 2001 3.00 X 7.00 5.3 2.6

B 3096R 3.00 X 7.00 3.5 1.5

C 2001 3.00 X 7.00 5.3 2.6

D 1001 2.00 X 4.00 CTR CTR

E 1050 3.00 X 4.00 CTR CTR

F 1170 5.00 X 9.00 CTR CTR

G 1030 3.00 X 4.00 CTR CTR

H 1001 2.00 X 4.00 CTR CTR

I 1151 5.00 X 7.00 CTR CTR

J 1050 3.00 X 4.00 CTR CTR

K 1050 3.00 X 4.00 CTR CTR

L 1151 5.00 X 7.00 CTR CTR

M 1151 5.00 X 7.00 CTR CTR

N 1151 5.00 X 7.00 CTR CTR

R = PLATE IS ROTATED BY 90 DEG

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

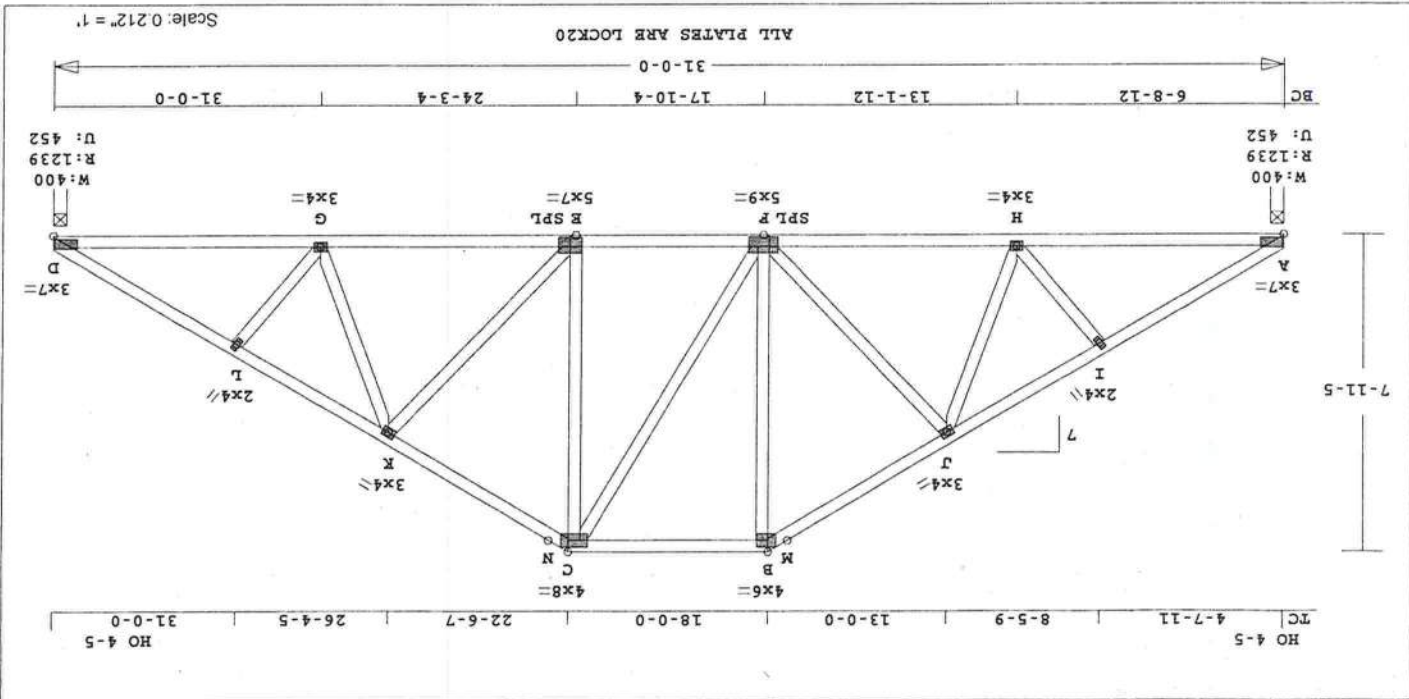
Robbins Engineering, Inc./Online Plus" © 1996-2005 Version 18.0 006 Engineering - Portrait 9/2/2005 8:08:19 AM Page 1



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

Date Sealed: 9/2/2005

Job	HUDSON	Mark	C3	Quan	2	Type	HIPP	Span	310000	Pl-H1	7	Left OH	0	Right OH	0	Engineering	T05090143
U# J#HUDSON VEP HUDSON																	

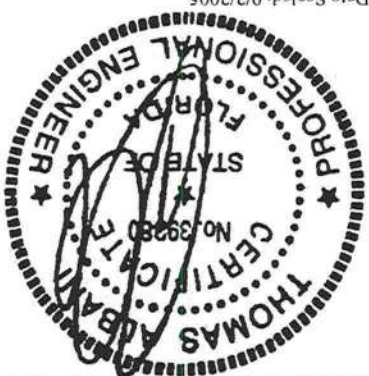


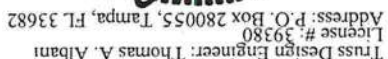
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 225.2 LBS
 Online Plus -- Version 18.0.006 I-H = 216 T H-J = 285 T J-F = 426 C F-B = 428 T F-C = 234 T E-C = 428 T E-K = 427 C K-G = 285 T G-L = 214 T
 DL+LL DEFL = 0.17" IN B-C
 TL DEFL = 0.08" > BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 999
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR
 JT TYPE PLATE SIZE X Y
 A 2001 3.00 X 7.00 5.3 2.6
 B 5101 4.00 X 6.00 2.2 2.6
 C 5150 4.00 X 8.00 2.2 2.6
 D 2001 3.00 X 7.00 5.3 2.6
 E 1151 5.00 X 7.00 3.0 3.0
 F 1170 5.00 X 9.00 3.0 3.0
 G 1010 3.00 X 4.00 CTR CTR
 H 1010 3.00 X 4.00 CTR CTR
 I 1001 2.00 X 4.00 CTR CTR
 J 1010 3.00 X 4.00 CTR CTR
 K 1010 3.00 X 4.00 CTR CTR
 L 1001 2.00 X 4.00 CTR CTR
 M N

CS1 SIZE LUMBER 1.15FB
 TOP 0.25 2X 4 SP-#2 1720
 BTM 0.46 2X 4 SP-#2 1720
 WBS 0.32 2X 4 SP-#2 1720
 REPEATITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%
 LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.
 STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 JT REACT WIDTH JT REACT WIDTH
 LBS IN-SX D 1239 4-0
 A 1239 4-0
 LEFT
 RIGHT
 HEEL 0IN - 4SX 0IN - 4SX
 MEMBER CSI P (LBS) M@1ST M@2ND
 TOP CHORDS
 A-I 0.25 1987 C 1379 -560
 I-J 0.25 1842 C 560 -1126
 J-M 0.23 1419 C 1126 -186
 M-B 0.17 1352 C 186 -757
 B-C 0.19 1217 C 1074 -1053
 C-N 0.18 1351 C 734 -166
 N-K 0.23 1418 C 165 -113
 K-L 0.25 1843 C 1133 -558
 L-D 0.25 1987 C 558 -1382
 BOTTOM CHORDS
 A-H 0.46 1709 T 926 -579
 H-F 0.38 1504 T 654 -618
 F-E 0.32 1217 T 618 -589
 E-G 0.37 1504 T 618 -589
 REVISED BY:
 Robbns Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682
 REFER TO ROBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

1. TRUSSES MANUFACTURED BY -
 2. EMPERICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
 4. ANCHOR TRUSS FOR A TOTAL
 5. FASTEN TRUSS TO BRG A
 6. FASTEN TRUSS TO BRG D
- MOVEMENT OF WALL OR BRG.
 WHILE PERMITTING NO UPWARD
 FOR 452 LBS OF UPLIFT,
 FOR 452 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 FOR 452 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.

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





Robbins Engineering, Inc./Online Plus - APPROX. TRUSS

H-B =	319 T	B-G =	291 C
G-K =	234 C	G-C =	220 C
F-C =	319 T	F-L =	427 C
E-L =	83 T		

DL+LT DEFL = 0.22" IN C-L
LT DEFL = 0.10" < BRG-SPAN/240
SPAN/DEFL (DL+LT) = 999

PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR

JT TYPE PLATE SIZE X X
A 2001 3.00 X 7.00 5.3 2.6
B 5150 4.00 X 8.00 2.2 CTR
C 5150 4.00 X 8.00 2.2 CTR
D 2001 3.00 X 7.00 5.3 2.6
E 1001 2.00 X 4.00 CTR
F 1050 3.00 X 4.00 CTR
G 1170 5.00 X 9.00 CTR 3.0
H 1030 3.00 X 4.00 CTR
I 1001 2.00 X 4.00 CTR
J 1050 3.00 X 4.00 CTR
K 1001 2.00 X 4.00 CTR
L 1050 3.00 X 4.00 CTR

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

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

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

CS1 SIZE LUMBER 1.15FB
TOP 0.37 2X 4 SP-#2 1720
BTM 0.47 2X 4 SP-#2 1720
WBS 0.31 2X 4 SP-#2 1720

REPETITIVE MEMBER INCREASES:
FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0 40.0

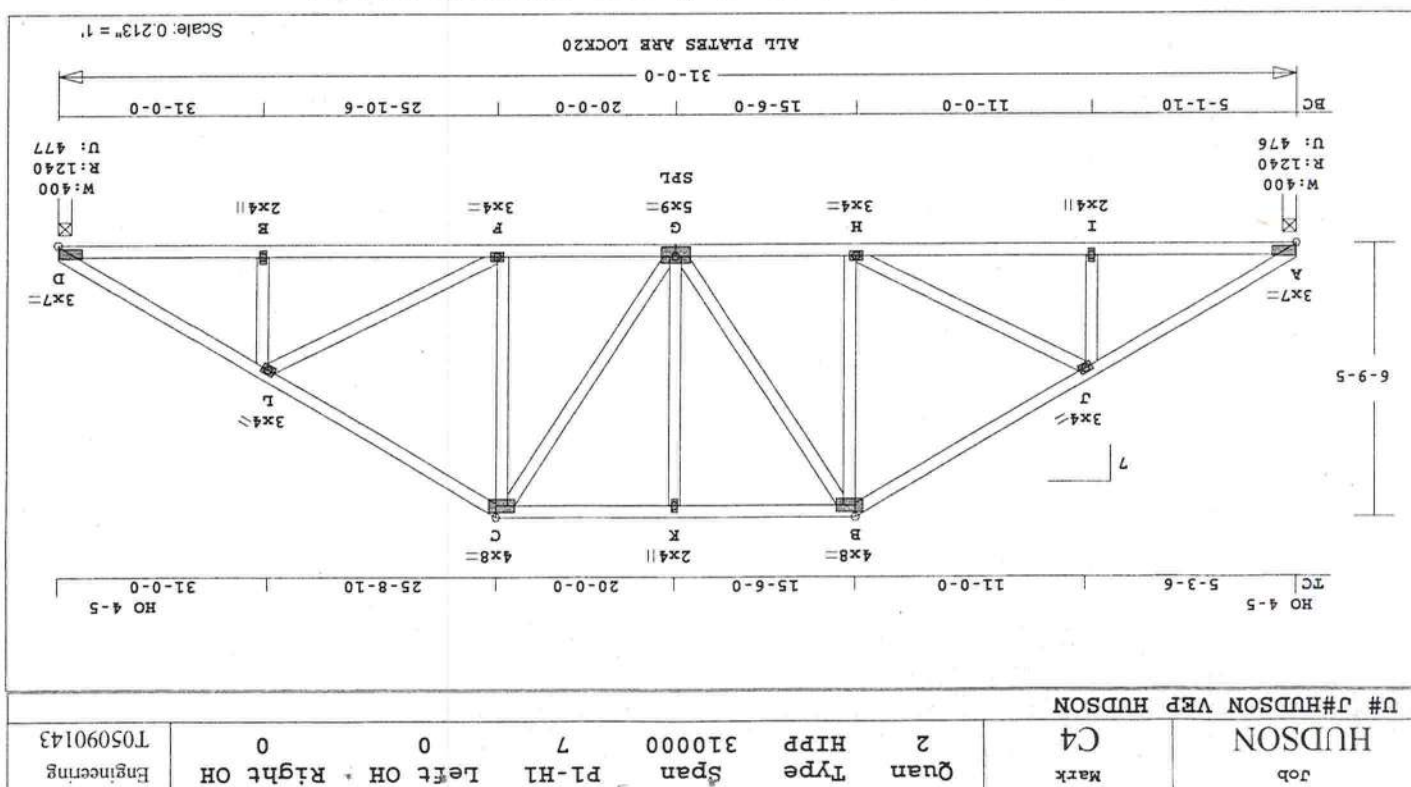
SUPPORT CRITERIA
JT REACT WIDTH JT REACT WIDTH
LBS IN-SX LBS IN-SX
A 1240 4-0 D 1240 4-0
LEFT RIGHT
HEEL 0IN - 4SX 0IN - 4SX
MEMBR CS1 P(LBS) @1ST @2ND

TOP CHORDS
A-J 0.37 2002 C 1378 -1748
J-B 0.35 1573 C 1748 -917
B-K 0.27 1463 C 1608 -784
K-C 0.27 1463 C 1608 -784
C-L 0.35 1573 C 917 -1748
L-D 0.37 2002 C 1748 -1378

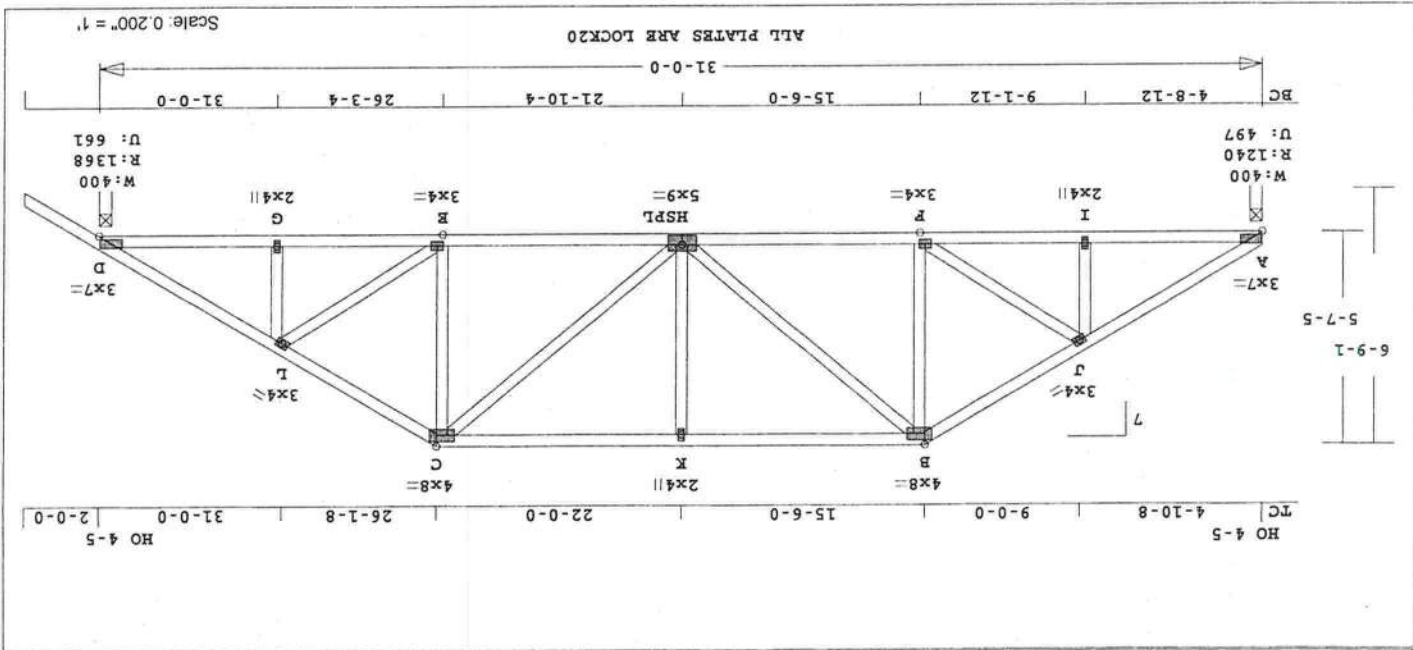
BOTTOM CHORDS
A-I 0.47 1732 T 1003 -149
I-H 0.43 1732 T 149 -726
H-G 0.36 1354 T 726 -146
G-F 0.36 1354 T 146 -726
F-E 0.43 1732 T 726 -149
E-D 0.47 1732 T 149 -1003

WBS
83 T J-H = 427 C

I-J =



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	C5	1	HIPP	310000	7	0	2 - 0 - 0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 213.8 LBS

H-K = 407 C H-C = 438 T E-L = 289 C
 E-C = 284 T E-L = 289 C
 G-L = 51 T
 Online Plus -- Version 18.0.006 RUN DATE: 9 - 2 - 05

CSI SIZE LUMBER 1.15FB
 TOP 0.44 2X 4 SP-#2 1720
 BTM 0.46 2X 4 SP-#2 1720
 WBS 0.41 2X 4 SP-#2 1720
 REPEITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0

SUPPORT CRITERIA
 JT REACT WIDTH 40.0
 LBS IN-SX 1368 4-0 D

MEMBR CSI P (LBS) M@1ST M@2ND
 LEFT 4SX 0IN - 4SX
 RIGHT 4SX 0IN - 4SX

REVISED BY:

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

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

NOTES:
 1. TRUSSES MANUFACTURED BY
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.

A-J 0.26 1996 C 1382 -875
 J-B 0.25 1715 C 875 -506
 B-K 0.44 1823 C 1812 -2652
 K-C 0.44 1823 C 2652 -1812
 C-L 0.25 1715 C 506 -875
 L-D 0.26 1996 C 875 -1382
 BOTTOM CHORDS
 A-I 0.46 1719 T 958 187
 I-F 0.43 1719 T -187 -718
 F-H 0.39 1478 T 718 -787
 H-E 0.39 1478 T 787 -718
 E-G 0.43 1719 T 187
 G-D 0.46 1719 T -187 -958
 I-J = 61 T J-F = 289 C
 F-B = 284 T B-H = 438 T

3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
 4. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 300 LBS.
 5. FASTEN TRUSS TO BRG A
 FOR 497 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 6. FASTEN TRUSS TO BRG D
 FOR 661 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.



Date Scaled: 9/2/2005



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

Date Sealed: 9/2/2005

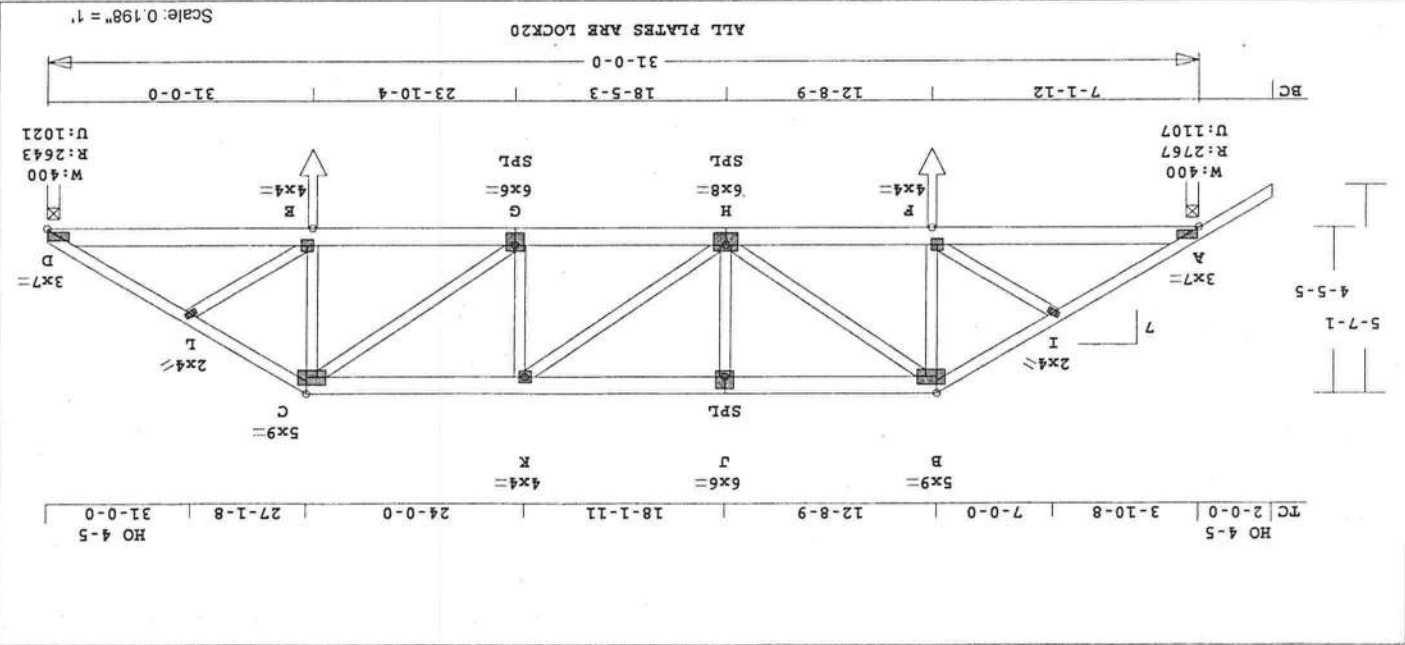
* 2-PLY TRUSS *									

Run DATE: 9-2-05									
Online Plus -- Version 18.0.00									

LATERAL BRACING:									
TOP CHORD - CONTINUOUS									
BTM CHORD - CONTINUOUS									
TRUSS SPACING - 24.0 IN.									
UNIFORM LOADING									
LUMBER STRESS INCREASE: 25.0%									
PLATE STRESS INCREASE: 25.0%									
UNI. LDG. LIVE DEAD (PSF)									
TOP CHD		20.0		10.0					
BTM CHD		0.0		10.0					
TOTAL		20.0		20.0		40.0			
GIRDER LOADING									
LUMBER STRESS INCREASE: 25.0%									
PLATE STRESS INCREASE: 25.0%									
GRD. LDG. LIVE DEAD (PLF)									
TOP CHD		40.0		20.0					
BTM CHD		0.0		20.0					
TOTAL		40.0		40.0		80.0			
CONCENTRATED LOADS (LBS)									
F-E		0.0		45.0					
B-C		90.0		45.0					
SUPPORT CRITERIA									
E		279		(DEAD)					
F		280		(LIVE)					
F		279		(DEAD)					
F		280		(LIVE)					
UT REACT WIDTH									
LBS		IN-SX		D		2643		4-0	
A		2767		4-0		D		2643 4-0	
RIGHT									
HEEL		01N		- 4SX		01N		- 4SX	
MEMBER FORCES - EACH PLY									
MEMBER CSI P(LBS) M@1ST M@2ND									
TOP CHORDS									
A-I		0.25		2377		C		592 270	
I-B		0.23		2313		C		-270 -815	
B-J		0.22		2797		C		520 -1902	
J-K		0.22		2797		C		1902 -1965	
K-C		0.22		2800		C		1965 -519	

C-L	0.23	2313	C	809	267
L-D	0.25	2376	C	-267	-589
BOTTOM CHORDS					
A-F	0.31	2043	T	144	-74
F-H	0.34	2011	T	74	-346
H-G	0.43	2800	T	346	-413
G-E	0.34	2011	T	413	-59
E-D	0.32	2043	T	59	-146
MEMBS					
I-F	83	C	P-B		394
B-H	948	T	H-J		398
H-K	48	T	G-K		399
G-C	952	T	E-C		393
E-L	78	T			
DL+L DEFL = 0.21" IN J-K					
LT DEFL = 0.12" < BRG-SPAN/240					
SPAN/DEFL (DL+L) = 999					
PLATES ARE FOR EACH PLY					
PLATING CONFORMS TO TPI.					
REPORT: NER 691					
ROBBINS ENGINEERING, INC.					
USING GROSS AREA TEST.					
PLATES - 20 GAUGE LOCK					
GRIPPING 632-312 PSI PER PAIR					
INCLUDES 25.0% INCREASE					
TENSION 1339-465 PLI PER PAIR					
SHEAR 784-506 PLI PER PAIR					
UT TYPE	PLATE	SIZE	X	Y	
A	2001	3.00	X	7.00	8.7
B	5150	5.00	X	9.00	2.7
C	5150	5.00	X	9.00	2.7
D	2001	3.00	X	7.00	8.7
E	1050	4.00	X	4.00	CTR
F	1030	4.00	X	4.00	CTR
G	1151	6.00	X	6.00	CTR
H	1170	6.00	X	8.00	CTR
I	1001	2.00	X	4.00	CTR
J	1102	6.00	X	6.00	CTR
K	1030	4.00	X	4.00	CTR
L	1001	2.00	X	4.00	CTR

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. PREVENT TRUSS ROTATION AT
ALL BEARING LOCATIONS.
5. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 236 LBS.
6. FASTEN TRUSS TO BRG A
FOR 1107 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG D
FOR 1021 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
8. GIRDER CONDITION:
STEP DOWN HIP GIRDER WITH
KING-JACKS.
OPEN FACE COMMON JACKS.
GIRDER SETBACK 7.00 ft.
2 COMPLETE TRUSSES REQUIRED.
104 NAILS AS EACH LAYER IS
APPLIED, STAGGERED AS FOLLOWS
MEMBER ROWS SPACING (IN)
TOP CHD 2 12.0
BTM CHD 2 12.0
WBS 1 4.0
PLUS CLUSTERS OF NAILS IF
SHOWN.
9. 2 COMPLETE TRUSSES REQUIRED.
104 NAILS AS EACH LAYER IS
APPLIED, STAGGERED AS FOLLOWS
MEMBER ROWS SPACING (IN)
TOP CHD 2 12.0
BTM CHD 2 12.0
WBS 1 4.0
PLUS CLUSTERS OF NAILS IF
SHOWN.



Job	HUDSON	Mark	C7	Quan	1*2P	Type	HIPP	Span	310000	Pl-H1	7	Left OH	2-0-0	Right OH	0	Engineering	T05090143
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NOTES:

1. TRUSSES MANUFACTURED BY -
2. MAYO TRUSS CO. INC.
2. EMPIRICAL ANALOG IS USED.

ADDITIONAL SPECIFICATIONS.

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
TAMPA, FL 33682

REVIEWED BY:
Robbins Engineering, Inc.
P.O. Box 280055

UT TYPE PLATE SIZE
A 2001 3.00 X 7.00 4.6
B 5150 5.00 X 9.00 2.7
C 5150 5.00 X 9.00 2.7
D 2001 3.00 X 7.00 4.6
E 1050 4.00 X 4.00 4.6
F 1030 4.00 X 4.00 4.0
G 1150 6.00 X 6.00 4.0
H 1170 6.00 X 8.00 4.0
I 1001 2.00 X 4.00 4.0
J 1102 6.00 X 6.00 4.0
K 1030 4.00 X 4.00 4.0

PLATING CONFORMS TO TPI.
REPORT: NER 691
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-112 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339 - 465 PLI PER PAIR
SHEAR 784 - 506 PLI PER PAIR

PLATES ARE FOR EACH PLY

$D/L \text{ DEFL} = 0.21" \text{ IN } J-K$
 $D/L \text{ DEFL} = 0.12" < BFG-SPAN/240$
 $SPAN/DEFL (D/L+L) = 999$

WEBS

BOTTOM CHORDS

C-T 0.23 2333 C 809 999 APPROX
L-D 0.25 2376 C -267 -589

A-P 0.31 2043 T 144 -74
F-H 0.34 2011 T 74 -346
G-E 0.34 2011 T 413 -59
B-D 0.32 2043 T 59 -146

I-F = 83 C F-B = 394 T
B-H = 948 T H-J = 398 C
H-K = 48 T G-K = 399 C
G-C = 952 T E-C = 393 T
E-L = 78 T

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
ADDITIONAL SPECIFICATIONS.
REFER TO ROBINS ENG. GENERAL
NOTES AND SYMBOL SHEET FOR

REVIEWED BY:

CTY TYPE	PLATE	SIZE	Y
A	2001	3.0	8.7
B	5150	5.0	2.7
C	5150	9.0	2.7
D	2001	3.0	7.0
E	1050	4.0	8.7
F	1050	4.0	4.6
G	1151	6.0	4.6
H	1170	6.0	4.0
I	1170	2.0	4.0
J	1030	6.0	4.0
K	1152	4.0	4.0
L	1001	2.0	4.0

PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
PLATES - 20 GAUGE LOCK
GRIPPING 632-112 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339 - 465 PLI PER PAIR
SHEAR 784 - 506 PLI PER PAIR

$$\begin{aligned} \text{DL+LL DEFLECT} &= 0.21" \text{ IN J-K} \\ \text{LL DEFLECT} &= 0.12" > \text{BRC-SPAN/240} \\ \text{SPAN/DEFLECT (DL+LL)} &= 999 \end{aligned}$$

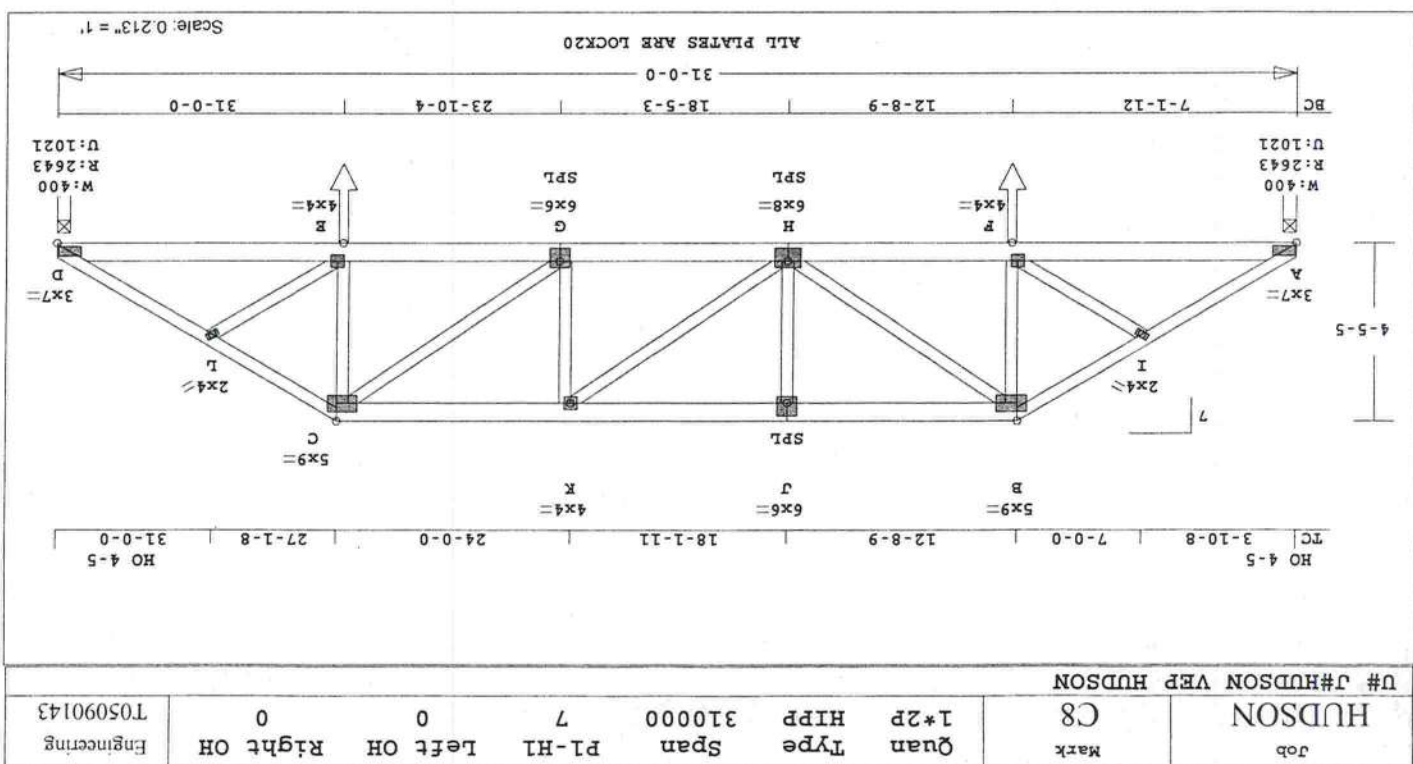
E-L	=	78 T
G-C	=	952 T
H-K	=	48 T
B-H	=	948 T
I-F	=	83 C
	=	P-B
	=	H-J
	=	G-K
	=	E-C
	=	393 T
		399 C
		398 C
		394 T

BOTTOM CHORDS			
A-P	0.31	2043	T
F-H	0.34	2011	T
H-G	0.43	2280	T
G-E	0.34	2011	T
E-D	0.32	2043	T
WEBS			
A-P	144		
F-H	74		
H-G	346		
G-E	413		
E-D	59		

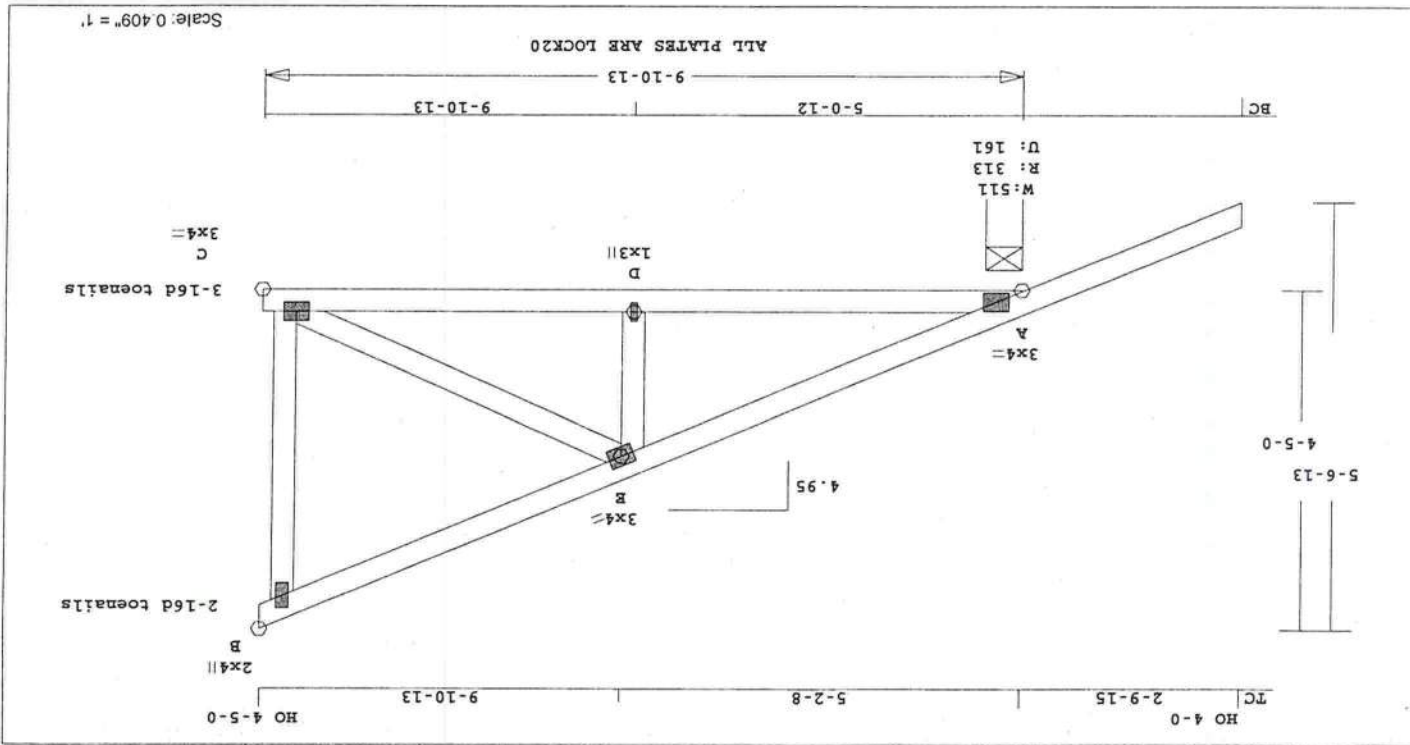
	C-T	0.23	2313	C	809	267
T-D	0.35	3376 <td>C</td> <td>-267</td> <td>-588</td> <td></td>	C	-267	-588	

Professional Engineer
State of Florida
Thomas A. Alban
No. 39380
Date Sealed: 9/12/2005

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES LOCATION
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. PREVENT TRUSS ROTATION AT
ALL BEARING LOCATIONS.
5. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 200 LBS.
6. FASTEN TRUSS TO BRG A
FOR 1021 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALT OR BRG.
7. FASTEN TRUSS TO BRG D
FOR 1021 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALT OR BRG.
8. GIRDER CONDITION:
STEP DOWN HTP GIRDER WITH
KING-JACKS.
OPEN FACE COMMON JACKS.
GIRDER SETBACK 7.00 ft.
9. 2 COMPLETE TRUSSES REQUIRED.
FASTEN TRUSSES TOGETHER W/
10d NAILS AS EACH LAYER IS
APPLIED, STAGGERED AS FOLLOWS
MEMBERS ROWS SPACING (IN)
TOP CHD 2 12.0
BTM CHD 2 12.0
WEBS 1 4.0
PLUS CLUSTERS OF NAILS IF
SHOWN.



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
HUDSON	CJ1	9	MONO	91013	4.95	2 - 9-15	0	T05090143



Online Plus -- Version 18.0.006
Run Date: 9-2-05

CSI
TOP 0.43
BTM 0.26
WBS 0.29

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
TRUSS SPACING - 24.0 IN.

UNIFORM LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%
UNI. LDG. LIVE DEAD (PSF)

GIRDER LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%

EXCEPTIONS:
TOTAL 40.0
BTM CHD 20.0
TOP CHD 40.0

LINEAR VARIATION
ALONG A-B
AT A 0.0
AT B 84.8

LINEAR VARIATION
ALONG A-C
AT A 0.0
AT C 42.4

SUPPORT CRITERIA
JT REACT WIDTH
LBS IN-SX 329 3-8
A 313 5-11 C

MEMBER A P(LBS) M@1ST M@2ND
A-E 0.31 582 C 268 -1917
E-B 0.43 89 C -932 7

A-D 0.17 555 T 342 -452
D-C 0.26 555 T 452 -5

MEAS
D-E = 111 T E-C = 608 C
C-B 0.14 0 T 0

DL+LL DEFL = 0.09" IN B-B
LL DEFL = 0.01" < BRG-SPAN/240
SPAN/DEFL (DL+LL) = 999

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

PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
TENSION 1339-465 PLI PER PAIR

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

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPERICAL ANALOG IS USED.

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

1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPERICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM

ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF

- ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 169 LBS.
- FASTEN TRUSS TO BRG A
FOR 161 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG C
FOR 71 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG B
FOR 144 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG B
FOR 144 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG C
FOR 71 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG B
FOR 144 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG B
FOR 144 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG B
FOR 144 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

9. MAX LEFT OVERHANG= 33 IN.
GIRDER SETBACK 7.00 ft.
TIE-IN JACKS ON TOP&BTM.
KING JACK GIRDER.
PROVIDE SUPPORT OR LEVEL
RETURN.

NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

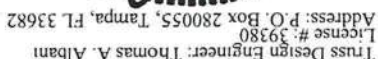
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPERICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM

ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF

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





NOTES:

1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

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

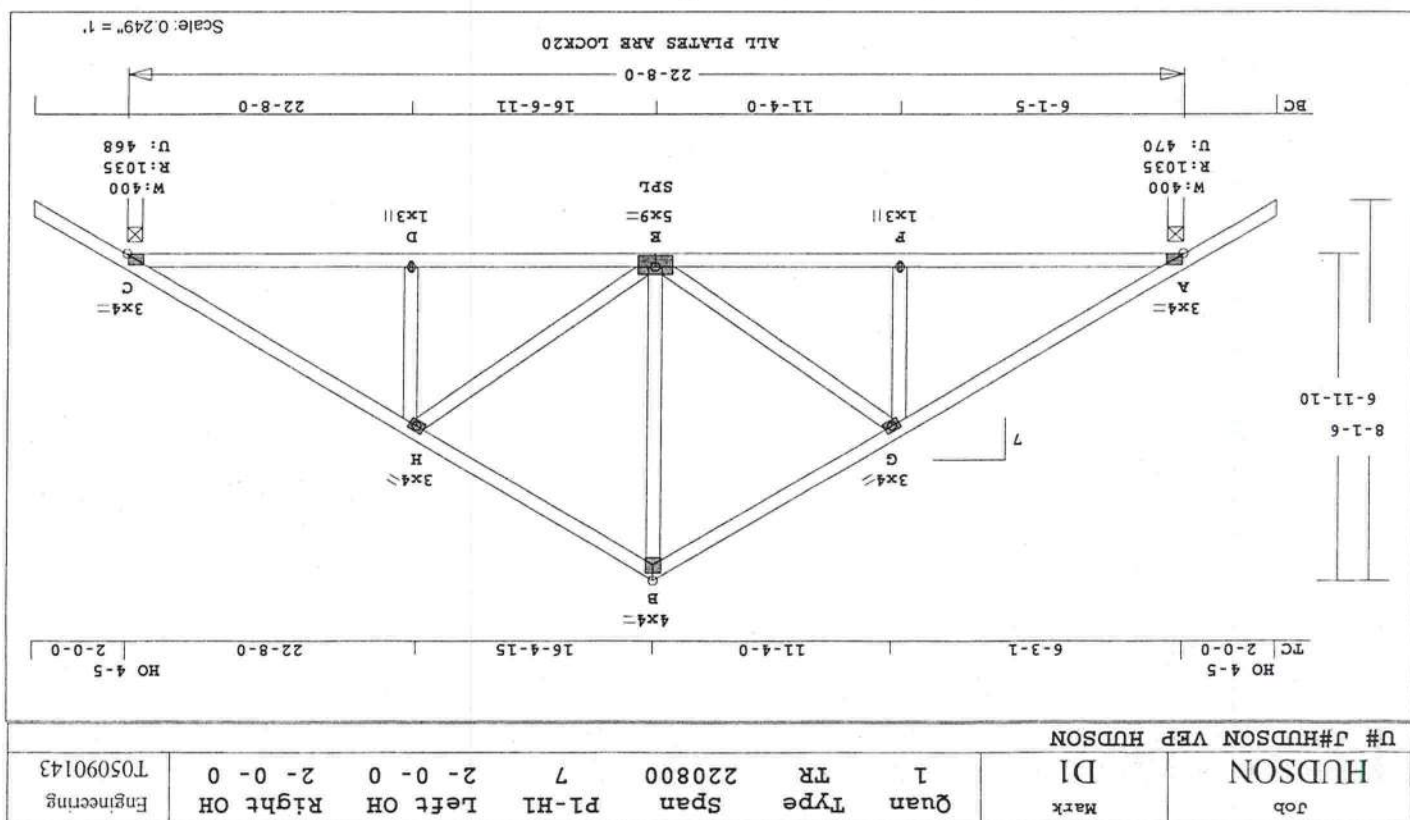
REFER TO ROBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339- 465 PLI PER PAIR
SHEAR 784- 506 PLI PER PAIR

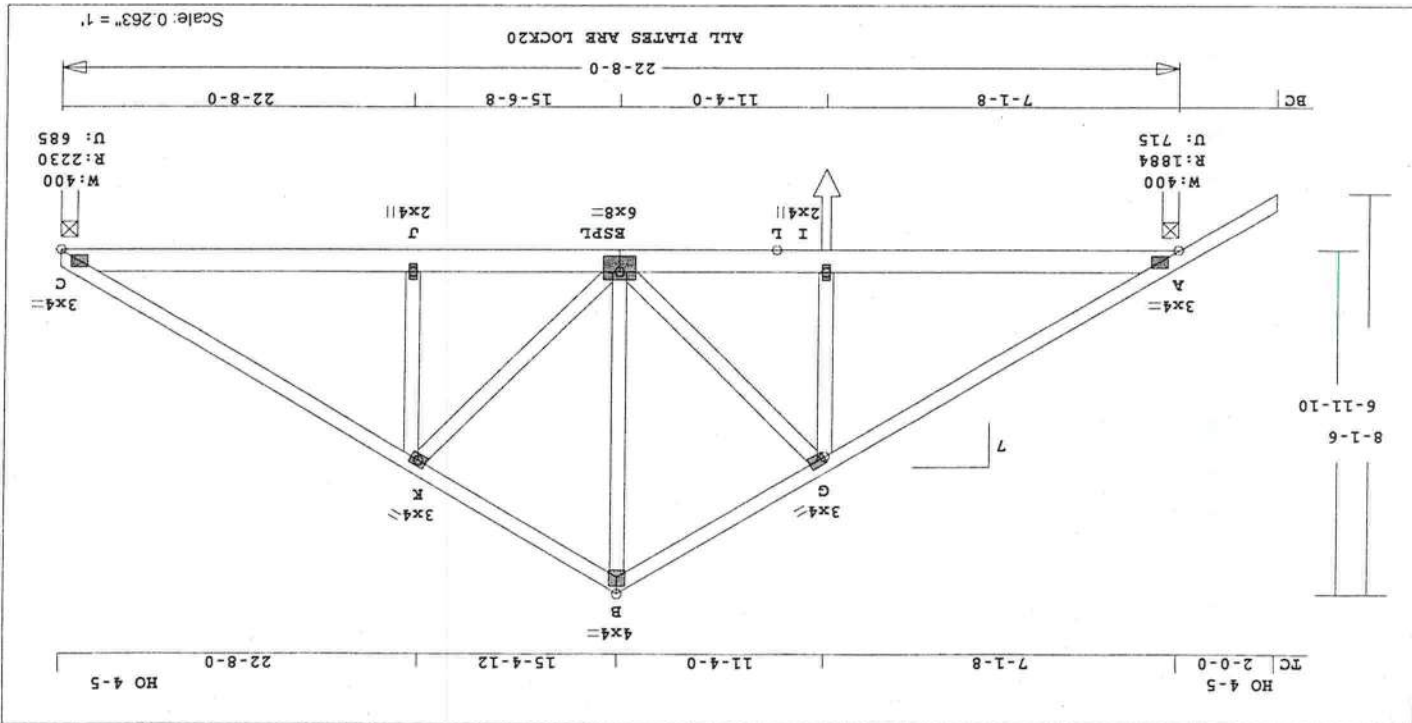
UT TYPE	PLATE	SIZE	X	Y
A	2001	3.00	X 4.00	5.3
B	2001	3.00	X 4.00	2.2
C	2001	3.00	X 4.00	5.3
D	1001	1.00	X 3.00	3.4
E	1170	5.00	X 9.00	CTR
F	1001	1.00	X 3.00	CTR
G	1050	3.00	X 4.00	CTR
H	1050	3.00	X 4.00	CTR

SPAN/DEFL (DL+LT) = 999
LT DEFL = 0.04" < BRG-SPAN/240
DL+LT DEFL = 0.10" IN A-G
ing, Inc./Online Pro - APPROX. GROSS

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 390 LBS.
5. FASTEN TRUSS TO BRG A
FOR 470 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG C
FOR 468 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	D2	1*2P TR Span 220800 P1-H1
Quan	7	Left OH 2-0-0 Right OH 0
Engineering	T05090143	



Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

 * 2-PLY TRUSS *

CSI LUMBER
 TOP 0.33 2X 4 SP-#2 1500
 BTM 0.49 2X 6 SP-#2 1250
 WBS 0.35 2X 4 SP-#2 1500

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0 40.0

EXCEPTIONS:
 L-C 30.0 40.0
 CONCENTRATED LOADS (LBS)

SUPPORT CRITERIA
 I 214 (LIVE)
 I 214 (DEAD)
 JT REACT WIDTH
 LBS IN-SX 2230 4-0
 A 1884 4-0 C

MEMBER FORCES - EACH PLY
 MEMBER CSI P(LBS) M@1ST M@2ND
 A-G 0.24 1469 C 963 -947
 G-B 0.21 1085 C 947 -268
 B-K 0.22 1088 C 273 -1174
 K-C 0.33 1562 C 1174 -284
 A-I 0.25 1269 T -824 -534
 I-L 0.21 1269 T 534 483
 L-E 0.26 1269 T -483 -766
 E-J 0.44 1354 T 766 -3053
 J-C 0.49 1354 T 3053 1078
 I-G = 355 T G-E = 472 C
 B-B = 990 T E-K = 591 C

DL+L DEFL = 0.13" IN K-C
 LL DEFL = 0.06" < BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 999

PLATES ARE FOR EACH PLY

REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

JT TYPE PLATE SIZE X
 A 2001 3.00 X 4.00 6.5 4.1
 B 2001 3.00 X 4.00 2.0 2.2
 C 2001 3.00 X 4.00 6.5 4.1
 E 1170 6.00 X 8.00 CTR 4.0
 G 1050 3.00 X 4.00 CTR 4.0
 I 1001 2.00 X 4.00 CTR 4.0
 J 1001 2.00 X 4.00 CTR 4.0
 K 1050 3.00 X 4.00 CTR 4.0

REVISED BY:
 Robbns Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF

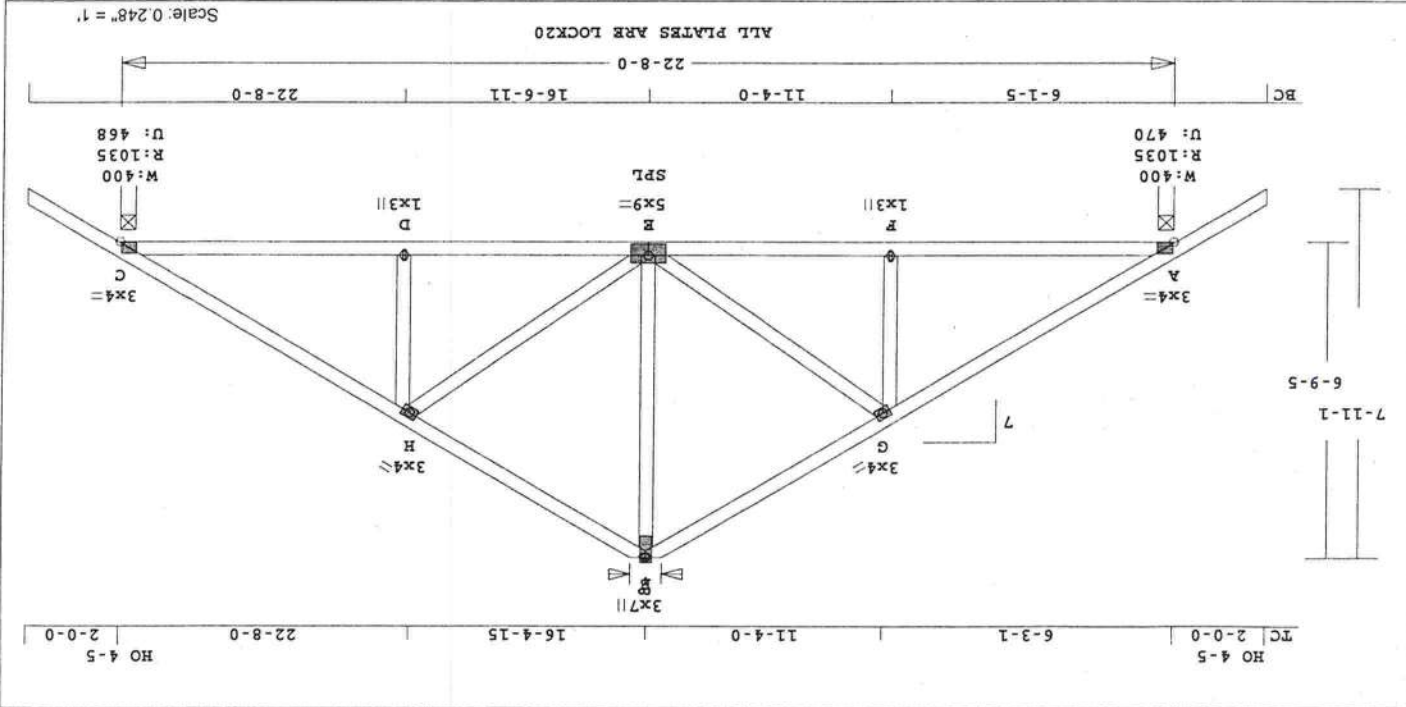
4. PREVENT TRUSS ROTATION AT
 ALL BEARING LOCATIONS.
 5. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 364 LBS.
 6. FASTEN TRUSS TO BRG A
 FOR 715 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 7. FASTEN TRUSS TO BRG C
 FOR 685 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 8. 2 COMPLETE TRUSSES REQUIRED.
 FASTEN TRUSSES TOGETHER W/
 10d NAILS AS EACH LAYER IS
 APPLIED, STAGGERED AS FOLLOWS
 MEMBER ROWS SPACING(IN)
 TOP CHD 1 12.0
 BTM CHD 2 12.0
 WEBS 1 4.0
 PLUS CLUSTERS OF NAILS IF
 SHOWN.

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

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 CERTIFICATE NO. 39380
 THOMAS A. ALBANI

Date Scaled: 9/2/2005

Job	HUDSON	Mark	D3	Quan	1	Type	TR	Span	220800	Pl-HI	7	Left OH	2 - 0 - 0	Right OH	2 - 0 - 0	Engineering	T05090143
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Robbins Engineering, Inc./Online Plus[™] APPROX. TRUSS WEIGHT: 148.8 LBS

DL+LL DEFLECT = 0.10" IN A-G
 LL DEFLECT = 0.04" < BRG-SPAN/240
 SPAN/DEFLECT (DL+LL) = 999

PLATING CONFORMS TO TPI.

REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 LIVE DEAD (PSF)
 TOP CHD 20.0
 BTM CHD 10.0
 TOTAL 20.0
 SUPPORT CRITERIA
 JT REACT WIDTH 20.0
 LBS IN-SX 40.0

HEEL 0IN - 4SX
 LEFT
 RIGHT

MEMBER CSI P (LBS) @1ST @2ND
 TOP CHORDS
 A-G 0.34 1314 C 1295 -1950
 G-B 0.32 899 C 1950 -1023
 B-H 0.32 899 C 1023 -1950
 H-C 0.34 1314 C 1950 -1295
 BOTTOM CHORDS
 A-F 0.31 1139 T 42 -629
 F-E 0.31 1139 T 629 -470
 E-D 0.31 1139 T 470 -629
 D-C 0.31 1139 T 629 -42
 WEBS
 F-G = 121 T E-H = 449 C
 E-B = 610 T
 D-H = 121 T

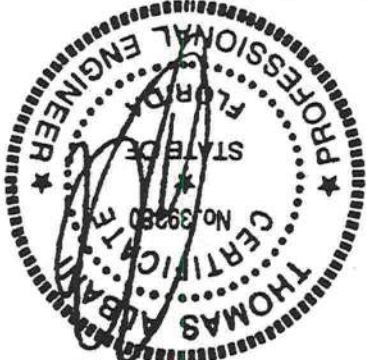
- WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
 4. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 390 LBS.
 5. FASTEN TRUSS TO BRG A
 FOR 470 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 6. FASTEN TRUSS TO BRG C
 FOR 468 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.

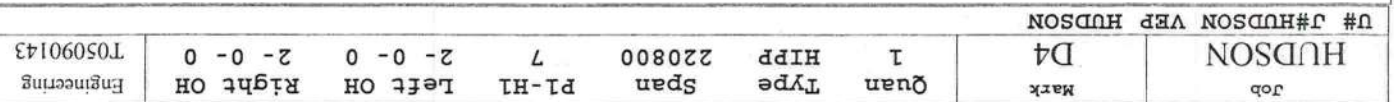
REVIEWED BY:
 Robbns Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

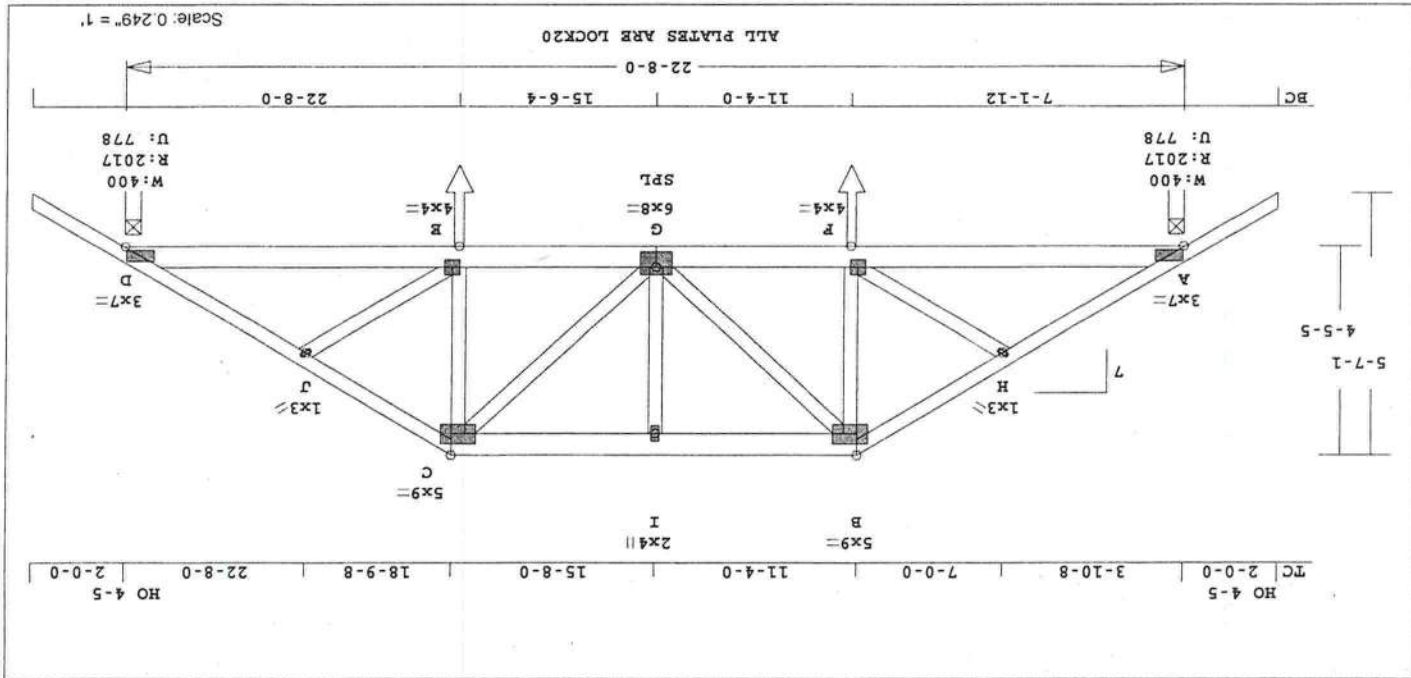
NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.

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
HUDSON	D5	1	HIPP	220800	7	2-0-0	2-0-0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 182.6 LBS

1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98
4. TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION
5. WIND SPEED - 120 MPH
6. MEAN ROOF HEIGHT - 15'
7. EXPOSURE CATEGORY - B
8. OCCUPANCY FACTOR - 1.00
9. ENCLOSED BUILDING.
10. TC DEAD LOAD = 5.0 PSF
11. BC DEAD LOAD = 5.0 PSF
12. PREVENT TRUSS ROTATION AT ALL BEARING LOCATIONS.
13. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 258 LBS.
14. FASTEN TRUSS TO BRG A FOR 778 LBS OF UPLIFT,
15. WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
16. FASTEN TRUSS TO BRG D FOR 778 LBS OF UPLIFT,
17. WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
18. GIRDER CONDITION: STEP DOWN HIP GIRDER WITH KING-JACKS.
19. OPEN FACE COMMON JACKS.
20. GIRDER SETBACK 7.00 ft.

CS1	SIZE LUMBER	FB
TOP	0.35	2X 4 SP-#2
BTM	0.48	2X 6 SP-#2
WBS	0.19	2X 4 SP-#2
EXCEPTIONS:		
B-I	2X 6 SP-#2	1250
I-C	G-E E-D SAME AS B-I	
LATERAL BRACING:		
TOP CHORD - CONTINUOUS		
BTM CHORD - CONTINUOUS		
TRUSS SPACING - 24.0 IN.		
UNIFORM LOADING		
LUMBER STRESS INCREASE: 25.0%		
PLATE STRESS INCREASE: 25.0%		
UNI. LDG. LIVE DEAD (PSF)		
TOP CHD	20.0	10.0
BTM CHD	0.0	10.0
TOTAL	20.0	20.0
GIRDER LOADING		
LUMBER STRESS INCREASE: 25.0%		
PLATE STRESS INCREASE: 25.0%		
GRD. LDG. LIVE DEAD (PLF)		
TOP CHD	40.0	20.0
BTM CHD	0.0	20.0
TOTAL	40.0	40.0

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR

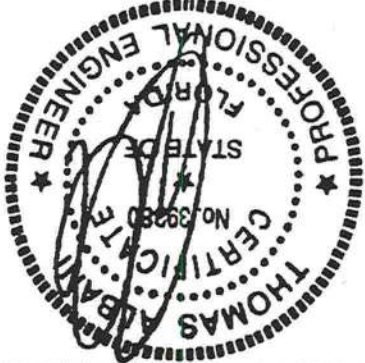
JT TYPE	PLATE	SIZE	X	Y
A	2001	3.00 X 7.00	8.7	4.6
B	5150	5.00 X 9.00	2.7	2.7
C	5150	5.00 X 9.00	2.7	2.7
D	2001	3.00 X 7.00	8.7	4.6
E	1050	4.00 X 4.00	CTR	CTR
F	1030	4.00 X 4.00	CTR	CTR
G	1170	6.00 X 8.00	CTR	4.0
H	1001	1.00 X 3.00	CTR	CTR
I	1001	2.00 X 4.00	CTR	CTR
J	1001	1.00 X 3.00	1.5	0.5

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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Date Sealed: 9/2/2005



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

1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPERICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 146 LBS.

DL+LL DEFLECT = 0.01" IN G-C	
LT DEFLECT < BRG-SPAN/240	
SPAN/DEFLECT (DL+LL) = 999	
H-G = 199 T	
E-D = 198 C F-B = 62 C	
WEBS	
H-C 0.07 67 T -148	
F-H 0.03 67 T 57	
E-F 0.02 67 T -79	
A-E 0.07 67 T 217	
BOTTOM CHORDS	
G-C 0.10 32 C -326	
B-G 0.10 84 T -24	
D-B 0.10 91 T -315	
A-D 0.10 89 C -211	
TOP CHORDS	
MEMBER CSI P (LBS) @1ST @2ND	

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

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

JT TYPE	PLATE SIZE	X	Y
A 2003	3.00 X 4.00	5.0	3.2
B 3001	4.00 X 4.00	2.0	2.2
C 2003	3.00 X 4.00	5.0	3.2
D 1001	1.00 X 3.00	CTR	CTR
E 1001	1.00 X 3.00	CTR	CTR
F 1001	1.00 X 3.00	CTR	CTR
G 1001	1.00 X 3.00	1.5	0.5
H 1001	1.00 X 3.00	CTR	CTR

5. FASTEN TRUSS TO BRG C
FOR 50 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG E
FOR 219 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG H
FOR 220 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

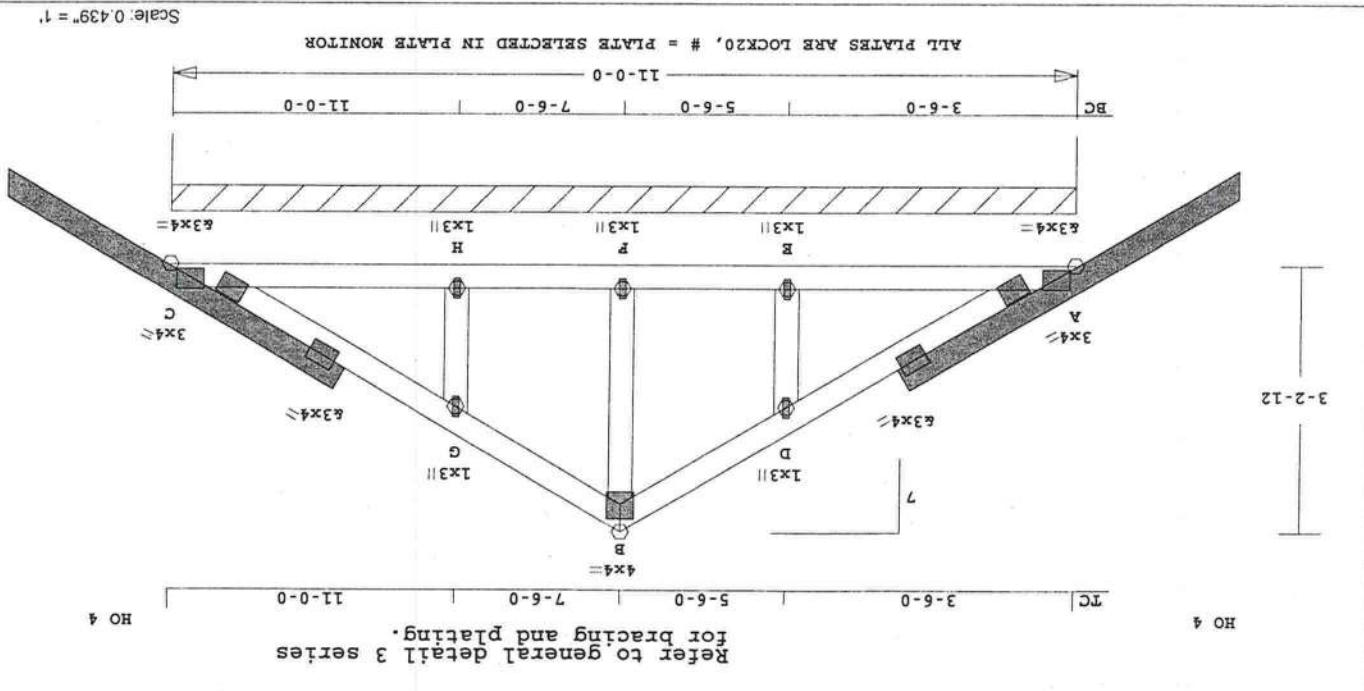
CONTINUOUS BETWEEN JNTS A & C	
LEFT	
RIGHT	
GIRD 01N - 4SX	
MEMBER CSI P (LBS) @1ST @2ND	
TOP CHORD - CONTINUOUS	
BTM CHORD - CONTINUOUS	
TRUSS SPACING - 24.0 IN.	
STANDARD LOADING	
LUMBER STRESS INCREASE: 25.0%	
PLATE STRESS INCREASE: 25.0%	
LOADING LIVE	
LOADING DEAD (PSF)	
TOP CHD 20.0	
BTM CHD 0.0	
TOTAL 20.0	
SUPPORT CRITERIA	
40.0	

REPETITIVE MEMBER INCREASES:	
FB 15.0% FT 0.0% FC 0.0%	
CSI SIZE LUMBER 1.15PB	
TOP 0.10 2X 4 SP-#2 1720	
BTM 0.07 2X 4 SP-#2 1720	
WBS 0.03 2X 4 SP-#2 1720	
REPTITIVE MEMBER INCREASES:	
FB 15.0% FT 0.0% FC 0.0%	

Online Plus -- Version 18.0.006
Robbins Engineering, Inc.
REPORT: NER 691
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 71.6 LBS

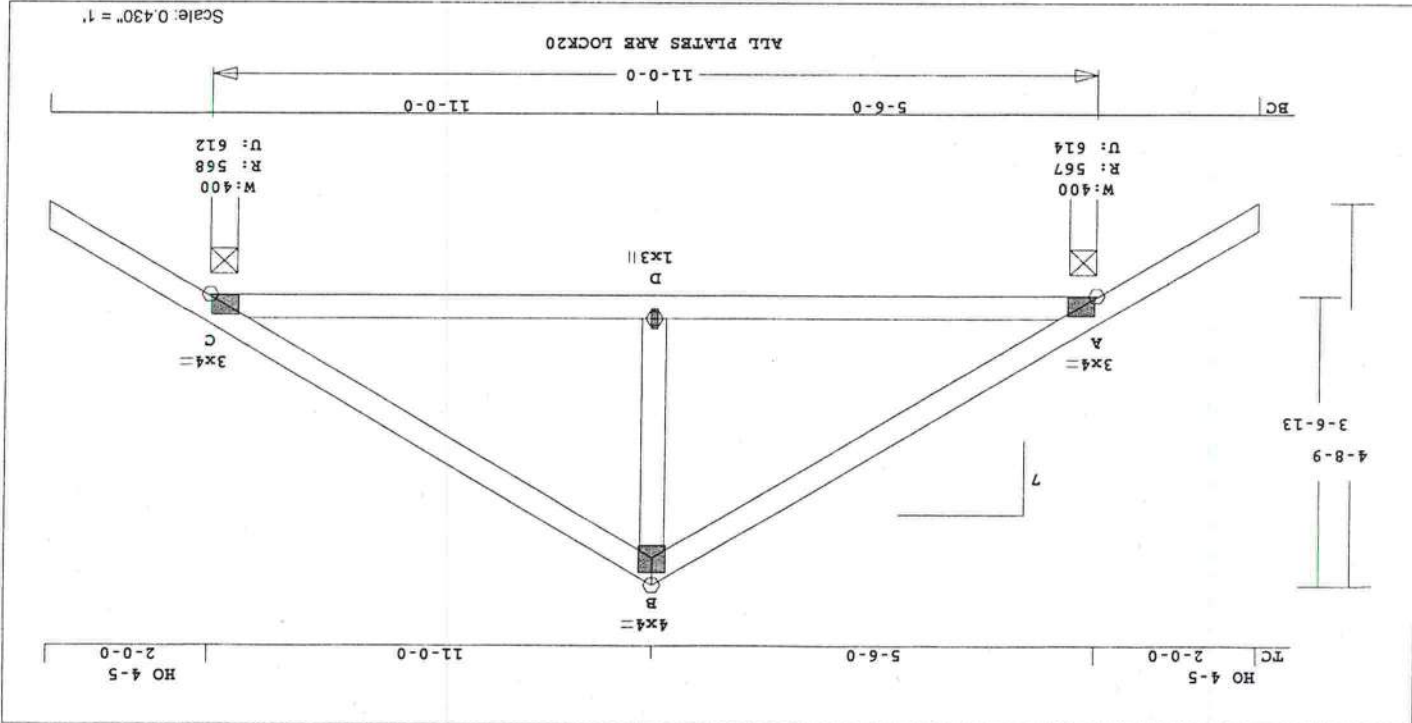
PLATING CONFORMS TO TPI.



Scale: 0.439" = 1'

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
HUDSON	E1	1	SP	110000	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								

Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	E2	2
Quan	TR	Span
Type	110000	7
Pl-HI	Left OH	2 - 0 - 0
Right OH	2 - 0 - 0	Engineering
		T05090143



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.8 LBS
DL+LL DEFL = 0.08" IN A-B
TL DEFL = 0.06" > BRG-SPAN/240
SPAN/DEFL (DL+LL) = 999
RUN DATE: 9-2-05
Online Plus -- Version 18.0.006

CSI SIZE LUMBER 1.15FB
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR
JT TYPE PLATE SIZE X X
A 2001 3.00 X 4.00 5.3 3.4
B 3001 4.00 X 4.00 2.0 2.2
C 2001 3.00 X 4.00 5.3 3.4
D 1001 1.00 X 3.00 CTR CTR

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%
LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0
SUPPORT CRITERIA
JT REACT WIDTH 568 4-0
LBS IN-SX
A 567 4-0 C
LEFT
HEEL 0IN - 4SX 0IN - 4SX
MEMBR CSI P(LBS) M@1ST M@2ND
A-B 0.26 498 T -91 1199
B-C 0.25 505 T -1209 51
A-D 0.24 414 T -559 -1047
D-C 0.24 414 T 1047 559
WEBS
D-B = 295 C

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

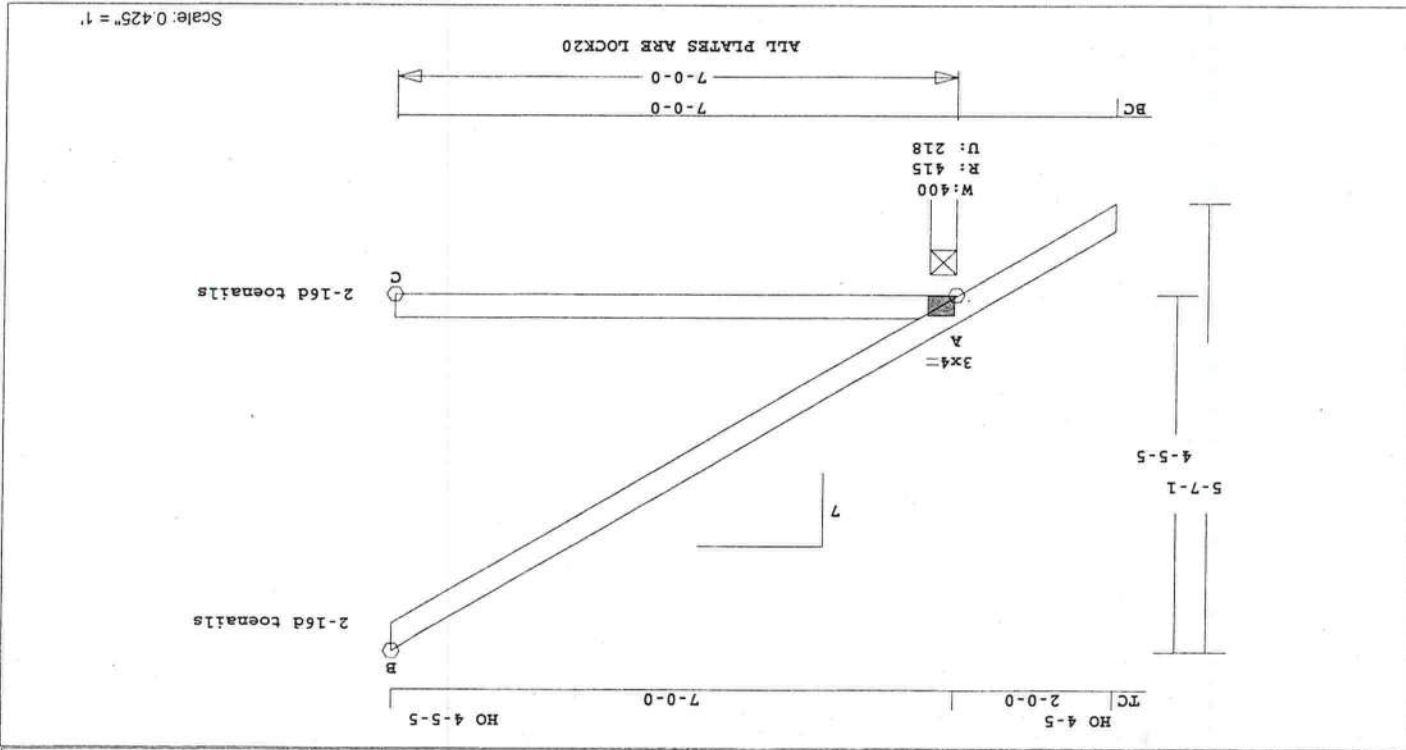
REVIEWED BY:
Robbins Engineering, Inc.
Tampa, FL 33682
PO Box 280055
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 215 LBS.
5. FASTEN TRUSS TO BRG A
FOR 614 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG C
FOR 612 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

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



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	J1	
Quan	45	Type JCA2
Span	70000	Pl-H1
Left OH	2 - 0 - 0	Right OH
Engineering	T05090143	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.2 LBS
 LT DEFL = 0.03" < BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 277

Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

PLATING CONFORMS TO TPI.
 REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

JT TYPE PLATE SIZE X X

A 2001 3.00 X 4.00 5.3 3.4

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 20.0

SUPPORT CRITERIA

JT REACT WIDTH JT REACT WIDTH

LBS IN-SX LBS IN-SX

A 415 4-0 B 184 3-8

C 88 3-8

HEEL 01N - 4SX

LEFT RIGHT

MEMBR CSI P(LBS) M@1ST M@2ND

TOP CHORDS

A-B 0.52 111 C -1898

A-C 0.36 0 T -1806

WEBS

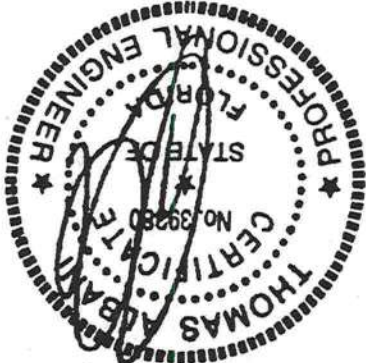
2. EMPIRICAL ANALOG IS USED.

1. TRUSSES MANUFACTURED BY -

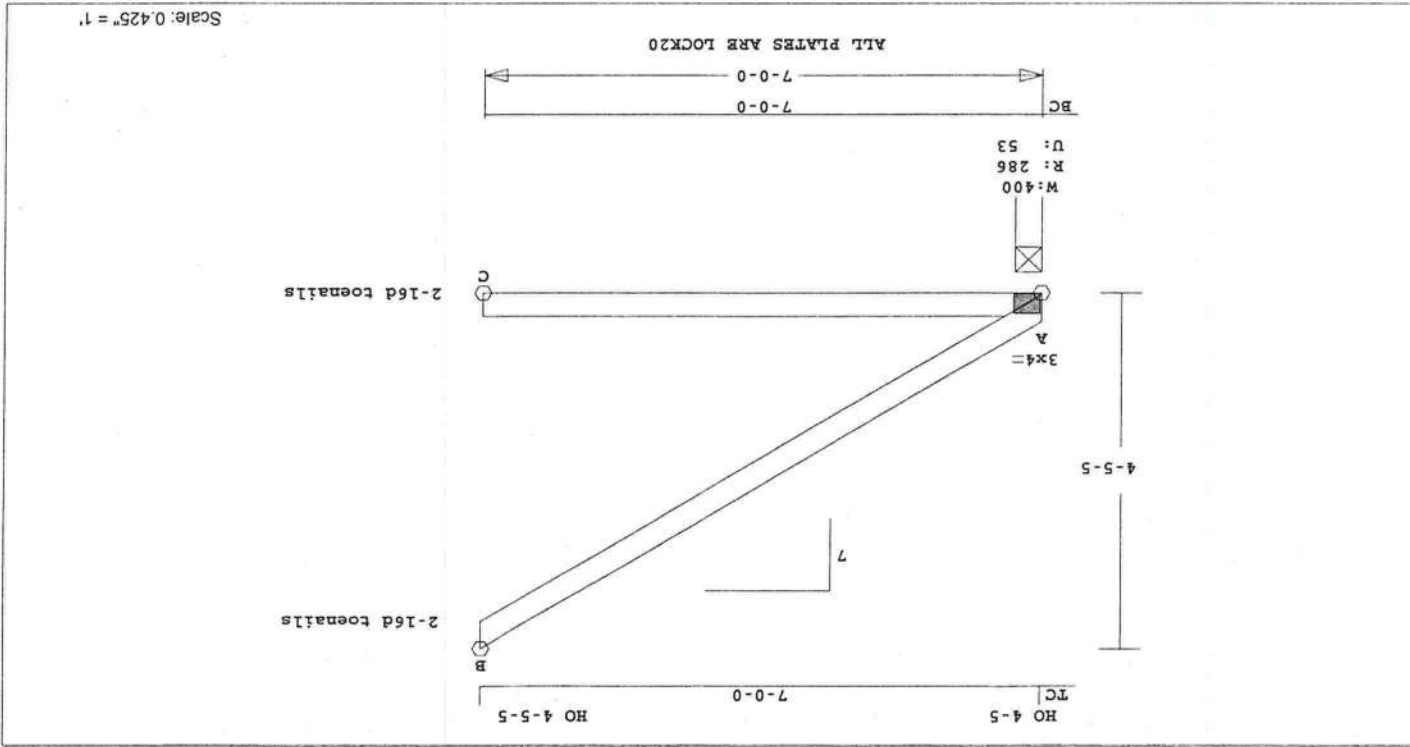
Mayo Truss Co. Inc.

DL+LL DEFL = 0.30" IN A-B

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



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	J1A	4
Quan	Type	JCA2
Span	70000	7
Left OH	Right OH	0
Engineering	T05090143	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 28.9 LBS
 LT DEFL = 0.03" < BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 277

Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB

TOP 0.52 2X 4 SP-#2 1720

BTM 0.36 2X 4 SP-#2 1720

REPETITIVE MEMBER INCREASES:

FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 20.0

SUPPORT CRITERIA

JT REACT WIDTH JT REACT WIDTH

LBS IN-SX LBS IN-SX

A 286 4-0 B 184 3-8

C 88 3-8

HEEL LEFT RIGHT

MEMBER CSI P(LBS) M@1ST M@2ND

TOP CHORDS

A-B 0.52 111 C-1898

A-C 0.36 0 T-1806

WEBS

DL+LL DEFL = 0.30" IN A-B

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:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 218 LBS.
5. FASTEN TRUSS TO BRG A
 FOR 53 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG B
 FOR 185 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.

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:

1. TRUSSES MANUFACTURED BY -

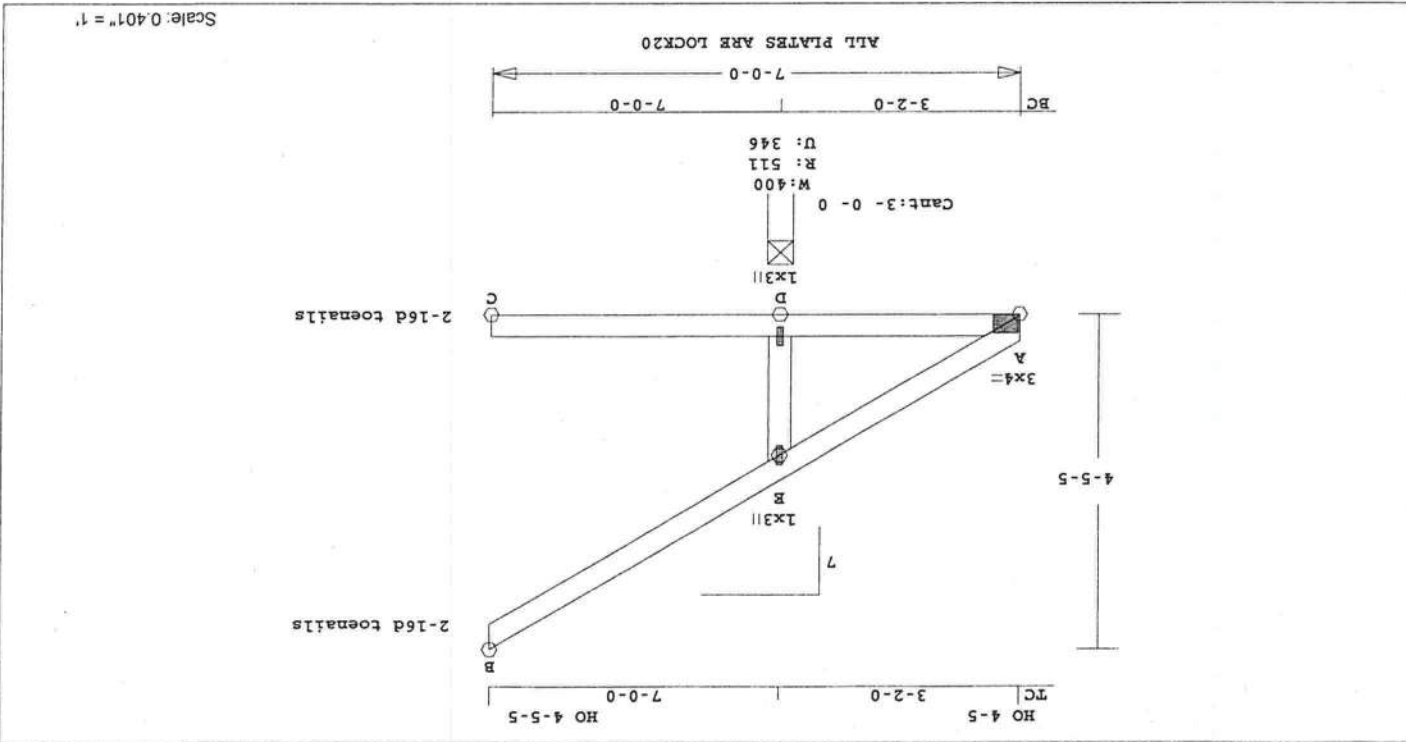
Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682
 Date Sealed: 9/2/2005



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	J1B	4	JCA2	70000	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.0 LBS
SPAN/DEFL (DL+LL) = 227

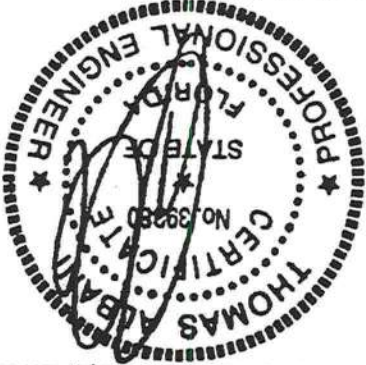
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 223 LBS.
5. FASTEN TRUSS TO BRG D
FOR 346 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG B
FOR 94 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

REVIEWED BY:
Robbins Engineering, Inc.
Tampa, FL 33682
REFER TO ROBINS 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:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

Online Plus -- Version 18.0.006	PLATING CONFORMS TO TPI.	REPORT: NER 691	ROBBINS ENGINEERING, INC.	BASED ON SP LUMBER	USING GROSS AREA TEST.	PLATES - 20 GAUGE LOCK	GRIPPING 632-312 PSI PER PAIR	INCLUDES 25.0% INCREASE	TENSION 1339-465 PLI PER PAIR	SHEAR 784-506 PLI PER PAIR	JT TYPE	PLATE SIZE	X	Y	A	2001	3.00 X 4.00	5.3	3.4	B	C	D	1001	1.00 X 3.00	CTR	CTR	E	1001	1.00 X 3.00	CTR	CTR	LUMBER STRESS INCREASE: 25.0%	PLATE STRESS INCREASE: 25.0%	LOADING LIVE DEAD (PSF)	TOP CHD 20.0	10.0	BTM CHD 0.0	10.0	TOTAL 20.0	40.0	SUPPORT CRITERIA	JT REACT WIDTH	IN-SX	LBS	511	4-0	B	-9	3-8	C	HEEL	01N	-4SX	MEMBR	CSI	P (LBS)	M@1ST M@2ND	A-E	0.41	218	C	271	1232	E-B	0.40	58	C	-1232	0	A-D	0.33	224	T	167	208	D-C	0.33	0	T	2190	0	D-E	=	333	C	WEBS	DL+LL DEFL = 0.20" AT A	LT DEFL > BRG-SPAN/240	LT DEFL (CANT) = 0.11" > C/120
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Date Staled: 9/2/2005



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

3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 219 LBS.
5. FASTEN TRUSS TO BRG A
FOR 201 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG B
FOR 131 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

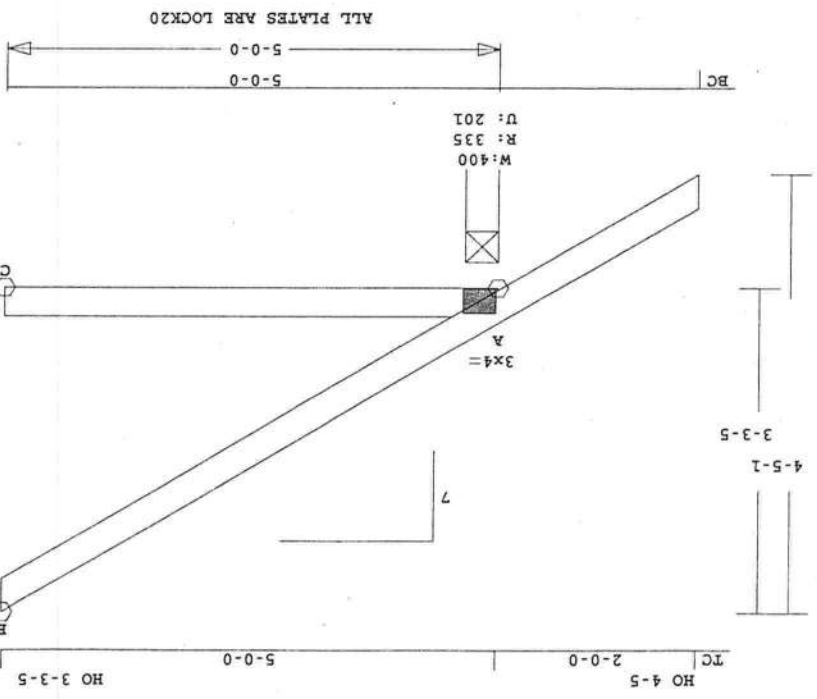
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 25.1 LBS
LT DEFL = 0.01" < BRG-SPAN/240
SPAN/DEFL (DL+LL) = 798
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR
JT TYPE PLATE SIZE X X
A 2001 3.00 X 4.00 5.3 3.4
B
C
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%
LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0
SUPPORT CRITERIA
JT REACT WIDTH 40.0
LBS IN-SX 335 4-0 B 130 3-8
C 63 3-8
LEFT
RIGHT
HEEL 01N - 4SX
MEMBR CSI P(LBS) @2ND
TOP CHORDS
A-B 0.26 78 C -790 0
A-C 0.18 0 T -940 0
WEBS
DL+LL DEFL = 0.08" IN A-B
NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
REVIEWED BY:
Robbins Engineering, Inc.
Tampa, FL 33682
PO Box 280055

Online Plus -- Version 18.0.006
RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB
TOP 0.26 2X 4 SP-#2 1720
BTM 0.18 2X 4 SP-#2 1720
REPETITIVE MEMBER INCREASES:
FB 15.0% FT 0.0% FC 0.0%

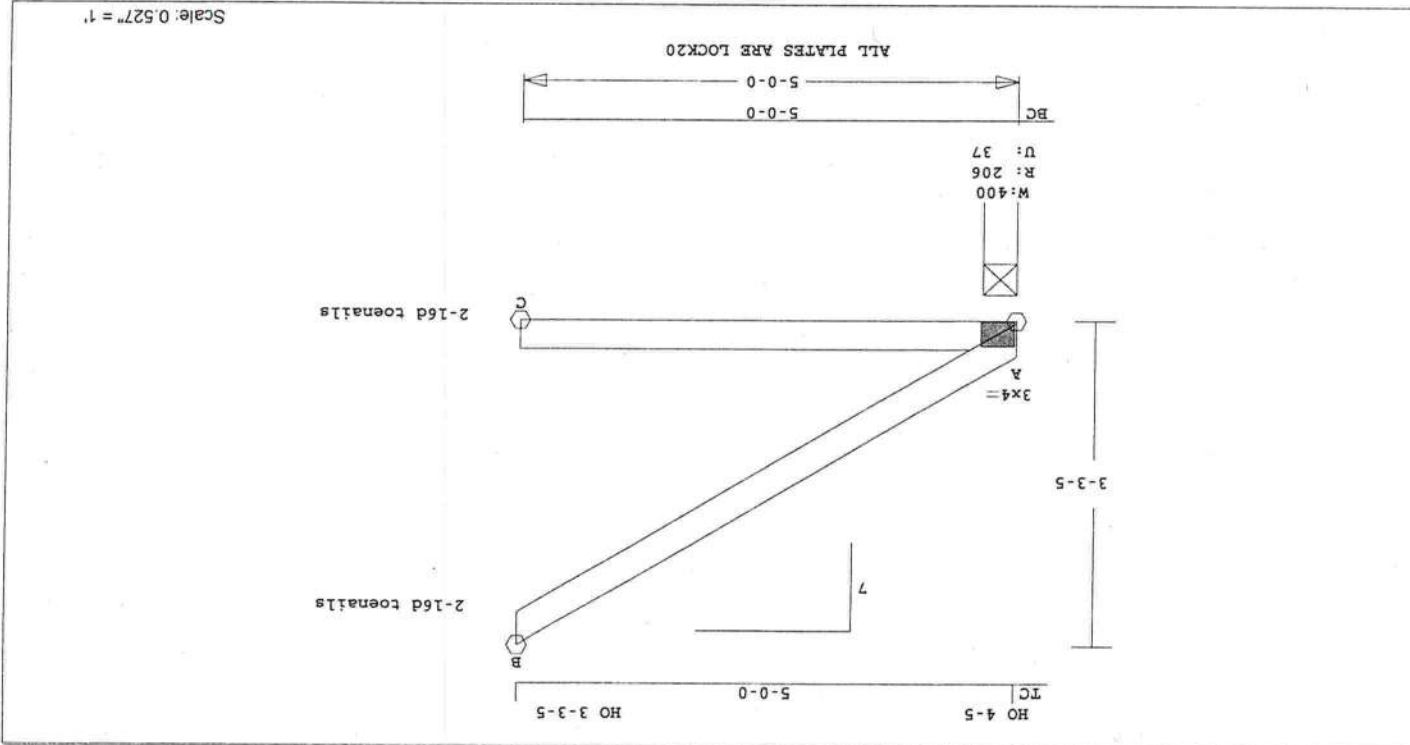
LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
HUDSON	J2	15	JCA2	50000	7	2-0-0	0	T05090143
U# J#HUDSON VEP HUDSON								

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	J2A	3	JCA2	50000	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 20.7 LBS
 LT DEFL = 0.01" < BRG-SPAN/240
 SPAN/DEFL (DL+LT) = 798

Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

BTM CHORD - CONTINUOUS

TOP CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0

BTM CHD 10.0

TOTAL 20.0

SUPPORT CRITERIA

JT REACT WIDTH JT REACT WIDTH

LBS IN-SX LBS IN-SX

A 206 4-0 B 130 4-0

C 63 4-0

LEFT

HEEL 0IN - 4SX

MEMBR CSI P(LBS) M@1ST M@2ND

TOP CHORDS

A-B 0.26 78 C -790

A-C 0.18 0 T -940

WEBS

DL+LT DEFL = 0.08" IN A-B

NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.

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

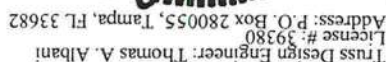
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

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

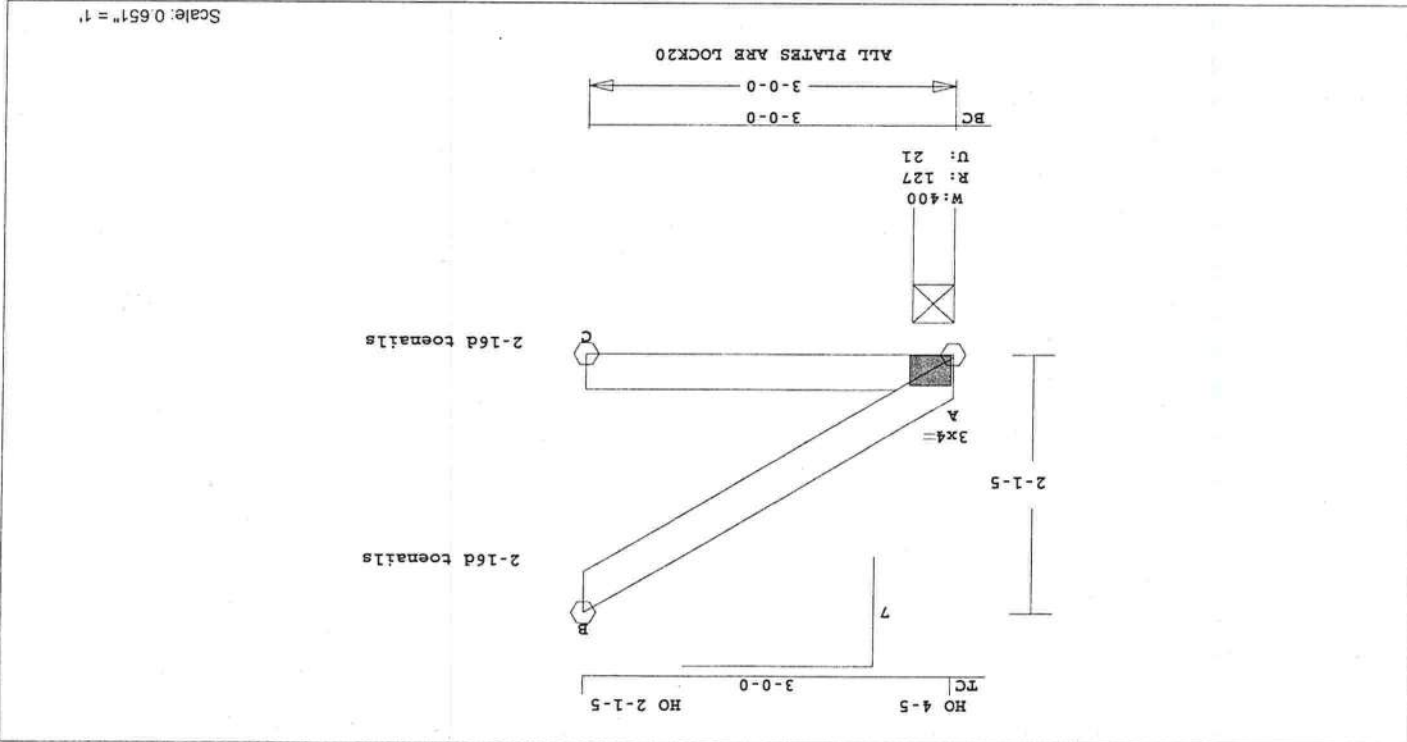
JT TYPE PLATE SIZE X Y
 A 2001 3.00 X 4.00 5.3 3.4
 B
 C

1. WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 120 MPH MEAN ROOF HEIGHT - 15' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING.
2. TC DEAD LOAD = 5.0 PSF BC DEAD LOAD = 5.0 PSF
3. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 154 LBS.
4. FASTEN TRUSS TO BRG B
5. FOR 131 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.





Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	J3A	3
Quan	JCA2	30000
Type	PL-HI	Left OH
Span	Right OH	0
Engineering	T05090143	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 12.6 LBS
 LL DEFLECT = 0.00" < BRG-SPAN/240
 SPAN/DEFLECT (DL+LL) = 999

Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR
 LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.
 STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHORD 20.0 10.0
 BTM CHORD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 JT REACT WIDTH JT REACT WIDTH
 LBS IN-SX LBS IN-SX
 A 127 4-0 B 75 3-8
 C 37 3-8
 DL+LL DEFLECT = 0.01" IN A-B

REVIEWED BY:
 Robbings 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

MEMBER CSI P(LBS) @1ST @2ND
 TOP CHORDS
 A-B 0.09 46 C -145 0
 BOTTOM CHORDS
 A-C 0.07 0 T -350 0
 WEBS
 2. EMPIRICAL ANALOG IS USED.
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.



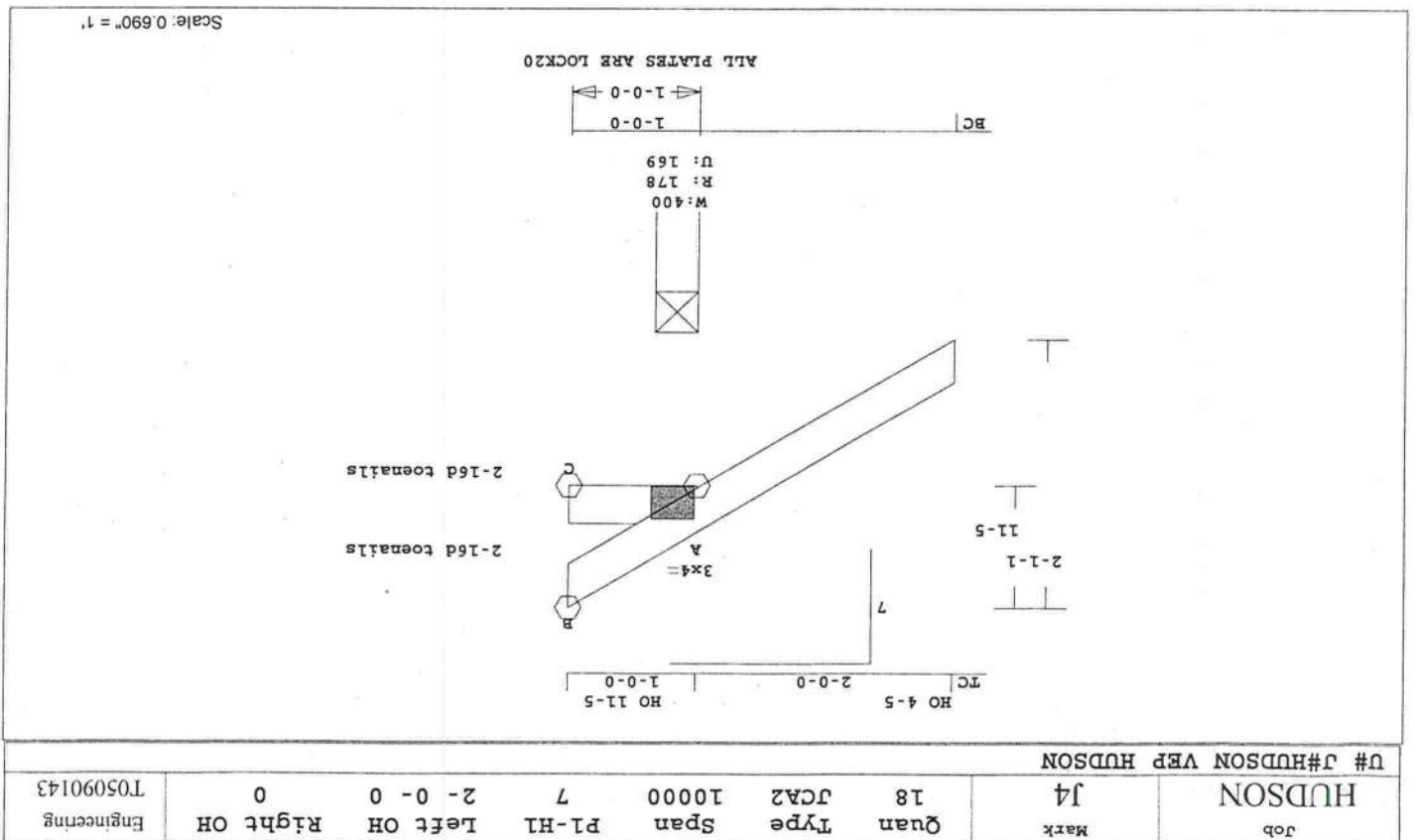


Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682

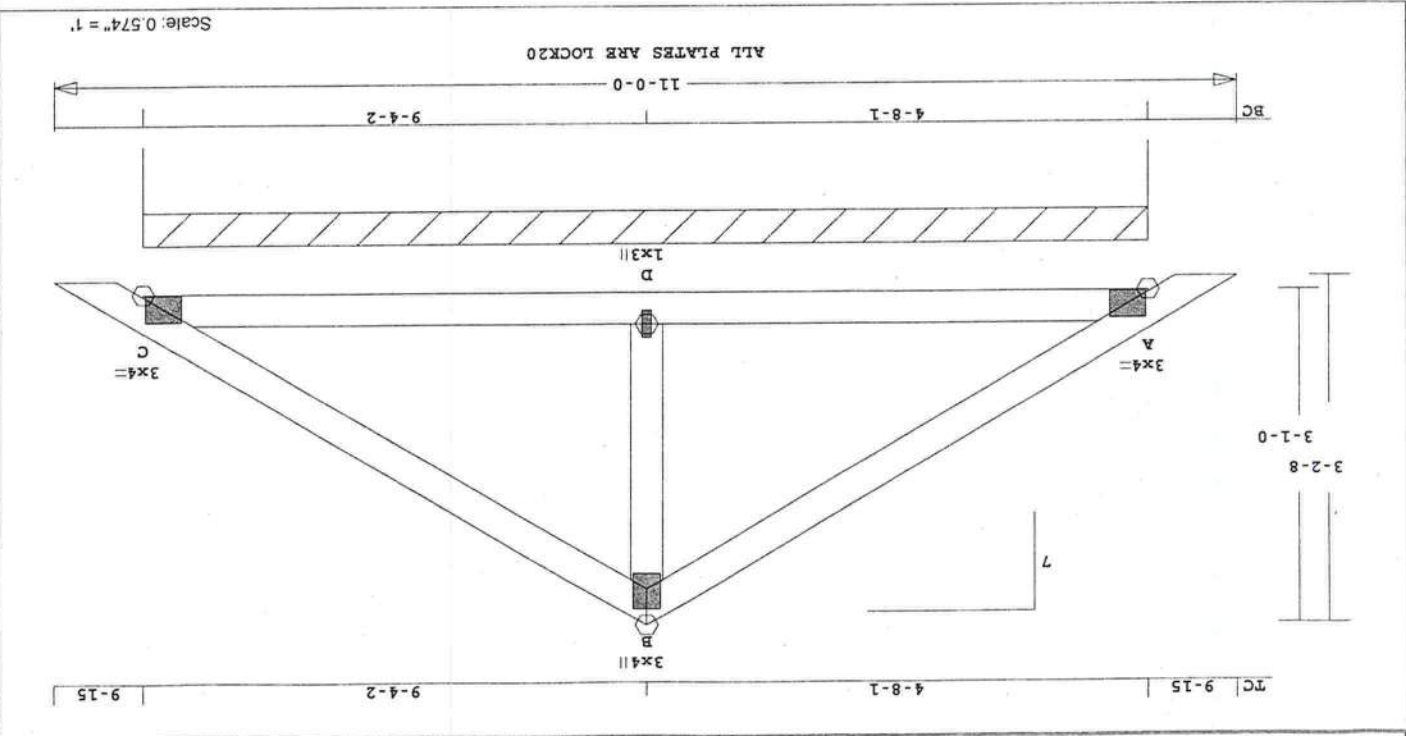
STANDARD LOADING		LUMBER STRESS INCREASE: 25.0%		PLATE STRESS INCREASE: 25.0%		LOADING		LIVE		DEAD (PSF)		REVIEWED BY:	
TOP CHD	20.0	10.0											Robbins Engineering, Inc.
BTM CHD	0.0	10.0											PO Box 280055
TOTAL	20.0	20.0	40.0										Tampa, FL 33682
SUPPORT CRITERIA		HORIZ		VERT		WIDTH		LBS		IN-SX		REFER TO ROBBINS ENG. GENERAL	
JT	TYPE											NOTES AND SYMBOLS SHEET FOR	
A	PIN	-4	178	4	0							ADDITIONAL SPECIFICATIONS.	
B	HORIZ RLR	0	21	3	8							For proper installation of	
C	HORIZ RLR	0	10	3	8							toe-nails, refer to the 2001	
		LEFT		RIGHT								National Design Specification	
HEEL		0 IN - 4 SX										(NDS) for Wood Construction	
MEMBR		CSI P (LBS)		MOIST W2ND								NOTES:	
A-B	0.01	14	34	0									1. TRUSSES MANUFACTURED BY -
		TOP CHORDS										Mayo Truss Co. Inc.	
A-C	0.01	0	1	-35	0							2. EMPIRICAL ANALOG IS USED.	
		BOTTOM CHORDS											
		WEBS											

Robbins Engineering, Inc./online plus" APPROX. TRUSS
SPAN/DEFL (DL+TL) = 999
Online plus -- Version 18.0.006 PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR
JT TYPE PLATE SIZE X
A 2001 3.00 X 4.00 5.3 3.4
B
C
STANDARD LOADING

4. FASTEN TRUSS TO BRG A
BC DEAD LOAD = 5.0 PSF
TC DEAD LOAD = 5.0 PSF
ENCLOSED BUILDING.
OCCUPANCY FACTOR - 1.00
EXPOSURE CATEGORY - B
MEAN ROOF HEIGHT - 15'
WIND SPEED - 120 MPH
FOR EXTERIOR ZONE LOCATION
MAIN WIND-FORCE RES SYSTEM
TRUSS IS DESIGNED AS A
3. WIND LOADS - ANSI/ASCE 7-98
GHT: 8.8 LBS



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	P1	1	TR	110000	7	9-15	9-15	T05090143
U# J#HUDSON VEP HUDSON								



6. FASTEN TRUSS TO BRG C FOR 201 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG D FOR 56 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

JT TYPE	PLATE	SIZE	X	Y
A	2001	3.00 X 4.00	5.3	3.4
B	3001R	3.00 X 4.00	2.2	1.5
C	2001	3.00 X 4.00	5.3	3.4
D	1001	1.00 X 3.00	CTR	CTR

R = PLATE IS ROTATED BY 90 DEG

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

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

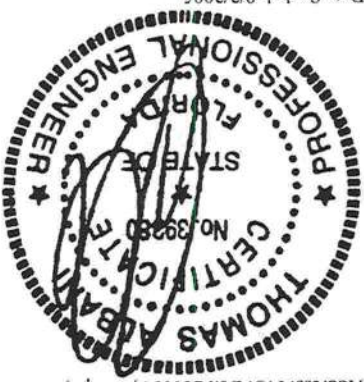
NOTES:

1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSII/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION MEAN ROOF HEIGHT - 15' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 TC DEAD LOAD = 5.0 PSF BC DEAD LOAD = 5.0 PSF HORIZONTAL LOAD OF 147 LBS. FOR 189 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

Online Plus -- Version 18.0.006
RUN DATE: 9-2-05
CS1 SIZE LUMBER 1.15FB
TOP 0.14 2X 4 SP-#2 1720
BTM 0.13 2X 4 SP-#2 1720
WBS 0.02 2X 4 SP-#2 1720
REPETITIVE MEMBER INCREASES:
FB 15.0% FT 0.0% FC 0.0%
LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%
LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0
SUPPORT CRITERIA
CONTINUOUS BETWEEN JNTS A & C
LEFT
RIGHT
HEEL OIN - 4SX
MEMBR CSI P (LBS) MOIST M2ND
A-B 0.14 167 T -334 707
B-C 0.14 152 C 840 -592
A-D 0.13 134 T -703 -384
D-C 0.13 134 T 384 703
WEBS
D-B = 116 C

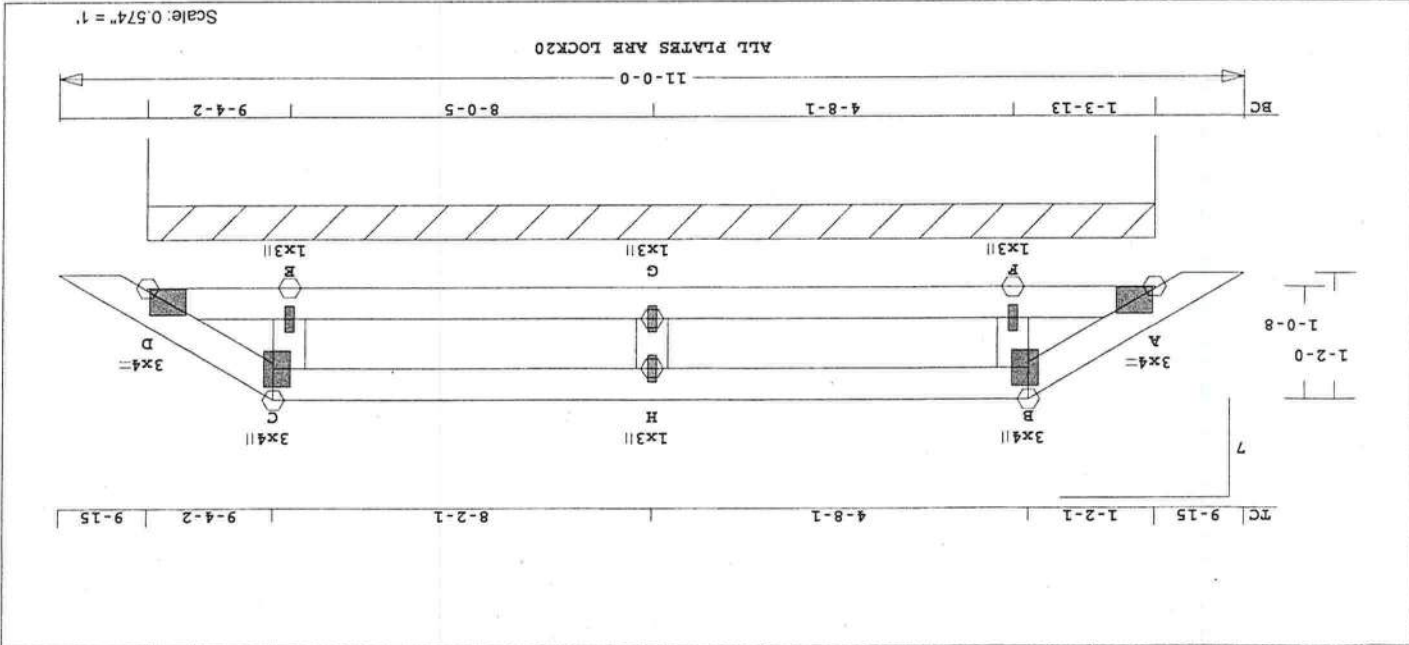
DL+LL DEFL = 0.04" IN A-B
LL DEFL = 0.00" > BRG-SPAN/240
SPAN/DEFL (DL+LL) = 999
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.



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

Date Scaled: 9/2/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	P3	1	HIPP	110000	7	9-15	9-15	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 42.2 LBS

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

UT TYPE PLATE SIZE X Y

A 2001 3.00 X 4.00 5.3 3.4

B 5101R 3.00 X 4.00 1.1

C 5101R 3.00 X 4.00 1.1

D 2001 3.00 X 4.00 5.3 3.4

E 1001 1.00 X 3.00 CTR

F 1001 1.00 X 3.00 CTR

G 1001 1.00 X 3.00 CTR

H 1001 1.00 X 3.00 CTR

R = PLATE IS ROTATED BY 90 DEG

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

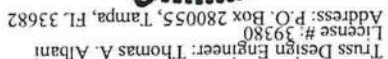
ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

MEMBR	CSI	P (LBS)	M@1ST M@2ND
A-B	0.03	27 T	-19
B-H	0.15	39 T	-131
H-C	0.15	39 T	-719
C-D	0.03	18 T	-147
A-F	0.02	19 T	45
F-G	0.00	19 T	-7
G-E	0.00	19 T	3
E-D	0.01	19 T	-7
F-B	=	131 C	G-H = 244 C
E-C	=	131 C	
DL+LL DEFL	=	0.01" IN	B-H
LT DEFL	<	BRG-SPAN/240	
SPAN/DEFL	(DL+LL)	=	999





1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNATED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF

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

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

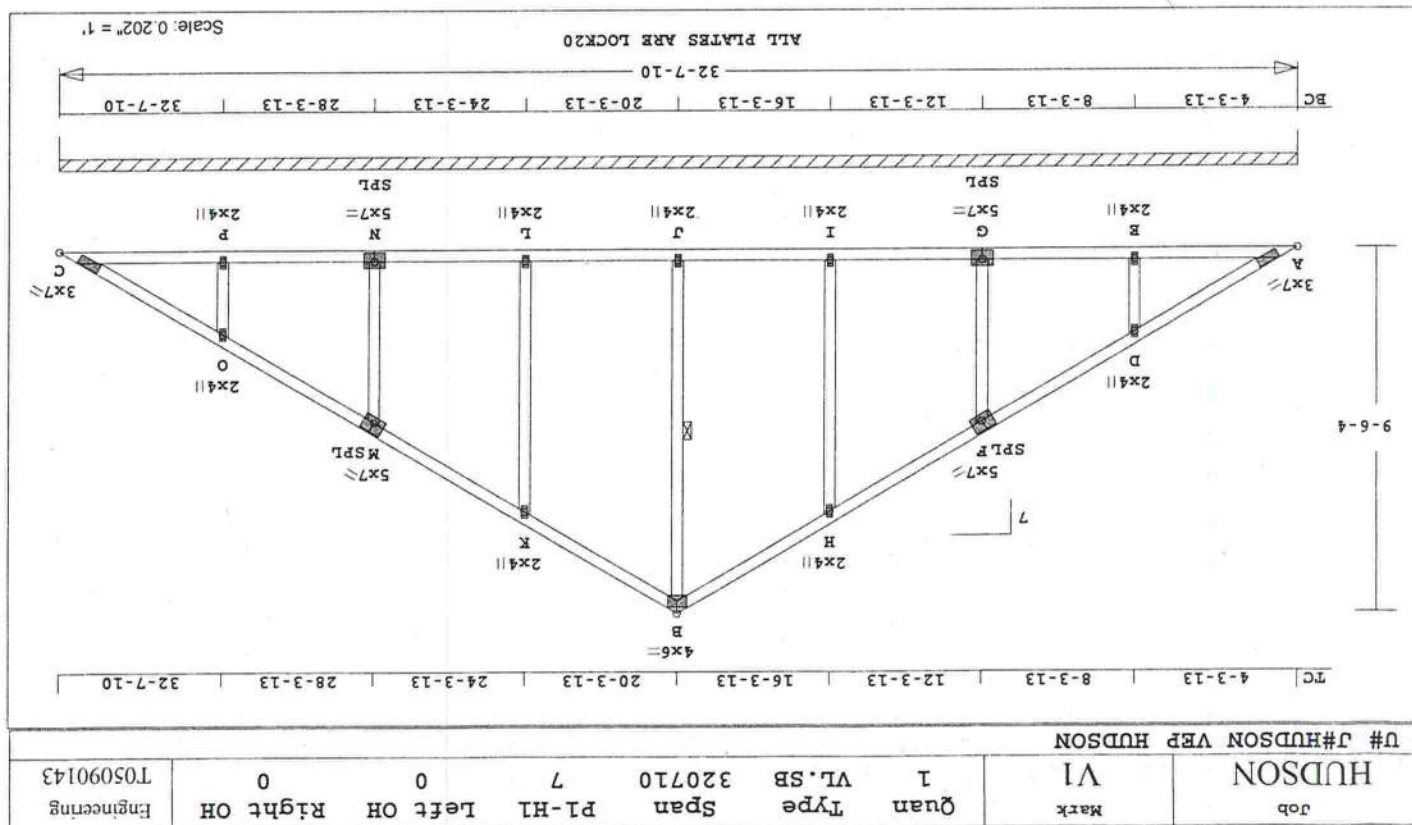
REVIEWED BY:

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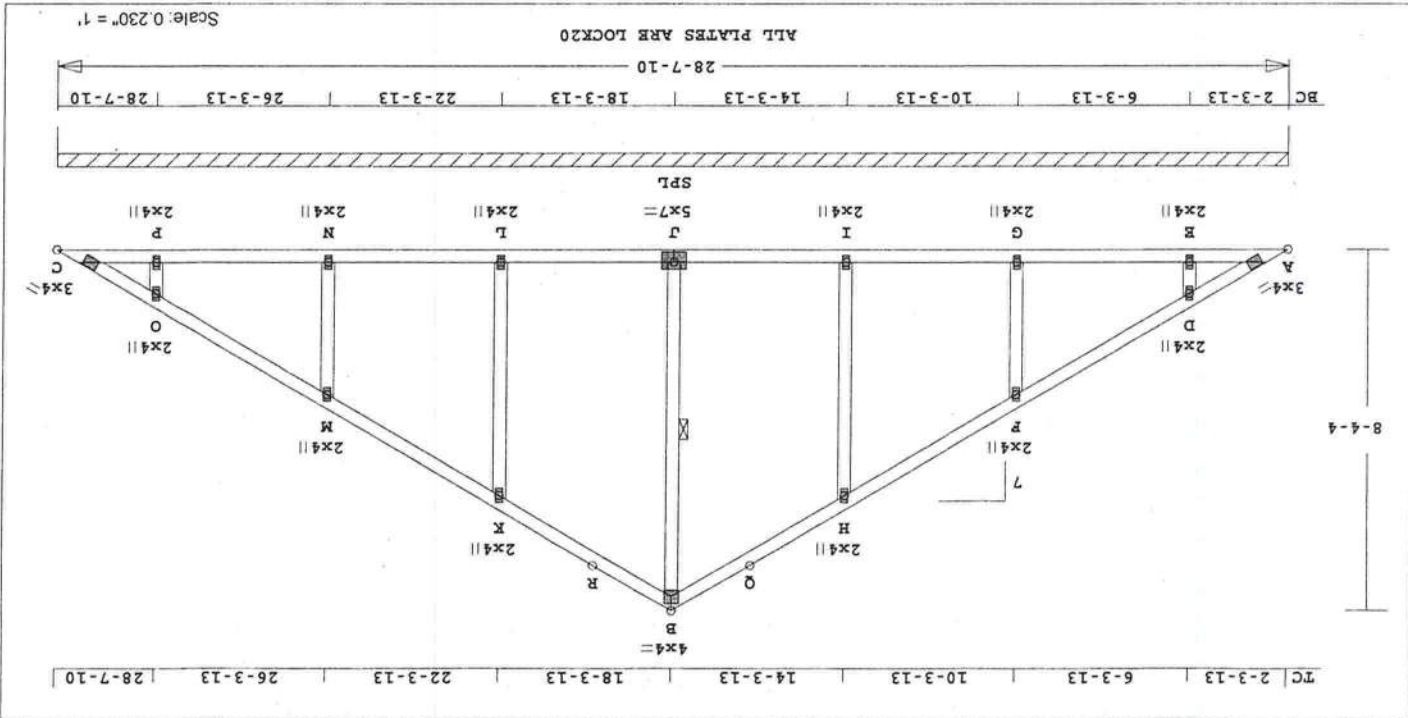
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1338 - 465 PLI PER PAIR
SHEAR 784 - 506 PLI PER PAIR

ing, Inc./Online Plus. APPROX.
LT DEFL > BRG-SPAN/240
SPAN/DEFL (DL+LT) = 999

RUN DATE: 9 - 2-05	
RUNLINE PLUS -- Version 18.0.006	
CSI	SIZE LUMBER 1.15FB
TOP	0.18 2X 4 SP#2 1720
BTM	0.20 2X 4 SP#2 1720
REPETITIVE MEMBER INCREASES:	
FB	15.0% FT 0.0% FC 0.0%
LATERAL BRACING:	
TOP CHORD - CONTINUOUS	
BTM CHORD - CONTINUOUS	
ONE BRACE - J-B	
TRUSS SPACING - 24.0 IN.	
STANDARD LOADING	
LUMBER STRESS INCREASE: 25.0%	
PLATE STRESS INCREASE: 25.0%	
LOADING	
LIVE	
DEAD (PSF)	
TOP CHD 20.0 10.0	
BTM CHD 0.0 10.0	
TOTAL 20.0 20.0	
SUPPORT CRITERIA	
CONTINUOUS BETWEEN JNTS A & C	
LEFT	
RIGHT	
GIRD	0IN - OSX
MEMBR	CSI (LBS) @1ST @2ND
TOP CHORDS	
A-D	0.18 341 C -299
D-F	0.18 265 C -606
F-H	0.16 220 T -495
H-B	0.16 302 T -473
B-X	0.17 278 T -463
K-M	0.16 134 T -484
M-O	0.18 80 C -455
O-C	0.18 168 C -1202
BOTTOM CHORDS	
A-E	0.10 206 T 297
E-G	0.04 206 T -82
G-I	0.03 206 T 22
I-J	0.03 206 T -4
J-L	0.03 206 T 4
N-N	0.03 206 T -12
N-P	0.05 206 T 44
P-C	0.10 206 T -166
MEMBS	
E-D	= 269 C G-E = 245 T
I-H	= 270 T J-B = 192 C
P-O	= 269 C N-M = 245 T
DL+LT DEF'L = 0.02" IN O-C	



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V2	1	VL.SB	280710	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05

CS1 SIZE LUMBER 1.15PB
 TOP 0.16 2X 4 SP-#2 1720
 BTM 0.03 2X 4 SP-#2 1720
 WBS 0.14 2X 4 SP-#2 1720
 REPTITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 40.0

MEMBER CSI P (LBS) M@1ST M@2ND
 GIRDS OIN - OSX OIN - OSX
 LEFT RIGHT
 CONTINUOUS BETWEEN JOINTS A & C
 SUPPORT CRITERIA
 TOTAL 20.0 40.0
 BTM CHD 0.0 10.0
 TOP CHD 20.0 10.0

DL+LL DEFL = 0.02" AT Q
 P-O = 215 C
 L-R = 266 T N-M = 259 T
 I-H = 267 T J-B = 192 C
 R-D = 215 C G-E = 258 T

NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co., Inc.
 2. EMPIRICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF

REVISED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682
 REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

- ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 407 LBS.
 5. FASTEN TRUSS TO BRG A
 FOR 91 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG E
 FOR 190 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG G
 FOR 257 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG I
 FOR 266 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG L
 FOR 265 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG N
 FOR 257 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG P
 FOR 199 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.

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

THOMAS ALBANI
 CERTIFICATED
 No. 39380
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

Date Sealed: 9/2/2005

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

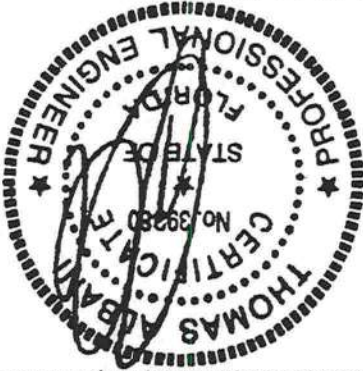
NOTES:

1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSII/ASCE 7-98

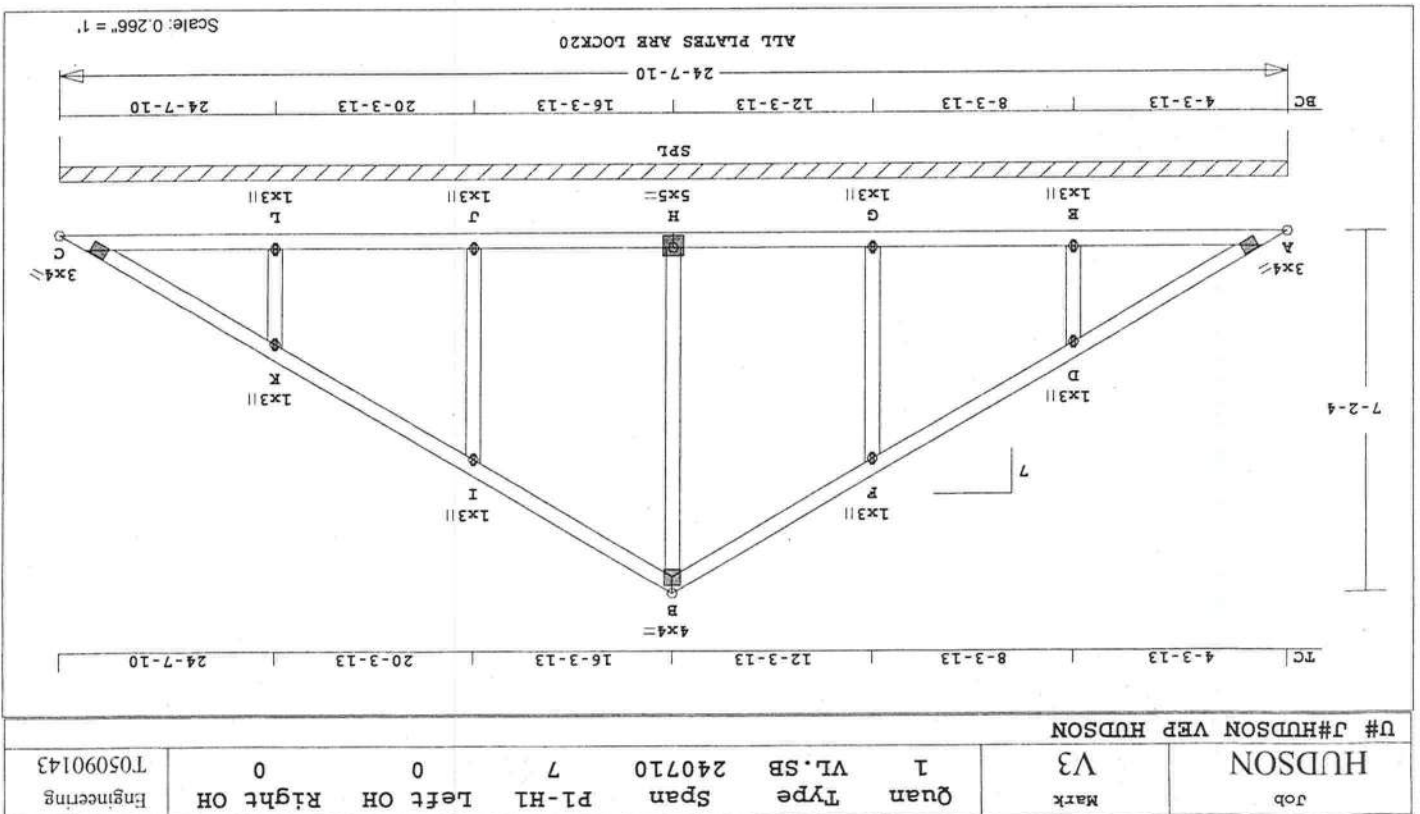
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339- 465 PLI PER PAIR
SHEAR 784- 506 PLI PER PAIR

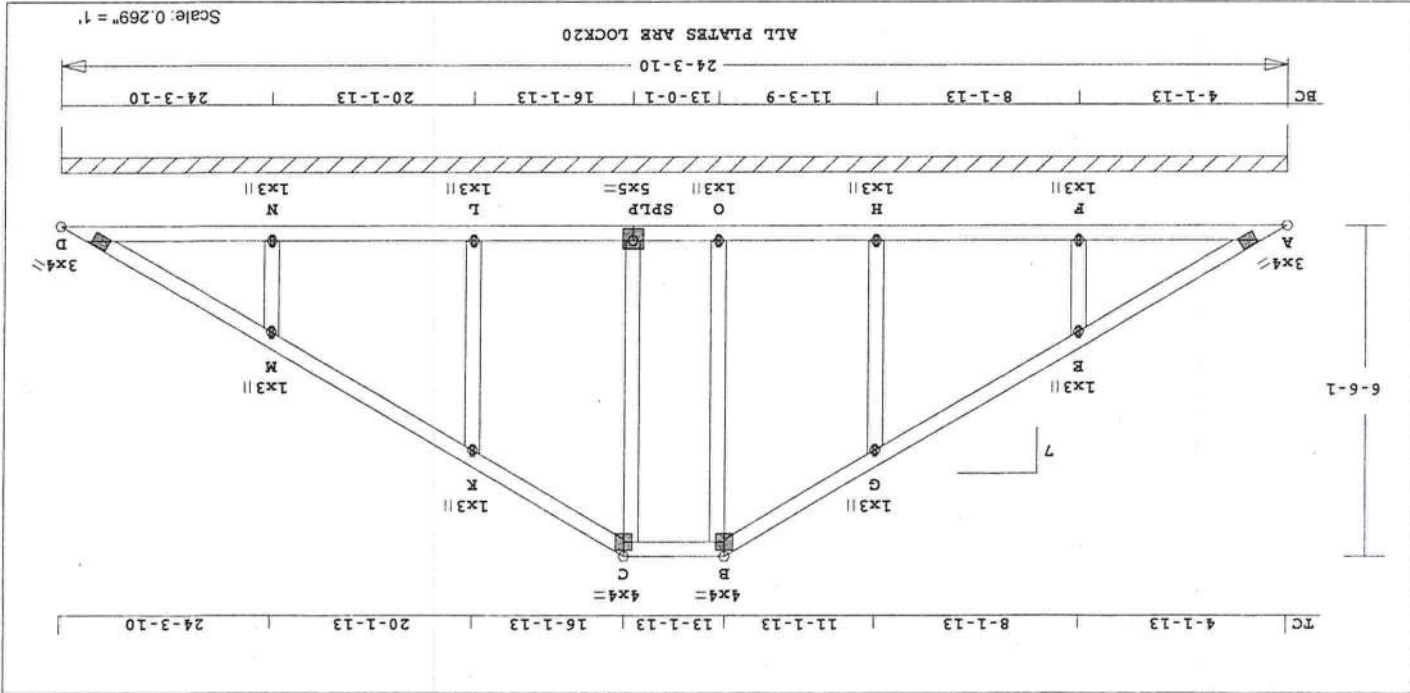
4. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 347 LBS.
5. FASTEN TRUSS TO BRG A FOR 57 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALT OR BRG.
6. FASTEN TRUSS TO BRG E FOR 280 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALT OR BRG.
7. FASTEN TRUSS TO BRG G FOR 256 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALT OR BRG.
8. FASTEN TRUSS TO BRG J FOR 256 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALT OR BRG.
9. FASTEN TRUSS TO BRG L FOR 285 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALT OR BRG.



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



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V4	1	VLHP.SB	240310	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05
 CSI SIZE LUMBER 1.15PB
 TOP 0.18 2X 4 SP-#2 1720
 BTM 0.09 2X 4 SP-#2 1720
 WBS 0.08 2X 4 SP-#2 1720
 REPERITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.
 STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & D
 LEFT RIGHT
 GIRD 0IN - 0SX 0IN - 0SX

MEMBER CSI P(LBS) M01ST M02ND
 A-E 0.18 222 C -267 585
 E-G 0.18 168 T 683 -502
 G-B 0.12 213 T -416 75
 B-C 0.05 208 T -131 203
 C-K 0.13 193 T -118 841
 K-M 0.18 73 T -418 587
 M-D 0.18 90 C -1176 534
 A-F 0.09 133 T 262 72
 F-H 0.03 133 T -72 -21
 H-O 0.02 133 T 21 3
 O-P 0.02 133 T -3 12
 P-L 0.02 133 T -12 -44
 L-N 0.04 133 T 44 146
 N-D 0.09 133 T -146 -534
 F-E = 266 C H-G = 234 T
 O-B = 126 C P-C = 126 C
 L-X = 234 T N-M = 268 T
 DL+LL DEFLL = 0.02" IN A-E
 LL DEFLL < BRG-SPAN/240

NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF

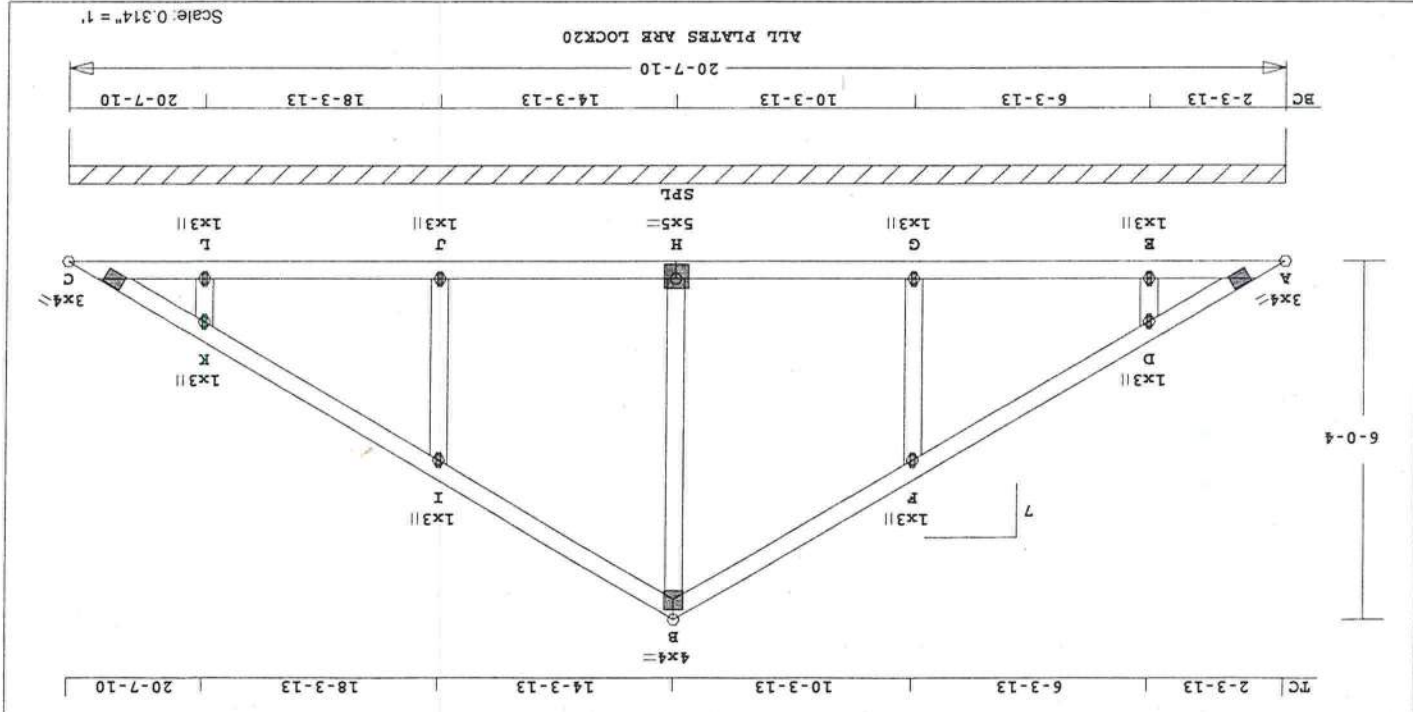
REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR
 JT TYPE PLATE SIZE X
 A 2003 3.00 X 4.00 5.0 3.2
 B 5101 4.00 X 4.00 CTR
 C 5101 4.00 X 4.00 CTR
 D 2003 3.00 X 4.00 5.0 3.2
 E 1001 1.00 X 3.00 CTR
 F 1001 1.00 X 3.00 CTR
 G 1001 1.00 X 3.00 CTR
 H 1001 1.00 X 3.00 CTR
 K 1001 1.00 X 3.00 CTR
 L 1001 1.00 X 3.00 CTR
 M 1001 1.00 X 3.00 CTR
 N 1001 1.00 X 3.00 CTR
 O 1001 1.00 X 3.00 CTR
 P 1102 5.00 X 5.00 CTR 3.0



4. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 316 LBS.
 5. PROVIDE DRAINAGE TO
 PREVENT WATER PONDING.
 6. FASTEN TRUSS TO BRG A
 FOR 54 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 7. FASTEN TRUSS TO BRG F
 FOR 281 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 8. FASTEN TRUSS TO BRG H
 FOR 227 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 9. FASTEN TRUSS TO BRG O
 FOR 89 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 10. FASTEN TRUSS TO BRG L
 FOR 227 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 11. FASTEN TRUSS TO BRG N
 FOR 285 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.

Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	VS	1
Quan	VL.SB	200710
Type	Span	PL-HI
Left OH	0	0
Right OH	0	0
Engineering	T05090143	



Online Plus -- Version 18.0.006
RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB
TOP 0.17 2X 4 SP-#2 1720
BTM 0.02 2X 4 SP-#2 1720
WBS 0.11 2X 4 SP-#2 1720
REPERITIVE MEMBER INCREASES:
FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0
SUPPORT CRITERIA

CONTINUOUS BETWEEN JNTS A & C
LEFT
RIGHT
GIRD OIN - OSX
MEMBR CSI P(LBS) MOIST M2ND

TOP CHORDS
A-D 0.11 215 C -32 349
E-G 0.02 118 T 13 2
H-J 0.02 118 T 0 0
K-L 0.02 118 T 2 9

BOTTOM CHORDS
A-C 0.11 108 C -753 47
D-F 0.17 164 C -349 677
G-I 0.17 183 T -521 463
J-L 0.02 118 T 0 0

WEBS
L-C 0.02 118 T -9 -47
J-L 0.02 118 T 2 9
H-J 0.02 118 T 0 0
G-H 0.02 118 T 0 0

E-D = 211 C G-F = 277 T
H-B = 188 C J-I = 277 T
L-K = 211 C

DL+LL DEFL = 0.02" IN F-B
LT DEFL < BRG-SPAN/240

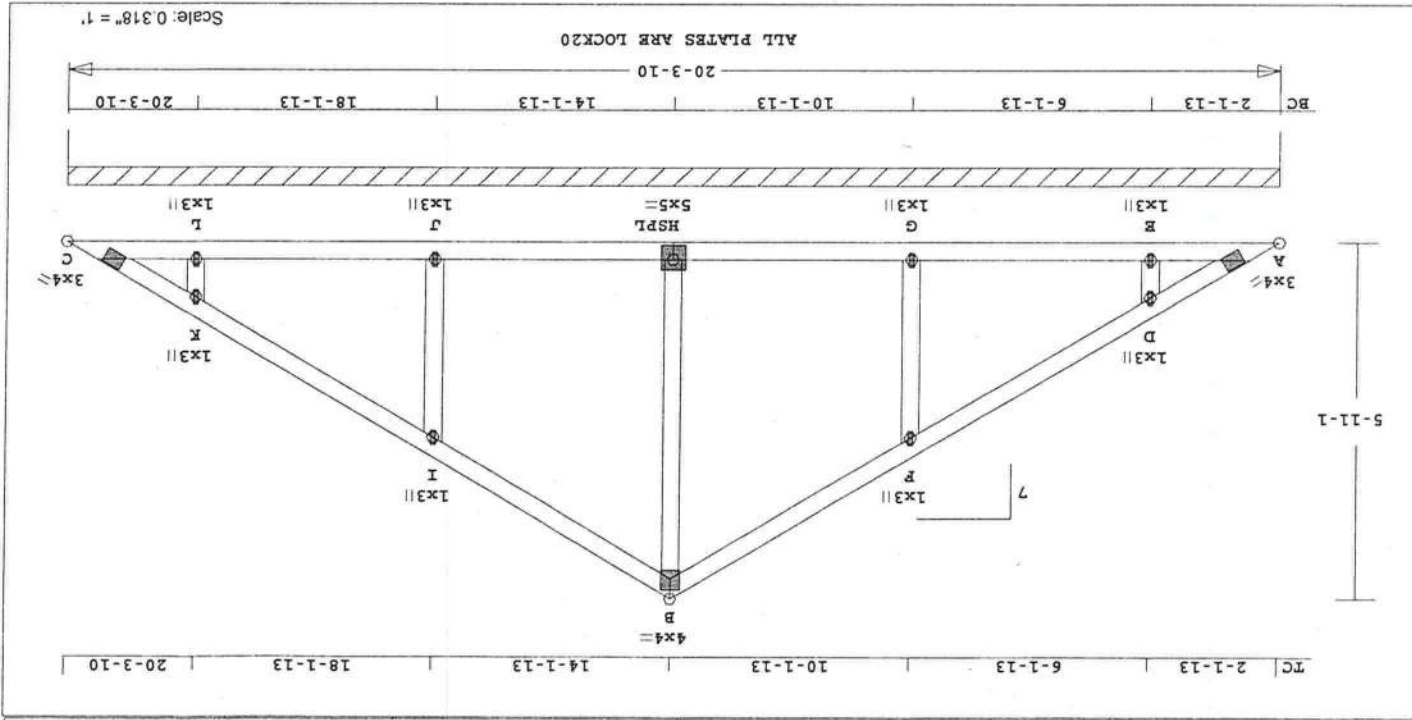
NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co., Inc.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
DATE Scaled: 9/2/2005

4. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 288 LBS.
5. FASTEN TRUSS TO BRG A
FOR 56 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG E
FOR 195 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG G
FOR 276 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
8. FASTEN TRUSS TO BRG J
FOR 276 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
9. FASTEN TRUSS TO BRG L
FOR 202 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	V6	1
Quan	Type	Span
VL.SB	200310	7
Left OH	Right OH	0
Engineering	T05090143	



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 104.7 LBS

SPAN/DEFL (DL+LL) = 999

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339- 465 PLI PER PAIR

SHEAR 784- 506 PLI PER PAIR

JT TYPE PLATE SIZE X Y

A 2003 3.00 X 4.00 5.0 3.2

B 3001 4.00 X 4.00 2.0 2.2

C 2003 3.00 X 4.00 5.0 3.2

D 1001 1.00 X 3.00 3.0 3.0

E 1001 1.00 X 3.00 3.0 3.0

F 1001 1.00 X 3.00 3.0 3.0

G 1001 1.00 X 3.00 3.0 3.0

H 1102 5.00 X 5.00 3.0 3.0

I 1001 1.00 X 3.00 3.0 3.0

J 1001 1.00 X 3.00 3.0 3.0

K 1001 1.00 X 3.00 1.5 0.5

L 1001 1.00 X 3.00 1.5 0.5

REVISED BY:

Robbins Engineering, Inc.

Tampa, FL 33682

PO Box 280055

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD =

5.0 PSF

BC DEAD LOAD =

5.0 PSF

Online Plus -- Version 18.0.006

RUN DATE: 9-2-05

CSI

TOP 0.17

BTM 0.02

WBS 0.11

REPELITIVE MEMBER INCREASES:

FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 20.0

SUPPORT CRITERIA

CONTINUOUS BETWEEN JOINTS A & C

RIGHT

GIRD OIN - OSX

MEMBR CSI P (LBS) M@1ST M@2ND

A-D 0.11 212 C -16 345

D-F 0.17 164 C -345 678

E-G 0.02 115 T 0 0

G-H 0.02 115 T 0 0

H-J 0.02 115 T 0 0

J-L 0.02 115 T 0 0

L-C 0.02 115 T -2 -14

WEBS

E-D = 208 C

H-B = 187 C

L-K = 208 C

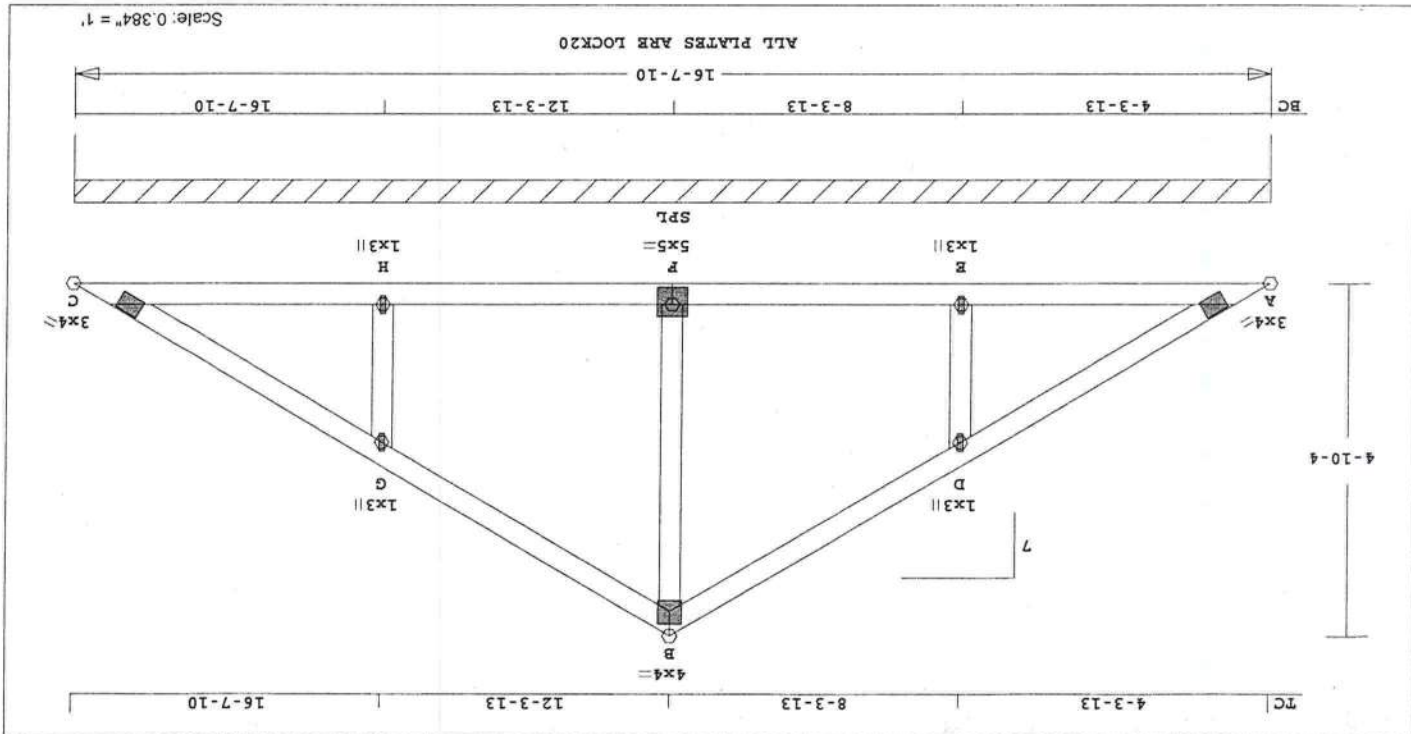
DL+LL DEFL = 0.02" IN F-B

LT DEFL > BRG-SPAN/240



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
HUDSON	V7	1	VL.SB	160710	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 81.1 LBS

Online Plus -- Version 18.0.006 PLATING CONFORMS TO TPI. REPORT: NER 691

ROBBINS ENGINEERING, INC. BASED ON SP LUMBER

USING GROSS AREA TEST. PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR SHEAR 784-506 PLI PER PAIR

BTM CHORD - CONTINUOUS TOP CHORD - CONTINUOUS

TRUSS BRACING - 24.0 IN. STANDARD LADING

LUMBER STRESS INCREASE: 25.0% PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF) TOP CHD 20.0 10.0

BTM CHD 20.0 10.0 SUPPORT CRITERIA

TOTAL 20.0 20.0 40.0 CONTINUOUS BETWEEN JNTS A & C

LEFT RIGHT GIRD OIN - OSX OIN - OSX

MEMBER CSI P (LBS) M@1ST M@2ND

TOP CHORDS

A-D 0.19 151 C -261 727

D-B 0.19 142 T -589 424

B-G 0.19 119 T -378 1311

G-C 0.19 63 C -719 262

A-E 0.10 91 T 301 93

E-F 0.03 91 T -93 -64

F-H 0.03 91 T 64 163

H-C 0.10 91 T -163 -570

E-D = 286 T F-B = 181 C

H-G = 289 T

DL+LT DEFL = 0.02" IN G-C

LT DEFL > BRG-SPAN/240

Robbins Engineering, Inc./Online Plus™ © 1996-2005 Version 18.0.006 Engineering - Portal 9/2/2005 8 08 26 AM Page 1

BC DEAD LOAD = 5.0 PSF

TC DEAD LOAD = 5.0 PSF

ENCLOSED BUILDING.

OCCUPANCY FACTOR - 1.00

EXPOSURE CATEGORY - B

MEAN ROOF HEIGHT - 15'

WIND SPEED - 120 MPH

FOR EXTERIOR ZONE LOCATION

MAIN WIND-FORCE RES SYSTEM

TRUSS IS DESIGNED AS A

3. WIND LOADS - ANSII/ASCE 7-98

2. EMPIRICAL ANALOG IS USED.

Mayo Truss Co. Inc.

1. TRUSSES MANUFACTURED BY -

NOTES:

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

1. TRUSSES MANUFACTURED BY -

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSII/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

Robbins Engineering, Inc./Online Plus™ © 1996-2005 Version 18.0.006 Engineering - Portal 9/2/2005 8 08 26 AM Page 1

Date Sealed: 9/2/2005

Truss Design Engineer: Thomas A. Albani

License #: 39380

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

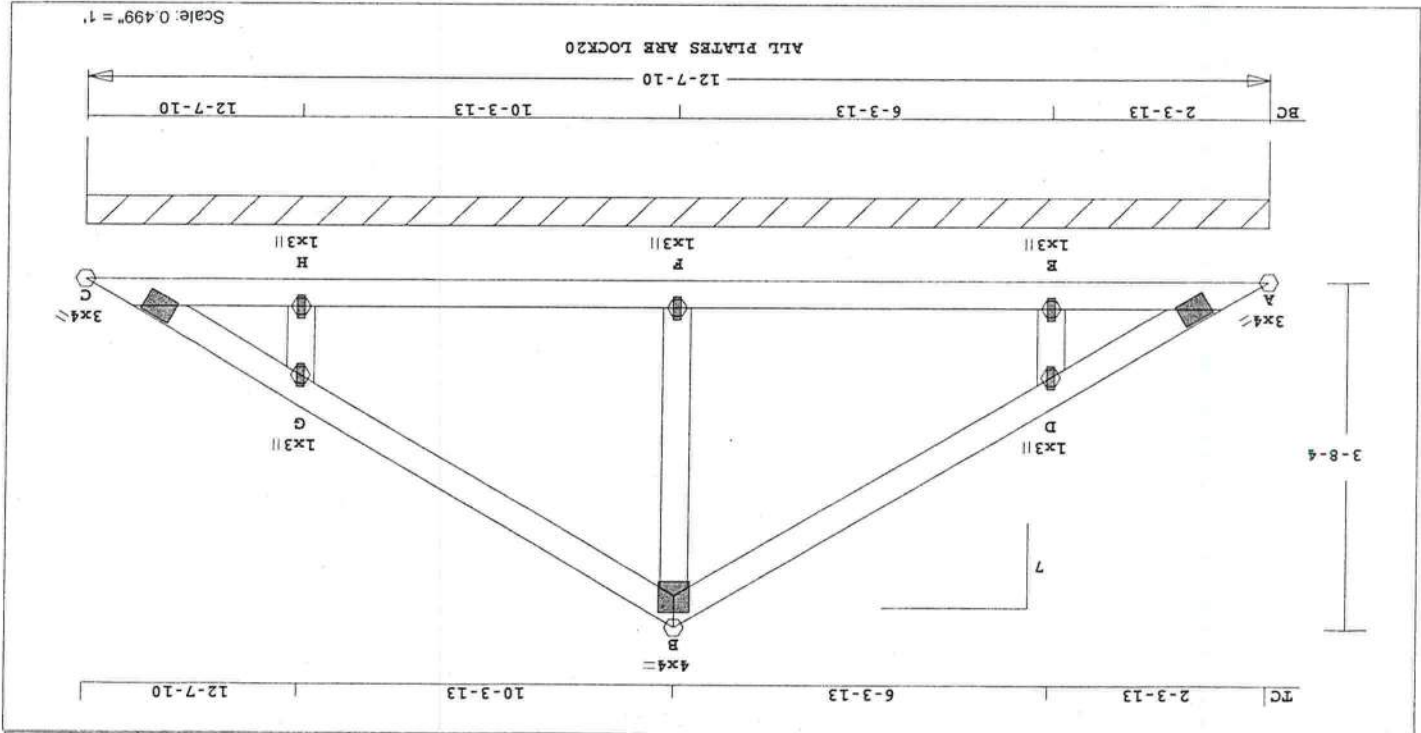
THOMAS A. ALBANI

CERTIFICATE

FLORIDA

PROFESSIONAL ENGINEER

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
HUDSON	V9	1	VL.SB	120710	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.1 LBS

SPAN/DEFL (DL+LL) = 999

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

- ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 169 LBS.
- FASTEN TRUSS TO BRG E FOR 230 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG F FOR 70 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG H FOR 233 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

JT TYPE	PLATE SIZE	X	Y
A	2003	3.00 X 4.00	5.0
B	3001	4.00 X 4.00	2.2
C	2003	3.00 X 4.00	5.0
D	1001	1.00 X 3.00	CTR
E	1001	1.00 X 3.00	CTR
F	1001	1.00 X 3.00	CTR
G	1001	1.00 X 3.00	CTR
H	1001	1.00 X 3.00	CTR

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.
- EMPIRICAL ANALOG IS USED.
- WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 120 MPH MEAN ROOF HEIGHT - 15' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING. TC DEAD LOAD = 5.0 PSF BC DEAD LOAD = 5.0 PSF

CSI	SIZE LUMBER	1.15FB
TOP	0.13	2X 4 SP-#2
BTM	0.01	2X 4 SP-#2
WBS	0.05	2X 4 SP-#2

REPETITIVE MEMBER INCREASES: FB 15.0% FT 0.0% FC 0.0%

STANDARD LOADING	LUMBER STRESS INCREASE: 25.0%
LOADING LIVE DEAD (PSF)	25.0%
TOP CHD	20.0
BTM CHD	0.0
TOTAL	20.0

SUPPORT CRITERIA CONTINUOUS BETWEEN JNTS A & C

MEMBER	CSI	P (LBS)	M01ST M02ND
A-D	0.13	126 C	32
D-B	0.13	104 T	-376
B-G	0.13	80 T	-458
G-C	0.13	62 C	-577

A-E	0.01	65 T	24
E-F	0.01	65 T	-4
F-H	0.01	65 T	0
H-C	0.01	65 T	6

DL+LL DEFL = 0.02" IN D-B

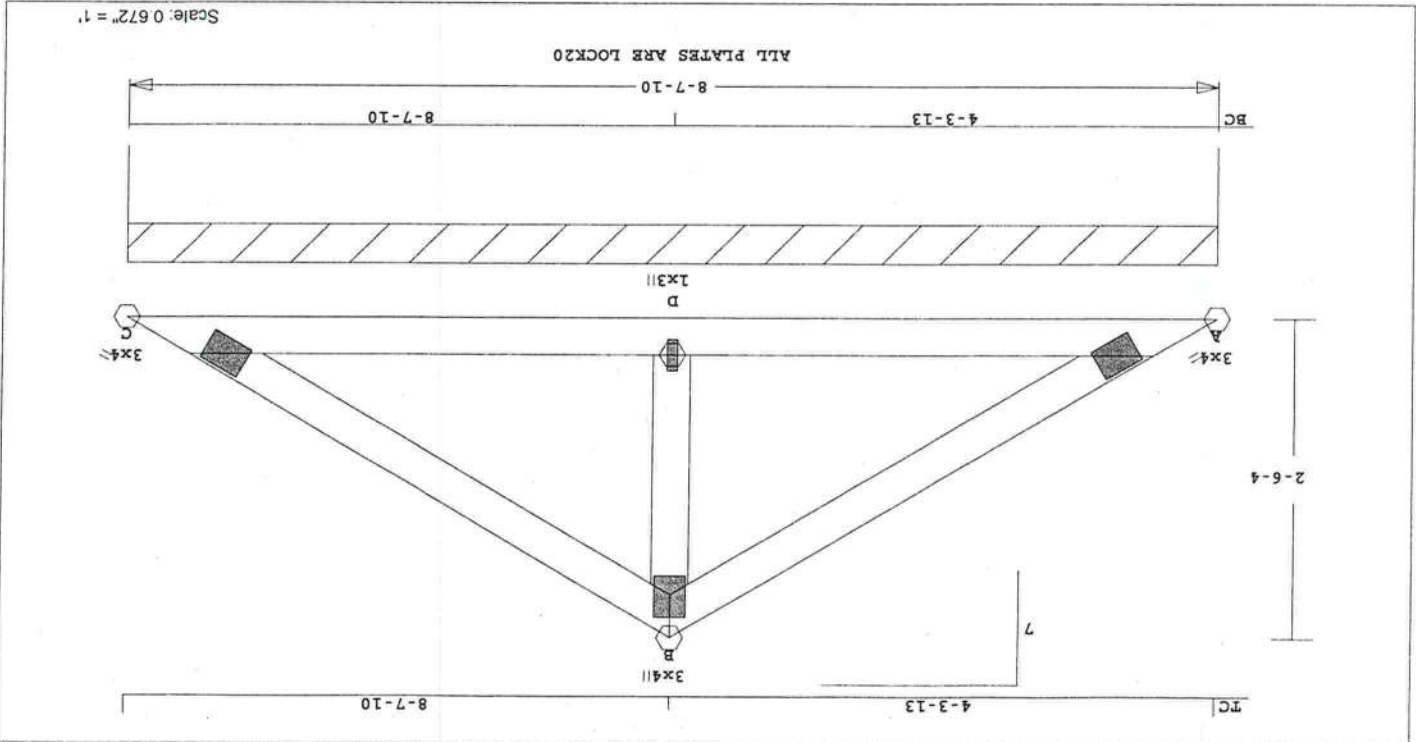
LT DEFL > BRG-SPAN/240



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

Date Sealed: 9/2/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	VII	1	VL-SB	80710	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



5. FASTEN TRUSS TO BRG A FOR 88 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG C FOR 98 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG D FOR 147 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

UT TYPE	PLATE SIZE	X	Y
A 2003	3.00 X 4.00	5.0	3.2
B 3001R	3.00 X 4.00	2.2	1.5
C 2003	3.00 X 4.00	5.0	3.2
D 1001	1.00 X 3.00	CTR	CTR

R = PLATE IS ROTATED BY 90 DEG

REVIEWED BY: Robbings Engineering, Inc.

PO Box 280055 Tampa, FL 33682

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

NOTES:

1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED. TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 120 MPH MEAN ROOF HEIGHT - 15' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING.
3. WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A
4. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 109 LBS.

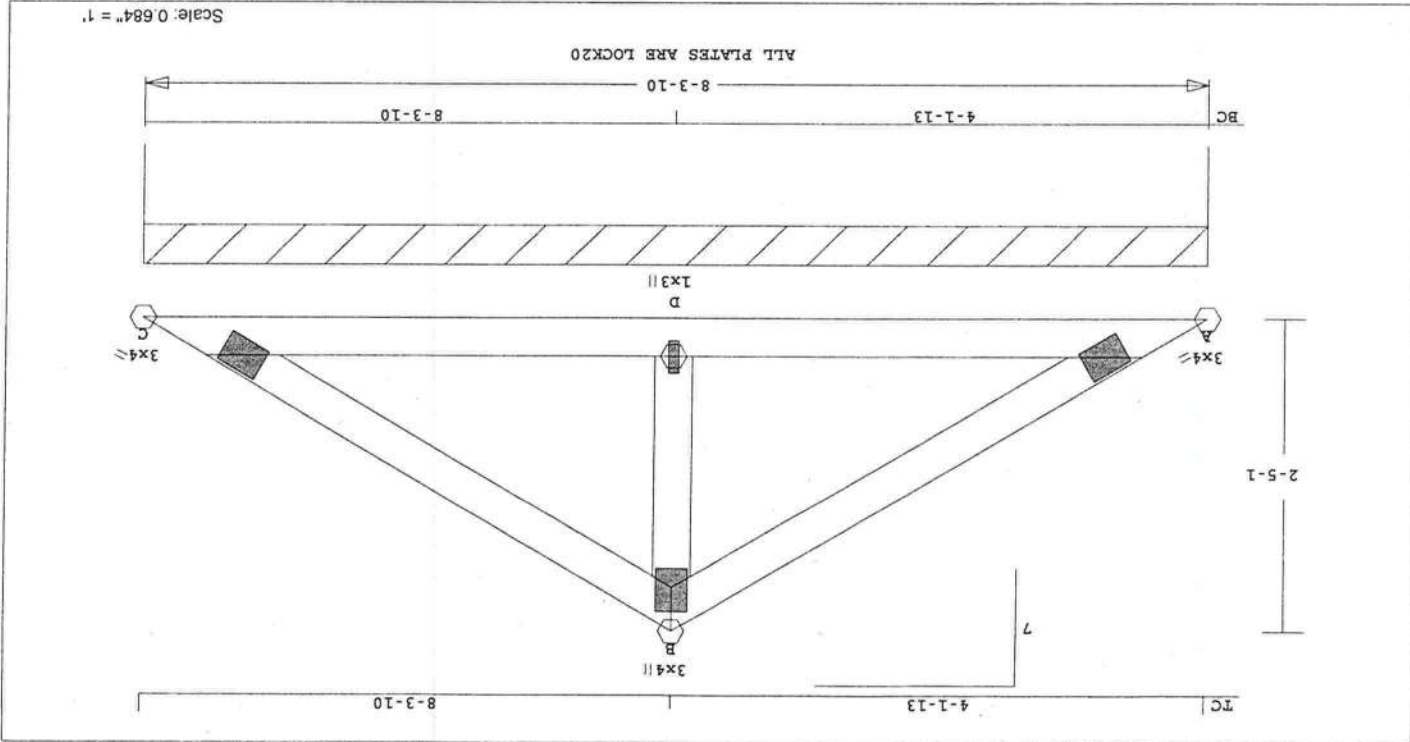
Online Plus -- Version 18.0.006
 RUN DATE: 9-2-05
 CSI SIZE LUMBER 1.15PB
 TOP 0.13 2X 4 SP-#2 1720
 BTM 0.12 2X 4 SP-#2 1720
 WBS 0.03 2X 4 SP-#2 1720
 REPEATITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%
 LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 40.0
 SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C
 LEFT RIGHT
 GIRD OIN - OSX OIN - OSX
 MEMBR CSI P (LBS) M@1ST M@2ND
 A-B 0.13 68 T -314 609
 B-C 0.13 48 T -607 315
 BOTTOM CHORDS
 A-D 0.12 42 T -511 -18
 D-C 0.12 42 T 18 -438
 WEBS
 D-B = 225 C

DL+LL DEFL = 0.03" IN A-B
 LT DEFL < BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 999
 PLATING CONFORMS TO TPI.
 REPORT: NER 691



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V12	1	VL-SB	80310	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Scale: 0.684" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 35.0 LBS

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR

5. FASTEN TRUSS TO BRG A
FOR 85 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
6. FASTEN TRUSS TO BRG C
FOR 94 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
7. FASTEN TRUSS TO BRG D
FOR 142 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

UT TYPE PLATE SIZE X
A 2003 3.00 X 4.00 5.0 3.2
B 3001R 3.00 X 4.00 2.2 1.5
C 2003 3.00 X 4.00 5.0 3.2
D 1001 1.00 X 3.00 CTR CTR

R = PLATE IS ROTATED BY 90 DEG

REVIEWED BY:

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

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

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

4. ANCHOR TRUSS FOR A TOTAL

HORIZONTAL LOAD OF 104 LBS.

Online Plus -- Version 18.0.006
RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB

TOP 0.12 2X 4 SP-#2 1720

BTM 0.11 2X 4 SP-#2 1720

WBS 0.03 2X 4 SP-#2 1720

REPETITIVE MEMBER INCREASES:

FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 40.0

SUPPORT CRITERIA

CONTINUOUS BETWEEN JNTS A & C

LEFT

RIGHT

GIRD 0IN - 0SX 0IN - 0SX

MEMBR CSI P(LBS) M@1ST M@2ND

A-B 0.12 65 T -291 553

B-C 0.12 46 T -550 292

BOTTOM CHORDS

A-D 0.11 40 T -471 -17

D-C 0.11 40 T -403

WEBS

D-B = 217 C

DL+LL DEFL = 0.02" IN A-B

LT DEFL < BRG-SPAN/240

SPAN/DEFL (DL+LL) = 999

PLATING CONFORMS TO TPI.

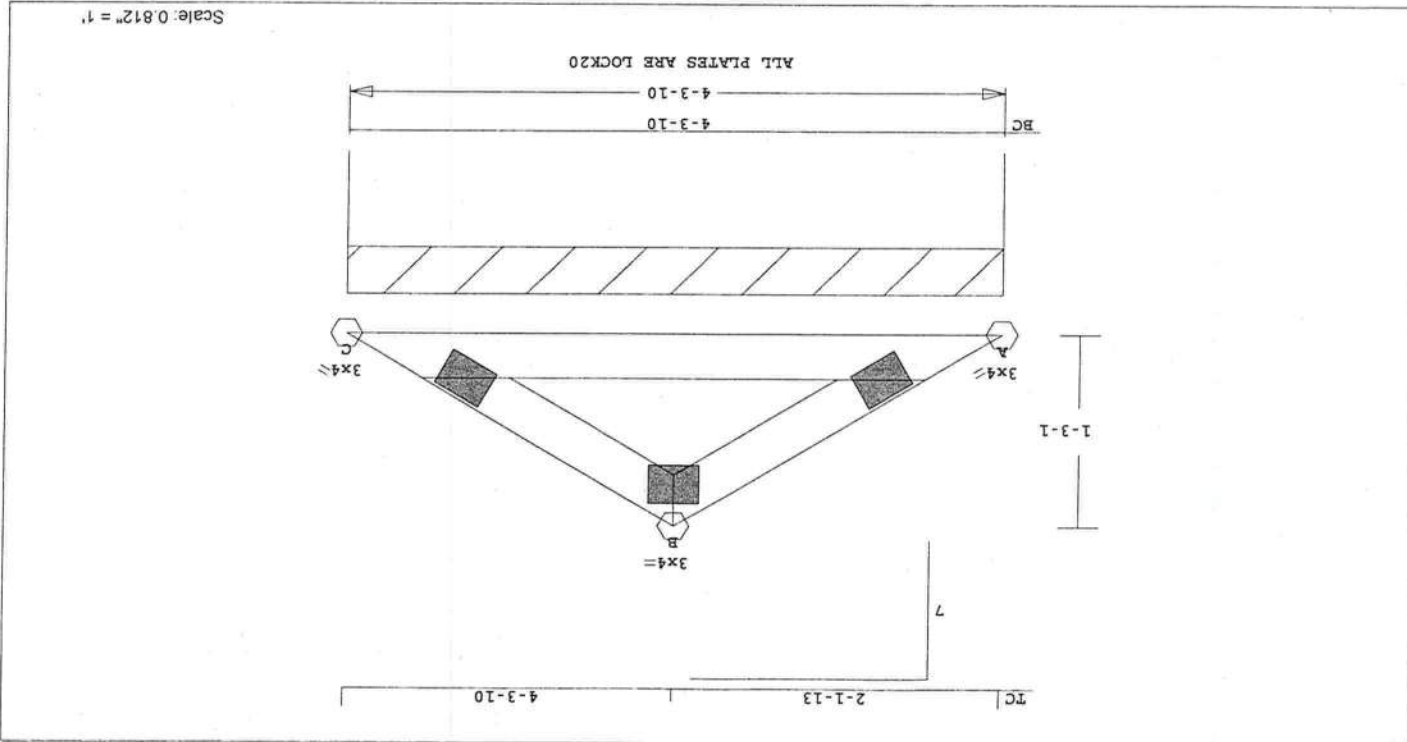
REPORT: NER 691



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

Date Sealed: 9/2/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V13	1	VL.SB	40310	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



4. FASTEN TRUSS TO BRG A FOR 79 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG C FOR 79 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.3 LBS
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339- 465 PLI PER PAIR
 SHEAR 784- 506 PLI PER PAIR

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C

MEMBR CSI P(LBS) M@1ST M@2ND
 TOP CHORDS
 A-B 0.05 143 C 83 -327
 B-C 0.05 143 C 327 -83
 A-C 0.04 127 T -83 83
 WEBS
 DL+LL DEFL = 0.00" IN B-C
 LT DEFL > BRG-SPAN/240
 SPAN/DEFL (DL+LL) = 999

- NOTES:
1. TRUSSES MANUFACTURED BY -
 2. EMPIRICAL ANALOG IS USED.
 3. WIND LOADS - ANSI/ASCE 7-98
- TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF





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

PLATING CONFORMS TO TPI.

DL+LL DEFL = 0.01" IN A-B
LT DEFL < BRG-SPAN/240
SPAN/DEFL (DL+LL) = 999

BC DEAD LOAD = 5.0 PSF
TC DEAD LOAD = 5.0 PSF
ENCLOSED BUILDING.
OCCUPANCY FACTOR - 1.00
EXPOSURE CATEGORY - B
MEAN ROOF HEIGHT - 15'
WIND SPEED - 120 MPH
FOR EXTERIOR ZONE LOCATION
MAIN WIND-FORCE RES SYSTEM
TRUSS IS DESIGNED AS A
3. WIND LOADS - ANSI/ASCE 7-98
2. EMPIRICAL ANALOG IS USED.
Mayo Truss Co. Inc.
1. TRUSSES MANUFACTURED BY -

MEMBR	CSI P(LBS) M@1ST M@2ND	A-B	0.09	53 T	-213	371
B-C	0.09	37 T	-368	215		
A-D	0.08	33 T	-340	-13		
D-C	0.08	33 T	13	-288		
WEBS						
D-B	=	186 C				

SUPPORT CRITERIA						
TOTAL	20.0	20.0	40.0			
BTM CHD	0.0	10.0				
TOP CHD	20.0	10.0				
LOADING LIVE	20.0	10.0				
DEAD (PSF)						
PLATE STRESS INCREASE:	25.0%					
LUMBER STRESS INCREASE:	25.0%					
STANDARD LOADING						
TRUSS SPACING	-	24.0 IN.				
BTM CHORD - CONTINUOUS						
TOP CHORD - CONTINUOUS						
LATERAL BRACING:						
FB 15.0%	FT 0.0%	FC 0.0%				

CSI	SIZE LUMBER	1.15PB				
TOP 0.09	2X 4 SP-#2	1720				
BTM 0.08	2X 4 SP-#2	1720				
WBS 0.02	2X 4 SP-#2	1720				
REPEITIVE MEMBER INCREASES:						
FB 15.0%	FT 0.0%	FC 0.0%				

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF

R = PLATE IS ROTATED BY 90 DEG

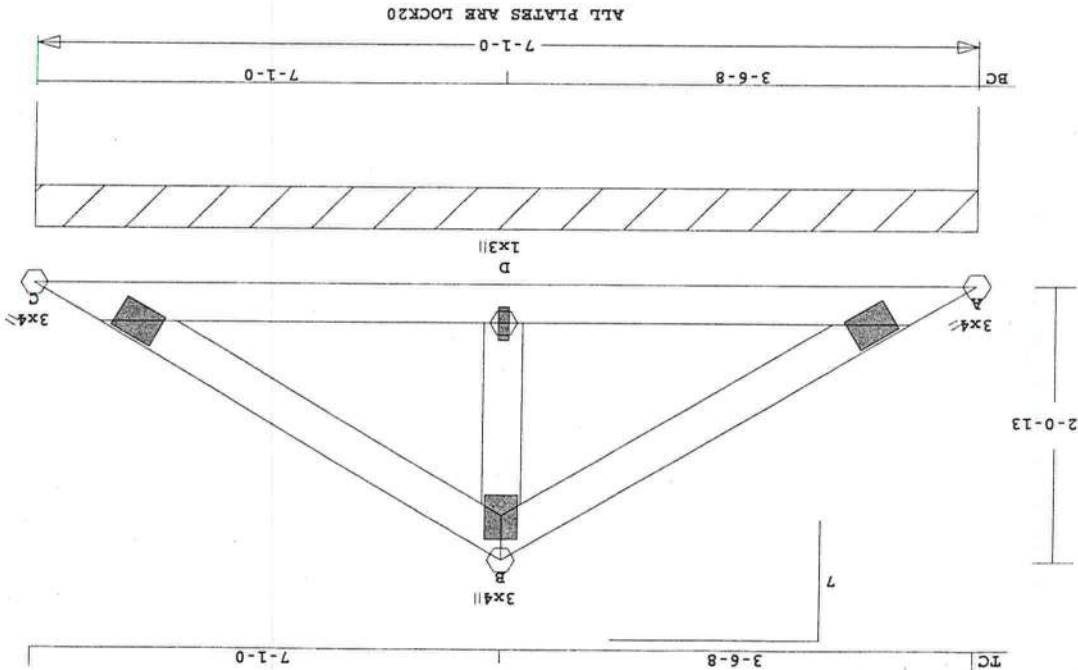
JT TYPE	PLATE	SIZE	X	Y
A 2003	3.00 X 4.00	5.0	3.2	
B 3001R	3.00 X 4.00	2.2	1.5	
C 2003	3.00 X 4.00	5.0	3.2	
D 1001	1.00 X 3.00	CTR	CTR	

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR
JT TYPE PLATE SIZE X Y
A 2003 3.00 X 4.00 5.0 3.2
B 3001R 3.00 X 4.00 2.2 1.5
C 2003 3.00 X 4.00 5.0 3.2
D 1001 1.00 X 3.00 CTR CTR

- FASTEN TRUSS TO BRG A
FOR 72 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG C
FOR 79 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG D
FOR 122 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

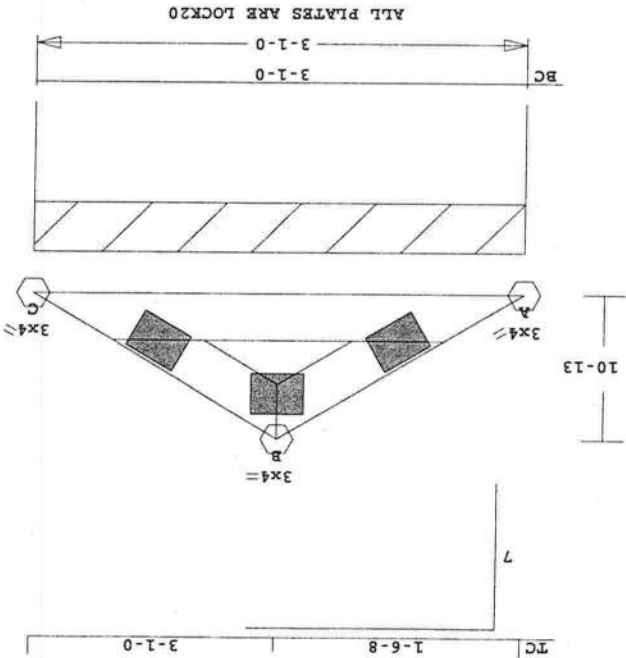
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.4 LBS

Scale: 0.709" = 1'



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	V14	
Quan	1	
Type	VL.SB	
Span	70100	
Pl-HI	7	
Left OH	0	
Right OH	0	
Engineering	T05090143	

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V15	1	VL-SB	30100	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Scale: 0.85" = 1'

4. FASTEN TRUSS TO BRG A FOR 56 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG C FOR 56 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

4. FASTEN TRUSS TO BRG A FOR 56 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG C FOR 56 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

JT TYPE	PLATE	SIZE	X	Y
A 2003	3.00 X 4.00	5.0	3.2	
B 3000	3.00 X 4.00	2.0	2.2	
C 2003	3.00 X 4.00	5.0	3.2	

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

Online Plus -- Version 18.0.006

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

REPEITIVE MEMBER INCREASES:

TOP 0.03 2X 4 SP-#2 1720

BTM 0.02 2X 4 SP-#2 1720

FB 15.0% FT 0.0% FC 0.0%

CSI SIZE LUMBER 1.15FB

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 20.0

SUPPORT CRITERIA

CONTINUOUS BETWEEN JNTS A & C

LEFT

RIGHT

GIRD 0IN - OSX 0IN - OSX

MEMBR CSI P(LBS) M@1ST M@2ND

TOP CHORDS

A-B 0.03 99 C 52 -142

B-C 0.02 99 C 142 -52

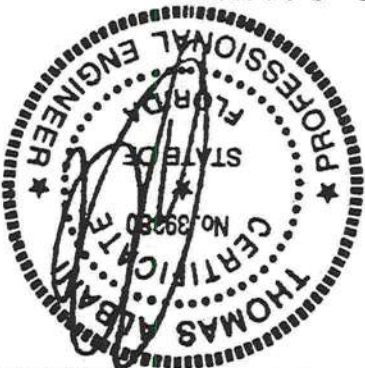
A-C 0.02 88 T -52

WEBS

SPAN/DEFL (DL+LL) = 999

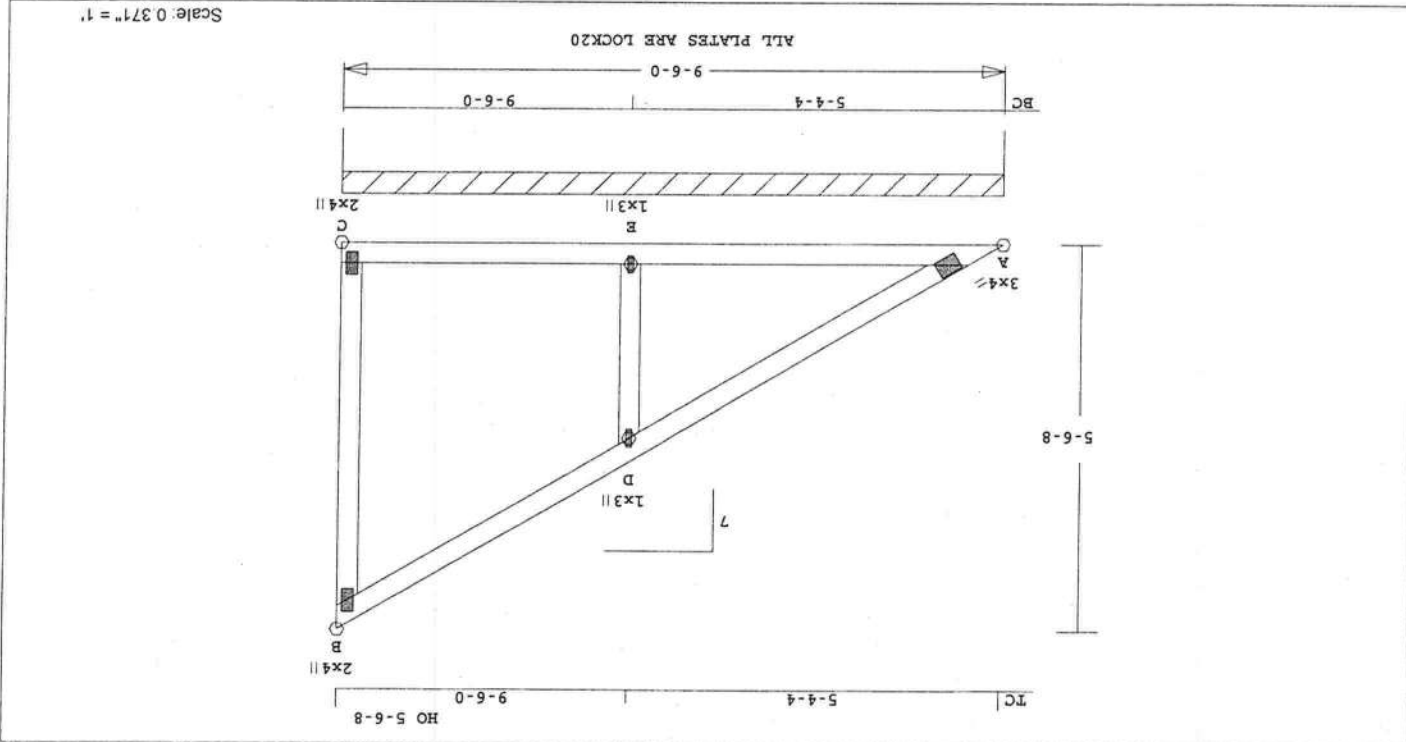
PLATING CONFORMS TO TPI.

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



Date Sealed: 9/2/2005

Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V16	1	VLM.SB	90600	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 51.8 LBS

DL+LL DEFLECT = 0.05" IN A-D
 LT DEFLECT < BRG-SPAN/240
 Online Plus -- Version 18.0.006 SPAN/DEFLECT (DL+LL) = 999
 RUN DATE: 9-2-05

PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

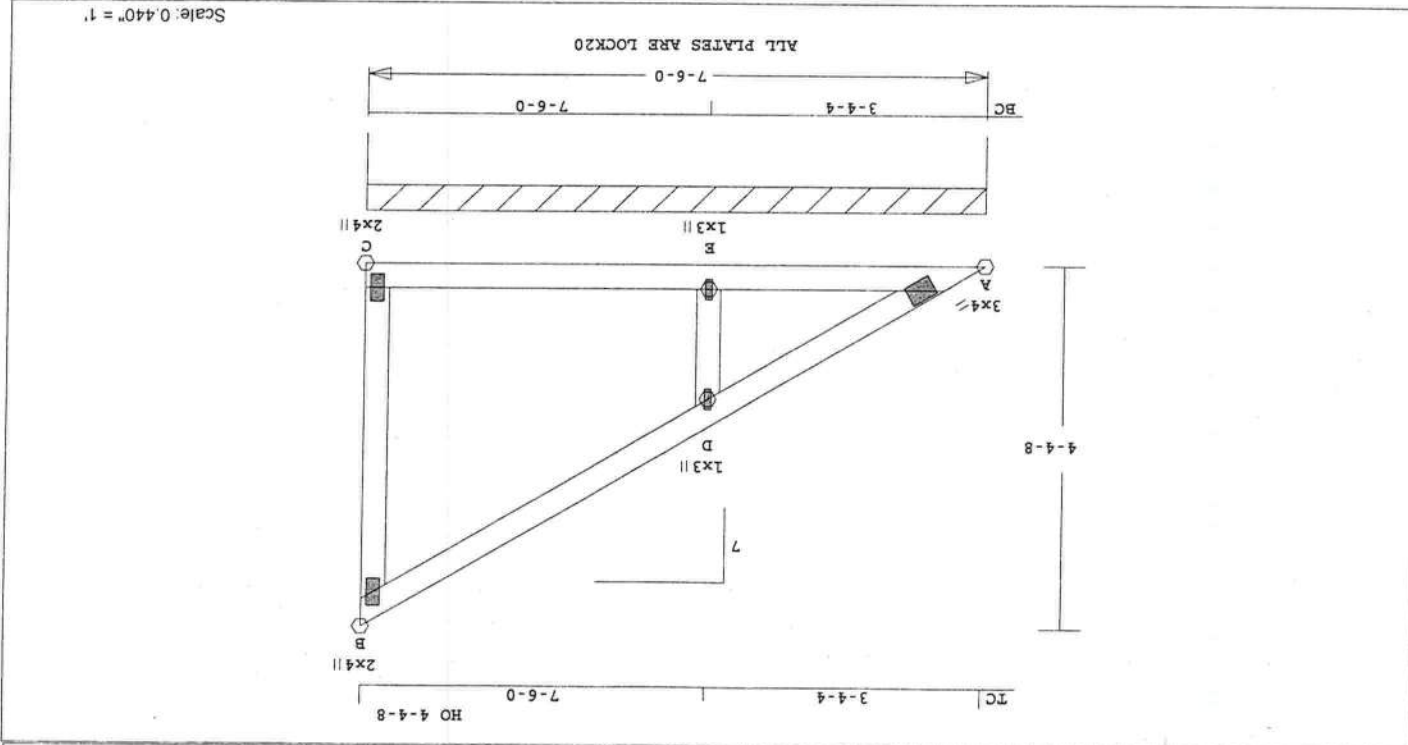
STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHORD 20.0 10.0
 BTM CHORD 20.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C
 LEFT
 RIGHT

MEMBR CSI P(LBS) MOIST M@2ND
 TOP CHORDS
 A-D 0.29 244 C -948 1839
 D-B 0.27 61 C -1839 8
 A-E 0.15 0 T -958 -274
 E-C 0.04 0 T 274 0
 E-D = 332 C C-B = 98 T
 WEBS
 NOTES:
 1. TRUSSES MANUFACTURED BY - Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.
 REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
 REVIEWED BY:
 Robbns Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

3. WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
 4. ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 286 LBS.
 5. FASTEN TRUSS TO BRG C
 FOR 92 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
 6. FASTEN TRUSS TO BRG E
 FOR 356 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.



Job	Mark	Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering
HUDSON	V17	1	VLM.SB	70600	7	0	0	T05090143
U# J#HUDSON VEP HUDSON								



Scale: 0.440" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 39.2 LBS
 DL+LL DEFLECT = 0.03" IN D-B
 LT DEFLECT < BRG-SPAN/240
 SPAN/DEFLECT (DL+LL) = 999
 RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15RB
 TOP 0.19 2X 4 SP-#2 1720
 BTM 0.04 2X 4 SP-#2 1720
 WBS 0.04 2X 4 SP-#2 1720
 REPELITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA

CONTINUOUS BETWEEN JNTS A & C
 RIGHT
 LEFT
 GIRD OIN - OSX

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

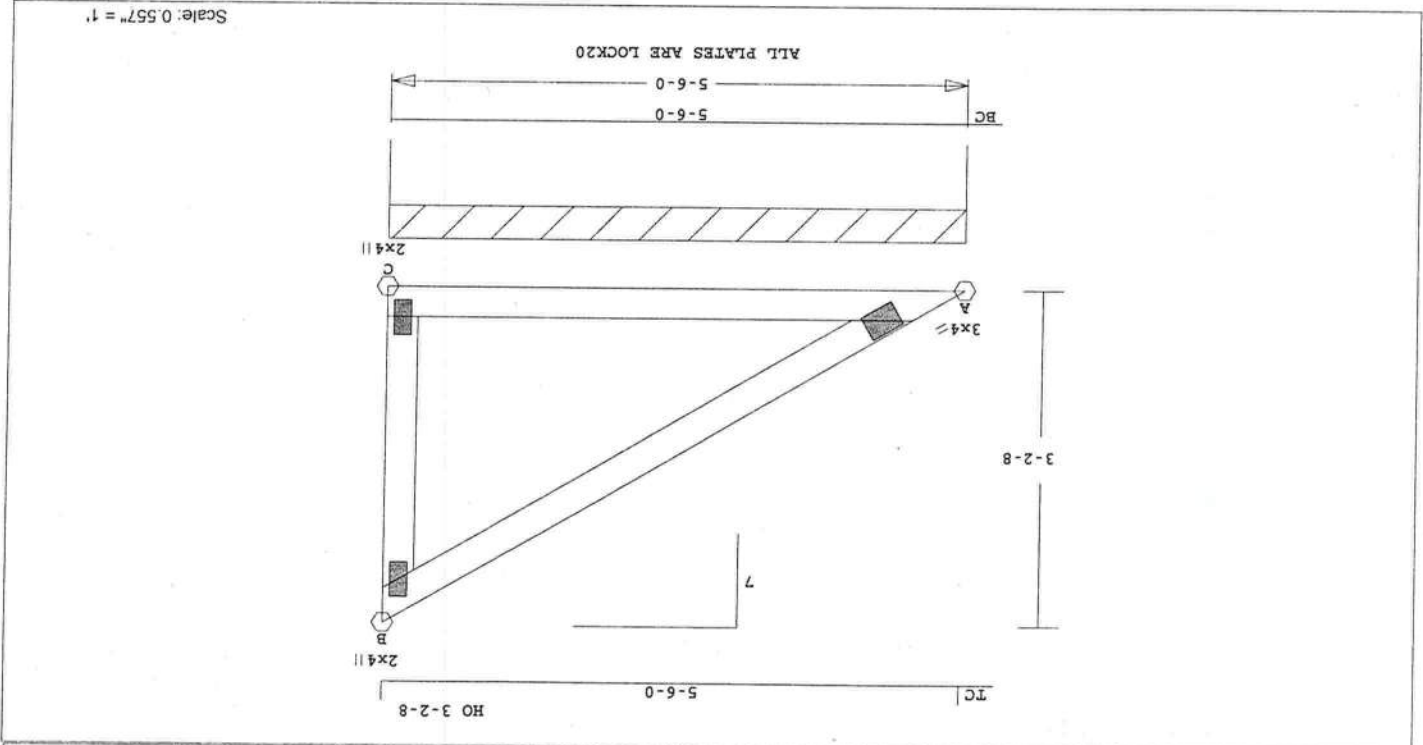
NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.

MEMBR CSI P (LBS) M01ST M02ND
 TOP CHORDS
 A-D 0.19 209 C -212 1224
 D-B 0.18 67 C -1224 8
 BOTTOM CHORDS
 A-E 0.04 0 T -238 -54
 E-C 0.01 0 T 54 0
 WEBS
 E-D = 269 C C-B = 111 T

- WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
 ANCHOR TRUSS FOR A TOTAL
 HORIZONTAL LOAD OF 222 LBS.
- FASTEN TRUSS TO BRG C
 FOR 109 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG E
 FOR 269 LBS OF UPLIFT,
 WHILE PERMITTING NO UPWARD
 MOVEMENT OF WALL OR BRG.



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	V18	1
Quan	Type	Span
	VLM.SB	50600
	PL-HI	7
	Left OH	0
	Right OH	0
Engineering		T05090143



Scale: 0.557" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 26.2 LBS

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A

MAIN WIND-FORCE RES SYSTEM

FOR EXTERIOR ZONE LOCATION

WIND SPEED - 120 MPH

MEAN ROOF HEIGHT - 15'

EXPOSURE CATEGORY - B

OCCUPANCY FACTOR - 1.00

ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF

BC DEAD LOAD = 5.0 PSF

4. ANCHOR TRUSS FOR A TOTAL

HORIZONTAL LOAD OF 158 LBS.

5. FASTEN TRUSS TO BRG A

FOR 77 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

6. FASTEN TRUSS TO BRG C

FOR 169 LBS OF UPLIFT,

WHILE PERMITTING NO UPWARD

MOVEMENT OF WALL OR BRG.

SPAN/DEFL (DL+LT) = 658

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

PLATES - 20 GAUGE LOCK

GRIPPING 632-312 PSI PER PAIR

INCLUDES 25.0% INCREASE

TENSION 1339-465 PLI PER PAIR

SHEAR 784-506 PLI PER PAIR

JT TYPE PLATE SIZE X Y

A 2003 3.00 X 4.00 5.0 3.2

B 4200 2.00 X 4.00 CTR CTR

C 4000 2.00 X 4.00 CTR CTR

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

1. TRUSSES MANUFACTURED BY -

Mayo Truss Co. Inc.

2. EMPIRICAL ANALOG IS USED.

Online Plus -- Version 18.0.006

RUN DATE: 9-2-05

CSI SIZE LUMBER 1.15FB

BTM 0.29 2X 4 SP-#2 1720

BTM 0.21 2X 4 SP-#2 1720

WBS 0.03 2X 4 SP-#2 1720

REPETITIVE MEMBER INCREASES:

FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:

TOP CHORD - CONTINUOUS

BTM CHORD - CONTINUOUS

TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 25.0%

PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)

TOP CHD 20.0 10.0

BTM CHD 0.0 10.0

TOTAL 20.0 20.0

SUPPORT CRITERIA

CONTINUOUS BETWEEN JNTS A & C

LEFT

RIGHT

GIRD OIN - OSX

MEMBR CSI P(LBS) MOIST M@2ND

TOP CHORDS

A-B 0.29 83 C -1366 8

BOTTOM CHORDS

A-C 0.21 0 T -1368 0

WEBS

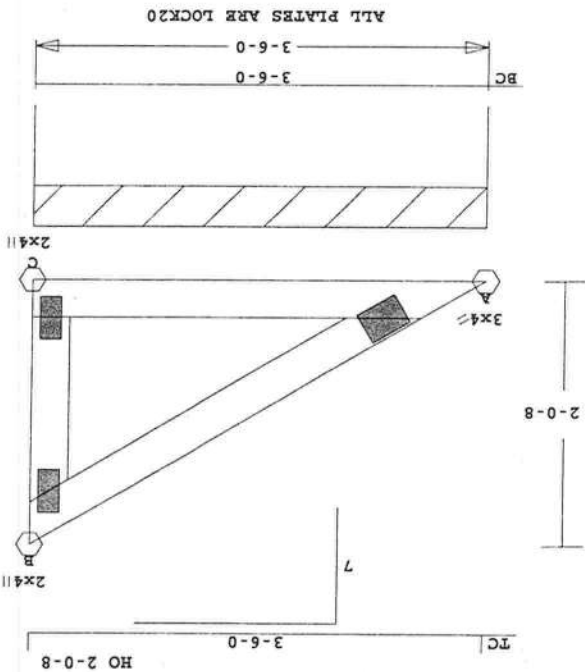
C-B = 149 C

DL+LL DEFL = 0.10" IN A-B

LT DEFL > BRG-SPAN/240



Job	HUDSON	U# J#HUDSON VEP HUDSON
Mark	V19	1
Quan	Type	Span
PL-HI	7	30600
Left OH	0	0
Right OH	0	0
Engineering	T05090143	



Scale: 0.689" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.8 LBS
SPAN/DEFL (DL+LL) = 999
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 120 MPH
MEAN ROOF HEIGHT - 15'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
4. FASTEN TRUSS TO BRG A
FOR 50 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG C
FOR 106 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

REVIEWED BY:
Robbins Engineering, Inc.
Tampa, FL 33682
PO Box 280055
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

JT TYPE	PLATE	SIZE	X	Y
A	2003	3.00 X 4.00	5.0	3.2
B	4200	2.00 X 4.00	CTR	CTR
C	4000	2.00 X 4.00	CTR	CTR

REVIEWED BY:
Robbins Engineering, Inc.
Tampa, FL 33682
PO Box 280055
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

Online Plus -- Version 18.0.006
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
PLATES - 20 GAUGE LOCK
GRIPPING 632-312 PSI PER PAIR
INCLUDES 25.0% INCREASE
TENSION 1339-465 PLI PER PAIR
SHEAR 784-506 PLI PER PAIR

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - CONTINUOUS
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 25.0%
PLATE STRESS INCREASE: 25.0%

LOADING LIVE DEAD (PSF)
TOP CHD 20.0 10.0
BTM CHD 0.0 10.0
TOTAL 20.0 20.0
SUPPORT CRITERIA

CONTINUOUS BETWEEN JNTS A & C
LEFT
RIGHT

MEMBR CSI P(LBS) @1ST @2ND
TOP CHORDS
A-B 0.12 50 C -515 8
BOTTOM CHORDS
A-C 0.08 0 T -533 0
C-B = 97 C
WEBS

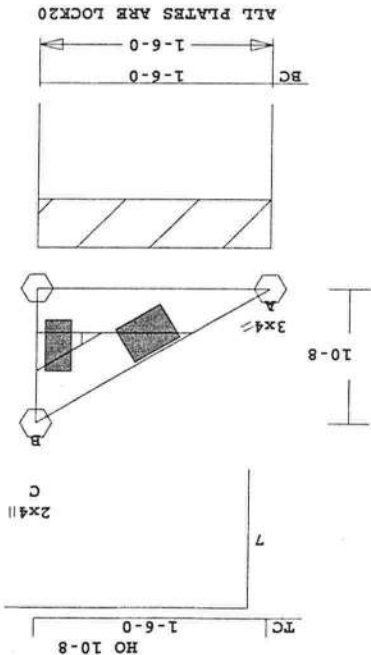
DL+LL DEFL = 0.02" IN A-B
LL DEFL > BRG-SPAN/240

NOTES:
1. TRUSSES MANUFACTURED BY -
Mayo Truss Co. Inc.
2. EMPIRICAL ANALOG IS USED.

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



Job	HUDSON	Mark	V20	Quan	1	Type	VLM.SB	Span	10600	Pl-HI	7	Left OH	0	Right OH	0	Engineering	T05090143
U# J#HUDSON VEP HUDSON																	



Scale: 0.821" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 5.5 LBS
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 PLATES - 20 GAUGE LOCK
 GRIPPING 632-312 PSI PER PAIR
 INCLUDES 25.0% INCREASE
 TENSION 1339-465 PLI PER PAIR
 SHEAR 784-506 PLI PER PAIR

TRUSS IS DESIGNED AS A
 MAIN WIND-FORCE RES SYSTEM
 FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 120 MPH
 MEAN ROOF HEIGHT - 15'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 24.0 IN.
 STANDARD LOADING
 LUMBER STRESS INCREASE: 25.0%
 PLATE STRESS INCREASE: 25.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 20.0 10.0
 BTM CHD 0.0 10.0
 TOTAL 20.0 20.0
 SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682
 REFER TO ROBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

NOTES:
 1. TRUSSES MANUFACTURED BY -
 Mayo Truss Co. Inc.
 2. EMPIRICAL ANALOG IS USED.

GIRD OIN - OSX
 MEMBER CSI P(LBS) @1ST @2ND
 TOP CHORDS
 A-B 0.02 18 C -72 8
 A-C 0.01 0 T -84 0
 WEBS
 C-B = 45 C
 SPAN/DEFL (DL+LL) = 999



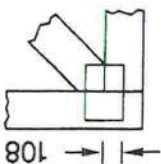
Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 9/2/2005

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ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



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

PLATE SIZE

6.3 x 8.8

The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots.



LATERAL BRACING

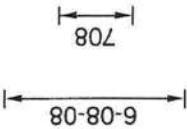
1x4 continuous lateral bracing attached with (2) 8d nails each member where indicated or 2x4 "T" or "L" brace stiffener if applicable nailed flat to edge of web with 12d nails spaced 8" o.c. "T" or "L" brace must be extended at least 90% of web length.

PLATE ORIENTATION

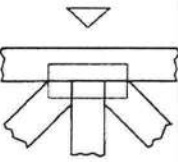


When shown, indicates direction of slots in connector plate.

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.

Trussed Rafter. Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to HIB-91 or BCSI 1-03 as published by the Truss Plate Institute, 583 D'Onofrio Drive, Suite 200, Madison, Wisconsin 53719. 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 the design loads utilized on this drawing 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 THIS DESIGN TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF BUILDING DESIGNER TO REVIEW THIS DRWG. & VERIFY THAT DATA INCLUDING DIM. & LOADS CONFORM TO ARCH. PLAN/SPECS & FAB. TRUSS LAYOUTS.



P.O. Box 280055
Tampa, FL 33682-0055
800-282-1299 • Fax: 813-971-6117

CORPORATE HEADQUARTERS

home phone 386-961-8171

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025



Thanks

The purpose for this letter is to apply for a 90 day extension on permit # 23990.
I was not able to begin construction on this house until June of 2006 and since then,
the job has gone very slowly due in part to having sub-workers to show up for work
and follow through.

Columbia County Building and Zoning Department

Fax # 386-758-2160

April 30, 2007

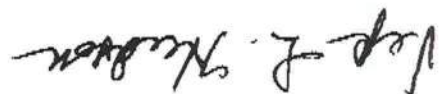
July 30, 2007

Fax # 386-758-2160

Columbia County Building and Zoning Department

The purpose for this letter is to apply for a 90 day extension on permit # 23990. I was not able to begin construction on this house until June of 2006 and since then, the job has gone very slowly due in part to having sub-workers to show up for work and follow through.

Thanks



Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025

home phone 386-961-8171

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025
home phone 386-961-8171

Thanks

The purpose for this letter is to apply for a 90 day extension on permit # 23990.
I was not able to begin construction on this house until June of 2006 and since then,
the job has gone very slowly due in part to having sub-workers to show up for work
and follow through.

Columbia County Building and Zoning Department

Fax # 386-758-2160

October 30, 2007

May 1, 2008

Fax # 386-758-2160

Columbia County Building and Zoning Department

The purpose for this letter is to apply for a 90 day extension on permit # 23990. Many things have transpired to hinder the construction. I have had to be out of town to take care of other things. We are making some progress, but it has been slow. Thank you for your help in this matter.

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025
home phone 386-961-8171
Cell phone 386-965-9494

February 1, 2008

Fax # 386-758-2160

Columbia County Building and Zoning Department

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Vep L. Hudson
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Lake City, Florida 32025

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August 1, 2008

Fax # 386-758-2160

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Columbia County Building and Zoning Department

Fax # 386-758-2160

November 1, 2008

November 1, 2009

Fax # 386-758-2160

Columbia County Building and Zoning Department

The purpose for this letter is to apply for a 90 day extension on permit # 23990.
Thank you.

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025
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Many things have transpired to hinder the construction. We are almost ready for
our inspection. Thank you for your help in this matter.

Columbia County Building and Zoning Department

Fax # 386-758-2160

February 1, 2009

VEP HUDSON

11/17/1999 03:18 9416756194

PAGE 01

May 1, 2009

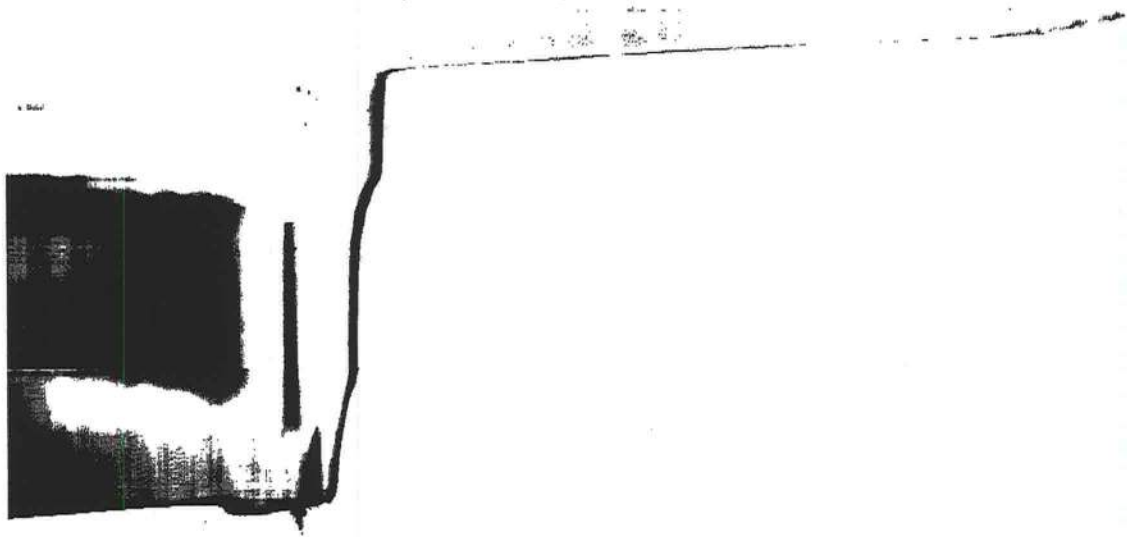
Fax # 386-758-2160

Columbia County Building and Zoning Department

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Thank you.

Columbia County Building and Zoning Department

Fax # 386-758-2160

August 1, 2009

February 1, 2010

Fax # 386-758-2160

Columbia County Building and Zoning Department

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Thank you.

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025
home phone 386-961-8171
Cell phone 386-965-9494

July 23, 2010

Fax # 386-758-2160

Columbia County Building and Zoning Department

The purpose for this letter is to apply for a 90 day extension on permit # 23990.
We hope this will be the last extension we will need.

Thank You,

Vep L. Hudson
270 SW Broderick Drive
Lake City, Florida 32025
home phone 386-961-8171
Cell phone 386-965-9494

GERBRANCK & SONS
INC.

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 18-4S-17-08467-015

Building permit No. 000023990

Use Classification SFD, UTILITY

Fire: 57.78

Permit Holder OWNER

Waste: 150.75

Owner of Building VEP HUDSON

Total: 208.53

Location: 270 SW BRODERICK DRIVE

Date: 01/24/2011

Harry Dickes

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



fax # 386-758-2160

#23990

MAYO TRUSS COMPANY, INC.

845 E US HWY 27

Mayo, FL 32066

Ph. 386-294-3988

Toll-Free 877-558-6262

Fax 386-294-3981

Attention: Joe Hawthanger

Columbia County Building and Zoning

To Whom It May Concern:

Mr. Vep Hudson, located at 270 Broderick Drive, called to inform us that he will be relocating his A/C unit to the attic area over his kitchen. I have calculated the load he gave of 250# for the unit spread over a 3' x 5' area. The platform must be attached to a minimum of 3 trusses, thus giving a 42# concentrated load at each truss intersection. The "C1" truss will withstand the additional load of the A/C unit without further repair.

Sincerely,

Michelle Murray

Michelle Murray
Lead Truss Designer

Joe
This is the paper work you asked to
me to submit to you in order to
put the unit in the attic &
my house

Notice of Treatment

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

Address: 536 SW Bay Dr

City: Lake City **Phone:** 386-752-1203

Site Location: Subdivision _____

Lot # _____ **Block#** _____ **Permit #** 23990

Address: 220 SW Brookside Dr, Lake City

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Concrete

440

17

40

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

12/2/06
Date

8:23
Time

[Signature]
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

Notice of Treatment

12200

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

Address: 12200 AVE

City LAKE CITY Phone 724-1743

Site Location: Subdivision CENTURY ESTATES

Lot # 14 Block# 23990 Permit # 23990

Address 270 SW BRODERICK

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling 3016 244 254

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

11/9/06 1230 E254 GUNNY
Date Time Print Technician's Name

Remarks: GARAGE NOT TREATED THIS DATE!

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©