

DATE 08/17/2006

Columbia County Building Permit

PERMIT
000024879

This Permit Expires One Year From the Date of Issue

APPLICANT DREW TURNER PHONE 352.873.1343
ADDRESS POB 771149 Ocala FL 34477
OWNER MARCO & REGINA MARTINEZ PHONE 850.519.1100
ADDRESS 206 SW ACIE JAMES ROAD HIGH SPRINGS FL 32643
CONTRACTOR HOMES BY WHITTAKER,INC. PHONE 352.873.1343
LOCATION OF PROPERTY 441-S TO ACIE JAMES ROAD,TR AND THE PROPERTY IS ON THE L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 143650.00
HEATED FLOOR AREA 2873.00 TOTAL AREA 3789.00 HEIGHT 20.10 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 21-7S-17-10031-001 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 2.05

CGC011962
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 06-0675-N BLK JTH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. SEPCIAL FAMILY LOT PERMIT TO DAUGHTER.

Check # or Cash 2120

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 720.00 CERTIFICATION FEE \$ 18.95 SURCHARGE FEE \$ 18.95
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 832.90
INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

LEGAL DESCRIPTION

A tract of land situated in the Northeast Quarter of the Southeast Quarter (NE 1/4 of SE 1/4) of Section 21, Township 7 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

Commence at concrete monument and cap stamped Perry C. McGriff Co. LS2678 at the Southeast corner of said Section 21, Township 7 South, Range 17 East for a point of reference and run thence N. 01 deg. 18 min. 27 sec. East, along the East line of said SE 1/4 of Section 21, a distance of 1316.04 feet to the Southeast corner of said NE 1/4 of the SE 1/4; thence run North 89 deg. 32 min. 02 sec. West, along the South line of said NE 1/4 of the SE 1/4, a distance of 420.00 feet to an iron rod and cap stamped C&E, Inc. LB5075 and the POINT OF BEGINNING; thence run North 01 deg. 18 min. 27 sec. East, parallel with said East line, a distance of 220.96 feet to an iron rod and cap stamped C&E, Inc. LB5075 on the Southerly maintained right of way of Acie James Road, thence run North 77 deg. 14 min. 40 sec. West, along said Southerly right of way line, a distance of 214.21 feet to an iron rod and cap stamped C&E, Inc. LB5075; thence run North 88 deg. 57 min. 03 sec. West, along said Southerly right of way line, a distance of 143.16 feet to an iron rod and cap stamped C&E, Inc. LB5075; thence run South 01 deg. 18 min. 27 sec. West, parallel with said East line, a distance of 268.02 feet to an iron rod and cap stamped C&E, Inc. LB5075 on the aforementioned South line of the NE 1/4 of the SE 1/4; thence run South 89 deg. 32 min. 02 sec. East, along said South line, a distance of 143.14 feet to a concrete monument and cap stamped Perry McGriff Co. LS2678; thence continue South 89 deg. 32 min. 02 sec. East, along said South line, a distance of 210.00 feet to the POINT OF BEGINNING. *all*

Inst:2006017226 Date:07/20/2006 Time:10:12

S. J. DC, P. DeWitt Cason, Columbia County B:1090 P:702



WARRANTY DEED

(STATUTORY FORM - SECTION 689.02, F.S.)

This document prepared by and to be returned to:

Kyle E. Petteway
Grunder & Petteway, P. A.
23349 NW CR 236, Suite 10
High Springs, Florida, 32643

Tax Parcel Number:

Inst:2006010279 Date:04/28/2006 Time:10:01

Doc Stamp-Deed : 0.70

DC,P.DeWitt Cason,Columbia County B:1081 P:2598

THIS INDENTURE made this 19th day of April, 2006.

BETWEEN Acie D. James and Louise James, husband and wife, whose post office address is 340 SW Acie Ja nes Road, High Springs, Florida, 32643, herein called Grantor, and

Marco M. Martinez and Regina J. Martinez, husband and wife, whose post office address is 340 SW Acie Ja nes Road, High Springs, Florida, 32643, herein called Grantee,

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

A tract of land situated in the Northeast Quarter of the Southeast Quarter (NE 1/4 of SE 1/4) of Section 21,Townshi 7 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

Commence at concrete monument and cap stamped Perry C. McGriff Co. LS2678 at the Southeast corner of said Section 21, Township 7 South, Range 17 East for a point of reference and run thence North 01 deg. 18 min. 27 sec. East, along the East line of said SE 1/4 of Section 21, a distance of 1316.04 feet to the Southeast corner of said NE 1/4 of the SE 1/4; thence run North 89 deg. 32 min. 02 sec. West, along the South line of said NE 1/4 of the SE 1/4, a distance of 420.00 feet to an iron rod and cap stamped C&E, Inc. LB5075 and the POINT OF BEGINNING; thence run North 01 deg. 18 min. 27 sec. East, parallel with said East line, a distance of 220.96 feet to an iron rod and cap stamped C&E, Inc. LB5075 on the Southerly maintained right of way of Acie James Road; thence run North 77 deg. 14 min. 40 sec. West, along said Southerly right of way line, a distance of 214.21 feet to an iron rod and cap stamped C&E, Inc. LB5075; thence run North 88 deg. 57 min. 03 sec. West, along said Southerly right of way line, a distance of 143.16 feet to an iron rod and cap stamped C&E, Inc. LB5075; thence run South 01 deg. 18 min. 27 sec. West, parallel with said East line, a distance of 268.02 feet to an iron rod and cap stamped C&E, Inc. LB5075 on the aforementioned South line of the NE 1/4 of the SE 1/4; thence run South 89 deg. 32 min. 02 sec. East, along said South line, a distance of 143.14 feet to a concrete monument and cap stamped Perry C. McGriff Co. LS2678; thence continue South 89 deg. 32 min. 02 sec. East, along said South line, a distance of 210.00 feet to the POINT OF BEGINNING.

The legal description has been supplied by the Grantee. The preparer of this deed has not conducted a title search of the subject property and therefore makes no guaranties concerning marketability of title.

Grantors herein convey the entire fee simple interest in the above described property pursuant to the authority reserved by Grantors in that deed recorded at Official Records Book 1012, Page 705 of the Public Records of Columbia County, Florida.

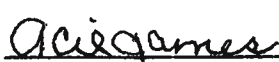
AND SAID GRANTOR does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

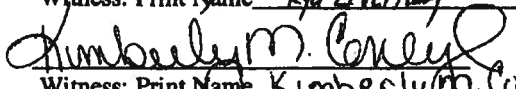
Grantor and grantee are used for singular or plural, as context requires.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

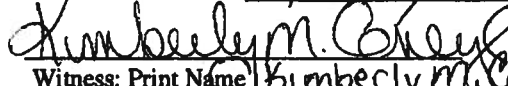

Witness: Print Name Kyle E. Petteway


Acie D. James, by Louise James, his attorney-in-fact - in fact


Witness: Print Name Kimberly M. Coney


Witness: Print Name Kyle E. Petteway


Louise James


Witness: Print Name Kimberly M. Coney

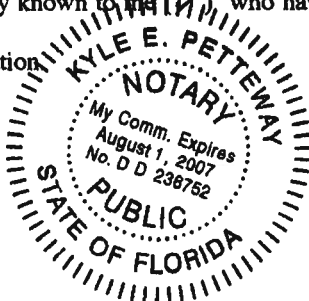
State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 19th day of April, 2006, by Acie D. James, by Louise James, his attorney-in-fact and Louise James who () are personally known to me () who have produced a valid Florida driver's license as identification

() who produced _____ as identification


Notary Public at Large, State of Florida
(SEAL)

8255



ROUTING SLIP - SITE PLAN

NOTE: PLEASE ACCURATELY SHOW AND LOCATE THE FOLLOWING:

- (1) SIZE OF PROPERTY
- (2) ALL STREETS BOUNDING YOUR PROPERTY
- (3) ALL PROPOSED AND/OR EXISTING IMPROVEMENTS (BUILDING AND/OR STRUCTURES)
- (4) SETBACKS FOR THE PROPOSED IMPROVEMENT
- (5) ALL WELLS AND SEPTIC TANKS

NORTH

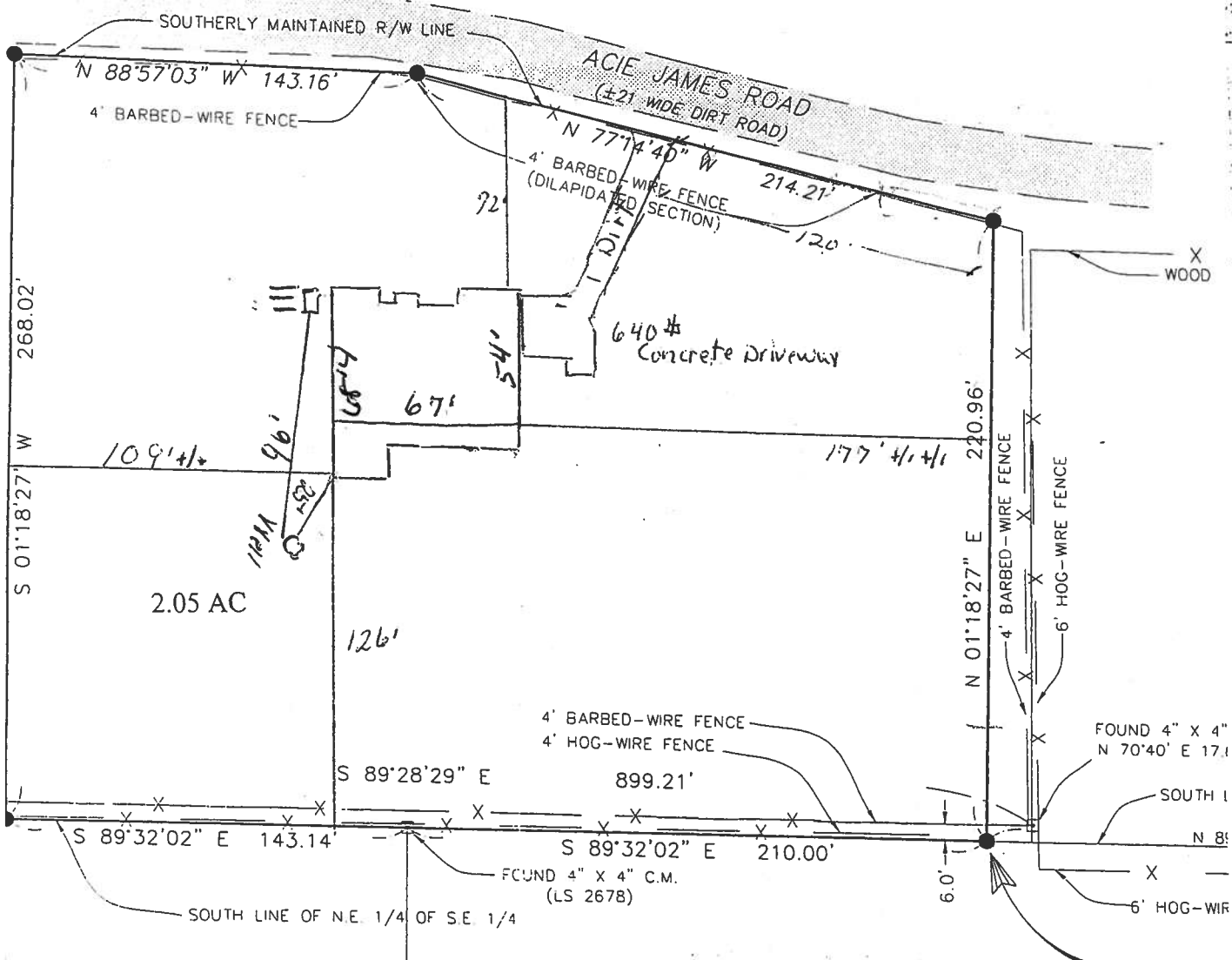


Marco & Regina J. Martinez

Marco Martinez

#21 7S 17 10031-001

1/4" = 14.67'



STATE OF FLORIDA
IVER RISE STATE PARK

THE ZONING DIVISION CAN NOT APPROVE YOUR ROUTING SLIP WITHOUT THE ABOVE INFORMATION ACCURATELY SUPPLIED. INCOMPLETE SITE PLAN WILL RESULT IN DELAYS.

ROUTING SLIP - SITE PLAN

NOTE: PLEASE ACCURATELY SHOW AND LOCATE THE FOLLOWING:

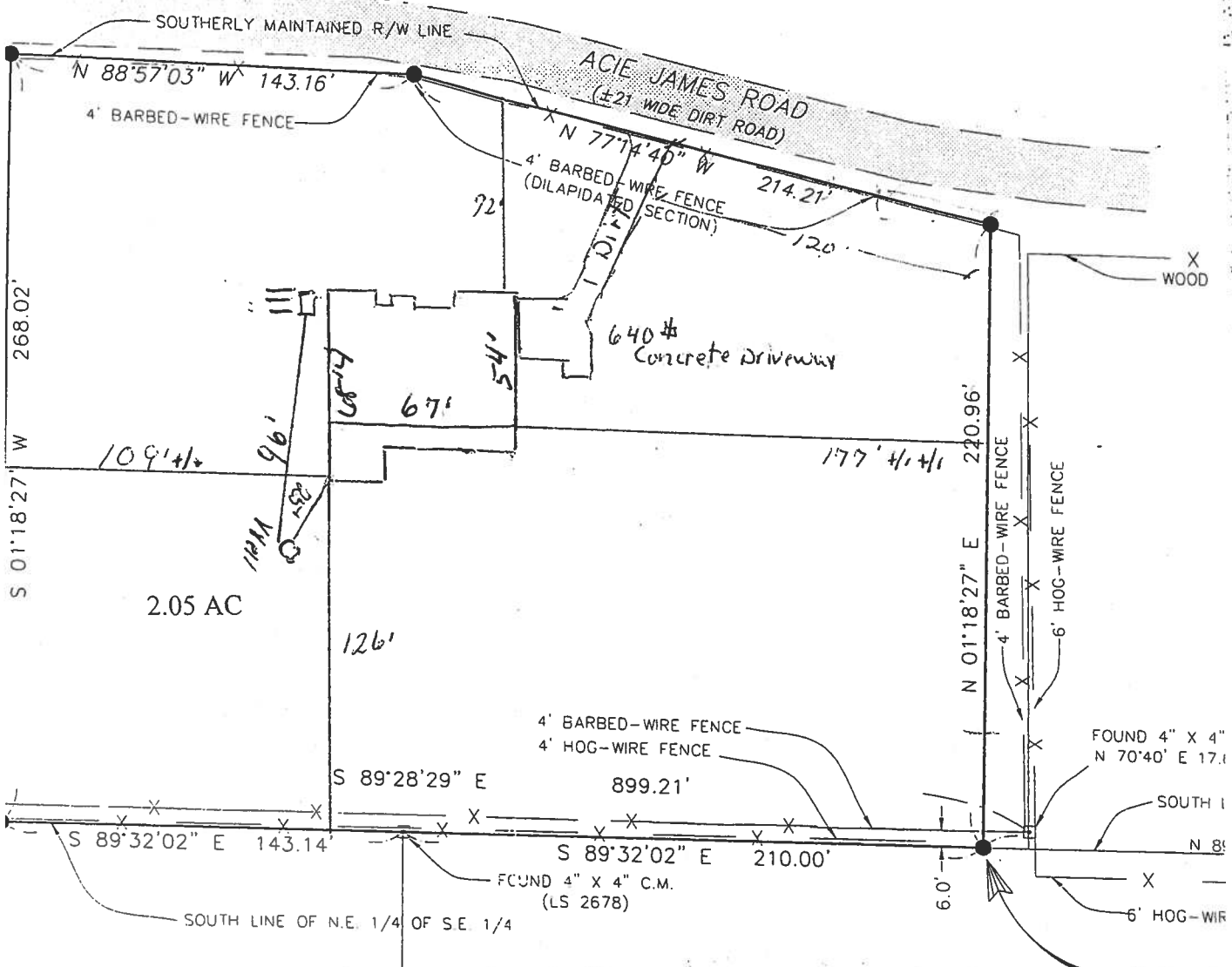
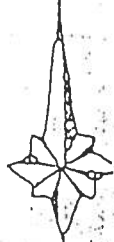
- (1) SIZE OF PROPERTY
- (2) ALL STREETS BOUNDING YOUR PROPERTY
- (3) ALL PROPOSED AND/OR EXISTING IMPROVEMENTS
(BUILDING AND/OR STRUCTURES)
- (4) SETBACKS FOR THE PROPOSED IMPROVEMENT
- (5) ALL WELLS AND SEPTIC TANKS

Marco & Regina J. Martinez

spino montu
1/4" = 14.67

#21 75 17 10031-001

NORTH



STATE OF FLORIDA
RIVER RISE STATE PARK

THE ZONING DIVISION CAN NOT APPROVE YOUR ROUTING SLIP WITHOUT THE ABOVE INFORMATION ACCURATELY SUPPLIED. INCOMPLETE SITE PLAN WILL RESULT IN DELAYS.

Permit No. _____
Tax Folio No. Part of R10031-000

NOTICE OF COMMENCEMENT

State of Florida
County of Alachua

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

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS

By Sharon Feagle
Deputy Clerk

Date 07-20-2006

1. Description of property:

See Attached Legal Description

2. General description of improvement: single family residence

3. Owner information:

a. Name: Marco M. Martinez and Regina J. Martinez
Address: 340 SW Acie James Road
High Springs, FL 32643

b. Interest in property: fee simple

c. Name and address of fee simple titleholder (if other than Owner):

4. a. Contractor: Homes By Whittaker, Inc.
Address: 6913 SW Highway 200
Ocala, FL 34474

b. Contractor's phone number: 352-873-1123

5. Surety:

a. Address:

b. Phone number:

c. Amount of bond: \$.

Inst:2006017226 Date:07/20/2006 Time:10:12

J.F. DC, P. DeWitt Cason, Columbia County B:1090 P:701

6. a. Lender: Homeowners Mortgage Enterprises, Inc.
Address: 2530 Devine Street
Columbia, SC 29205

b. Lender's phone number: 803-765-9862

7. a. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
Address:

b. Phone numbers of designated persons:

8. a. In addition to himself or herself, Owner designates of to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

b. Phone number of person or entity designated by owner:

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Marco M. Martinez
Marco M. Martinez

Regina J. Martinez
Regina J. Martinez

The foregoing instrument was acknowledged before me this 20 day of July, 2006 by Marco M. Martinez and Regina J. Martinez who

() are personally known to me
(☒) who have produced a valid Florida driver's license as identification
() who produced _____ as identification

Summer L. Caulk
Notary Public at Large, State of Florida

(SEAL)
8368

SUMMER L. CAULK
NOTARY PUBLIC - STATE OF FLORIDA
COMMISSION #DD342166
MY COMMISSION EXPIRES JULY 28, 2008

LEGAL DESCRIPTION

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Inst:2006017226 Date:07/20/2006 Time:10:12

S. J. DC, P. DeWitt Cason, Columbia County B:1090 P:702



Columbia County Building Permit Application

Revised 9-2

For Office Use Only Application # 0607-70 Date Received 7-26-06 By LN Permit # 24879
 Application Approved by - Zoning Official B2K Date 030806 Plans Examiner OK JTH Date 8-1-06
 Flood Zone X parcel 290 Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments EH & Special Family Lot Permit - Daughter

FAX 352-873 1138

Applicants Name Homes By Whittaker, Inc Phone 352 873 1343
 Address PO Box 741149, Ocala, FL 34477
 Owners Name Marco M Martinez & Regina Phone 352-316-5911
 911 Address 206 SW Acie James Rd, High Springs, FL
 Contractors Name Homes By Whittaker, Inc Phone 352 873 1343
 Address PO Box 741149, Ocala, FL 34477
 Fee Simple Owner Name & Address Marco M & Regina Martinez
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address N/A
 Mortgage Lenders Name & Address Homeowners Mtg. Enterprises Inc 2530 Devino St. Columbia
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Line
 Property ID Number 21-75-17-10031-001 Estimated Cost of Construction \$ 279,000
 Subdivision Name SE Legal attached Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions NI-75 Exit at 399 - Go N on 441 approx 10.2 mi.
T/K on SW Acie James Rd (next to Bob's Used RVs)
Go 0.1 mi on Acie James Rd property on left
 Type of Construction Single Family Residence Number of Existing Dwellings on Property 0
 Total Acreage 2.05 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Dr
 Actual Distance of Structure from Property Lines - Front 72' Side 17'4" Side 10'9" Rear 12'4"
 Total Building Height 20'10" Number of Stories 1 Heated Floor Area 2823 Roof Pitch 6/12
Perch 375 6A194 541 10702 3789

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

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

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

Owner Builder or Agent (Including Contractor) [Signature] Contractor Signature [Signature]
 Contractors License Number CGC 011962
 Competency Card Number _____
 NOTARY STAMP/SEAL

STATE OF FLORIDA
 COUNTY OF COLUMBIA

to (or affirmed) and subscribed before me

on 26 day of July 2006

Notary Public or Produced Identification [Signature]

SHIRLEY J. McMATH
 Comm# DD0525809
 Expires 3/6/2010
 Bonded thru (800) 432-4254
 Florida Notary Assn., Inc.

[Signature]
 Notary Signature

J. McMATH
 Comm# DD0525809
 Expires 3/6/2010
 Bonded thru (800) 432-4254
 Florida Notary Assn., Inc.

May 19 2005 02:42

0512-052-982

FLORIDA COUNTY OF COLUMBIA



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

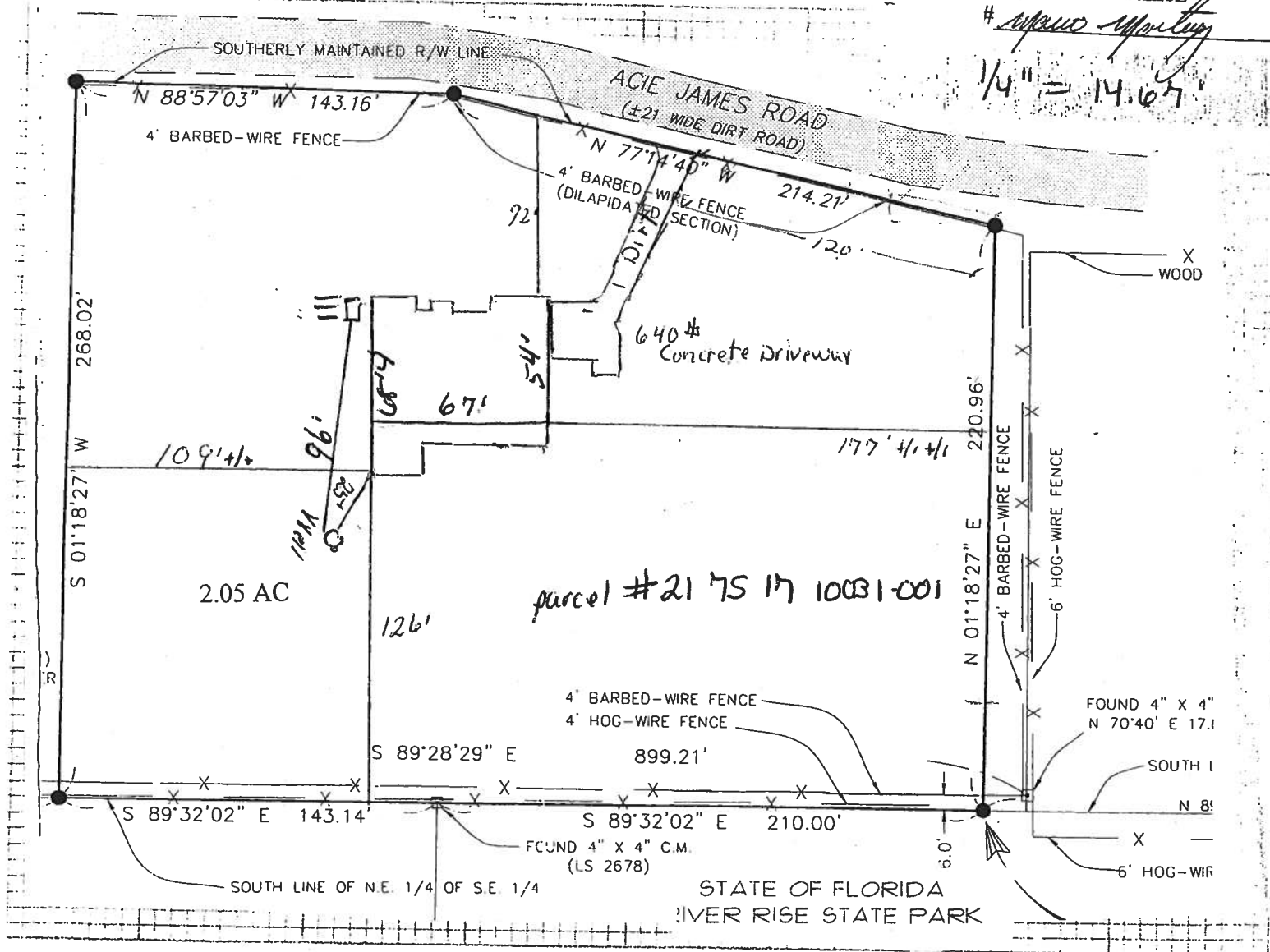
Permit Application Number _____

PART II - SITE PLAN -

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

Marco & Regina J. Martinez

Marco Martinez
1/4" = 14.67'



Notes: _____

Plan submitted by: _____

Not Approved _____ Signature _____ Title _____
Date _____

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32016-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 7/20/2006 DATE ISSUED: 7/24/2006

ENHANCED 9-1-1 ADDRESS:

208 SW ACIE JAMES RD

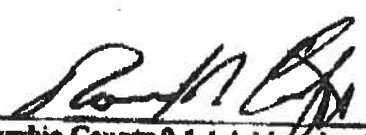
HIGH SPRINGS FL 32643

PROPERTY APPRAISER PARCEL NUMBER:

21-7S-17-10031-001

Remarks:

Address Issued By:


Columbia County 9-1-1 Addressing / GIS Department

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

341



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0675

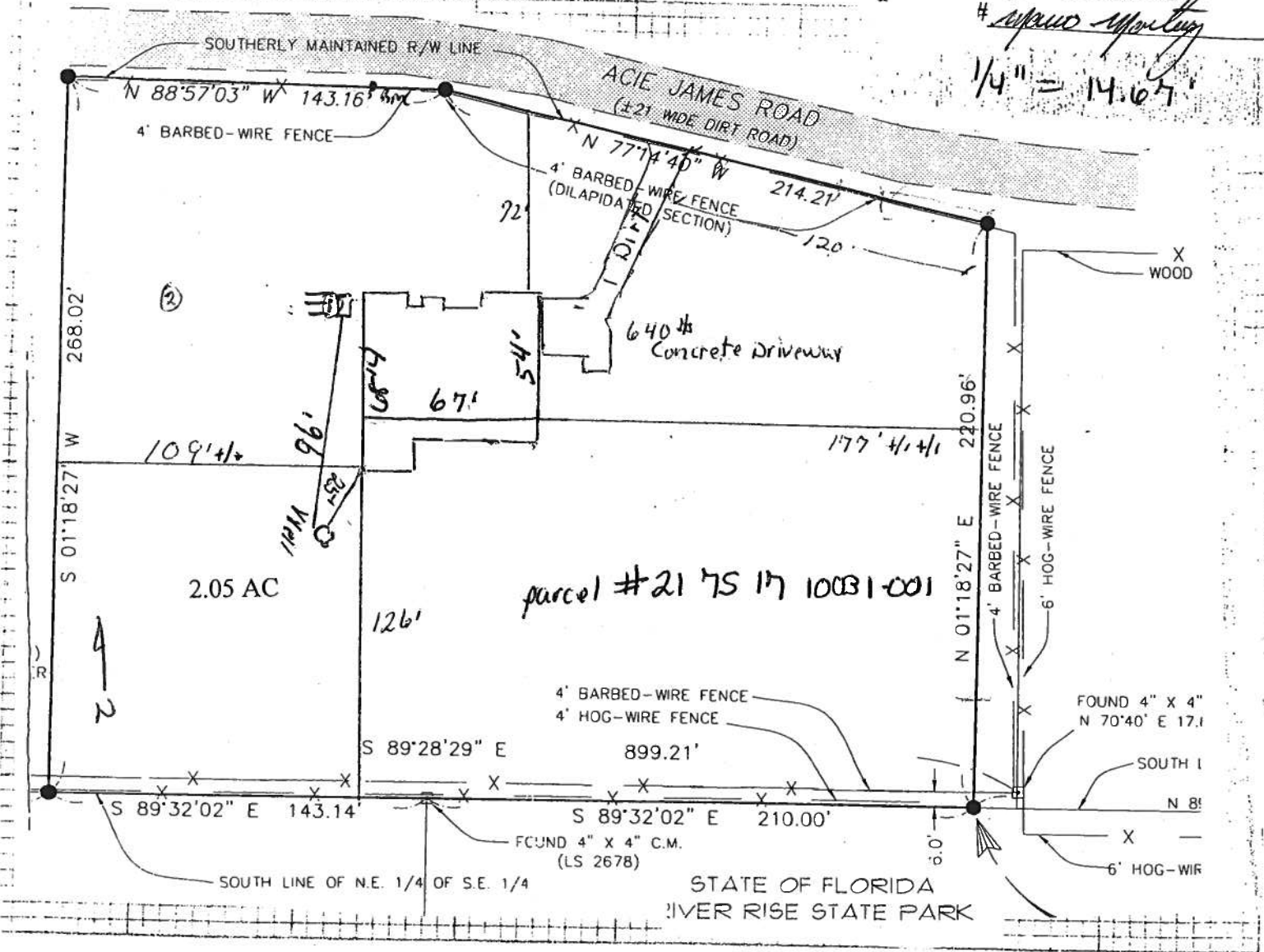
PART II - SITE PLAN

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

Marco & Regina J. Martinez

Marco Martinez

1/4" = 14.67'



ES: No Slope

Plan submitted by

Andrew C. Turner

Agent

8/16/06

Approved ☒

APPROVED

Signature

Not Approved

Date 8/1/6

Columbia CHD

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

West of I-75

**WELL ORDER
AND/OR
WELL PERMIT APPLICATION**

To: Stan
Attn: Griffis Drilling

Permit # _____

Date: 7/17/06

How many bathrooms: 3 1/2

Supervisor: Pat Shadel Ford
Phone number: 352-342-6678

Homeowner name (s): Marco M + Regina Martinez

*Current Mailing Address: 340 Acie James Rd, High Spring, FL

Well Location Address: Acie James Rd

Subdivision _____ Lot _____ Block _____ Unit _____

Section _____ Township _____ Range _____

Directions to property: N I-75 exit # 399 Go N on 441

10.2 mi T/h on SW Acie James Rd (West to Bob's Rd)

Go . 01 mi on Acie James Rd (Property on left)

Indicate which side of street/road property is located on left
standard

Indicate size of pump _____ size of tank _____

Is tank to go inside garage _____ or outside by well ✓

Agent Homes By Whittaker, Inc Company _____

Fax to: 386-462-2642

Please fax approved site plan & location map to property.

Incomplete information will delay permitting & scheduling.

*Needed for permitting only.

Marco Martinez
340 SW Acie James RD.
High Springs, FL. 32643

Homes by Whitaker INC.
6913 Southwest Highway 200
Ocala, FL. 34476

Directions To Parcel ID 10031-000
2.05 Acres

1. Coming from I-75 north, exit at the Alachua 441 state road exit ramp
2. Travel north on 441 for (towards high springs) aprox. 10.2 miles
3. Take a left on 'SW Acie James road' (next to Bob's Used rv parts)
4. Go 0.1 mile on Acie James Road. Property is located on your left

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: MARTINEZ RES. #2116	Builder: HOMES BY WHITTAKER
Address:	Permitting Office: Cumrta
City, State:	Permit Number:
Owner:	Jurisdiction Number: 221006
Climate Zone: North	

1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 5 ☐ 5. Is this a worst case? Yes ☐ 6. Conditioned floor area (ft ²) 2873 ft² ☐ 7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble Default) 321.0 ft ² ☐ b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 321.0 ft ² ☐ 8. Floor types a. Slab-On-Grade Edge Insulation R=0.0, 253.0(p) ft ☐ b. N A ☐ c. N A ☐ 9. Wall types a. Frame, Wood, Adjacent R=11.0, 192.0 ft² ☐ b. Concrete, Ext Insul, Exterior R=4.1, 1860.0 ft² ☐ c. Concrete, Int Insul, Adjacent R=4.1, 140.0 ft² ☐ d. N A ☐ e. N A ☐ 10. Ceiling types a. Under Attic R=30.0, 2873.0 ft² ☐ b. Under Attic R=30.0, 286.0 ft² ☐ c. N A ☐ 11. Ducts a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 148.0 ft ☐ b. N A ☐	12. Cooling systems a. Central Unit Cap: 48.0 kBtu hr ☐ SEER: 13.00 ☐ b. Central Unit Cap: 18.0 kBtu hr ☐ SEER: 13.00 ☐ c. N A ☐ 13. Heating systems a. Electric Heat Pump Cap: 48.0 kBtu hr ☐ HSPF: 9.20 ☐ b. Electric Heat Pump Cap: 18.0 kBtu hr ☐ HSPF: 8.50 ☐ c. N A ☐ 14. Hot water systems a. Electric Resistance Cap: 66.0 gallons ☐ EF: 0.90 ☐ b. N A ☐ c. Conservation credits ☐ (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits ☐ (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
---	--

Glass/Floor Area: 0.11

Total as-built points: 39015

Total base points: 44875

PASS

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

PREPARED BY: SUNCOAST INSULATORS
Ocala (352) 629-8157
Newberry (352) 472-8595
Orlando (407) 265-2550
Orlando (407) 343-7999

DATE: 6-13-06

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

OWNER/AGENT: John Whittaker

DATE: 7/20/06

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

BUILDING OFFICIAL: _____

DATE: _____



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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **MARTINEZ RES. #2116**
Address:
City, State: ,
Owner:
Climate Zone: **North**

Builder: **HOMES BY WHITTAKER**
Permitting Office:
Permit Number:
Jurisdiction Number:

- | | | | | | |
|---|------------------------------|-----|--|-------------------|-----|
| 1. New construction or existing | New | ___ | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | ___ | a. Central Unit | Cap: 48.0 kBtu hr | ___ |
| 3. Number of units, if multi-family | 1 | ___ | | SEER: 13.00 | ___ |
| 4. Number of Bedrooms | 5 | ___ | b. Central Unit | Cap: 18.0 kBtu hr | ___ |
| 5. Is this a worst case? | Yes | ___ | | SEER: 13.00 | ___ |
| 6. Conditioned floor area (ft²) | 2873 ft² | ___ | c. N A | | ___ |
| 7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default) | | ___ | | | ___ |
| a. U-factor: | Description Area | | 13. Heating systems | | |
| (or Single or Double DEFAULT) | 7a. (Dble Default) 321.0 ft² | ___ | a. Electric Heat Pump | Cap: 48.0 kBtu hr | ___ |
| b. SHGC: | | ___ | | HSPF: 9.20 | ___ |
| (or Clear or Tint DEFAULT) | 7b. (Clear) 321.0 ft² | ___ | b. Electric Heat Pump | Cap: 18.0 kBtu hr | ___ |
| 8. Floor types | | ___ | | HSPF: 8.50 | ___ |
| a. Slab-On-Grade Edge Insulation | R=0.0, 253.0(p) ft | ___ | c. N A | | ___ |
| b. N A | | ___ | | | ___ |
| c. N A | | ___ | 14. Hot water systems | | |
| 9. Wall types | | ___ | a. Electric Resistance | Cap: 66.0 gallons | ___ |
| a. Frame, Wood, Adjacent | R=11.0, 192.0 ft² | ___ | | EF: 0.90 | ___ |
| b. Concrete, Ext Insul, Exterior | R=4.1, 1860.0 ft² | ___ | b. N A | | ___ |
| c. Concrete, Int Insul, Adjacent | R=4.1, 140.0 ft² | ___ | | | ___ |
| d. N A | | ___ | c. Conservation credits | | ___ |
| e. N A | | ___ | (HR-Heat recovery, Solar | | ___ |
| 10. Ceiling types | | ___ | DHP-Dedicated heat pump) | | ___ |
| a. Under Attic | R=30.0, 2873.0 ft² | ___ | 15. HVAC credits | | ___ |
| b. Under Attic | R=30.0, 286.0 ft² | ___ | (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| c. N A | | ___ | HF-Whole house fan, | | ___ |
| 11. Ducts | | ___ | PT-Programmable Thermostat, | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 148.0 ft | ___ | MZ-C-Multizone cooling, | | ___ |
| b. N A | | ___ | MZ-H-Multizone heating) | | ___ |

Glass/Floor Area: 0.11

Total as-built points: 39015

Total base points: 44875

PASS

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

PREPARED BY: SUNCOAST INSULATORS

DATE: 10-12-06

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2873.0	20.04	10363.5	Double, Clear	N	2.0	6.0	19.0	19.20	0.90	328.4
				Double, Clear	SE	2.0	6.0	47.0	42.75	0.80	1612.6
				Double, Clear	E	2.0	6.0	90.0	42.06	0.85	3210.4
				Double, Clear	W	2.0	6.0	65.0	38.52	0.85	2126.9
				Double, Clear	W	2.0	6.0	100.0	38.52	0.85	3272.2
				As-Built Total:			321.0			10550.4	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Exterior	1860.0	1.70	3162.0	Frame, Wood, Adjacent	11.0		192.0	0.70		134.4	
Adjacent	332.0	0.70	232.4	Concrete, Ext Insul, Exterior	4.1		1860.0	0.63		1181.1	
				Concrete, Int Insul, Adjacent	4.1		140.0	0.75		104.3	
Base Total:				2192.0		3394.4		As-Built Total:		2192.0	
										1419.8	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Exterior	180.0	4.10	738.0	Exterior Insulated			180.0	4.10		738.0	
Adjacent	18.0	1.60	28.8	Adjacent Insulated			18.0	1.60		28.8	
Base Total:				198.0		766.8		As-Built Total:		198.0	
										766.8	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	3159.0	1.73	5465.1	Under Attic	30.0		2873.0	1.73 X 1.00		4970.3	
				Under Attic	30.0		286.0	1.73 X 1.00		494.8	
Base Total:				3159.0		5465.1		As-Built Total:		3159.0	
										5465.1	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	253.0(p)	-37.0	-9361.0	Slab-On-Grade Edge Insulation	0.0		253.0(p)	-41.20		-10423.6	
Raised	0.0	0.00	0.0								
Base Total:				-9361.0		253.0		As-Built Total:		-10423.6	
INFILTRATION Area X BSPM = Points								Area X SPM = Points			
2873.0 10.21 29333.3								2873.0 10.21 29333.3			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 39962.1				Summer As-Built Points: 37111.8						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (1.09 x 1.147 x 1.00)	X System Multiplier	X Credit Multiplier	=	Cooling Points
				(sys 1: Central Unit 48000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
				37112	0.73	(1.09 x 1.147 x 1.00)	0.263	1.000		8859.2
				(sys 2: Central Unit 18000 btuh ,SEER/EFF(13.0) Ducts: None						
				37112	0.27	(1.00 x 1.147 x 1.00)	0.263	1.000		3322.2
39962.1	0.4266		17047.8	37111.8	1.00	1.250	0.263	1.000		12181.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2873.0	12.74	6588.4	Double, Clear	N	2.0	6.0	19.0	24.58	1.00	469.2
				Double, Clear	SE	2.0	6.0	47.0	14.71	1.18	812.2
				Double, Clear	E	2.0	6.0	90.0	18.79	1.06	1793.8
				Double, Clear	W	2.0	6.0	65.0	20.73	1.04	1404.9
				Double, Clear	W	2.0	6.0	100.0	20.73	1.04	2161.4
				As-Built Total:				321.0	6641.4		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Exterior	1860.0	3.70	6882.0	Frame, Wood, Adjacent	11.0		192.0	3.60		691.2	
Adjacent	332.0	3.60	1195.2	Concrete, Ext Insul, Exterior	4.1		1860.0	4.89		9086.1	
				Concrete, Int Insul, Adjacent	4.1		140.0	4.61		644.7	
Base Total:	2192.0		8077.2	As-Built Total:		2192.0		10422.0			
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Exterior	180.0	8.40	1512.0	Exterior Insulated			180.0	8.40		1512.0	
Adjacent	18.0	8.00	144.0	Adjacent Insulated			18.0	8.00		144.0	
Base Total:	198.0		1656.0	As-Built Total:		198.0		1656.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	3159.0	2.05	6475.9	Under Attic	30.0		2873.0	2.05 X 1.00		5889.6	
				Under Attic	30.0		286.0	2.05 X 1.00		586.3	
Base Total:	3159.0		6475.9	As-Built Total:		3159.0		6475.9			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	253.0(p)	8.9	2251.7	Slab-On-Grade Edge Insulation	0.0		253.0(p)	18.80		4756.4	
Raised	0.0	0.00	0.0								
Base Total:			2251.7	As-Built Total:		253.0		4756.4			
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
	2873.0	-0.59	-1695.1	2873.0 -0.59 -1695.1							

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		23354.1		Winter As-Built Points:				28256.7		
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
				(sys 1: Electric Heat Pump 48000 btuh ,EFF(9.2) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 28256.7	0.727	(1.069 x 1.169 x 1.00)	0.371	1.000	9518.7	
				(sys 2: Electric Heat Pump 18000 btuh ,EFF(8.5) Ducts: None 28256.7	0.273	(1.00 x 1.169 x 1.00)	0.401	1.000	3863.5	
23354.1		0.6274	14652.4	28256.7	1.00	1.250	0.379	1.000	13365.6	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier X Credit	= Total Multiplier
Number of Bedrooms	X	Multiplier	=	Total						
5		2635.00		13175.0	66.0	0.90	5	1.00	2693.56	1.00
					As-Built Total:					13467.8

CODE COMPLIANCE STATUS											
BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
17048		14652		13175	44875	12181		13366		13468	39015

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.2

The higher the score, the more efficient the home.

1. New construction or existing	New	_____	12. Cooling systems	
2. Single family or multi-family	Single family	_____	a. Central Unit	Cap: 48.0 kBtu hr _____ SEER: 13.00 _____
3. Number of units, if multi-family	1	_____	b. Central Unit	Cap: 18.0 kBtu hr _____ SEER: 13.00 _____
4. Number of Bedrooms	5	_____	c. N/A	_____
5. Is this a worst case?	Yes	_____	13. Heating systems	
6. Conditioned floor area (ft²)	2873 ft²	_____	a. Electric Heat Pump	Cap: 48.0 kBtu hr _____ HSPF: 9.20 _____
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		_____	b. Electric Heat Pump	Cap: 18.0 kBtu hr _____ HSPF: 8.50 _____
a. U-factor:	Description Area		c. N/A	_____
(or Single or Double DEFAULT)	7a. (Dble Default) 321.0 ft²	_____	14. Hot water systems	
b. SHGC:		_____	a. Electric Resistance	Cap: 66.0 gallons _____ EF: 0.90 _____
(or Clear or Tint DEFAULT)	7b. (Clear) 321.0 ft²	_____	b. N/A	_____
8. Floor types		_____	c. Conservation credits	_____
a. Slab-On-Grade Edge Insulation	R=0.0, 253.0(p) ft	_____	(HR-Heat recovery, Solar	_____
b. N/A	_____	_____	DHP-Dedicated heat pump)	_____
c. N/A	_____	_____	15. HVAC credits	_____
9. Wall types		_____	(CF-Ceiling fan, CV-Cross ventilation,	_____
a. Frame, Wood, Adjacent	R=11.0, 192.0 ft²	_____	HF-Whole house fan,	_____
b. Concrete, Ext Insul. Exterior	R=4.1, 1860.0 ft²	_____	PT-Programmable Thermostat,	_____
c. Concrete, Int Insul. Adjacent	R=4.1, 140.0 ft²	_____	MZ-C-Multizone cooling,	_____
d. N/A	_____	_____	MZ-H-Multizone heating)	_____
e. N/A	_____	_____		_____
10. Ceiling types		_____		_____
a. Under Attic	R=30.0, 2873.0 ft²	_____		_____
b. Under Attic	R=30.0, 286.0 ft²	_____		_____
c. N/A	_____	_____		_____
11. Ducts		_____		_____
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 148.0 ft	_____		_____
b. N/A	_____	_____		_____

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

Builder Signature: _____ Date: _____

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



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

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge[®] (Version: FLRCSB v4.21)

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.2

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 kBtu hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	5	b. Central Unit	Cap: 18.0 kBtu hr
5. Is this a worst case?	Yes		SEER: 13.00
6. Conditioned floor area (ft ²)	2873 ft ²	c. N/A	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 48.0 kBtu hr
(or Single or Double DEFAULT)	7a. (Dble Default) 321.0 ft ²		HSPF: 9.20
b. SHGC:		b. Electric Heat Pump	Cap: 18.0 kBtu hr
(or Clear or Tint DEFAULT)	7b. (Clear) 321.0 ft ²		HSPF: 8.50
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 253.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 66.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Adjacent	R=11.0, 192.0 ft ²	c. Conservation credits	
b. Concrete, Ext Insul. Exterior	R=4.1, 1860.0 ft ²	(HR-Heat recovery, Solar	
c. Concrete, Int Insul. Adjacent	R=4.1, 140.0 ft ²	DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2873.0 ft ²	PT-Programmable Thermostat,	
b. Under Attic	R=30.0, 286.0 ft ²	MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 148.0 ft		
b. N/A			

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

Builder Signature: *John W. W. W.*

Date: 7/20/06

Address of New Home: _____

City/FL Zip: _____



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

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge[®] (Version: FLRCSB v4.21)

FIELD DENSITY WORKSHEET

DATE 28 NOV 06

PROJECT NO. _____

PERMIT NO. 000024879

TESTED BY Jk/C

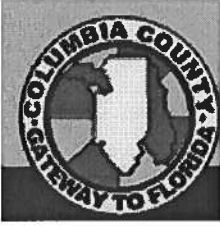
FIELD CONTACT

TOTAL ON-SITE TIME _____ MILES FROM OFFICE _____

☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☒ Building Pad ☒ Building Footing ☐ Other _____

REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0607-70**
Contractor Homes by Whittaker Owners Marco Martinez

On the date of July 27, 2006 application 0607-70 and plans for construction of single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0607-70 and when making reference to this application.

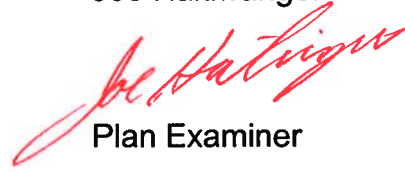
This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

1. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement before any inspections can be preformed by the Columbia County Building Department.

- 2.** Please make application for a 911 address by contacting the Emergency Management - 911 addressing Mr. Ronnie McCardel @ (386) 758-1125.
- 3.** One wall of the tub area in the master bathroom is enclosed by glass blocks, Please verify compliance with the FRC-2004 section R308.4
Hazardous locations: Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface. Each pane of glazing installed in hazardous locations as defined in Section R308.4 shall be provided with a manufacturer's or installer's label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.
- 4.** The electrical plan gives the location of the electrical panel and includes the total amperage rating of the electrical service panel. Verify that a 200 amp main overcurrent protection device will be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Joe Haltiwanger

A handwritten signature in red ink, appearing to read "Joe Haltiwanger", is written over the printed name.

Plan Examiner

Columbia County

HOMES BY WHITTAKER, INC.

**24809 N.W. 160th Avenue
High Springs, Florida 32643**

Phone Number: 386-454-1512/1-800-910-1514

Fax Number: 386-454-1957

FAX TRANSMITTAL FORM

To: Joe Haltiwanger

Name:

Phone:

Fax # 386-754-7088

From: Sandra Carrouth

Date Sent: 8-1-06

Number of Pages: 4

RE: Building Permit application # 0607-70 (Owners: Marco Martinez)

Dear Mr. Haltiwanger:

The Acrylic Block window in master bath is approved..... Hylite Products, Inc. 625/825 fixed FL2025.2.

911 Address per attached is: 206 S.W. Acie James Rd., High Springs, Florida 32643.

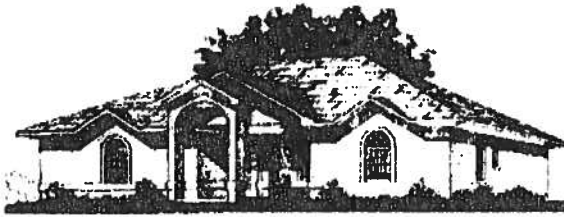
I have attached letter confirming 200 AMP main overcurrent protection.

If you need additional information, please call.

Thank you for your help.

Sincerely,

Sandra
Sandra



HOMES BY WHITTAKER, INC.

P.O. Box 771149 • Ocala, Florida 34477 • Phone (352) 873-1343 • Fax (352) 873-1138

August 1, 2006

Columbia County Building & Zoning Department
P.O. Box 1529
Lake City, Florida 32056-1529

FAXED: 8-1-06

ATTENTION: JOE HALTIWANGER

RE: BUILDING PERMIT APPLICATION # 0607-70

Dear Mr. Haltiwanger:

Per our telephone conversation today, I wish to confirm the following:

This is to verify that a 200 amp main overcurrent protection device will be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

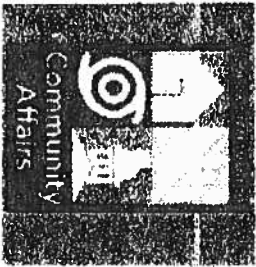
Please let me know if you need additional information.

Sincerely,

HOMES BY WHITTAKER


Sandra Carrouth

FLORIDA DEPARTMENT OF Community Affairs



Product Approval
USER: Public User

BCIS Home Log In Hot Topics Submit & Facts Publications FBC Staff Map BCIS Site Links Search

FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS

Product Approval Menu > Product or Application Search > Application List

Search Criteria

Refine Search

Code Version 2004 FL# 2025.2
Application Type ALL Product Manufacturer ALL
Category ALL Subcategory ALL
Application Status ALL Compliance Method ALL

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL2025-R1	Revision	Hy-Lite Products Inc.		Approved
History		FL#: FL2025.2 Model: 625/825 Description: Aluminum w/ 2x6 2x8 Blocks Category: Windows		

**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 INTERSTATE 75.

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☐	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> 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/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

Plans Engineer

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC Information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

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

1 HP
220 Gallon Tank

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

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Applicant	Plans Examiner	
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☐	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> 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/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

Floor Plan including:

- ☐ a) Rooms labeled and dimensioned
- ☐ b) Shear walls
- ☐ 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)
- ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☐ f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

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

Roof System:

- ☐ a) Truss package including:

- 1. Truss layout and truss details signed and sealed by FI. Pro. Eng.
- 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

- ☐ b) Conventional Framing Layout including:

- 1. Rafter size, species and spacing
- 2. Attachment to wall and uplift
- 3. Ridge beam sized and valley framing and support details
- 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- ☐ a) Masonry wall

- 1. All materials making up wall
- 2. Block size and mortar type with size and spacing of reinforcement
- 3. Lintel, tie-beam sizes and reinforcement
- 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
- 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 (termicide or alternative method)
- 10. Slab on grade
 - a. Vapor retardant (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)

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 8 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

MA

Floor Framing System:

- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Gas System Type (LP or Natural) Location and BTU demand of equipment

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

a) Size of pump motor 1 HP
b) Size of pressure tank - 220 bladder
c) Cycle stop valve if used

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Therma Tru	Construction Series	FL 1170.2
B. SLIDING	Better Built	420	FL 5483.2
C. SECTIONAL/ROLL UP	Windsor Door Co	Model 724, 726, 730 16' door	FL 1416-R3
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Better Built	740 Flange Frame	5438.24
B. HORIZONTAL SLIDER	Better Built	680	5457.4
C. CASEMENT	NA		
D. FIXED	Better Built	740 Flange Frame 71x71 R35	5418.13
E. MULLION	Better Built	Flange Tube Mullion aluminum	5513.2/5513.3
F. SKYLIGHTS	NA		
G. OTHER	NA		
3. PANEL WALL			
A. SIDING	NA		
B. SOFFITS	Alcoa Home Product	Aluminum Soffit	FL 5543/
C. STOREFRONTS	NA		
D. GLASS BLOCK	us Block Window	Aluminum Frame w/ 3x8 block	FL 185.3
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Owens Corning	3 tab classic / 30x4. Architectural	3663.2/3663.3
B. NON-STRUCT METAL	NA		
C. ROOFING TILES	NA		
D. SINGLE PLY ROOF	NA		
E. OTHER	NA		
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	NA		
B. WOOD ANCHORS	NA		
C. TRUSS PLATES	Simpson Strongtie	HTT16	FL 503.20
D. INSULATION FORMS	NA		
E. LINTELS	Marion Masonry	Precast + Prestressed lintel	5096
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.	NA		

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

Samana Pursant
APPLICANT SIGNATURE

7/20/06
DATE

Homes by Whittaker, Inc.

P. O. Box 771149
Ocala, FL 34477-1149

ROOFING, WINDOW & DOOR REQUIREMENTS**ROOF SYSTEM DESCRIPTION**

The diagram illustrates a gabled roof system with the following components and specifications:

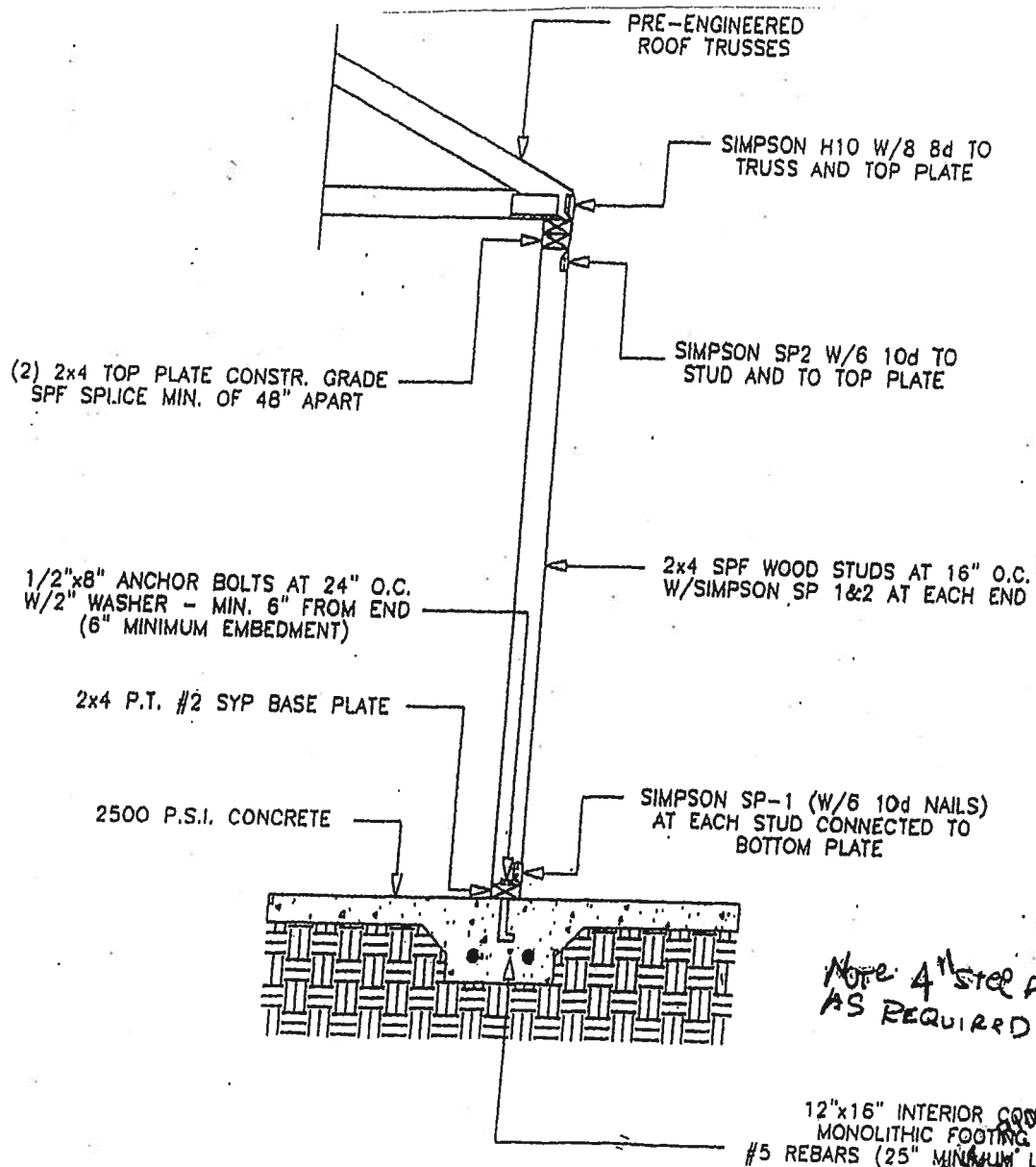
- DECK TYPE:** OSB, Gable ends 4" o.c., field 6" o.c., hip ends 6", field 12" o.c. (OSB etc, Nail pattern & fastener size) *8d common nail*
- UNDERLAYMENT:** 90# felt (Felt weight)
- FLASHING:** 29 ga. mil finish 4x5 galvanized
- CAP SHEET:** N/A (Flat roof only)
- ROOF COVERING:** 30yr. Arched Owens Corning (Mfg. & Nailing) *6 nails per shingle*
- DRIP EDGE MATERIAL:** Aluminum 12" o.c.
- EAVE VENTILATION:** Vented aluminum soffit
- Valley material:** 90 lb. underlayment nailed every 12 inches w/1-1/4" roofing nails
- EDGE VENTILATION:** ridge vent
- ROOF SLOPE:** 12" to 6"
- EAVE HEIGHT:** 86"

WINDLOAD INFO

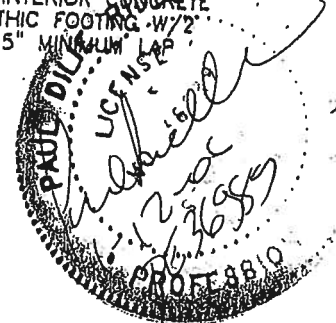
1. Basic wind speed 100 mph ☒ 110 mph
2. Wind importance factor 1.00
3. Wind exposure B
4. Internal pressure coefficient enclosed building
5. Components & cladding (design pressure) _____

RIDDLE ENGINEERING FOR:

- 1. Framing Detail @ Non-Rectangular Masonry Opening**
- 2. Door Buck Detail**
- 3. Window Buck Detail**
- 4. Garage Door Attachment Detail**
- 5. Fireplace Detail**
- 6. Interior Bearing Wall Detail**
- 7. Front Entry Detail (over 10')**
- 8. Gable Bracing Detail**



INTERIOR BEARING WALL DETAIL
NO SCALE



THIS DETAIL TO BE PLACED ON FILE FOR USE BY
HOMES BY WHITTAKER

EXPIRES 12-31-06

DORMER FRAMING DETAIL

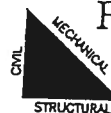
HOMES BY WHITTAKER

NTS

12-16-05

ENGINEER'S NOTES:

1. BASIC WIND SPEED (3 SECOND GUST) = 110 MPH
2. WIND IMPORTANCE FACTOR = 1.0
3. WIND EXPOSURE = "B"
4. FLORIDA BUILDING CODE 2004 RESIDENTIAL



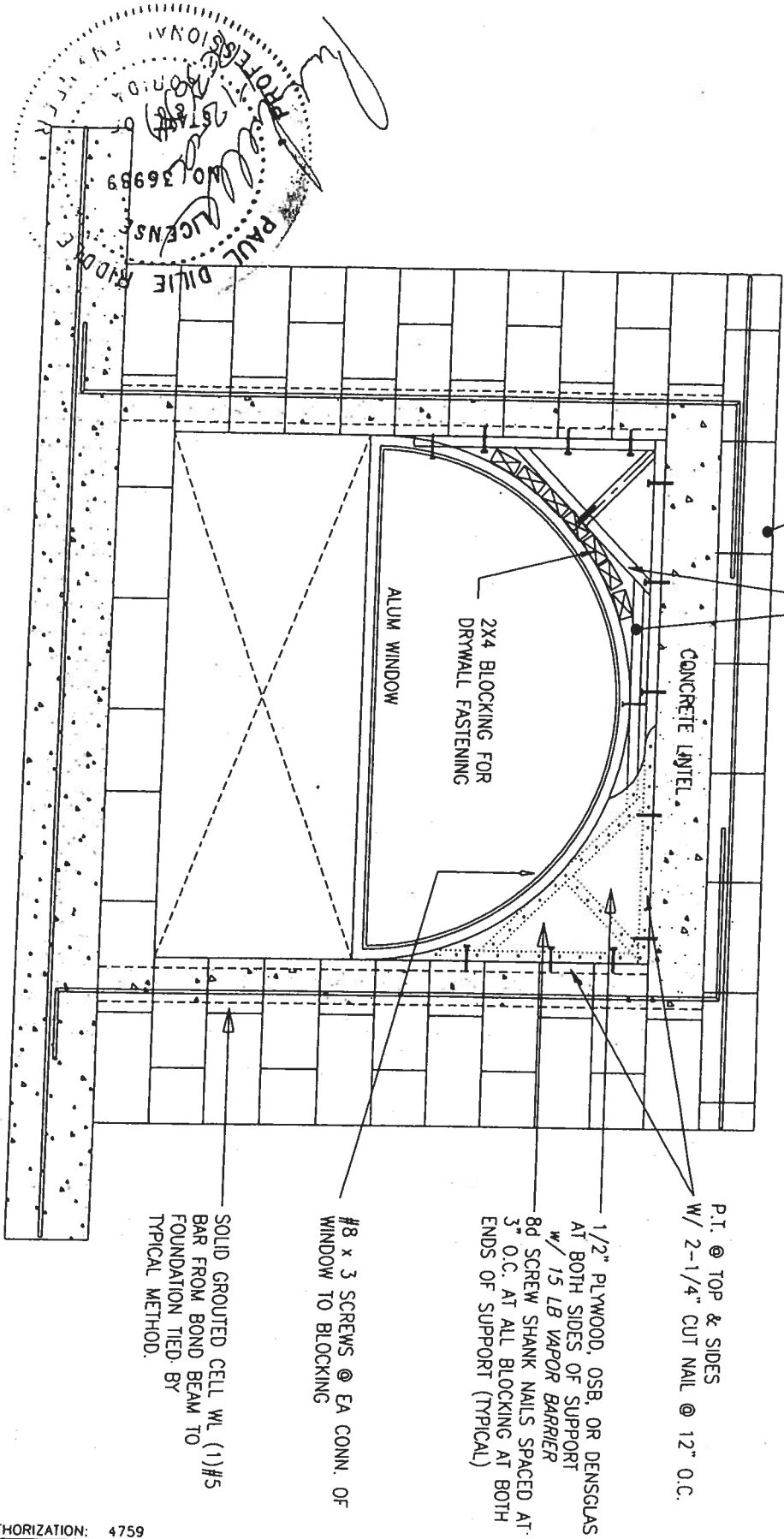
RIDDLE CONSULTING
ENGINEERS

1720 S.E. COUNTY HWY 484
Belleview, Florida 34420
(352) 245-7041

CERTIFICATE OF AUTHORIZATION: 00004759

NOTE: 8" PRECAST LINTEL MAY ACT AS BOND BEAM WHERE MANUFACTURER'S RECOMMENDED LOADING IS NOT EXCEEDED BY THE WEIGHT OF TRUSSES ON THE BEAM

ANGLE BRACE IS NEEDED FOR OPENING > 54"
TOE NAIL (2) 16d NAILS
@ EA END OF ANGLE BRACES



FRAMING DETAIL @ NON-RECTANGULAR MASONRY OPENING



DETAIL APPLIES TO WINDOWS RANGING IN WIDTH FROM 20" TO 76"

HALF ROUND DESIGN IS FOR PRESENTATION PURPOSES ONLY. EYEBROW TYPE AND OTHER SIMILAR SHAPES ARE ALSO PERMITTED UNDER THIS CONFIGURATION.

ENGINEER'S NOTES (FL BLDG CODE 2004 RESIDENTIAL):

1. DESIGN WIND SPEED = 110 MPH, EXPOSURE B, ENCLOSED
2. LIVE LOAD ROOF = 20 PSF, DEAD LOAD = 12 PSF, FBC 2001

DETAIL TO BE PLACED ON FILE FOR USE BY
HOMES BY WHITTAKER

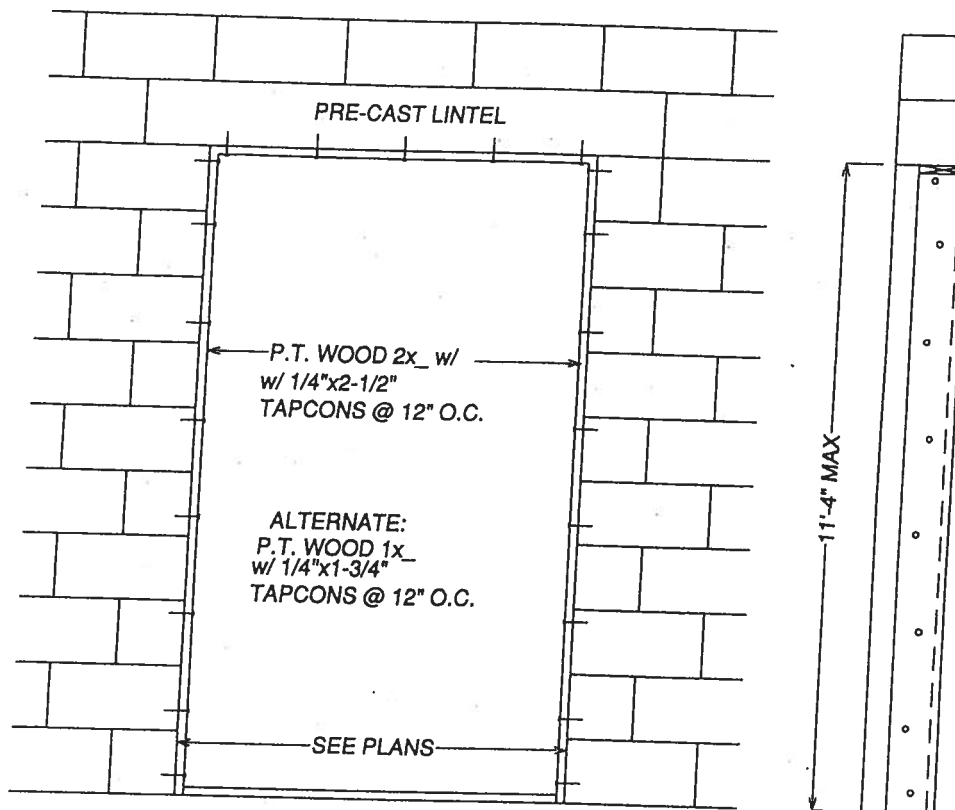
CERTIFICATE OF AUTHORIZATION: 4759

RIDDLE CONSULTING ENGINEERS
1720 S.E. COUNTY HWY 484
Belleview, Florida 34420
(352) 245-7041

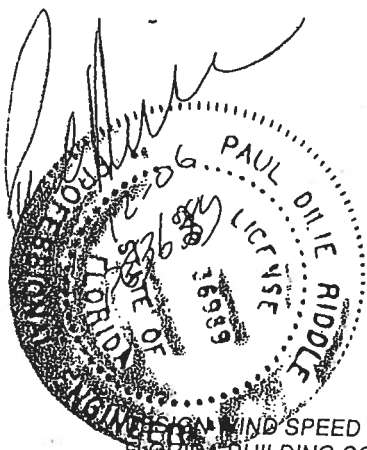
12/16/05
1/4"=1'0"

ARCHED WINDOW FRAMING DETAIL
HOMES BY WHITTAKER





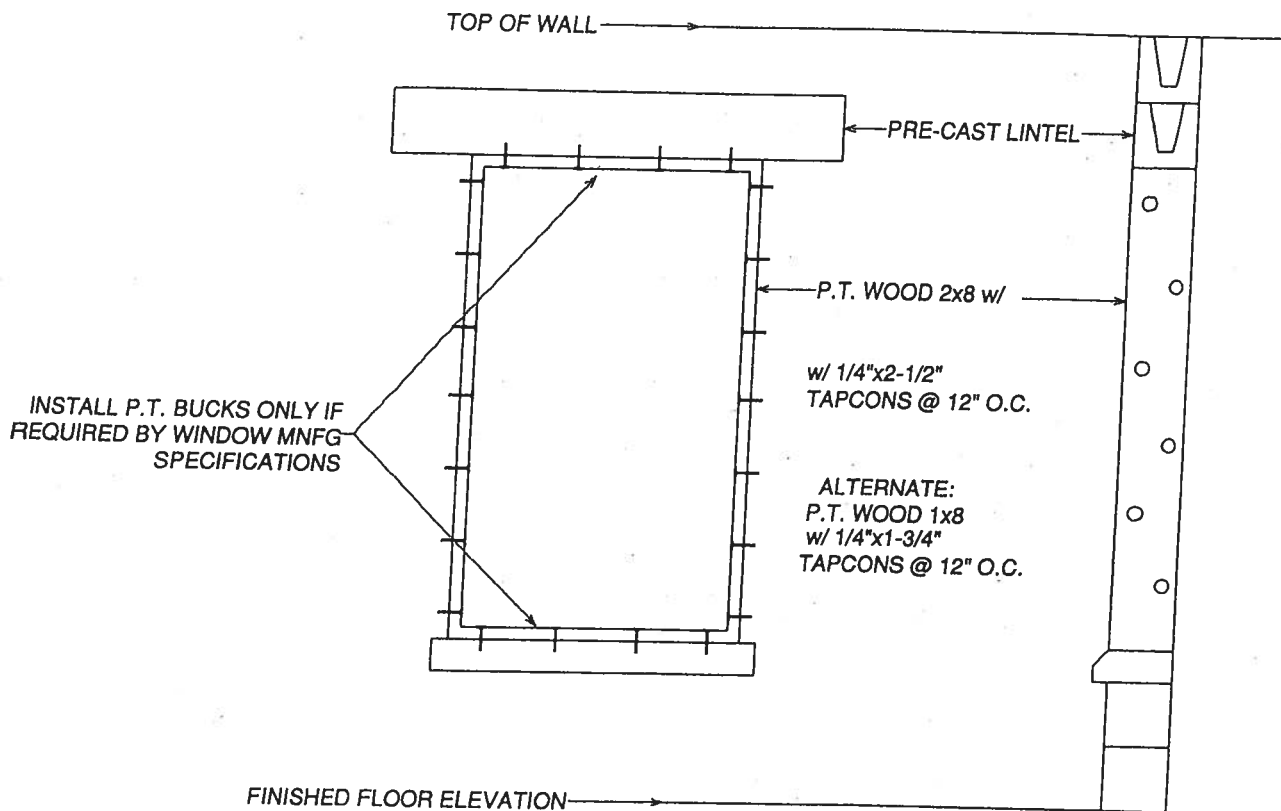
DOOR BUCK DETAIL @ EXTERIOR WALL SCALE 1/2" = 1'-0"



DESIGN WIND SPEED = 110 MPH 3 SEC GUST
 FLORIDA BUILDING CODE 2004 RESIDENTIAL
 DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

DETAIL IS TO BE PLACED ON FILE
 FOR HOMES BY WHITTAKER
 EXPIRES 12-31-06

DOOR BUCK DETAIL				
FOR				
HOMES BY WHITTAKER				
RIDDLE CONSULTING ENGINEERS CERTIFICATE OF AUTHORIZATION: 00004759 1720 S.E. COUNTY HWY 484 Belleview, Florida 34420 (352) 245-7041				
CIVIL STRUCTURAL	scale NTS	drawn PDR	date 12/16/04	Proj No. NA Page 1 of 1



WINDOW BUCK DETAIL

@ EXTERIOR WALL

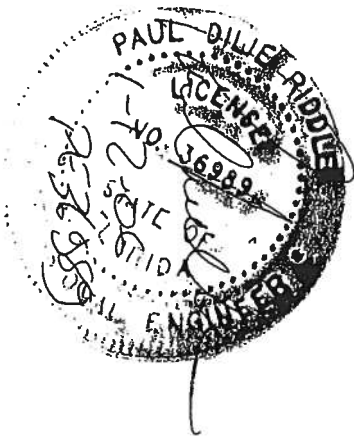
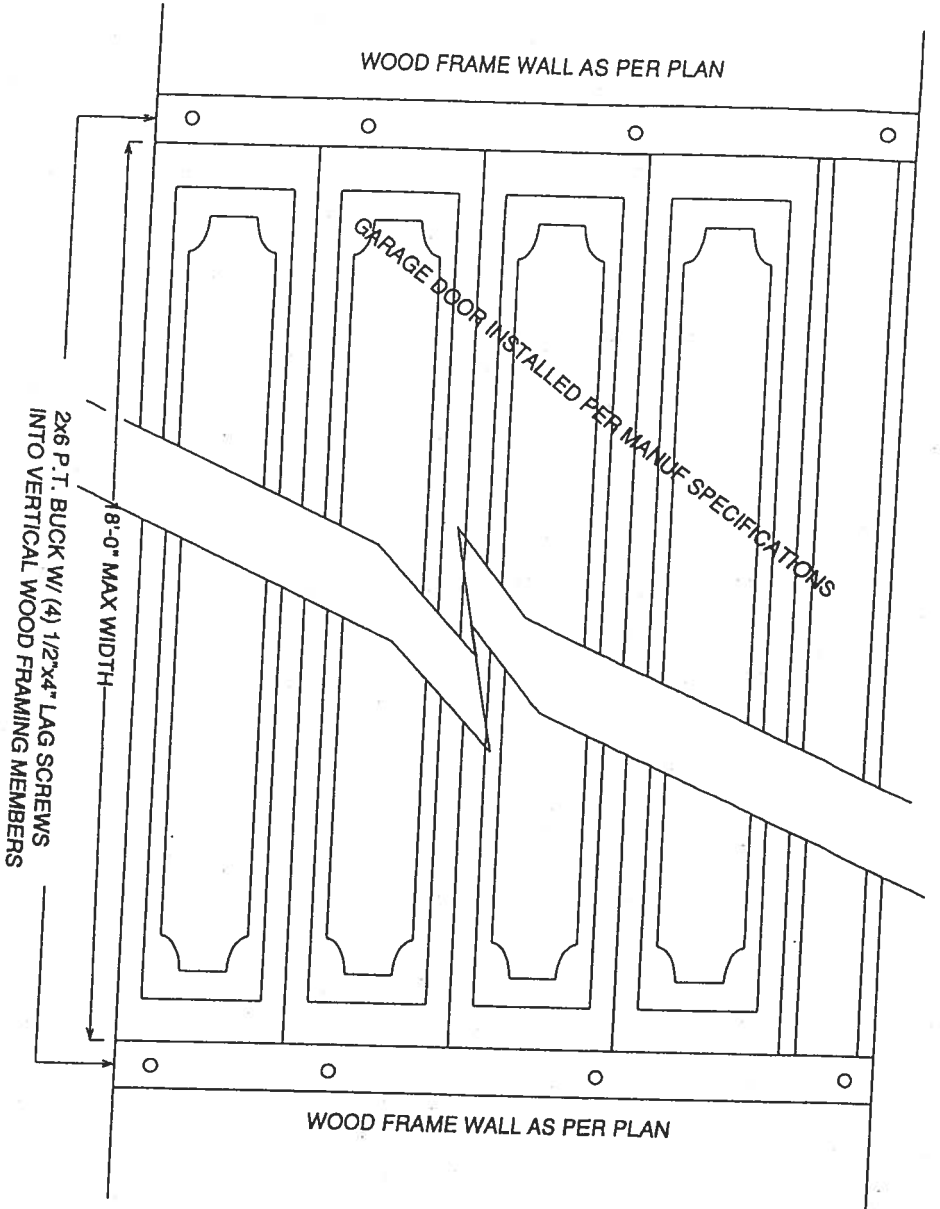
SCALE 1/2" = 1'-0"



DESIGN WIND SPEED = 110 MPH 3 SEC GUST
FLORIDA BUILDING CODE 2004 RESIDENTIAL
DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

DETAIL IS TO BE PLACED ON FILE
FOR HOMES BY WHITTAKER
EXPIRES 12-31-06

WINDOW BUCK DETAIL				
HOMES BY WHITTAKER				
CIVIL MECHANICAL STRUCTURAL	RIDDLE CONSULTING ENGINEERS			
	1720 S.E. COUNTY HWY 484 Bellevue, Florida 34420 (352) 245-7041			
scale NTS	drawn PDR	date 12/16/05	Proj No. N/A	Page 1 of 1



GARAGE DOOR ATTACHMENT DETAIL

DESIGN WIND SPEED = 110 MPH 3 SEC GUST
 FLORIDA BUILDING CODE 2004 RESIDENTIAL
 DESIGN WIND PRESSURE = +21.8, - 29.1 PSF

SCALE 1/2" = 1'-0"

@ EXTERIOR WALL

2x6 P.T. BUCK W/ (4) 1/2"x4" LAG SCREWS
 INTO VERTICAL WOOD FRAMING MEMBERS

18'-0" MAX WIDTH

WOOD FRAME WALL AS PER PLAN

WOOD FRAME WALL AS PER PLAN

GARAGE DOOR INSTALLED PER MANUF SPECIFICATIONS

DETAIL IS TO BE PLACED ON FILE
 FOR HOMES BY WHITTAKER, INC.
 EXPIRES 12/31/06

GARAGE DOOR
 ATTACHMENT DETAIL
 FOR

HOMES BY WHITTAKER, INC.

RIDDLE CONSULTING ENGINEERS

CIVIL
 MECHANICAL
 STRUCTURAL
 CERTIFICATE OF AUTHORIZATION: 00004759
 1720 S.E. COUNTY HWY 484
 Belleview, Florida 34420
 (352) 245-7041

Scale	drawn	date	Proj No.	Page
NTS	PDR	3/18/05	N/A	1

RIDDLE CONSULTING ENGINEERS, INC.

PAUL D. RIDDLE, P.E.

Certificate of Authorization: 00004759

Telephone: (352) 245-7041

Fax: (352) 245-5458

RIDDLE CONSULTING ENGINEERS, INC.

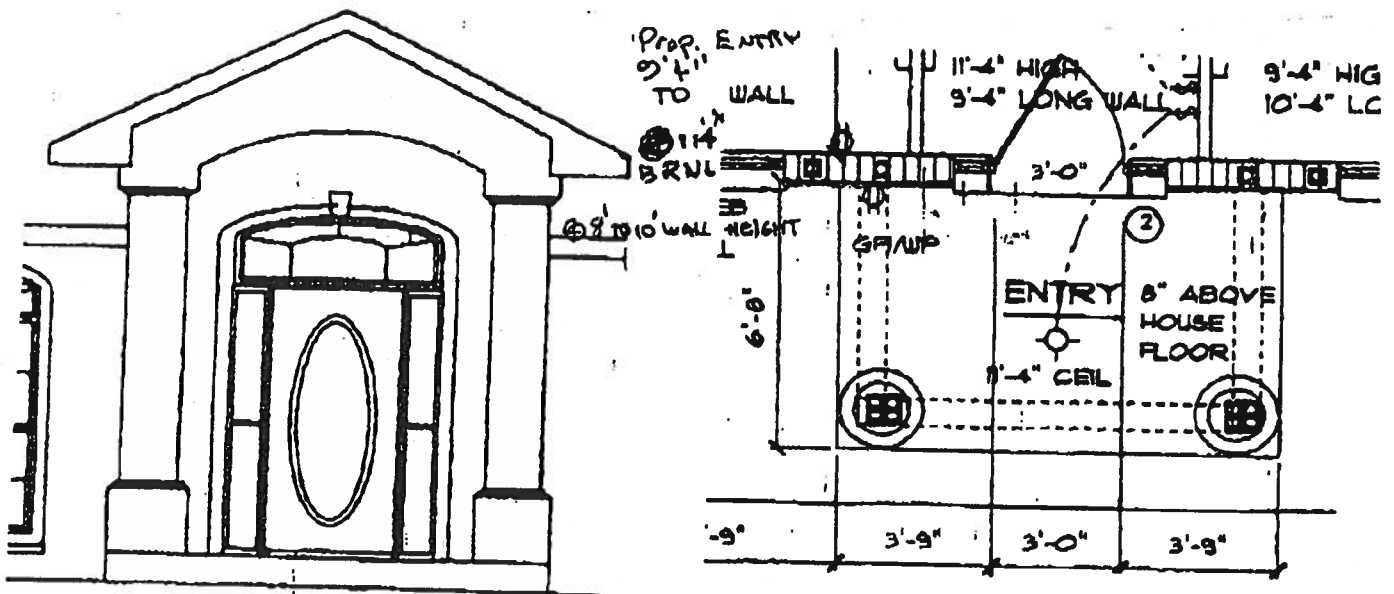
1720 S.E. County Highway 484

Bellevue, Florida 34420

MARION COUNTY BUILDING DEPARTMENT

2631 S.E. 3rd Street

Ocala, Florida 34471



ELEVATION

PLAN

ENTRY DETAIL

N.T.S.

DESIGN WIND PRESSURES (COMPONENTS AND CLADDING)

110 MPH	0-10 SQ FT = +21.8, -29.1
	10-20 SQ FT = +20.8, -27.2
	20-50 SQ FT = +19.5, -24.5
	50-100 SQ FT = +18.5, -22.6

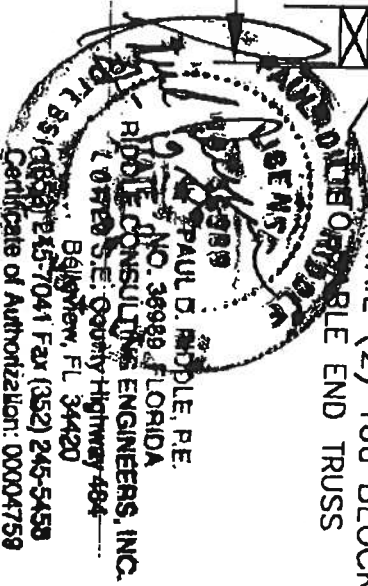
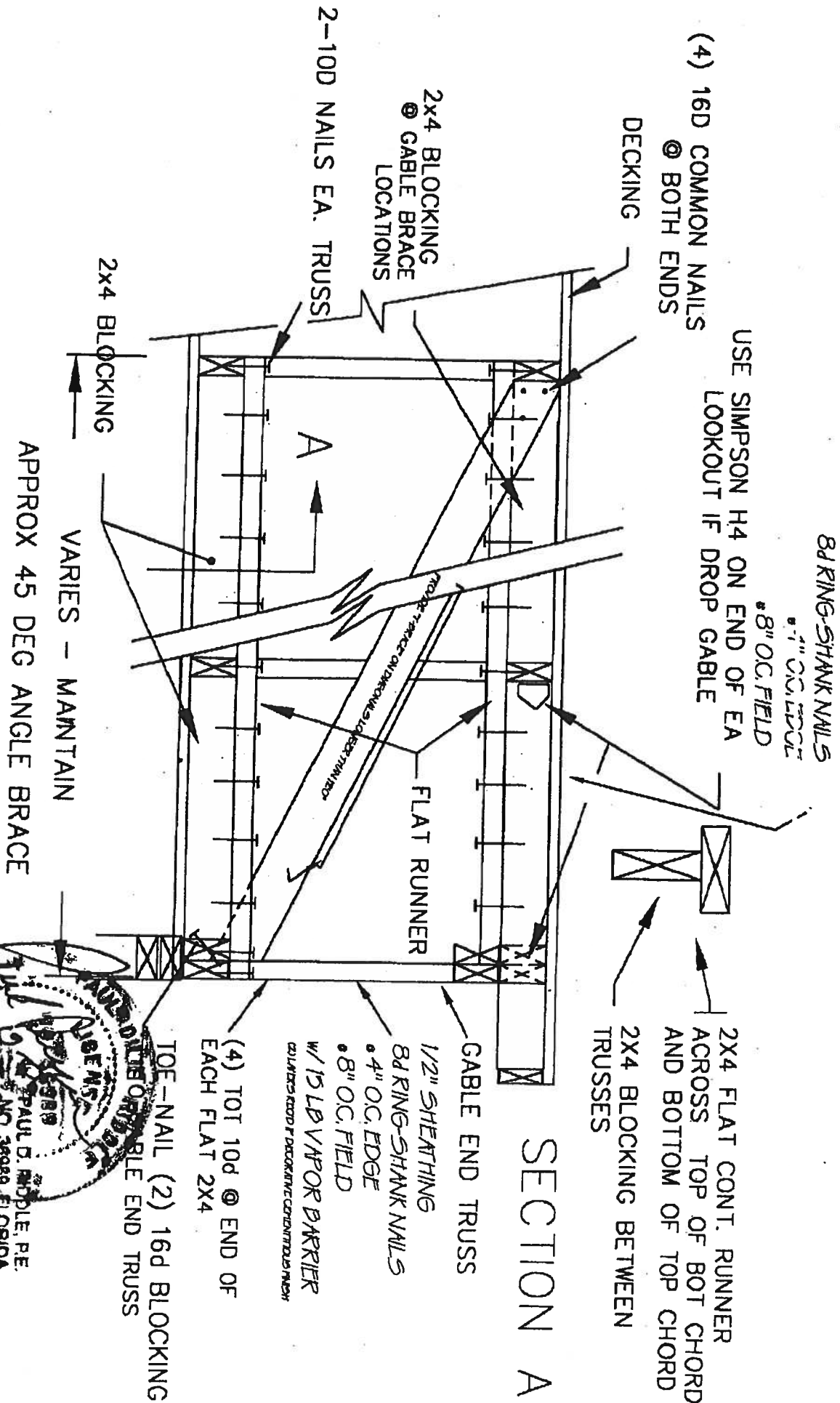
ENGINEER'S NOTES:

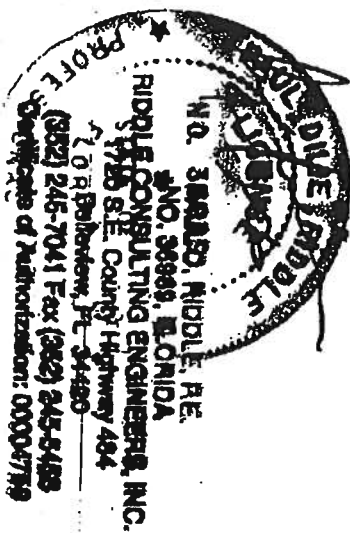
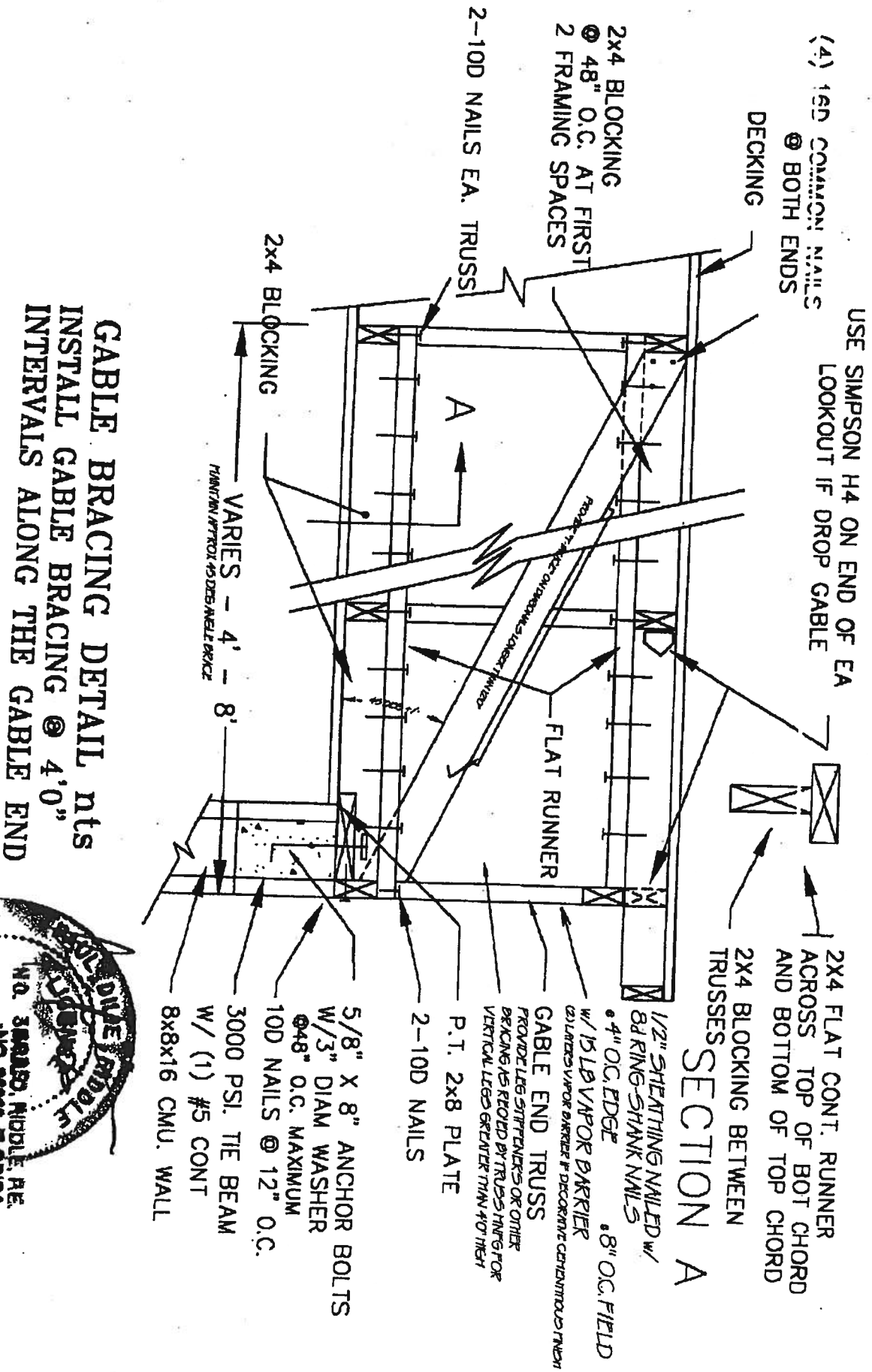
1. BASIC WIND SPEED (3 SECOND GUST) = 110 MPH
2. WIND IMPORTANCE FACTOR = 1.0
3. WIND EXPOSURE = "B"
4. ROOF LIVE LOAD = 20 PSF, DEAD LOAD = 17 PSF
5. ASSUMED SOIL BEARING CAPACITY = 2,000 PSF
6. FLORIDA BUILDING CODE 2004

DETAIL TO BE PLACED ON FILE FOR USE BY HOMES BY WHITTAKER.

PAUL D. RIDDLE, P.E.
No. 0089, FLORIDA

ENGINEERING EXPIRES 12-31-07





RIDDLE ENGINEERING, INC.
700 S.E. County Highway 484
Ft. Lauderdale, FL 33309
(954) 245-7041 Fax (954) 245-6489
Certificate of Authorization: 000067799

DESIGN WIND PRESSURES (COMPONENTS AND CLADDING)

110 MPH

0-10 SQ FT = +21.8, -29.1

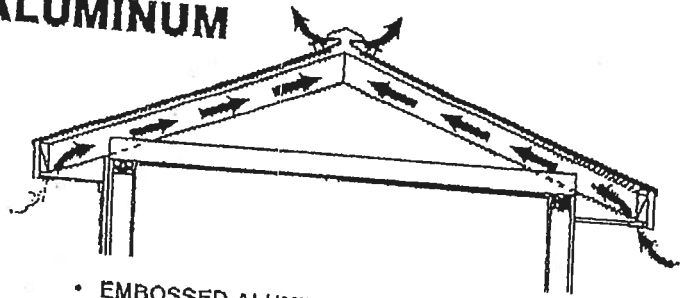
10-20 SQ FT = +20.8, -27.2

20-50 SQ FT = +19.5, -24.6

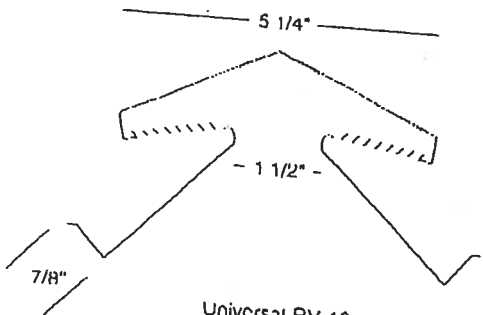
50-100 SQ FT = +18.5, -22.6

RIDGEVENT INFORMATION

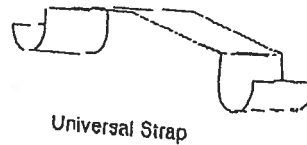
UNIVERSAL RIDGE VENT-ALUMINUM



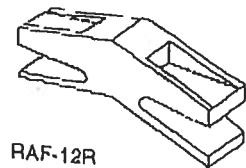
- EMBOSSED ALUMINUM.
- SELF-FLASHING.
- LOW PROFILE modern look blends easily with roof lines.
- ONE PIECE CONSTRUCTION no loose baffles to assemble.
- SAVES ENERGY by removing superheated attic air and reducing air conditioner running time.
- REDUCES DAMAGE to painted surfaces in winter from trapped moisture.
- WEATHER BAFFLE of aluminum is built into the ridge vent shape.
- CAN BE INSTALLED on new or existing construction.
- May be installed with or without connectors.



Universal RV-10
For roof pitches from 3-12
up to 16-12



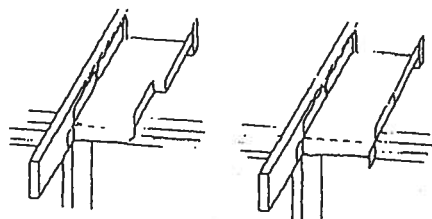
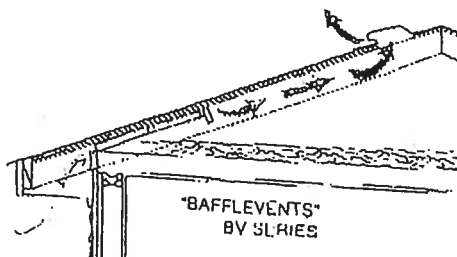
Universal Strap



RAF-12R
End Plug/Connector
with Flap

MODEL #	AVAILABLE COLORS	NET FREE AREA PER LIN. FT.	NO. PER CARTON	WT. PER CARTON
RIDGE VENT Bulk 10 ft. lengths				
RV - 10	M, BL, BR, W, I.G, WG	16 sq. in.	12	51 lbs.
END PLUG / CONNECTOR				
RAF - 12R	BLACK PLASTIC	NA	36	4lbs.
UNIVERSAL STRAPS				
RVSX - 11	M, BL, BR, W, I.G, WG	NA	36	1.75 lbs.

BL = BLACK	BR = BROWN	W = WHITE	WG = WEATHERED GREY
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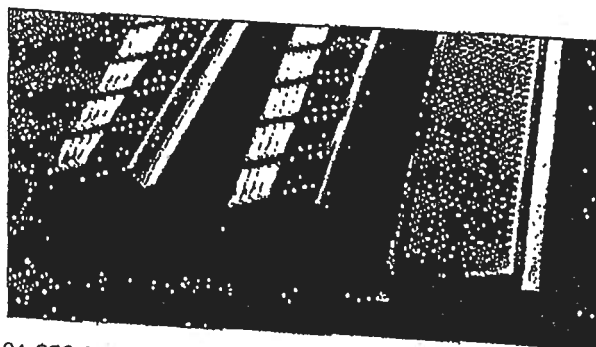
BV-SERIES (31" over all length)

INSULATION BAFFLES AND BAFFLEVENTS

- For new construction or existing buildings 24" O.C.
- Simple low cost installation.
- Helps remove superheated summer air from attic areas.
- Adjustable for greater airflow capacity ... fewer required.
- Saves energy by protecting insulation efficiency.
- Fits any roof pitch.
- Protects insulation from winter frost and moisture damage.
- Stops wasted insulation from entering soffit areas.
- Permits full insulation thickness for proper "R" ratings.
- Designed for standard rafter or manufactured truss construction.

MODEL #	MATERIAL	FREE AIR RANGE	QUANTITY PER BUNDLE	WT. PER BUNDLE
BV-24"	CARDBOARD	27 to 68 sq. in.	30	15 lbs.

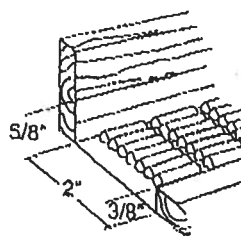
ALUMINUM SOFFIT-STRIP



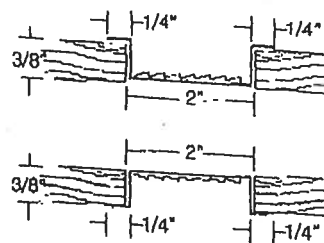
SA SERIES
Bi-Directional Louvers
(1/8" x 1" louvers)

SAL SERIES

SP SERIES



SAL SERIES



Alternate Installations

MODEL #	AVAILABLE COLORS	WIDTH	SECTION FREE LENGTH AREA		NO. PER CARTON	WT. PER CARTON
SA SERIES Bi-Directional Louvers (1/8" x 1" louvers)						
SA - 8	M, W, BR	2"	8 ft.	92 sq. in.	50	23 lbs.
SP SERIES						
SP - 8	M, W, BR	2"	8 ft.	61 sq. in.	50	19 lbs.
SAL SERIES Bi-Directional Louvers (1/8" x 1" louvers)						
SAL - 8	M, W, BR	2 1/4"	8 ft.	92 sq. in.	50	20 lbs.

	W = WHITE	BR = BROWN
--	-----------	------------

LINTEL INFORMATION

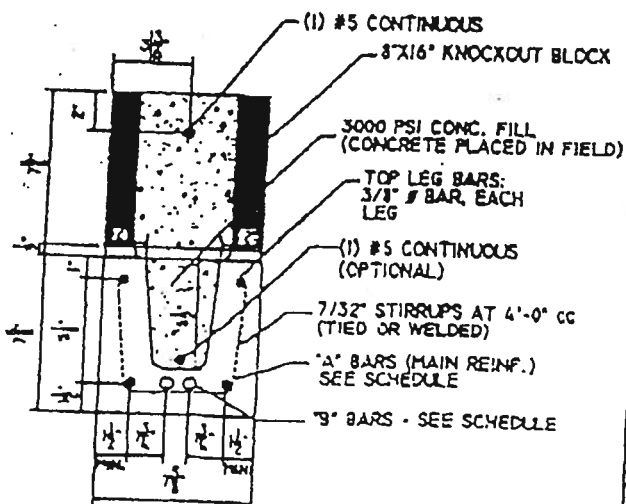
Marion Masonry Materials, Inc.

3855 N.E. 35TH STREET
OCALA, FL 34479
PH. (352) 629-9788

TABLE NO. 5
PRECAST LINTELS
REINFORCING SCHEDULE & LOAD CAPACITIES
8"x16" FILLED COMPOSITE PRESTRESS LINTEL

LINTEL LENGTH	CLEAR SPAN	LINTEL STEEL (BOTTOM) (2BAR, 10X14)	UNIFORM LOAD (WU/PLF)	UNIFORM LOAD W/10 #5 CONT. @ BOTTOM (WU/PLF)	LIFT LOAD W/10 #5 CONT. @ TOP (WU/PLF)	LIFT LOAD W/10 #5 CONT. @ TOP (WU/PLF)
2.83	1.50	(2) #3 NONE	10000.00	N.R.	10000.00	10000.00
3.50	2.17	(2) #3 NONE	10000.00	N.R.	10000.00	10000.00
4.00	2.67	(2) #3 NONE	9591	N.R.	10000.00	10000.00
4.50	3.17	(2) #3 NONE	7016	N.R.	9635	10000.00
4.67	3.33	(2) #3 NONE	6400	N.R.	8770	10000.00
5.33	4.00	(2) #4 NONE	4560	N.R.	6240	9142
5.83	4.50	(2) #4 NONE	6160	N.R.	4960	7036
6.33	5.00	(2) #4 NONE	5257	N.R.	4088	5716
6.50	5.17	(2) #4 NONE	4784	N.R.	3840	5376
6.67	5.33	(2) #4 NONE	4528	N.R.	3600	5076
7.50	6.17	(2) #5 NONE	3580	N.R.	2720	3960
7.67	6.33	(2) #5 NONE	3360	N.R.	2592	3792
8.00	6.67	(2) #5 NONE	3120	N.R.	2400	3492
8.33	7.00	(2) #5 NONE	2952	N.R.	2120	3240
9.33	8.00	(2) #5 NONE	2424	N.R.	1600	2648
10.50	9.17	(2) #5 NONE	2000	N.R.	1224	2184
11.33	10.00	(2) #5 NONE	1800	N.R.	1016	1936
12.00	10.57	(2) #5 NONE	1600	N.R.	888	1776
12.50	11.17	(2) #5 NONE	1560	N.R.	800	1670
13.33	12.00	(2) #5 NONE	1424	N.R.	688	1516
14.00	12.67	(2) #5 NONE	1328	N.R.	608	1352

1) N.R. - NOT RATED



COMPOSITE LINTEL SECTION

JUL 02 2001

NOTES:

1. MINIMUM COVERAGE OF STEEL - 1.5"
2. MIN. BEARING REQUIRED AT EA. END - 6 1/2" (UNFILLED), AND 8" ALL RECESS LINTEL 4" (FILLED)
3. STANDARD FOR REINF. STEEL - ASTM A615 (GRADE 60)

DE DANSCO

ENGINEERING, P.A.
P.O. BOX 3400 - APOLLO BEACH - FLORIDA - 33572
PHONE - (813) 643 3164 FAX - (813) 643 3498

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PRECAST LINTEL LOAD TABLE

DATE: 5/10/01 SCALE: 1/8" = 1'-0" DWG: RR

OCALA, FL.

MARION MASONRY MATERIALS CONC.

210134

Marion Masonry Materials, Inc.



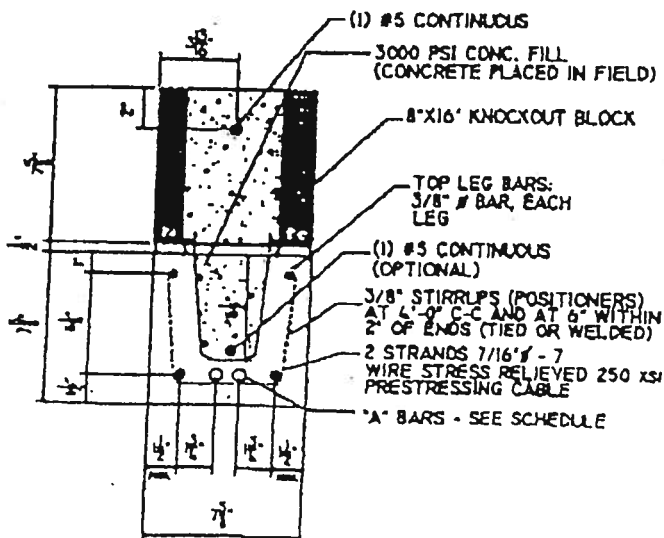
3855 N.E. 35TH STREET
OCALA, FL 34479
PH. (352) 629-9788

TABLE NO. 6
PRESTRESSED LINTELS
REINFORCING SCHEDULE & LOAD CAPACITIES
8"X16" FILLED COMPOSITE PRESTRESSED LINTEL

LINTEL LENGTH	CLEAR SPAN	LINTEL STEEL (BOTTOM) (2) #3	UNIFORM LOAD (WUWPLF)	UNIFORM LOAD W/TO #3 CONT. @ BOTTOM (WUWPLF)	UPLIFT LOAD W/TO #3 CONT. @ TOP (WUWPLF)	UPLIFT LOAD W/TO #3 CONT. @ TOP (WUWPLF)
14.67	13.33	(2) #3	1610	N.R.	501	1298
15.33	14.00	(2) #3	1540	N.R.	476	1176
17.33	16.00	(2) #4	1260	N.R.	452	893
19.33	18.00	(2) #5	1085	N.R.	357	697
20.00	18.67	(2) #5	1050	N.R.	333	648
21.33	20.00	(2) #5	980	N.R.	287	560
22.00	20.67	(2) #5	910	N.R.	270	525
24.00	22.67	(2) #5	840	N.R.	224	434

1) N.R. - NOT RATED

JUL 02 2001



NOTES:

1. MINIMUM COVERAGE OF STEEL - 1.5"
2. MIN. BEARING REQUIRED AT EA. END - 6 1/2" (UNFILLED), 6" (FILLED) AND 8" RECESS LINTEL
3. STANDARD FOR REINF. STEEL - ASTM A615
4. STAND. FOR PRESTRESSING TENDONS - ASTM A416
5. MINIMUM PRESTRESS - 12,000 LBS.
6. CONCRETE STRENGTH AT RELEASE - 3,500 PSI

FILLED LINTEL SECTION

DE DANSKO

ENGINEERING, P.A.
P.O. BOX 3408 - APOLLO BEACH - FLORIDA - 33572
PHONE - (813) 645 8166 FAX - (813) 645 8688
E8 4310

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DESIGNER OF THIS PROJECT. ANY REPRODUCTION OR UNAUTHORIZED USE IS PROHIBITED - 2001

PRESTRESSED LINTEL LOAD TABLE

DATE: 5/10/01 SCALE: 1/8" = 1'-0" DWG: RR

OCALA, FL.

MARION MASONRY MATERIALS CONC.

210134

TRUSS & RAFTER TIEDOWN

www.USPconnectors.com

e-mail: info@USPconnectors.com

4 pages

Truss & Rafter Tiedowns

Embedded Truss Anchors – HTA & TA series continued

HTA10-18	META10	18	1-1/4	18	(14) 10d x 1-1/2	1475	2375	2750	2875	2450	245	325	490	690
HTA20-18	META20	18	1-1/4	20	(12) 10d	1500	2375	2750	2875	2450	245	325	490	690
HTA24-18	META24	18	1-1/4	24	(15) 10d x 1-1/2	1600	2375	2750	2875	2450	245	325	490	690
					(12) 10d	1600	2375	2750	2875	2450	245	325	490	690
					(15) 10d x 1-1/2	1600	2375	2750	2875	2450	245	325	490	690
					(12) 10d	1500	2375	2750	2875	2450	245	325	490	690
HTA12	HETA12	18	1-1/4	12	(8) 10d x 1-1/2	630	1285	1285	1285	1285	420	600	690	1320
HTA18	HETA18	18	1-1/4	18	(8) 10d	775	1310	1310	1310	1310	420	600	690	1320
HTA20	HETA20	18	1-1/4	20	(14) 10d x 1-1/2	1475	2375	2750	2875	2450	245	330	490	690
HTA24	HETA24	18	1-1/4	24	(14) 10d	1810	2375	2750	2875	3125	245	330	490	690
					(18) 10d x 1-1/2	1890	2375	2750	2875	3125	245	330	490	690
					(15) 10d	1890	2375	2750	2875	3125	245	330	490	690
					(18) 10d x 1-1/2	1890	2375	2750	2875	3125	245	330	490	690
					(15) 10d	1890	2375	2750	2875	3125	245	330	490	690
TA12	--	14	1	10-1/2	(7) 10d x 1-1/2	740	1475	1475	1475	1475	245	335	490	670
TA14	--	14	1	12-1/2	(7) 10d	925	1845	1845	1845	1845	245	335	490	670
TA16	--	14	1	14-1/2	(8) 10d x 1-1/2	950	1900	1900	1900	1900	245	335	490	670
TA18	--	14	1	18-1/2	(9) 10d	1185	2375	2375	2375	2375	245	335	490	670
TA20	--	14	1	18-1/2	(11) 10d x 1-1/2	1180	2320	2320	2320	2320	245	335	490	670
TA22	--	14	1	20-1/2	(11) 10d	1450	2375	2750	2875	2805	245	335	490	670
TA24	--	14	1	22-1/2	(13) 10d x 1-1/2	1370	2375	2740	2740	2740	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
					(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670
					(15) 10d x 1-1/2	1520	2375	2750	2875	3040	245	335	490	670
					(12) 10d	1520	2375	2750	2875	3040	245	335	490	670

- 1) Allowable loads have been increased 33-1/3% or 80% for wind or seismic loads; no further increase shall be permitted.
- 2) Anchors are installed on opposite sides of the wood member, centered in masonry bond beam.
- 3) Where 10d nails are used, minimum wood thickness is 1-3/4".
- 4) Grout or concrete compressive strength shall be 2500 psi or greater at 28 days.
- 5) 10d x 1-1/2 nails are 8 gauge (0.148" diameter) by 1-1/2" long.
- 6) Minimum nail penetration shall be 1-3/4" for 10d nails.

LTT/MTT/HTT TENSION TIES

The HTT22 is a single-piece formed tension tie—no rivets, and a 4-ply formed seat which won't unfold during loading. No washers required. The LTT19 Light Tension Tie is designed for 2x joists or purlins and the LTT20B is for nail- or bolt-on applications. The 3" nail spacing makes the LTT20B suitable for wood I-joists if 10dx1½" nails are substituted for the specified 16d's.

The LTT131 is designed for wood chord open web truss attachments to concrete or masonry walls.

MATERIAL: See table

FINISH: Galvanized. May be ordered HDG; check factory.

INSTALLATION: • Use all specified fasteners. See General Notes.

• Use the specified number and type of nails to attach the strap portion to the top or side of purlin or beam (minimum 4x width (2-2x4 or 4x4), except LTT19). Bolt the base to the wall or foundation with a suitable anchor; see table for the required bolt diameter.

• Do not install LTT and MTT tension ties raised.

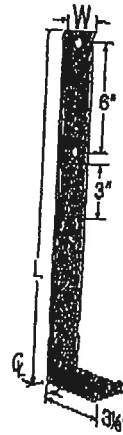
• The HTT22 can be substituted for the MTT28B.

• See Epoxy-Tie Adhesive System, pages 22 for tested, load-rated epoxies for anchor bolt options.

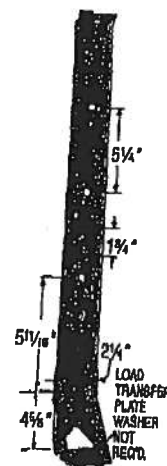
CODES: See page 10 for Code Listing Key Chart.



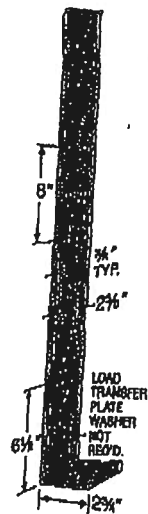
HTT22
(HTT16 similar)
U.S. Patent 6,467,570



LTT20B

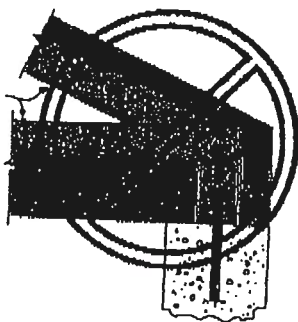


MTT28B
U.S. Patent
4,744,182



LTT131

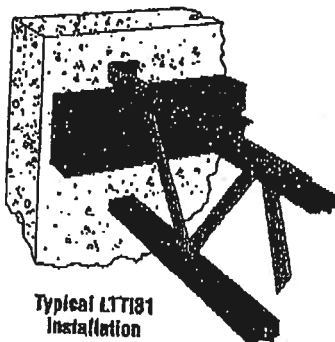
ANCHORS



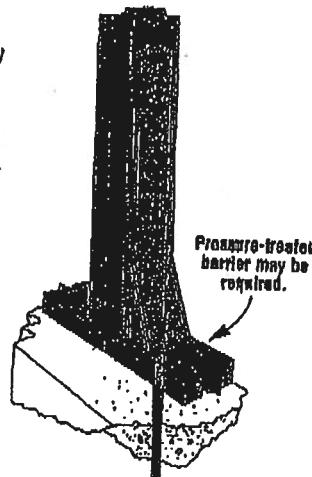
Do not modify the MTT28B.

Do not rotate the MTT28B's strap around the rivet. The strap must be in line vertically with the body of the holdown to achieve table loads.

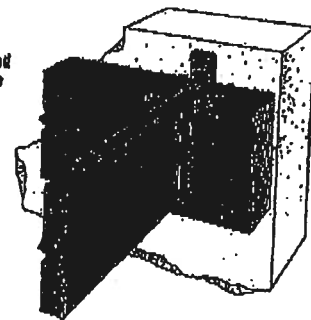
See Girder Tiedown Connectors on page 126 for installation solutions.



Typical LTT131 Installation



Typical HTT22 Installation as a Holdown



Typical LTT19 Installation (LTT20B similar)

Model No.	Material (Ga)		Dimensions			Seat Thickness	Fasteners			Avg. U.T. Tension	Allowable Tension Loads - S.F.F./F.				Deflection at Highest Allowable Tension Load	Bolt Size		
	Strap	Plate	W	L	Ø		Anchor Bolts	Nails	Bolts Qty Dia.		(19k)	(16d)	(10d)	(8d)				
LTT19	16	3	1 1/2	19 1/2	1 1/2	3/16	3/4	8-16d Sinkers	—	4250	1205	—	1350	—	1085	1305	0.107	2, 40, 82
LTT20B	12	3	2	19 1/2	1 1/2	3/16	1/2, 3/4 or 3/8	10-16d	2 X	8733	1750	1220	1750	1460	1675	1750	0.184	2, 40, 82
LTT131	18	3	3 1/2	31	1 1/2	1/4	3/4	18-10dx1 1/2	—	7770	—	—	—	—	1885	2340	0.125	6, 40, 82
HTT16	11	—	2 1/2	18	1 1/2	3/16	3/4	18-16d	—	13150	—	—	—	—	5000	3895	0.037	30, 99
HTT22	11	—	2 1/2	22	1 1/2	3/16	3/4	32-16d Sinkers	—	13160	5250	—	5260	—	4670	5260	0.087	40, 99
MTT28B	12	7	2 1/2	27	1 1/2	3/8	3/4 or 3/8	24-16d	4 X	4455	2150	4455	2725	4140	4455	4455	0.125	40

1. Allowable loads for HTT are based on the lower of the 2001 NDS reference values or the values shown in this table.

- Allowable loads for HTT are based on the lower of the 2001 NDS fastener values or the ultimate load on a steel test lip divided by 2.5.
- 16d sinkers (8 ga x 3 1/4") or 10d commons may be substituted for the specified 16d commons at 0.85 of the table loads.
- The designer must specify anchor bolt type, length and embedment.
- Allowable loads have been increased 33% and 80% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
- Bolt values are based on a minimum lumber thickness of 1 1/2".
- If a 1/2" or 3/4" anchor bolt is used for the LTT20B, add a standard cut washer to the seat. No additional washer is required for a 3/4" anchor bolt. See table for appropriate anchor bolt sizes.
- HTT22 holdown installed raised off the plate has a reduced load of 5160 lbs. HTT16 installed raised off the plate will achieve the table loads.

LUS/MUS/HUS/HHUS/HGUS

DOUBLE SHEAR JOIST HANGERS


SIMPSON
Strong-Tie


This product is preferable to similar connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

MUS completes the Simpson Strong-Tie line of face mount truss connectors. The MUS has increased load capacity and bearing compared to LUS connectors for medium load truss applications.

All hangers in this series have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation, and the use of common nails for all connections. (Do not bend or remove tabs)

MATERIAL: See tables on page 105.

FINISH: Galvanized. Some products available in stainless steel or Z-MAX; see Corrosion-Resistance, page 5.

INSTALLATION: • Use all specified fasteners. See General Notes.

• Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.

• Not designed for welded or nailer applications.

• 18d sinkers (9 gauge x 3/4") may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers (9 gauge x 3/4") may be used at 0.85 of the table load.

• With 3x carrying members, use 16d x 2 1/2" nails into the header and 16d commons into the joist with no load reduction. With 2x carrying members, use 10d x 1 1/2" nails into the header and 10d commons into the joist, and reduce the load to 0.64 of the table value.

OPTIONS: • LUS and MUS hangers cannot be modified.

• HUS hangers available with the header flanges turned in for 2-2x (3/4") and 4x only, with no load reduction. See HUSC Concealed Flange Illustration.

• Concealed flanges are not available for HGUS and HHUS.

• See Hanger Options, page 168, for sloped and/or skewed HHUS models.

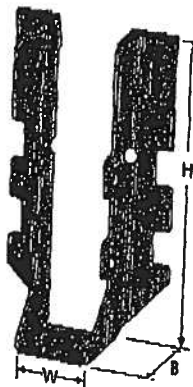
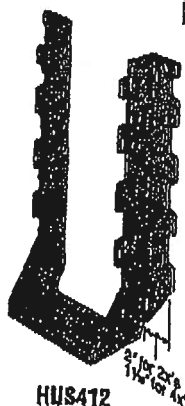
• Other sizes available; consult your Simpson representative.

CODES: See page 10 for Code Listing Key Chart.

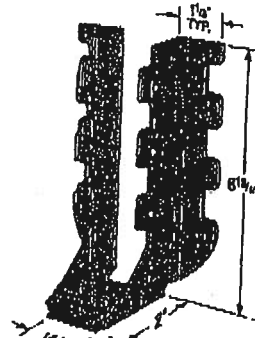
Model No.	Min. Heel Height	Ga.	Dimensions			Fasteners		
			W	H	B	Carrying Member	Carried Member	
SINGLE 2x SIZES								
LUS24	2%	18	1%	3%	1%	4-10d	2-10d	
LUS26	4%	18	1%	4%	1%	4-10d	4-10d	
MUS26	4 1/4"	18	1 1/2"	5 1/2"	2	6-10d	8-10d	
LUS28	4%	18	1 1/2"	5 1/2"	1 1/2"	6-10d	4-10d	
MUS28	6 3/4"	18	1 1/2"	6 1/2"	2	8-10d	8-10d	
LUS210	4%	18	1 1/2"	7 1/2"	1 1/2"	8-10d	4-10d	
MUS210	4%	18	1 1/2"	8 1/2"	3	14-16d	8-16d	
HGUS28	4%	12	1 1/2"	5 1/2"	5	20-16d	8-16d	
HUS28	8%	16	1 1/2"	7	3	22-16d	8-16d	
HGUS28	5%	12	1 1/2"	7 1/2"	5	38-16d	12-16d	
HUS210	6%	16	1 1/2"	9	3	30-16d	10-16d	

Model No.	Min. Heel Height	Fasteners		Species-Pine-Fir Allowable Loads				
		Carrying Member	Carried Member	Uplift (16d)	Floor (16d)	Snow (16d)	Roof (16d)	Wind (16d)
HUS26	3%	14-16d	4-16d	1135	2330	2680	2915	3055
	4%	14-16d	8-16d	1550	2585	2950	3205	3335

LUS28

HUS210
(HUS26,
HUS28,
and HHUS
similar)

HUS412



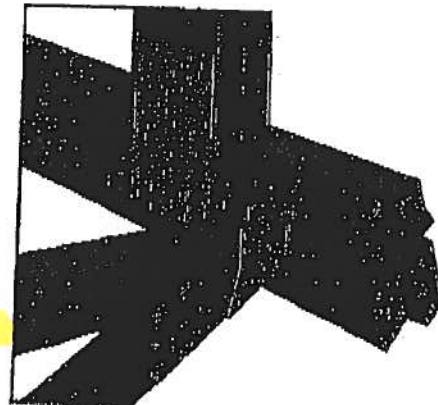
MUS28

HUSC
Concealed
Flanges
(not available
for HHUS,
HGUS and
HUS2x)Double
Shear
Nailing
Side ViewDouble Shear
Nailing Top ViewDome Double Shear
Nailing prevents tabs
breaking off (available
on some models)

U.S. Patent 5,883,550



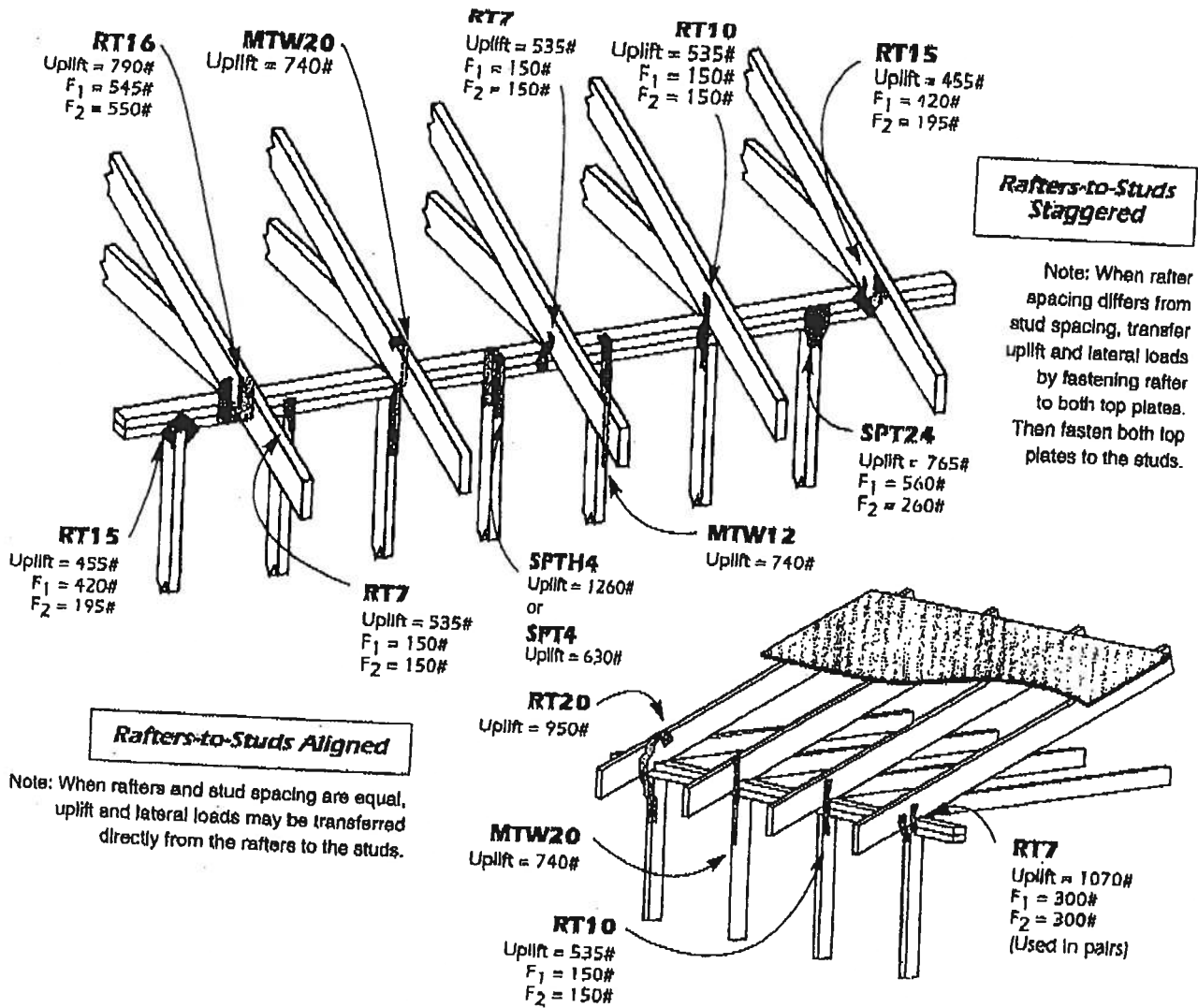
HGUS28-2



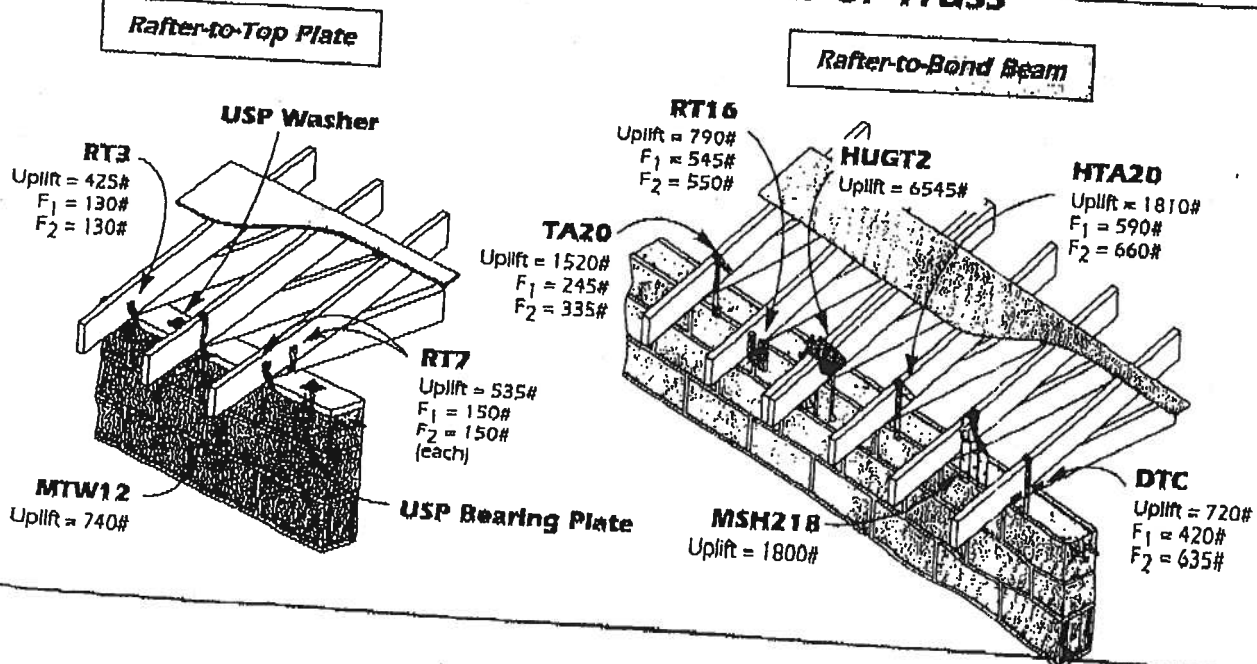
Typical HUS26 with Reduced Heel Height

(Truss Designer to provide fastener quantity for connecting multiple members together)

Rafter and Truss Connections



Masonry Walls to Rafter or Truss

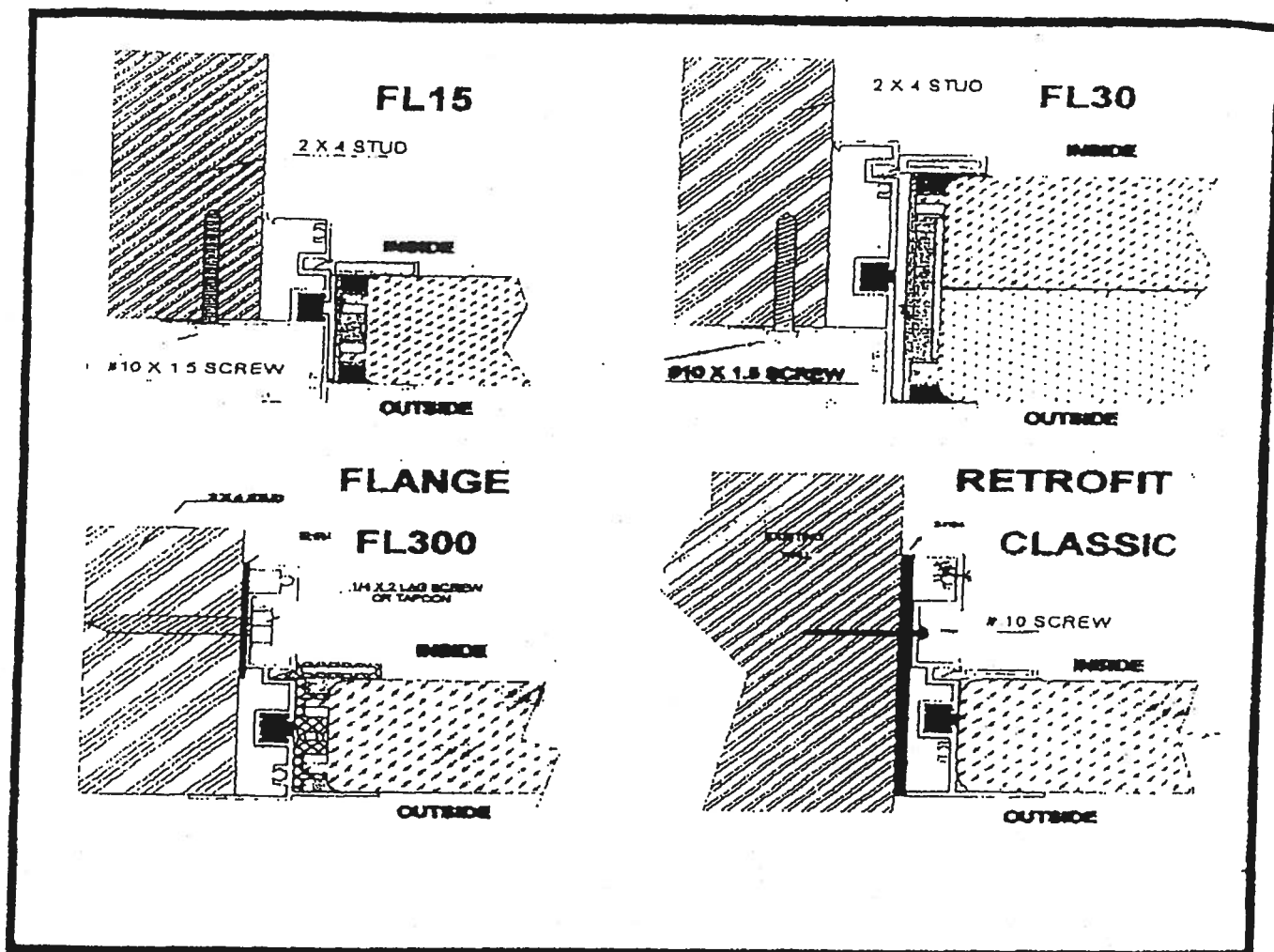


Values for S.D.F. / Mod. C.

GLASS BLOCK INFORMATION

U.S. BLOCK WINDOWS

ALUMINUM INSTALLATION DRAWINGS



- FL15:** Fin window for 1 1/2" block with 1" or 1 3/8" offset;
Frame Depth 2 3/8"
- FL30:** Fin window for 3" block with 1" or 1 3/8" offset;
Frame Depth 3 1/2"
- FL300:** Flange window with thru-jamb mounting for masonry block construction with 1 1/2" blo
Frame Depth 3 1/8"
- Classic:** Aluminum Retrofit window with thru-jamb mounting with 1 1/2" block;
Frame Depth 3 1/8"

3" ALUMINUM

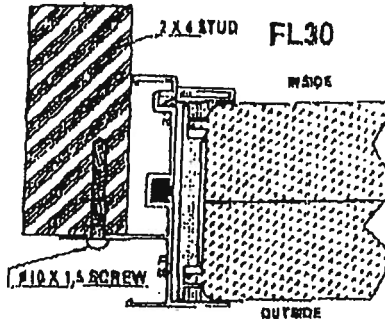
Manufactured by: U.S. Block Windows Inc.

Series: FL30-B

Class: Fixed - Heavy Commercial

Report #: CTIA 480W / 480W-1

Fastener: #10 x 1.5 PH SMS					
Spacing in inches from corner:					
Unit size (inches)	DP (PSF)	Total Fasteners	3" Each Jamb	6" C to C: Head	6" Sill
82x82	55	56	14	14	14
74x74	95	52	13	13	13
66x66	55	48	12	12	12
66x66	100	40	10	10	10
50x50	100	36	9	9	9
42x42	100	28	7	7	7
34x34	100	24	6	6	6
26x26	100	20	5	5	5
18x18	100	16	4	4	4
10x10	100	12	3	3	3



The above matrix is deemed acceptable using a mathematical comparison based on Certified Test Laboratories report numbers CTIA 480W and CTIA 480W-1

INSTALLATION INSTRUCTIONS

- Step 1: Check to make sure that the opening is no more than 1/2" larger than the window horizontally or vertically.
- Step 2: Apply a generous bead of silicone sealant to the back of the nailing fin.
- Step 3: From outside the house, slide the unit into the opening and center it by using shims at the bottom corners.
- Step 4: Check the unit for plumb and level and adjust shims accordingly then apply shims to the top corners so the unit does not move during fastening.
- Step 5: Install a #10 x 1.5" screw in the top and bottom of the jamb approximately 3" from each corner. Repeat this procedure in the head and sill.
- Step 6: For maximum structural performance, install screws every 6" starting from the corners and working toward the center of the jamb, head and sill.

W.S. Wilson P.E.

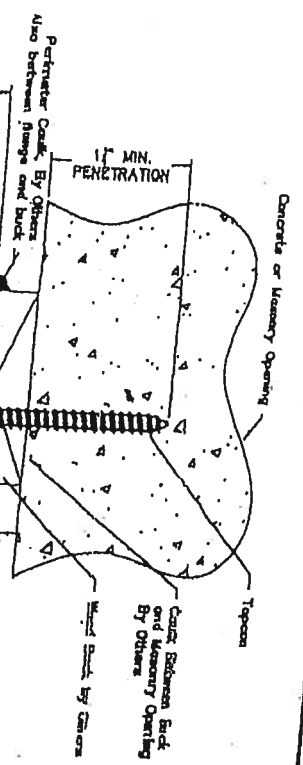
Date: 5-6-04

Florida P.E. Number 0048489

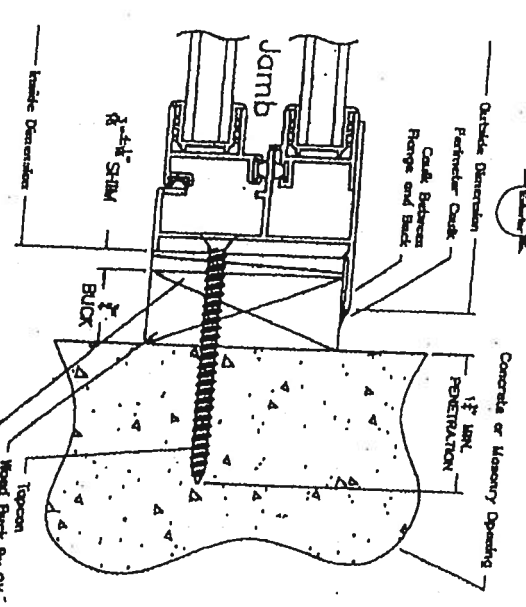
www.usblockwindows.com

WINDOW INFORMATION

2 copies



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



CODE SIZE	WINDOW B SIZE	TOPCON * LOCATION CHART			
		FASTENER LOCATIONS		FASTENER LOCATIONS	
		DP36 TO DP52	DP52.1 TO DP70.8	DP70.9 TO DP88.6	DP88.7 TO DP106.4
12	18 1/8 x 25	A, C	A, C	A, C	A, C
13	18 1/8 x 37 3/8	A, C	A, C	A, C	A, C
14	18 1/8 x 49 5/8	A, C	A, C	A, C	A, C
15	18 1/8 x 62	A, C	A, C	A, C	A, C
16	18 1/8 x 71 1/4	A, C	A, C	A, C	A, C
17	25 1/2 x 25	A, C	A, C	A, C	A, C
18	25 1/2 x 37 3/8	A, C	A, C	A, C	A, C
19	25 1/2 x 49 5/8	A, C	A, C	A, C	A, C
20	25 1/2 x 62	A, C	A, C	A, C	A, C
21	25 1/2 x 71 1/4	A, C	A, C	A, C	A, C
22	36 x 25	A, C	A, C	A, C	A, C
23	36 x 37 3/8	A, C	A, C	A, C	A, C
24	36 x 49 5/8	A, C	A, C	A, C	A, C
25	36 x 62	A, C	A, C	A, C	A, C
26	36 x 71 1/4	A, C	A, C	A, C	A, C
27	52 1/8 x 25	A, C	A, C	A, C	A, C
28	52 1/8 x 37 3/8	A, C	A, C	A, C	A, C
29	52 1/8 x 49 5/8	A, C	A, C	A, C	A, C
30	52 1/8 x 62	A, C	A, C	A, C	A, C
31	52 1/8 x 71 1/4	A, C	A, C	A, C	A, C

CENTRAL FLORIDA B.O.B.
VAROCHORD RAMP
BETTER BUILT HOMES

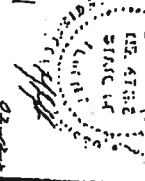
TOPCON * TYPE HANGERS MASONRY SCREWS
INCLUDE TOPCON, RAMP, & SHIM-SOM
Design Pressure values listed above are in PSI

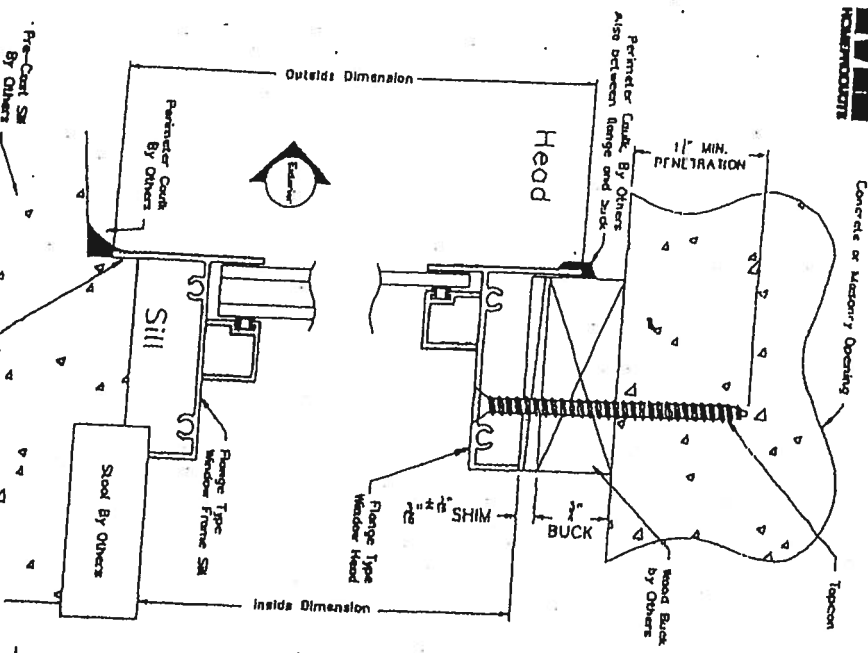
INSTALLATION INSTRUCTIONS
& FASTENER SCHEDULE

740/744 SINGLE HUNG

Model	Material	Size	Qty
740	Topcon	1/2 x 25	1
744	Topcon	1/2 x 37 3/8	1
	Topcon	1/2 x 49 5/8	1
	Topcon	1/2 x 62	1
	Topcon	1/2 x 71 1/4	1
	Topcon	1/2 x 25	1
	Topcon	1/2 x 37 3/8	1
	Topcon	1/2 x 49 5/8	1
	Topcon	1/2 x 62	1
	Topcon	1/2 x 71 1/4	1

EXTERIOR ELEVATION





1. Shim as required with load bearing shims at each installation.
2. Anchor as shown, of a length to have 1 1/4" penetration into masonry or concrete.
3. Caulk between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary per the requirements of ASTM E1300.
7. Fixed units do not have pre-punched mounting holes and must be field drilled as required. See chart at right.
8. Locate anchor quantity chart indicates 1 concrete installation of framing member.
9. Where anchor quantity chart indicates 2 concrete installation of framing member, locate anchor at mid point.
10. Where anchor quantity chart indicates 3 or more concrete installation of framing member, locate anchor within 6" of each corner of framing member & equally space.
11. Max spacing between lapcons is 24" O.C. max.

* LAPCON QUANTITY CHART					
CODE	WINDOW ID	SCREENS IN HEAD/SILL		SCREENS IN JACK JAMB	
		UP TO DP-35	DP-35.1 TO DP-50	UP TO DP-35	DP-35.1 TO DP-50
12	18 1/8 x 25	2	2	2	2
13	18 1/8 x 37 3/8	2	2	2	2
14	18 1/8 x 49 5/8	2	2	2	2
15	18 1/8 x 62 1/4	2	2	2	2
16	18 1/8 x 71 1/4	2	2	2	2
17	25 1/2 x 25	2	2	2	2
18	25 1/2 x 37 3/8	2	2	2	2
19	25 1/2 x 49 5/8	2	2	2	2
20	25 1/2 x 62 1/4	2	2	2	2
21	25 1/2 x 71 1/4	2	2	2	2
22	36 x 25	2	2	2	2
23	36 x 37 3/8	2	2	2	2
24	36 x 49 5/8	2	2	2	2
25	36 x 55 1/4	2	2	2	2
26	36 x 62 1/4	2	2	2	2
27	36 x 71 1/4	2	2	2	2
28	52 1/8 x 25	2	2	2	2
29	52 1/8 x 37 3/8	2	2	2	2
30	52 1/8 x 49 5/8	2	2	2	2
31	52 1/8 x 55 1/4	2	2	2	2
32	52 1/8 x 62 1/4	2	2	2	2
33	52 1/8 x 71 1/4	2	2	2	2

* LAPCON* LOCATION & QUANTITY CHART					
CODE	WINDOW ID	SCREENS IN HEAD/SILL		SCREENS IN JACK JAMB	
		UP TO DP-35	DP-35.1 TO DP-50	UP TO DP-35	DP-35.1 TO DP-50
34	52 1/8 x 25	2	2	2	2
35	52 1/8 x 37 3/8	2	2	2	2
36	52 1/8 x 49 5/8	2	2	2	2
37	52 1/8 x 55 1/4	2	2	2	2
38	52 1/8 x 62 1/4	2	2	2	2
39	52 1/8 x 71 1/4	2	2	2	2
40	52 1/8 x 25	2	2	2	2
41	52 1/8 x 37 3/8	2	2	2	2
42	52 1/8 x 49 5/8	2	2	2	2
43	52 1/8 x 55 1/4	2	2	2	2
44	52 1/8 x 62 1/4	2	2	2	2
45	52 1/8 x 71 1/4	2	2	2	2
46	52 1/8 x 25	2	2	2	2
47	52 1/8 x 37 3/8	2	2	2	2
48	52 1/8 x 49 5/8	2	2	2	2
49	52 1/8 x 55 1/4	2	2	2	2
50	52 1/8 x 62 1/4	2	2	2	2
51	52 1/8 x 71 1/4	2	2	2	2
52	52 1/8 x 25	2	2	2	2
53	52 1/8 x 37 3/8	2	2	2	2
54	52 1/8 x 49 5/8	2	2	2	2
55	52 1/8 x 55 1/4	2	2	2	2
56	52 1/8 x 62 1/4	2	2	2	2
57	52 1/8 x 71 1/4	2	2	2	2
58	52 1/8 x 25	2	2	2	2
59	52 1/8 x 37 3/8	2	2	2	2
60	52 1/8 x 49 5/8	2	2	2	2
61	52 1/8 x 55 1/4	2	2	2	2
62	52 1/8 x 62 1/4	2	2	2	2
63	52 1/8 x 71 1/4	2	2	2	2
64	52 1/8 x 25	2	2	2	2
65	52 1/8 x 37 3/8	2	2	2	2
66	52 1/8 x 49 5/8	2	2	2	2
67	52 1/8 x 55 1/4	2	2	2	2
68	52 1/8 x 62 1/4	2	2	2	2
69	52 1/8 x 71 1/4	2	2	2	2

LAPCON TYPE HARDWARE SCREENS INCLUDE LAPCON, RAIL, & SHIPSON.
 TYPICAL SPECIALTY SHAPES
 COVERED BY RECTANGULAR UNITS

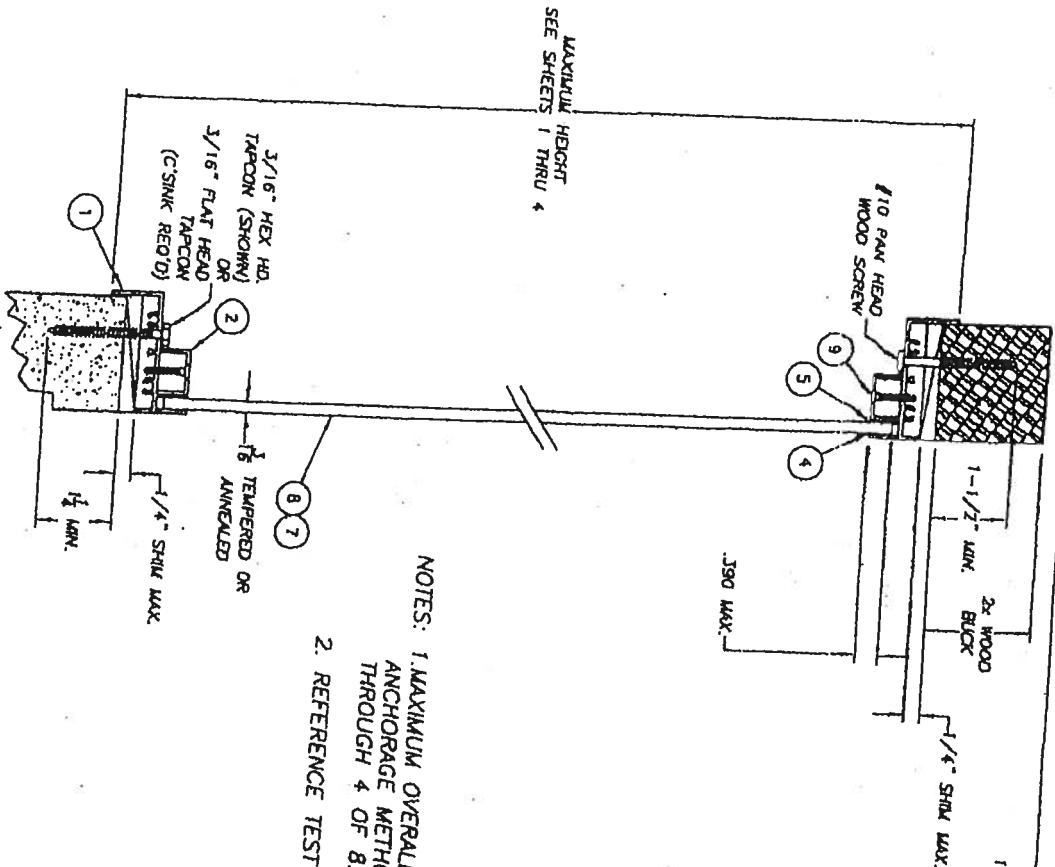
CENTRAL FLORIDA B.O.A.F.
 MANUFACTURER NAME:
 SETTER BILT/ML HONES
 MASTER FILE # 3

INSTALLATION INSTRUCTIONS
 & FASTENER SCHEDULE

165-740-744 Flange Fixed Units



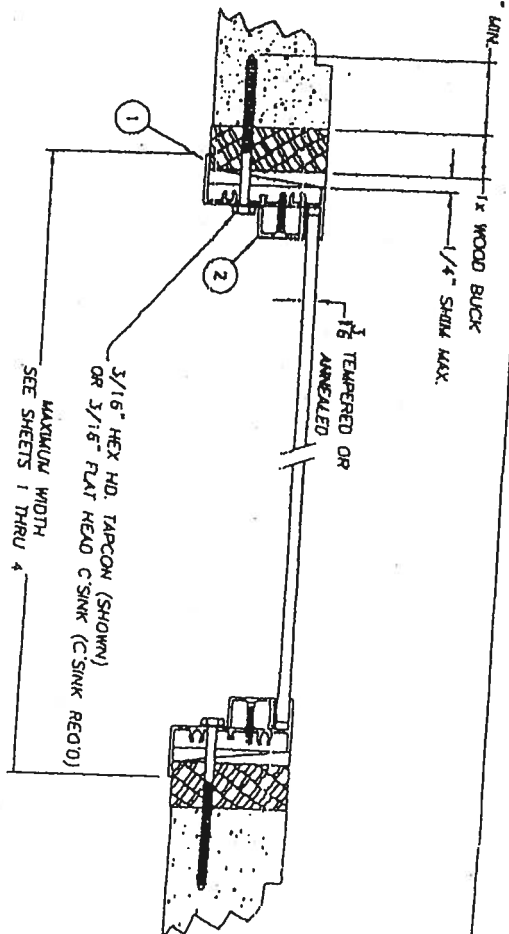
SECTION A-A
TYPICAL SECTION
& INSTALLATION INTO CONCRETE AT SILL & WOOD AT HEAD



NOTES: 1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED ARCH. SHAPES.
ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES SHOWN ON SHEETS 1
THROUGH 4 OF 8.

2. REFERENCE TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-2748, FTL-2756 & FTL-2758

SECTION B-B
TYPICAL SECTION
& ALTERNATE INSTALLATION INTO CONCRETE



[Signature]
Robert L. Carr, PE
PE 889713
Structural

PCT
INDUSTRIES

1000 TECHNOLOGY DRIVE
MADISON, FL 34273

P.O. Box 1528
MADISON, FL 34274

SALES/PHONE: F-6000

SCALE: NTS

5 of 9

DRAWING NO.

550

Rev. B

SECTIONAL & ANCHORAGE VIEWS
ALUMINUM FIXED WINDOW

PRODUCT ISSUED
in compliance with the Florida
Building Code
Amendment No. 83-0391-08
Expiration Date 08/31/08
By *[Signature]*
Product Sales Representative
Division

APPROVED AS COMPLYING WITH THE
FLORIDA BUILDING CODE
DATE SEP 13 2008
BY *[Signature]*
PROJECT IDENTICAL OVERSIGHT
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. A1-0117203

Series H83 'STRUCTURAL' HORIZONTAL MULLION - Florida Flange



NOTES:

If you are stacking a single unit over another single unit, such as a roundhead over a single hung, the Series V83 Mull Kit (which is the vertical mull normally used to twin units) is sufficient and can be used horizontally. Specify length when ordering. Overall length of horizontal mull is to be the same length as the overall flange to flange width of the mullied units below, including the vertical mull. EXAMPLE: For twin "Two Wide", Mull will be $37" + 1/8" + 37" = 74 1/8"$

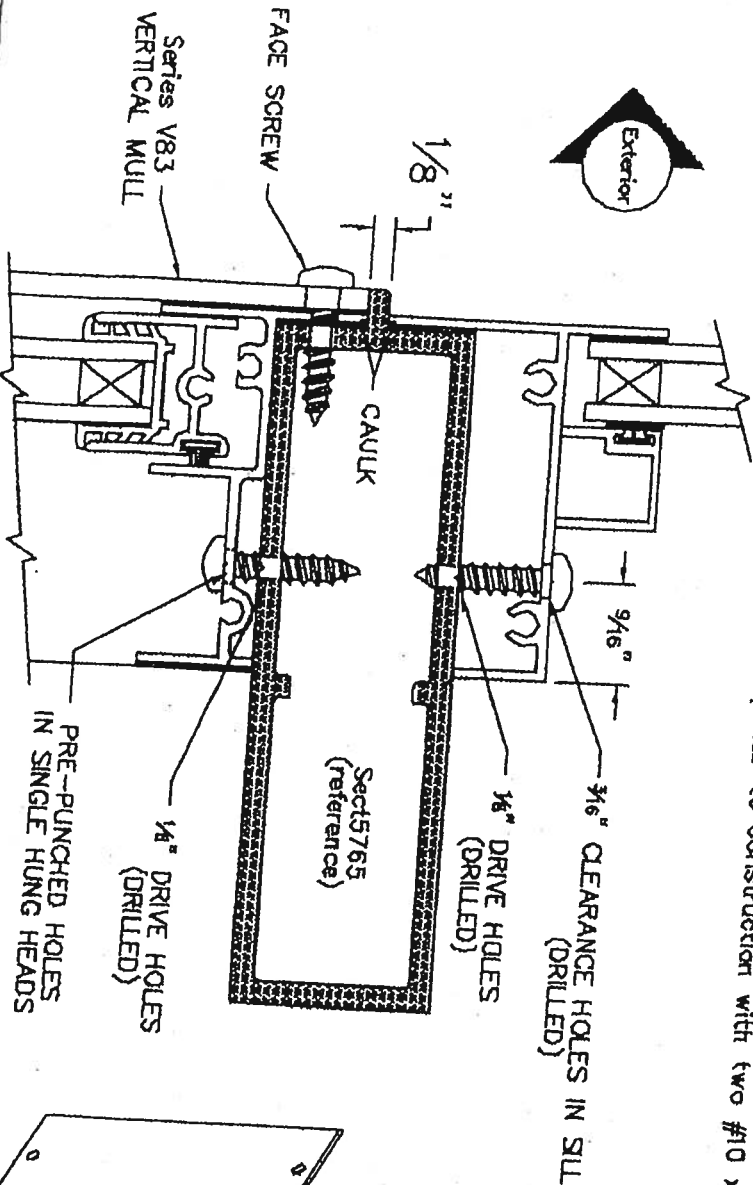
Step 1 On lower units, follow twinning instructions shown on sheet # MULLV83A.

Step 2 Position horizontal mull on top of twinned units as shown below. With $1/8"$ drill, drill up through pre-punched holes in the single hung heads into the mull. Before attaching with #8 x $3/4"$ screws (not included), run a full length bead of caulk in area shown.

Step 3 Position top unit on top of mull and drill $1/8"$ holes, in position shown, on same centers as lower unit. With $3/16"$ drill, re-drill holes in sill only and fasten with screws.

Step 4 For fastening the vertical mull to the horizontal mull, "face screws" can be added to the $1/2"$ tab on the vertical mull. Use $1/8"$ drill bit as described above. For best appearance, countersink the holes and use flathead screws.

Step 5 Before lifting into rough opening, Drill two holes in each clip and insert into each end of mull as shown below with tabs pointing to up and down. Fasten each clip tab to construction with two #10 x $1 1/2"$ screws for structural integrity.



3/16" CLEARANCE HOLES IN SILL (DRILLED)

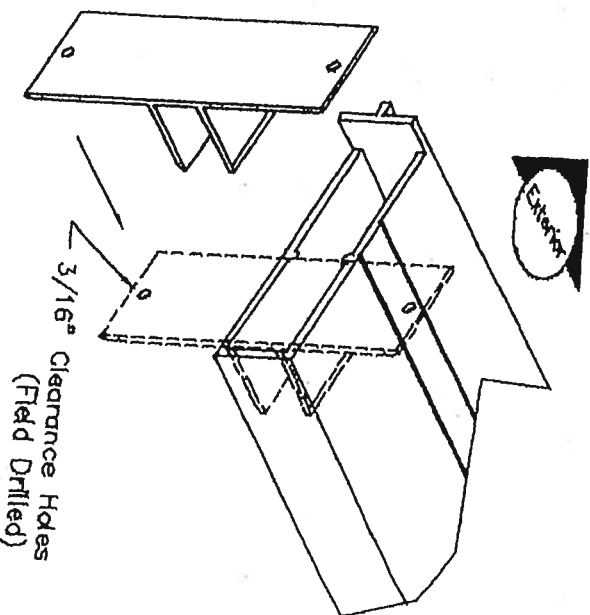
1/4" DRIVE HOLES (DRILLED)

Section 5765 (reference)

1/4" DRIVE HOLES (DRILLED)

PRE-PUNCHED HOLES IN SINGLE HUNG HEADS

740/744/3740



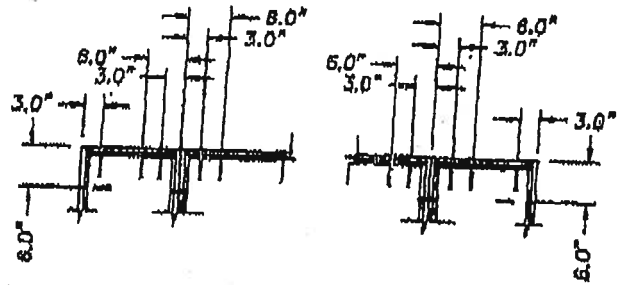
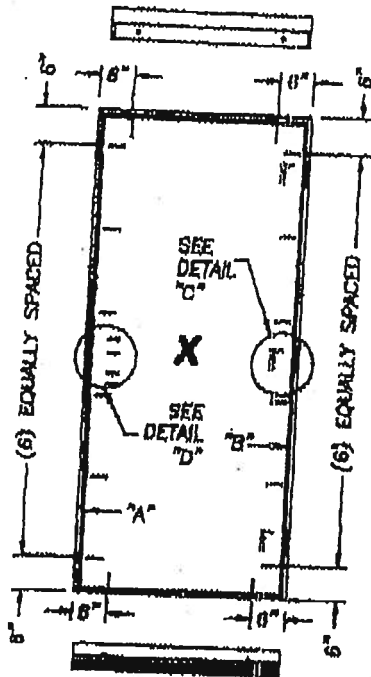
3/16" Clearance Holes (Field Drilled)

NOTE: SEE REVERSE SIDE FOR FASTENING REQUIREMENTS.

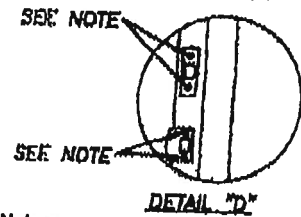
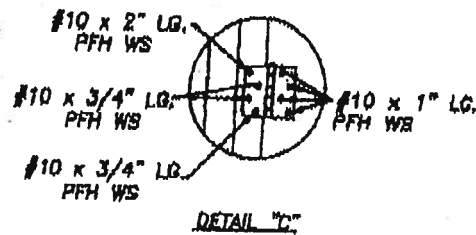
MULLH83A

OUTSWING DOOR INFORMATION

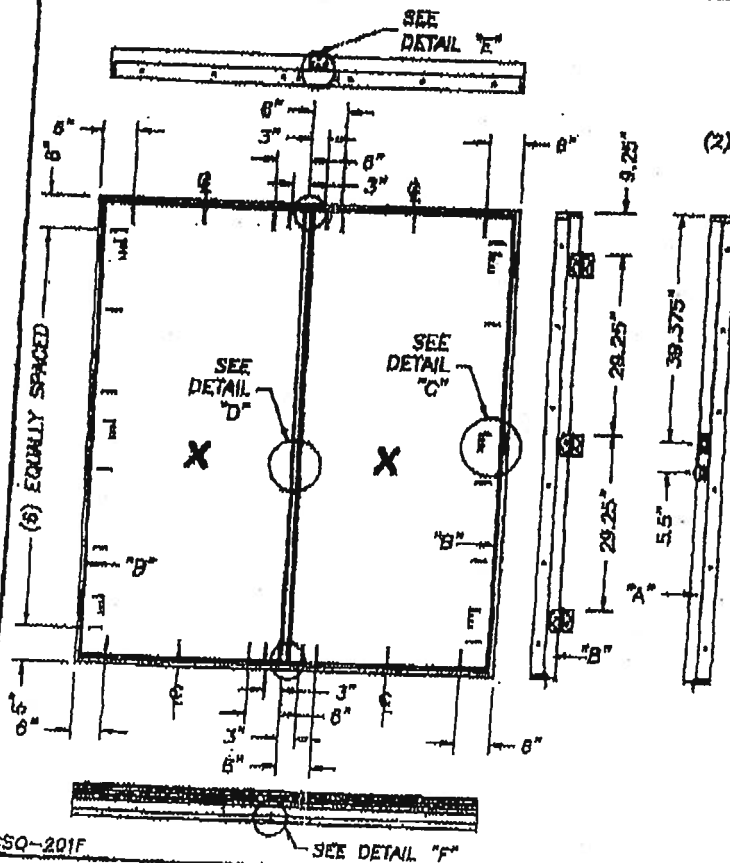
Therma-Tru® Construction Series Wood Edge Out-swing Steel Door Maximum Size Up To 8'4" x 6'8"



When attaching Sidelite the above anchoring applies.

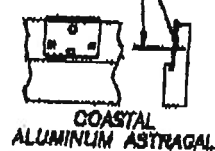


Note:
When attaching the strike & deadbolt plates to the strike & buck use #10 x 2" Lg. PFH WS. When attaching the strike & deadbolt plates to the astragal use #8 x 2 1/2" Lg. PFH WS. When attaching the strike jamb & sidelite jamb use #10 x 1 3/4" Lg. PFH WS.

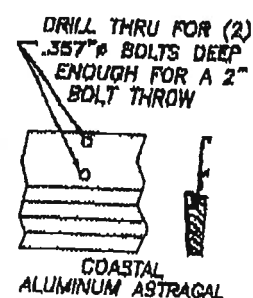
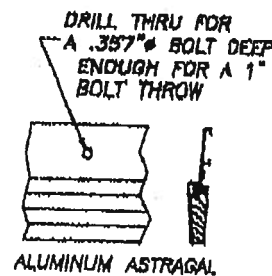


(2) #8 x 2 1/2" LG. PFH WS

(2) #8 x 2 1/2" LG. PFH WS



DETAIL "E"
ATTACH ASTRAGAL THROW BOLT STRIKE PLATE TO FRAME AS SHOWN.



DETAIL "F"
ASTRAGAL THROW BOLTS AT THE THRESHOLD

CSQ-201F

outswing door - 2pages

DOOR INFORMATION

THERMA-TRU®

CONSTRUCTION SERIES- INSURING 6-8 SINGLE AND DOUBLE W/OUT SIDELITES, INSULATED STEEL DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS PRODUCT WAS TESTED FOR 2.86 LBS. WATER PRESSURE AS PER ASTM-E331.
6. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS FOR MIAMI-DADE COUNTY.
7. MIAMI-DADE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR SIDELITES ONLY.
8. SIDELITES ARE AN OPTION AND CAN BE ORDERED IN A SINGLE OR DOUBLE CONFIGURATION.

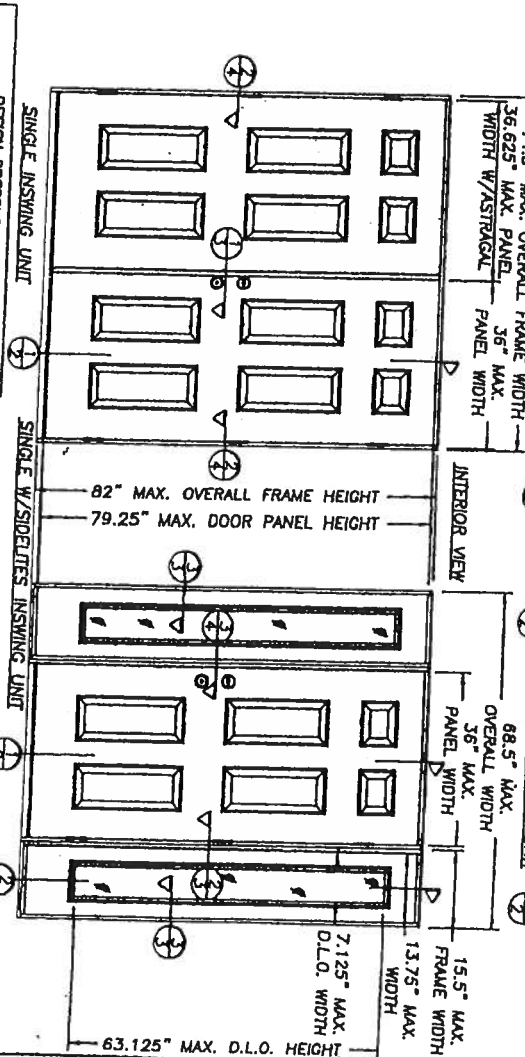
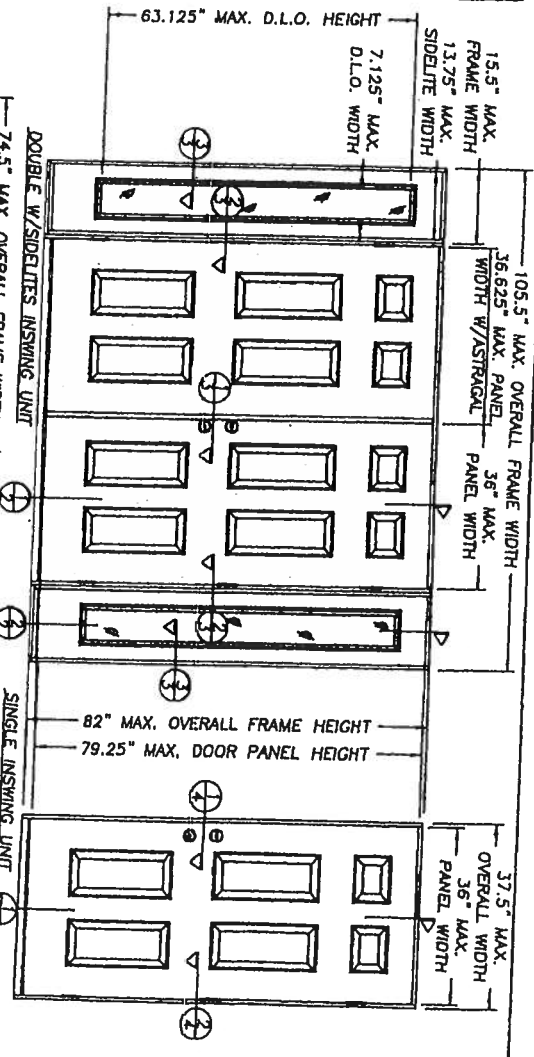
RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

Door & Sidelite Panel Construction:
Galvanized Steel: 25 GA (0.018") minimum thickness.
Per ASTM A-525 commercial quality.
Load design: Polyurethane foam core.
with 1.9 lbs. density by BASF.

Door Panel Construction: Flush or embossed type. The vertical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with wood cement to the wood stiles at the corners.
Sidelite Face Sheet: 24 GA (0.021") minimum thickness, galvanized steel with yield strength $F_y(\text{min.}) = 27,850$ psi per ASTM A-620 with yield strength $F_y(\text{min.}) = 27,850$ psi.
Sidelite Panel Construction and Glazing: The vertical interlock of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed to the wood stiles at the corners. The sidelite panels are sandwichezed using a two piece lite frame.
Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.575" wide x 1.75" thick. The header is joined to the side joints with (3) 1/2" crown x 2" long staples with (2) 1/2" crown x 2.5" long staples at each side. The mullions are secured together in a sidelite application using 1/8 x 2 long PPH Wood Screws (6) screws per each mullion. The unit uses an Insulating Saddle threshold measuring 5.75" x 1.548".

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1	TYPICAL ELEVATIONS & GENERAL NOTES
2	HORIZONTAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS & NOTES
4	ANCHORING LOCATIONS & DETAILS
5	ANCHORING LOCATIONS & GLAZING DETAILS
6	UNIT COMPONENTS
7	BILL OF MATERIALS & UNIT COMPONENTS



DESIGN PRESSURE RATING	
UNIT TYPE	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
SINGLE	+ 67.0 PSF - 67.0 PSF
DOUBLE	+ 80.0 PSF - 80.0 PSF
SINGLE & DOUBLE WITH SIDELITES	+ 80.0 PSF - 80.0 PSF

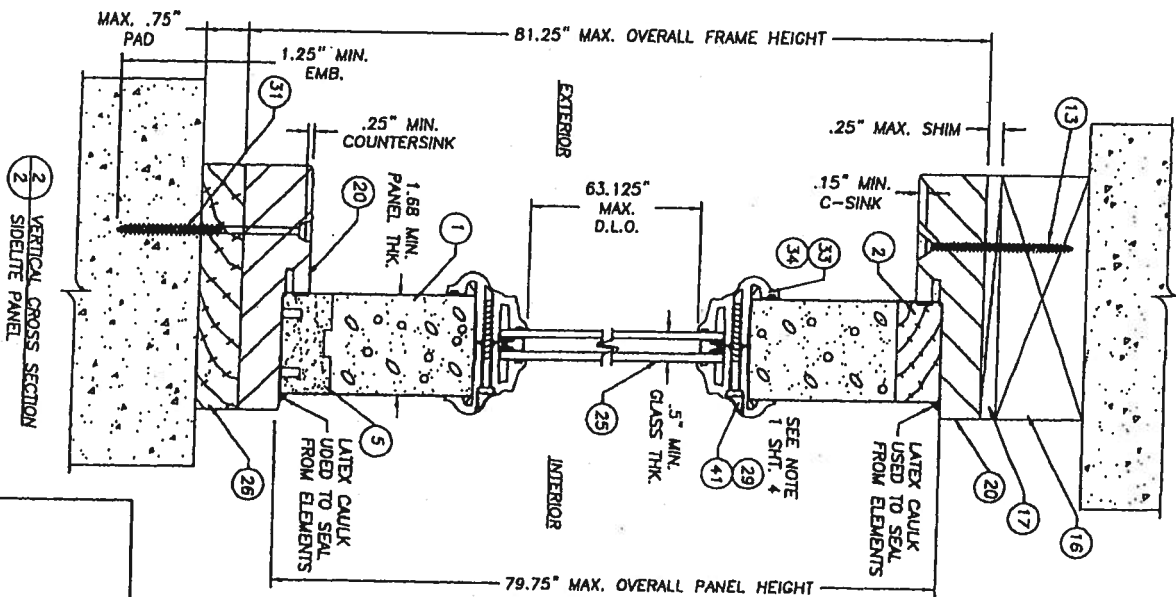
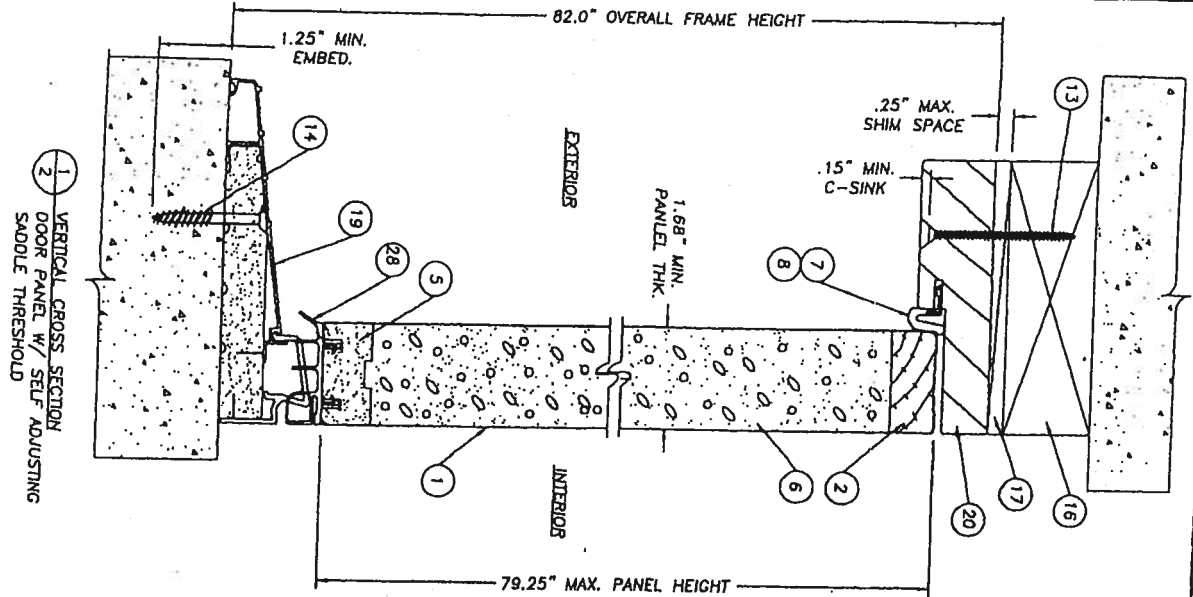
THERMA-TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR			
PART OR ASSEMBLY:			
TYPICAL ELEVATIONS & GENERAL NOTES			

NO.	DATE	REVISIONS	BY
2	6/12/02	COR. GLAZING DETAIL	RW
1	3/28/02	GENERAL REVISION	WLN

APPROVED BY: [Signature]
DATE: 03/28/01
SCALE: N.T.S.
DRAWN BY: T.J.H.
CHECKED BY: R.W.
DRAWING NO.: S-2114

APPROVED BY: [Signature]
DATE: 03/28/01
SCALE: N.T.S.
DRAWN BY: T.J.H.
CHECKED BY: R.W.
DRAWING NO.: S-2114



1
2
VERTICAL CROSS SECTION
DOOR PANEL W/ SELF ADJUSTING
SADDLE THRESHOLD

2
VERTICAL CROSS SECTION
SIDELITE PANEL

Approved as complying with the
Specification for
Steel Sill & Sash
Metal Jamb, Frame & Sill
Division
By *[Signature]*

DATE: 03/28/01

SCALE: N.T.S.

CHK. BY: T.J.H.

CHK. BY: R.W.

DRAWING NO.: S-2114

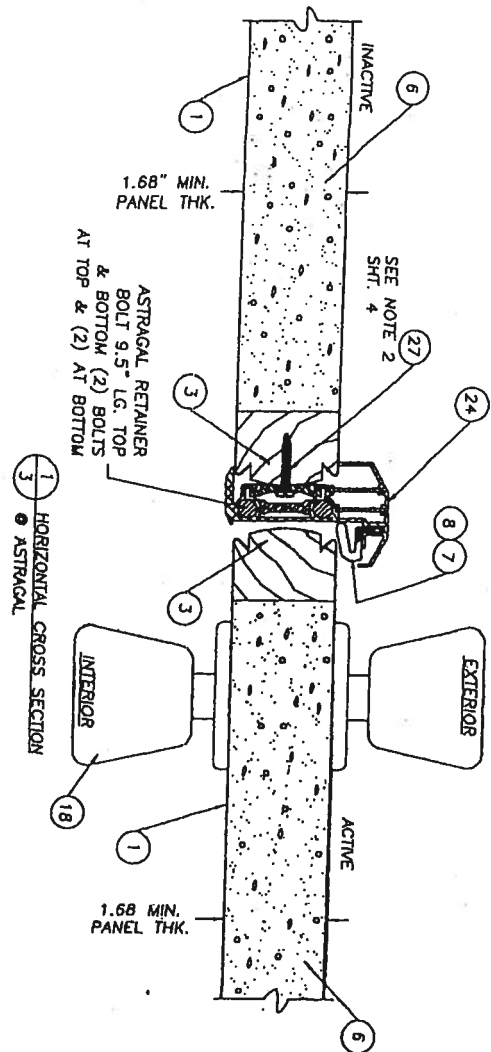
3-002 2 of 8

BRADING
CONSULTANTS, INC.
813.664.5811

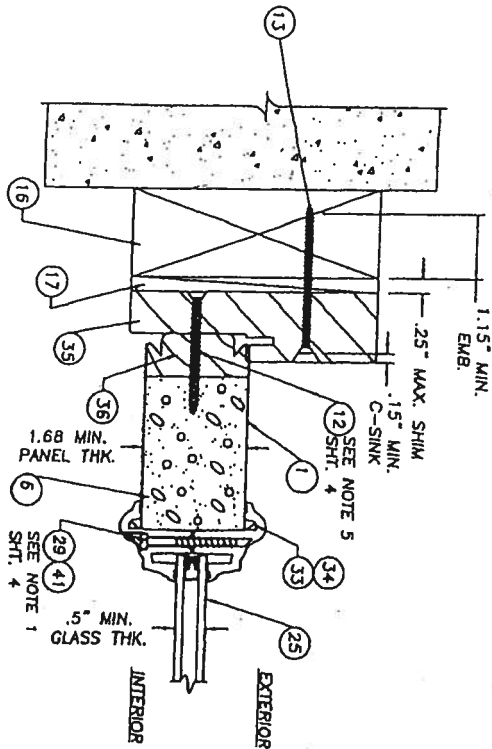
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2	6/12/02	COR. GLAZING DETAIL	RW
1	3/28/02	GENERAL REVISION	WLN

PRODUCT:
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6-8 SINGLE & DOUBLE/
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

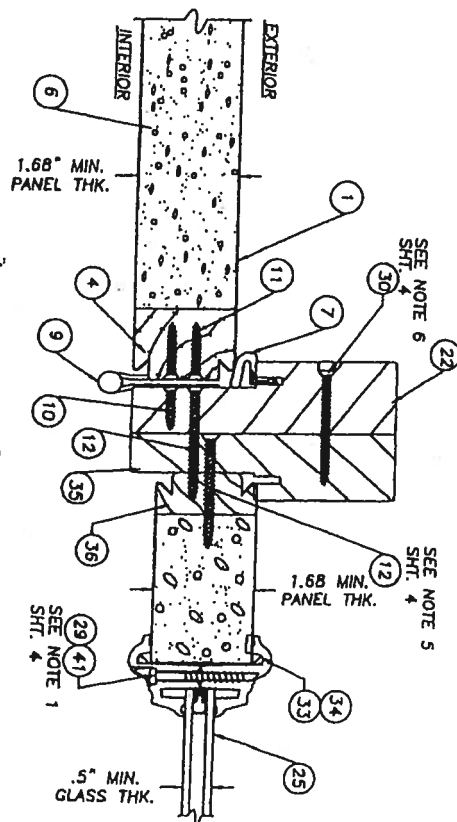
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108 MUTZFELD Rd.
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PH. (219) 868-5811



1
3
● ASTRAGAL
● HORIZONTAL CROSS SECTION



3
● SIDE LITE TO BUICK
● HORIZONTAL CROSS SECTION



2
● HINGE JAMB TO SIDE LITE
● HORIZONTAL CROSS SECTION

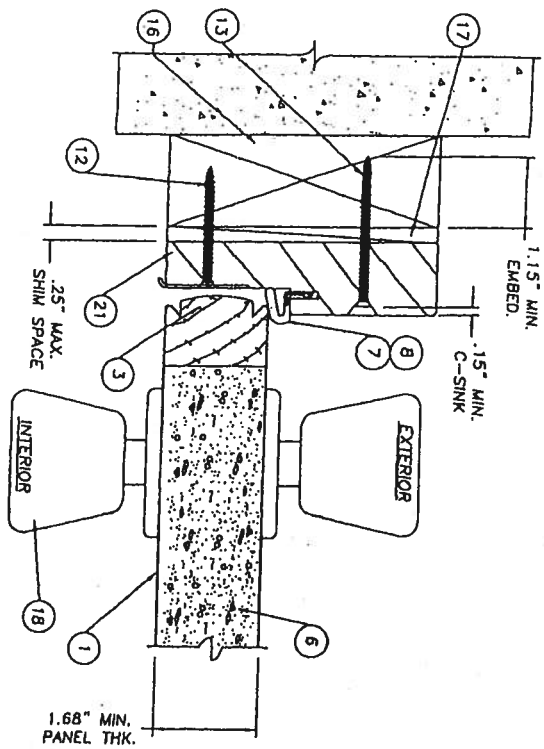
THERMA TRU®
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BUTLER, IN 46721
PH. (219) 868-5811

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"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

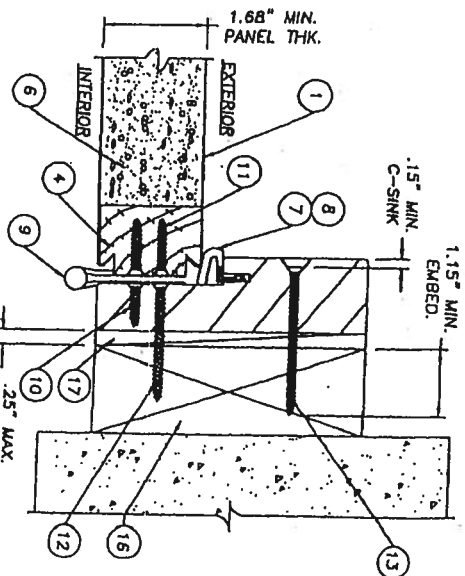
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1	3/28/02	GENERAL REVISION	WLN

DATE 03/28/01
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DWG. NO. TUM
CHK. BY: RW
DRAWING NO. S-2114

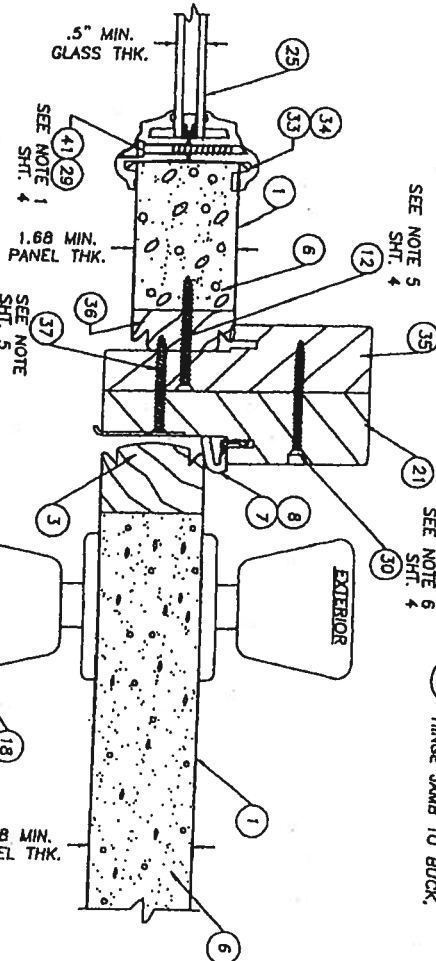
Approved as complying with the
Federal Building Code
Date 7/14/01
NOLA 217-2122-11
Milwaukee Building Code
Division 1
By: [Signature]



1
HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK.



2
HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK.



3
HORIZONTAL CROSS SECTION
STRIKE JAMB TO SIDELITE

- NOTES:
1. SPACING FOR ITEM #29 & #41 (UTE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES: 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
 2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE BOTTOM UP AND TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25", 76.25" AND 78.25".
 3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDES.
 4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDES.
 5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH ITEM #12 #10 x 2" PFH WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
 6. SPACING FOR ITEM #30, A #8 x 2.0" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS, 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 14.0" O.C.

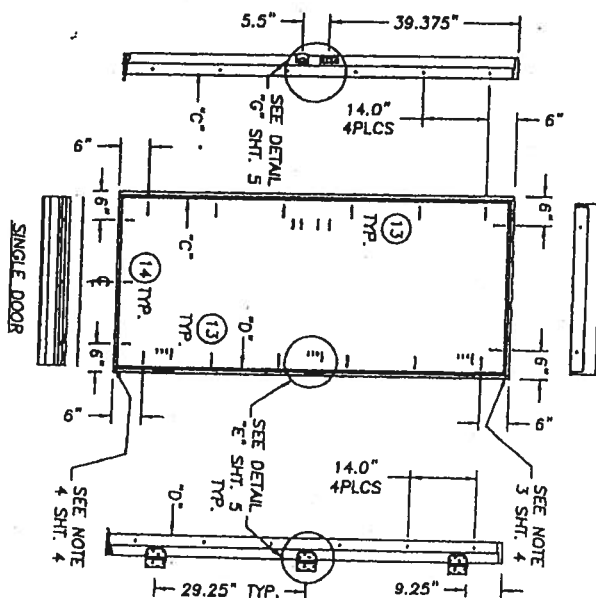
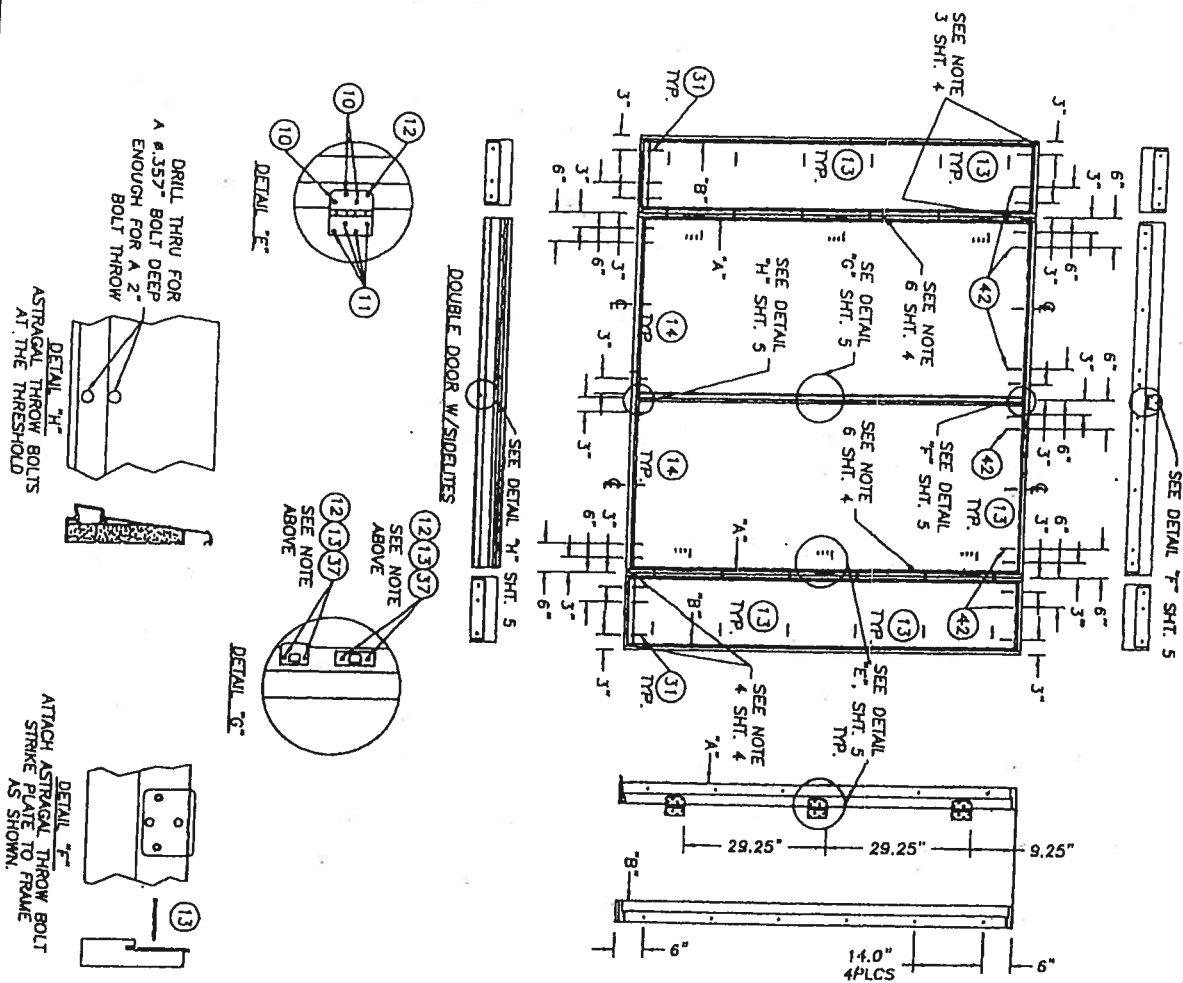
Approved as complying with the
Florida Building Code
Date: 2/17/18 / Iss: 2
RQA: 01-87-24-11
Milani/Thick Insulated Curtain
Unit-Id: 18
By: _____

DATE: 03/28/01
SCALE: N.T.S.
CHK. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114

NO.	DATE	REVISIONS	BY
1	6/12/02	COR. GLAZING DETAIL	RW
2	3/28/02	GENERAL REVISION	WLN
3			
4			

PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS & NOTES

THERMAOTRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811



NOTE:
WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND BUCK USE ITEM #12. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE ASTRAGAL USE ITEM #13. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND SIDELITE JAMB USE ITEM #37.

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PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

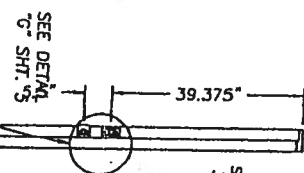
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2	6/12/02	COR. GLAZING DETAIL	RW
1	3/28/02	GENERAL REVISION	WLN

PRM BUILDING
CONSULTANTS, INC.
813.684.1831

DATE 03/28/01
SCALE N.T.S.

APPROVED as representing with the
Professional Engineering Code
BOOK 01-418-117
Division
By *[Signature]*

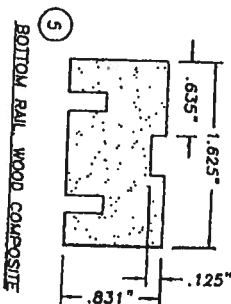
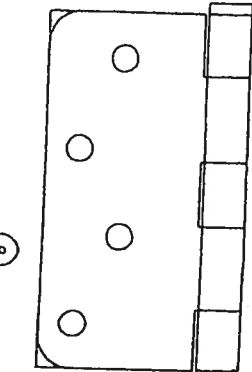
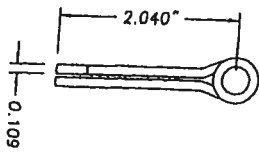
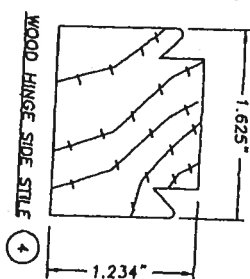
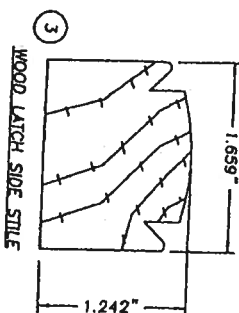
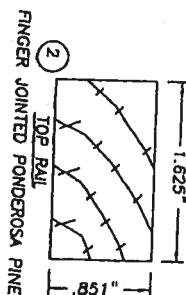
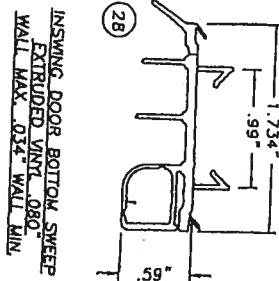
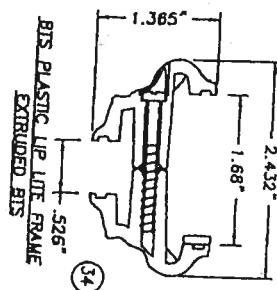
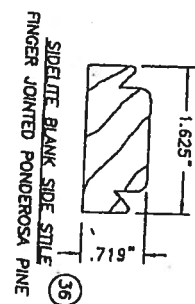
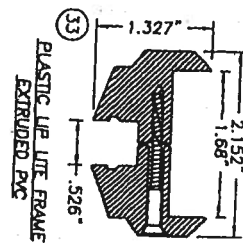
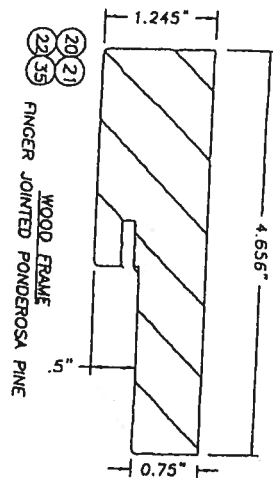
CHK. BY: RW
Drawing No.: 5-2114
SHEET 5 OF 8



3. INSULATED GLASS W/
BIS LITE FRAME GLAZING DETAIL

**KW BUILDING
CONSULTANTS, INC.**
813.684.3831

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108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811



Approved as complying with the
Building Code
Date: 3/28/02
By: [Signature]
Division: [Signature]
S-2114

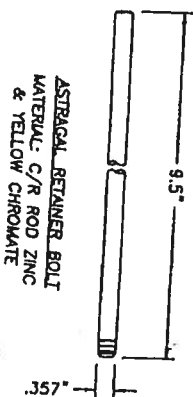
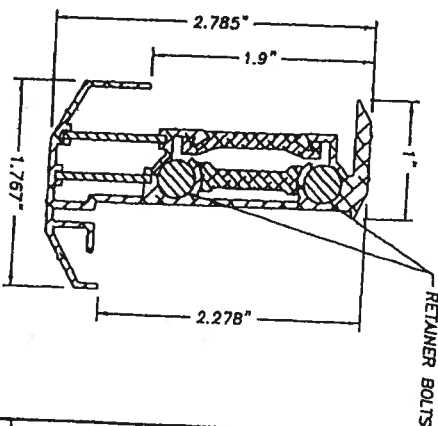
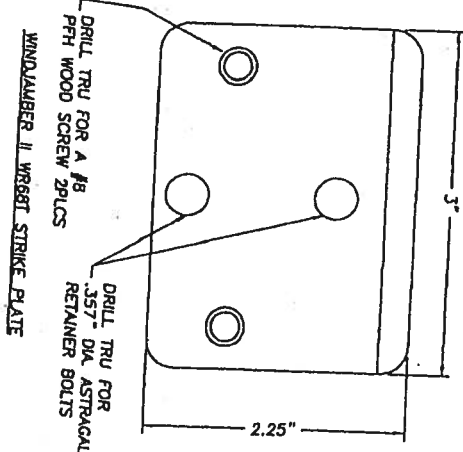
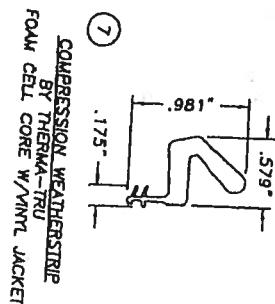
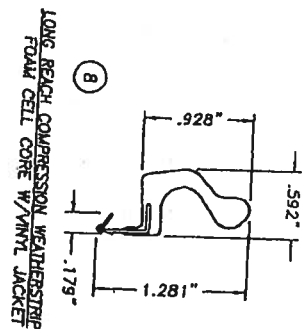
DATE 03/28/01
SCALE N.T.S.
CHK. BY T/H
CHK. BY RW
Drawing No. S-2114
SHEET 2 of 8

NO.	DATE	REVISIONS	BY
2	6/12/02	COR. GLAZING DETAIL	RW
1	3/28/02	GENERAL REVISION	WLN

PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
UNIT COMPONENTS

THERMAOTRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

Item	DESCRIPTION	MATERIAL
1	DOOR SKID CONSTRUCTION SERIES 2504 (0.18 MIN)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	HINGE STILE (THERMA-TRU PONDEROSA PINE 1.638" x 1.248")	WOOD
4	HINGE STILE (THERMA-TRU PONDEROSA PINE 1.638" x 1.248")	WOOD
5	BOTTOM RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
6	POLYURETHANE FOAM (BASF 1.910S DENSITY)	WOOD COMPOSITE
7	SHORT BEACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
8	LONG BEACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
11	4" x 1" LG. PFH WOOD SCREW (Hinge to frame)	STEEL
12	4" x 1" LG. PFH WOOD SCREW	STEEL
13	4" x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" x 2.0" MIN. TAPCON ANCHOR (ELCO)	STEEL
15	NOT USED	STEEL
16	2x WOOD BUCK	WOOD
17	MAX 1/4" SHIM MATERIAL	WOOD
18	WINKSET TITAN 700 SERIES PASSAGE LOCK	WOOD
19	SEL ADJUSTING ROPING SADDLE (HRESKID)	WOOD
20	4.656" HEADER (THERMA-TRU PONDEROSA PINE)	WOOD
21	4.656" HINGE JAMB (THERMA-TRU PONDEROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU PONDEROSA PINE)	WOOD
23	WINKSET TITAN 700 SERIES DEADBOLT	WOOD
24	ASTRAGAL WINDJAMBER II WR56T (.052" WALL)	ALUM./WOOD
25	GLAZING 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSTURE TREATED SIDELITE PAD	WOOD
27	48 x 1 LG. PANHEAD SHEET METAL SCREW	STEEL
28	WINKING DOOR BOTTOM STOP	STEEL
29	16-18 x 1 3/4" PHILIPS FLATHEAD SCREW (FOR ITEM 25)	STEEL
30	16-18 x 1 3/4" PHILIPS FLATHEAD SCREW (FOR ITEM 25)	STEEL
31	3/16" x 3 1/4" MIN. TAPCON ANCHOR (ELCO)	STEEL
32	1/8" THK. CELLULAR GLAZING TAPE (STIK-I TAPE)	PVC
33	PLASTIC UP LITE FRAME (PVC THERMA-TRU)	PVC
34	PLASTIC UP LITE FRAME (PVC THERMA-TRU)	PVC
35	4.656" BLANK JAMB (THERMA-TRU PONDEROSA PINE)	WOOD
36	SCRELE SUE SILE (THERMA-TRU 1.25" x .719" PONDEROSA PINE)	WOOD
37	4" x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	NOT USED	STEEL
39	NOT USED	STEEL
40	SILICONE CAULK	SILICONE
41	48-10 x 1 1/2" PLASCREW (FOR ITEM 43)	STEEL
42	4" x 3" LG. PFH WOOD SCREW	STEEL
43	SCRELEHT: CONSTRUCTION SERIES 24 GA (0.021")	STEEL



WINDJAMBER II WR56T
ASTRAGAL (ALUMINUM .052\" WALL TYPE)

THERMA-TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

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BILL OF MATERIALS &
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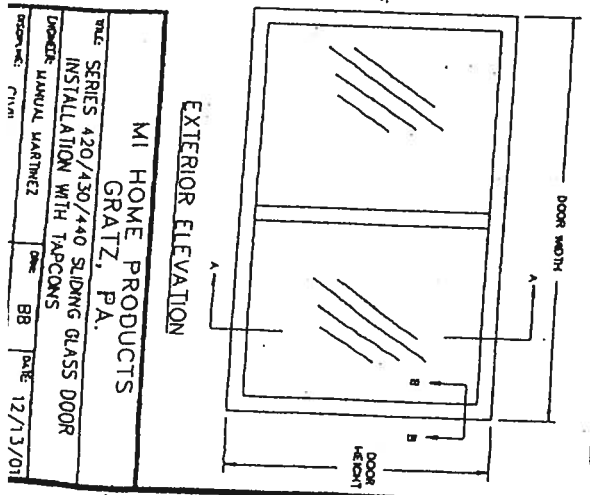
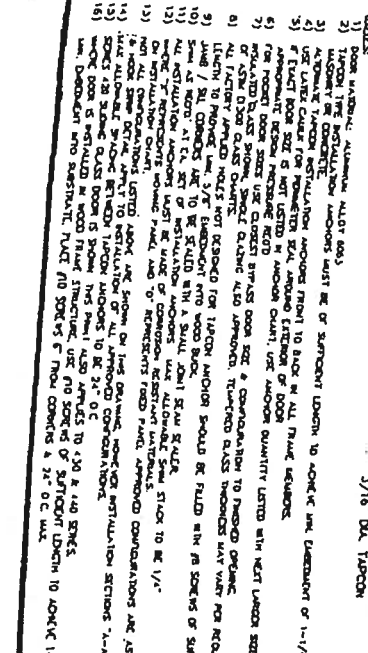
REVISIONS
NO. DATE COR. GLAZING DETAIL GENERAL REVISION BY

2 6/12/02
1 3/28/02

DATE 03/28/01
SCALE N.T.S.
CHK. BY T/H
CHK. BY R/W

Approved as representing with the
Furnish Building Code
Date 3/28/01 18, 2nd I
NOLAN OF 8.3.3.11
Mitsui Data Funding Company
Division
By: [Signature]

5-21114
Sheet 8 of 8



1



Short Form Unit 1 Sun Kool Air Conditioning

Job: Martinez, #2116
Date: 5-26-06
By: Ray Powell

1806 NE 2nd Ave, Ocala, FL 34470 Phone: 352-622-1067 Fax: 352-547-1150 Email: cad@sunkoolac.com Web: www.sunkoolac.com

Project Information

For: Whittaker

Design Information

	Htg	Clg		Infiltration	
Outside db (°F)	34	93	Method		Simplified
Inside db (°F)	70	75	Construction quality		Average
Design TD (°F)	36	18	Fireplaces		0
Daily range	-	M			
Inside humidity (%)	-	50			
Moisture difference (gr/lb)	-	50			

HEATING EQUIPMENT

Make Carrier
Trade 4 Ton
Model Heat Pump

Efficiency 9.2 HSPF
Heating input
Heating output 0 Btuh @ 47°F
Temperature rise 0 °F
Actual air flow 1440 cfm
Air flow factor 0.040 cfm/Btuh
Static pressure 0.53 in H2O
Space thermostat

COOLING EQUIPMENT

Make Carrier
Trade 4 Ton
Cond Heat Pump
Coil

Efficiency 13 SEER
Sensible cooling 40800 Btuh
Latent cooling 7200 Btuh
Total cooling 48000 Btuh
Actual air flow 1440 cfm
Air flow factor 0.038 cfm/Btuh
Static pressure 0.53 in H2O
Load sensible heat ratio 0.87

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Morning Room	133	3276	3829	131	147
Kitchen	225	1453	3731	58	143
Dining Room	175	2595	3753	104	144
Family Room	418	9407	8325	376	319
Living/Den	169	3098	3756	124	144
Bedroom 4	240	3989	2711	160	104
Bath 2	72	94	110	4	4
Bedroom 3	225	3514	3012	141	116
Bedroom 3 WIC	40	52	61	2	2
Bedroom 2 WIC	40	52	61	2	2
Bedroom 2	210	3471	3052	139	117
Bedroom 5	233	4914	5025	197	193
Bath 3	72	94	110	4	4

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



wrightsoft

Right-Suite Residential 5.9.56 RSR43771

Z:\j&d\J & D's\WHITTAKER\Martinez, Marco & Regina #2116.rpt Calc = MJ7 Orientation = N

2006-May-30 11:45:22

Page 1

Unit 1	d	2252	36009	37536	1440	1440
Other equip loads			0	0		
Equip. @ 0.98 RSM				36785		
Latent cooling				5441		
TOTALS		2252	36009	42226	1440	1440

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Duct System Summary

Unit 1

Sun Kool Air Conditioning

Job: Martinez, #2116
Date: 5-26-06
By: Ray Powell

1806 NE 2nd Ave, Ocala, FL 34470 Phone: 352-622-1067 Fax: 352-547-1150 Email: cad@sunkoolac.com Web: www.sunkoolac.com

Project Information

For: Whittaker

External static pressure	Heating	Cooling
Pressure losses	0.53 in H2O	0.53 in H2O
Available static pressure	0.37 in H2O	0.37 in H2O
Supply / return available pressure	0.16 in H2O	0.16 in H2O
Lowest friction rate	0.15 / 0.01 in H2O	0.15 / 0.01 in H2O
Actual air flow	0.900 in/100ft	0.900 in/100ft
Total effective length (TEL)	1440 cfm	1440 cfm
	150 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
Morning Room	c 3829	131	147	0.900	7	0x0	VIFx	140.0	0.0	p
Kitchen	c 3731	58	143	0.900	7	0x0	VIFx	0.0	0.0	p
Dining Room	c 3753	104	144	0.900	7	0x0	VIFx	0.0	0.0	p
Family Room-A	h 4704	188	160	0.900	8	0x0	VIFx	0.0	0.0	st1
Family Room	h 4704	188	160	0.900	8	0x0	VIFx	0.0	0.0	st1
Living/Den	c 3756	124	144	0.900	7	0x0	VIFx	0.0	0.0	st1
Bedroom 4	h 3989	160	104	0.900	7	0x0	VIFx	0.0	0.0	st2
Bath 2	c 110	4	4	0.900	4	0x0	VIFx	0.0	0.0	st2
Bedroom 3	h 3514	141	116	0.900	7	0x0	VIFx	0.0	0.0	st2
Bedroom 3 WIC	c 61	2	2	0.900	4	0x0	VIFx	0.0	0.0	st3
Bedroom 2 WIC	c 61	2	2	0.900	4	0x0	VIFx	0.0	0.0	st3
Bedroom 2	h 3471	139	117	0.900	7	0x0	VIFx	0.0	0.0	st3
Bedroom 5	h 4914	196	193	0.900	8	0x0	VIFx	0.0	0.0	st3
Bath 3	c 110	4	4	0.900	4	0x0	VIFx	0.0	0.0	st3

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1147	1006	0.900	649	18	0 x 0	ViniFlx	p
p	Peak AVF	1440	1440	0.900	660	20	0 x 0	ViniFlx	
st2	Peak AVF	647	543	0.900	605	14	0 x 0	ViniFlx	st1
st3	Peak AVF	343	319	0.900	629	10	0 x 0	ViniFlx	st2

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
ra1	20x30	1097	1121	10.0	0.107	634	18	0x 0		VIFx	p
ra2	14x14	343	319	10.0	0.107	629	10	0x 0		VIFx	p

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
p	Peak AVF	1440	1440	0.107	660	20	0 x 0	VinIFlx	



Short Form Unit 2 Sun Kool Air Conditioning

Job: Martinez, #2116
Date: 5-26-06
By: Ray Powell

1806 NE 2nd Ave, Ocala, FL 34470 Phone: 352-622-1067 Fax: 352-547-1150 Email: cad@sunkoolac.com Web: www.sunkoolac.com

Project Information

For: Whittaker

Design Information

	Htg	Clg		Infiltration	
Outside db (°F)	34	93	Method		Simplified
Inside db (°F)	70	75	Construction quality		Average
Design TD (°F)	36	18	Fireplaces		0
Daily range	-	M			
Inside humidity (%)	-	50			
Moisture difference (gr/lb)	-	50			

HEATING EQUIPMENT

Make	Carrier
Trade	1.5 Ton
Model	Heat Pump
Efficiency	8.5 HSPF
Heating input	
Heating output	0 Btuh @ 47°F
Temperature rise	0 °F
Actual air flow	540 cfm
Air flow factor	0.058 cfm/Btuh
Static pressure	0.53 in H2O
Space thermostat	

COOLING EQUIPMENT

Make	Carrier
Trade	1.5 Ton
Cond	Heat Pump
Coil	
Efficiency	13 SEER
Sensible cooling	15300 Btuh
Latent cooling	2700 Btuh
Total cooling	18000 Btuh
Actual air flow	540 cfm
Air flow factor	0.054 cfm/Btuh
Static pressure	0.53 in H2O
Load sensible heat ratio	0.80

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Laundry Room	48	526	900	30	49
Laundry Toilet	25	264	452	15	24
Master Toilet	20	258	444	15	24
Master Bath	160	2658	2685	153	145
Master WIC	88	115	134	7	7
Master Bedroom	280	5529	5401	319	291
Unit 2	621	9350	10016	540	540
Other equip loads		0	990		
Equip. @ 0.98 RSM			10786		
Latent cooling			2716		
TOTALS	621	9350	13502	540	540

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



Duct System Summary

Unit 2

Sun Kool Air Conditioning

Job: Martinez, #2116
Date: 5-26-06
By: Ray Powell

1806 NE 2nd Ave, Ocala, FL 34470 Phone: 352-622-1067 Fax: 352-547-1150 Email: cad@sunkoolac.com Web: www.sunkoolac.com

Project Information

For: Whittaker

	Heating	Cooling
External static pressure	0.53 in H2O	0.53 in H2O
Pressure losses	0.37 in H2O	0.37 in H2O
Available static pressure	0.16 in H2O	0.16 in H2O
Supply / return available pressure	0.14 / 0.02 in H2O	0.14 / 0.02 in H2O
Lowest friction rate	0.900 in/100ft	0.900 in/100ft
Actual air flow	540 cfm	540 cfm
Total effective length (TEL)	80 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
Laundry Room	c 900	30	49	0.900	4	0x0	VIFx	70.0	0.0	p
Laundry Toilet	c 452	15	24	0.900	4	0x0	VIFx	0.0	0.0	p
Master Toilet	c 444	15	24	0.900	4	0x0	VIFx	0.0	0.0	st1
Master Bath	h 2658	153	145	0.900	7	0x0	VIFx	0.0	0.0	st1
Master WIC	c 134	7	7	0.900	4	0x0	VIFx	0.0	0.0	st1
Master Bedroom	h 2764	160	146	0.900	7	0x0	VIFx	0.0	0.0	st1
Master Bedroom-A	h 2764	160	146	0.900	7	0x0	VIFx	0.0	0.0	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	494	467	0.900	629	12	0 x 0	VinIFlx	p
p	Peak AVF	540	540	0.900	688	12	0 x 0	VinIFlx	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
ra	16x20	540	540	10.0	0.200	688	12	0x 0		VIFx	p

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
p	Peak AVF	540	540	0.200	688	12	0 x 0	VinIFix	





Job 2116
Nhtin+2

24879

New Construction Subterranean Termite Treatment

This report is submitted for information purposes to the builder on (new) construction cases where treatment for prevention of subterranean termite infestation is required by the Florida Building Code, Section 104.2.6.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th Avenue City: Ocala State: FL
Zip: 34470-3642 Company Phone No.: 352-368-3845 Business License No.: JB1537

Section 2: Builder Information

Company Name: HOMES BY WHITAKER, INC.
Phone No.: _____

Section 3: Property Information

Building Permit No.: 000024879
Location of Structure(s) Treated: 206 SW ACIE JAMES RD, HIGH SPRINGS,

Type of Construction: ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): WILL BE BORA CARE @ FRAMING EPA Registration No.: 64405-1

Brand Name of Product(s) Used: Bora-Care

Final Mix Solution: .23 Treatment Area Sq. Ft.: 3296

Linear Ft. _____ Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: _____

Service Agreement Available? ☒ Yes ☐ No
Liquid treatment: ☐ Yes ☒ No
Liquid Final exterior treatment: ☐ Yes ☒ No
Borate treatment: ☐ Yes ☒ No
Bait in lieu of Pretreat: ☐ Yes ☒ No

This building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with the rules and laws established by the Florida Department of Agricultural and Consumer Services. Initial _____

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s): _____ Certification No.: _____

Authorized Signature M. Walton Date 11/08/06

Job 2116



HOMETEAM PEST DEFENSE®

New Construction Subterranean Termite Treatment

This report is submitted for information purposes to the builder on (new) construction cases where treatment for prevention of subterranean termite infestation is required by the Florida Building Code, Section 104.2.6.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th Avenue City: Ocala State: FL
Zip: 34470-3642 Company Phone No.: 352-368-3845 Business License No.: JB1537

Section 2: Builder Information

Company Name: HOMES BY WHITAKER, INC.
Phone No.: _____

Section 3: Property Information

Building Permit No.: 000024879
Location of Structure(s) Treated: 206 SW ACIE JAMES RD, HIGH SPRINGS,
Type of Construction: ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): WILL BE BORA CARE @ FRAMING EPA Registration No.: 64405-1
Brand Name of Product(s) Used: Bora-Care
Final Mix Solution: .23 Treatment Area Sq. Ft.: 3296
Linear Ft. _____ Linear Ft. of Masonry Voids: _____
Total Gallons of Termiticide Applied: _____

Service Agreement Available? ☒ Yes ☐ No
Liquid treatment: ☐ Yes ☒ No
Liquid Final exterior treatment: ☐ Yes ☒ No
Borate treatment: ☐ Yes ☒ No
Bait in lieu of Pretreat: ☐ Yes ☒ No

This building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with the rules and laws established by the Florida Department of Agricultural and Consumer Services. Initial _____

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____
Comments _____

Name of Applicator(s): _____ Certification No.: _____

Authorized Signature m. Walton Date 11/08/06

Job 2116

HOMETEAM

PEST DEFENSE®

THIS CONTRACT PROVIDES FOR RETREATMENT OF A STRUCTURE AND THE REPAIR OF DAMAGES CAUSED BY WOOD DESTROYING ORGANISMS WITHIN THE LIMITS STATED IN THIS CONTRACT.

SUBTERRANEAN TERMITE REPAIR AGREEMENT

Section I. GENERAL INFORMATION.

Name: Current Homeowner Billing Address: _____
Service Address: 206 SW Acie Road City: _____
City: High Springs State: _____ Zip: _____
State: Fla Zip: _____ Home Phone: _____
Work Phone: _____

Linear Footage of Structure(s): _____

Section II. INSPECTION FINDINGS. The condition of the readily accessible areas of the structure(s) located at the Service Address on the date of the inspection only is listed below:

- a. ☐ No Visible evidence of previous or current subterranean termite infestation was observed.
- b. ☒ Visible evidence of a subterranean termite infestation was observed as follows:
- ☐ Live subterranean termites (description and location indicated on the attached graph)
 - ☐ Termite parts, exit holes or shelter tubes (description and location indicated on the attached graph)
 - ☐ Damage from subterranean termites was noted in the following area(s): _____

Any damage noted above should be considered only as evidence of current or previous infestation of subterranean termites. *If any of the boxes in subsection b above is checked, some degree of damage, including hidden damage, may be present.* The inspector's training and experience do not qualify the inspector in damage evaluation or any other building construction technology and/or repair.

Any visible evidence observed above appears: ☐ Active; ☐ Inactive; ☐ Activity cannot be determined without further investigation. Reason: _____ *In many cases, based upon visible signs of infestation by subterranean termites, it is not possible to ascertain whether an infestation is active or inactive without benefit of subsequent inspections and evaluations over a period of time.*

☐ It appears that the structure(s) or a portion of the structure(s) may have been previously treated. Evidence of previous treatment: _____

Section III. OBSTRUCTIONS AND INACCESSIBLE AREAS. The following areas of the structure(s) inspected were obstructed or inaccessible (See Section VII.1 under General Terms and Conditions.): ☐ Basement ☐ Exterior ☐ Crawl Space ☐ Porch ☐ Main Level ☐ Addition ☐ Attic ☐ Garage ☐ Other

Comments: _____

Section IV. ADDITIONAL COMMENTS. _____

Section V.

- TYPE OF TREATMENT:**
- ☐ Post Construction Corrective Treatment
 - ☐ Post Construction Preventive Treatment
 - ☐ Tubes under the Slab® Treatment
 - ☐ Pre-Construction Treatment
 - ☐ Other: _____

See reverse side for a description of the Company's obligation to retreat and to repair damage caused by subterranean termites.

Repair Deductible: \$500 per damage repair claim

Location of Treatment Sticker: Permit Box

Treatment is provided against the attack of subterranean termites (*Reticulitermes* spp., *Heterotermes* spp. and *Coptotermes* spp. (Formosan)), but does not protect against any organism other than subterranean termites. During the term of this Agreement, HomeTeam Pest Defense, LLC (the "Company") will reinspect the treated structure(s) annually or at more frequent intervals as the Company deems necessary upon Customer's request, subject to the General Terms and Conditions on the reverse side. Customer agrees to make the treated structure(s) available for reinspection. The Company will retreat the treated structure(s) only upon (a) visual evidence of a live termite infestation or (b) disturbance of the soil surrounding the treated structure(s). The Company has not inspected or treated the structure(s) for health-related molds or fungi. By law, the Company is not qualified, authorized or licensed to inspect for health-related molds or fungi.

Actual Treatment Date: 11-8-06 **PAYMENT METHOD:** (check one) Cash _____ Check _____ Credit Card _____
Initial Treatment: \$ 1500.00 Credit Card: ☐ Mastercard ☐ Visa ☐ Other (specify) _____
Down Payment: \$ _____ Credit Card Number: _____
Balance Due: \$ _____ Expiration Date: _____ Check Number: _____
Annual Renewal: \$ 225.00 Payment Term(s): _____

This Agreement contains certain limitations, conditions and exclusions on the Company's obligations.

Please read the entire Agreement before signing.

In consideration for the Company performing the services specified above and subject to the General Terms and Conditions on the reverse side of this Agreement, Customer agrees to make the payments indicated above. Customer acknowledges receipt of a signed copy of this Agreement. This Agreement is not binding on the Company until signed by an authorized manager or executive officer of the Company.

CUSTOMER:
Signature: _____

HOMETEAM PEST DEFENSE, LLC
Signature: Melodie Walton

Printed Name: _____

Printed Name: Melodie Walton

Effective Date: _____

RIGHT TO CANCEL: YOU, THE CUSTOMER, MAY CANCEL THIS TRANSACTION AT ANY TIME PRIOR TO MIDNIGHT OF THE THIRD BUSINESS DAY AFTER THE DATE OF THIS TRANSACTION. SEE THE ATTACHED NOTICE OF CANCELLATION FOR AN



#28879
MMT 10/1/02

Certificate of New Construction Subterranean Termite Treatment

This report is submitted for information purposes to the builder on (new) construction cases where treatment for prevention of subterranean termite infestation is required by the Florida Building Code, Section 104.2.6

All contracts for service are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th Ave City: OCALA State: FL
Zip: 34470 Company Phone No.: 368-3845 Business License No. JB1537

Section 2: Builder Information

Company Name: WHITMAN
Phone No.: _____

Section 3: Property Information

Building Permit No.: _____
Location of Structure(s) Treated: 2012 SW ACIE JAMES RA

Type of Construction: ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): 4/11/07 EPA Registration No: 64405-1

Brand Name of Product(s) Used: BURKARE

Final Mix Solution: 23 Treatment Area Sq. Ft.: 3796

Linear Ft: 345 Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: 4 GALS

Service Agreement Available	☒ Yes ☐ No
Liquid treatment:	☐ Yes ☒ No
Liquid Final exterior treatment	☐ Yes ☒ No
Borate treatment:	☒ Yes ☐ No
Bait in lieu of Pretreat:	☐ Yes ☒ No

This building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.
Initial SKA

Note: State law requires service agreement to be issued. This form does not preempt State law.

Attachments (list): GRAPH

Comments: _____

Name of Applicator(s): Don Hyatt Certificate No.: JE123385

Authorized Signature: Don Hyatt Date: 4/11/07



MANITWIEZ
24879

Certificate of New Construction Subterranean Termite Treatment

This report is submitted for information purposes to the builder on (new) construction cases where treatment for prevention of subterranean termite infestation is required by the Florida Building Code, Section 104.2.6

All contracts for service are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: Hometeam Pest Defense

Company Address: 1621 NE 6th Ave City: Orlando State: FL
Zip: 32801 Company Phone No.: 368-3895 Business License No. 381537

Section 2: Builder Information

Company Name: WHITAKER
Phone No.: _____

Section 3: Property Information

Building Permit No.: _____
Location of Structure(s) Treated: 2016 SW ACIE JAMES RA

Type of Construction: [☒] Slab [☐] Basement [☐] Crawl [☐] Other _____
Approximate Depth of Footing: Outside: _____ Inside: _____ Type Fill: _____

Section 4: Treatment Information

Date(s) of Treatment(s): 4/11/07 EPA Registration No: 64405-1

Brand Name of Product(s) Used: BURICARE

Final Mix Solution: 23 Treatment Area Sq. Ft.: 3796

Linear Ft: 345 Linear Ft. of Masonry Voids: _____

Total Gallons of Termiticide Applied: 4 GALLONS

Service Agreement Available	[☒] Yes [☐] No
Liquid treatment:	[☐] Yes [☒] No
Liquid <u>Final</u> exterior treatment	[☐] Yes [☒] No
Borate treatment:	[☒] Yes [☐] No
Bait in lieu of Pretreat:	[☐] Yes [☒] No

This building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services. Initial RA

Note: State law requires service agreement to be issued. This form does not preempt State law.

Attachments (list): GRAPH

Comments: _____

Name of Applicator(s): Don Hyatt Certificate No.: JE123385

Authorized Signature: Don Hyatt Date: 4/11/07



24879

PERMIT # _____

ACCOUNT # _____

JOB # _____

BLDR # _____

1621 N.E. 6th Avenue • Ocala, Florida 34470 • 352.368.3845

CALLED IN BY: _____ FOR: WHITAKER

OWNER: MARTINEZ DATE OF TREATMENT: 4/11/07 TIME: _____

ADDRESS: 206 W. ACIE JAMES RD CITY: HIGHLAND SPRINGS ZIP: _____

SLAB TYPE: ☒ MONO ☐ STEMWALL ☐ STEMWALL WITH CHAIRBLOCK ☐ OTHER: _____

LOT: _____ BLK: _____ SUBDIVISION: N/A COUNTY: ALACHUA

TOTAL VOLUME APPLIED: 4 GALS LINEAR FT: 345 SQUARE FT: 3796

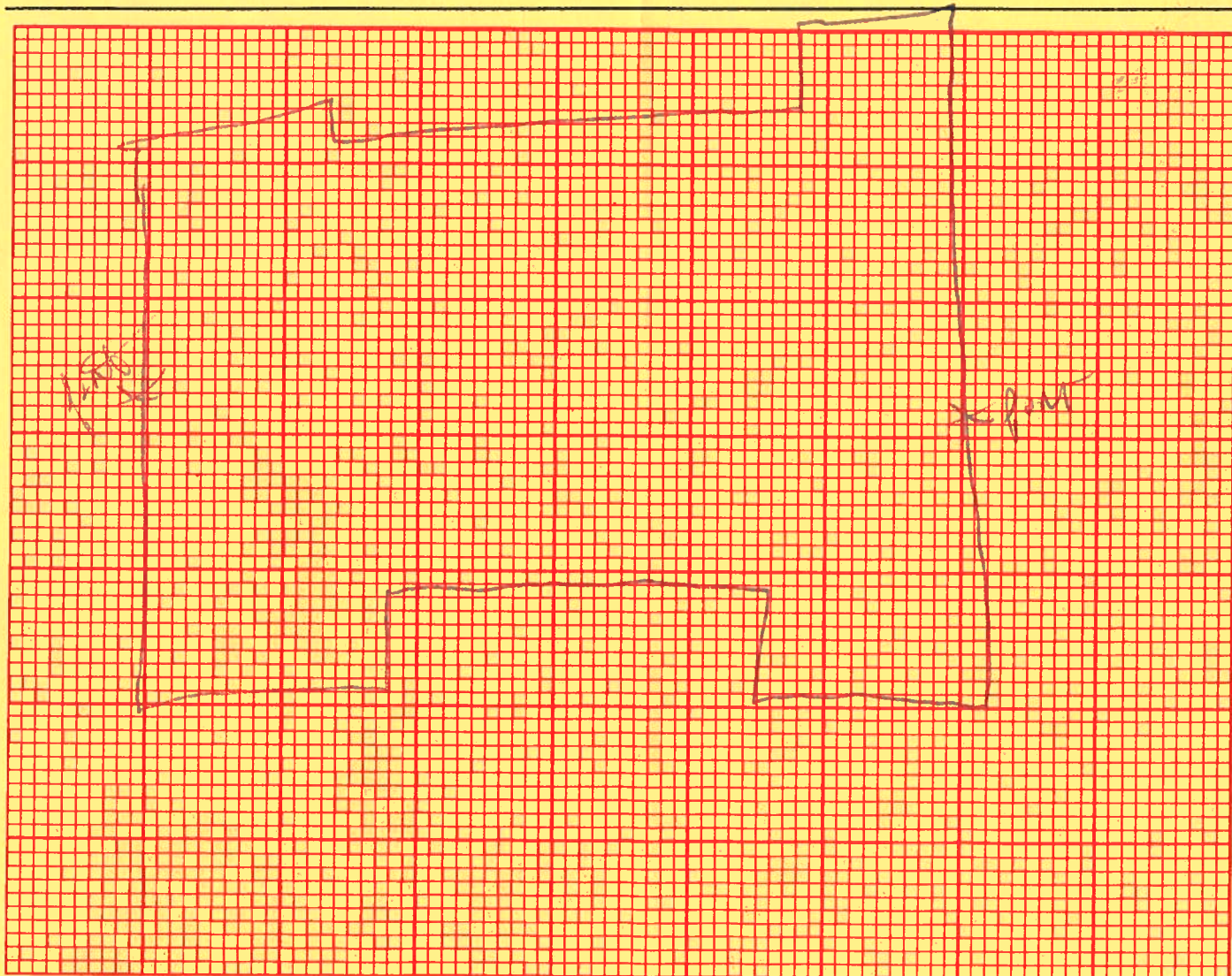
TREATED: ☒ HOUSE ☐ GARAGE / ENTRYWAY ☐ FRONT ☐ BACK ☐ PATIO ☐ OTHER: _____

CHARGES: _____ PESTICIDE USED: BORACIDE

RENEWAL AMOUNT: _____ TECHNICIAN: Don Bryant RT _____

DIRECTIONS & OTHER INFORMATION: _____

outside 345



COLUMBIA COUNTY OFFICIAL CERTIFICATE

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 21-7S-17-10031-001

Building permit No. 000024879

Use Classification SFD/UTILITY

Fire: 16.74

Permit Holder HOMES BY WHITTAKER, INC.

Waste: 50.25

Owner of Building MARCO & REGINA MARTINEZ

Total: 66.99

Location: 206 SW ACIE JAMES RD, HIGH SPRINGS, FL

Date: 07/24/2007

Henry Dicks

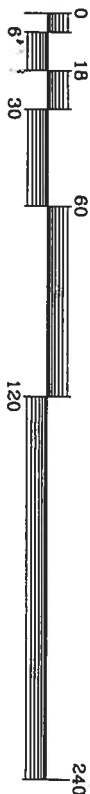
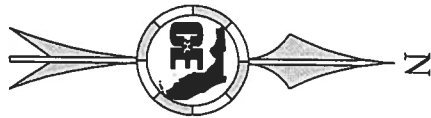
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



BOUNDARY SURVEY

SITUATED IN SECTION 21, TOWNSHIP 7 SOUTH, RANGE 17 EAST,
COLUMBIA COUNTY, FLORIDA



LEGEND:

- 4"x4" CONCRETE MONUMENT FOUND (ID. AS NOTED)
- 5/8" STEEL ROD & CAP SET (C&E INC. LB 5075)
- FENCE LINE
- CONCRETE MONUMENT
- CENTER LINE
- IDENTIFICATION
- POINT OF BEGINNING
- NO. NUMBER
- RIGHT-OF-WAY

SURVEYOR'S NOTES:

- THE BEARINGS SHOWN HEREON ARE BASED ON AN ASSUMED BEARING OF N 89°32'02" W ALONG THE MONUMENTED SOUTH LINE OF THE N.E. 1/4 OF THE S.E. 1/4 OF SECTION 21-7-17, SAID BEARING BEING IDENTICAL TO THE BEARING OF SAID LINE AS SHOWN ON THE BOUNDARY SURVEY OF RIVER RISE STATE PARK AS SURVEYED BY ROBERT B. HENDERSON, PLS #2678 OF THE PERRY C. MCGRIFF COMPANY, DATED SEPT. 28, 1981, PROJECT NO. M-17-81.
- NO UNDERGROUND INSTALLATION OF UTILITIES OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
- THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND FOUNDATIONS WHICH MAY ENCRACH.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY, AND OR OWNERSHIP WERE FURNISHED TO THE SURVEYOR EXCEPT AS SHOWN, AND NO SEARCH OF THE PUBLIC RECORDS HAS BEEN DONE BY THE SURVEYOR.
- SYMBOLS SHOWN HEREON MAY BE EXAGGERATED FOR PICTORIAL PURPOSES ONLY AND MAY NOT BE SHOWN TO SCALE.

PART OF TAX PARCEL 10031-000
2.05 ACRES ±

STATE OF FLORIDA
RIVER RISE STATE PARK

LEGAL DESCRIPTION: (BY SURVEYOR)

A tract of land situated in the Northeast Quarter of the Southeast Quarter (NE 1/4 of SE 1/4) of Section 21, Township 7 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

Commence at concrete monument and cap stamped Perry C. McGriff Co. LS2678 at the Southeast corner of said Section 21, Township 7 South, Range 17 East for a point of reference and run thence N 01°18'27"E, along the East line of said SE 1/4 of Section 21, a distance of 1316.04 feet to the Southeast corner of said NE 1/4 of the SE 1/4, thence run N 89°32'02"W, along the South line of said NE 1/4 of the SE 1/4, a distance of 420.00 feet to an iron rod and cap stamped C&E, Inc. LB5075 and the POINT OF BEGINNING; thence run N 01°18'27"E, parallel with said East line, a distance of 220.96 feet to an iron rod and cap stamped C&E, Inc. LB5075 on the Southerly maintained right of way of Acie James Road, thence run N 77°14'40"W, along said Southerly right of way line, a distance of 214.21 feet to an iron rod and cap stamped C&E, Inc. LB5075; thence run N 89°32'02"W, along said Southerly right of way line, a distance of 143.14 feet to an iron rod and cap stamped C&E, Inc. LB5075; thence run S 89°32'02"E, along said South line, a distance of 143.14 feet to a concrete monument and cap stamped Perry C. McGriff Co. LS2678; thence continue S 89°32'02"E, along said South line, a distance of 210.00 feet to the POINT OF BEGINNING.

POINT OF COMMENCEMENT

S.E. CORNER OF SECTION 21,
TOWNSHIP 7 SOUTH, RANGE 17 EAST
FOUND 4" X 4" C.M. (LS 2678)
33.0' WEST OF CENTERLINE OF U.S. 441

POINT OF BEGINNING

S.E. CORNER OF
N.E. 1/4 OF SE 1/4
OF SECTION 21-7-17

U.S. HIGHWAY NO. 441 / STATE ROAD NO. 25

Account CONTRACTORS
Jkt: WHITT-MARTINEZ
Designer: MMURRAY
Checker: MMURRAY
Date: 06-17-06

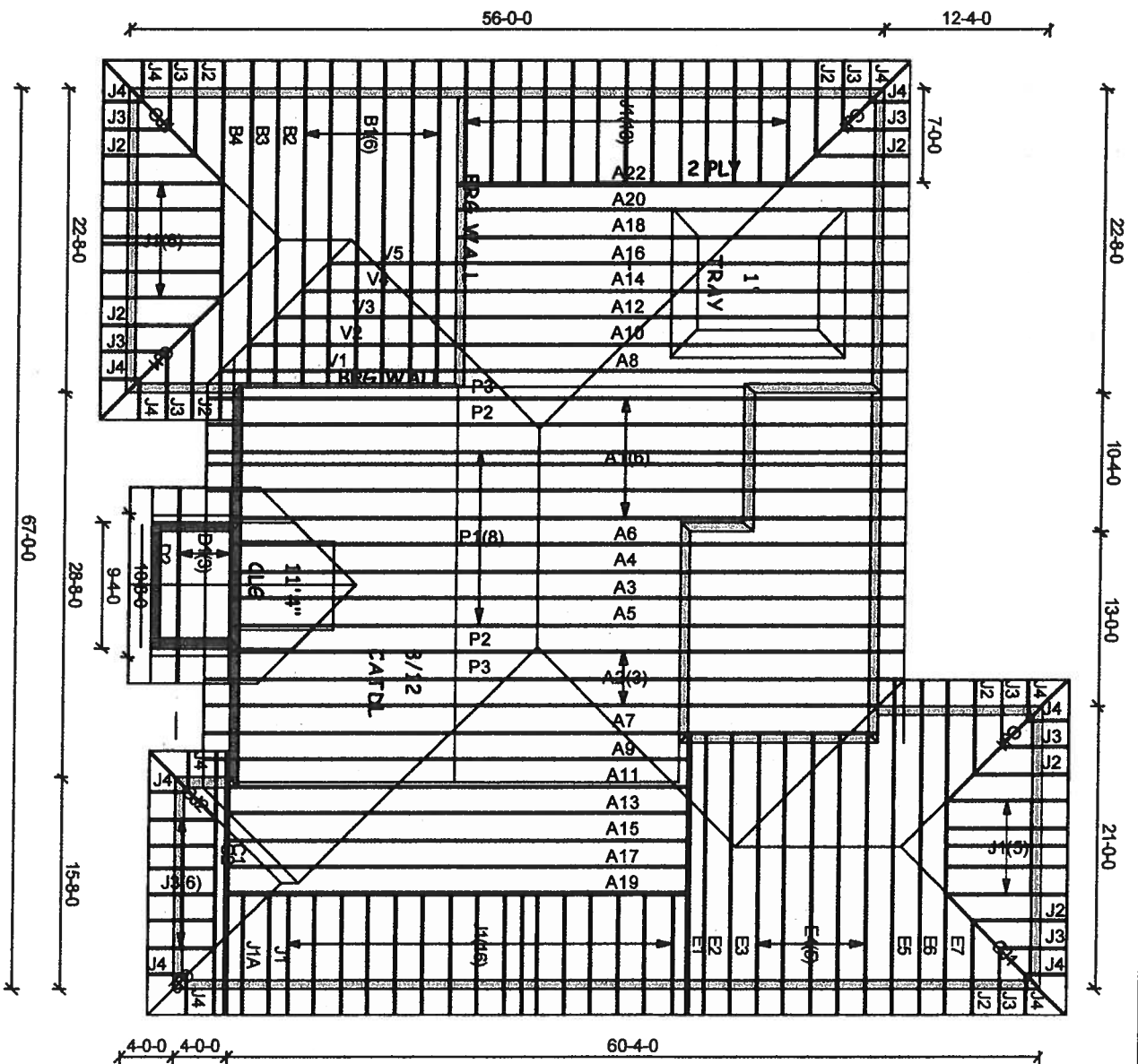
Mayo Trust Co. Inc.
3435 CLINE AVE.
NATL. FL. 32066
(904) 434-1988
(771) 558-6282

HOMES BY WHITTAKER

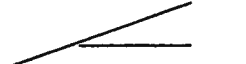
MARTINEZ - 2116 (EXECUTIVE)

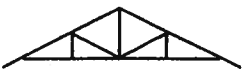
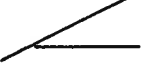
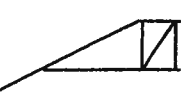
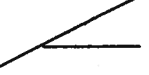
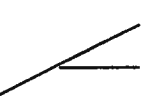
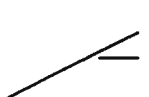
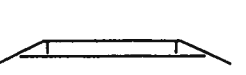
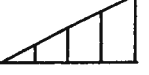
Refr. Load
TC Live 2000 psf
TC Dead 1000 psf
BC Live 000 psf
BC Dead 1000 psf
TC Stress h/c 25.00
BC Stress h/c 25.00

Account CONTRACTORS
Jct. V. H. MARTINEZ
Designer: M. M. L. RAY
Checker: M. M. L. RAY
Date: 05-17-05



Qty	Plys	Truss Type	Mark	R e a c t i o n s			Sketch
				Horizontal	Vertical	Uplift	
6	1	SP	WHITT-MARTINEZ/ A1	218	1472 2751	207 334	
				221	158	255	
3	1	SP	WHITT-MARTINEZ/ A2	220	1150 2977	161 536	
				221	168	376	
1	1	SP	WHITT-MARTINEZ/ A3	220	1036 2932	133 545	
				185	203	288	
1	1	SP	WHITT-MARTINEZ/ A4	219	1027 2960	132 548	
				186	204	296	
1	1	SP	WHITT-MARTINEZ/ A5	207	968 3158	124 572	
				193	203	349	
1	1	SP	WHITT-MARTINEZ/ A6	206	960 3183	123 576	
				193	203	356	
1	1	SP	WHITT-MARTINEZ/ A7	197	1143 3001	161 537	
				198	188	378	
1	1	HIPP	WHITT-MARTINEZ/ A8	360	1266	179	
				180	1394	180	
1	1	SP	WHITT-MARTINEZ/ A9	413	1484	193	
				392	1358	193	
1	1	SP	WHITT-MARTINEZ/ A10	340	1266	180	
				159	1394	179	
1	1	SP	WHITT-MARTINEZ/ A11	146	1360	175	
				254	1360	186	
1	1	SP	WHITT-MARTINEZ/ A12	304	1266	178	
				142	1394	181	
1	1	HHIP	WHITT-MARTINEZ/ A13	127	1359	176	
				226	1359	186	
1	1	SP	WHITT-MARTINEZ/ A14	268	1266	176	
				125	1394	183	
1	1	HHIP	WHITT-MARTINEZ/ A15	110	1360	177	
				190	1359	184	

		Truss		R e a c t i o n s			Sketch
Qty	Plys	Type	Mark	Horizontal	Vertical	Uplift	
1	1	SP	WHITT-MARTINEZ/ A16	232 108	1266 1394	174 185	
1	1	HHIP	WHITT-MARTINEZ/ A17	93 154	1360 1359	178 183	
1	1	SP	WHITT-MARTINEZ/ A18	196 91	1266 1394	172 187	
1	2	HHIP	WHITT-MARTINEZ/ A19	83 109	2387 2380	316 318	
1	1	SP	WHITT-MARTINEZ/ A20	160 74	1266 1394	171 188	
1	2	SP	WHITT-MARTINEZ/ A22	117 55	2722 2785	364 374	
6	1	TR	WHITT-MARTINEZ/ B1	106 106	1023 887	141 118	
1	1	TR	WHITT-MARTINEZ/ B2	106 106	1023 887	141 118	
1	1	HIPP	WHITT-MARTINEZ/ B3	84 84	1023 887	141 118	
1	1	HIPP	WHITT-MARTINEZ/ B4	65 65	2024 2024	277 277	
1	2	HIPP	WHITT-MARTINEZ/ C1	29 33	6419 4258	860 572	
1	1	HIPP	WHITT-MARTINEZ/ C2	23 23	930 930	129 129	
5	1	MONO	WHITT-MARTINEZ/ CJ1	44 126	458 348 239	83 7 83	
2	1	JCA2	WHITT-MARTINEZ/ CJ2	15 10	204 46 31	60 18	
3	1	TR	WHITT-MARTINEZ/ D1	42 42	547 548	90 90	
1	1	TR	WHITT-MARTINEZ/ D2	840 Continuous Brg			

Qty	Plys	Truss Type	Mark	R e a c t i o n s			Sketch
				Horizontal	Vertical	Uplift	
1	2	HHIP	WHITT-MARTINEZ/ E1	242 106	6675 4399	899 581	
1	1	HHIP	WHITT-MARTINEZ/ E2	226 99	759 888	119 114	
1	1	HHIP	WHITT-MARTINEZ/ E3	190 83	759 888	120 117	
5	1	TR	WHITT-MARTINEZ/ E4	112 93	759 887	101 123	
1	1	SP	WHITT-MARTINEZ/ E5	98 98	967 967	134 134	
1	1	HIPP	WHITT-MARTINEZ/ E6	84 84	967 967	134 134	
1	1	HIPP	WHITT-MARTINEZ/ E7	63 63	1874 1874	257 257	
41	1	JCA2	WHITT-MARTINEZ/ J1	105 71	390 183 128	57 78	
1	1	HHIP	WHITT-MARTINEZ/ J1A	35 89	408 279	54 51	
10	1	JCA2	WHITT-MARTINEZ/ J2	74 50	310 128 90	51 55	
16	1	JCA2	WHITT-MARTINEZ/ J3	43 29	230 74 52	45 32	
14	1	JCA2	WHITT-MARTINEZ/ J4	13 8	151 13 19	19 8	
8	1	TR	WHITT-MARTINEZ/ P1	663 Continuous Brg			
2	1	TR	WHITT-MARTINEZ/ P2	663 Continuous Brg			
2	1	HIPP	WHITT-MARTINEZ/ P3	663 Continuous Brg			
1	1	VLM.	WHITT-MARTINEZ/ V1	1497 Continuous Brg			

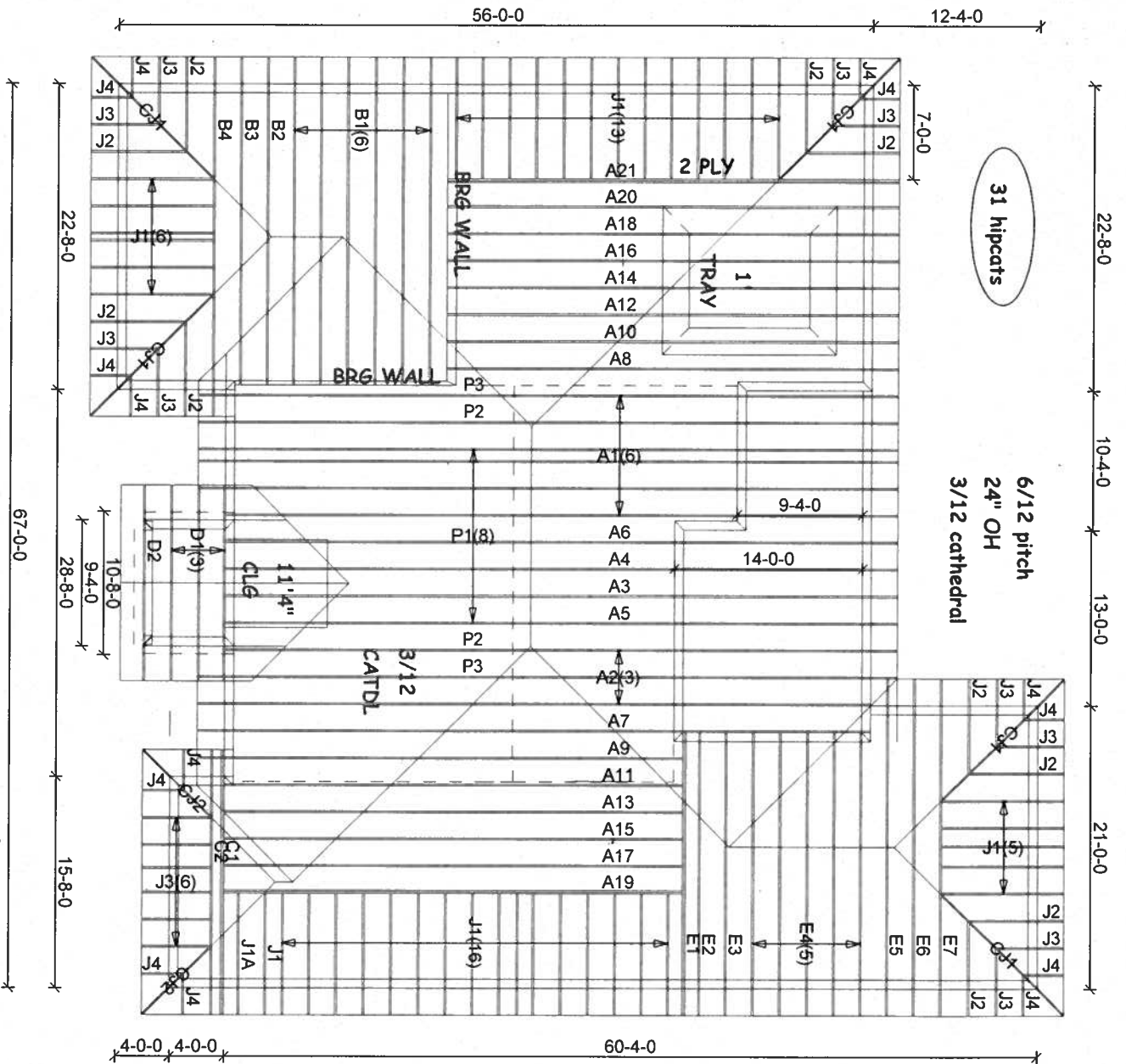
Qty	Plys	Truss Type	Mark	R e a c t i o n s			Sketch
				Horizontal	Vertical	Uplift	
1	1	VLM.	WHITT-MARTINEZ/ V2		1249	Continuous Brg	
1	1	VLMH	WHITT-MARTINEZ/ V3		1172	Continuous Brg	
1	1	VLMH	WHITT-MARTINEZ/ V4		890	Continuous Brg	
1	1	VLMH	WHITT-MARTINEZ/ V5		743	Continuous Brg	

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

HOMES BY WHITTAKER
MARTINEZ - 2116 (EXECUTIVE)
110 MPH ASCE WIND LOAD

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

Account: CONTRACTORS
 Job: WHITT-MARTINEZ
 Designer: M.MURRAY
 Checker: M.MURRAY
 Date: 07-20-06



Permit Number: _____ Lot Number: _____
 Miscellaneous: _____ Address: _____

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

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: WHITT-MARTINEZ - MARTINEZ - 2116

Standard Loading:

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

**ROBBINS
ENGINEERING, INC.**

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

Engineering Index Sheet

Index Page 1 of 1

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

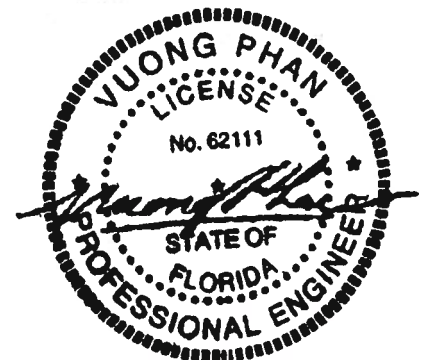
Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06071750	07/19/2006		46

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

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

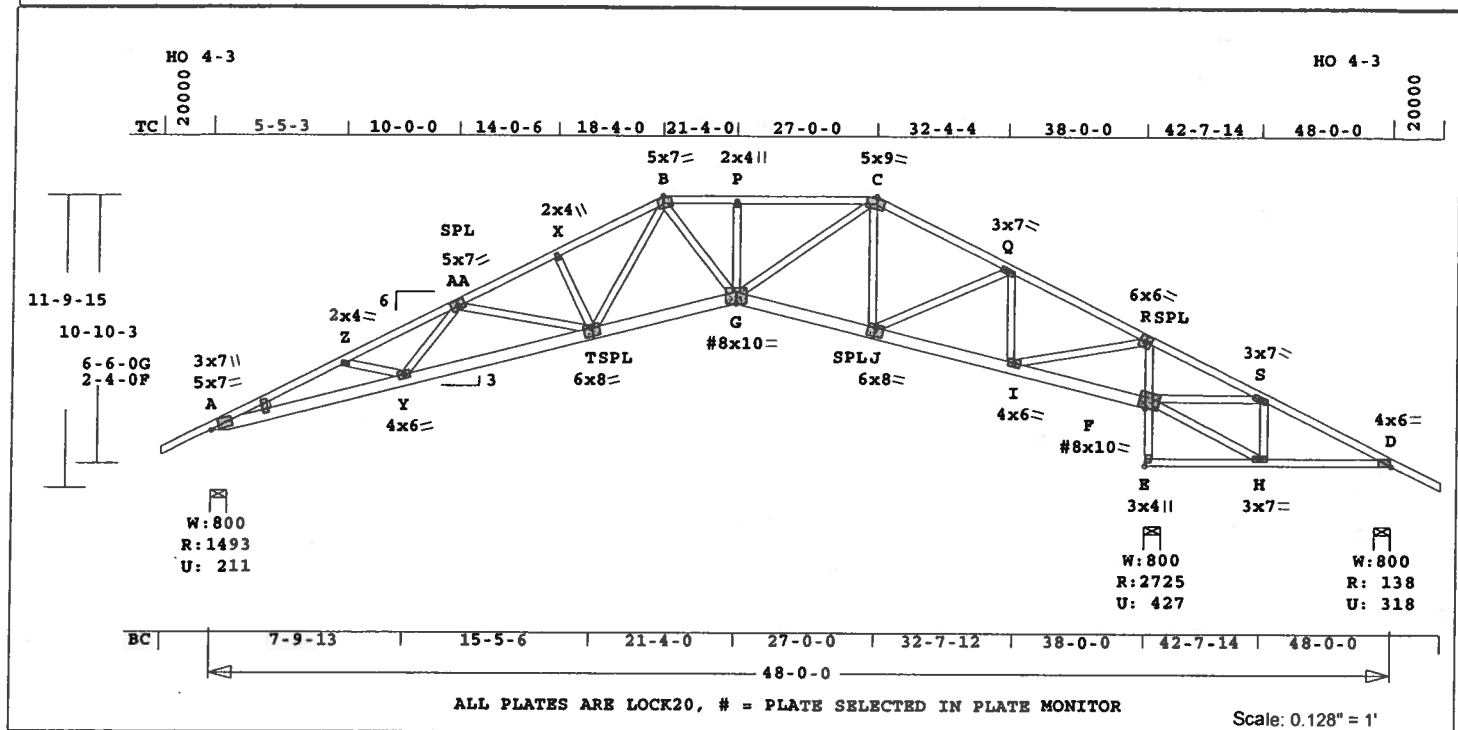
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5	07/19/06	A5	6	07/19/06	A6	7	07/19/06	A7	8	07/19/06	A8
9	07/19/06	A9	10	07/19/06	A10	11	07/19/06	A11	12	07/19/06	A12
13	07/19/06	A13	14	07/19/06	A14	15	07/19/06	A15	16	07/19/06	A16
17	07/19/06	A17	18	07/19/06	A18	19	07/19/06	A19	20	07/19/06	A20
21	07/19/06	A21	22	07/19/06	B1	23	07/19/06	B2	24	07/19/06	B3
25	07/19/06	B4	26	07/19/06	C1	27	07/19/06	C2	28	07/19/06	CJ1
29	07/19/06	CJ2	30	07/19/06	D1	31	07/19/06	D2	32	07/19/06	E1
33	07/19/06	E2	34	07/19/06	E3	35	07/19/06	E4	36	07/19/06	E5
37	07/19/06	E6	38	07/19/06	E7	39	07/19/06	J1	40	07/19/06	J1A
41	07/19/06	J2	42	07/19/06	J3	43	07/19/06	J4	44	07/19/06	P1
45	07/19/06	P2	46	07/19/06	P3						

Truss Design Engineer: Vuong Phan
 License # 62111
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A1	6	SP	480000	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 376.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.72	2x 4 SP-#2
BC	0.63	2x 6 SP-#2
EX E -D	2x 4	SP-#2
CW	0.33	2x 4 SP-#2
WB	0.53	2x 4 SP-#2
WG	---	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	18- 4- 0
TC 2- 0- 0	18- 4- 0	27- 0- 0
TC Cont.	27- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1493	212	8- 0	1-12
			Hx =	-219
E	2725	428	8- 0	3- 1
D	138	318	8- 0	1- 8
			Hx =	222

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -Z	0.23	4492 C	0.14 0.09
Z -AA	0.49	4209 C	0.19 0.30
AA-X	0.25	3275 C	0.07 0.18
X -B	0.26	3163 C	0.09 0.17
B -P	0.21	2764 C	0.10 0.11
P -C	0.35	2764 C	0.10 0.25
C -Q	0.31	1625 C	0.01 0.30
Q -R	0.30	581 C	0.00 0.30
R -S	0.72	2614 T	0.44 0.28
S -D	0.42	910 T	0.16 0.26
-----Bottom Chords-----			
A -Y	0.63	4127 T	0.50 0.13
Y -T	0.60	3698 T	0.44 0.16
T -G	0.39	2486 T	0.30 0.09
G -J	0.29	1488 T	0.18 0.11
J -I	0.15	540 T	0.06 0.09
I -F	0.16	2405 C	0.01 0.15

Z -Y	0.03	245 C
Y -AA	0.06	433 T
AA-T	0.27	672 C
X -T	0.03	224 C
T -B	0.16	884 T
B -G	0.09	540 T
G -P	0.04	223 C
G -C	0.28	1567 T
J -C	0.17	483 C
J -Q	0.18	1016 T
I -Q	0.25	1238 C
I -R	0.53	2906 T
F -S	0.42	1539 C
F -H	0.29	837 C
H -S	0.09	536 T

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RMS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 5.0x 7.0 Ctr Ctr 0.92

A LOCK 3.0x 7.0 Ctr Ctr 0.00

Z LOCK 2.0x 4.0 Ctr Ctr 0.53

AA LOCK 5.0x 7.0-0.2 0.5 0.86

X LOCK 2.0x 4.0 Ctr Ctr 0.53

B LOCK 5.0x 7.0 0.8-3.2 0.78

P LOCK 2.0x 4.0 Ctr Ctr 0.53

C LOCK 5.0x 9.0-0.8-3.5 0.86

Q LOCK 3.0x 7.0 Ctr Ctr 0.44

R LOCK 6.0x 6.0 Ctr Ctr 0.98

S LOCK 3.0x 7.0 Ctr Ctr 0.44

D LOCK 4.0x 6.0 Ctr 0.1 0.81

Y LOCK 4.0x 6.0 Ctr Ctr 0.46

T LOCK 6.0x 8.0 0.3-1.2 0.69

G# LOCK 8.0x10.0 Ctr-1.7 0.57

J LOCK 6.0x 8.0-0.3-1.2 0.69

I LOCK 4.0x 6.0 Ctr Ctr 0.78

F# LOCK 8.0x10.0 0.2 0.9 0.75

E LOCK 3.0x 4.0 Ctr Ctr 0.71

H LOCK 3.0x 7.0 Ctr Ctr 0.47

= Plate Monitor used

REVIEWED BY:

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

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

Prevent truss rotation at all
bearing locations.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

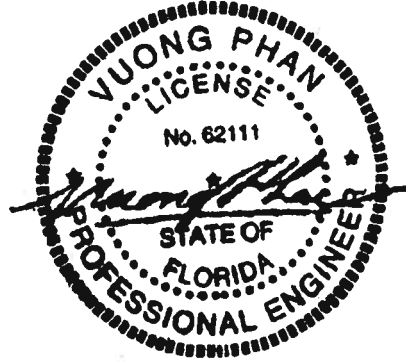
User-defined wind-exposed BC

regions --From-- --To--

Truss Design Engineer: Vuong Phan

License #: 62111

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

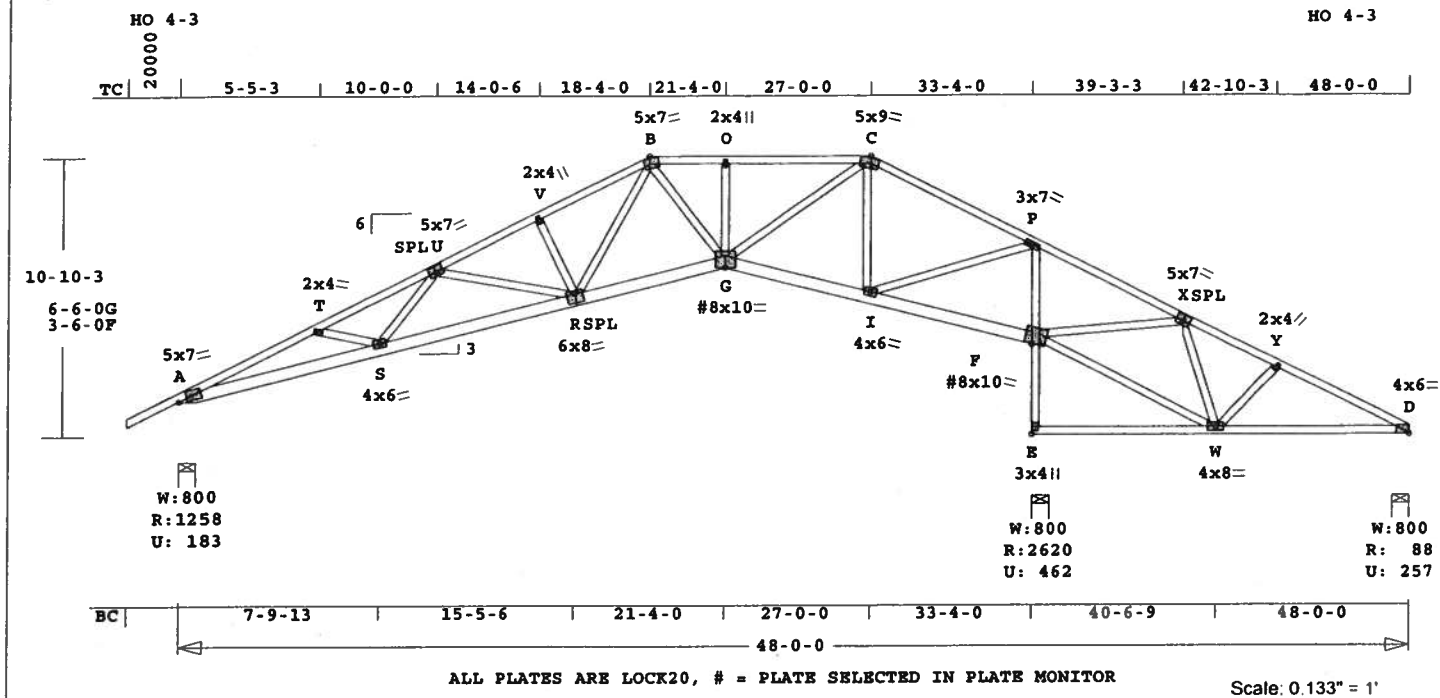


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A1	6	SP	480000	6	2- 0- 0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

38- 0- 0 48- 0- 0
Max comp. force 4492 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A2	3	SP	480000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 370.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	-Size-	---Lumber---
TC	0.85	2x 4 SP-#2
BC	0.51	2x 6 SP-#2
EX E -D	2x 4	SP-#2
CW	0.26	2x 4 SP-#2
WB	0.56	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	18- 4- 0
TC 2- 0- 0	18- 4- 0	27- 0- 0
TC Cont.	27- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1258	184	8- 0	1- 8
			Hz =	-219
E	2621	463	8- 0	2-15
D	89	258	8- 0	1- 8
			Hz =	222

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -T	0.27	3595	C	0.09 0.18
T -U	0.35	3257	C	0.11 0.24
U -V	0.21	2265	C	0.03 0.18
V -B	0.17	2153	C	0.04 0.13
B -O	0.12	1499	C	0.01 0.11
O -C	0.39	1499	C	0.01 0.38
C -P	0.50	331	C	0.00 0.50
P -X	0.85	2044	T	0.35 0.50
X -Y	0.28	505	T	0.06 0.22
Y -D	0.26	489	T	0.04 0.22
-----Bottom Chords-----				
A -S	0.51	3298	T	0.40 0.11
S -R	0.48	2795	T	0.33 0.15
R -G	0.31	1567	T	0.19 0.12
G -I	0.16	297	T	0.03 0.13
I -F	0.14	1864	C	0.00 0.14
E -W	0.37	21	C	0.00 0.37

W -D	0.37	422	C	0.00	0.37
-----Chord-Webs-----					
E -F	0.23	2568	C	0.23	0.00
F -P	0.26	2148	C	0.20	0.06
-----Webs-----					
T -S	0.03	297	C		
S -U	0.07	467	T		
U -R	0.28	700	C		
V -R	0.03	213	C		
R -B	0.16	874	T		
B -G	0.01	93	T		
G -O	0.04	235	C		
G -C	0.26	1435	T		
I -C	0.35	1012	C		
I -P	0.40	2191	T		
F -X	0.56	1263	C		
F -W	0.48	607	C		
X -W	0.12	681	T		
W -Y	0.04	269	C		

TL Defl -0.43" in S -R L/909
LL Defl -0.21" in S -R L/999
Hz Disp LL DL TL
Jt E 0.10" 0.10" 0.19"
Shear // Grain in C -P 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 7.0 Ctr Ctr 0.90
T LOCK 2.0x 4.0 Ctr Ctr 0.53
U LOCK 5.0x 7.0-0.2 0.5 0.86
V LOCK 2.0x 4.0 Ctr Ctr 0.52
B LOCK 5.0x 7.0 0.8-3.2 0.78
O LOCK 2.0x 4.0 Ctr Ctr 0.53
C LOCK 5.0x 9.0-0.8-3.5 0.79
P LOCK 3.0x 7.0 Ctr Ctr 0.94
X LOCK 5.0x 7.0 0.2 0.5 0.86
Y LOCK 2.0x 4.0 Ctr Ctr 0.52
D LOCK 4.0x 6.0 Ctr 0.1 0.81
S LOCK 4.0x 6.0 Ctr Ctr 0.46
R LOCK 6.0x 8.0 0.3-1.2 0.69
G# LOCK 8.0x10.0 Ctr-1.7 0.57
I LOCK 4.0x 6.0 Ctr Ctr 0.60
F# LOCK 8.0x10.0 0.2 0.9 0.75
E LOCK 3.0x 4.0 Ctr Ctr 0.68
W LOCK 4.0x 8.0 Ctr Ctr 0.56

= Plate Monitor used

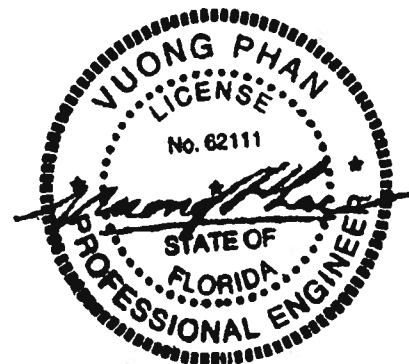
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

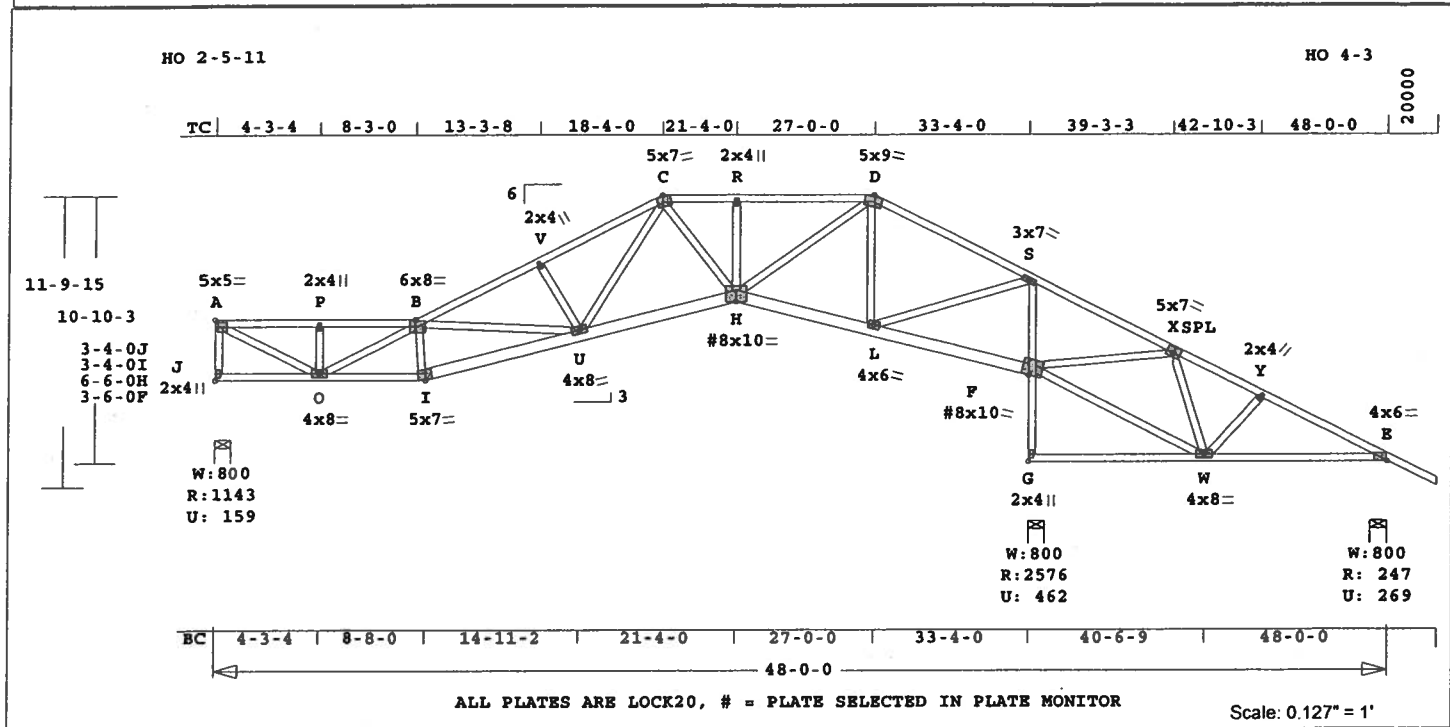
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
33- 4- 0 48- 0- 0
Max comp. force 3595 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A3	1	SP	480000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.127" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 377.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size-	Lumber----
TC 0.83 2x 4	SP-#2
BC 0.72 2x 4	SP-#2
EX I -H 2x 6	SP-#2
EX H -F 2x 6	SP-#2
CW 0.25 2x 4	SP-#2
WB 0.54 2x 4	SP-#2

Brace truss as follows:	O.C.	From	To
TC Cont.	0- 0- 0	18- 4- 0	0
TC 2- 0- 0	18- 4- 0	27- 0- 0	0
TC Cont.	27- 0- 0	48- 0- 0	0
BC Cont.	0- 0- 0	48- 0- 0	0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
J	1143	159	8- 0	1- 8
			Hx =	-220
G	2577	462	8- 0	2-14
E	248	270	8- 0	1- 8
			Hx =	185

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
Top Chords					
A -P	0.23	1876	C	0.02	0.21
P -B	0.23	1876	C	0.02	0.21
B -V	0.24	2441	C	0.03	0.21
V -C	0.24	2284	C	0.03	0.21
C -R	0.11	1569	C	0.01	0.10
R -D	0.38	1569	C	0.01	0.37
D -S	0.50	404	C	0.00	0.50
S -X	0.83	1915	T	0.33	0.50
X -Y	0.27	436	T	0.05	0.22
Y -E	0.25	420	T	0.03	0.22
Bottom Chords					
J -O	0.10	192	T	0.00	0.10
O -I	0.72	3124	T	0.52	0.20
I -U	0.49	3177	T	0.38	0.11
U -H	0.31	1614	T	0.19	0.12
H -L	0.17	363	T	0.04	0.13
L -F	0.14	1746	C	0.00	0.14

G -W	0.37	21	C	0.00	0.37
W -E	0.37	361	C	0.00	0.37
Chord-Webs					
G -F	0.23	2524	C	0.23	0.00
F -S	0.25	2105	C	0.19	0.06
Webs					
J -A	0.11	1097	C	WindLd	
A -O	0.39	2123	T		
O -P	0.03	313	C		
P -B	0.37	1396	C		
B -I	0.06	645	C		
I -U	0.47	894	C		
U -V	0.04	272	C		
V -C	0.16	915	T		
C -H	0.01	95	T		
H -R	0.04	231	C		
R -D	0.26	1442	T		
D -S	0.34	985	C		
S -L	0.39	2138	T		
L -F	0.54	1217	C		
F -W	0.42	531	C		
W -X	0.11	644	T		
X -Y	0.04	267	C		

TL Defl	-0.38"	in I	-U	L/999
LL Defl	-0.18"	in I	-U	L/999
Hx Disp	LL	DL	TL	
Jt G	0.05"	0.05"	0.10"	
Shear // Grain	in D	-S	0.27	

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area					
Plate - RHS 20 Ga, Gross Area					
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.78
P	LOCK	2.0x 4.0	Ctr	Ctr	0.53
B	LOCK	6.0x 8.0	1.0	Ctr	0.88
V	LOCK	2.0x 4.0	Ctr	Ctr	0.52
C	LOCK	5.0x 7.0	0.8-3.2	Ctr	0.79
R	LOCK	2.0x 4.0	Ctr	Ctr	0.53
D	LOCK	5.0x 9.0	0.8-3.5	Ctr	0.79
S	LOCK	3.0x 7.0	Ctr	Ctr	0.92
X	LOCK	5.0x 7.0	0.2	0.5	0.86
Y	LOCK	2.0x 4.0	Ctr	Ctr	0.53
E	LOCK	4.0x 6.0	Ctr	0.1	0.81
J	LOCK	2.0x 4.0	Ctr	Ctr	0.65
O	LOCK	4.0x 8.0	Ctr	Ctr	0.82
I	LOCK	5.0x 7.0	0.4	2.9	0.75
U	LOCK	4.0x 8.0	Ctr	Ctr	0.59
H#	LOCK	8.0x10.0	Ctr	1.7	0.57
L	LOCK	4.0x 6.0	Ctr	Ctr	0.59
F#	LOCK	8.0x10.0	0.2	0.8	0.75
G	LOCK	2.0x 4.0	Ctr	Ctr	1.00
W	LOCK	4.0x 8.0	Ctr	Ctr	0.56

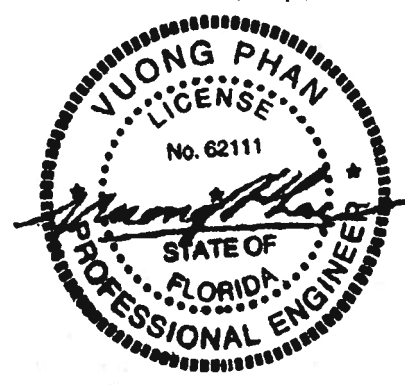
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

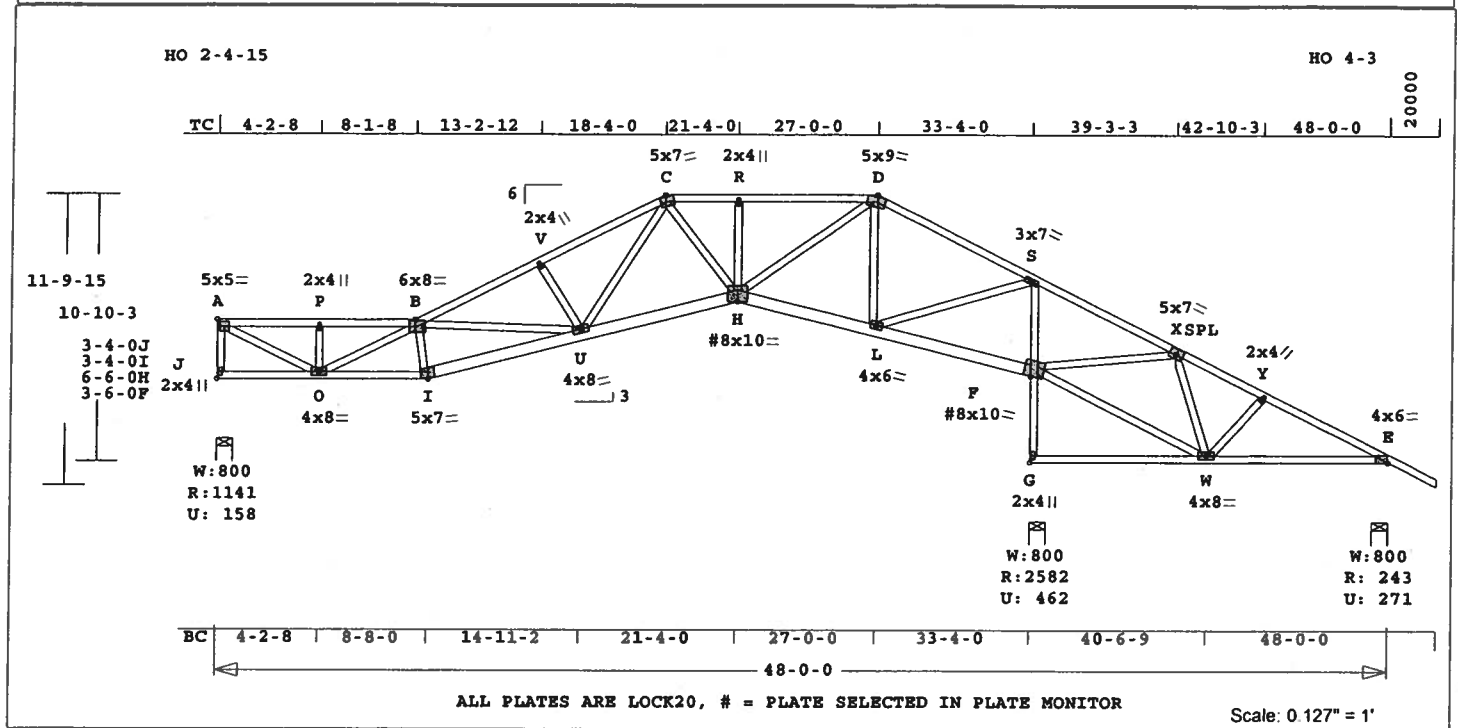


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A3	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

regions --From-- ---To---
33- 4- 0 48- 0- 0
Max comp. force 2524 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A4	1	SP	480000	6	0	2- 0- 0	TO6071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 377.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.83	2x 4 SP-#2
BC	0.74	2x 4 SP-#2
EX I	-H	2x 6 SP-#2
EX H	-F	2x 6 SP-#2
CW	0.25	2x 4 SP-#2
WB	0.54	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	18- 4- 0
TC 2- 0- 0	18- 4- 0	27- 0- 0
TC Cont.	27- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

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

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
J	1142	159	8- 0	1- 8
			Hz =	-219
G	2582	463	8- 0	2-15
E	244	271	8- 0	1- 8
			Hz =	186

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -P	0.22	1901	C	0.02	0.20
P -B	0.22	1901	C	0.02	0.20
B -V	0.25	2443	C	0.03	0.22
V -C	0.25	2278	C	0.03	0.22
C -R	0.11	1561	C	0.01	0.10
R -D	0.38	1561	C	0.01	0.37
D -S	0.50	395	C	0.00	0.50
S -X	0.83	1930	T	0.33	0.50
X -Y	0.27	439	T	0.05	0.22
Y -E	0.25	423	T	0.03	0.22
-----Bottom Chords-----					
J -O	0.09	192	T	0.00	0.09
O -I	0.74	3182	T	0.53	0.21
I -U	0.49	3190	T	0.38	0.11
U -H	0.31	1608	T	0.19	0.12
H -L	0.17	355	T	0.04	0.13
L -F	0.14	1760	C	0.00	0.14

G	-W	0.37	21	C	0.00	0.37
W	-E	0.37	364	C	0.00 <td>0.37</td>	0.37
-----Chord-Webs-----						
G	-F	0.23	2529	C	0.23	0.00
F	-S	0.25	2111	C	0.19	0.06
-----Webs-----						
J	-A	0.11	1095	C	WindLd	
A	-O	0.39	2145	T		
O	-P	0.03	307	C		
O	-B	0.36	1428	C		
B	-I	0.06	652	C		
B	-U	0.50	904	C		
V	-U	0.04	279	C		
U	-C	0.16	914	T		
C	-H	0.01	96	T		
H	-R	0.04	230	C		
H	-D	0.26	1442	T		
L	-D	0.34	988	C		
L	-S	0.39	2145	T		
F	-X	0.54	1222	C		
F	-W	0.42	540	C		
X	-W	0.11	648	T		
W	-Y	0.04	268	C		

TL Defl -0.38" in I -U L/999

LL Defl -0.19" in I -U L/999

Hz Disp LL DL TL

Jt G 0.05" 0.05" 0.10"

Shear // Grain in D -S 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt	Size	X	Y	JSI
A	LOCK	5.0x	5.0	Ctr	Ctr	0.78
P	LOCK	2.0x	4.0	Ctr	Ctr	0.53
B	LOCK	6.0x	8.0	1.0	Ctr	0.88
V	LOCK	2.0x	4.0	Ctr	Ctr	0.53
C	LOCK	5.0x	7.0	0.8-3.2	0.79	
R	LOCK	2.0x	4.0	Ctr	Ctr	0.53
D	LOCK	5.0x	9.0-0.8-3.5	0.79		
S	LOCK	3.0x	7.0	Ctr	Ctr	0.92
X	LOCK	5.0x	7.0	0.2	0.5	0.86
Y	LOCK	2.0x	4.0	Ctr	Ctr	0.53
E	LOCK	4.0x	6.0	Ctr	0.1	0.81
J	LOCK	2.0x	4.0	Ctr	Ctr	0.65
O	LOCK	4.0x	8.0	Ctr	Ctr	0.83
I	LOCK	5.0x	7.0-0.4	2.9	0.75	
U	LOCK	4.0x	8.0	Ctr	Ctr	0.60
H#	LOCK	8.0x10.0	Ctr	1.7	0.57	
L	LOCK	4.0x	6.0	Ctr	Ctr	0.59
F#	LOCK	8.0x10.0	0.2	0.9	0.75	
G	LOCK	2.0x	4.0	Ctr	Ctr	1.00
W	LOCK	4.0x	8.0	Ctr	Ctr	0.56

= Plate Monitor used

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

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

NOTES:

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

OH Loading
Soffit psf 2.0

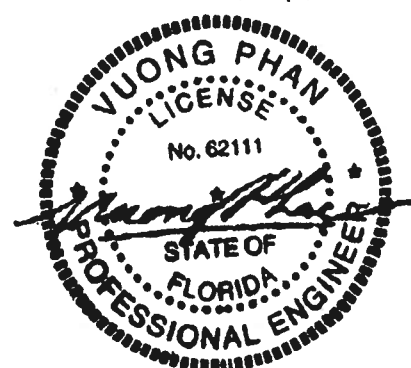
Design checked for 10 psf non-
concurrent LL on BC.

Prevent truss rotation at all
bearing locations.

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

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

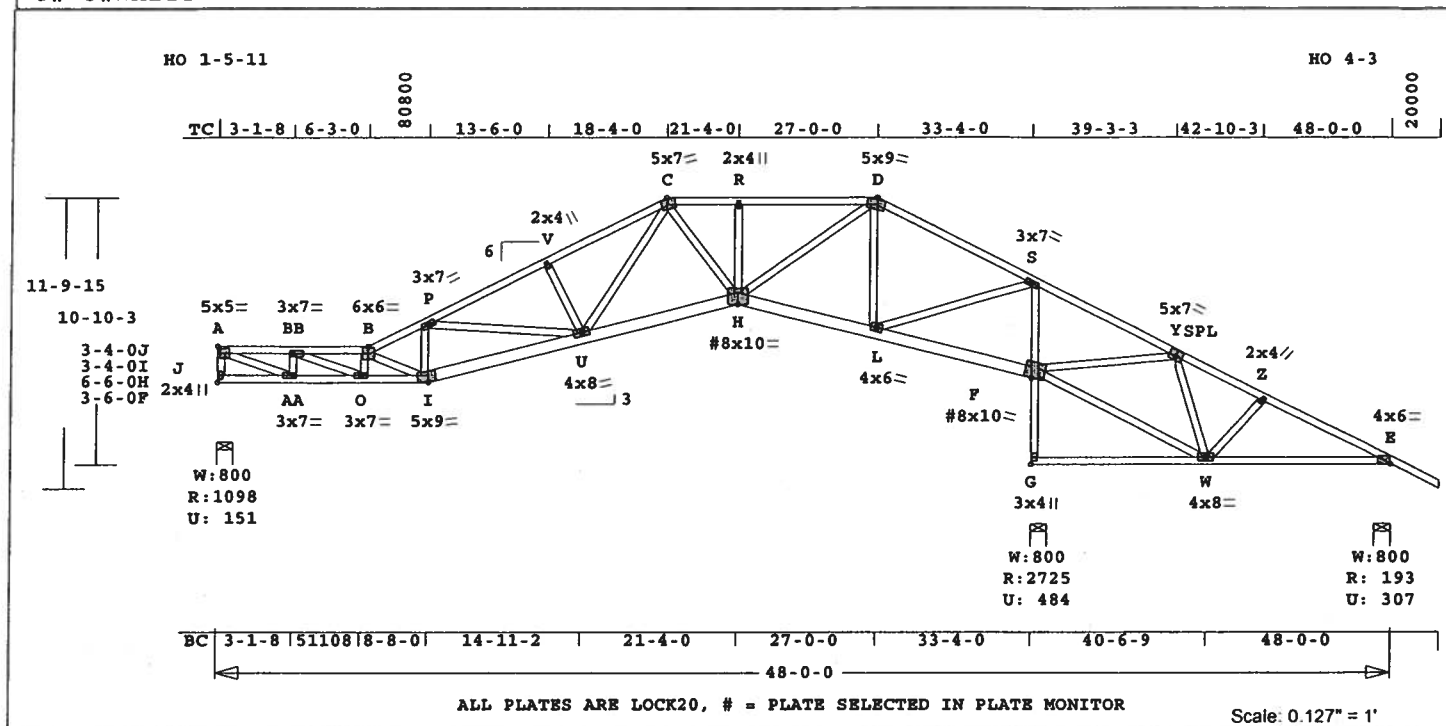


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A4	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

regions --From-- ---To---
33- 4- 0 48- 0- 0
Max comp. force 2529 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A5	1	SP	480000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 374.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.91 2x 4 SP-#2
BC 0.46 2x 6 SP-#2
EX J -I 2x 4 SP-#1
EX G -E 2x 4 SP-#2
CW 0.28 2x 4 SP-#2
WB 0.62 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 48- 0- 0
BC Cont. 0- 0- 0 48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
J 1099 152 8- 0 1- 8
Hz = -207
G 2725 485 8- 0 3- 1
E 194 307 8- 0 1- 8
Hz = 193

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -BB 0.17 2441 C 0.04 0.13
BB-B 0.31 4190 C 0.12 0.19
B -P 0.45 3104 C 0.06 0.39
P -V 0.25 2238 C 0.03 0.22
V -C 0.22 2101 C 0.03 0.19
C -R 0.12 1329 C 0.01 0.11
R -D 0.40 1329 C 0.01 0.39
D -S 0.51 156 C 0.00 0.51
S -Y 0.91 2354 T 0.40 0.51
Y -Z 0.31 569 T 0.08 0.23
Z -E 0.30 500 T 0.07 0.23
-----Bottom Chords-----
J -AA 0.04 192 T 0.00 0.04
AA-O 0.65 2441 T 0.32 0.33
O -I 0.90 4277 T 0.56 0.34
I -U 0.46 2923 T 0.35 0.11
U -H 0.29 1438 T 0.17 0.12
H -L 0.14 250 T 0.01 0.13
L -F 0.14 2151 C 0.00 0.14

G -W 0.38 23 C 0.00 0.38
W -E 0.38 432 C 0.00 0.38
-----Chord-Webs-----
G -F 0.24 2672 C 0.24 0.00
F -S 0.28 2249 C 0.22 0.06
-----Webs-----
J -A 0.10 1071 C WindLd
A -AA 0.48 2626 T
AA-BB 0.07 825 C
BB-O 0.34 1882 T
O -B 0.08 927 C
B -I 0.18 1540 C
I -P 0.03 200 T
P -U 0.43 835 C
U -V 0.04 260 C
V -C 0.17 928 T
C -H 0.02 110 T
H -R 0.04 237 C
R -D 0.26 1419 T
D -L 0.38 1081 C
L -S 0.42 2317 T
S -Y 0.61 1376 C
Y -W 0.62 790 C
W -Z 0.14 771 T
Z -F 0.04 273 C

TL Defl -0.50" in I -U L/786
LL Defl -0.24" in I -U L/999
Hz Disp LL DL TL
Jt G 0.05" 0.05" 0.09"
Shear // Grain in O -I 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.

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

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.79
BB LOCK 3.0x 7.0 Ctr Ctr 0.61
B LOCK 6.0x 6.0 Ctr Ctr 0.88
P LOCK 3.0x 7.0 Ctr Ctr 0.44
V LOCK 2.0x 4.0 Ctr Ctr 0.52
C LOCK 5.0x 7.0 0.8-3.2 0.79
R LOCK 2.0x 4.0 Ctr Ctr 0.53
D LOCK 5.0x 9.0-0.8-3.5 0.78
S LOCK 3.0x 7.0 Ctr Ctr 0.98
Y LOCK 5.0x 7.0 0.2 0.5 0.86
Z LOCK 2.0x 4.0 Ctr Ctr 0.53
E LOCK 4.0x 6.0 Ctr 0.1 0.81
J LOCK 2.0x 4.0 Ctr Ctr 0.65
AA LOCK 3.0x 7.0 Ctr Ctr 0.85
O LOCK 3.0x 7.0 Ctr Ctr 0.61
I LOCK 5.0x 9.0-0.9 3.0 0.84
U LOCK 4.0x 8.0 Ctr Ctr 0.58
H# LOCK 8.0x10.0 Ctr-1.7 0.57
L LOCK 4.0x 6.0 Ctr Ctr 0.64
F# LOCK 8.0x10.0 0.2 1.0 0.75

G LOCK 3.0x 4.0 Ctr Ctr 0.70
W LOCK 4.0x 8.0 Ctr Ctr 0.56

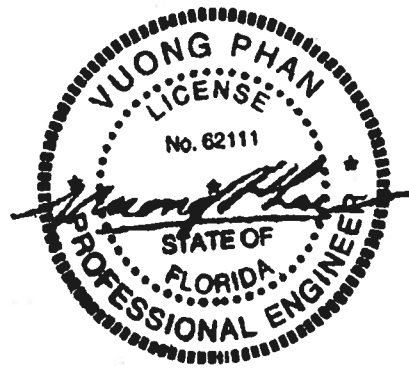
= Plate Monitor used

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

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

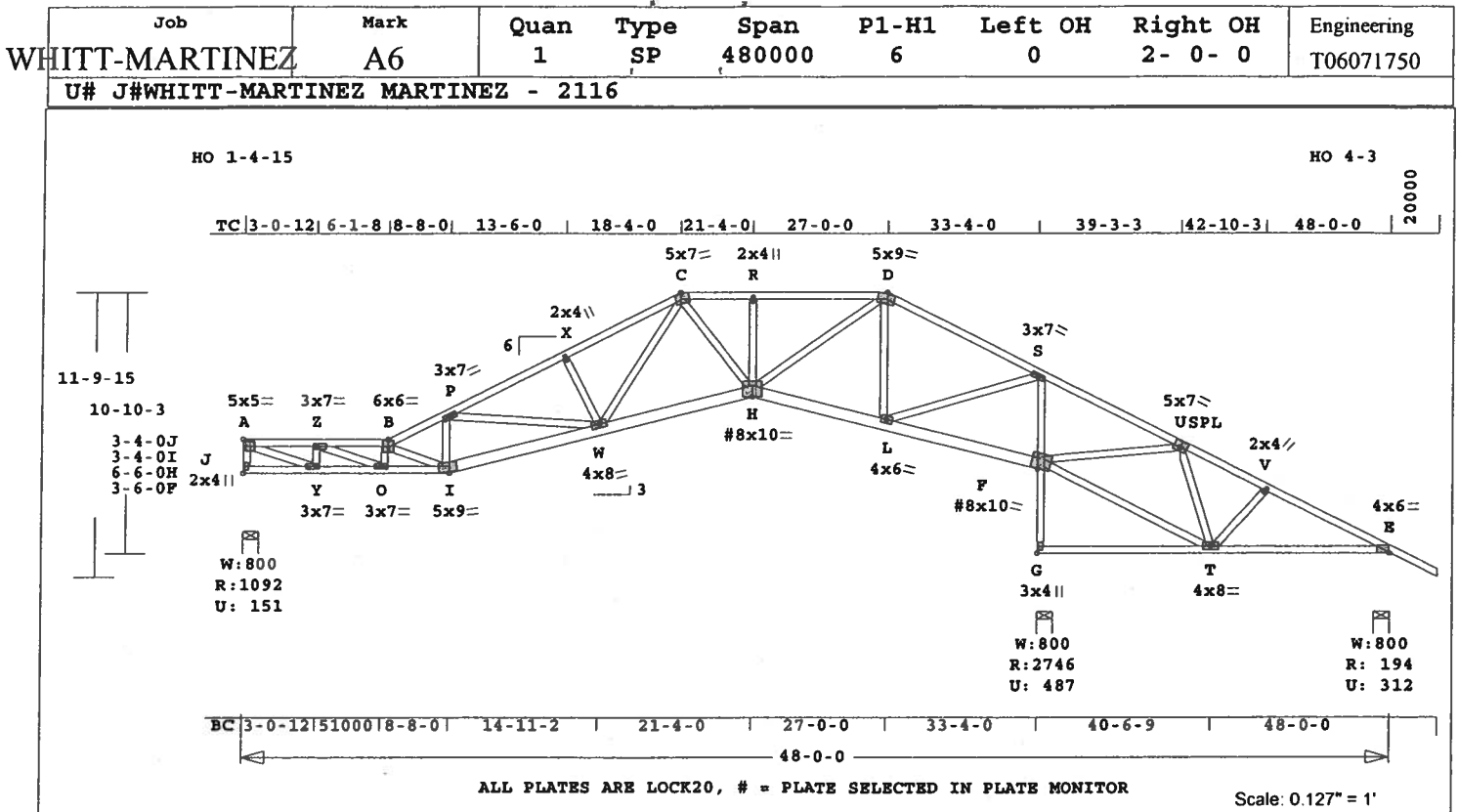
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A5	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 User-defined wind-exposed BC
 regions --From-- ---To---
 33- 4- 0 48- 0- 0
 Max comp. force 4190 Lbs
 Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 374.1 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

TC	BC	EX J	EX G	CW	WB
0.92	0.47	-I	-B	0.29	0.65
2x 4	2x 6	2x 4	2x 4	2x 4	2x 4
SP-#2	SP-#2	SP-#1	SP-#2	SP-#2	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
J	1093	151	8- 0	1- 8
			Hx =	-206
G	2747	487	8- 0	3- 2
E	194	313	8- 0	1- 8
			Hx =	193

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A - Z	0.18	2506	C	0.04	0.14
Z - B	0.32	4306	C	0.12	0.20
B - P	0.48	3077	C	0.06	0.42
P - X	0.26	2210	C	0.03	0.23
X - C	0.21	2074	C	0.02	0.19
C - R	0.12	1295	C	0.01	0.11
R - D	0.40	1295	C	0.01	0.39
D - S	0.51	120	C	0.00	0.51
S - U	0.92	2418	T	0.41	0.51
U - V	0.32	601	T	0.09	0.23
V - E	0.31	511	T	0.08	0.23
-----Bottom Chords-----					
J - Y	0.04	192	T	0.00	0.04
Y - O	0.69	2506	T	0.33	0.36
O - I	0.94	4400	T	0.58	0.36
I - W	0.47	2899	T	0.35	0.12
W - H	0.29	1413	T	0.17	0.12
H - L	0.14	254	T	0.01	0.13
L - F	0.14	2210	C	0.00	0.14

G - T	T - E
0.38	0.38
23 C	442 C
0.00	0.00
0.38	0.38

G - F	F - S
0.24	0.29
2694 C	2269 C
0.24	0.23
0.00	0.06

J - A	A - Y	Y - Z	Z - O	O - B	B - I	I - P	P - W	X - W	W - C	C - H	H - R	H - D	L - D	L - S	F - U	U - T	T - V
0.10	0.49	0.07	0.35	0.08	0.20	0.03	0.43	0.04	0.17	0.03	0.04	0.26	0.38	0.43	0.62	0.65	0.04
1065 C	2684 T	811 C	1928 T	937 C	1672 C	197 T	836 C	258 C	928 T	112 T	237 C	1416 T	1095 C	2343 T	1399 C	828 C	274 C

TL Defl	LL Defl	Hx Disp	Jt G	Shear
-0.52"	-0.25"	LL	0.05"	// Grain
in I - W	in I - W	DL	0.05"	in O - I
L/759	L/999	TL	0.09"	0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y
A LOCK	5.0x 5.0	Ctr	Ctr
Z LOCK	3.0x 7.0	Ctr	Ctr
B LOCK	6.0x 6.0	Ctr	Ctr
P LOCK	3.0x 7.0	Ctr	Ctr
X LOCK	2.0x 4.0	Ctr	Ctr
C LOCK	5.0x 7.0	0.8-3.2	0.79
R LOCK	2.0x 4.0	Ctr	Ctr
D LOCK	5.0x 9.0	0.8-3.5	0.78
S LOCK	3.0x 7.0	Ctr	Ctr
U LOCK	5.0x 7.0	0.2 0.5	0.86
V LOCK	2.0x 4.0	Ctr	Ctr
E LOCK	4.0x 6.0	Ctr	Ctr
J LOCK	2.0x 4.0	Ctr	Ctr
Y LOCK	3.0x 7.0	Ctr	Ctr
O LOCK	3.0x 7.0	Ctr	Ctr
I LOCK	5.0x 9.0	0.9 3.0	0.86
W LOCK	4.0x 8.0	Ctr	Ctr
H# LOCK	8.0x10.0	Ctr	Ctr
L LOCK	4.0x 6.0	Ctr	Ctr
F# LOCK	8.0x10.0	0.2 1.0	0.75

G LOCK	T LOCK
3.0x 4.0	4.0x 8.0
Ctr	Ctr
0.71	0.56

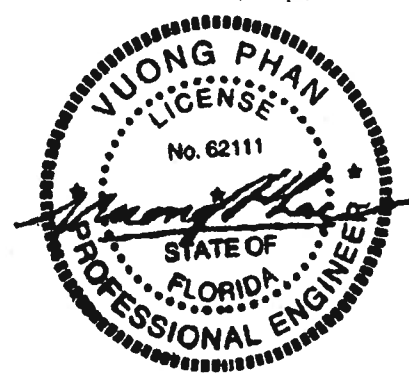
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

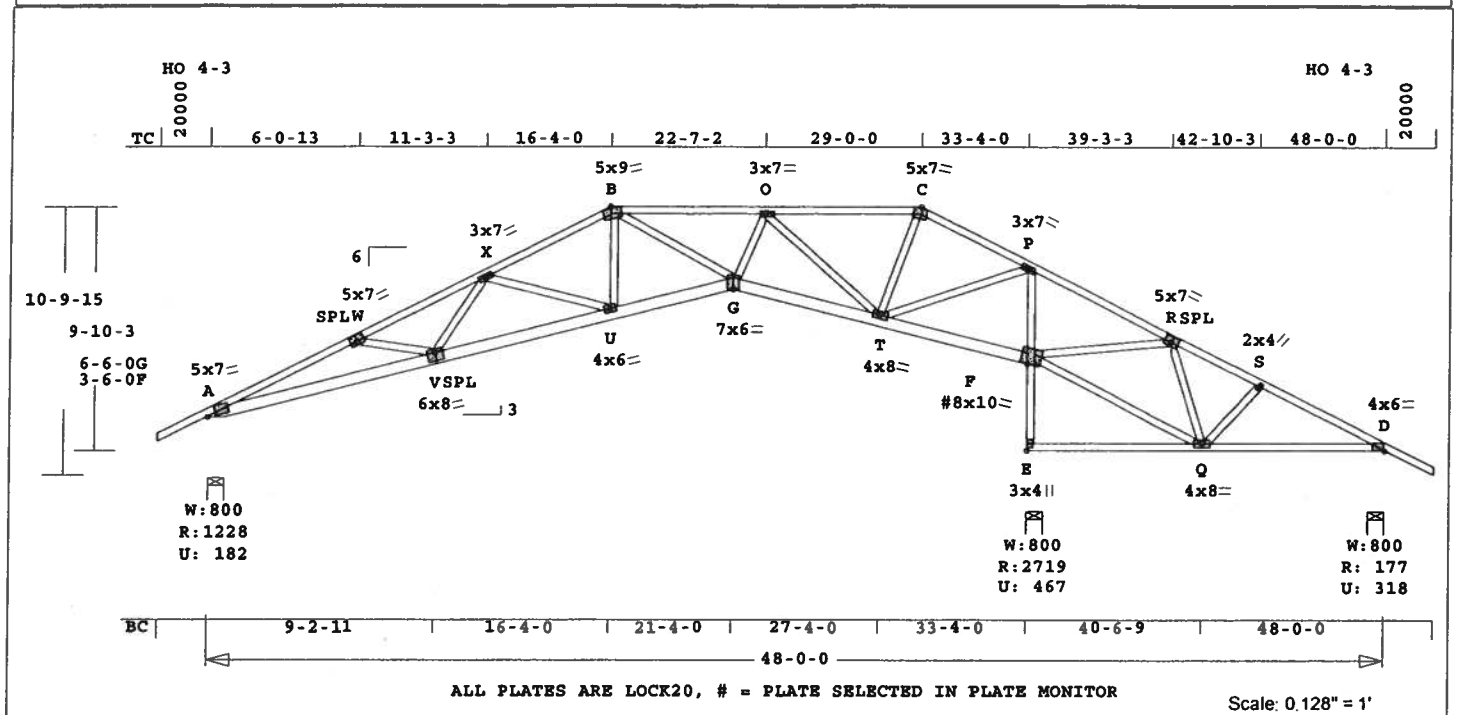


Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A6	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 User-defined wind-exposed BC
 regions --From-- ---To---
 33- 4- 0 48- 0- 0
 Max comp. force 4306 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A7	1	SP	480000	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.128" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 363.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	----	Lumber-----
TC	0.73	2x 4	SP-#2	
BC	0.51	2x 6	SP-#2	
EX E -D	2x 4	SP-#2		
CW	0.29	2x 4	SP-#2	
WB	0.97	2x 4	SP-#2	

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0	
BC Cont.	0- 0- 0	48- 0- 0	

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1229	182	8- 0	1- 8
			Hx =	-196
E	2720	467	8- 0	3- 1
D	177	318	8- 0	1- 8
			Hx =	199

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -W	0.26	3434	C	0.11	0.15
W -X	0.38	2976	C	0.11	0.27
X -B	0.28	1938	C	0.02	0.26
B -O	0.45	1742	C	0.01	0.44
O -C	0.44	77	T	0.00	0.44
C -P	0.33	115	C	0.00	0.33
P -R	0.73	2357	T	0.40	0.33
R -S	0.32	559	T	0.10	0.22
S -D	0.29	523	T	0.07	0.22
-----Bottom Chords-----					
A -V	0.51	3158	T	0.38	0.13
V -U	0.41	2527	T	0.30	0.11
U -G	0.25	1772	T	0.21	0.04
G -T	0.23	1419	T	0.17	0.06
T -F	0.11	2164	C	0.00	0.11
E -Q	0.38	23	C	0.00	0.38
Q -D	0.38	453	C	0.00	0.38

-----Chord-Webs-----					
E -F	0.24	2667	C	0.24	0.00
F -P	0.29	2221	C	0.22	0.07
-----Webs-----					
W -V	0.07	411	C		
V -X	0.07	518	T		
X -U	0.28	746	C		
U -B	0.09	540	T		
B -G	0.01	102	T		
G -O	0.17	927	T		
O -T	0.97	1882	C		
T -C	0.07	248	C		
T -P	0.42	2324	T		
F -R	0.62	1405	C		
F -Q	0.61	770	C		
R -Q	0.13	753	T		
Q -S	0.04	262	C		

TL Defl	-0.40"	in V -U	L/970
LL Defl	-0.20"	in V -U	L/999
Hx Disp	LL	DL	TL
Jt E	0.10"	0.10"	0.20"
Shear //	Grain	in B -O	0.28

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt	Size	X	Y	JSI
A	LOCK	5.0x	7.0	Ctr	Ctr	0.90
W	LOCK	5.0x	7.0	0.2	0.5	0.86
X	LOCK	3.0x	7.0	Ctr	Ctr	0.52
B	LOCK	5.0x	9.0	0.8	3.5	0.76
O	LOCK	3.0x	7.0	1.0	Ctr	0.59
C	LOCK	5.0x	7.0	0.8	3.2	0.75
P	LOCK	3.0x	7.0	Ctr	Ctr	0.97
R	LOCK	5.0x	7.0	0.2	0.5	0.86
S	LOCK	2.0x	4.0	Ctr	Ctr	0.52
D	LOCK	4.0x	6.0	Ctr	0.1	0.81
V	LOCK	6.0x	8.0	0.3	1.2	0.69
U	LOCK	4.0x	6.0	Ctr	Ctr	0.48
G	LOCK	7.0x	6.0	Ctr	2.2	0.64
T	LOCK	4.0x	8.0	Ctr	Ctr	0.98
F#	LOCK	8.0x	10.0	0.2	0.9	0.75
E	LOCK	3.0x	4.0	Ctr	Ctr	0.70
Q	LOCK	4.0x	8.0	Ctr	Ctr	0.56

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 5.0x 7.0 Ctr Ctr 0.90

W LOCK 5.0x 7.0 0.2 0.5 0.86

X LOCK 3.0x 7.0 Ctr Ctr 0.52

B LOCK 5.0x 9.0 0.8 3.5 0.76

O LOCK 3.0x 7.0 1.0 Ctr 0.59

C LOCK 5.0x 7.0 0.8 3.2 0.75

P LOCK 3.0x 7.0 Ctr Ctr 0.97

R LOCK 5.0x 7.0 0.2 0.5 0.86

S LOCK 2.0x 4.0 Ctr Ctr 0.52

D LOCK 4.0x 6.0 Ctr 0.1 0.81

V LOCK 6.0x 8.0 0.3 1.2 0.69

U LOCK 4.0x 6.0 Ctr Ctr 0.48

G LOCK 7.0x 6.0 Ctr 2.2 0.64

T LOCK 4.0x 8.0 Ctr Ctr 0.98

F# LOCK 8.0x 10.0 0.2 0.9 0.75

E LOCK 3.0x 4.0 Ctr Ctr 0.70

Q LOCK 4.0x 8.0 Ctr Ctr 0.56

= Plate Monitor used

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

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

Prevent truss rotation at all
bearing locations.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

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

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

User-defined wind-exposed BC

regions --From-- --To--

33- 4- 0 48- 0- 0

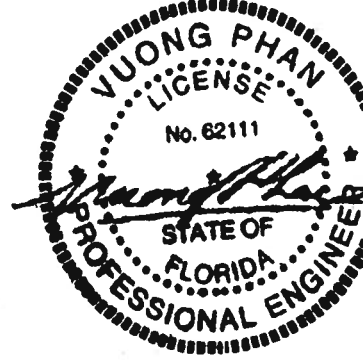
Max comp. force 3434 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

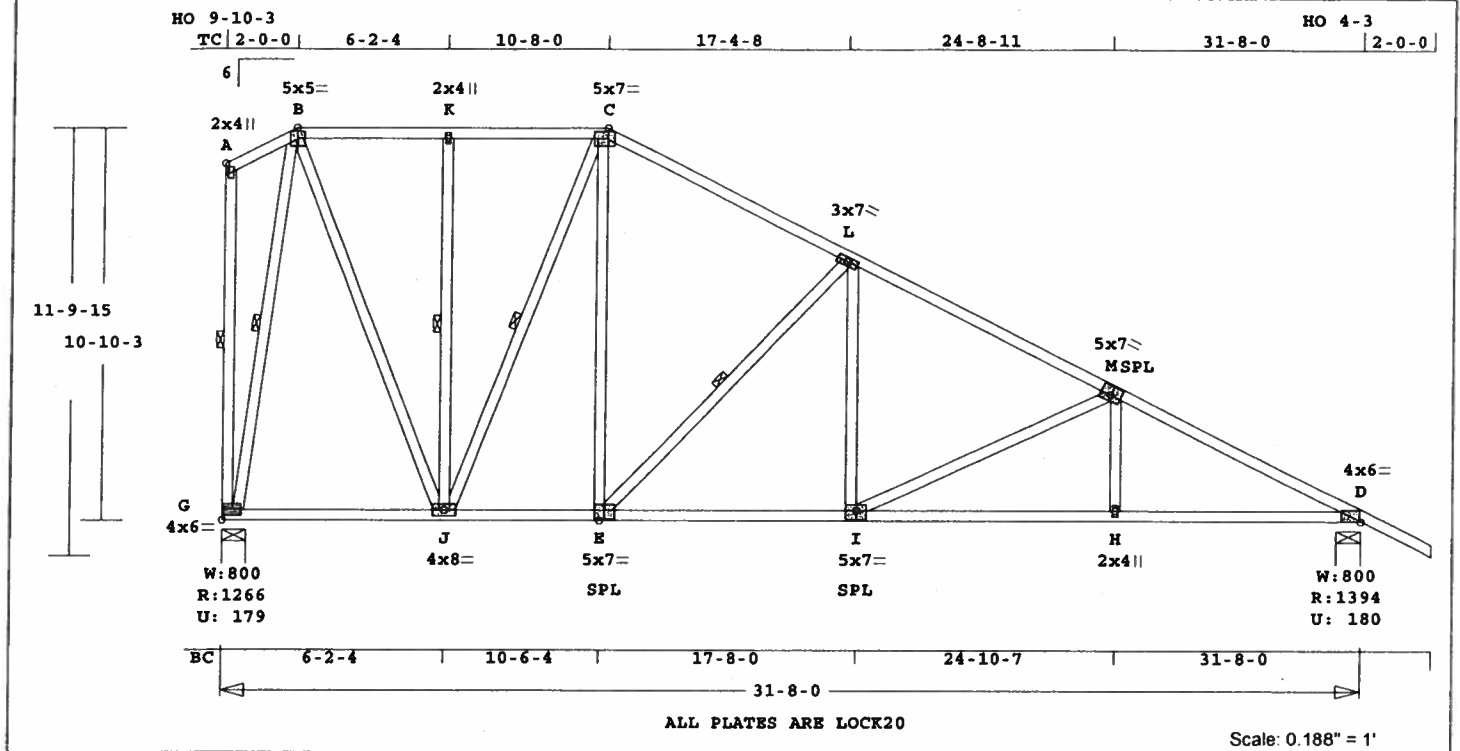
License #: 62111

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A8	1	HIPP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 299.1 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.51 2x 4 SP-#2
BC 0.50 2x 4 SP-#2
WB 0.51 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on G -A
WB 1 rows CLB on G -B
WB 1 rows CLB on J -K
WB 1 rows CLB on J -C
WB 1 rows CLB on E -L
Attach CLB with (2)-10d nails
at each web.

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
G 1267 180 8- 0 1- 8
Hz = -360
D 1395 180 8- 0 1-10
Hz = 180

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -B 0.10 143 C 0.00 0.10
B -K 0.16 593 C 0.00 0.16
K -C 0.16 593 C 0.00 0.16
C -L 0.50 951 C 0.00 0.50
L -M 0.51 1584 C 0.01 0.50

M -D 0.44 2228 C 0.02 0.42
-----Bottom Chords-----
G -J 0.20 253 T 0.01 0.19
J -E 0.27 834 T 0.08 0.19
E -I 0.43 1419 T 0.14 0.29
I -H 0.50 1999 T 0.33 0.17
H -D 0.45 1999 T 0.33 0.12
-----Webs-----
G -A 0.27 94 C WindLd 1 Br
G -B 0.42 1135 C 1 Br
B -J 0.21 1047 T
J -K 0.09 263 C 1 Br
J -C 0.26 635 C 1 Br
E -C 0.12 692 T
E -L 0.27 825 C 1 Br
I -L 0.07 508 T
I -M 0.51 640 C
H -M 0.04 278 T

TL Defl -0.20" in I -H L/999
LL Defl -0.08" in I -H L/999
Shear // Grain in C -L 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.45
B LOCK 5.0x 5.0 Ctr-0.2 0.94
K LOCK 2.0x 4.0 Ctr Ctr 0.42
C LOCK 5.0x 7.0 0.5-0.1 0.89
L LOCK 3.0x 7.0 Ctr Ctr 0.46
M LOCK 5.0x 7.0 0.2 0.5 0.69
D LOCK 4.0x 6.0 Ctr 0.1 0.65
G LOCK 4.0x 6.0 Ctr Ctr 0.67
J LOCK 4.0x 8.0 Ctr Ctr 0.51
E LOCK 5.0x 7.0 Ctr-0.5 0.70
I LOCK 5.0x 7.0 Ctr-0.5 0.70
H LOCK 2.0x 4.0 Ctr Ctr 0.42

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

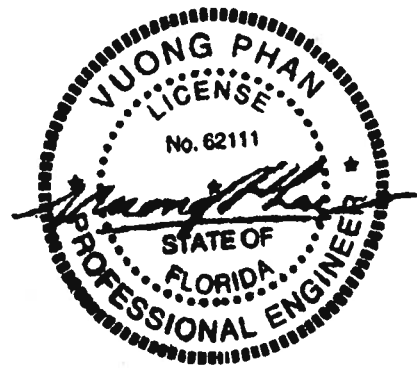
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

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

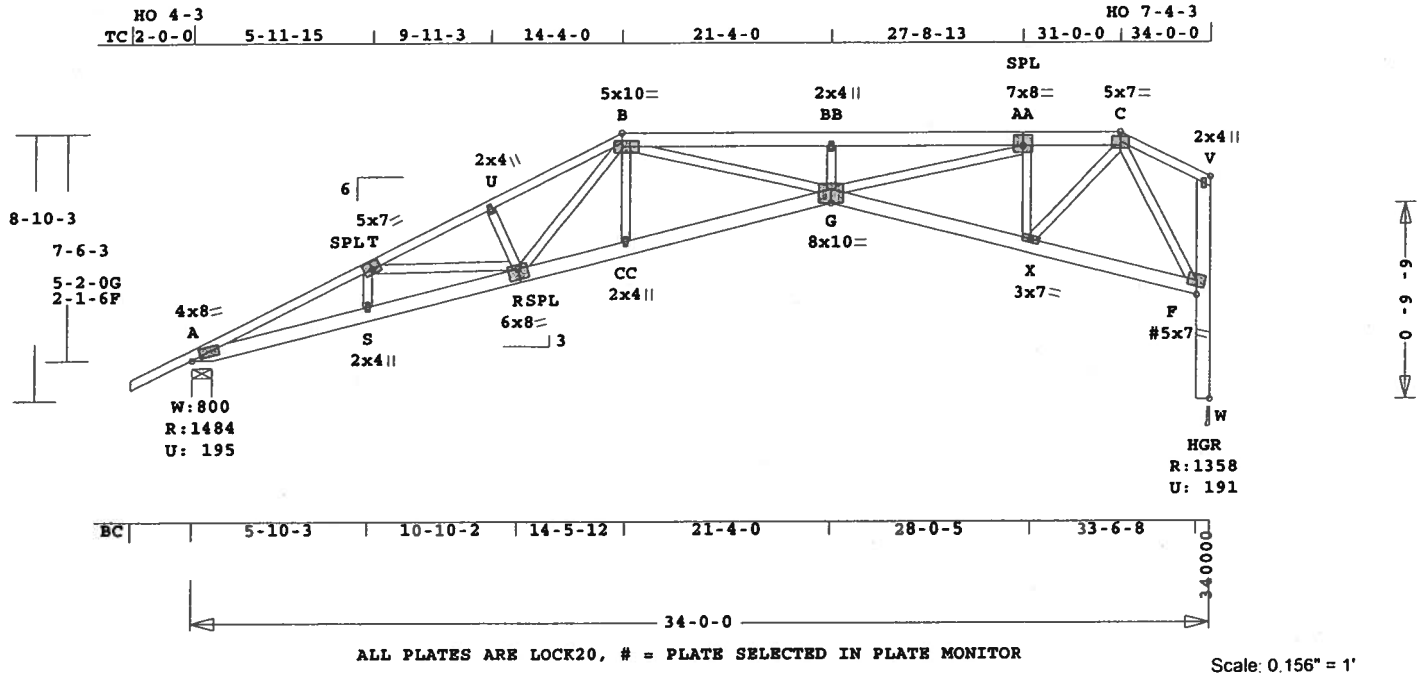
OH Loading
Soffit psf 2.0
Provide connection to bearing
for 360 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2228 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A9	1	SP	340000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.156" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 290.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC	0.43	2x 4	SP-#2
EX B -AA	2x 6	SP-#2	
EX AA-C	2x 6	SP-#2	
BC	0.71	2x 6	SP-#2
WB	0.74	2x 4	SP-#2
EX F -V	2x 6	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
A	1485	195	8- 0	1-12
			Hx =	252
W	1359	192	3- 8	1- 8
			Hx =	-129

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -T	0.43	4361 C	0.20 0.23
T -U	0.31	3929 C	0.14 0.17
U -B	0.27	3822 C	0.13 0.14
B -BB	0.49	5879 C	0.13 0.36
BB-AA	0.43	5879 C	0.12 0.31
AA-C	0.23	1956 C	0.01 0.22
C -V	0.33	136 C	0.00 0.33
-----Bottom Chords-----			
A -S	0.70	3990 T	0.48 0.22
S -R	0.71	4019 T	0.48 0.23
R -CC	0.45	3072 T	0.37 0.08
CC-G	0.44	3057 T	0.36 0.08

G -X	0.42	2004 T	0.24 0.18
X -F	0.22	822 T	0.10 0.12
-----Webs-----			
S -T	0.01	113 T	
T -R	0.11	372 C	
U -R	0.02	229 C	
R -B	0.12	703 T	
CC-B	0.04	270 T	
B -G	0.54	2973 T	
G -BB	0.02	299 C	
G -AA	0.74	4046 T	
X -AA	0.21	1327 C	
X -C	0.31	1681 T	
C -F	0.55	1443 C	
F -V	0.19	257 C	0.00 0.19
W -F	0.40	1358 C	0.00 0.40

TL Defl	-0.85"	in CC-G	L/467
LL Defl	-0.42"	in CC-G	L/953
Hx Disp	LL	DL	TL
Jt W	0.38"	0.39"	0.77"
Shear //	Grain	in C -V	0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 8.0	Ctr	Ctr	0.93
T	LOCK	5.0x 7.0	0.2	0.5	0.72
U	LOCK	2.0x 4.0	Ctr	Ctr	0.44
B	LOCK	5.0x10.0	Ctr	Ctr	0.99
BB	LOCK	2.0x 4.0	Ctr	Ctr	0.44
AA	LOCK	7.0x 8.0	Ctr	0.8	0.97
C	LOCK	5.0x 7.0	Ctr	0.3	0.85
V	LOCK	2.0x 4.0	Ctr	Ctr	0.78
S	LOCK	2.0x 4.0	Ctr	Ctr	0.44
R	LOCK	6.0x 8.0	0.3-1.2	0.82	
CC	LOCK	2.0x 4.0	Ctr	Ctr	0.44
G	LOCK	8.0x10.0	Ctr	1.7	0.82
X	LOCK	3.0x 7.0	Ctr	Ctr	0.86
F#	LOCK	5.0x 7.0	Ctr	Ctr	0.73

= Plate Monitor used

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

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

NOTES:

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

OH Loading

Soffit psf 2.0

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

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

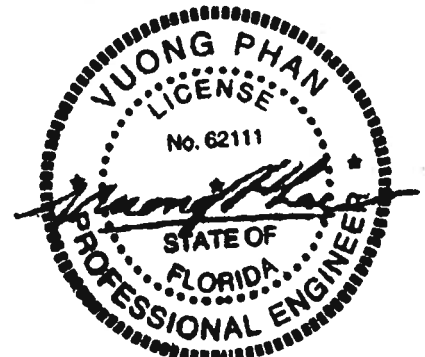
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 5879 Lbs

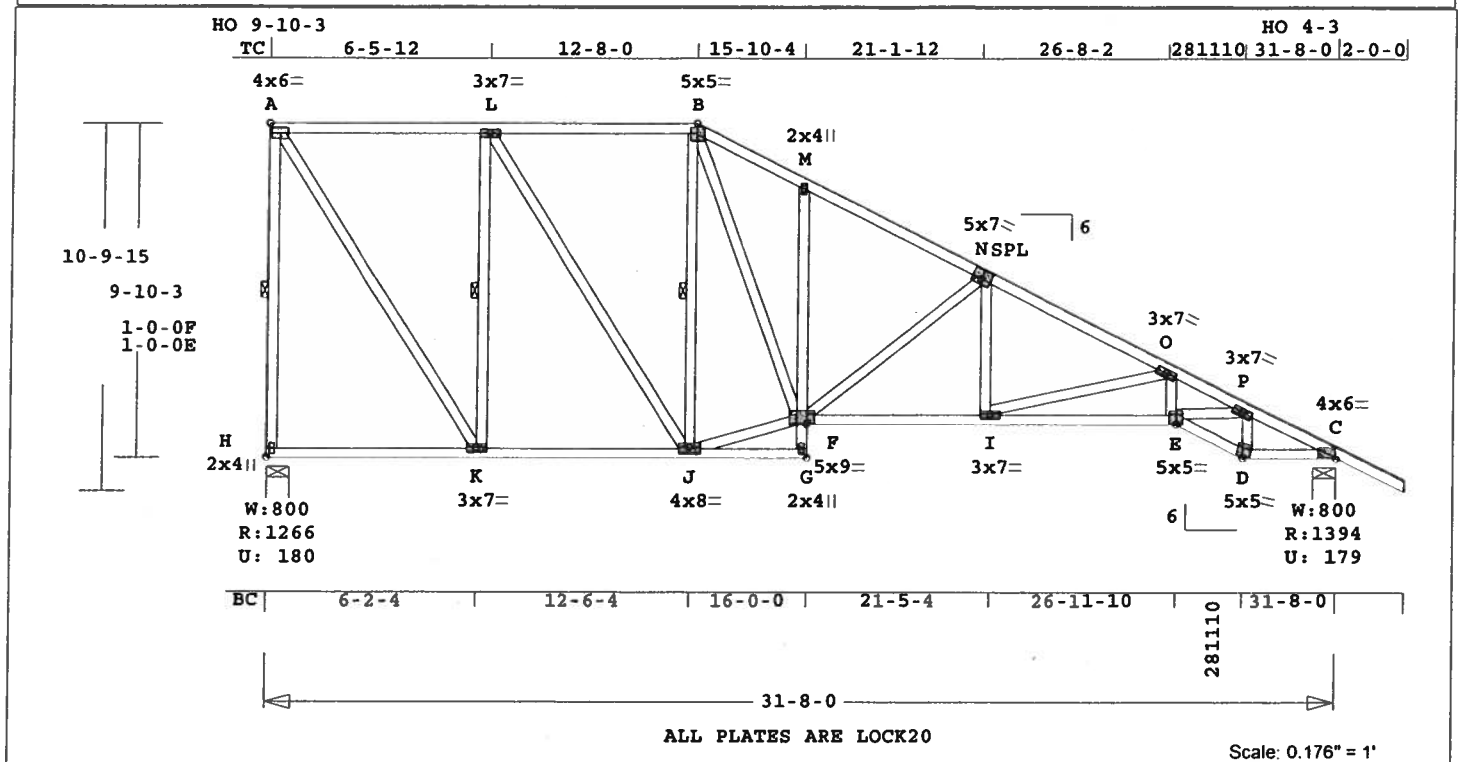
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A10	1	SP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 298.4 LBS

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.49 2x 4 SP-#2
BC 0.75 2x 4 SP-#2
CW 0.09 2x 4 SP-#2
WB 0.58 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on H -A
WB 1 rows CLB on K -L
WB 1 rows CLB on J -B
Attach CLB with (2)-10d nails
at each web.

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	180	8- 0	1- 8
			Hz =	-340
C	1395	180	8- 0	1-10
			Hz =	159

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -L 0.49 689 C 0.00 0.49
L -B 0.49 991 C 0.00 0.49
B -M 0.24 1582 C 0.01 0.23
M -N 0.35 1607 C 0.01 0.34
N -O 0.37 2334 C 0.03 0.34
O -P 0.20 3986 C 0.11 0.09
P -C 0.17 2363 C 0.04 0.13
-----Bottom Chords-----
H -K 0.25 268 T 0.00 0.25
K -J 0.32 688 T 0.07 0.25
J -G 0.14 25 C 0.00 0.14
F -I 0.44 2099 T 0.35 0.09

I -E	0.73	3504	T	0.58	0.15
E -D	0.75	2266	T	0.38	0.37
D -C	0.45	2087	T	0.35	0.10
-----Chord-Webs-----					
G -F	0.04	38	T	0.00	0.04
F -M	0.09	209	C	0.01	0.08
-----Webs-----					
H -A	0.37	1214	C	WindLd	1 Br
A -K	0.29	1267	T		
K -L	0.28	923	C		1 Br
L -J	0.13	556	T		
J -B	0.20	655	C		1 Br
J -F	0.18	1023	T		
B -F	0.21	1174	T		
F -N	0.49	850	C		
I -N	0.08	505	T		
I -O	0.58	1452	C		
E -O	0.16	879	T		
E -P	0.27	1493	T		
D -P	0.08	886	C		

TL Defl -0.32" in F -I L/999
LL Defl -0.15" in F -I L/999
Hz Disp LL DL TL
Jt C 0.08" 0.08" 0.15"
Shear // Grain in A -L 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area				
Plate - RHS 20 Ga, Gross Area				
Jt Type	Plt Size	X	Y	JSI
A LOCK	4.0x 6.0	Ctr	Ctr	0.67
L LOCK	3.0x 7.0	Ctr	Ctr	0.48
B LOCK	5.0x 5.0	Ctr	Ctr	0.94
M LOCK	2.0x 4.0	Ctr	Ctr	0.24
N LOCK	5.0x 7.0	0.2	0.5	0.69
O LOCK	3.0x 7.0	Ctr	Ctr	0.46
P LOCK	3.0x 7.0	Ctr	Ctr	0.45
C LOCK	4.0x 6.0	Ctr	Ctr	0.65
H LOCK	2.0x 4.0	Ctr	Ctr	0.45
K LOCK	3.0x 7.0	Ctr	Ctr	0.66
J LOCK	4.0x 8.0	Ctr	Ctr	0.52
G LOCK	2.0x 4.0	Ctr	Ctr	0.58
F LOCK	5.0x 9.0	Ctr	Ctr	0.71
I LOCK	3.0x 7.0	Ctr	Ctr	0.84
E LOCK	5.0x 5.0	Ctr	Ctr	0.66
D LOCK	5.0x 5.0	0.7	3.0	0.60

REVIEWED BY:
Robbins Engineering, Inc.

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

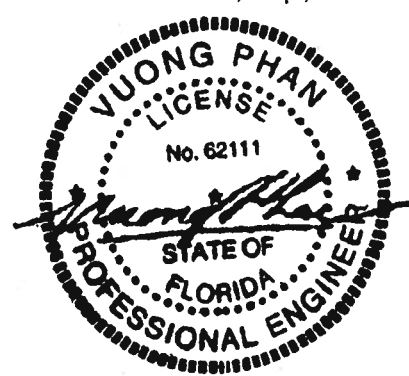
NOTES:

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

OH Loading

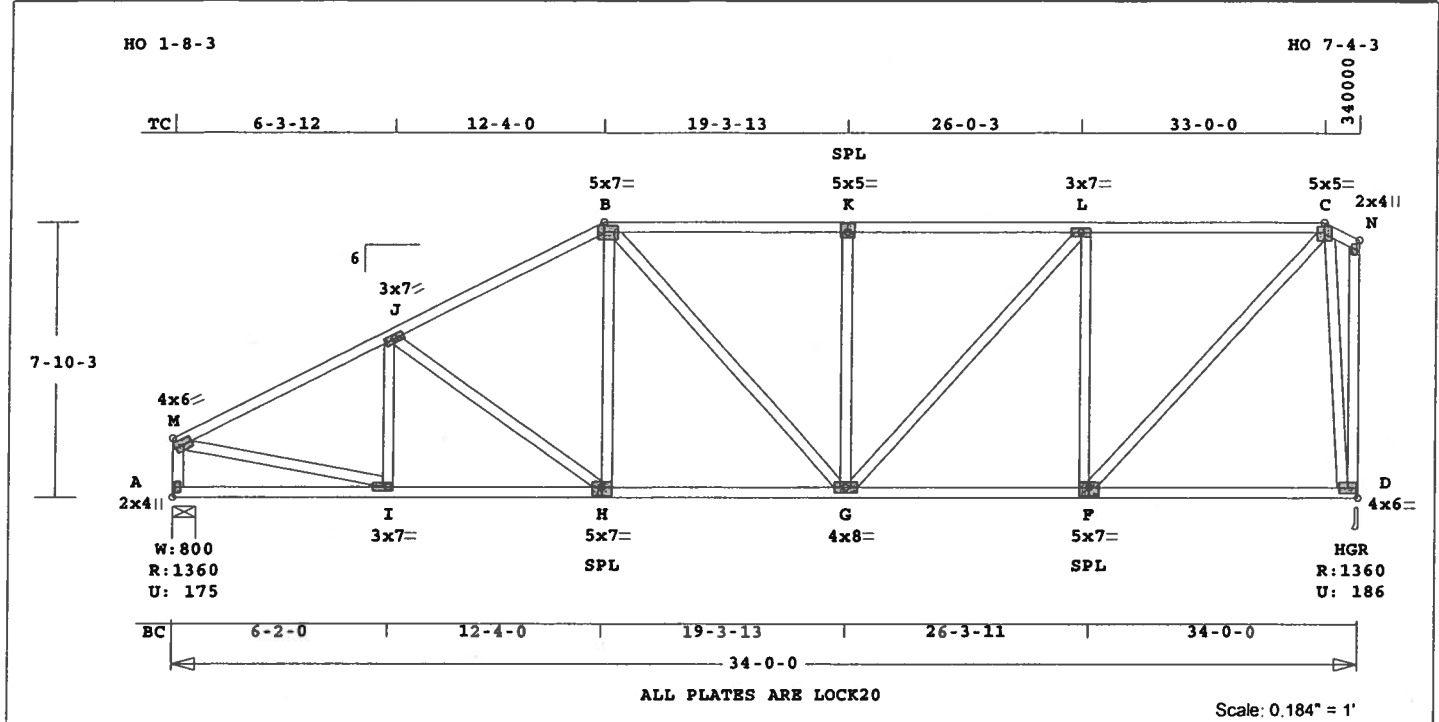
Soffit psf 2.0
Provide connection to bearing
for 340 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3986 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A11	1	SP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 290.7 LBS

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.47 2x 4 SP-#2
BC 0.47 2x 4 SP-#2
WB 0.84 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 0- 0
BC Cont. 0- 0- 0 34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1360	176	8- 0	1-10
			Hz =	-145
D	1360	187	3- 8	1-10
			Hz =	255

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
M -J	0.41	1727 C	0.04	0.37
J -B	0.40	1592 C	0.01	0.39
B -K	0.47	1517 C	0.01	0.46
K -L	0.47	1517 C	0.01	0.46
L -C	0.43	1105 C	0.00	0.43
C -N	0.12	113 C	0.00	0.12
-----Bottom Chords-----				
A -I	0.22	127 T	0.00	0.22
I -H	0.39	1559 T	0.26	0.13

H -G	0.36	1416 T	0.23	0.13
G -F	0.47	1105 T	0.11	0.36
F -D	0.37	184 T	0.01	0.36

-----Webs-----				
A -M	0.12	1307 C	WindLd	
M -I	0.29	1603 T		
I -J	0.06	241 C		
J -H	0.12	171 C		
H -B	0.05	331 T		
B -G	0.09	149 T		
G -K	0.31	436 C		
G -L	0.11	613 T		
F -L	0.62	872 C		
F -C	0.26	1427 T		
C -D	0.84	1175 C		
D -N	0.18	134 C	WindLd	

TL Defl -0.23" in F -D L/999
LL Defl -0.11" in F -D L/999
Shear // Grain in B -K 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

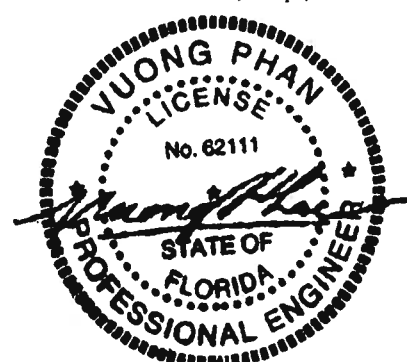
Plate - LOCK 20 Ga, Gross Area	
Plate - RHS 20 Ga, Gross Area	
Jt Type	Plt Size X Y JSI
M LOCK	4.0x 6.0 0.1 Ctr 0.71
J LOCK	3.0x 7.0 Ctr Ctr 0.40
B LOCK	5.0x 7.0-0.5-0.1 0.92
K LOCK	5.0x 5.0 Ctr 0.5 0.73
L LOCK	3.0x 7.0 Ctr Ctr 0.46
C LOCK	5.0x 5.0 Ctr-0.2 0.97
N LOCK	2.0x 4.0 Ctr Ctr 0.47
A LOCK	2.0x 4.0 Ctr Ctr 0.47
I LOCK	3.0x 7.0 Ctr Ctr 0.85
H LOCK	5.0x 7.0 Ctr-0.5 0.73
G LOCK	4.0x 8.0 Ctr Ctr 0.42
F LOCK	5.0x 7.0 Ctr-0.5 0.73
D LOCK	4.0x 6.0 Ctr Ctr 0.71

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1727 Lbs
Quality Control Factor 1.25

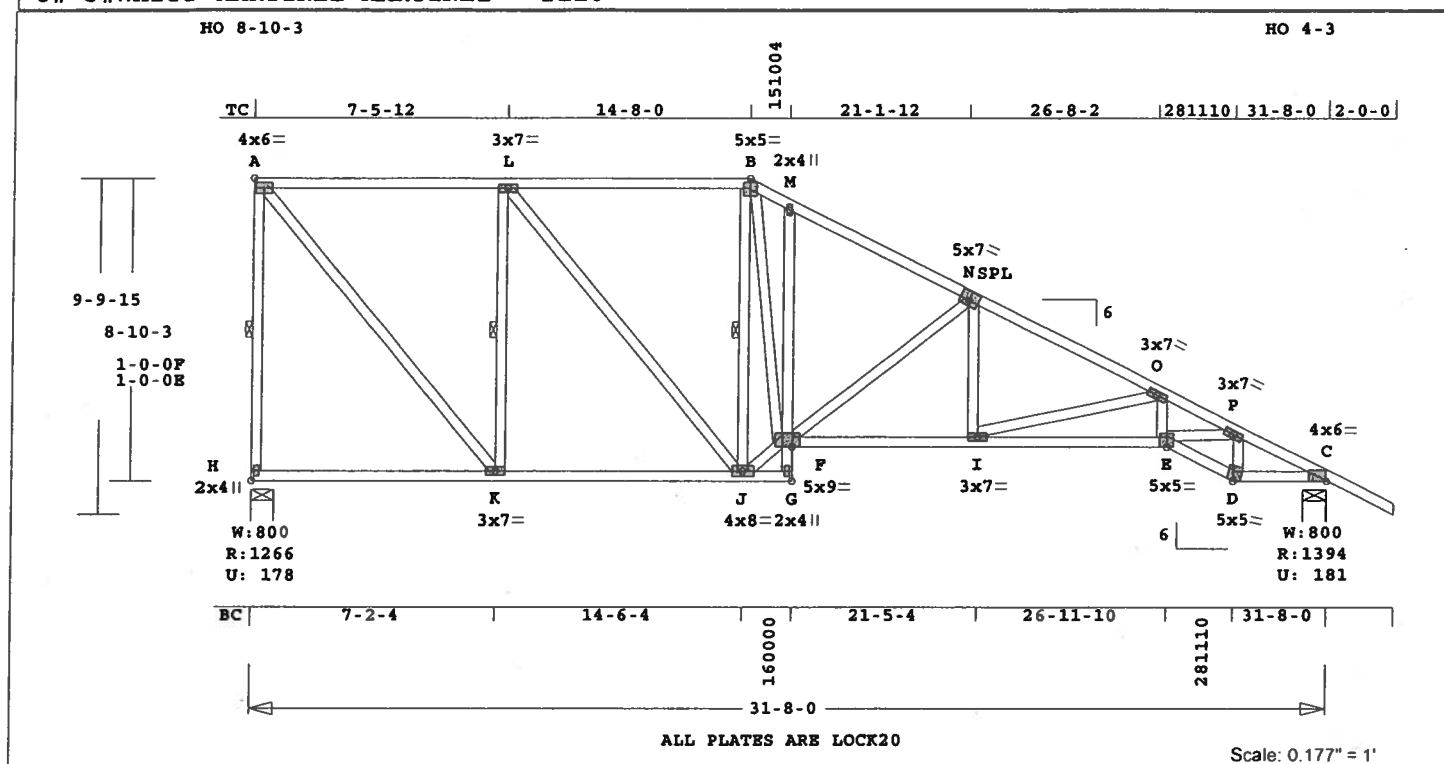
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



REVIEWED BY:
Robbins Engineering, Inc.

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A12	1	SP	310800	6	0	2-0-0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.7 LBS

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.65 2x 4 SP-#2
BC 0.76 2x 4 SP-#2
CW 0.11 2x 4 SP-#2
WB 0.58 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on H -A
WB 1 rows CLB on K -L
WB 1 rows CLB on J -B
Attach CLB with (2)-10d nails
at each web.

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
H 1267 178 8- 0 1- 8
Hz = -304
C 1395 182 8- 0 1-10
Hz = 143

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -L 0.65 866 C 0.00 0.65
L -B 0.65 1163 C 0.00 0.65
B -M 0.24 1552 C 0.01 0.23
M -N 0.36 1603 C 0.01 0.35
N -O 0.38 2336 C 0.03 0.35
O -P 0.20 3986 C 0.11 0.09
P -C 0.17 2363 C 0.04 0.13
-----Bottom Chords-----
H -K 0.34 239 T 0.00 0.34
K -J 0.43 866 T 0.09 0.34
J -G 0.22 56 T 0.00 0.22
F -I 0.46 2102 T 0.35 0.11

I -E 0.73 3503 T 0.58 0.15
E -D 0.76 2267 T 0.38 0.38
D -C 0.45 2088 T 0.35 0.10
-----Chord-Webs-----
G -F 0.11 78 C 0.00 0.11
F -M 0.11 95 C 0.00 0.11
-----Webs-----
H -A 0.30 1205 C WindLd 1 Br
A -K 0.29 1346 T
K -L 0.21 871 C 1 Br
L -J 0.10 462 T
J -B 0.26 1047 C 1 Br
J -F 0.25 1406 T
B -F 0.27 1476 T
F -N 0.49 859 C
I -N 0.08 509 T
I -O 0.58 1449 C
E -O 0.16 878 T
E -P 0.27 1492 T
D -P 0.08 886 C

TL Defl -0.33" in F -I L/999
LL Defl -0.16" in F -I L/999
Hz Disp LL DL TL
Jt C 0.08" 0.08" 0.17"
Shear // Grain in A -L 0.34

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.67
L LOCK 3.0x 7.0 Ctr Ctr 0.46
B LOCK 5.0x 5.0 Ctr-0.2 0.94
M LOCK 2.0x 4.0 Ctr Ctr 0.24
N LOCK 5.0x 7.0 0.2 0.5 0.69
O LOCK 3.0x 7.0 Ctr Ctr 0.46
P LOCK 3.0x 7.0 Ctr Ctr 0.45
C LOCK 4.0x 6.0 Ctr 0.1 0.65
H LOCK 2.0x 4.0 Ctr Ctr 0.45
K LOCK 3.0x 7.0 Ctr Ctr 0.60
J LOCK 4.0x 8.0 Ctr Ctr 0.58
G LOCK 2.0x 4.0 Ctr Ctr 0.58
F LOCK 5.0x 9.0 Ctr 0.7 0.60
I LOCK 3.0x 7.0 Ctr Ctr 0.84
E LOCK 5.0x 5.0 Ctr-1.0 0.66
D LOCK 5.0x 5.0 0.7 3.0 0.60

REVIEWED BY:
Robbins Engineering, Inc.

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

Provide connection to bearing
for 304 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

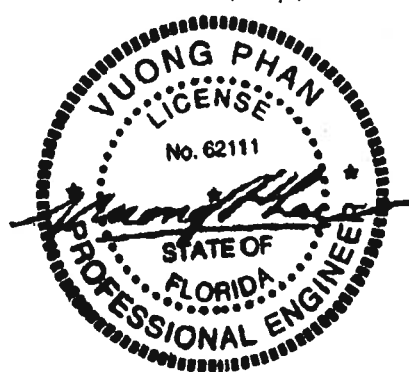
Max comp. force 3986 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

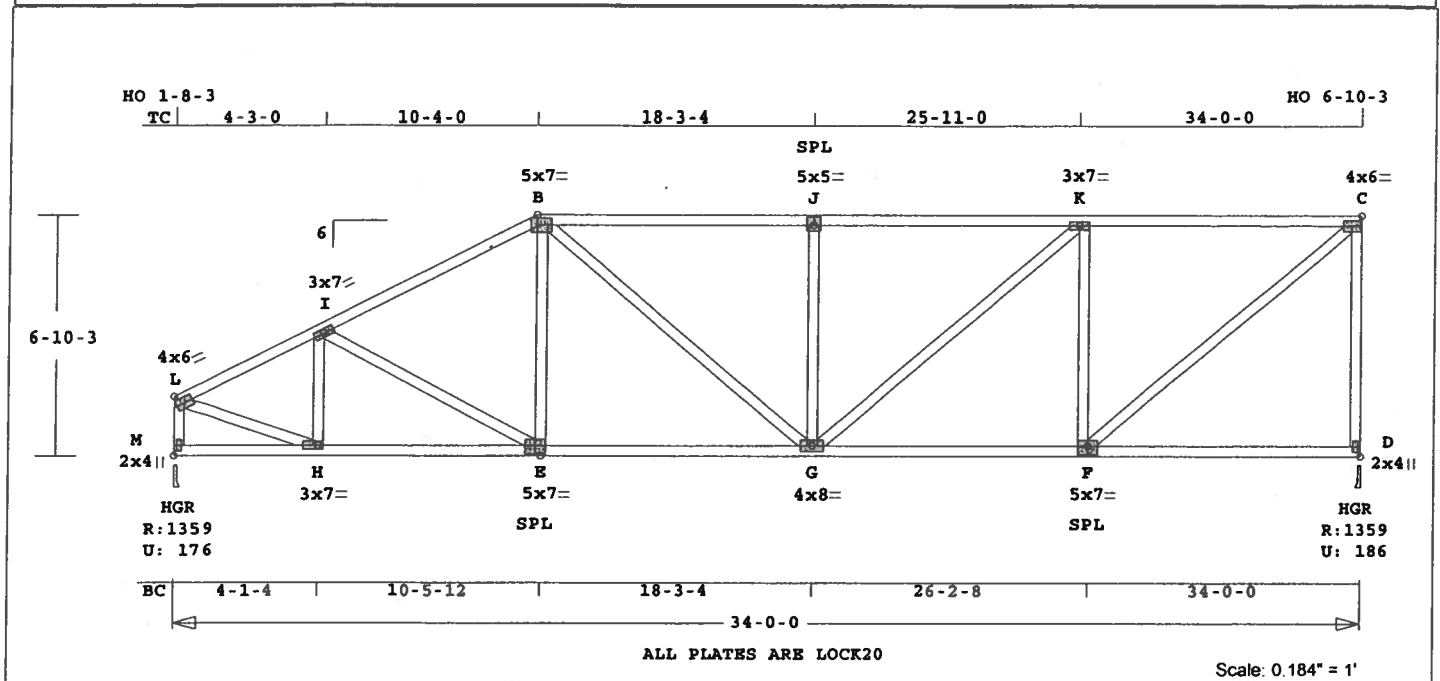
License #: 62111

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A13	1	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



ALL PLATES ARE LOCK20

Scale: 0.184" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 262.3 LBS

F -D 0.39 177 T 0.00 0.39
-----Webs-----

ADDITIONAL SPECIFICATIONS.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.67 2x 4 SP-#2
BC 0.52 2x 4 SP-#2
WB 0.69 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 0- 0
BC Cont. 0- 0- 0 34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
M	1360	176	3- 8	1-10
			Hx =	-126
D	1360	186	3- 8	1-10
			Hx =	227

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
L -I	0.27	1579 C	0.01	0.26
I -B	0.31	1684 C	0.01	0.30
B -J	0.58	1784 C	0.01	0.57
J -K	0.67	1784 C	0.01	0.66
K -C	0.67	1306 C	0.01	0.66
-----Bottom Chords-----				
M -H	0.14	108 T	0.00	0.14
H -E	0.42	1427 T	0.14	0.28
E -G	0.45	1506 T	0.15	0.30
G -F	0.52	1306 T	0.13	0.39

TL Defl -0.24" in F -D L/999
LL Defl -0.11" in F -D L/999
Shear // Grain in K -C 0.36

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

L LOCK 4.0x 6.0 0.1 Ctr 0.71

I LOCK 3.0x 7.0 Ctr Ctr 0.40

B LOCK 5.0x 7.0-0.5-0.1 0.92

J LOCK 5.0x 5.0 Ctr 0.5 0.73

K LOCK 3.0x 7.0 Ctr Ctr 0.43

C LOCK 4.0x 6.0 Ctr Ctr 0.71

M LOCK 2.0x 4.0 Ctr Ctr 0.47

H LOCK 3.0x 7.0 Ctr Ctr 0.50

E LOCK 5.0x 7.0 Ctr-0.5 0.73

G LOCK 4.0x 8.0 Ctr Ctr 0.42

F LOCK 5.0x 7.0 Ctr-0.5 0.73

D LOCK 2.0x 4.0 Ctr Ctr 0.47

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

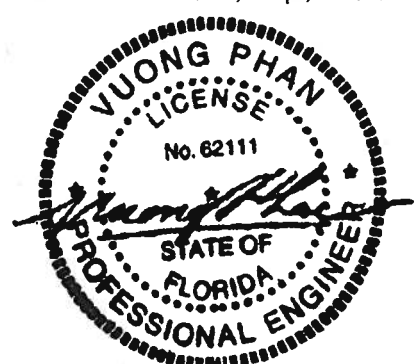
TC Dead Load : 5.0 psf

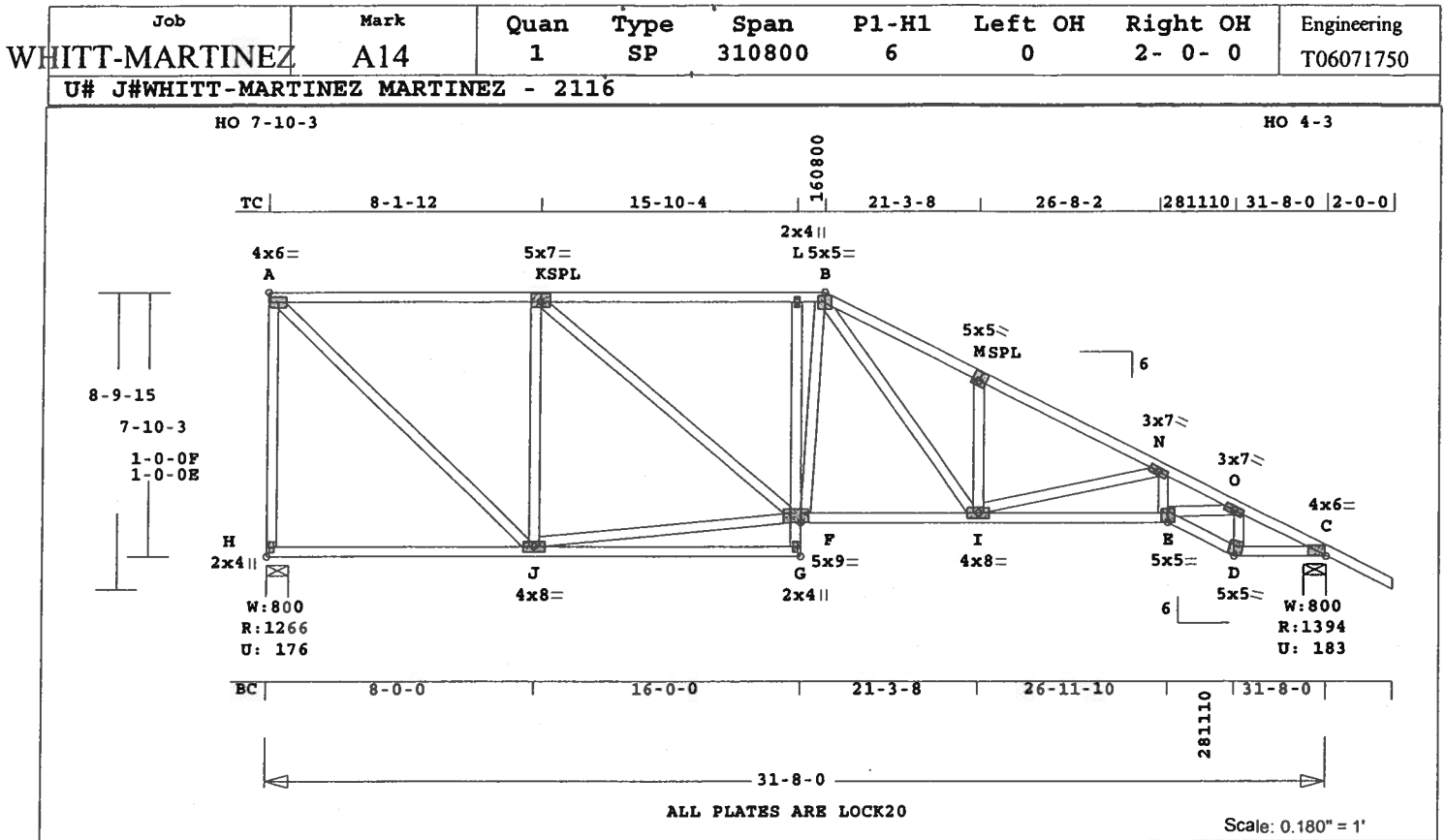
BC Dead Load : 5.0 psf

Max comp. force 1784 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 274.3 LBS

D -C 0.45 2085 T 0.35 0.10

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

-----Chord-Webs-----

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

CSI -Size- ----Lumber-----
TC 0.74 2x 4 SP-#2
BC 0.76 2x 4 SP-#2
CW 0.18 2x 4 SP-#2
WB 0.86 2x 4 SP-#2

G -F 0.04 118 T 0.01 0.03

F -L 0.18 510 C 0.08 0.10

-----Webs-----

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

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0

H -A 0.86 1203 C WindLd

A -J 0.29 1458 T

J -K 0.67 947 C

J -F 0.19 1040 T

K -F 0.11 622 T

F -B 0.06 356 T

B -I 0.18 1008 T

I -M 0.07 331 C

I -N 0.59 1478 C

E -N 0.16 877 T

E -O 0.27 1508 T

D -O 0.08 884 C

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3997 Lbs
Quality Control Factor 1.25

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

TL Defl -0.33" in J -G L/999
LL Defl -0.15" in F -I L/999
Hz Disp LL DL TL
Jt C 0.07" 0.07" 0.14"
Shear // Grain in L -B 0.39

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

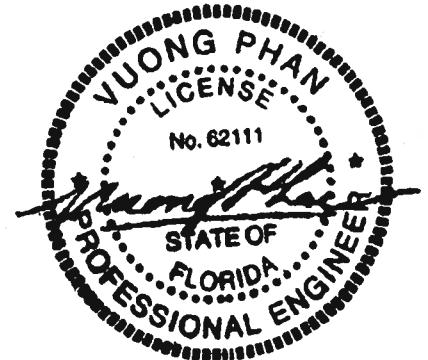
Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
H 1267 176 8- 0 1- 8
C 1395 184 8- 0 1-10
Hz = -267
Hz = 126

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.67
K LOCK 5.0x 7.0 Ctr 0.5 0.70
L LOCK 2.0x 4.0 Ctr Ctr 0.40
B LOCK 5.0x 5.0 Ctr-0.2 0.94
M LOCK 5.0x 5.0 0.2 0.5 0.69
N LOCK 3.0x 7.0 Ctr Ctr 0.47
O LOCK 3.0x 7.0 Ctr Ctr 0.46
C LOCK 4.0x 6.0 Ctr 0.1 0.65
H LOCK 2.0x 4.0 Ctr Ctr 0.45
J LOCK 4.0x 8.0 Ctr Ctr 0.62
G LOCK 2.0x 4.0 Ctr Ctr 0.58
F LOCK 5.0x 9.0 Ctr 0.8 0.60
I LOCK 4.0x 8.0 Ctr Ctr 0.63
E LOCK 5.0x 5.0 Ctr-1.0 0.66
D LOCK 5.0x 5.0 0.7 3.0 0.60

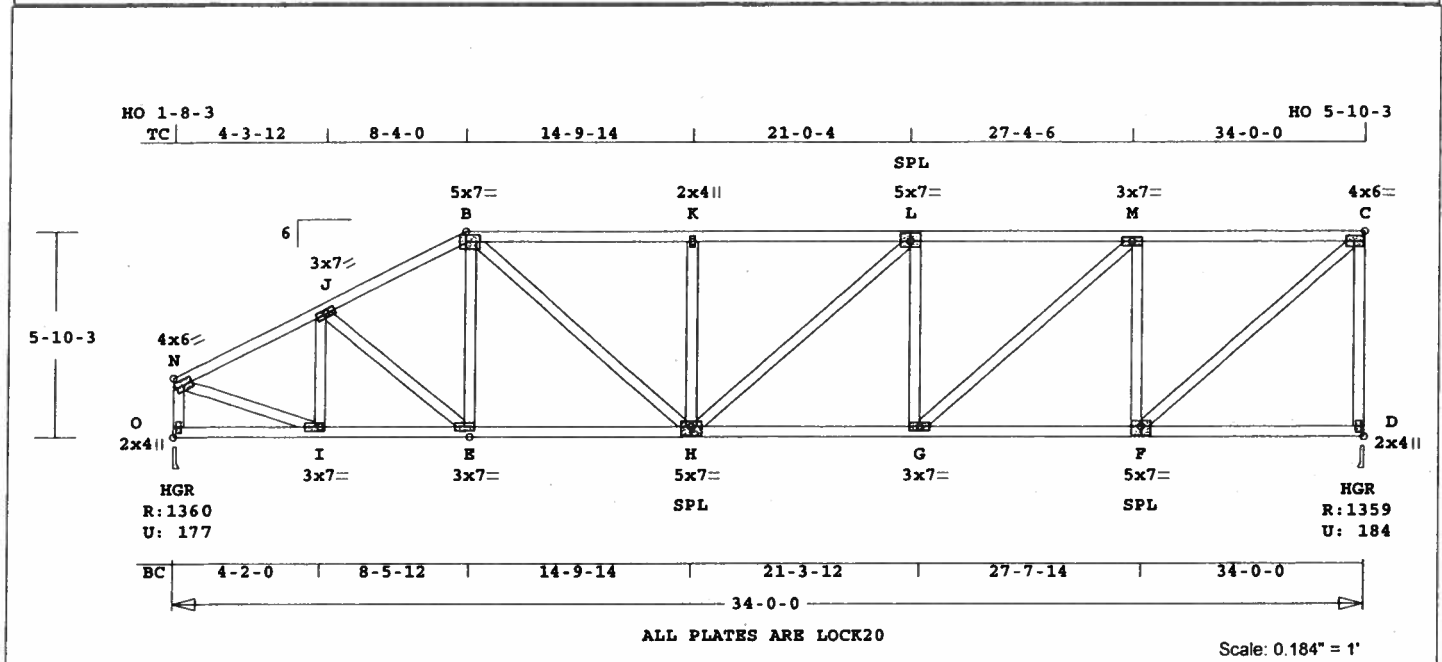
Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -K 0.73 1050 C 0.00 0.73
K -L 0.74 1528 C 0.01 0.73
L -B 0.37 1533 C 0.01 0.36
B -M 0.30 2339 C 0.04 0.26
M -N 0.37 2326 C 0.07 0.30
N -O 0.21 3997 C 0.12 0.09
O -C 0.17 2361 C 0.04 0.13
-----Bottom Chords-----
H -J 0.47 210 T 0.00 0.47
J -G 0.47 21 C 0.00 0.47
F -I 0.34 1490 T 0.25 0.09
I -E 0.75 3517 T 0.59 0.16
E -D 0.76 2263 T 0.38 0.38

REVIEWED BY:
Robbins Engineering, Inc.



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A15	1	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 266.4 LBS

G -F 0.38 1307 T 0.13 0.25
F -D 0.25 148 T 0.00 0.25

Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.46 2x 4 SP-#2
BC 0.44 2x 4 SP-#2
WB 0.50 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
O	1360	178	3- 8	1-10
			Hx =	-110
D	1360	185	3- 8	1-10
			Hx =	191

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
N -J	0.18	1565	C	0.02	0.16
J -B	0.19	1718	C	0.01	0.18
B -K	0.42	2061	C	0.02	0.40
K -L	0.42	2061	C	0.02	0.40
L -M	0.46	1960	C	0.02	0.44
M -C	0.45	1307	C	0.01	0.44
-----Bottom Chords-----					
O -I	0.09	92	T	0.00	0.09
I -E	0.32	1407	T	0.23	0.09
E -H	0.37	1539	T	0.25	0.12
H -G	0.44	1960	T	0.32	0.12

-----Webs-----
O -N 0.12 1321 C WindLd
N -I 0.27 1496 T
I -J 0.07 426 C
J -E 0.03 169 T
E -B 0.02 132 T
B -H 0.12 689 T
H -K 0.15 407 C
K -L 0.02 134 T
L -G 0.17 450 C
G -M 0.16 867 T
M -F 0.38 1002 C
F -C 0.32 1738 T
C -D 0.50 1305 C WindLd

TL Defl -0.21" in H -G L/999
LL Defl -0.10" in H -G L/999
Shear // Grain in M -C 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.

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

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt	Size	X	Y	JSI
N	LOCK	4.0x	6.0	0.1	Ctr	0.71
J	LOCK	3.0x	7.0	Ctr	Ctr	0.41
B	LOCK	5.0x	7.0	0.5	0.1	0.92
K	LOCK	2.0x	4.0	Ctr	Ctr	0.44
L	LOCK	5.0x	7.0	Ctr	0.5	0.73
M	LOCK	3.0x	7.0	Ctr	Ctr	0.44
C	LOCK	4.0x	6.0	Ctr	Ctr	0.71
O	LOCK	2.0x	4.0	Ctr	Ctr	0.47
I	LOCK	3.0x	7.0	Ctr	Ctr	0.50
E	LOCK	3.0x	7.0	Ctr	Ctr	0.43
H	LOCK	5.0x	7.0	Ctr	0.5	0.73
G	LOCK	3.0x	7.0	Ctr	Ctr	0.44
F	LOCK	5.0x	7.0	Ctr	0.5	0.73
D	LOCK	2.0x	4.0	Ctr	Ctr	0.47

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

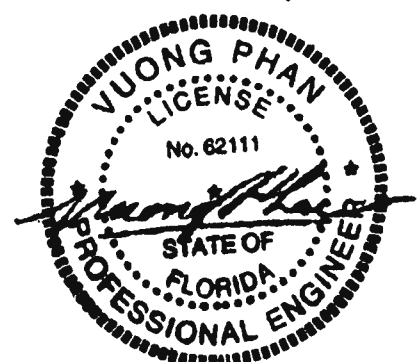
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 2061 Lbs

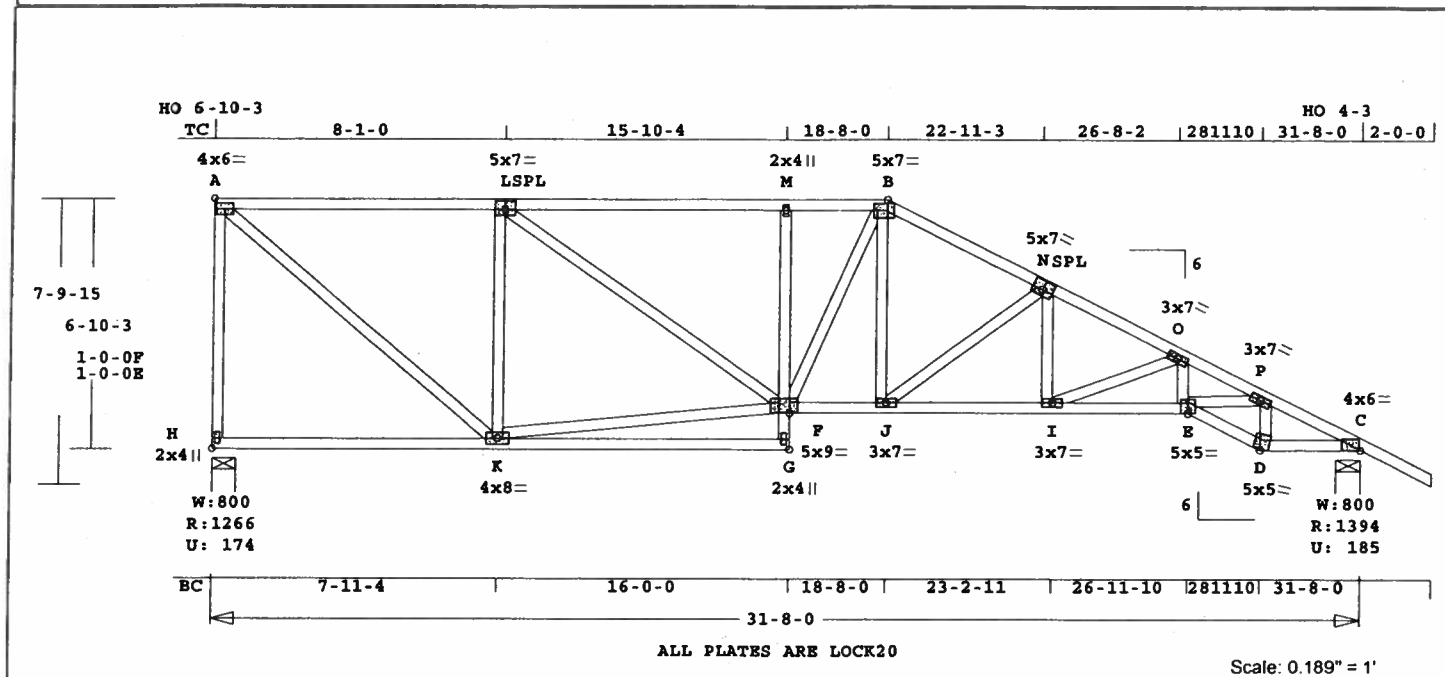
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A16	1	SP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 265.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.75 2x 4 SP-#2
BC 0.75 2x 4 SP-#2
CW 0.18 2x 4 SP-#2
WB 0.64 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	174	8- 0	1- 8
			Hz =	-231
C	1395	186	8- 0	1-10
			Hz =	109

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -L	0.74	1204	C	0.01	0.73
L -M	0.75	1792	C	0.02	0.73
M -B	0.38	1797	C	0.02	0.36
B -N	0.17	1935	C	0.02	0.15
N -O	0.21	2609	C	0.05	0.16
O -P	0.23	3964	C	0.11	0.12
P -C	0.17	2366	C	0.04	0.13
-----Bottom Chords-----					
H -K	0.47	182	T	0.00	0.47
K -G	0.47	85	T	0.00	0.47
F -J	0.38	1721	T	0.28	0.10
J -I	0.46	2345	T	0.39	0.07
I -E	0.75	3472	T	0.58	0.17

E -D	0.73	2275	T	0.38	0.35
D -C	0.46	2093	T	0.35	0.11
-----Chord-Webs-----					
G -F	0.18	120	T	0.01	0.17
F -M	0.09	378	C	0.02	0.07
-----Webs-----					
H -A	0.64	1204	C	WindLd	
A -K	0.29	1574	T		
K -L	0.51	960	C		
K -F	0.20	1127	T		
L -F	0.13	718	T		
F -B	0.04	175	T		
J -B	0.10	568	T		
J -N	0.29	761	C		
I -N	0.08	486	T		
I -O	0.24	1209	C		
E -O	0.16	890	T		
E -P	0.26	1456	T		
D -P	0.08	898	C		

TL Defl	-0.34"	in K -G	L/999
LL Defl	-0.15"	in J -I	L/999
Hz Disp	LL	DL	TL
Jt C	0.07"	0.07"	0.14"
Shear //	Grain	in A -L	0.37

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate -	LOCK	20 Ga <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x	6.0	Ctr Ctr 0.67
L LOCK	5.0x	7.0	Ctr 0.5 0.70
M LOCK	2.0x	4.0	Ctr Ctr 0.40
B LOCK	5.0x	7.0	0.5-0.1 0.89
N LOCK	5.0x	7.0	0.2 0.5 0.69
O LOCK	3.0x	7.0	Ctr Ctr 0.44
P LOCK	3.0x	7.0	Ctr Ctr 0.44
C LOCK	4.0x	6.0	Ctr 0.1 0.65
H LOCK	2.0x	4.0	Ctr Ctr 0.45
K LOCK	4.0x	8.0	Ctr Ctr 0.65
G LOCK	2.0x	4.0	Ctr Ctr 0.58
F LOCK	5.0x	9.0	Ctr 0.8 0.67
J LOCK	3.0x	7.0	Ctr Ctr 0.42
I LOCK	3.0x	7.0	Ctr Ctr 0.48
E LOCK	5.0x	5.0	Ctr-1.0 0.66
D LOCK	5.0x	5.0	0.7 3.0 0.60

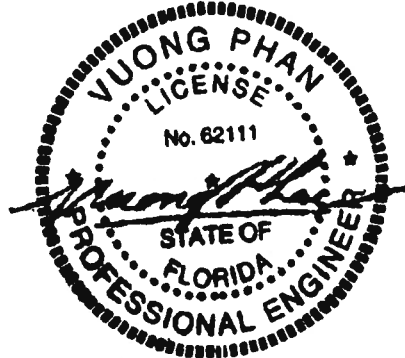
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

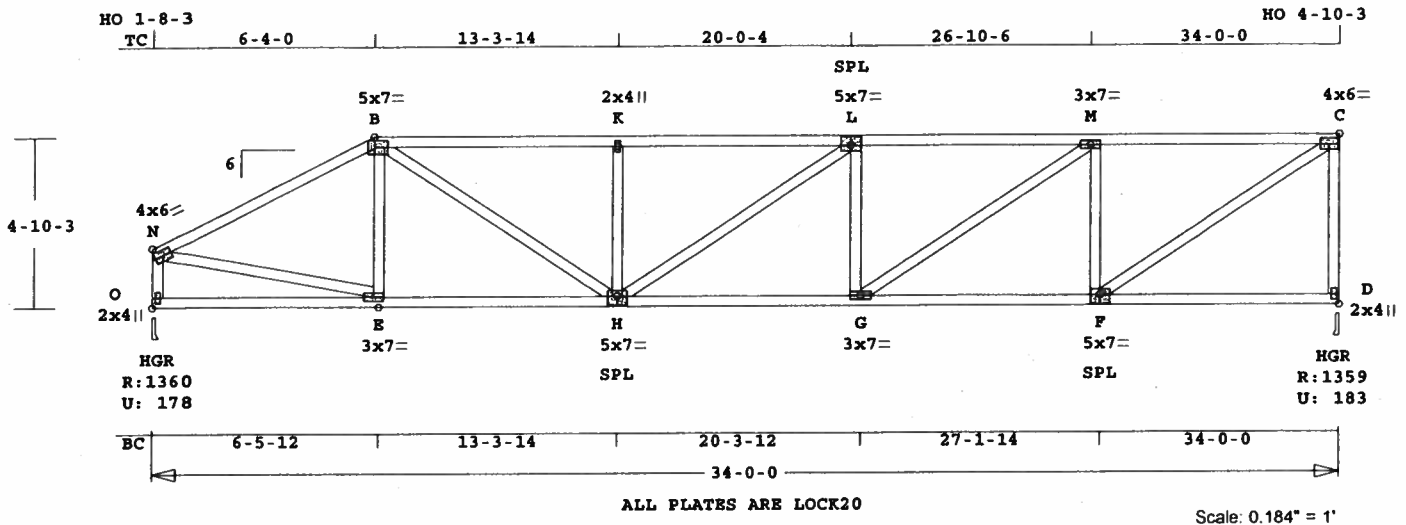
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3964 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A17	1	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 243.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.55 2x 4 SP-#2
BC 0.53 2x 4 SP-#2
WB 0.37 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
O	1360	179	3- 8	1-10
			Hz =	-93
D	1360	184	3- 8	1-10
			Hz =	155

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----
N -B 0.51 1735 C 0.04 0.47
B -K 0.45 2439 C 0.04 0.41
K -L 0.45 2439 C 0.04 0.41
L -M 0.55 2464 C 0.04 0.51
M -C 0.52 1695 C 0.01 0.51

-----Bottom Chords-----
O -E 0.27 75 T 0.00 0.27
E -H 0.43 1565 T 0.16 0.27
H -G 0.53 2464 T 0.41 0.12
G -F 0.46 1695 T 0.17 0.29
F -D 0.29 120 T 0.00 0.29

-----Webs-----

O -N	0.12	1306	C	WindLd
N -E	0.29	1600	T	
E -B	0.05	208	C	
B -H	0.19	1042	T	
H -K	0.11	418	C	
H -L	0.02	43	T	
G -L	0.10	378	C	
G -M	0.17	924	T	
F -M	0.25	975	C	
F -C	0.37	2037	T	
D -C	0.34	1301	C	WindLd
TL Defl	-0.29"	in H -G	L/999	
LL Defl	-0.13"	in H -G	L/999	
Shear //		Grain in M -C	0.32	

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
N LOCK 4.0x 6.0 0.1 Ctr 0.71
B LOCK 5.0x 7.0-0.5-0.1 0.92
K LOCK 2.0x 4.0 Ctr Ctr 0.44
L LOCK 5.0x 7.0 Ctr 0.5 0.73
M LOCK 3.0x 7.0 Ctr Ctr 0.42
C LOCK 4.0x 6.0 Ctr Ctr 0.71
O LOCK 2.0x 4.0 Ctr Ctr 0.47
E LOCK 3.0x 7.0 Ctr Ctr 0.85
H LOCK 5.0x 7.0 Ctr-0.5 0.73
G LOCK 3.0x 7.0 Ctr Ctr 0.42
F LOCK 5.0x 7.0 Ctr-0.5 0.73
D LOCK 2.0x 4.0 Ctr Ctr 0.47

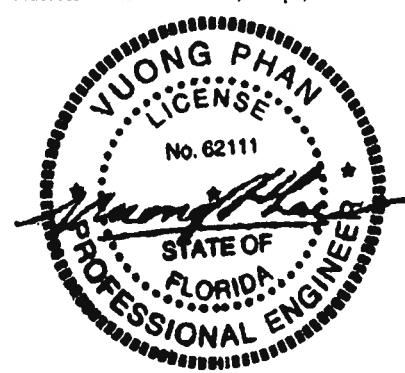
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:

Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2464 Lbs
Quality Control Factor 1.25

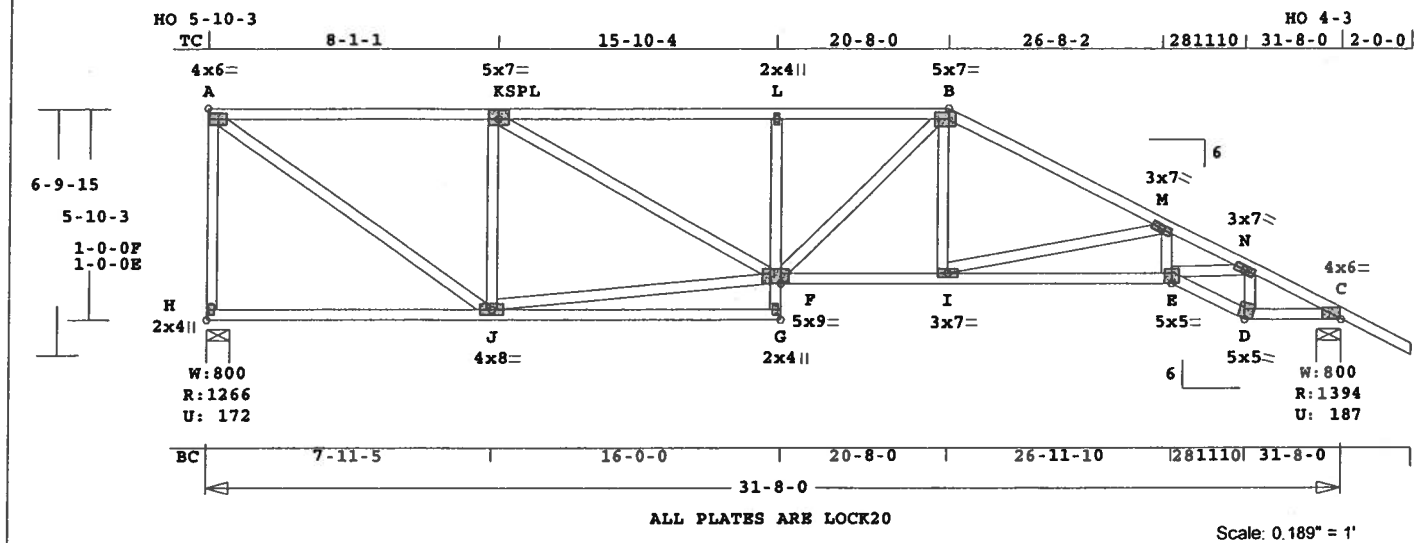
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/19/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A18	1	SP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.75 2x 4 SP-#2
BC 0.76 2x 4 SP-#2
CW 0.18 2x 4 SP-#2
WB 0.81 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	173	8- 0	1- 8
			Hz =	-195
C	1395	187	8- 0	1-10
			Hz =	92

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -K	0.73	1421	C	0.01	0.72
K -L	0.75	2185	C	0.03	0.72
L -B	0.39	2197	C	0.03	0.36
B -M	0.44	2228	C	0.07	0.37
M -N	0.23	4012	C	0.10	0.13
N -C	0.17	2358	C	0.04	0.13
-----Bottom Chords-----					
H -J	0.47	154	T	0.00	0.47
J -G	0.47	83	T	0.00	0.47
F -I	0.43	1986	T	0.33	0.10
I -E	0.75	3537	T	0.59	0.16

E -D	0.76	2259	T	0.38	0.38
D -C	0.44	2081	T	0.34	0.10
-----Chord-Webs-----					
G -F	0.18	120	T	0.01	0.17
F -L	0.13	384	C	0.01	0.12
-----Webs-----					
H -A	0.46	1204	C	WindLd	
A -J	0.32	1745	T		
J -K	0.38	988	C		
J -F	0.24	1347	T		
K -F	0.16	882	T		
F -B	0.05	291	T		
I -B	0.08	508	T		
I -M	0.81	1580	C		
E -M	0.16	875	T		
E -N	0.28	1532	T		
D -N	0.08	879	C		

TL Defl -0.37" in J -G L/989
LL Defl -0.17" in F -I L/999
Hz Disp LL DL TL
Jt C 0.08" 0.08" 0.16"
Shear // Grain in A -K 0.37

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga,	Gross Area
Plate - LHS	20 Ga,	Gross Area	
Jt Type	Plt Size	X	Y
A LOCK	4.0x 6.0	Ctr	Ctr
K LOCK	5.0x 7.0	Ctr	0.5
L LOCK	2.0x 4.0	Ctr	Ctr
B LOCK	5.0x 7.0	0.5-0.1	0.89
M LOCK	3.0x 7.0	Ctr	Ctr
N LOCK	3.0x 7.0	Ctr	Ctr
C LOCK	4.0x 6.0	Ctr	0.1
H LOCK	2.0x 4.0	Ctr	Ctr
J LOCK	4.0x 8.0	Ctr	Ctr
G LOCK	2.0x 4.0	Ctr	Ctr
F LOCK	5.0x 9.0	Ctr	0.8
I LOCK	3.0x 7.0	Ctr	Ctr
E LOCK	5.0x 5.0	Ctr	1.0
D LOCK	5.0x 5.0	0.7	3.0

REVIEWED BY:

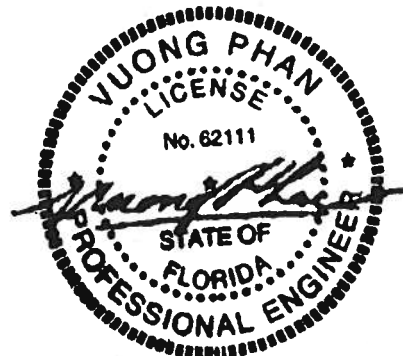
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

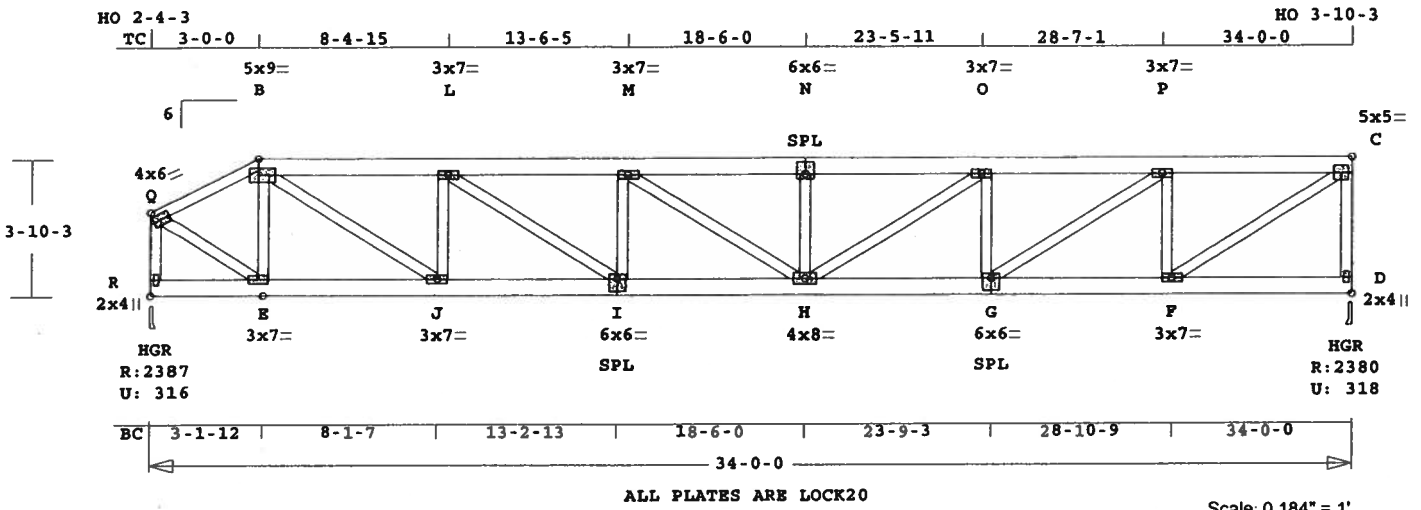
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4012 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A19	1*2P	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 302.8 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 19-JUL-06

 * 2-Ply Truss *

CSI -Size- ----Lumber----
 TC 0.13 2x 6 SP-#2
 EX Q -B 2x 4 SP-#2
 BC 0.42 2x 6 SP-#2
 WB 0.34 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 34- 0- 0
 BC Cont. 0- 0- 0 34- 0- 0

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

Load Case # 1 Standard Loading
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 plf - Live Dead From To
 TC V 40 20 0.0' 34.0'
 BC V 0 20 0.0' 34.0'
 TC V 30 15 3.0' 34.0'
 BC V 0 15 3.0' 34.0'
 BC V 30 30 0.0' 3.1'

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt React Upfl't Size Req'd
 Lbs Lbs In-Sx In-Sx
 R 2388 317 3- 8 1- 8
 Hz = -82
 D 2381 318 3- 8 1- 8
 Hz = 109

Membr CSI P Lbs Ax1-CSI-Bnd
 -----Top Chords-----
 Q -B 0.09 2088 C 0.01 0.08
 B -L 0.11 4319 C 0.01 0.10
 L -M 0.13 5649 C 0.03 0.10
 M -N 0.12 5860 C 0.03 0.09
 N -O 0.13 5860 C 0.03 0.10
 O -P 0.13 5007 C 0.02 0.11
 P -C 0.12 3098 C 0.00 0.12
 -----Bottom Chords-----

R -E 0.06 56 T 0.00 0.06
 E -J 0.18 1895 T 0.12 0.06
 J -I 0.34 4319 T 0.28 0.06
 I -H 0.42 5649 T 0.37 0.05
 H -G 0.38 5007 T 0.33 0.05
 G -F 0.24 3098 T 0.20 0.04
 F -D 0.05 83 T 0.00 0.05

-----Webs-----
 R -Q 0.10 2296 C WindLd
 Q -E 0.20 2248 T
 E -B 0.04 979 C
 B -J 0.26 2860 T
 J -L 0.06 1374 C
 L -I 0.14 1595 T
 I -M 0.03 692 C
 M -H 0.02 253 T
 H -N 0.02 532 C
 N -O 0.09 1023 T
 O -G 0.05 1089 C
 G -P 0.21 2290 T
 P -F 0.09 1860 C
 F -C 0.34 3716 T
 D -C 0.11 2293 C WindLd

TL Defl -0.26" in I -H L/999
 LL Defl -0.13" in I -H L/999
 Shear // Grain in P -C 0.12

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 Q LOCK 4.0x 6.0 0.1 Ctr 0.71
 B LOCK 5.0x 9.0-0.5 Ctr 0.99
 L LOCK 3.0x 7.0 Ctr Ctr 0.41
 M LOCK 3.0x 7.0 Ctr Ctr 0.41
 N LOCK 6.0x 6.0 Ctr 1.2 0.58
 O LOCK 3.0x 7.0 Ctr Ctr 0.41
 P LOCK 3.0x 7.0 Ctr Ctr 0.41
 C LOCK 5.0x 5.0 Ctr Ctr 0.73
 R LOCK 2.0x 4.0 Ctr Ctr 0.78
 E LOCK 3.0x 7.0 Ctr Ctr 0.42
 J LOCK 3.0x 7.0 Ctr Ctr 0.49
 I LOCK 6.0x 6.0 Ctr-1.2 0.58
 H LOCK 4.0x 8.0 Ctr Ctr 0.44
 G LOCK 6.0x 6.0 Ctr-1.2 0.58
 F LOCK 3.0x 7.0 Ctr Ctr 0.63
 D LOCK 2.0x 4.0 Ctr Ctr 0.78

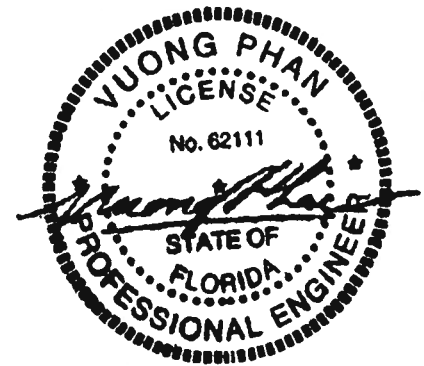
REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 ----Spacing (In)----
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 8 8

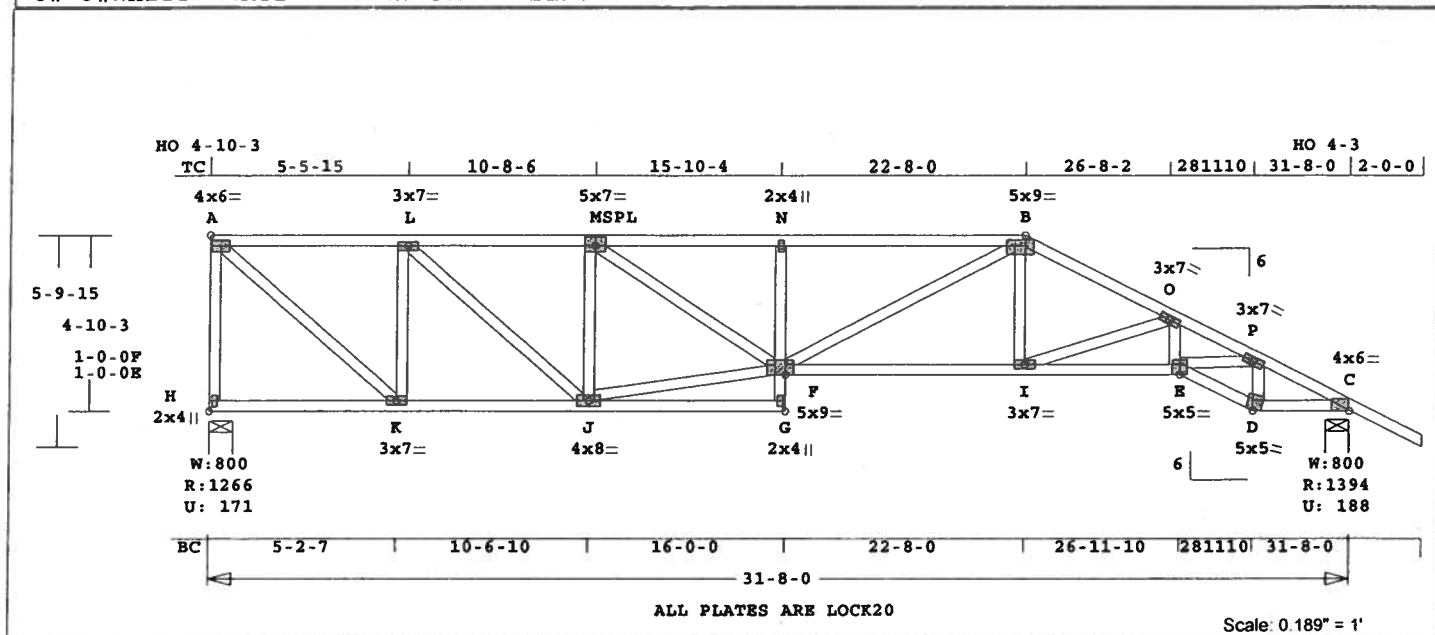
Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 5860 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
 License # 62111
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A20	1	SP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 240.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.55 2x 4	SP-#2
BC	0.74 2x 4	SP-#2
CW	0.18 2x 4	SP-#2
WB	0.35 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	172	8- 0	1- 8
			Hz =	-159
C	1395	188	8- 0	1-10
			Hz =	75

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -L	0.31	1241 C	0.01	0.30
L -M	0.32	1948 C	0.02	0.30
M -N	0.42	2810 C	0.05	0.37
N -B	0.55	2833 C	0.11	0.44
B -O	0.34	2548 C	0.04	0.30
O -P	0.26	3940 C	0.11	0.15
P -C	0.17	2371 C	0.04	0.13
-----Bottom Chords-----				
H -K	0.16	125 T	0.00	0.16
K -J	0.29	1241 T	0.13	0.16
J -G	0.16	51 T	0.00	0.16
F -I	0.52	2285 T	0.38	0.14
I -E	0.72	3445 T	0.57	0.15

E	-D	0.74	2280 T	0.38	0.36
D	-C	0.46	2098 T	0.35	0.11
-----Chord Webs-----					
G	-F	0.10	86 T	0.00	0.10
F	-N	0.18	395 C	0.00	0.18
-----Webs-----					
H	-A	0.32	1220 C	WindLd	
A	-K	0.30	1650 T		
K	-L	0.25	974 C		
L	-J	0.17	939 T		
J	-M	0.22	862 C		
J	-F	0.35	1929 T		
M	-F	0.19	1038 T		
F	-B	0.11	616 T		
I	-B	0.09	513 T		
I	-O	0.31	1208 C		
E	-O	0.16	881 T		
E	-P	0.26	1423 T		
D	-P	0.08	898 C		

TL Defl	-0.42"	in F -I	L/856
LL Defl	-0.20"	in F -I	L/999
Hz Disp	LL	DL	TL
Jt C	0.08"	0.08"	0.16"
Shear //	Grain	in N -B	0.28

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK		20 Ga, Gross Area			
Plate - RHS		20 Ga, Gross Area			
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.67
L	LOCK	3.0x 7.0	Ctr	Ctr	0.43
M	LOCK	5.0x 7.0	Ctr	0.5	0.70
N	LOCK	2.0x 4.0	Ctr	Ctr	0.40
B	LOCK	5.0x 9.0	Ctr	0.4	1.00
O	LOCK	3.0x 7.0	Ctr	Ctr	0.42
P	LOCK	3.0x 7.0	Ctr	Ctr	0.43
C	LOCK	4.0x 6.0	Ctr	0.1	0.65
H	LOCK	2.0x 4.0	Ctr	Ctr	0.45
K	LOCK	3.0x 7.0	Ctr	Ctr	0.62
J	LOCK	4.0x 8.0	Ctr	Ctr	0.76
G	LOCK	2.0x 4.0	Ctr	Ctr	0.58
F	LOCK	5.0x 9.0	Ctr	0.8	0.61
I	LOCK	3.0x 7.0	Ctr	Ctr	0.50
E	LOCK	5.0x 5.0	Ctr	1.0	0.66
D	LOCK	5.0x 5.0	0.7	3.0	0.60

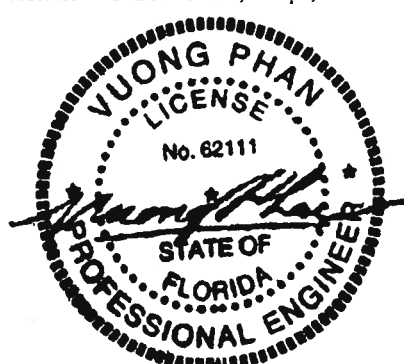
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

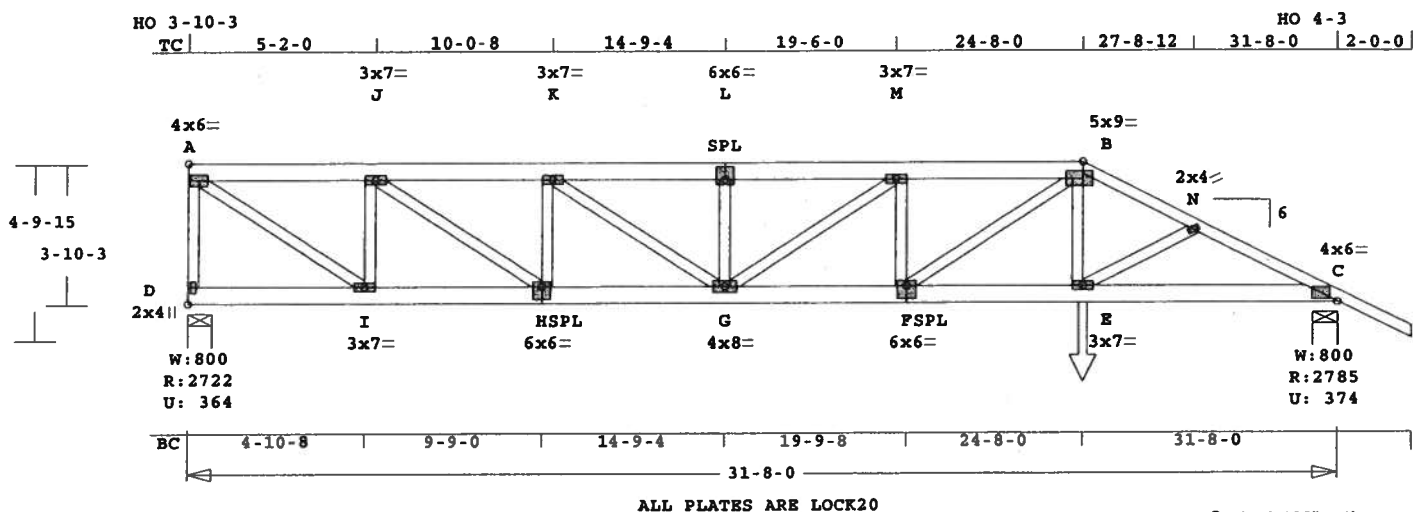
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3940 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A21	1*2P	SP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 270.2 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 19-JUL-06

 * 2-Ply Truss *

CSI -Size- ----Lumber-----
 TC 0.21 2x 6 SP-#2
 EX B -C 2x 4 SP-#2
 BC 0.49 2x 6 SP-#2
 WB 0.40 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 31- 8- 0
 BC Cont. 0- 0- 0 31- 8- 0

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

Load Case # 1 Girder Loading
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 plf - Live Dead From To
 TC V 40 20 0.0' 31.7'
 BC V 0 20 0.0' 31.7'
 TC V 50 25 1.0' 24.7'
 TC V -40 -20 0.0' 1.0'
 BC V 0 25 1.0' 24.7'
 BC V 0 -20 0.0' 1.0'
 BC V 280 280 24.7' CL-LB

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
 Lbs Lbs In-Sx In-Sx
 D 2722 365 8- 0 1-10
 Hz = -117
 C 2786 375 8- 0 1-10
 Hz = 56

Membr CSI P Lbs Axl-CST-Bnd
 -----Top Chords-----
 A -J 0.14 3569 C 0.01 0.13
 J -K 0.14 5782 C 0.02 0.12
 K -L 0.16 6745 C 0.04 0.12
 L -M 0.17 6745 C 0.04 0.13
 M -B 0.21 6525 C 0.04 0.17
 B -N 0.31 5270 C 0.05 0.26
 N -C 0.18 5360 C 0.06 0.12

-----Bottom Chords-----
 D -I 0.07 92 T 0.00 0.07
 I -H 0.28 3569 T 0.23 0.05
 H -G 0.45 5782 T 0.38 0.07
 G -F 0.49 6524 T 0.43 0.06
 F -E 0.38 4735 T 0.31 0.07
 E -C 0.39 4773 T 0.31 0.08

-----Webs-----
 D -A 0.13 2655 C WindLd
 A -I 0.40 4347 T
 I -J 0.11 2251 C
 J -H 0.24 2696 T
 H -K 0.06 1320 C
 K -G 0.10 1173 T
 G -L 0.03 627 C
 G -M 0.02 268 T
 F -M 0.04 913 C
 F -B 0.19 2142 T
 E -B 0.06 734 T
 E -N 0.00 71 T

TL Defl -0.28" in G -F L/999
 LL Defl -0.14" in G -F L/999
 Shear // Grain in M -B 0.16

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 4.0x 6.0 Ctr Ctr 0.86
 J LOCK 3.0x 7.0 Ctr Ctr 0.46
 K LOCK 3.0x 7.0 Ctr Ctr 0.41
 L LOCK 6.0x 6.0 Ctr 1.2 0.56
 M LOCK 3.0x 7.0 Ctr Ctr 0.41
 B LOCK 5.0x 9.0 0.5 Ctr 0.95
 N LOCK 2.0x 4.0 Ctr Ctr 0.42
 C LOCK 4.0x 6.0 Ctr Ctr 0.68
 D LOCK 2.0x 4.0 Ctr Ctr 0.73
 I LOCK 3.0x 7.0 Ctr Ctr 0.75
 H LOCK 6.0x 6.0 Ctr 1.2 0.56
 G LOCK 4.0x 8.0 Ctr Ctr 0.43
 F LOCK 6.0x 6.0 Ctr 1.2 0.56
 E LOCK 3.0x 7.0 Ctr Ctr 0.42

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

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

NOTES:
 Trusses Manufactured by:

Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004

Girder Half Hip
 Framing King Jacks
 Jack Open Faced
 Setback 7- 0- 0

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

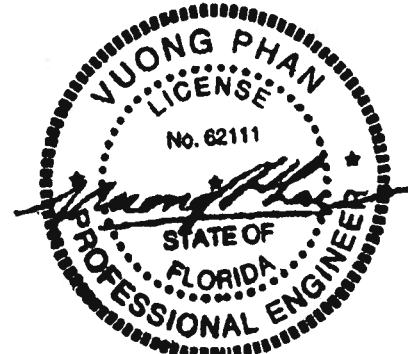
-----Spacing (In)-----
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 8 8

Plus clusters of nails where
 shown.

OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.

Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 6745 Lbs
 Quality Control Factor 1.25

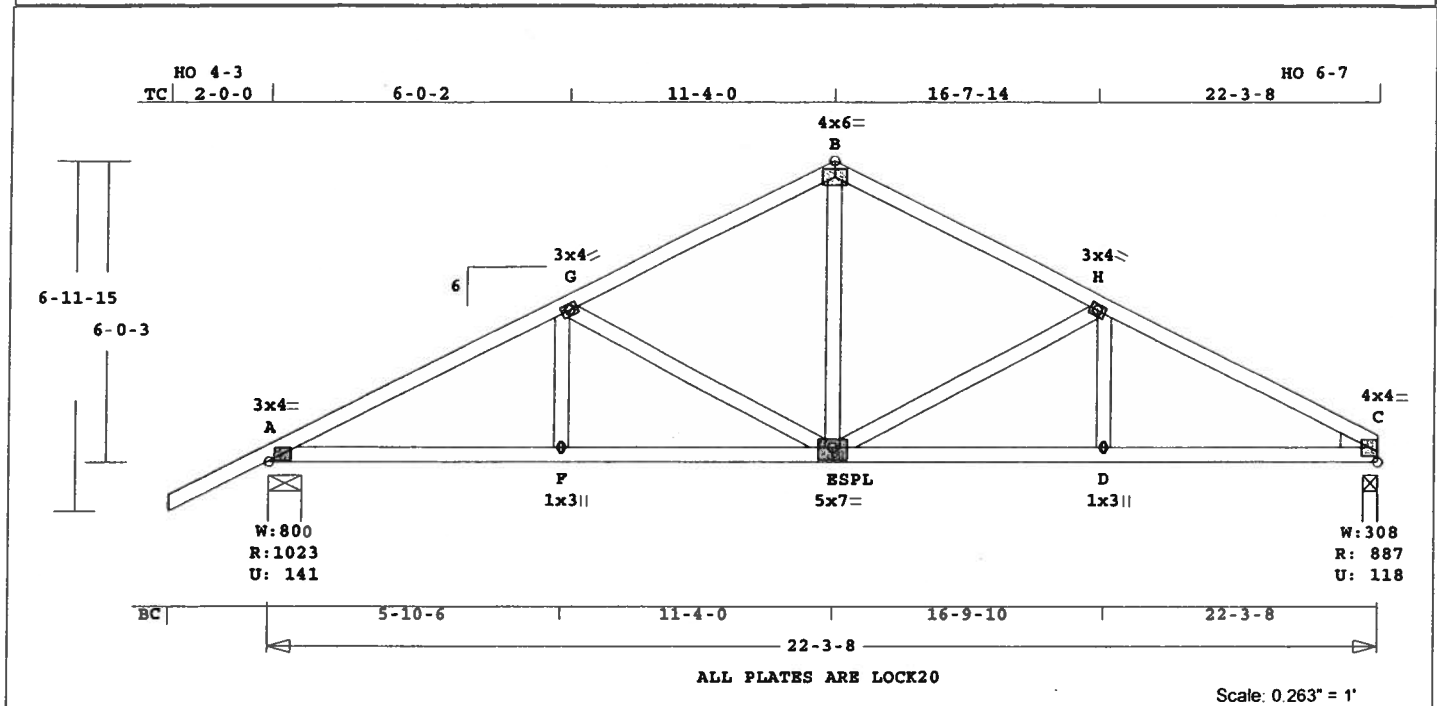
Truss Design Engineer: Vuong Phan
 License #: 62111
 Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/19/2006

Job WHITT-MARTINEZ	Mark B1	Quan 6	Type TR	Span 220308	Pl-H1 6	Left OH 2- 0- 0	Right OH 0	Engineering T06071750
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U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	Size	---	Lumber	----
TC	0.29	2x 4	SP-#2		
BC	0.37	2x 4	SP-#2		
WB	0.23	2x 4	SP-#2		
PB	---	2x 4	SP-#2		

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	22- 3- 8	
BC Cont.	0- 0- 0	22- 3- 8	

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1024	142	8- 0	1- 8
			Hz =	-105
C	888	118	3- 8	1- 8
			Hz =	106

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -G	0.29		1477 C	0.01	0.28	
G -B	0.28		994 C	0.00	0.28	
B -H	0.22		992 C	0.00	0.22	
H -C	0.27		1420 C	0.01	0.26	
-----Bottom Chords-----						
A -F	0.32		1327 T	0.22	0.10	
F -E	0.32		1327 T	0.22	0.10	
E -D	0.31		1265 T	0.21	0.10	

	D -C	0.37	1265 T	0.21	0.16
-----Webs-----					
F -G	0.03		223 T		
G -E	0.23		503 C		
E -B	0.10		567 T		
E -H	0.20		433 C		
D -H	0.03		197 T		

TL Defl -0.11" in E -D L/999
LL Defl -0.05" in E -D L/999
Shear // Grain in A -G 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.80
G LOCK 3.0x 4.0 Ctr Ctr 0.60
B LOCK 4.0x 6.0 Ctr Ctr 0.57
H LOCK 3.0x 4.0 Ctr Ctr 0.60
C LOCK 4.0x 4.0-1.0 0.3 0.83
F LOCK 1.0x 3.0 Ctr Ctr 0.81
E LOCK 5.0x 7.0 Ctr-0.5 0.60
D LOCK 1.0x 3.0 Ctr Ctr 0.81

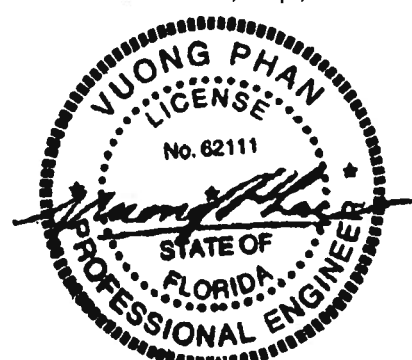
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1477 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-MARTINEZ MARTINEZ - 2116

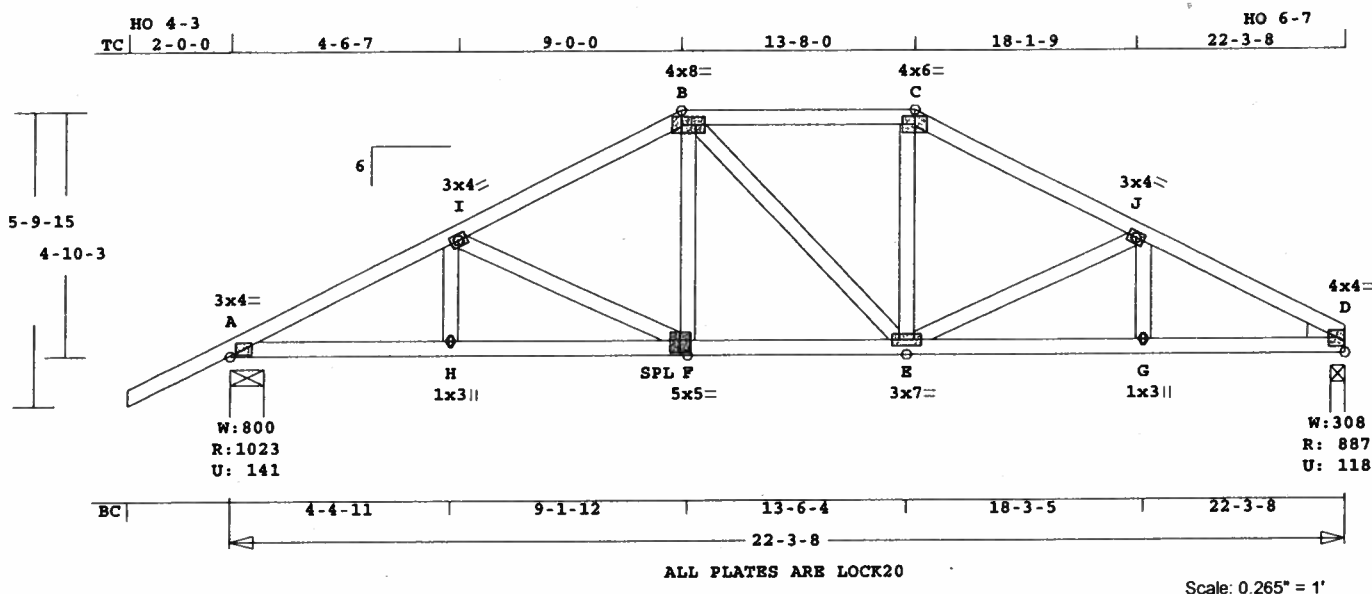


Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 137.4 LBS

Max comp. force 1477 Lbs
Qualitative Feedback Factor 25

A circular professional engineer seal for Vuong Phan. The outer ring contains the text "VUONG PHAN" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom, also separated by two stars. In the center of the seal is the license number "No. 62111". A handwritten signature, "Vuong Phan", is written across the seal, crossing over the "STATE OF FLORIDA" text.

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	B3	1	HIPP	220308	6	2- 0- 0	0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 147.3 LBS

E -G	0.30	1297 T	0.21	0.09
G -D	0.42	1297 T	0.21	0.21
-----Webs-----				
H -I	0.02	170 T		
I -F	0.12	369 C		
F -B	0.04	298 T		
B -E	0.03	63 C		
E -C	0.04	282 T		
E -J	0.09	276 C		
G -J	0.02	134 T		

Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1554 Lbs
Quality Control Factor 1.25

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size-	-----Lumber----
TC	0.25 2x 4 SP-#2
BC	0.42 2x 4 SP-#2
WB	0.12 2x 4 SP-#2
PB	--- 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 22- 3- 8
BC Cont. 0- 0- 0 22- 3- 8

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1024	142	8- 0	1- 8
			Hz =	-83
D	888	118	3- 8	1- 8
			Hz =	84

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -I	0.13	1554 C	0.01	0.12
I -B	0.15	1178 C	0.00	0.15
B -C	0.17	1047 C	0.00	0.17
C -J	0.18	1167 C	0.01	0.17
J -D	0.25	1464 C	0.01	0.24
-----Bottom Chords-----				
A -H	0.27	1390 T	0.23	0.04
H -F	0.30	1390 T	0.23	0.07
F -E	0.25	1050 T	0.17	0.08

TL Defl -0.11" in E -G L/999
LL Defl -0.05" in E -G L/999
Shear // Grain in J -D 0.17

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

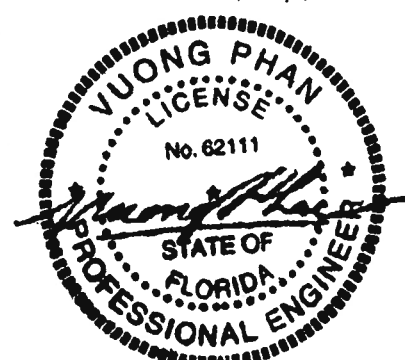
Plate	- LOCK 20 Ga, Gross Area
Plate	- RHS 20 Ga, Gross Area
Jt Type	Plt Size X Y JSI
A	LOCK 3.0x 4.0 Ctr Ctr 0.80
I	LOCK 3.0x 4.0 Ctr Ctr 0.60
B	LOCK 4.0x 8.0 Ctr Ctr 0.90
C	LOCK 4.0x 6.0 Ctr Ctr 0.90
J	LOCK 3.0x 4.0 Ctr Ctr 0.60
D	LOCK 4.0x 4.0-1.0 0.3 0.83
H	LOCK 1.0x 3.0 Ctr Ctr 0.81
F	LOCK 5.0x 5.0 Ctr-0.5 0.60
E	LOCK 3.0x 7.0 Ctr Ctr 0.52
G	LOCK 1.0x 3.0 Ctr Ctr 0.81

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

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

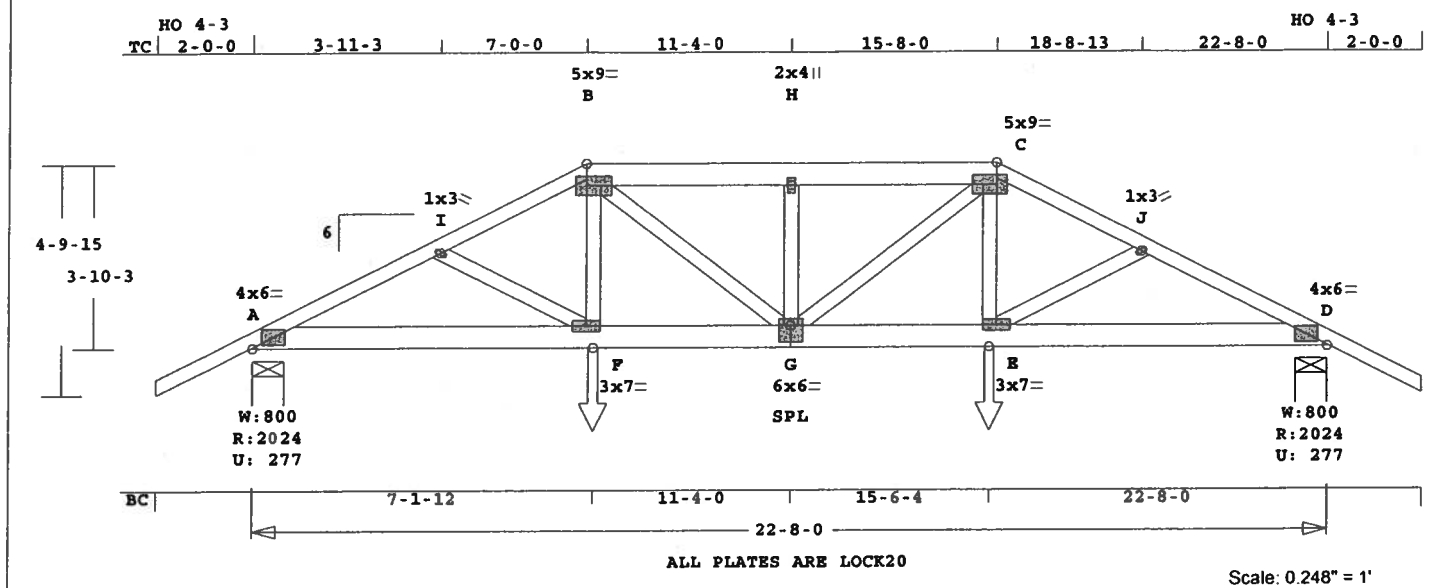
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	B4	1	HIPP	220800	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.7 LBS

ADDITIONAL SPECIFICATIONS.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.54 2x 4 SP-#2
EX B -C 2x 6 SP-#2
BC 0.60 2x 6 SP-#2
WB 0.15 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 22- 8- 0
BC Cont. 0- 0- 0 22- 8- 0

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

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 22.7'
BC V 0 20 0.0' 22.7'
TC V 50 25 7.0' 15.7'
BC V 0 25 7.1' 15.5'
BC V 280 280 7.1' CL-LB
BC V 280 280 15.5' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
A 2024 277 8- 0 2- 6
Hz = -64
D 2024 277 8- 0 2- 6
Hz = 65

Membr CSI P Lbs Ax1-CS1-Bnd
-----Top Chords-----
A -I 0.31 3706 C 0.12 0.19

I -B 0.54 3582 C 0.10 0.44
B -H 0.36 3902 C 0.05 0.31
H -C 0.36 3902 C 0.05 0.31
C -J 0.54 3582 C 0.10 0.44
J -D 0.31 3706 C 0.12 0.19
-----Bottom Chords-----
A -F 0.60 3303 T 0.44 0.16
F -G 0.53 3215 T 0.43 0.10
G -E 0.53 3215 T 0.43 0.10
E -D 0.60 3303 T 0.44 0.16
-----Webs-----
I -F 0.01 78 T
F -B 0.13 713 T
B -G 0.15 865 T
G -H 0.11 785 C
H -C 0.15 865 T
E -C 0.13 713 T
E -J 0.01 78 T

TL Defl -0.24" in G -E L/999
LL Defl -0.12" in G -E L/999
Shear // Grain in B -H 0.32

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.83
I LOCK 1.0x 3.0 Ctr Ctr 0.75
B LOCK 5.0x 9.0 Ctr Ctr 0.90
H LOCK 2.0x 4.0 Ctr Ctr 0.40
C LOCK 5.0x 9.0 Ctr Ctr 0.90
J LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 4.0x 6.0 Ctr Ctr 0.83
F LOCK 3.0x 7.0 Ctr Ctr 0.37
G LOCK 6.0x 6.0 Ctr-1.2 0.72
E LOCK 3.0x 7.0 Ctr Ctr 0.37

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

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0

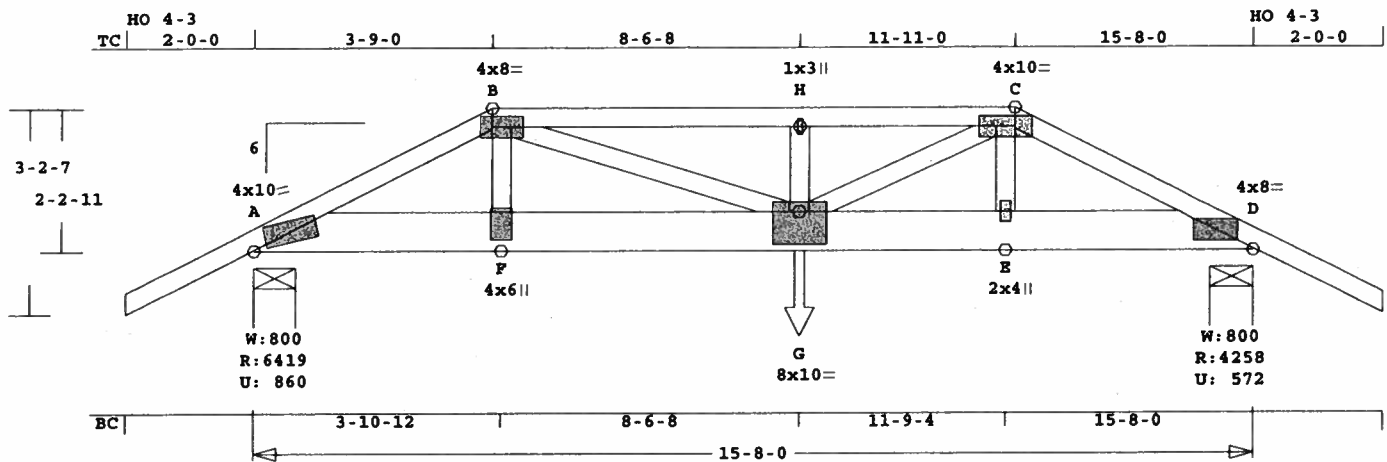
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3902 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	C1	1*2P	HIPP	150800	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.333" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 121.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.92 2x 4 SP-#2
BC 0.64 2x 8 SP-SS
WB 0.63 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 15- 8- 0
BC Cont. 0- 0- 0 15- 8- 0

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

Load Case # 1 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 15.7'
BC V 0 20 0.0' 15.7'
BC V 320 320 0.0' 7.7'
BC V 2131 2131 8.5' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	6419	861	8- 0	3-13
			Hz =	30
D	4259	573	8- 0	2- 8
			Hz =	34

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -B 0.78 11411 C 0.27 0.51
B -H 0.92 14188 C 0.53 0.39

H -C	0.72	14188	C	0.42	0.30
C -D	0.32	8974	C	0.16	0.16
-----Bottom Chords-----					
A -F	0.42	10351	T	0.29	0.13
F -G	0.64	10094	T	0.28	0.36
G -E	0.44	8041	T	0.22	0.22
E -D	0.27	8069	T	0.22	0.05
-----Webs-----					
F -B	0.28	3143	T		
B -G	0.40	4347	T		
G -H	0.01	170	T		
G -C	0.63	6920	T		
E -C	0.03	419	T		

TL Defl -0.35" in F -G L/498
LL Defl -0.17" in F -G L/999
Shear // Grain in F -G 0.57

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x10.0 Ctr Ctr 0.82
B LOCK 4.0x 8.0 Ctr Ctr 0.94
H LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 4.0x10.0 Ctr-0.1 0.87
D LOCK 4.0x 8.0 Ctr-0.1 0.79
F LOCK 4.0x 6.0 Ctr-2.2 0.87
G LOCK 8.0x10.0 Ctr-2.1 0.97
E LOCK 2.0x 4.0 Ctr Ctr 0.38

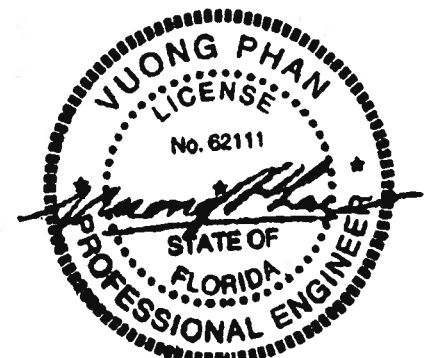
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
2 COMPLETE TRUSSES REQUIRED.

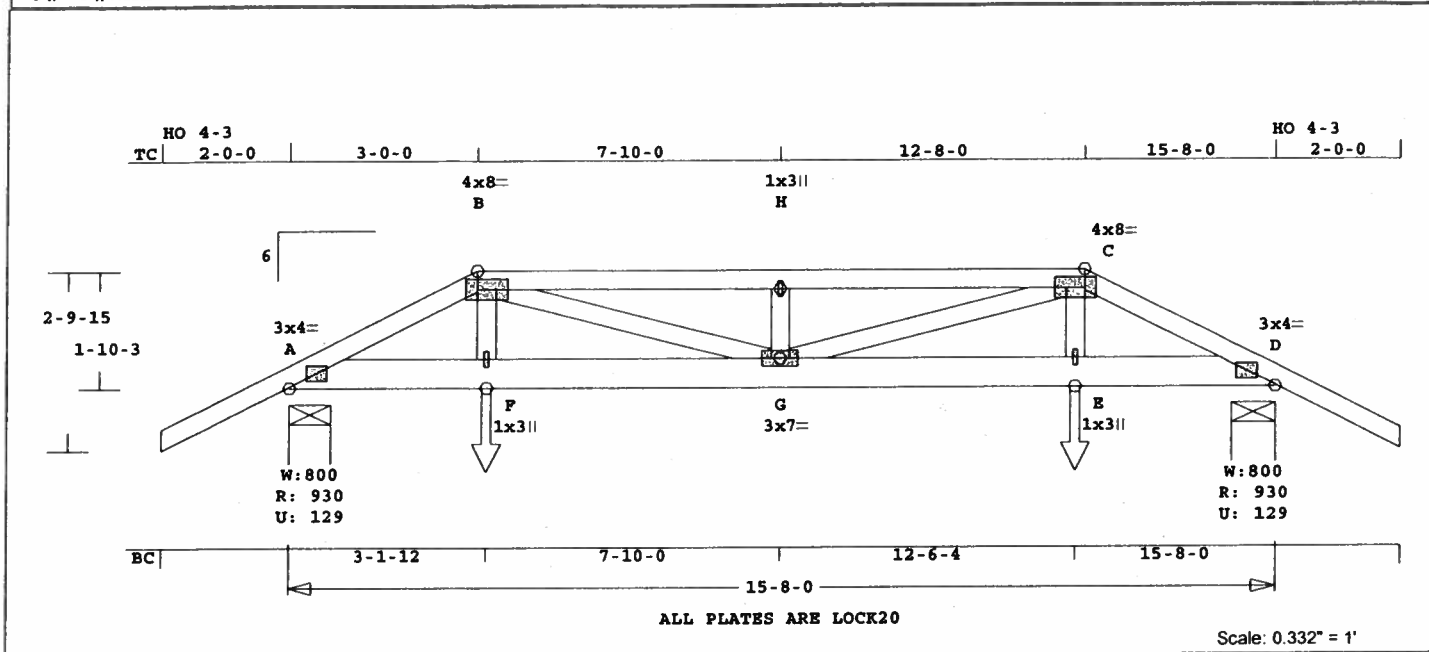
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)
-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 11.5 21.5 0
WB 1 8 8
Plus clusters of nails where
shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 14188 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	C2	1	HIPP	150800	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 107.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

TC	BC	WB	CSI -Size-	Lumber
0.27	0.29	0.15	2x 4	SP-#2
			2x 6	SP-#2
			2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	15- 8- 0
BC Cont.	0- 0- 0	15- 8- 0

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

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 15.7'
BC V 0 20 0.0' 15.7'
TC V 10 5 3.0' 12.7'
BC V 0 5 3.1' 12.5'
BC V 40 40 3.1' CL-LB
BC V 40 40 12.5' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	931	130	8- 0	1- 8
			Hx =	-23
D	931	130	8- 0	1- 8
			Hx =	24

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -B 0.14 1500 C 0.01 0.13

B -H	0.27	2141	C	0.04	0.23
H -C	0.27	2141	C	0.04	0.23
C -D	0.14	1500	C	0.01	0.13
-----Bottom Chords-----					
A -F	0.20	1359	T	0.18	0.02
F -G	0.29	1341	T	0.17	0.12
G -E	0.29	1341	T	0.17	0.12
E -D	0.20	1359	T	0.18	0.02
-----Webs-----					
F -B	0.03	227	T		
B -G	0.15	833	T		
G -H	0.03	363	C		
G -C	0.15	833	T		
E -C	0.03	227	T		

TL Defl -0.12" in G -E L/999
LL Defl -0.06" in G -E L/999
Shear // Grain in B -H 0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 4.0 Ctr Ctr 0.73

B LOCK 4.0x 8.0 Ctr Ctr 0.78

H LOCK 1.0x 3.0 Ctr Ctr 0.75

C LOCK 4.0x 8.0 Ctr Ctr 0.78

D LOCK 3.0x 4.0 Ctr Ctr 0.73

F LOCK 1.0x 3.0 Ctr Ctr 0.75

G LOCK 3.0x 7.0 Ctr Ctr 0.53

E LOCK 1.0x 3.0 Ctr Ctr 0.75

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

Girder Step Down Hip

Framing King Jacks

Jack Open Faced

Setback 3- 0- 0

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

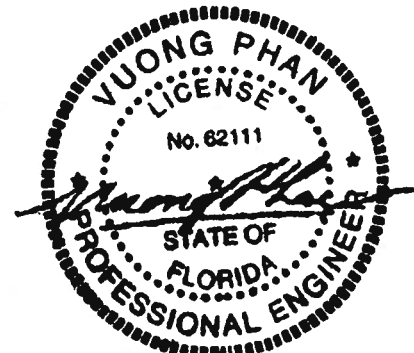
Max comp. force 2141 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

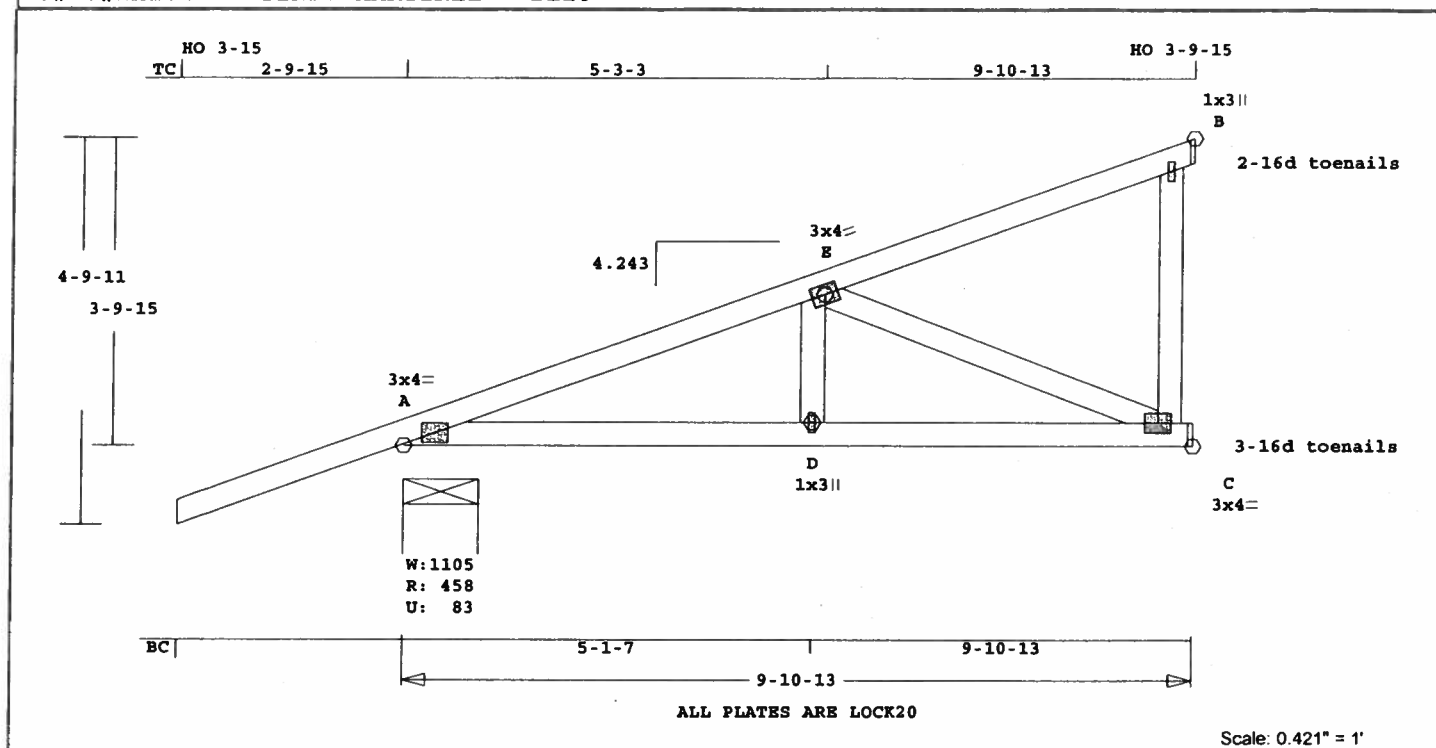
License #: 62111

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	CJ1	5	MONO.DD	91013	4.243	2- 9-15	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 61.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	---	Lumber----
TC	0.36	2x 4	SP-#2	
BC	0.27	2x 4	SP-#2	
WB	0.19	2x 4	SP-#2	

Brace truss as follows:

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

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

Load Case # 1 Girder Loading				
	Lbs	Dead	From	To
TC V	40	20	0.0'	9.9'
BC V	0	20	0.0'	9.9'
TC V	-40	-20	0.0'	9.9'
BC V	0	-20	0.0'	9.9'

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	458	83	11- 5	1- 8
			Hz =	-43
C	348	8	1- 8	1- 8
B	240	84	1- 8	1- 8
			Hz =	127

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.30		632 C	0.00	0.30
E -B	0.36		77 T	0.00	0.36
-----Bottom Chords-----					
A -D	0.23		612 T	0.07	0.16
D -C	0.27		612 T	0.07	0.20
-----Webs-----					
D -E	0.03		234 T		
E -C	0.19		661 C		
C -B	0.02		0 T	WindLd	

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.64
E LOCK 3.0x 4.0 Ctr Ctr 0.43
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 3.0x 4.0 Ctr Ctr 0.54

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

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

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

NOTES:

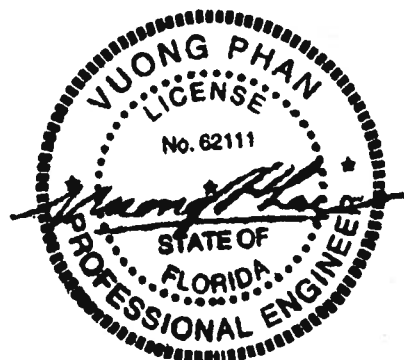
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Girder King Jack
Loading TC and BC
Setback 7- 0- 0

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.

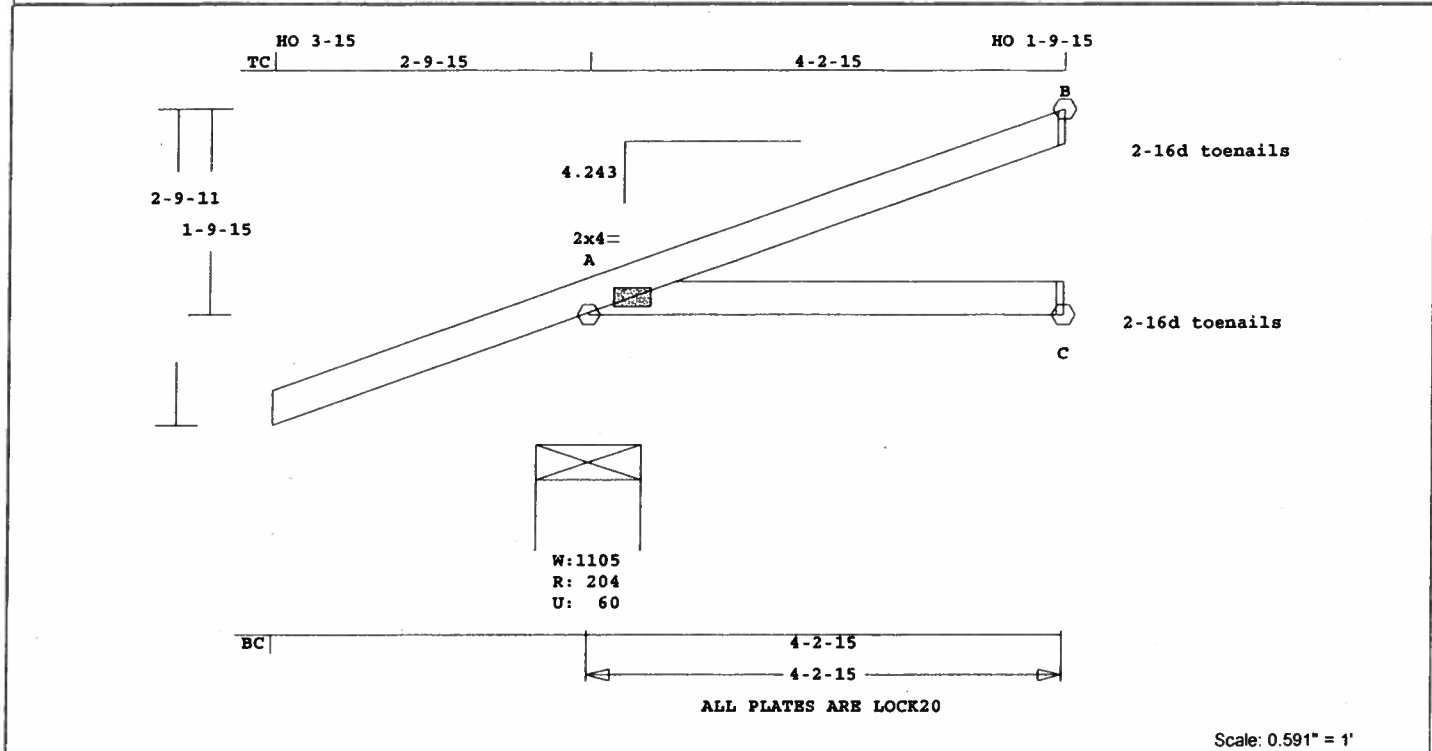
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 661 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	CJ2	2	JCA2.DD	40215	4.243	2- 9-15	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.4 LBS

Hz = 11

Setback 3- 0- 0

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

Membr CSI P Lbs Axl-CSI-Bnd

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

A -B 0.05 8 C 0.00 0.05

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

A -C 0.03 0 T 0.00 0.03

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

TC 0.05 2x 4 SP-#2

BC 0.03 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 2-15
BC Cont.	0- 0- 0	4- 2-15

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.00 Fc=1.00 Ft=1.00

BC Fb=1.00 Fc=1.00 Ft=1.00

TL Defl 0.00" in A -C L/999

LL Defl 0.00" in A -C L/999

Shear // Grain in A -B 0.05

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.72

OH Loading

Soffit psf 2.0

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

Use properly rated hangers for loads framing into girder truss.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 8 Lbs

Quality Control Factor 1.25

Load Case # 1 Girder Loading

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

plf - Live Dead From To

TC V 40 20 0.0' 4.2'

BC V 0 20 0.0' 4.2'

TC V -40 -20 0.0' 4.2'

BC V -12 -6 0.0' 4.2'

BC V 0 -20 0.0' 4.2'

0 -6 4.2'

Plus 5 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 204 60 11- 5 1- 8

C 31 0 1- 8 1- 8

B 46 18 1- 8 1- 8

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

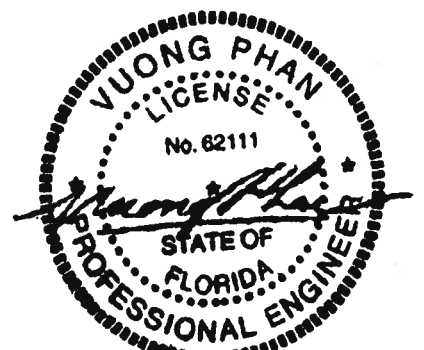
Girder King Jack

Loading TC and BC

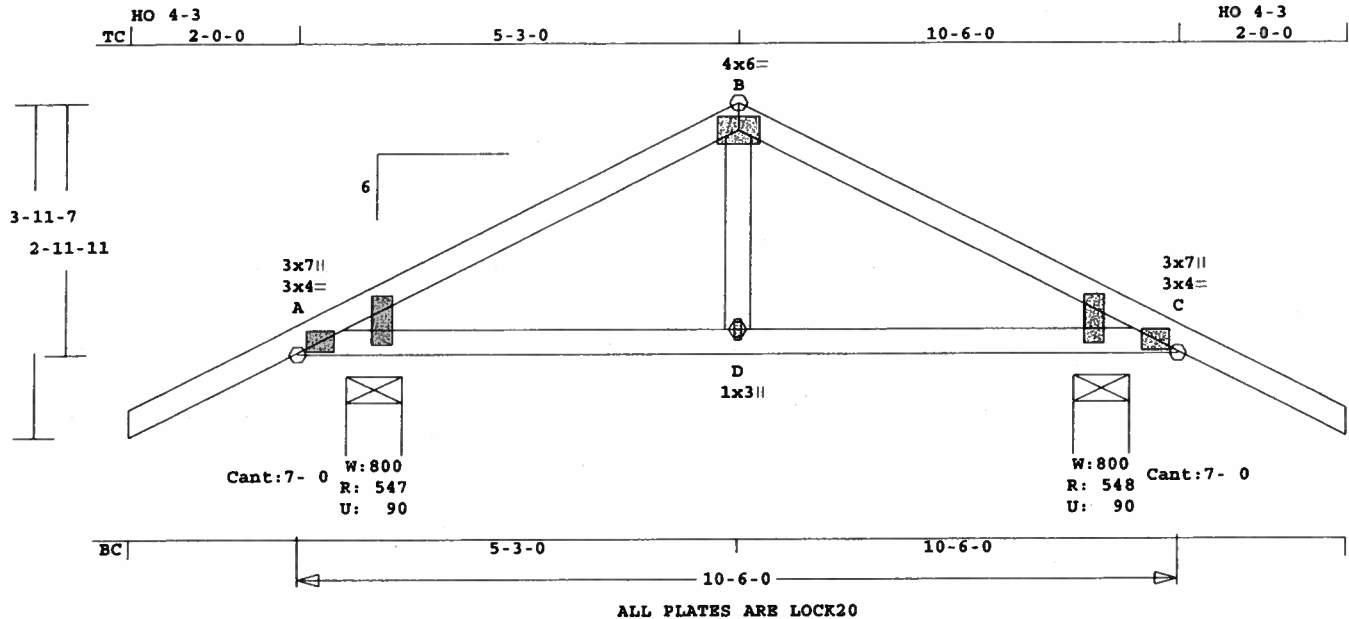
Truss Design Engineer: Vuong Phan

License #: 62111

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



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 57.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size-	Lumber----
TC 0.12	2x 4 SP-#2
BC 0.14	2x 4 SP-#2
WB 0.02	2x 4 SP-#2
WG ---	2x 4 SP-#2

Brace truss as follows:

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

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

-----Bottom Chords-----
A -D 0.14 364 T 0.06 0.08
D -C 0.14 364 T 0.06 0.08
-----Webs-----
D -B 0.02 186 T

TL Defl -0.01" in A -D L/999
LL Defl -0.01" in A -D L/999
Shear // Grain in A -B 0.14

Plates for each ply each face.
PLATING CONFORMS TO TPI.

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

Plate	LOCK	20 Ga,	Gross Area
Plate - LOCK 20 Ga, <td></td> <td></td> <td>Gross Area</td>			Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	3.0x 4.0	Ctr	Ctr 0.61
A LOCK	3.0x 7.0	Ctr	Ctr 0.00
B LOCK	4.0x 6.0	Ctr	Ctr 0.44
C LOCK	3.0x 4.0	Ctr	Ctr 0.61
C LOCK	3.0x 7.0	Ctr	Ctr 0.00
D LOCK	1.0x 3.0	Ctr	Ctr 0.75

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 408 Lbs
Quality Control Factor 1.25

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	548	90	8- 0	1- 8
			Hz =	-41
C	548	90	8- 0	1- 8
			Hz =	42

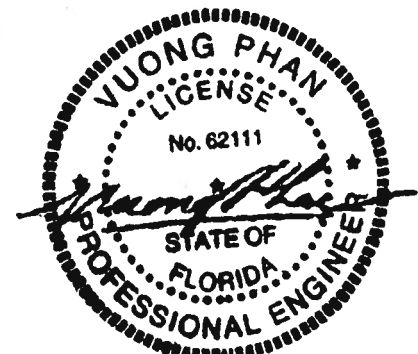
Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.12	408 C	0.00	0.12
B -C	0.12	408 C	0.00	0.12

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

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

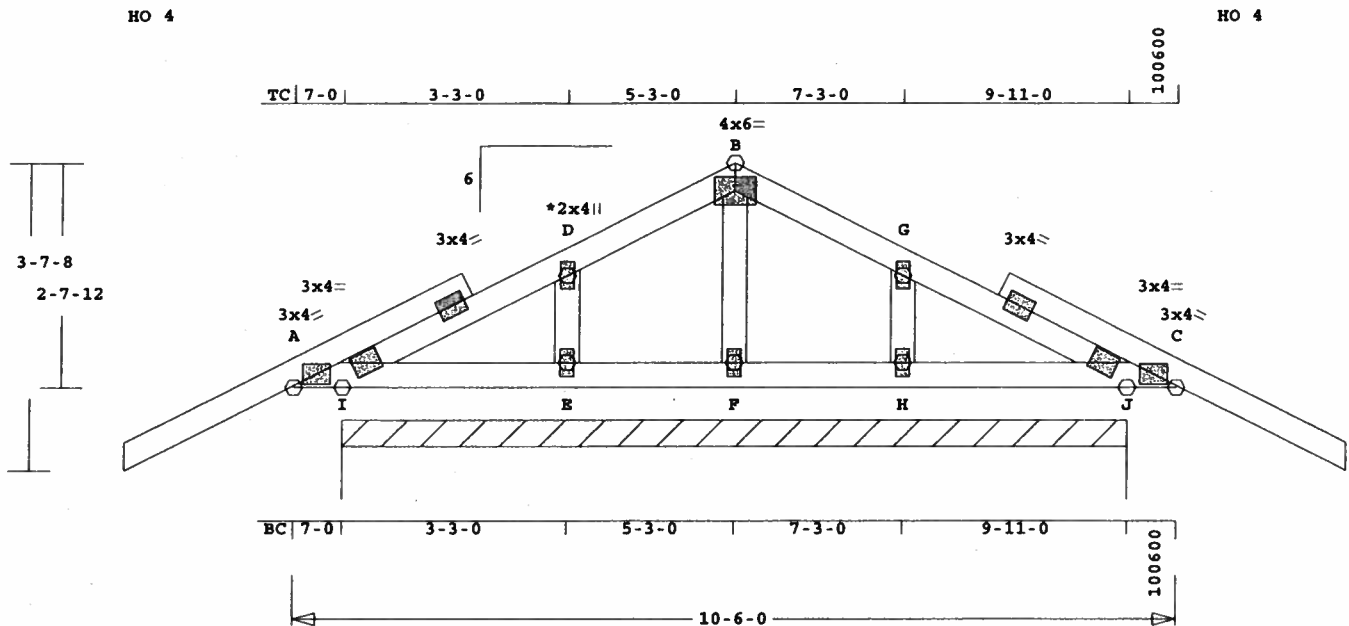
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	D2	1	TR	100600	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.444" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 65.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.05 2x 4 SP-#2
BC 0.04 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 10- 6- 0
BC Cont. 0- 0- 0 10- 6- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
Cont. Brg 0- 7- 0 to 9-11- 0
840 136 Hz = 36

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -D 0.05 117 C 0.00 0.05
D -B 0.05 136 C 0.00 0.05
B -G 0.05 136 C 0.00 0.05
G -C 0.05 117 C 0.00 0.05
-----Bottom Chords-----
A -E 0.04 2 T 0.00 0.04
E -F 0.03 0 T 0.00 0.03
F -H 0.03 0 T 0.00 0.03
H -C 0.04 2 T 0.00 0.04
-----Gable Webs-----

E -D 0.01 171 C
F -B 0.00 51 T
H -G 0.01 171 C
TL Defl 0.00" in I -E L/999
LL Defl 0.00" in I -E L/999
Shear // Grain in I -D 0.10

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.61
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.44
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.61
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00

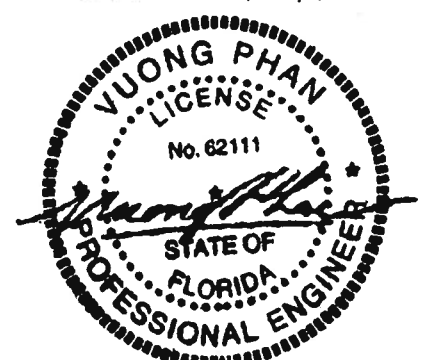
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.
Design checked for 10 psf non-

concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 171 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Mark
E1

Qua
1*2

Type
NNIP

Span
190000

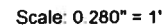
P1-H1
6

Left OH
0

Right OH
2- 0- 0

Engineering
T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



TRUSS WEIGHT: 193.6 LBS

★★★★★★★★★★★★★★★★★★★★

	CSI	-Size-	---Lumber---
TC	0.29	2x 4	SP-#2
BC	0.69	2x 8	SP-#2
WB	0.57	2x 4	SP-#2

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

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

Load Case # 1 Standard Loading				
Lumber		Duration	Factor	1.25
Plate		Duration	Factor	1.25
plf	- Live	Dead	From	To
TC V	40	20	0.0'	19.0'
BC V	0	20	0.0'	19.0'
BC V	320	320	0.0'	11.0'
BC V	1194	1194	11.9'	CL-LB

Jt	React Lbs	Uplift Lbs	Size In-Sx	Req'd In-Sx
E	6676	899	8- 0 Hz =	3-15 -241
C	4399	581	8- 0 Hz =	2-10 107

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -B	0.22	3672 C	0.03 0.19
B -H	0.22	4079 C	0.03 0.19
H -I	0.18	6638 C	0.10 0.08
I -J	0.29	8894 C	0.19 0.10
J -C	0.29	9065 C	0.19 0.10
-----Bottom Chords-----			

E	-D	0.45	191	T	0.00	0.45
D	-G	0.67	5934	T	0.33	0.34
G	-F	0.69	7962	T	0.45	0.24
F	-C	0.61	8106	T	0.45	0.16
-----WebS-----						
E	-A	0.42	5171	C	WindLd	
A	-D	0.57	6219	T		
D	-B	0.13	1642	T		
D	-H	0.28	3955	C		
G	-H	0.39	4247	T		
G	-I	0.16	2960	C		
F	-I	0.27	3003	T		
F	-J	0.00	167	C		

TL Defl	-0.20"	in G	-F	L/999
LL Defl	-0.10"	in G	-F	L/999
Shear //	Grain	in E	-D	0.58

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBERNS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.

Plate -	LOCK	20 Ga,	Gross Area						
Plate -	RHS	20 Ga,	Gross Area						
Jt	Type	Plt Size	X	Y	JSI				
A	LOCK	5.0x	5.0	Ctr	Ctr	0.99			
B	LOCK	4.0x	6.0	Ctr	Ctr	0.84			
H	LOCK	4.0x	6.0	Ctr	Ctr	0.87			
I	LOCK	5.0x	5.0	0.2	0.5	0.77			
J	LOCK	1.0x	3.0	Ctr	Ctr	0.75			
C	LOCK	4.0x	8.0	Ctr	-0.1	0.83			
E	LOCK	3.0x	4.0	Ctr	Ctr	0.74			
D	LOCK	8.0x10.0	-1.0	-1.5	0.99				
G	LOCK	4.0x	6.0	Ctr	-0.6	0.71			
F	LOCK	4.0x	8.0	Ctr	-1.0	0.80			

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

Rows	Nails	Screws	Bolts
------	-------	--------	-------

TC	1	12	24	0
BC	2	11.5	21.5	0
WB	1	8	8	

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

E- A
Plus clusters of nails where
shown.

OH Loading
Soffit psf 2.0

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

Prevent truss rotation at all bearing locations.

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

Wind-Force Resistance System.
Wind Speed: 110 mph

Mean Roof Height: 15-0
Exposure Category: B

Occupancy Factor : 1.00
Building Type: Enclosed

Zone location: Exterior
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf
Max comp. force 9065 Lbs

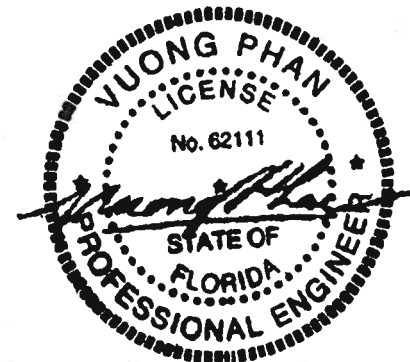
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-

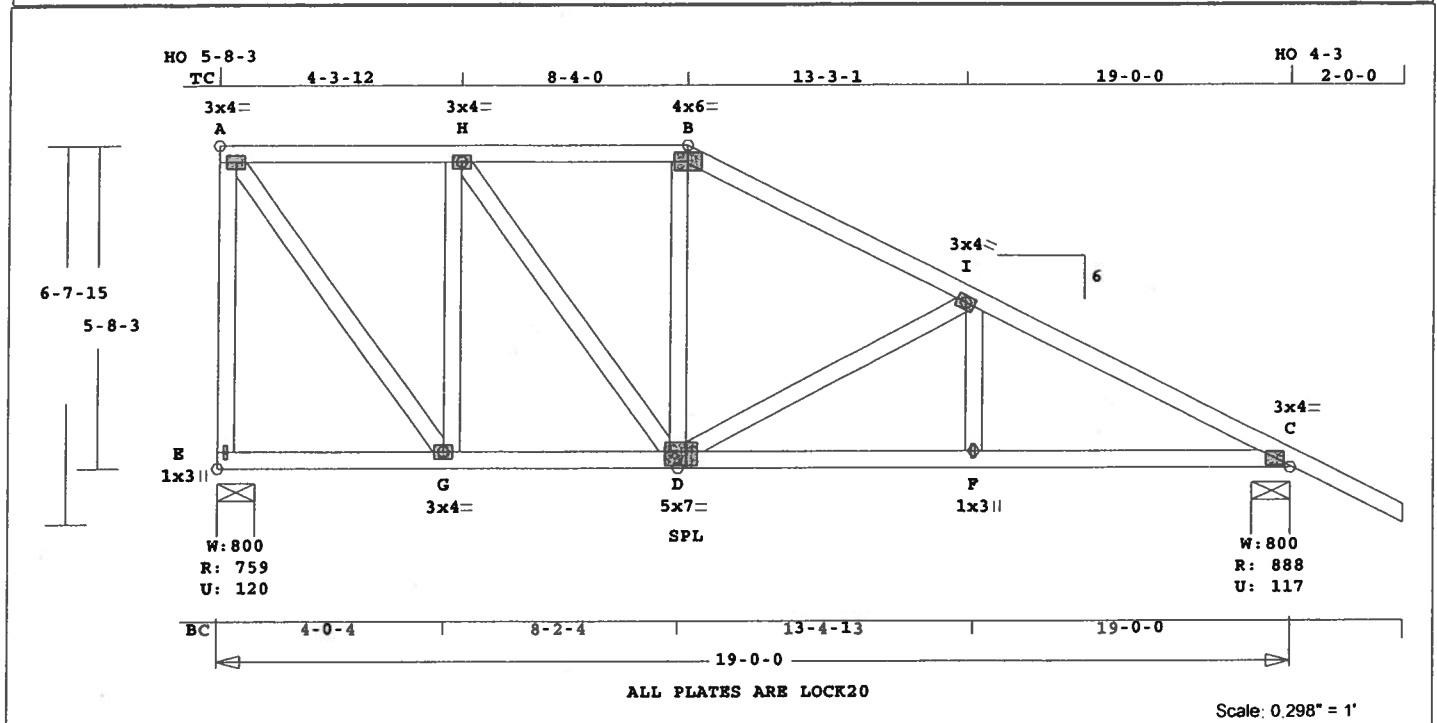




Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 136.5 LBS

A circular professional engineer seal for Vuong Phan. The outer ring contains the text "VUONG PHAN" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom, also separated by two stars. In the center, the license number "No. 62111" is printed. A handwritten signature, "Vuong Phan", is written across the seal, crossing over the "STATE OF FLORIDA" text.

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E3	1	HHIP	190000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 146.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC	0.26	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.26	2x 4	SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	760	121	8- 0	1- 8
			Hz =	-189
C	888	117	8- 0	1- 8
			Hz =	84

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -H	0.17	461 C	0.00	0.17
H -B	0.17	652 C	0.00	0.17
B -I	0.26	737 C	0.00	0.26
I -C	0.26	1207 C	0.00	0.26
-----Bottom Chords-----				
E -G	0.09	149 T	0.00	0.09
G -D	0.14	461 T	0.04	0.10
D -F	0.26	1085 T	0.18	0.08
F -C	0.27	1085 T	0.18	0.09

-----Webs-----			
E -A	0.26	723 C	WindLd
A -G	0.14	771 T	
G -H	0.19	532 C	
H -D	0.05	318 T	
D -B	0.02	159 T	
D -I	0.21	493 C	
F -I	0.03	222 T	

TL Defl -0.06" in D -F L/999
LL Defl -0.02" in D -F L/999
Shear // Grain in B -I 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga,	Gross Area
Plate	RHS	20 Ga, <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y
			JSI
A	LOCK	3.0x 4.0	Ctr Ctr 0.67
H	LOCK	3.0x 4.0	Ctr Ctr 0.50
B	LOCK	4.0x 6.0	Ctr Ctr 0.84
I	LOCK	3.0x 4.0	Ctr Ctr 0.56
C	LOCK	3.0x 4.0	Ctr Ctr 0.75
E	LOCK	1.0x 3.0	Ctr Ctr 0.81
G	LOCK	3.0x 4.0	Ctr Ctr 0.51
D	LOCK	5.0x 7.0-1.0-0.5	0.58
F	LOCK	1.0x 3.0	Ctr Ctr 0.81

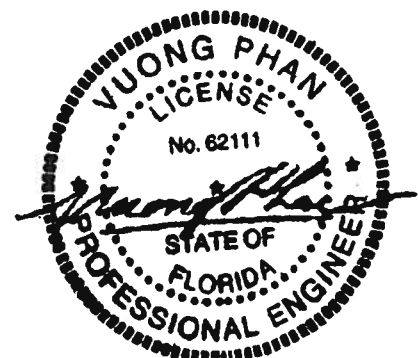
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

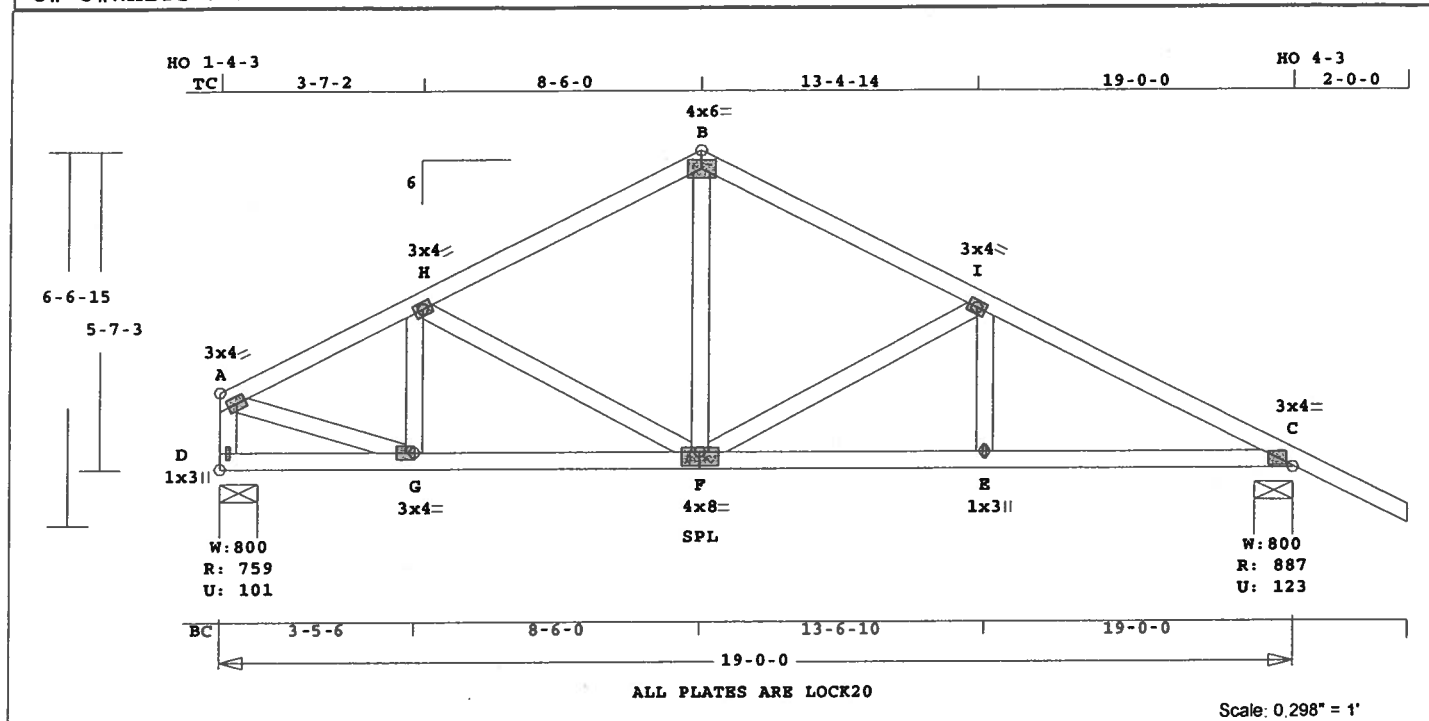
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1207 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E4	5	TR	190000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 127.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.24 2x 4 SP-#2
BC 0.27 2x 4 SP-#2
WB 0.18 2x 4 SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	760	102	8- 0	1- 8
			Hz =	-112
C	888	123	8- 0	1- 8
			Hz =	93

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -H	0.19	861 C	0.00	0.19
H -B	0.19	763 C	0.00	0.19
B -I	0.24	765 C	0.00	0.24
I -C	0.24	1213 C	0.00	0.24
-----Bottom Chords-----				
D -G	0.09	98 T	0.00	0.09
G -F	0.22	783 T	0.08	0.14
F -E	0.26	1090 T	0.18	0.08
E -C	0.27	1090 T	0.18	0.09

Web	W	W	W
D -A	0.06	731 C	WindLd
A -G	0.15	827 T	
G -H	0.02	177 C	
H -F	0.04	118 C	
F -B	0.07	413 T	
F -I	0.18	468 C	
E -I	0.03	207 T	

TL Defl -0.06" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in H -B 0.18

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - LOCK	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y JSI
A LOCK	3.0x 4.0	Ctr	Ctr 0.67
H LOCK	3.0x 4.0	Ctr	Ctr 0.56
B LOCK	4.0x 6.0	Ctr	Ctr 0.53
I LOCK	3.0x 4.0	Ctr	Ctr 0.56
C LOCK	3.0x 4.0	Ctr	Ctr 0.75
D LOCK	1.0x 3.0	Ctr	Ctr 0.81
G LOCK	3.0x 4.0	Ctr	Ctr 0.50
F LOCK	4.0x 8.0	Ctr	-1.0 0.60
E LOCK	1.0x 3.0	Ctr	Ctr 0.81

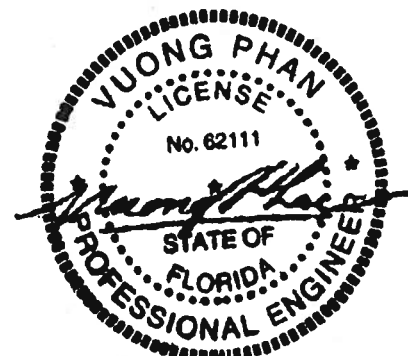
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

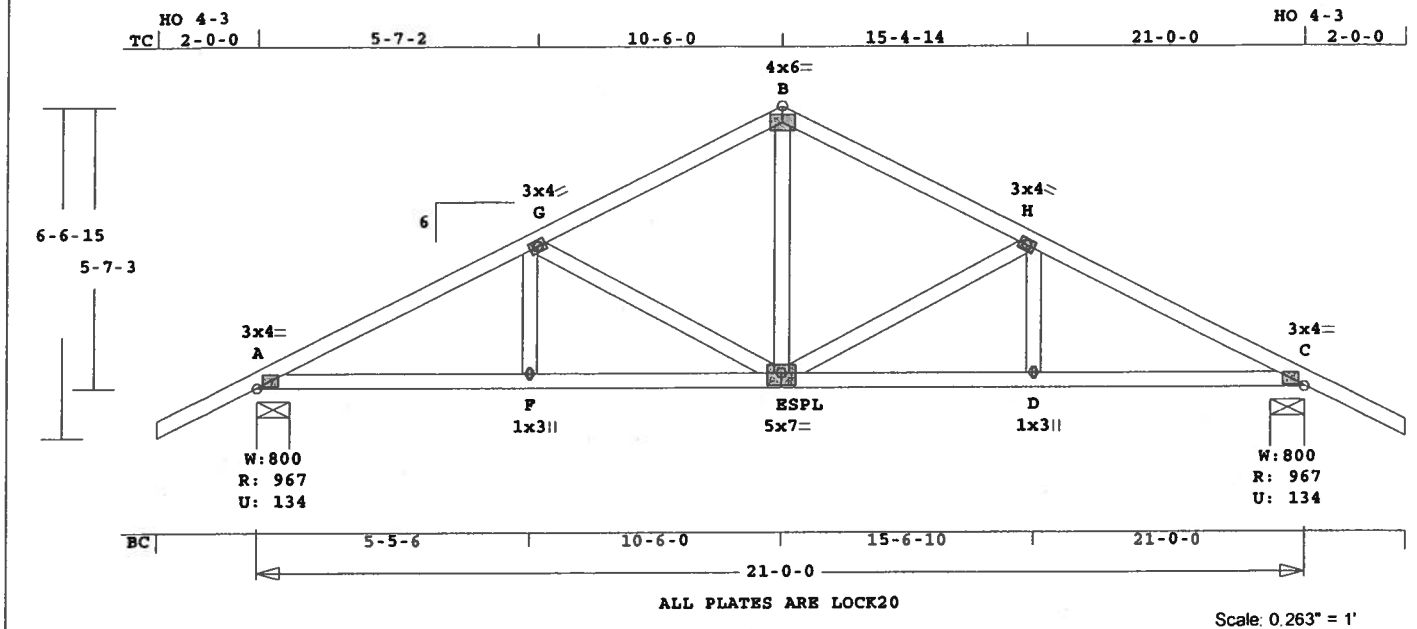
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1213 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E5	1	SP	210000	6	2- 0- 0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 132.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.24 2x 4 SP-#2
BC 0.28 2x 4 SP-#2
WB 0.18 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 21- 0- 0
BC Cont. 0- 0- 0 21- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	968	134	8- 0	1- 8
			Hz =	-97
C	968	134	8- 0	1- 8
			Hz =	98

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -G	0.24	1382	C	0.01	0.23
G -B	0.23	939	C	0.00	0.23
B -H	0.23	939	C	0.00	0.23
H -C	0.24	1382	C	0.01	0.23

-----Bottom Chords-----
A -F 0.28 1241 T 0.20 0.08
F -E 0.28 1241 T 0.20 0.08
E -D 0.28 1241 T 0.20 0.08
D -C 0.28 1241 T 0.20 0.08
-----Webs-----
F -G 0.03 205 T
G -E 0.18 462 C
E -B 0.10 548 T
E -H 0.18 462 C
D -H 0.03 205 T

TL Defl -0.08" in F -E L/999
LL Defl -0.04" in F -E L/999
Shear // Grain in A -G 0.18

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.78
G LOCK 3.0x 4.0 Ctr Ctr 0.59
B LOCK 4.0x 6.0 Ctr Ctr 0.56
H LOCK 3.0x 4.0 Ctr Ctr 0.59
C LOCK 3.0x 4.0 Ctr Ctr 0.78
F LOCK 1.0x 3.0 Ctr Ctr 0.81
E LOCK 5.0x 7.0 Ctr-0.5 0.58
D LOCK 1.0x 3.0 Ctr Ctr 0.81

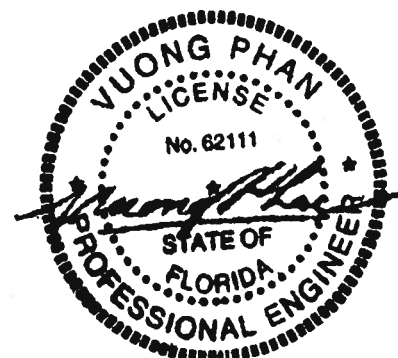
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

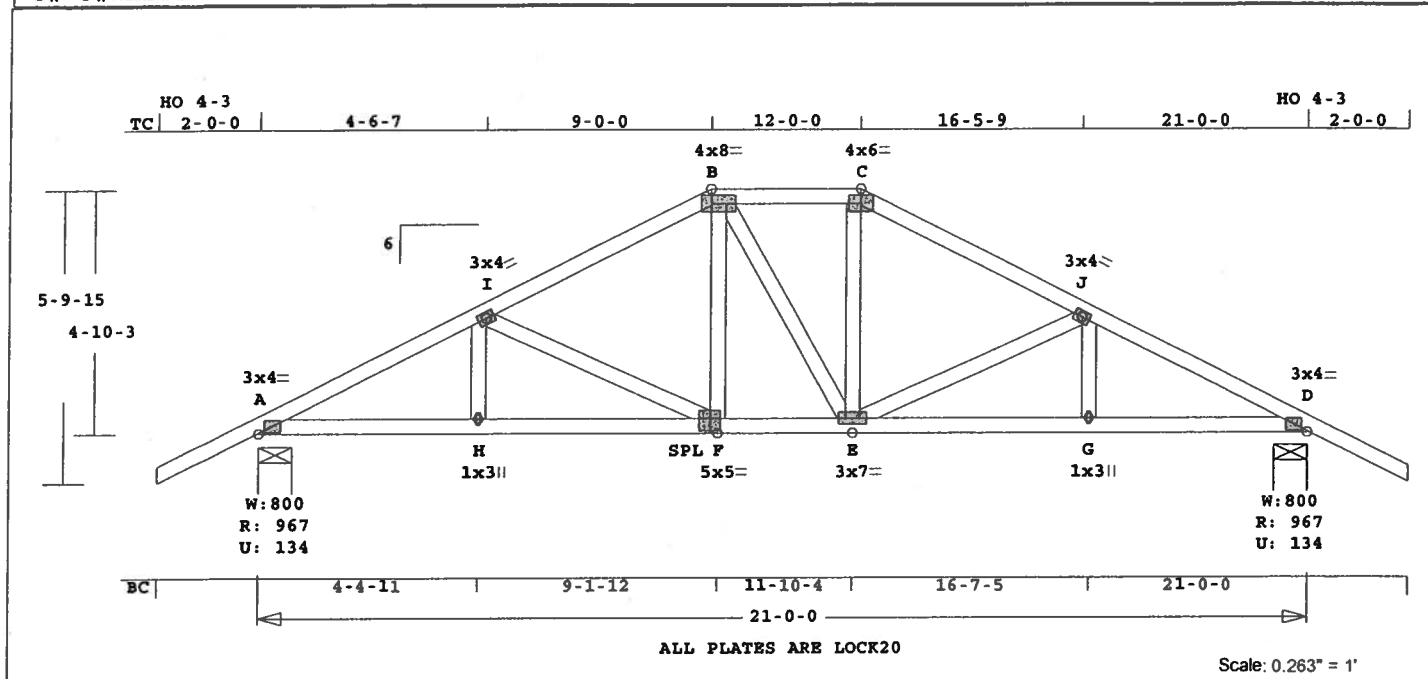
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1382 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E6	1	HIPP	210000	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 143.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber-----
TC 0.16 2x 4 SP-#2
BC 0.28 2x 4 SP-#2
WB 0.13 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 21- 0- 0
BC Cont. 0- 0- 0 21- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
A 968 134 8- 0 1- 8
Hz = -83
D 968 134 8- 0 1- 8
Hz = 84

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -I 0.15 1442 C 0.01 0.14
I -B 0.16 1053 C 0.01 0.15
B -C 0.05 939 C 0.00 0.05
C -J 0.16 1053 C 0.01 0.15
J -D 0.16 1442 C 0.01 0.15
-----Bottom Chords-----
A -H 0.25 1291 T 0.21 0.04
H -F 0.28 1291 T 0.21 0.07
F -E 0.20 935 T 0.15 0.05
E -G 0.27 1292 T 0.21 0.06
G -D 0.25 1292 T 0.21 0.04

-----Webs-----
H -I 0.02 177 T
I -F 0.13 387 C
F -B 0.04 268 T
B -E 0.01 61 T
E -C 0.04 265 T
E -J 0.13 389 C
G -J 0.02 175 T

TL Defl -0.09" in H -F L/999
LL Defl -0.04" in H -F L/999
Shear // Grain in I -B 0.16

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.78
I LOCK 3.0x 4.0 Ctr Ctr 0.59
B LOCK 4.0x 8.0 Ctr Ctr 0.87
C LOCK 4.0x 6.0 Ctr Ctr 0.87
J LOCK 3.0x 4.0 Ctr Ctr 0.59
D LOCK 3.0x 4.0 Ctr Ctr 0.78
H LOCK 1.0x 3.0 Ctr Ctr 0.81
F LOCK 5.0x 5.0 Ctr-0.5 0.58
E LOCK 3.0x 7.0 Ctr Ctr 0.50
G LOCK 1.0x 3.0 Ctr Ctr 0.81

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

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

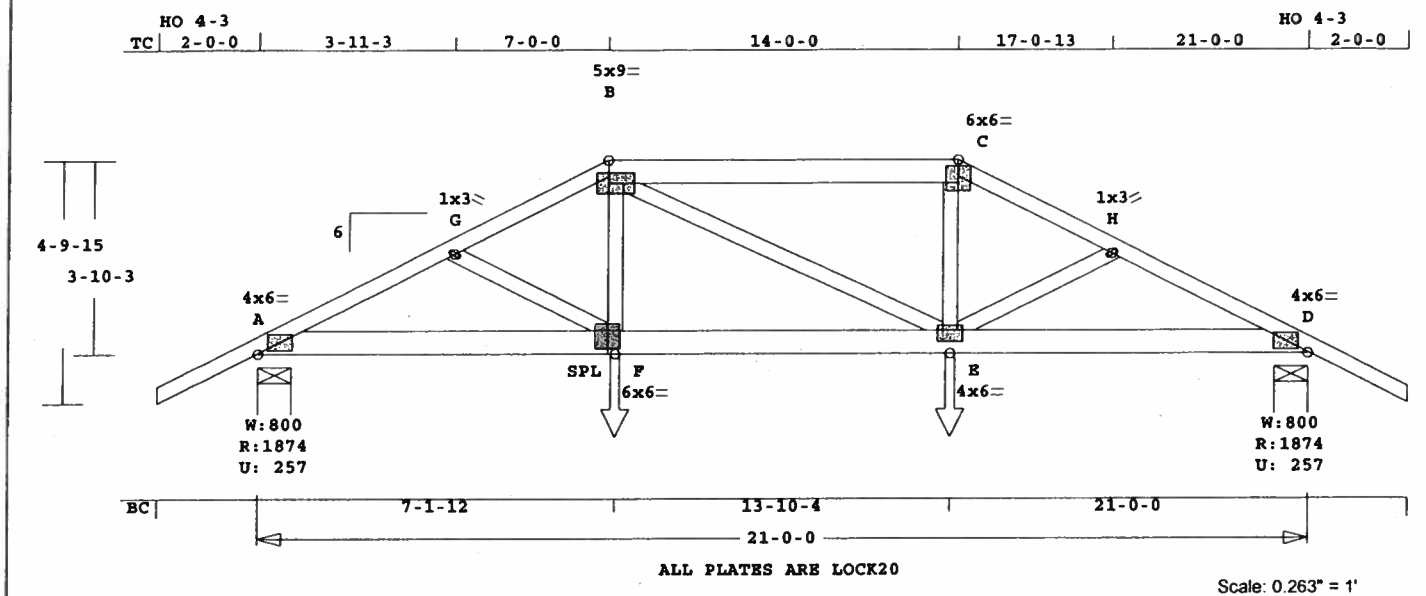
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading

Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1442 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E7	1	HIPP	210000	6	2- 0- 0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 155.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	-----Lumber-----
TC	0.76	2x 4	SP-#2
EX B -C	2x 6	SP-#2	
BC	0.59	2x 6	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:

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

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

Load Case # 1 Girder Loading

	Lumber Duration Factor	1.25
TC V	40	20
BC V	0	20
TC V	50	25
BC V	0	25
BC V	280	280
BC V	280	280

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1874	257	8- 0	2- 3
			Hx =	-63
D	1874	257	8- 0	2- 3
			Hx =	64

Membr CSI P Lbs Ax1-CSI-Bnd

-----Top Chords-----					
A -G	0.35	3364	C	0.10	0.25
G -B	0.76	3282	C	0.08	0.68
B -C	0.95	3026	C	0.04	0.91
C -H	0.73	3327	C	0.09	0.64
H -D	0.32	3414	C	0.10	0.22
-----Bottom Chords-----					
A -F	0.55	2991	T	0.40	0.15
F -E	0.59	2961	T	0.39	0.20
E -D	0.53	3034	T	0.40	0.13
-----Webs-----					
G -F	0.01	71	T		
F -B	0.14	833	T		
B -E	0.02	80	T		
E -C	0.14	860	T		
E -H	0.00	64	T		

TL Defl -0.26" in F -E L/919
LL Defl -0.12" in F -E L/999
Shear // Grain in B -C 0.36

Plates for each ply each face.
PLATING CONFORMS TO TPI.

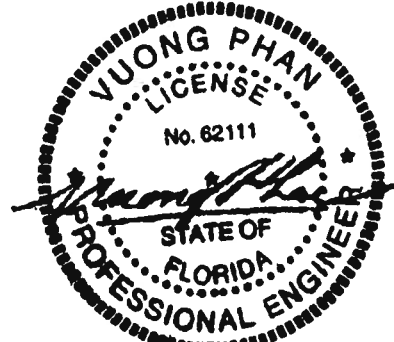
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.75
G LOCK 1.0x 3.0 Ctr Ctr 0.75
B LOCK 5.0x 9.0 Ctr Ctr 0.85
C LOCK 6.0x 6.0 Ctr-0.6 0.50
H LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 4.0x 6.0 Ctr Ctr 0.77
F LOCK 6.0x 6.0 Ctr-1.2 0.52
E LOCK 4.0x 6.0 Ctr-0.8 0.63

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

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

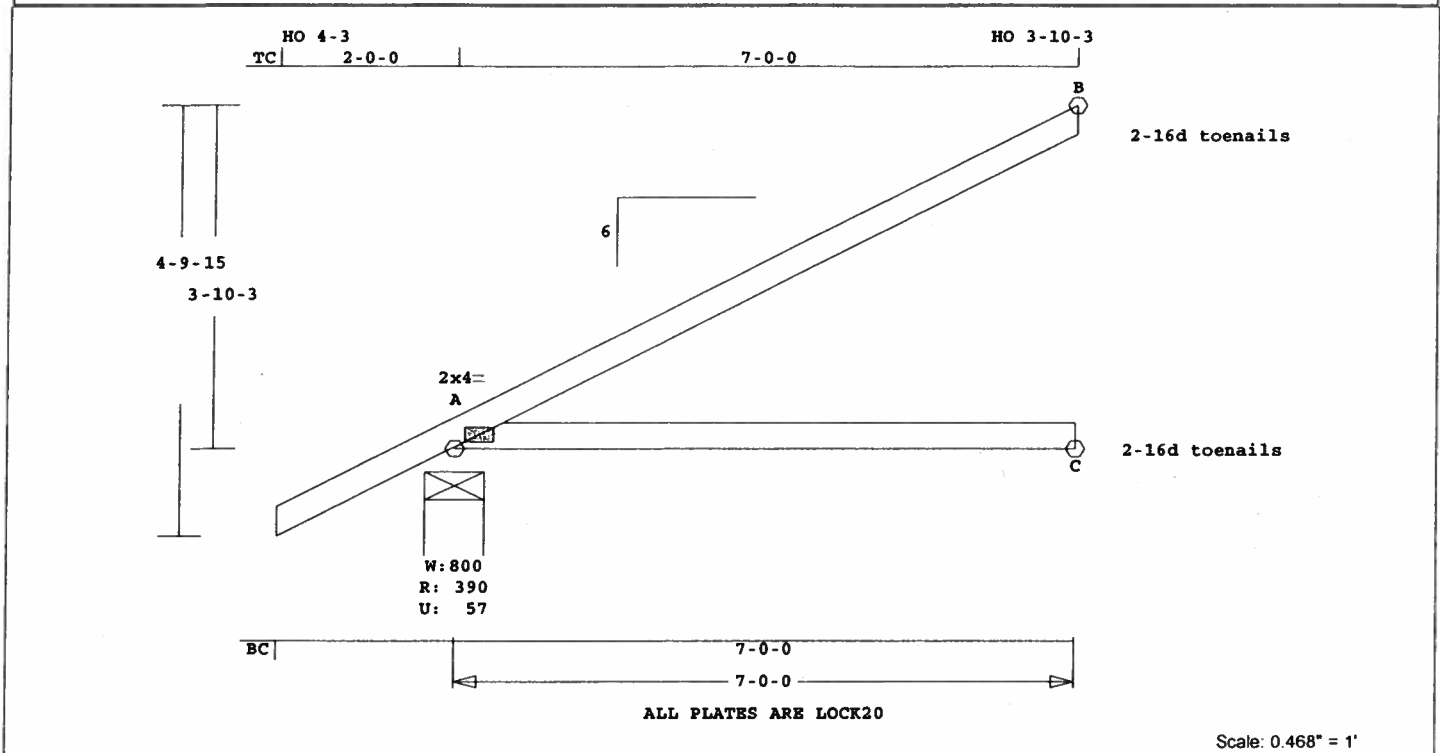
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3414 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J1	41	JCA2	70000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.5 LBS

A -C 0.36 0 T 0.00 0.36

concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

TL Defl -0.19" in A -C L/407
LL Defl -0.08" in A -C L/999
Shear // Grain in A -B 0.23

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

CSI -Size- ----Lumber----
TC 0.50 2x 4 SP-#2
BC 0.36 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

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

BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 49 Lbs
Quality Control Factor 1.25

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

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

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

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

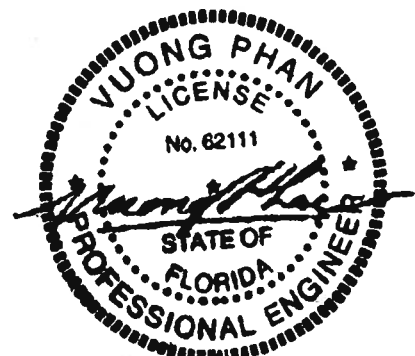
Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	390	58	8- 0	1- 8
			Hz =	105
C	128	0	1- 8	1- 8
B	183	79	1- 8	1- 8
			Hz =	72

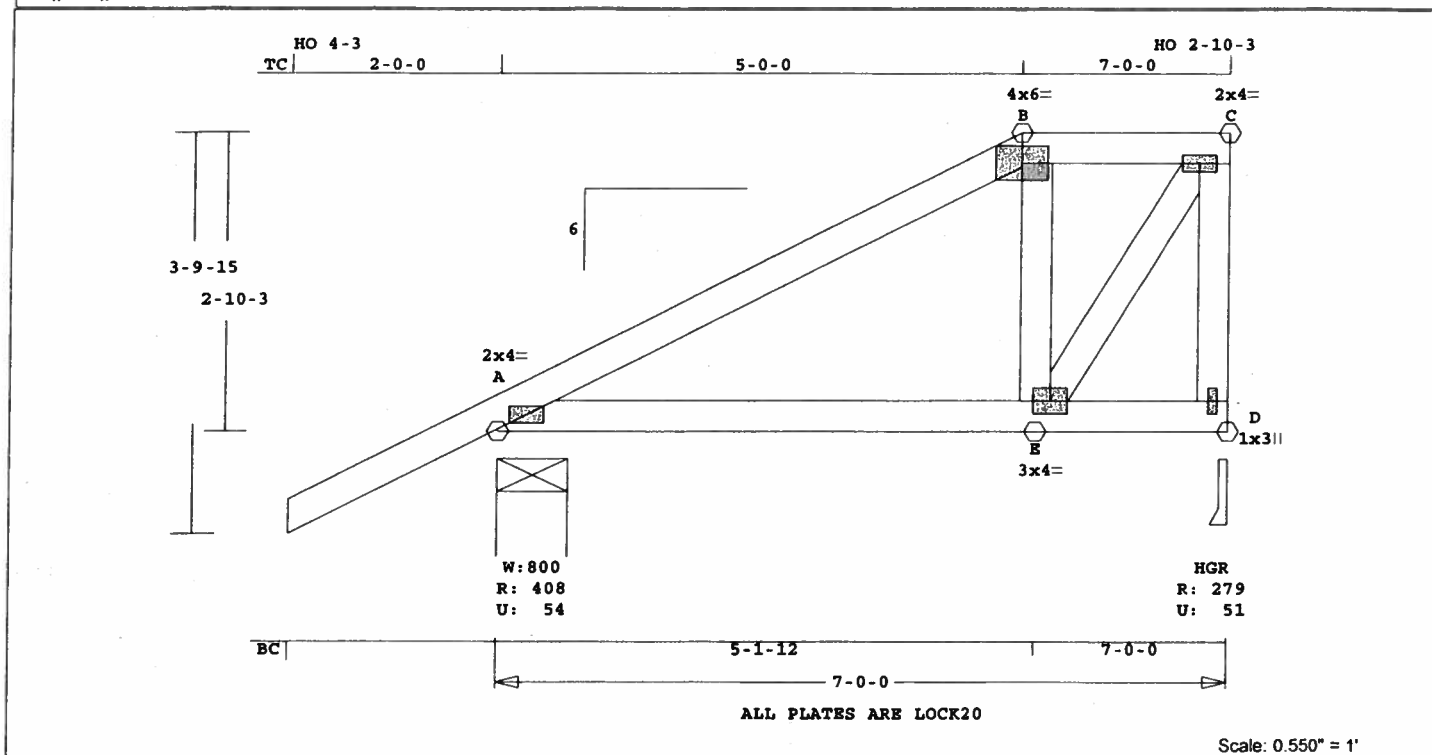
For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.50	49	C	0.00	0.50
-----Bottom Chords-----					



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.20	2x 4 SP-#2
BC	0.17	2x 4 SP-#2
WB	0.06	2x 4 SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	408	55	8- 0	1- 8
			Hz =	-34
D	280	52	3- 8	1- 8
			Hz =	89

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.20	203 C	0.00	0.20
B -C	0.08	181 C	0.00	0.08

-----Bottom Chords-----
A -E 0.17 181 T 0.03 0.14
E -D 0.12 69 T 0.00 0.12
-----Webs-----
E -B 0.01 140 C
E -C 0.06 326 T
D -C 0.03 298 C WindLd
TL Defl -0.03" in A -E L/999
LL Defl -0.01" in A -E L/999
Shear // Grain in A -B 0.15

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69
B LOCK 4.0x 6.0 Ctr Ctr 0.62
C LOCK 2.0x 4.0 Ctr Ctr 0.75
E LOCK 3.0x 4.0 Ctr Ctr 0.38
D LOCK 1.0x 3.0 Ctr Ctr 0.75

Analysis Conforms To:

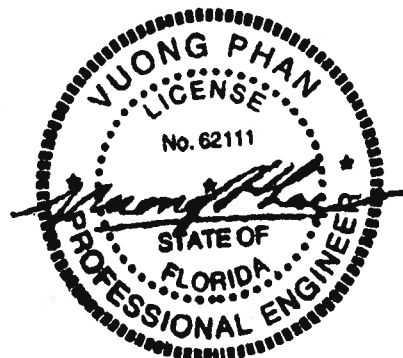
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 298 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

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

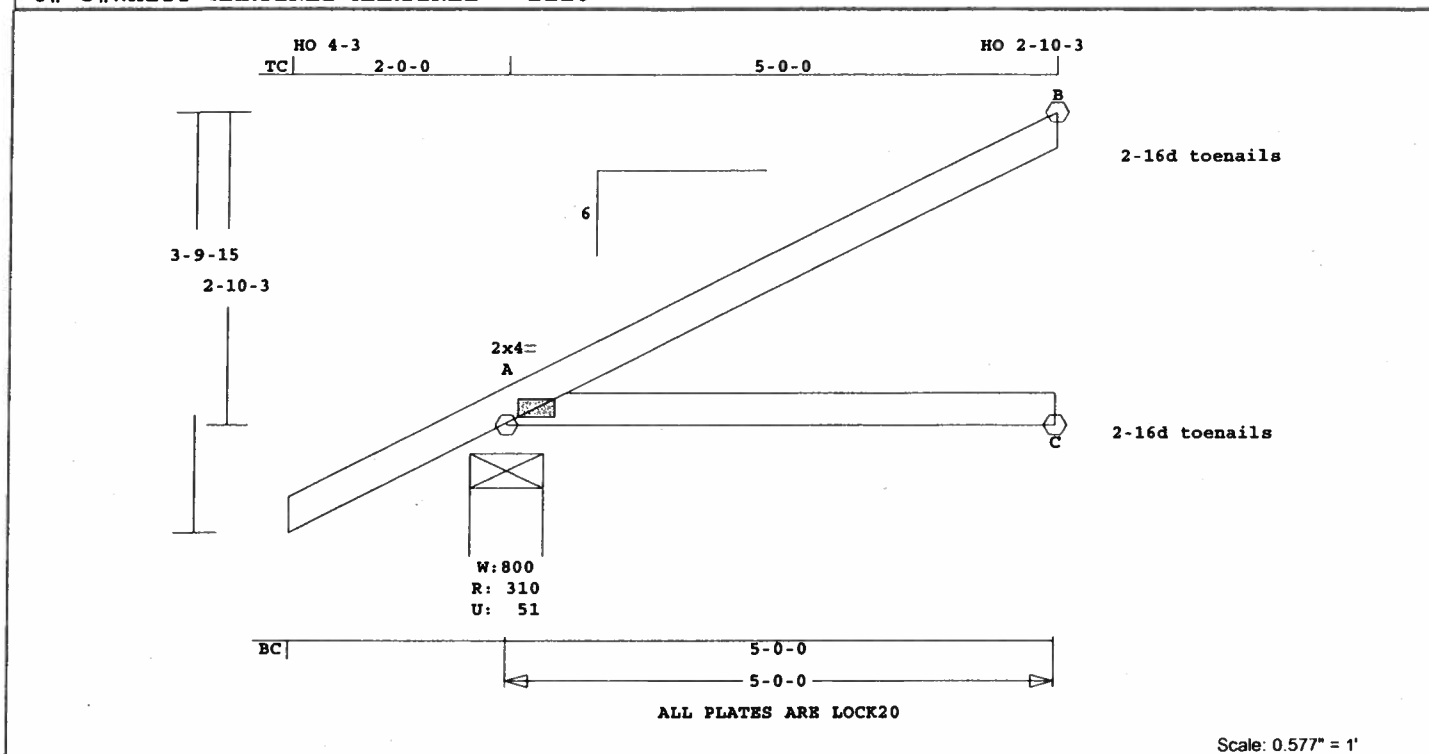
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J2	10	JCA2	50000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.5 LBS
A - C 0.18 0 T 0.00 0.18

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber-----
TC 0.25 2x 4 SP-#2
BC 0.18 2x 4 SP-#2

Brace truss as follows:

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

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.65

REVIEWED BY:

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

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

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

NOTES:

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

FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

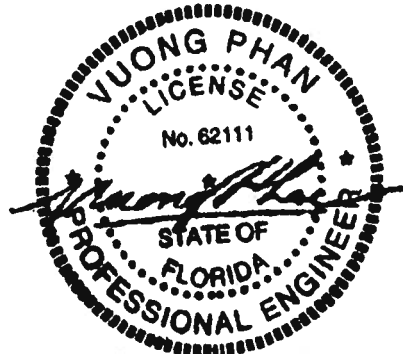
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 34 Lbs
Quality Control Factor 1.25

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	310	52	8- 0	1- 8
			Hz =	74
C	90	0	1- 8	1- 8
B	129	56	1- 8	1- 8
			Hz =	51

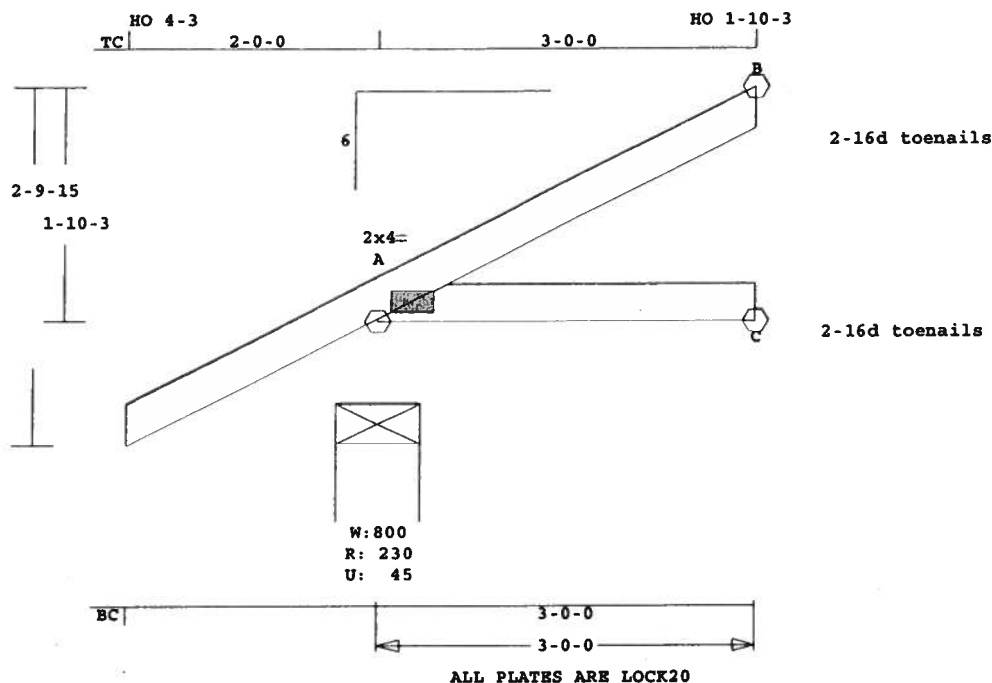
Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -B 0.25 34 C 0.00 0.25
-----Bottom Chords-----

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J3	16	JCA2	30000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.665" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.5 LBS

A -C 0.06 0 T 0.00 0.06

concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.08

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 19 Lbs

Quality Control Factor 1.25

CSI -Size- ----Lumber----
TC 0.08 2x 4 SP-#2
BC 0.06 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.65

Brace truss as follows:

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

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

Truss Design Engineer: Vuong Phan

License #: 62111

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

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 230 46 8- 0 1- 8

Hx = 44

C 52 0 1- 8 1- 8

B 74 32 1- 8 1- 8

Hx = 30

Membr CSI P Lbs Axl-Csi-Bnd

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

A -B 0.08 20 T 0.00 0.08

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

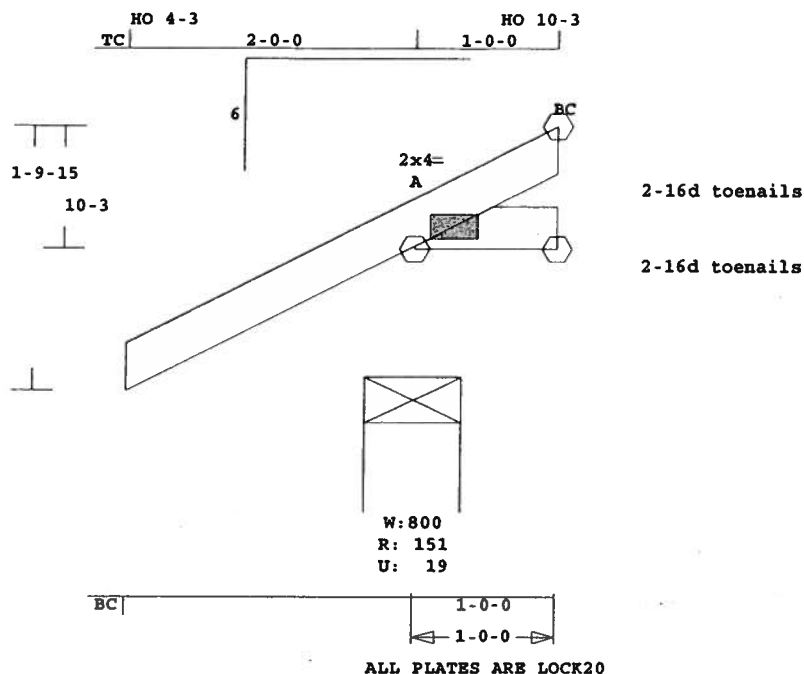
Soffit psf 2.0

Design checked for 10 psf non-



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J4	14	JCA2	10000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.759" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.5 LBS

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

Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

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

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.65

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4 Lbs
Quality Control Factor 1.25

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

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

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

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

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

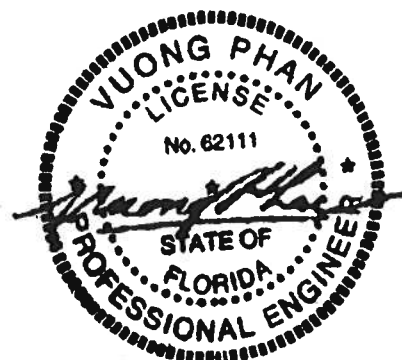
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	151	20	3- 8	1- 8
B	20	9	1- 8	1- 8
C	14	0	1- 8	1- 8

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

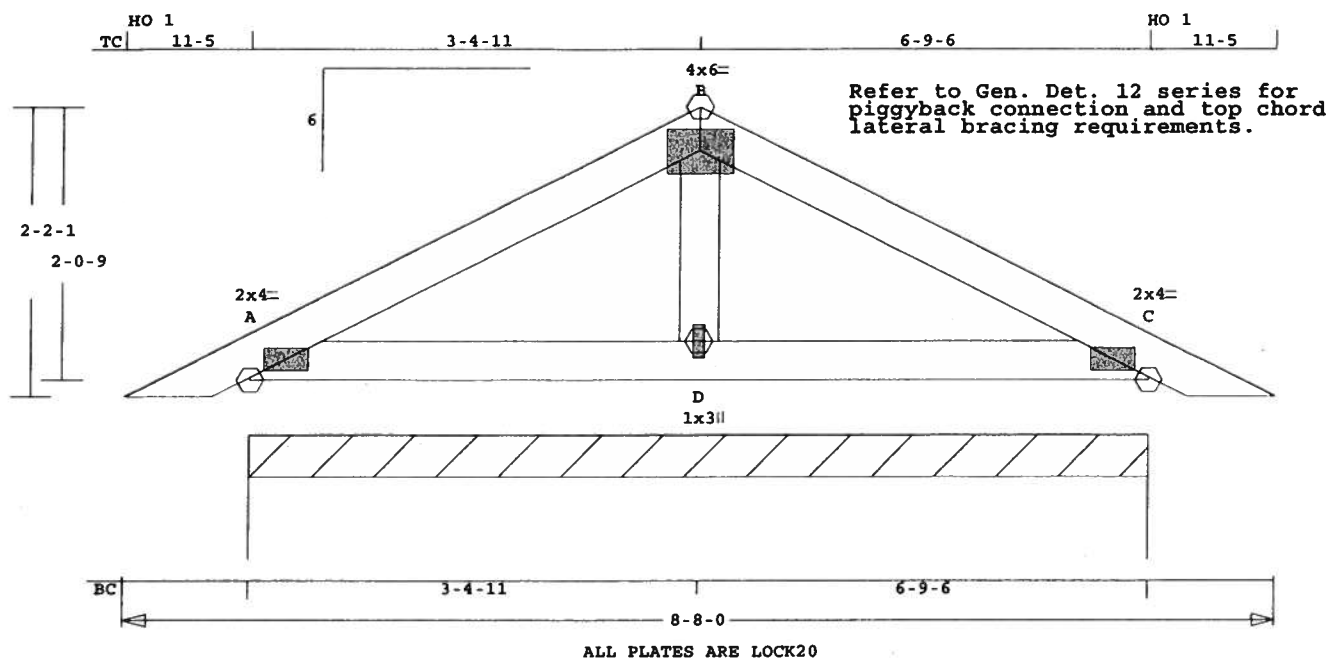
Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -B 0.00 4 C
-----Bottom Chords-----
A -C 0.00 8 T

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.712" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.07	2x 4 SP-#2
BC	0.07	2x 4 SP-#2
WB	0.00	2x 4 SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to	6- 9- 6	
	663	93	Hz	= 27

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -B	0.07		161 C	0.00	0.07	
B -C	0.07		161 C	0.00	0.07	
-----Bottom Chords-----						
A -D	0.07		6 C	0.00	0.07	

D -C	0.07	6 C	0.00	0.07
-----Webs-----				
D -B	0.00	45 C		

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga <td></td> <td>Gross Area</td>		Gross Area
Jt Type	Plt Size	X	Y JSI
A	LOCK	2.0x 4.0	Ctr Ctr 0.69
B	LOCK	4.0x 6.0	Ctr Ctr 0.39
C	LOCK	2.0x 4.0	Ctr Ctr 0.69
D	LOCK	1.0x 3.0	Ctr Ctr 0.75

REVIEWED BY:

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 161 Lbs

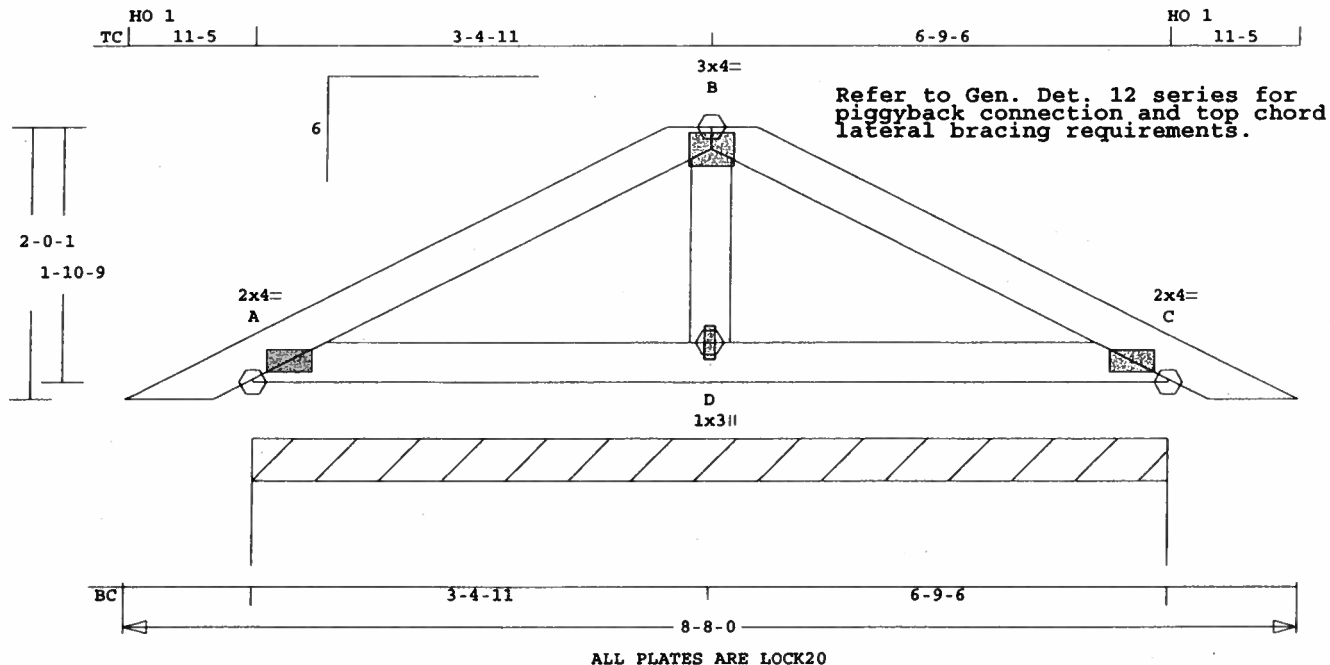
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	P2	2	TR	80800	6	11- 5	11- 5	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.712" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.5 LBS

D -C 0.07 6 C 0.00 0.07

-----Webs-----

D -B 0.00 45 C

TL Defl 0.00" in A -D L/999

LL Defl 0.00" in A -D L/999

Shear // Grain in A -B 0.10

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.69

B LOCK 3.0x 4.0 Ctr Ctr 0.55

C LOCK 2.0x 4.0 Ctr Ctr 0.69

D LOCK 1.0x 3.0 Ctr Ctr 0.75

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 161 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC 0.07 2x 4 SP-#2

BC 0.07 2x 4 SP-#2

WB 0.00 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 8- 8- 0

BC Cont. 0- 0- 0 8- 8- 0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

Cont. Brg 0- 0- 0 to 6- 9- 6

663 93 Hz = 27

Membr CSI P Lbs Axl-C SI-Bnd

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

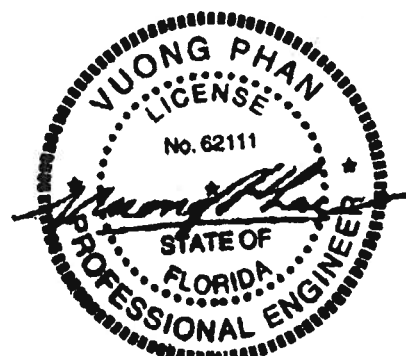
A -B 0.07 161 C 0.00 0.07

B -C 0.07 161 C 0.00 0.07

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

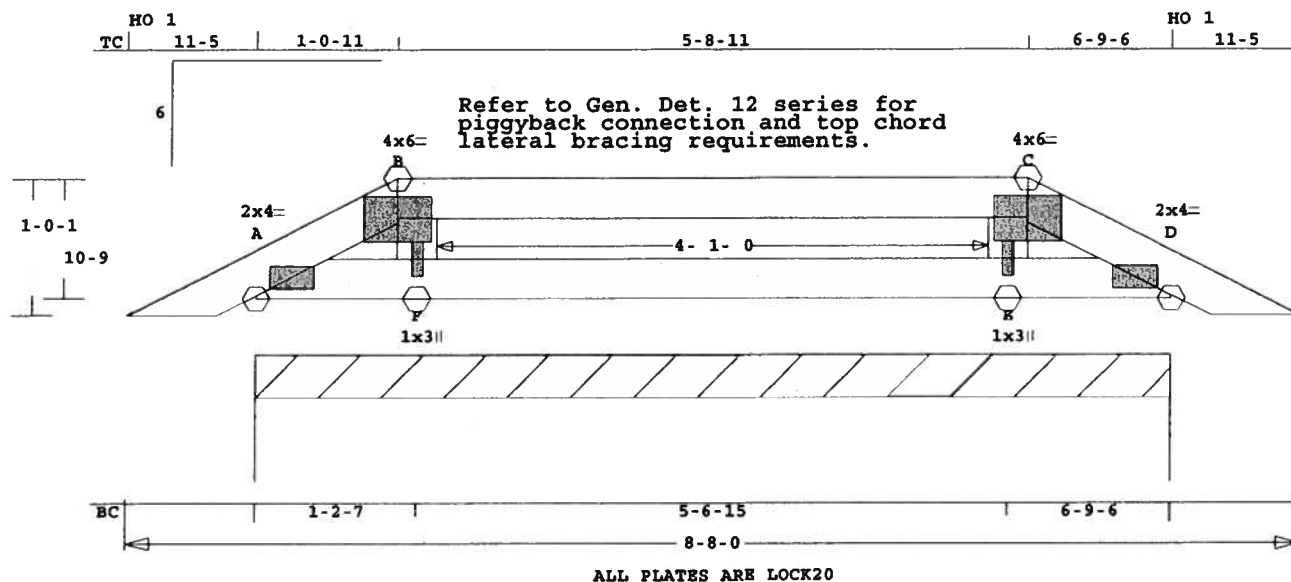
A -D 0.07 6 C 0.00 0.07

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	P3	2	HIPP	80800	6	11- 5	11- 5	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.712" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.2 LBS

E -D 0.08 3 T 0.00 0.08

-----Webs-----

F -B 0.02 220 C

E -C 0.02 220 C

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.17 2x 4 SP-#2
BC 0.08 2x 4 SP-#2
WB 0.02 2x 4 SP-#2

TL Defl -0.01" in F -E L/999
LL Defl -0.01" in F -E L/999
Shear // Grain in B -C 0.16

Brace truss as follows:

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

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

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69
B LOCK 4.0x 6.0 Ctr Ctr 0.61
C LOCK 4.0x 6.0 Ctr Ctr 0.61
D LOCK 2.0x 4.0 Ctr Ctr 0.69
F LOCK 1.0x 3.0 Ctr Ctr 0.75
E LOCK 1.0x 3.0 Ctr Ctr 0.75

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

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 220 Lbs

Quality Control Factor 1.25

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 6- 9- 6		
	663	123	Hz =	8

REVIEWED BY:

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

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.04	13 T	0.00	0.04	
B -C	0.17	14 C	0.00	0.17	
C -D	0.04	13 T	0.00	0.04	
-----Bottom Chords-----					
A -F	0.08	3 T	0.00	0.08	
F -E	0.08	0 T	0.00	0.08	

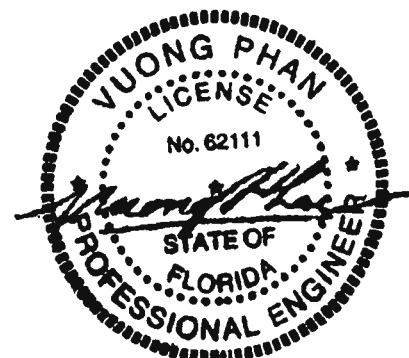
NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

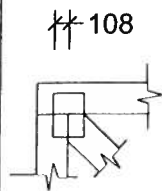
OH Loading

Soffit psf 2.0



ROBBINS ENG. GENERAL NOTES & SYMBOLS

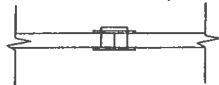
PLATE LOCATION



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

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



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

LATERAL BRACING

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

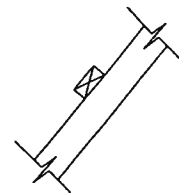
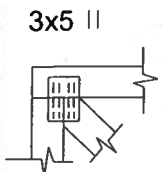


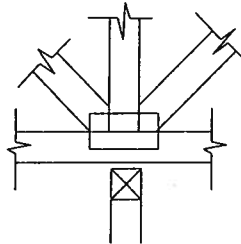
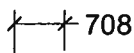
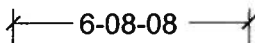
PLATE SIZE AND ORIENTATION



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

DIMENSIONS

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



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

BEARING

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

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

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

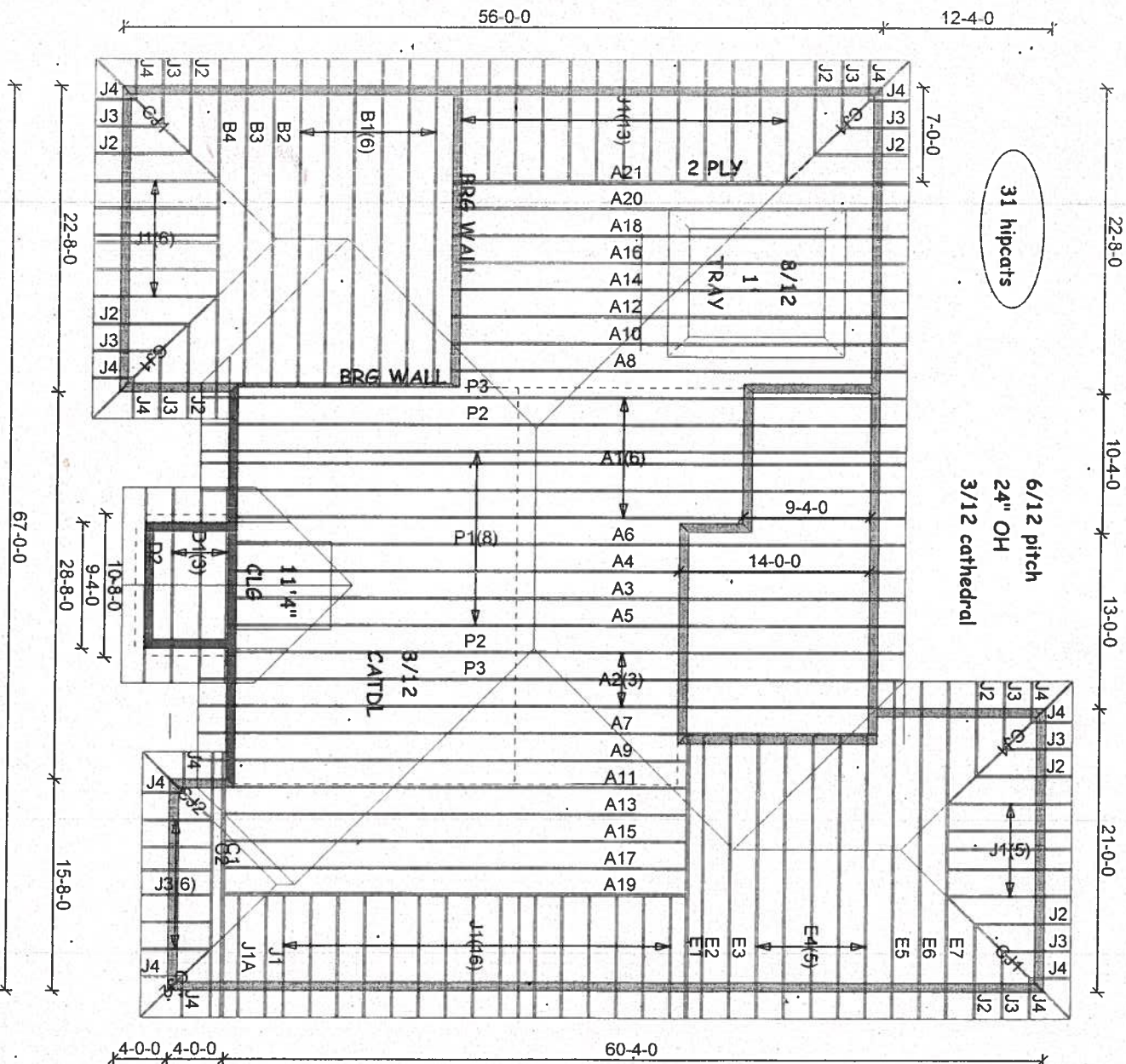
FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



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

www.robbinseng.com

REVISION
OF A10, A12 A-14
A-16 A18 A20



31 hipcats

6/12 pitch
24" OH
3/12 cathedral

Mayo Truss Co., Inc.

845 East US 27
MAYO, FL 32066
(386) 943-3988
(877) 558-6262

HOMES BY WHITTAKER

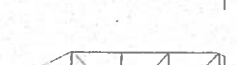
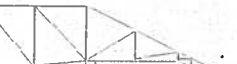
MARTINEZ - 2116 (EXECUTIVE)

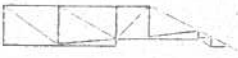
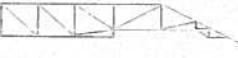
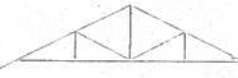
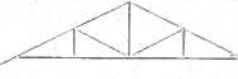
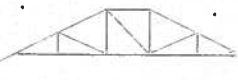
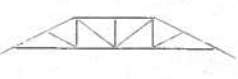
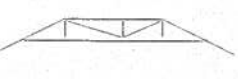
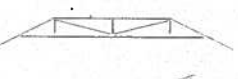
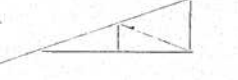
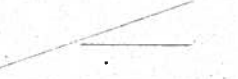
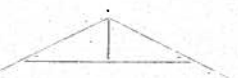
110 MPH ASCE WIND LOAD

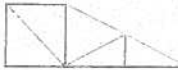
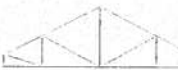
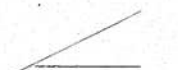
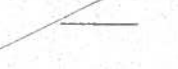
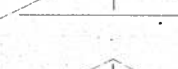
Picture 24879

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

Account: CONTRACTORS
Job: WHITT-MARTINEZ
Designer: MMURRAY
Checker: MMURRAY
Date: 10-10-06

Qty	Plys	Truss		Mark	Reactions			Sketch
		Type	Type		Horizontal	Vertical	Uplift	
6	1	SP	WHITT-MARTINEZ/	A1	219	1493	211	
						2725	427	
					221	138	318	
3	1	SP	WHITT-MARTINEZ/	A2	220	1258	183	
						2620	462	
					221	88	257	
1	1	SP	WHITT-MARTINEZ/	A3	220	1143	159	
						2576	462	
					185	247	269	
1	1	SP	WHITT-MARTINEZ/	A4	220	1141	158	
						2582	462	
					185	243	271	
1	1	SP	WHITT-MARTINEZ/	A5	207	1098	151	
						2725	484	
					192	193	307	
1	1	SP	WHITT-MARTINEZ/	A6	206	1092	151	
						2746	487	
					193	194	312	
1	1	HIPP	WHITT-MARTINEZ/	A8	360	1266	179	
					180	1394	180	
1	1	SP	WHITT-MARTINEZ/	A7	197	1228	182	
						2719	467	
					198	177	318	
1	1	SP	WHITT-MARTINEZ/	A10	340	1266	180	
					159	1394	179	
1	1	SP	WHITT-MARTINEZ/	A9	251	1484	195	
					129	1358	191	
1	1	SP	WHITT-MARTINEZ/	A11	146	1360	175	
					254	1360	186	
1	1	SP	WHITT-MARTINEZ/	A12	304	1266	178	
					142	1394	181	
1	1	HHIP	WHITT-MARTINEZ/	A13	127	1359	176	
					226	1359	186	
1	1	SP	WHITT-MARTINEZ/	A14	268	1266	176	
					125	1394	183	
1	1	HHIP	WHITT-MARTINEZ/	A15	110	1360	177	
					190	1359	184	

Qty		Truss		Reactions			Sketch
Plys	Type	Mark	Horizontal	Vertical	Uplift		
1	1	SP	WHITT-MARTINEZ/ A16	232 108	1266 1394	174 185	
1	1	HHIP	WHITT-MARTINEZ/ A17	93 154	1360 1359	178 183	
1	1	SP	WHITT-MARTINEZ/ A18	196 91	1266 1394	172 187	
1	2	HHIP	WHITT-MARTINEZ/ A19	83 109	2387 2380	316 318	
1	1	SP	WHITT-MARTINEZ/ A20	160 74	1266 1394	171 188	
1	2	SP	WHITT-MARTINEZ/ A21	117 55	2722 2785	364 374	
6	1	TR	WHITT-MARTINEZ/ B1	106 106	1023 887	141 118	
1	1	TR	WHITT-MARTINEZ/ B2	106 106	1023 887	141 118	
1	1	HIPP	WHITT-MARTINEZ/ B3	84 84	1023 887	141 118	
1	1	HIPP	WHITT-MARTINEZ/ B4	65 65	2024 2024	277 277	
1	2	HIPP	WHITT-MARTINEZ/ C1	29 33	6419 4258	860 572	
1	1	HIPP	WHITT-MARTINEZ/ C2	23 23	930 930	129 129	
5	1	MONO	WHITT-MARTINEZ/ CJ1	44 126	458 348 239	83 7 83	
2	1	JCA2	WHITT-MARTINEZ/ CJ2	15 10	204 46 31	60 18	
3	1	TR	WHITT-MARTINEZ/ D1	42 42	547 548	90 90	
1	1	TR	WHITT-MARTINEZ/ D2	840 Continuous Brg			

Qty	Plys	Truss		Reactions			Sketch
		Type	Mark	Horizontal	Vertical	Uplift	
1	2	HHIP	WHITT-MARTINEZ/ E1	242 106	6675 4399	899 581	
1	1	HHIP	WHITT-MARTINEZ/ E2	226 99	759 888	119 114	
1	1	HHIP	WHITT-MARTINEZ/ E3	190 83	759 888	120 117	
5	1	TR	WHITT-MARTINEZ/ E4	112 93	759 887	101 123	
1	1	SP	WHITT-MARTINEZ/ E5	98 98	967 967	134 134	
1	1	HIPP	WHITT-MARTINEZ/ E6	84 84	967 967	134 134	
1	1	HIPP	WHITT-MARTINEZ/ E7	63 63	1874 1874	257 257	
41	1	JCA2	WHITT-MARTINEZ/ J1	105 71	390 183 128	57 78	
1	1	HHIP	WHITT-MARTINEZ/ J1A	35 89	408 279	54 51	
10	1	JCA2	WHITT-MARTINEZ/ J2	74 50	310 128 90	51 55	
16	1	JCA2	WHITT-MARTINEZ/ J3	43 29	230 74 52	45 32	
14	1	JCA2	WHITT-MARTINEZ/ J4	13 8	151 13 19	19 8	
8	1	TR	WHITT-MARTINEZ/ P1		663 Continuous Brg		
2	1	TR	WHITT-MARTINEZ/ P2		663 Continuous Brg		
2	1	HIPP	WHITT-MARTINEZ/ P3		663 Continuous Brg		

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

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

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: WHITT-MARTINEZ - MARTINEZ - 2116

Standard Loading:

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

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

Index Page 1 of 1

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

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06100762	10/09/2006		6

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

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

Date Mark

1	10/09/06	A10
5	10/09/06	A18

Date Mark

2	10/09/06	A12
6	10/09/06	A20

Date Mark

3	10/09/06	A14
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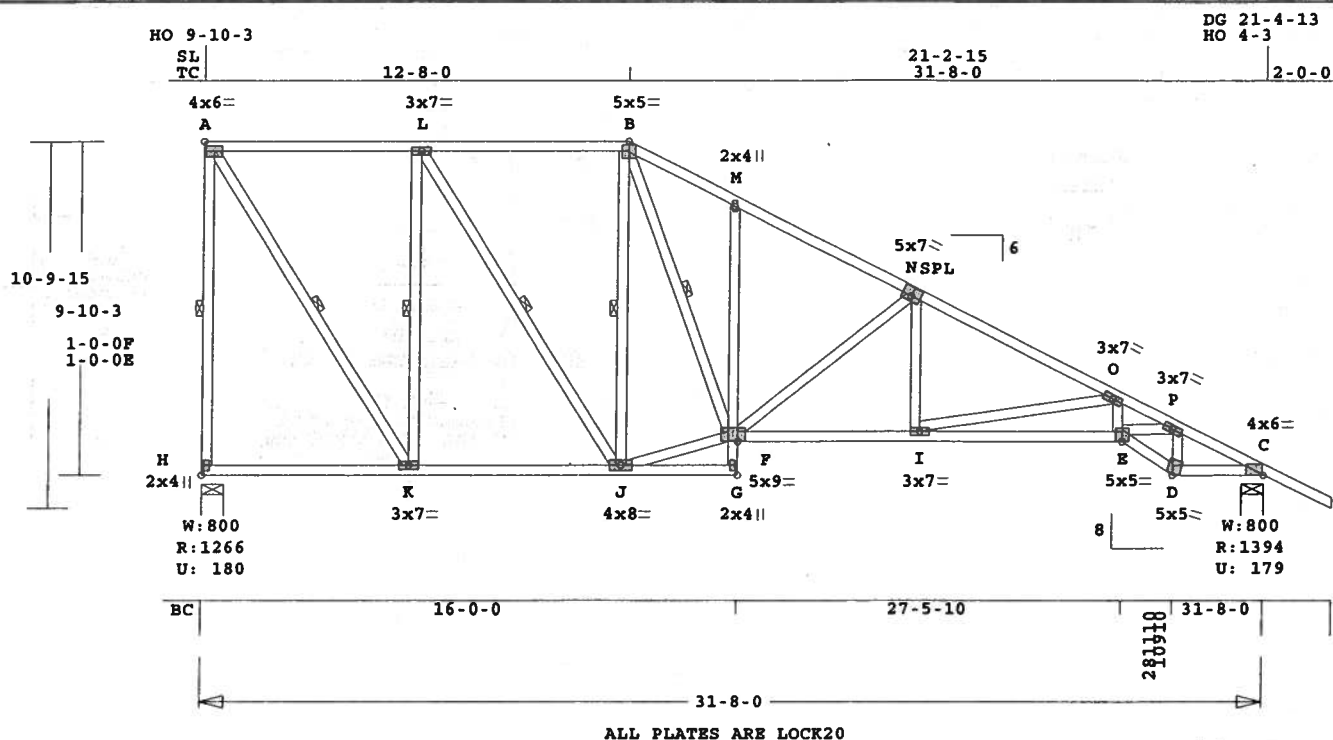
Date Mark

4	10/09/06	A16
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Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A10	1	SP	310800	6	0	2-0-0	T06100762

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 298.0 LBS

Online Plus -- Version 20.0.001
RUN DATE: 06-OCT-06

CSI -Size- ---Lumber---
TC 0.49 2x 4 SP-#2
BC 0.94 2x 4 SP-#2
CW 0.08 2x 4 SP-#2
WB 0.83 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on H -A
WB 1 rows CLB on A -K
WB 1 rows CLB on K -L
WB 1 rows CLB on L -J
WB 1 rows CLB on J -B
WB 1 rows CLB on B -F
Attach CLB with (2)-10d nails
at each web.

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

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	180	8- 0	1- 8
			Hz =	-340
C	1394	180	8- 0	1-10
			Hz =	160

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -L	0.49	688	C	0.00	0.49
L -B	0.49	991	C	0.00	0.49
B -M	0.24	1579	C	0.01	0.23
M -N	0.40	1608	C	0.01	0.39
N -O	0.45	2341	C	0.09	0.36
O -P	0.32	4414	C	0.22	0.10
P -C	0.18	2373	C	0.04	0.14
-----Bottom Chords-----					
H -K	0.25	347	T	0.00	0.25
K -J	0.32	688	T	0.07	0.25

J -G	0.14	30	C	0.00	0.14
F -I	0.44	2107	T	0.35	0.09
I -E	0.83	3862	T	0.64	0.19
E -D	0.94	2356	T	0.39	0.55
D -C	0.45	2092	T	0.35	0.10
-----Chord-Webs-----					
G -F	0.04	38	T	0.00	0.04
F -M	0.08	265	T	0.01	0.07
-----Webs-----					
H -A	0.51	1214	C	WindLd	1 Br
A -K	0.23	1267	T		1 Br
K -L	0.28	923	C		1 Br
L -J	0.12	557	T		1 Br
J -B	0.20	655	C		1 Br
J -F	0.18	1022	T		
B -F	0.21	1170	T		1 Br
F -N	0.49	862	C		
I -N	0.08	502	T		
I -O	0.83	1790	C		
E -O	0.19	1046	T		
E -P	0.34	1876	T		
D -P	0.10	1094	C		

TL Defl -0.35" in F -I L/999
LL Defl -0.17" in F -I L/999
Hz Disp LL DL TL
Jt C 0.09" 0.09" 0.18"
Shear // Grain in E -D 0.32

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

Plate - LOCK	20	Ga,	Gross Area
Plate - RHS	20	Ga,	Gross Area
Jt Type	Plt Size	X Y	JSI
A LOCK	4.0x 6.0	Ctr Ctr	0.67
L LOCK	3.0x 7.0	Ctr Ctr	0.48
B LOCK	5.0x 5.0	Ctr-0.2	0.94
M LOCK	2.0x 4.0	Ctr Ctr	0.24
N LOCK	5.0x 7.0	0.2 0.5	0.69
O LOCK	3.0x 7.0	Ctr Ctr	0.54
P LOCK	3.0x 7.0	Ctr Ctr	0.57
C LOCK	4.0x 6.0	Ctr 0.1	0.65
H LOCK	2.0x 4.0	Ctr Ctr	0.60
K LOCK	3.0x 7.0	Ctr Ctr	0.66
J LOCK	4.0x 8.0	Ctr Ctr	0.52
G LOCK	2.0x 4.0	Ctr Ctr	0.58
F LOCK	5.0x 9.0	Ctr 0.8	0.71
I LOCK	3.0x 7.0	Ctr Ctr	0.83
E LOCK	5.0x 5.0	Ctr-1.0	0.73
D LOCK	5.0x 5.0	0.9 3.1	0.66

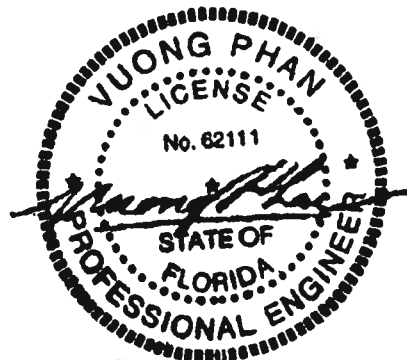
REVIEWED BY:

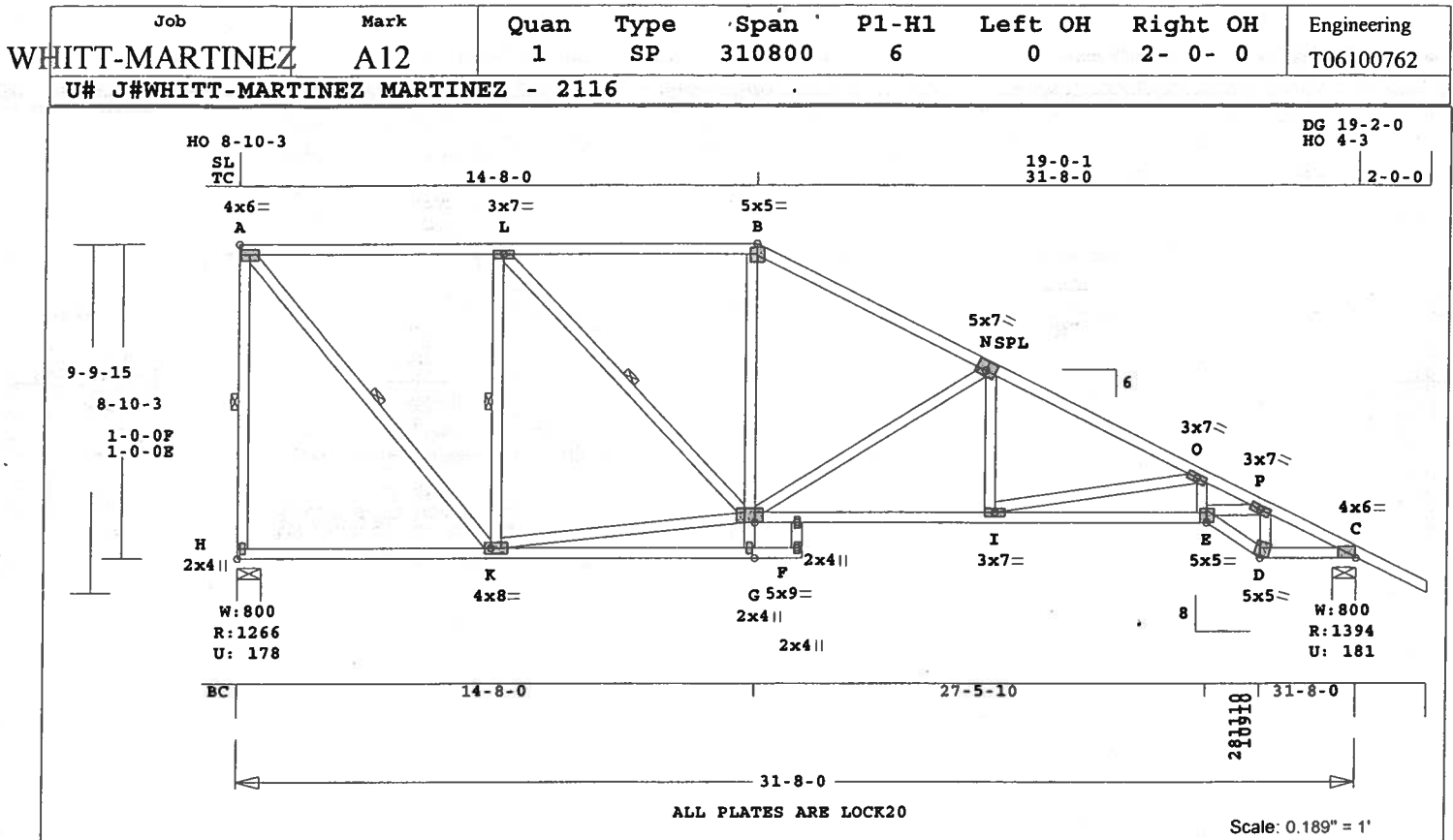
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Provide connection to bearing
for 340 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4414 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 271.6 LBS

Tampa, FL 33682

Online Plus -- Version 20.0.001
RUN DATE: 06-OCT-06

CSI -Size- ----Lumber-----
TC 0.64 2x 4 SP-#2
BC 0.95 2x 4 SP-#2
CW 0.14 2x 4 SP-#2
WB 0.82 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on H -A
WB 1 rows CLB on A -K
WB 1 rows CLB on K -L
WB 1 rows CLB on L -F
Attach CLB with (2)-10d nails
at each web.

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

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

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	178	8- 0	1- 8
			Hz =	-304
C	1395	182	8- 0	1-10
			Hz =	142

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -L	0.63	867 C	0.00	0.63
L -B	0.64	1311 C	0.01	0.63
B -N	0.45	1478 C	0.01	0.44
N -O	0.48	2349 C	0.12	0.36
O -P	0.29	4406 C	0.20	0.09
P -C	0.18	2374 C	0.04	0.14
-----Bottom Chords-----				
H -K	0.39	315 T	0.00	0.39
K -G	0.39	76 C	0.00	0.39

F -I	0.46	2116 T	0.35	0.11	
I -E	0.82	3853 T	0.64	0.18	
E -D	0.95	2358 T	0.39	0.56	
D -C	0.45	2094 T	0.35	0.10	
-----Chord-Webs-----					
G -F	0.14	108 T	0.01	0.13	
F -B	0.11	366 T	0.05	0.06	
-----Webs-----					
H -A	0.41	1208 C	WindLd	1 Br	
A -K	0.24	1348 T		1 Br	
K -L	0.24	978 C		1 Br	
K -F	0.16	893 T			
L -F	0.11	643 T		1 Br	
F -N	0.73	944 C			
I -N	0.08	525 T			
I -O	0.82	1771 C			
E -O	0.19	1044 T			
E -P	0.34	1865 T			
D -P	0.10	1094 C			

TL Defl -0.35" in F -I L/999
LL Defl -0.16" in F -I L/999
Hz Disp LL DL TL
Jt C 0.09" 0.09" 0.18"
Shear // Grain in A -L 0.34

Plates for each ply each face.

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

Plate	LOCK	20 Ga	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr Ctr	0.67
L LOCK	3.0x 7.0	Ctr Ctr	0.44
B LOCK	5.0x 5.0	Ctr-0.2	0.94
N LOCK	5.0x 7.0	0.2 0.5	0.69
O LOCK	3.0x 7.0	Ctr Ctr	0.54
P LOCK	3.0x 7.0	Ctr Ctr	0.56
C LOCK	4.0x 6.0	Ctr 0.1	0.65
H LOCK	2.0x 4.0	Ctr Ctr	0.59
K LOCK	4.0x 8.0	Ctr Ctr	0.62
G LOCK	2.0x 4.0	Ctr Ctr	0.58
F LOCK	5.0x 9.0	Ctr 0.8	0.60
I LOCK	3.0x 7.0	Ctr Ctr	0.83
E LOCK	5.0x 5.0	Ctr-1.0	0.73
D LOCK	5.0x 5.0	0.9 3.1	0.66

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Provide connection to bearing
for 304 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

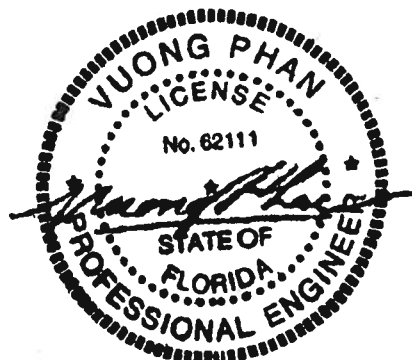
Max comp. force 4406 Lbs

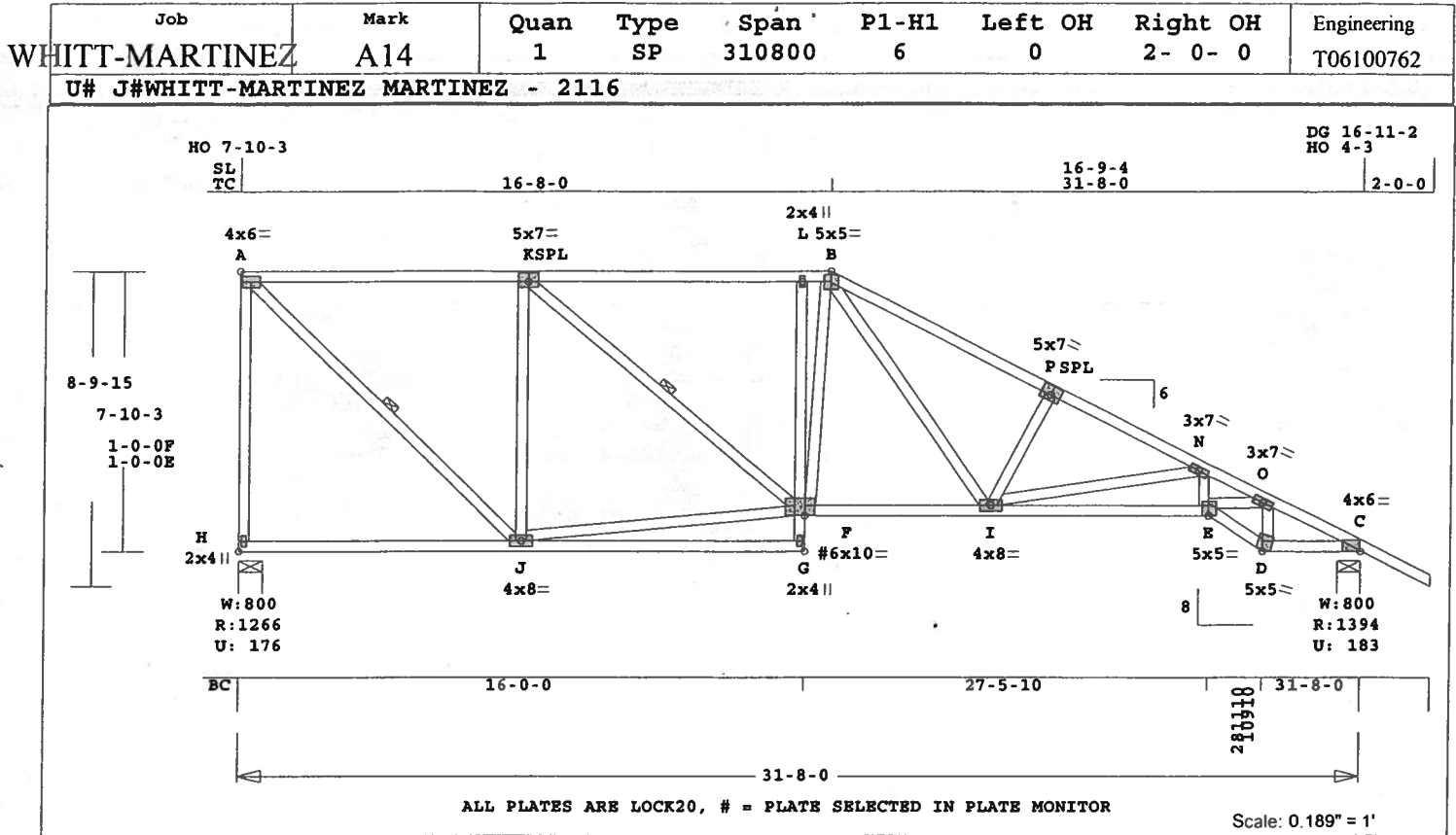
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

License #: 62111

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





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 273.2 LBS

E -D 0.93 2375 T 0.40 0.53
D -C 0.45 2103 T 0.35 0.10

Tampa, FL 33682

Online Plus -- Version 20.0.001
RUN DATE: 06-OCT-06

CSI -Size- ---Lumber---
TC 0.74 2x 4 SP-#2
BC 0.93 2x 4 SP-#2
CW 0.15 2x 4 SP-#2
WB 0.86 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on A -J
WB 1 rows CLB on K -F
Attach CLB with (2)-10d nails
at each web.

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	176	8- 0	1- 8
			Hz =	-267
C	1395	184	8- 0	1-10
			Hz =	126

Membr	CSI	P Lbs	Axl	CSI-Bnd
---Top Chords---				
A -K	0.73	1050 C	0.00	0.73
K -L	0.74	1527 C	0.01	0.73
L -B	0.37	1532 C	0.01	0.36
B -P	0.42	2261 C	0.13	0.29
P -N	0.42	2418 C	0.13	0.29
N -O	0.31	4340 C	0.13	0.18
O -C	0.18	2381 C	0.04	0.14
---Bottom Chords---				
H -J	0.47	284 T	0.00	0.47
J -G	0.47	25 T	0.00	0.47
F -I	0.33	1498 T	0.15	0.18
I -E	0.81	3764 T	0.63	0.18

---Chord-Webs---
G -F 0.06 118 T 0.01 0.05
F -L 0.15 433 C 0.06 0.09

---Webs---
H -A 0.86 1203 C WindLd
A -J 0.26 1458 T 1 Br
J -K 0.67 946 C
J -F 0.19 1032 T
K -F 0.11 620 T 1 Br
F -B 0.05 274 T
B -I 0.33 896 T
I -P 0.07 355 C
I -N 0.74 1604 C
E -N 0.19 1073 T
E -O 0.32 1770 T
D -O 0.10 1116 C

TL Defl -0.34" in J -G L/999
LL Defl -0.16" in F -I L/999
Hz Disp LL DL TL
Jt C 0.08" 0.08" 0.17"
Shear // Grain in A -K 0.37

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

Plate	Lock	20 Ga	Gross Area
Plate	RHS	20 Ga	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr Ctr	0.67
K LOCK	5.0x 7.0	Ctr	0.5 0.70
L LOCK	2.0x 4.0	Ctr Ctr	0.40
B LOCK	5.0x 5.0	Ctr-0.2	0.94
P LOCK	5.0x 7.0	0.2 0.5	0.69
N LOCK	3.0x 7.0	Ctr Ctr	0.49
O LOCK	3.0x 7.0	Ctr Ctr	0.53
C LOCK	4.0x 6.0	Ctr	0.1 0.65
H LOCK	2.0x 4.0	Ctr Ctr	0.57
J LOCK	4.0x 8.0	Ctr Ctr	0.62
G LOCK	2.0x 4.0	Ctr Ctr	0.58
F# LOCK	6.0x10.0	0.1 1.3	0.62
I LOCK	4.0x 8.0	Ctr Ctr	0.97
E LOCK	5.0x 5.0	Ctr-1.0	0.69
D LOCK	5.0x 5.0	0.9 3.1	0.66

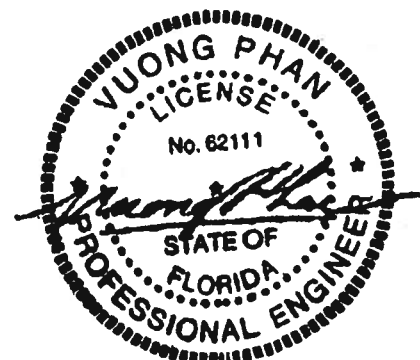
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

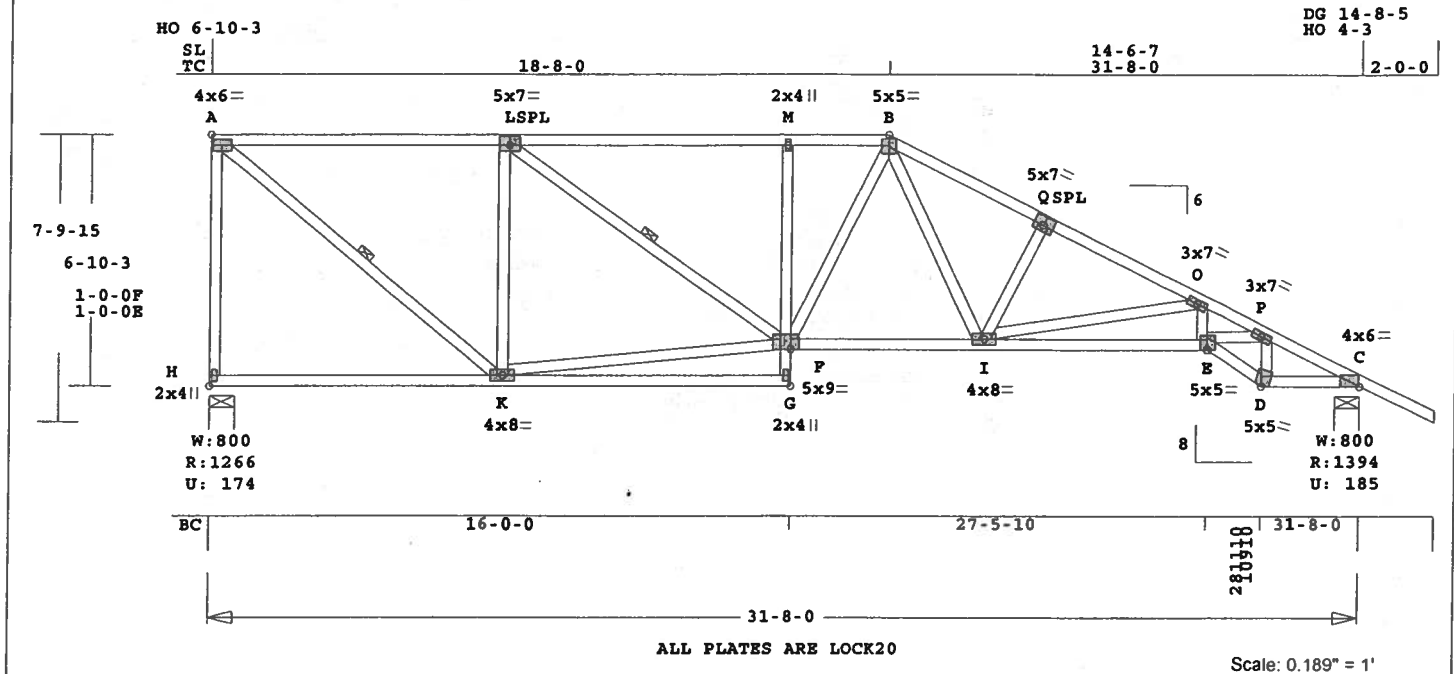
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4340 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A16	1	SP	310800	6	0	2- 0- 0	T06100762
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 260.3 LBS

Online Plus -- Version 20.0.001
RUN DATE: 06-OCT-06

CSI -Size- ---Lumber---
TC 0.75 2x 4 SP-#2
BC 0.92 2x 4 SP-#2
CW 0.12 2x 4 SP-#2
WB 0.75 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on A -K
WB 1 rows CLB on L -F
Attach CLB with (2)-10d nails
at each web.

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

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

Jt	React	Uplift	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
H	1267	174	8- 0	1- 8
			Hx =	-231
C	1395	186	8- 0	1-10
			Hx =	109

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -L	0.74	1211	C	0.01	0.73
L -M	0.75	1797	C	0.02	0.73
M -B	0.36	1804	C	0.02	0.34
B -Q	0.32	2280	C	0.13	0.19
Q -O	0.32	2405	C	0.05	0.27
O -P	0.29	4352	C	0.13	0.16
P -C	0.18	2380	C	0.04	0.14
-----Bottom Chords-----					
H -K	0.47	252	T	0.00	0.47
K -G	0.47	43	T	0.00	0.47

F -I	0.37	1705	T	0.28	0.09
I -E	0.81	3781	T	0.63	0.18
E -D	0.92	2372	T	0.39	0.53
D -C	0.45	2102	T	0.35	0.10
-----Chord-Webs-----					
G -F	0.10	118	T	0.01	0.09
F -M	0.12	350	C	0.02	0.10
-----Webs-----					
H -A	0.64	1203	C	WindLd	
A -K	0.29	1577	T		1 Br
K -L	0.51	965	C		
L -F	0.13	718	T		1 Br
F -B	0.03	213	T		
B -I	0.15	764	T		
I -Q	0.05	296	C		
Q -O	0.75	1640	C		
O -P	0.19	1067	T		
E -P	0.33	1787	T		
D -P	0.10	1112	C		

TL Defl -0.35" in K -G L/999
LL Defl -0.17" in F -I L/999
Hz Disp LL DL TL
Jt C 0.09" 0.09" 0.17"
Shear // Grain in A -L 0.37

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

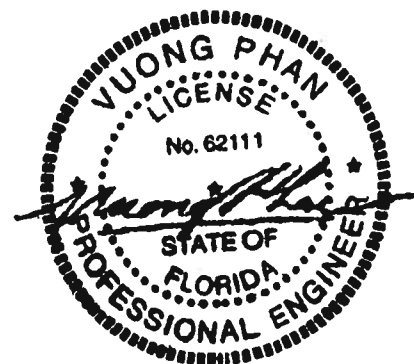
Plate - LOCK	20 Ga, Gross Area
Plate - RHS	20 Ga, Gross Area
Jt Type	Plt Size X Y JSI
A LOCK	4.0x 6.0 Ctr Ctr 0.67
L LOCK	5.0x 7.0 Ctr 0.5 0.70
M LOCK	2.0x 4.0 Ctr Ctr 0.40
B LOCK	5.0x 5.0 Ctr 0.2 0.94
Q LOCK	5.0x 7.0 0.2 0.5 0.69
O LOCK	3.0x 7.0 Ctr Ctr 0.50
P LOCK	3.0x 7.0 Ctr Ctr 0.54
C LOCK	4.0x 6.0 Ctr 0.1 0.65
H LOCK	2.0x 4.0 Ctr Ctr 0.56
K LOCK	4.0x 8.0 Ctr Ctr 0.65
G LOCK	2.0x 4.0 Ctr Ctr 0.58
F LOCK	5.0x 9.0 Ctr 0.8 0.65
I LOCK	4.0x 8.0 Ctr Ctr 0.98
E LOCK	5.0x 5.0 Ctr 1.0 0.70
D LOCK	5.0x 5.0 0.9 3.1 0.66

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

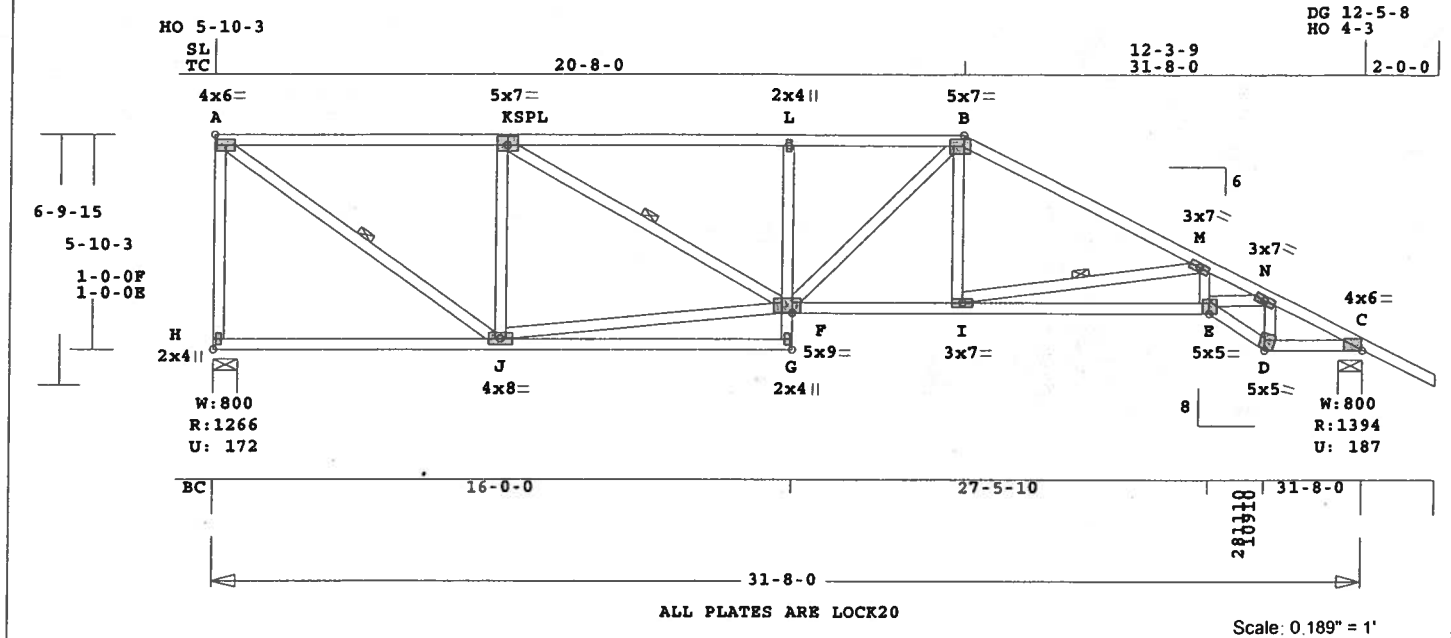
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4352 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A18	1	SP	310800	6	0	2- 0- 0	T06100762
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 244.4 LBS

Online Plus -- Version 20.0.001
RUN DATE: 06-OCT-06

CSI -Size-	Lumber----
TC 0.75	2x 4 SP-#2
BC 0.96	2x 4 SP-#2
CW 0.19	2x 4 SP-#2
WB 0.46	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0
WB 1 rows	CLB on A -J	
WB 1 rows	CLB on K -F	
WB 1 rows	CLB on I -M	

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

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	173	8- 0	1- 8
			Hz =	-195
C	1395	187	8- 0	1-10
			Hz =	92

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -K	0.73	1421 C	0.01	0.72
K -L	0.75	2184 C	0.03	0.72
L -B	0.39	2195 C	0.03	0.36
B -M	0.57	2234 C	0.09	0.48
M -N	0.50	4451 C	0.24	0.26
N -C	0.18	2370 C	0.04	0.14
-----Bottom Chords-----				
H -J	0.47	220 T	0.00	0.47

J -G	0.47	86 T	0.00	0.47	
F -I	0.44	1992 T	0.33	0.11	
I -E	0.84	3911 T	0.65	0.19	
E -D	0.96	2347 T	0.39	0.57	
D -C	0.44	2088 T	0.35	0.09	
-----Chord-Webs-----					
G -F	0.19	120 T	0.01	0.18	
F -L	0.12	378 C	0.01	0.11	
-----Webs-----					
H -A	0.46	1204 C	WindLd		
A -J	0.32	1745 T		1 Br	
J -K	0.38	987 C			
J -F	0.24	1345 T			
K -F	0.16	880 T		1 Br	
F -B	0.05	281 T			
I -B	0.08	508 T			
I -M	0.33	1938 C		1 Br	
E -M	0.19	1037 T			
E -N	0.35	1929 T			
D -N	0.10	1083 C			

TL Defl	-0.38"	in J -G	L/951	
LL Defl	-0.18"	in F -I	L/999	
Hz Disp	LL	DL	TL	
Jt C	0.10"	0.09"	0.19"	
Shear //	Grain	in A -K	0.37	

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

Plate	LOCK	20 Ga,	Gross Area
Plate	RHS	20 Ga, <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr	0.67
K LOCK	5.0x 7.0	Ctr	0.5
L LOCK	2.0x 4.0	Ctr	0.40
B LOCK	5.0x 7.0	0.5-0.1	0.89
M LOCK	3.0x 7.0	Ctr	0.58
N LOCK	3.0x 7.0	Ctr	0.58
C LOCK	4.0x 6.0	Ctr	0.1
H LOCK	2.0x 4.0	Ctr	0.55
J LOCK	4.0x 8.0	Ctr	0.70
G LOCK	2.0x 4.0	Ctr	0.58
F LOCK	5.0x 9.0	Ctr	0.8
I LOCK	3.0x 7.0	Ctr	0.83
E LOCK	5.0x 5.0	Ctr	1.0
D LOCK	5.0x 5.0	0.9	3.1

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

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

NOTES:

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

FBC2004

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

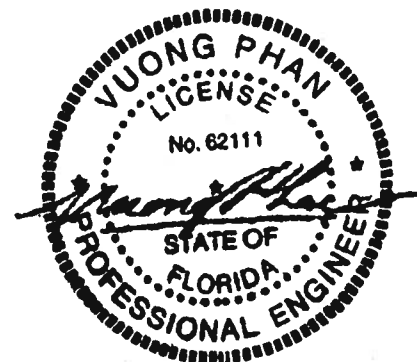
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 4451 Lbs

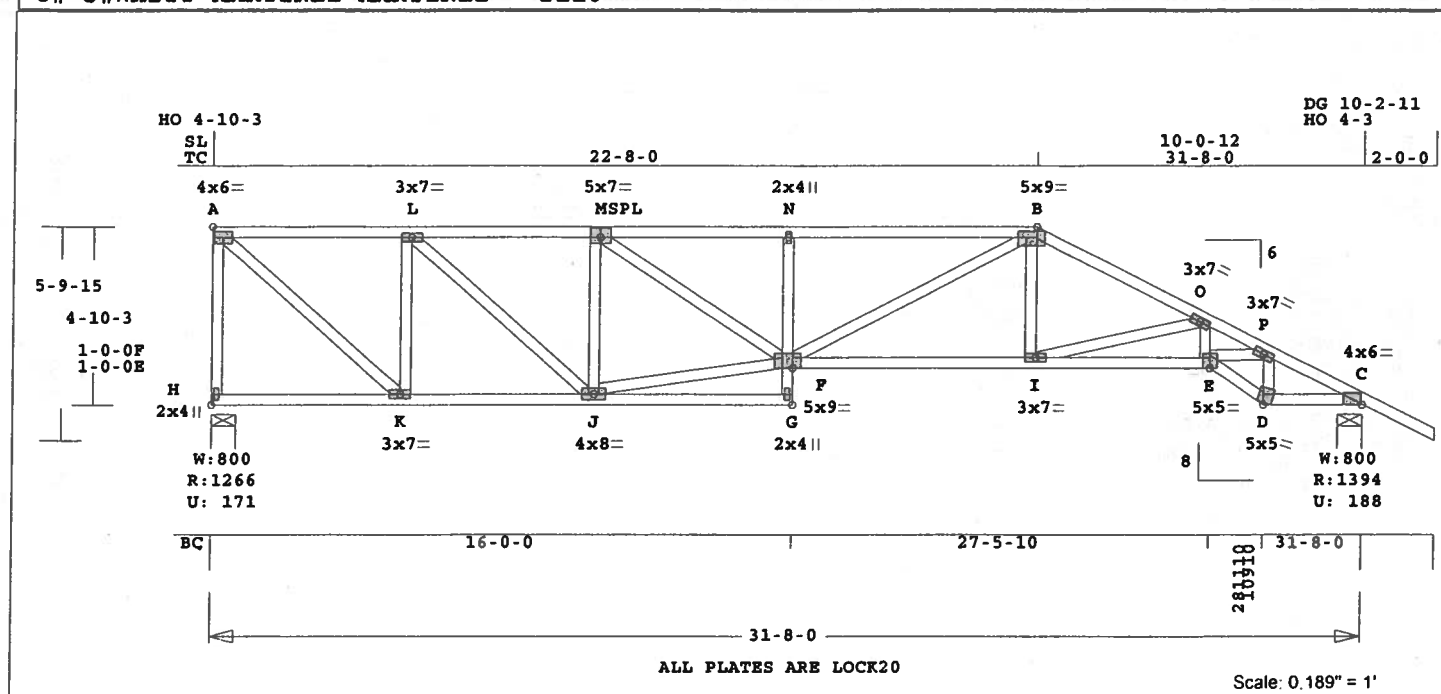
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A20	1	SP	310800	6	0	2- 0- 0	T06100762

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 239.9 LBS

Online Plus -- Version 20.0.001
RUN DATE: 06-OCT-06

CSI	Size	Lumber
TC	0.54 2x 4	SP-#2
BC	0.92 2x 4	SP-#2
CW	0.18 2x 4	SP-#2
WB	0.46 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0

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

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	172	8- 0	1- 8
			Hx =	-159
C	1395	188	8- 0	1-10
			Hx =	75

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -L	0.31	1241 C	0.01	0.30
L -M	0.32	1948 C	0.02	0.30
M -N	0.41	2809 C	0.05	0.36
N -B	0.54	2832 C	0.11	0.43
B -O	0.35	2551 C	0.04	0.31
O -P	0.32	4357 C	0.24	0.08
P -C	0.18	2379 C	0.04	0.14
-----Bottom Chords-----				
H -K	0.16	188 T	0.00	0.16
K -J	0.29	1241 T	0.13	0.16
J -G	0.16	56 C	0.00	0.16
F -I	0.52	2288 T	0.38	0.14
I -E	0.81	3788 T	0.63	0.18

E -D	0.92	2371 T	0.39	0.53
D -C	0.45	2101 T	0.35	0.10
-----Chord-Webs-----				
G -F	0.10	86 T	0.00	0.10
F -N	0.18	392 C	0.00	0.18
-----Webs-----				
H -A	0.32	1220 C	WindLd	
A -K	0.35	1650 T		
K -L	0.25	974 C		
L -J	0.21	939 T		
J -M	0.22	862 C		
J -F	0.35	1929 T		
M -F	0.19	1036 T		
F -B	0.13	612 T		
I -B	0.08	510 T		
I -O	0.46	1530 C		
E -O	0.19	1055 T		
E -P	0.33	1794 T		
D -P	0.10	1110 C		

TL Defl	-0.45"	in F -I	L/803
LL Defl	-0.21"	in F -I	L/999
Hx Disp	LL	DL	TL
Jt C	0.09"	0.10"	0.19"
Shear //	Grain	in E -D	0.31

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

Plate	- LOCK	20 Ga, Gross Area
Plate	- RHS	20 Ga, Gross Area
Jt Type	Plt Size	X Y JSI
A	LOCK	4.0x 6.0 Ctr Ctr 0.67
L	LOCK	3.0x 7.0 Ctr Ctr 0.43
M	LOCK	5.0x 7.0 Ctr Ctr 0.50
N	LOCK	2.0x 4.0 Ctr Ctr 0.40
B	LOCK	5.0x 9.0 Ctr-0.4 1.00
O	LOCK	3.0x 7.0 Ctr Ctr 0.49
P	LOCK	3.0x 7.0 Ctr Ctr 0.54
C	LOCK	4.0x 6.0 Ctr 0.1 0.65
H	LOCK	2.0x 4.0 Ctr Ctr 0.53
K	LOCK	3.0x 7.0 Ctr Ctr 0.62
J	LOCK	4.0x 8.0 Ctr Ctr 0.76
G	LOCK	2.0x 4.0 Ctr Ctr 0.58
F	LOCK	5.0x 9.0 Ctr 0.8 0.61
I	LOCK	3.0x 7.0 Ctr Ctr 0.56
E	LOCK	5.0x 5.0 Ctr-1.0 0.70
D	LOCK	5.0x 5.0 0.9 3.1 0.66

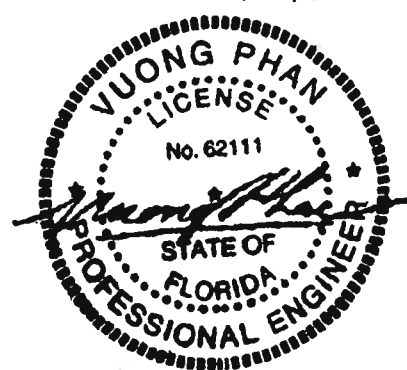
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

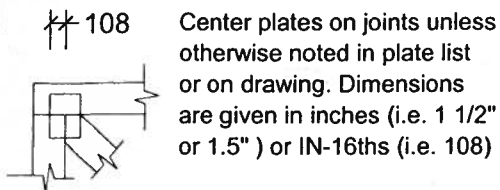
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4357 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



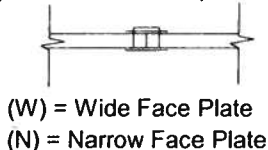
ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



LATERAL BRACING

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

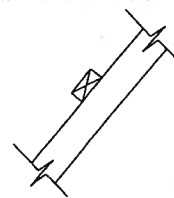
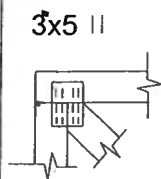


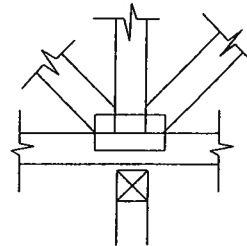
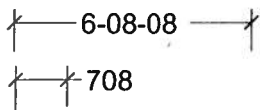
PLATE SIZE AND ORIENTATION

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



DIMENSIONS

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



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

BEARING

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

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted.

The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

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

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



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

www.robbinseng.com

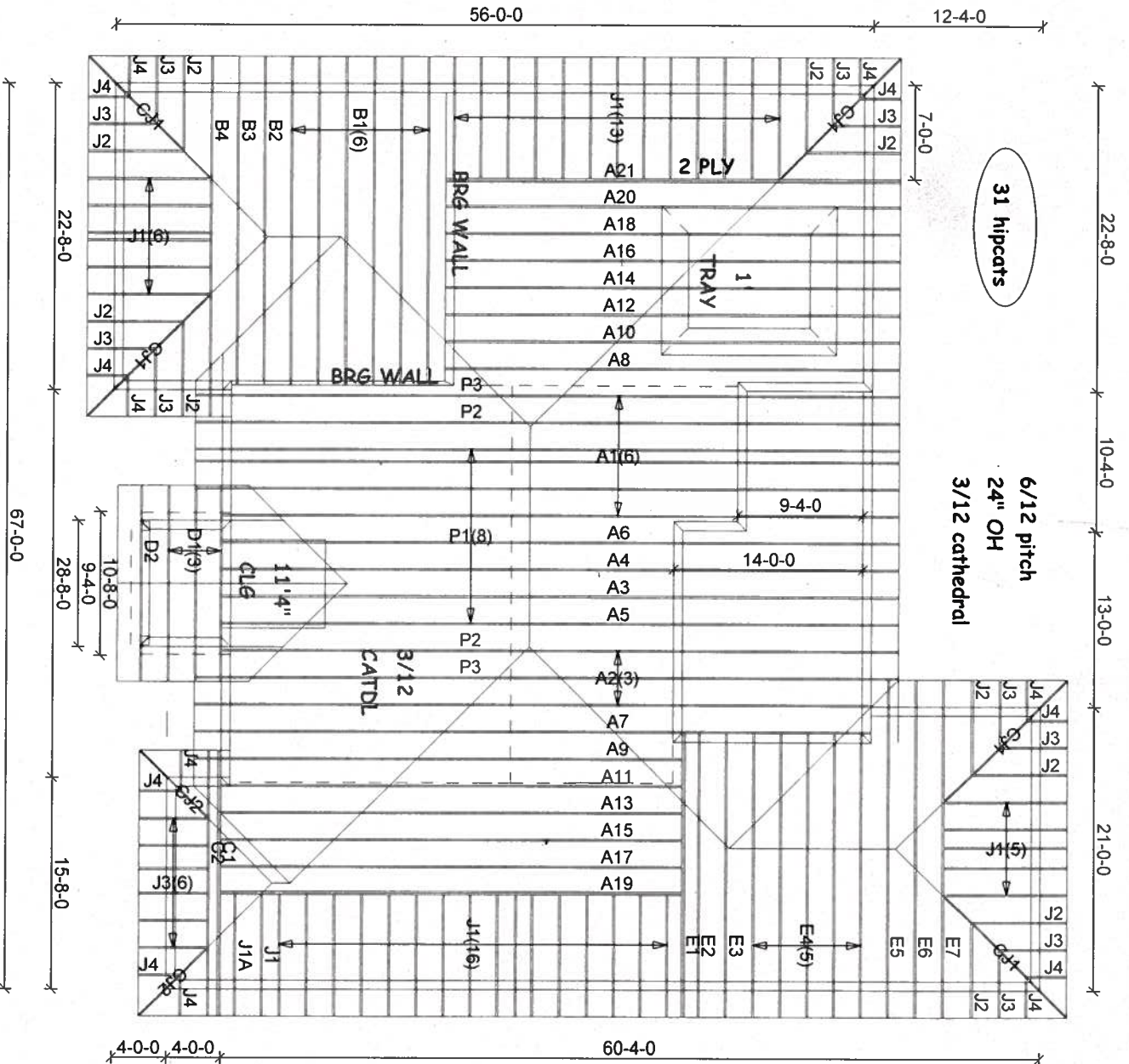
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

MARTINEZ - 2116 (EXECUTIVE)

110 MPH ASCE WIND LOAD

31 hipcats

6/12 pitch
24" OH
3/12 cathedral



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

Job: WHITT-MARTINEZ
Designer: M.MURRAY
Checker: M.MURRAY
Date: 07-20-06

Permit Number: _____ Lot Number: _____
 Miscellaneous: _____ Address: _____

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

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: WHITT-MARTINEZ - MARTINEZ - 2116

Standard Loading:

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

**ROBBINS
ENGINEERING, INC.**

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

Engineering Index Sheet

Index Page 1 of 1

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

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06071750	07/19/2006		46

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

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

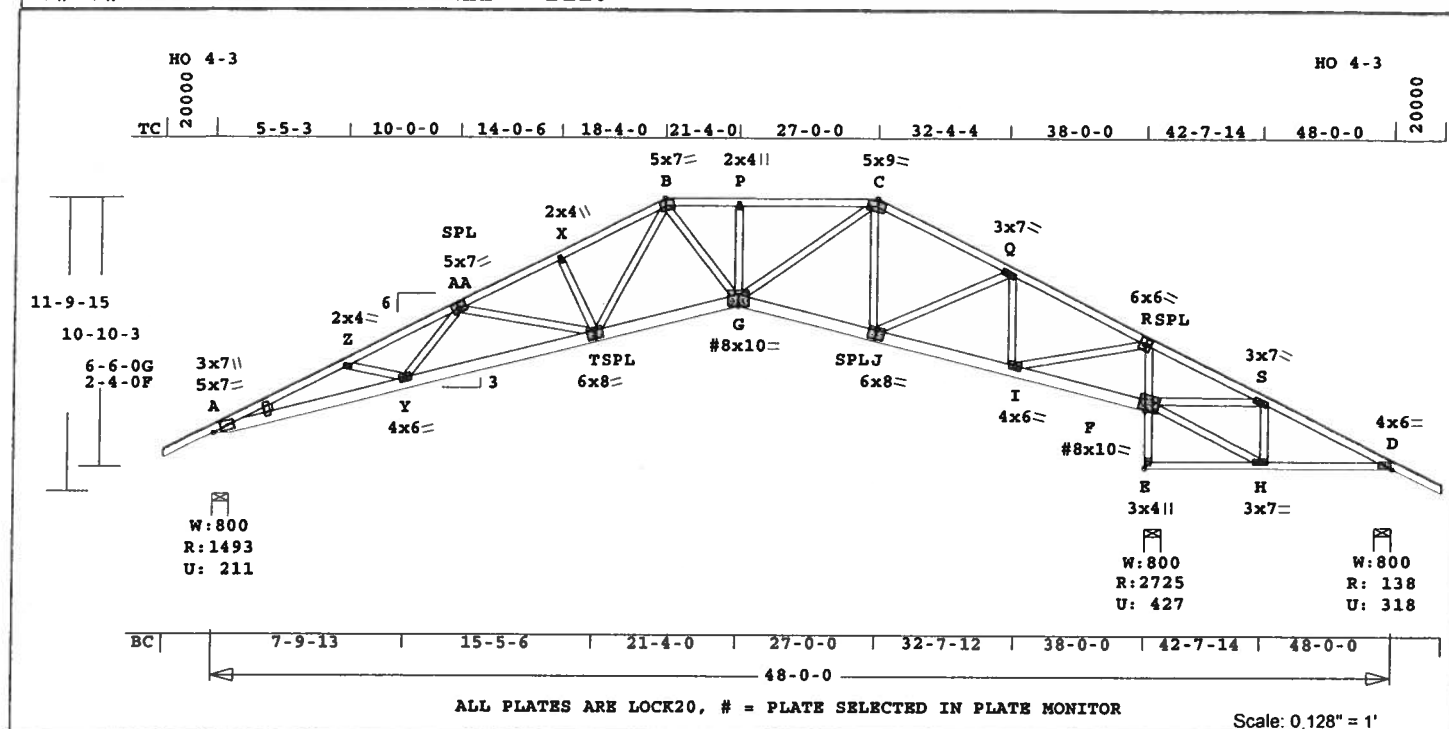
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5	07/19/06	A5	6	07/19/06	A6	7	07/19/06	A7	8	07/19/06	A8
9	07/19/06	A9	10	07/19/06	A10	11	07/19/06	A11	12	07/19/06	A12
13	07/19/06	A13	14	07/19/06	A14	15	07/19/06	A15	16	07/19/06	A16
17	07/19/06	A17	18	07/19/06	A18	19	07/19/06	A19	20	07/19/06	A20
21	07/19/06	A21	22	07/19/06	B1	23	07/19/06	B2	24	07/19/06	B3
25	07/19/06	B4	26	07/19/06	C1	27	07/19/06	C2	28	07/19/06	CJ1
29	07/19/06	CJ2	30	07/19/06	D1	31	07/19/06	D2	32	07/19/06	E1
33	07/19/06	E2	34	07/19/06	E3	35	07/19/06	E4	36	07/19/06	E5
37	07/19/06	E6	38	07/19/06	E7	39	07/19/06	J1	40	07/19/06	J1A
41	07/19/06	J2	42	07/19/06	J3	43	07/19/06	J4	44	07/19/06	P1
45	07/19/06	P2	46	07/19/06	P3						

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A1	6	SP	480000	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.128" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 376.3 LBS

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

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.72 2x 4	SP-#2
BC	0.63 2x 6	SP-#2
EX E - D	2x 4	SP-#2
CW	0.33 2x 4	SP-#2
WB	0.53 2x 4	SP-#2
WG	--- 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0 18- 4- 0	
TC 2- 0- 0 18- 4- 0	27- 0- 0	0- 0- 0
TC Cont.	27- 0- 0 48- 0- 0	
BC Cont.	0- 0- 0 48- 0- 0	

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
A	1493	212	8- 0	1-12
			Hx =	-219
E	2725	428	8- 0	3- 1
D	138	318	8- 0	1- 8
			Hx =	222

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A - Z	0.23	4492 C	0.14 0.09
Z - AA	0.49	4209 C	0.19 0.30
AA - X	0.25	3275 C	0.07 0.18
X - B	0.26	3163 C	0.09 0.17
B - P	0.21	2764 C	0.10 0.11
P - C	0.35	2764 C	0.10 0.25
C - Q	0.31	1625 C	0.01 0.30
Q - R	0.30	581 C	0.00 0.30
R - S	0.72	2614 T	0.44 0.28
S - D	0.42	910 T	0.16 0.26
-----Bottom Chords-----			
A - Y	0.63	4127 T	0.50 0.13
Y - T	0.60	3698 T	0.44 0.16
T - G	0.39	2486 T	0.30 0.09
G - J	0.29	1488 T	0.18 0.11
J - I	0.15	540 T	0.06 0.09
I - F	0.16	2405 C	0.01 0.15

E - H	0.19	56 C	0.00	0.19
H - D	0.21	801 C	0.00	0.21
-----Chord-Webs-----				
E - F	0.33	2698 C	0.05	0.28
F - R	0.21	2327 C	0.21	0.00
-----Webs-----				
Z - Y	0.03	245 C		
Y - AA	0.06	433 T		
AA - T	0.27	672 C		
X - T	0.03	224 C		
T - B	0.16	884 T		
B - G	0.09	540 T		
G - P	0.04	223 C		
G - C	0.28	1567 T		
J - C	0.17	483 C		
J - Q	0.18	1016 T		
I - Q	0.25	1238 C		
I - R	0.53	2906 T		
F - S	0.42	1539 C		
F - H	0.29	837 C		
H - S	0.09	536 T		

TL Defl	-0.58"	in Y - T	L/775
LL Defl	-0.28"	in Y - T	L/999
Hx Disp	LL	DL	TL
Jt E	0.16"	0.16"	0.32"
Shear //	Grain	in P - C	0.22

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area	
Plate - RHS 20 Ga, Gross Area	
Jt Type	Plt Size X Y JSI
A LOCK	5.0x 7.0 Ctr Ctr 0.92
A LOCK	3.0x 7.0 Ctr Ctr 0.00
Z LOCK	2.0x 4.0 Ctr Ctr 0.53
AA LOCK	5.0x 7.0-0.2 0.5 0.86
X LOCK	2.0x 4.0 Ctr Ctr 0.53
B LOCK	5.0x 7.0 0.8-3.2 0.78
P LOCK	2.0x 4.0 Ctr Ctr 0.53
C LOCK	5.0x 9.0-0.8-3.5 0.86
Q LOCK	3.0x 7.0 Ctr Ctr 0.44
R LOCK	6.0x 6.0 Ctr Ctr 0.98
S LOCK	3.0x 7.0 Ctr Ctr 0.44
D LOCK	4.0x 6.0 Ctr Ctr 0.1 0.81
Y LOCK	4.0x 6.0 Ctr Ctr 0.46
T LOCK	6.0x 8.0 0.3-1.2 0.69
G# LOCK	8.0x10.0 Ctr-1.7 0.57
J LOCK	6.0x 8.0-0.3-1.2 0.69
I LOCK	4.0x 6.0 Ctr Ctr 0.78
F# LOCK	8.0x10.0 0.2 0.9 0.75
E LOCK	3.0x 4.0 Ctr Ctr 0.71
H LOCK	3.0x 7.0 Ctr Ctr 0.47

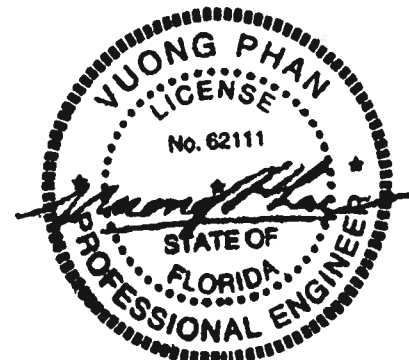
= Plate Monitor used

REVIEWED BY:

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--

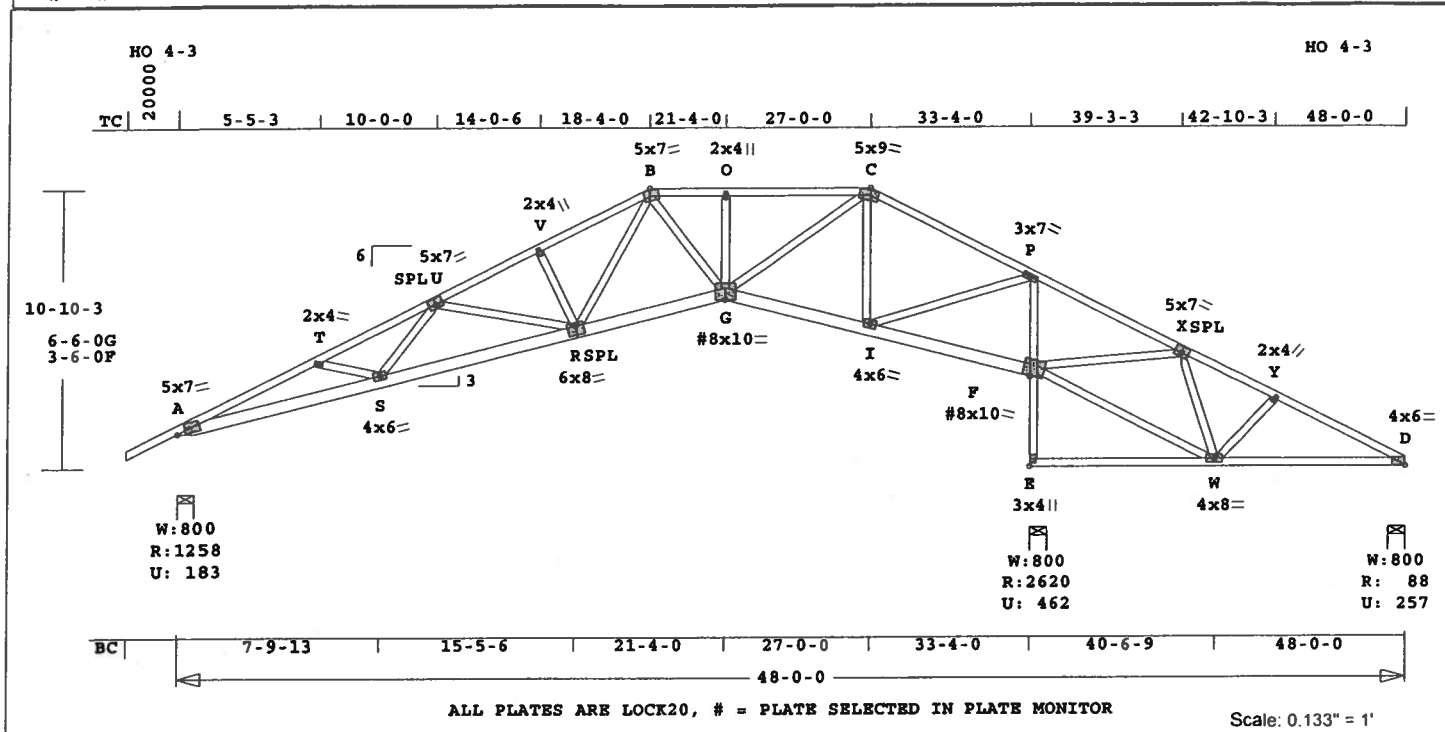
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A1	6	SP	480000	6	2- 0- 0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

38- 0- 0 48- 0- 0
Max comp. force 4492 Lbs
Quality Control Factor 1.25

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.133" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 370.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.85 2x 4 SP-#2
BC 0.51 2x 6 SP-#2
EX E -D 2x 4 SP-#2
CW 0.26 2x 4 SP-#2
WB 0.56 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 18- 4- 0
TC 2- 0- 0 18- 4- 0 27- 0- 0
TC Cont. 27- 0- 0 48- 0- 0
BC Cont. 0- 0- 0 48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1258	184	8- 0	1- 8
			Hz =	-219
E	2621	463	8- 0	2-15
D	89	258	8- 0	1- 8
			Hz =	222

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -T	0.27	3595	C 0.09	0.18
T -U	0.35	3257	C 0.11	0.24
U -V	0.21	2265	C 0.03	0.18
V -B	0.17	2153	C 0.04	0.13
B -O	0.12	1499	C 0.01	0.11
O -C	0.39	1499	C 0.01	0.38
C -P	0.50	331	C 0.00	0.50
P -X	0.85	2044	T 0.35	0.50
X -Y	0.28	505	T 0.06	0.22
Y -D	0.26	489	T 0.04	0.22
-----Bottom Chords-----				
A -S	0.51	3298	T 0.40	0.11
S -R	0.48	2795	T 0.33	0.15
R -G	0.31	1567	T 0.19	0.12
G -I	0.16	297	T 0.03	0.13
I -F	0.14	1864	C 0.00	0.14
E -W	0.37	21	C 0.00	0.37

W -D	0.37	422	C 0.00	0.37
-----Chord-Webs-----				
E -F	0.23	2568	C 0.23	0.00
F -P	0.26	2148	C 0.20	0.06
-----Webs-----				
T -S	0.03	297	C	
S -U	0.07	467	T	
U -R	0.28	700	C	
V -R	0.03	213	C	
R -B	0.16	874	T	
B -G	0.01	93	T	
G -O	0.04	235	C	
G -C	0.26	1435	T	
I -C	0.35	1012	C	
I -P	0.40	2191	T	
F -X	0.56	1263	C	
F -W	0.48	607	C	
X -W	0.12	681	T	
W -Y	0.04	269	C	

TL Defl -0.43" in S -R L/909
LL Defl -0.21" in S -R L/999
Hz Disp LL DL TL
Jt E 0.10" 0.10" 0.19"
Shear // Grain in C -P 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 7.0 Ctr Ctr 0.90
T LOCK 2.0x 4.0 Ctr Ctr 0.53
U LOCK 5.0x 7.0-0.2 0.5 0.86
V LOCK 2.0x 4.0 Ctr Ctr 0.52
B LOCK 5.0x 7.0 0.8-3.2 0.78
O LOCK 2.0x 4.0 Ctr Ctr 0.53
C LOCK 5.0x 9.0-0.8-3.5 0.79
P LOCK 3.0x 7.0 Ctr Ctr 0.94
X LOCK 5.0x 7.0 0.2 0.5 0.86
Y LOCK 2.0x 4.0 Ctr Ctr 0.52
D LOCK 4.0x 6.0 Ctr Ctr 0.1 0.81
S LOCK 4.0x 6.0 Ctr Ctr 0.46
R LOCK 6.0x 8.0 0.3-1.2 0.69
G# LOCK 8.0x10.0 Ctr-1.7 0.57
I LOCK 4.0x 6.0 Ctr Ctr 0.60
F# LOCK 8.0x10.0 0.2 0.9 0.75
E LOCK 3.0x 4.0 Ctr Ctr 0.68
W LOCK 4.0x 8.0 Ctr Ctr 0.56

= Plate Monitor used

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

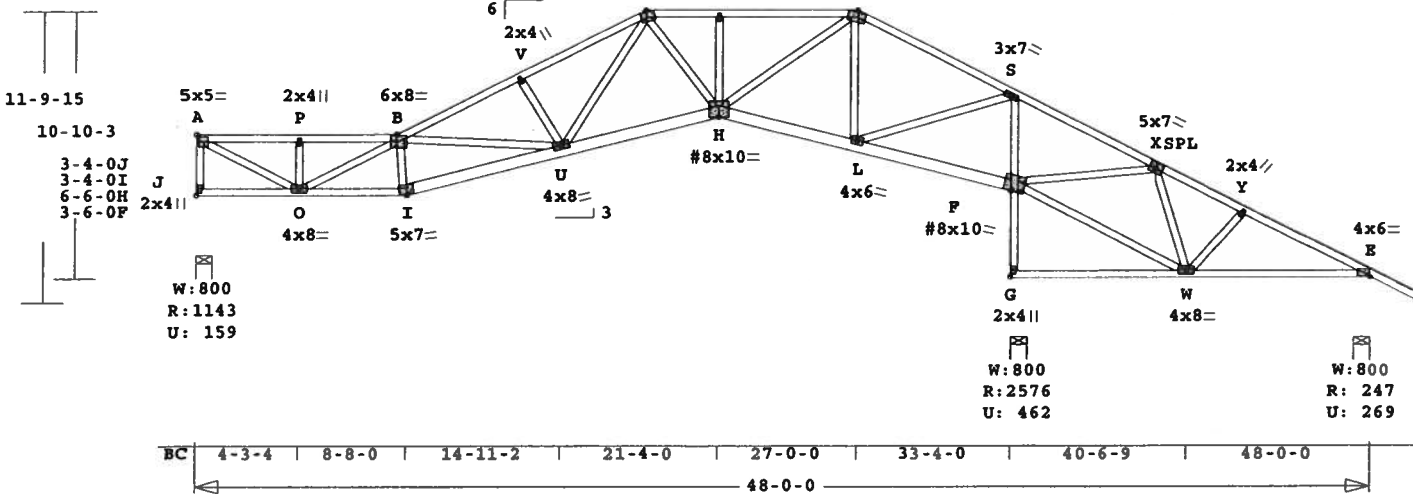
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- --To--
33- 4- 0 48- 0- 0
Max comp. force 3595 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0 127" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 377.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	----Lumber----
TC	0.83	2x 4	SP-#2
BC	0.72	2x 4	SP-#2
EX I	-H	2x 6	SP-#2
EX H	-F	2x 6	SP-#2
CW	0.25	2x 4	SP-#2
WB	0.54	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	18- 4- 0
TC 2- 0- 0	18- 4- 0	27- 0- 0
TC Cont.	27- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
J	1143	159	8- 0	1- 8
			Hz =	-220
G	2577	462	8- 0	2-14
E	248	270	8- 0	1- 8
			Hz =	185

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -P	0.23	1876 C	0.02	0.21
P -B	0.23	1876 C	0.02	0.21
B -V	0.24	2441 C	0.03	0.21
V -C	0.24	2284 C	0.03	0.21
C -R	0.11	1569 C	0.01	0.10
R -D	0.38	1569 C	0.01	0.37
D -S	0.50	404 C	0.00	0.50
S -X	0.83	1915 T	0.33	0.50
X -Y	0.27	436 T	0.05	0.22
Y -E	0.25	420 T	0.03	0.22
-----Bottom Chords-----				
J -O	0.10	192 T	0.00	0.10
O -I	0.72	3124 T	0.52	0.20
I -U	0.49	3177 T	0.38	0.11
U -H	0.31	1614 T	0.19	0.12
H -L	0.17	363 T	0.04	0.13
L -F	0.14	1746 C	0.00	0.14

G - W	0.37	21	C	0.00	0.37
W - E	0.37	361	C	0.00	0.37
-----Chord-Webs-----					
G - F	0.23	2524	C	0.23	0.00
F - S	0.25	2105	C	0.19	0.06
-----Webs-----					
J - A	0.11	1097	C	WindLd	
A - O	0.39	2123	T		
O - P	0.03	313	C		
O - B	0.37	1396	C		
B - I	0.06	645	C		
B - U	0.47	894	C		
V - U	0.04	272	C		
U - C	0.16	915	T		
C - H	0.01	95	T		
H - R	0.04	231	C		
H - D	0.26	1442	T		
L - D	0.34	985	C		
L - S	0.39	2138	T		
F - X	0.54	1217	C		
P - W	0.42	531	C		
X - W	0.11	644	T		
W - Y	0.04	267	C		

TL Defl	-0.38"	in I -U	L/999
LL Defl	-0.18"	in I -U	L/999
Hz Disp	LL	DL	TL
Jt G	0.05"	0.05"	0.10"
Shear //	Grain	in D -S	0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	-	LOCK	20 Ga,	Gross Area
Plate	-	RHS	20 Ga,	Gross Area
Jt	Type	Plt Size	X Y	JSI
A	LOCK	5.0x 5.0	Ctr Ctr	0.78
P	LOCK	2.0x 4.0	Ctr Ctr	0.53
B	LOCK	6.0x 8.0	1.0 Ctr	0.88
V	LOCK	2.0x 4.0	Ctr Ctr	0.52
C	LOCK	5.0x 7.0	0.8-3.2	0.79
R	LOCK	2.0x 4.0	Ctr Ctr	0.53
D	LOCK	5.0x 9.0	0.8-3.5	0.79
S	LOCK	3.0x 7.0	Ctr Ctr	0.92
X	LOCK	5.0x 7.0	0.2 0.5	0.86
Y	LOCK	2.0x 4.0	Ctr Ctr	0.53
E	LOCK	4.0x 6.0	Ctr 0.1	0.81
J	LOCK	2.0x 4.0	Ctr Ctr	0.65
O	LOCK	4.0x 8.0	Ctr Ctr	0.82
I	LOCK	5.0x 7.0	0.0-0.4	2.9 0.75
U	LOCK	4.0x 8.0	Ctr Ctr	0.59
H#	LOCK	8.0x10.0	Ctr-1.7	0.57
L	LOCK	4.0x 6.0	Ctr Ctr	0.59
F#	LOCK	8.0x10.0	0.2 0.8	0.75
G	LOCK	2.0x 4.0	Ctr Ctr	1.00
W	LOCK	4.0x 8.0	Ctr Ctr	0.56

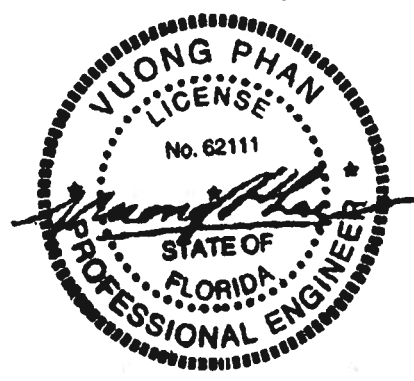
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

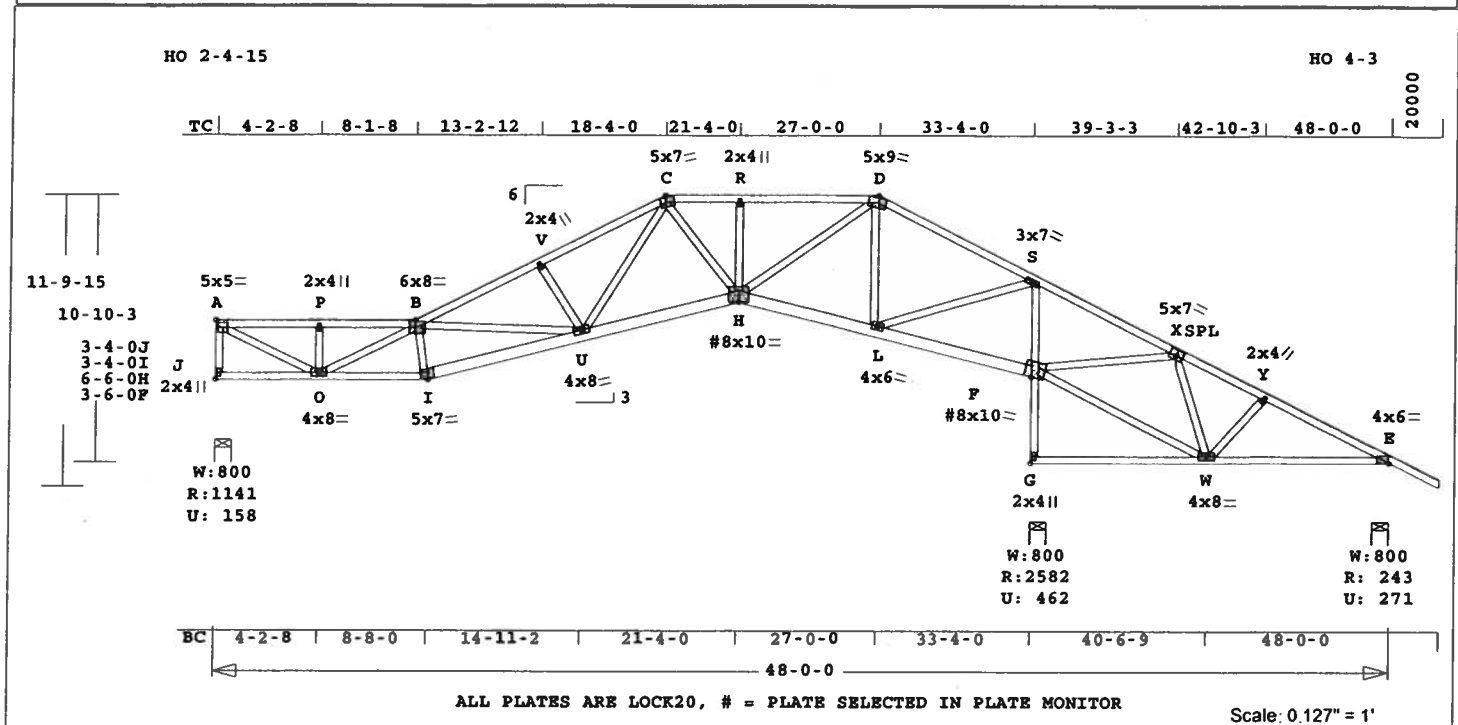


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A3	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

regions --From-- ---To---
33- 4- 0 48- 0- 0
Max comp. force 2524 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A4	1	SP	480000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 377.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.83 2x 4	SP-#2
BC	0.74 2x 4	SP-#2
EX I -H	2x 6	SP-#2
EX H -F	2x 6	SP-#2
CW	0.25 2x 4	SP-#2
WB	0.54 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	18- 4- 0
TC 2- 0- 0	18- 4- 0	27- 0- 0
TC Cont.	27- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
J	1142	159	8- 0	1- 8
G	2582	463	8- 0	2-15
E	244	271	8- 0	1- 8

Hx = -219
Hx = 186

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -P	0.22	1901 C	0.02	0.20
P -B	0.22	1901 C	0.02	0.20
B -V	0.25	2443 C	0.03	0.22
V -C	0.25	2278 C	0.03	0.22
C -R	0.11	1561 C	0.01	0.10
R -D	0.38	1561 C	0.01	0.37
D -S	0.50	395 C	0.00	0.50
S -X	0.83	1930 T	0.33	0.50
X -Y	0.27	439 T	0.05	0.22
Y -E	0.25	423 T	0.03	0.22
-----Bottom Chords-----				
J -O	0.09	192 T	0.00	0.09
O -I	0.74	3182 T	0.53	0.21
I -U	0.49	3190 T	0.38	0.11
U -H	0.31	1608 T	0.19	0.12
H -L	0.17	355 T	0.04	0.13
L -F	0.14	1760 C	0.00	0.14

G -W	0.37	21 C	0.00	0.37
W -E	0.37	364 C	0.00	0.37
-----Chord-Webs-----				
G -F	0.23	2529 C	0.23	0.00
F -S	0.25	2111 C	0.19	0.06
-----Webs-----				
J -A	0.11	1095 C	WindLd	
A -O	0.39	2145 T		
O -P	0.03	307 C		
P -B	0.36	1428 C		
B -I	0.06	652 C		
B -U	0.50	904 C		
U -V	0.04	279 C		
V -C	0.16	914 T		
C -H	0.01	96 T		
H -R	0.04	230 C		
H -D	0.26	1442 T		
L -D	0.34	988 C		
L -S	0.39	2145 T		
F -X	0.54	1222 C		
F -W	0.42	540 C		
X -W	0.11	648 T		
W -Y	0.04	268 C		

TL Defl	-0.38"	in I -U	L/999
LL Defl	-0.19"	in I -U	L/999
Hx Disp	LL	DL	TL
Jt G	0.05"	0.05"	0.10"
Shear //	Grain	in D -S	0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate -	LOCK 20 Ga,	Gross Area
Plate -	RHS 20 Ga,	Gross Area
Jt Type	Plt Size	X Y JSI
A LOCK	5.0x 5.0	Ctr Ctr 0.78
P LOCK	2.0x 4.0	Ctr Ctr 0.53
B LOCK	6.0x 8.0	1.0 Ctr 0.88
V LOCK	2.0x 4.0	Ctr Ctr 0.53
C LOCK	5.0x 7.0	0.8-3.2 0.79
R LOCK	2.0x 4.0	Ctr Ctr 0.53
D LOCK	5.0x 9.0	0.8-3.5 0.79
S LOCK	3.0x 7.0	Ctr Ctr 0.92
X LOCK	5.0x 7.0	0.2 0.5 0.86
Y LOCK	2.0x 4.0	Ctr Ctr 0.53
E LOCK	4.0x 6.0	Ctr Ctr 0.1 0.81
J LOCK	2.0x 4.0	Ctr Ctr 0.65
O LOCK	4.0x 8.0	Ctr Ctr 0.83
I LOCK	5.0x 7.0	0.4 2.9 0.75
U LOCK	4.0x 8.0	Ctr Ctr 0.60
H# LOCK	8.0x10.0	Ctr-1.7 0.57
L LOCK	4.0x 6.0	Ctr Ctr 0.59
F# LOCK	8.0x10.0	0.2 0.9 0.75
G LOCK	2.0x 4.0	Ctr Ctr 1.00
W LOCK	4.0x 8.0	Ctr Ctr 0.56

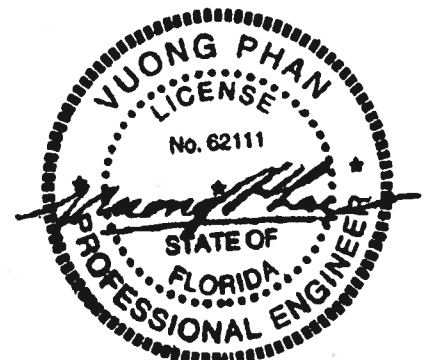
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

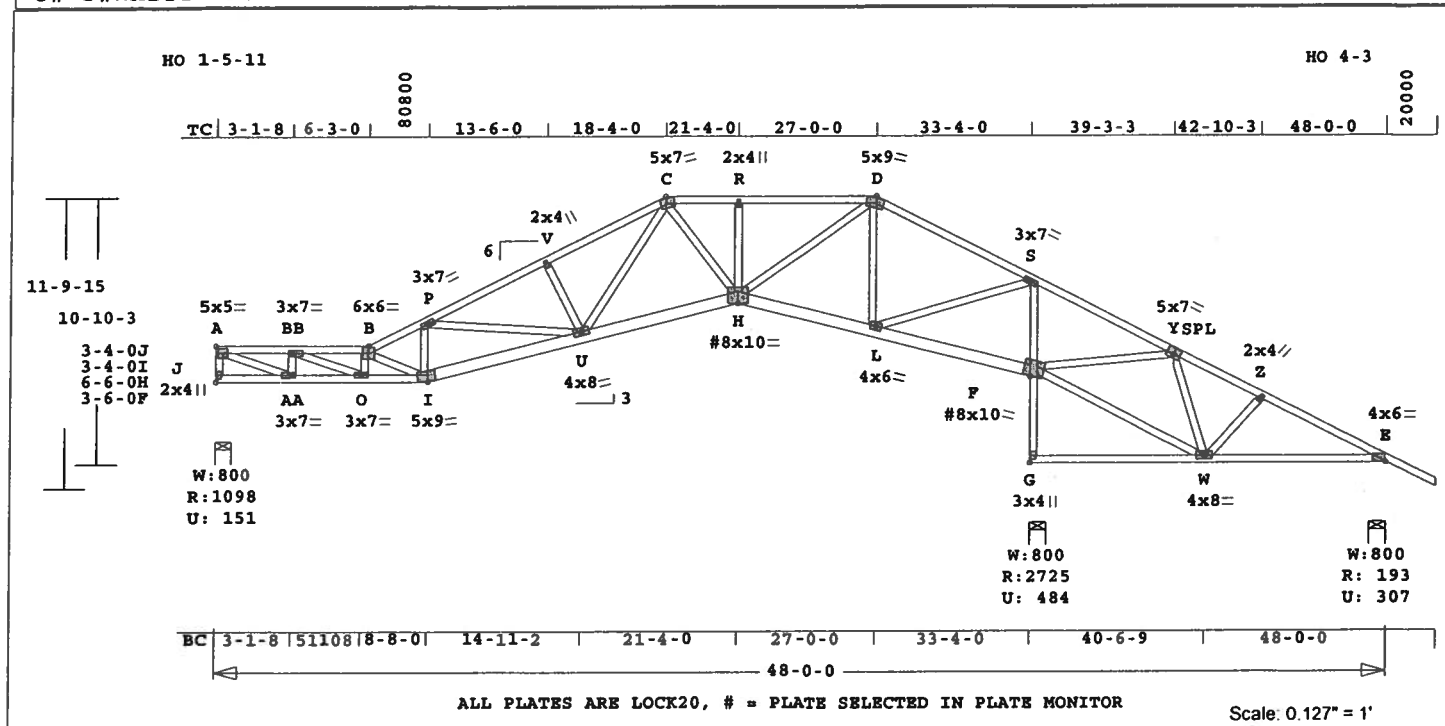


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A4	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

regions --From-- ---To---
33- 4- 0 48- 0- 0
Max comp. force 2529 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A5	1	SP	480000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 374.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---

TC	0.91	2x 4	SP-#2
BC	0.46	2x 6	SP-#2
EX J -I	2x 4	SP-#1	
EX G -E	2x 4	SP-#2	
CW	0.28	2x 4	SP-#2
WB	0.62	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	40.0
Spacing		24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15 Fc=1.10 Ft=1.10		
BC Fb=1.10 Fc=1.10 Ft=1.10		

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
J	1099	152	8- 0	1- 8
			Hx =	-207
G	2725	485	8- 0	3- 1
E	194	307	8- 0	1- 8
			Hx =	193

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -BB	0.17	2441	C	0.04 0.13
BB-B	0.31	4190	C	0.12 0.19
B -P	0.45	3104	C	0.06 0.39
P -V	0.25	2238	C	0.03 0.22
V -C	0.22	2101	C	0.03 0.19
C -R	0.12	1329	C	0.01 0.11
R -D	0.40	1329	C	0.01 0.39
D -S	0.51	156	C	0.00 0.51
S -Y	0.91	2354	T	0.40 0.51
Y -Z	0.31	569	T	0.08 0.23
Z -E	0.30	500	T	0.07 0.23
-----Bottom Chords-----				
J -AA	0.04	192	T	0.00 0.04
AA-O	0.65	2441	T	0.32 0.33
O -I	0.90	4277	T	0.56 0.34
I -U	0.46	2923	T	0.35 0.11
U -H	0.29	1438	T	0.17 0.12
H -L	0.14	250	T	0.01 0.13
L -F	0.14	2151	C	0.00 0.14

G -W	0.38	23	C	0.00	0.38
W -E	0.38	432	C	0.00	0.38
-----Chord-Webs-----					
G -F	0.24	2672	C	0.24	0.00
F -S	0.28	2249	C	0.22	0.06
-----Webs-----					
J -A	0.10	1071	C	WindLd	
A -AA	0.48	2626	T		
AA-BB	0.07	825	C		
BB-O	0.34	1882	T		
O -B	0.08	927	C		
B -I	0.18	1540	C		
I -P	0.03	200	T		
P -U	0.43	835	C		
U -V	0.04	260	C		
V -C	0.17	928	T		
C -H	0.02	110	T		
H -R	0.04	237	C		
R -D	0.26	1419	T		
D -L	0.38	1081	C		
L -S	0.42	2317	T		
S -Y	0.61	1376	C		
Y -W	0.62	790	C		
W -U	0.14	771	T		
U -Z	0.04	273	C		

TL Defl	-0.50"	in I -U	L/786
LL Defl	-0.24"	in I -U	L/999
Hx Disp	LL	DL	TL
Jt G	0.05"	0.05"	0.09"
Shear //	Grain	in O -I	0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.79
BB LOCK 3.0x 7.0 Ctr Ctr 0.61
B LOCK 6.0x 6.0 Ctr Ctr 0.88
P LOCK 3.0x 7.0 Ctr Ctr 0.44
V LOCK 2.0x 4.0 Ctr Ctr 0.52
C LOCK 5.0x 7.0 0.8-3.2 0.79
R LOCK 2.0x 4.0 Ctr Ctr 0.53
D LOCK 5.0x 9.0-0.8-3.5 0.78
S LOCK 3.0x 7.0 Ctr Ctr 0.98
Y LOCK 5.0x 7.0 0.2 0.5 0.86
Z LOCK 2.0x 4.0 Ctr Ctr 0.53
E LOCK 4.0x 6.0 Ctr 0.1 0.81
J LOCK 2.0x 4.0 Ctr Ctr 0.65
AA LOCK 3.0x 7.0 Ctr Ctr 0.85
O LOCK 3.0x 7.0 Ctr Ctr 0.61
I LOCK 5.0x 9.0-0.9 3.0 0.84
U LOCK 4.0x 8.0 Ctr Ctr 0.58
H# LOCK 8.0x10.0 Ctr-1.7 0.57
L LOCK 4.0x 6.0 Ctr Ctr 0.64
F# LOCK 8.0x10.0 0.2 1.0 0.75

G LOCK 3.0x 4.0 Ctr Ctr 0.70
W LOCK 4.0x 8.0 Ctr Ctr 0.56

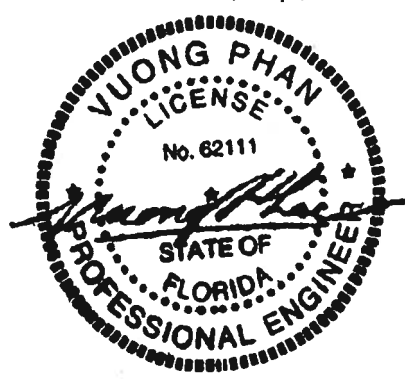
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

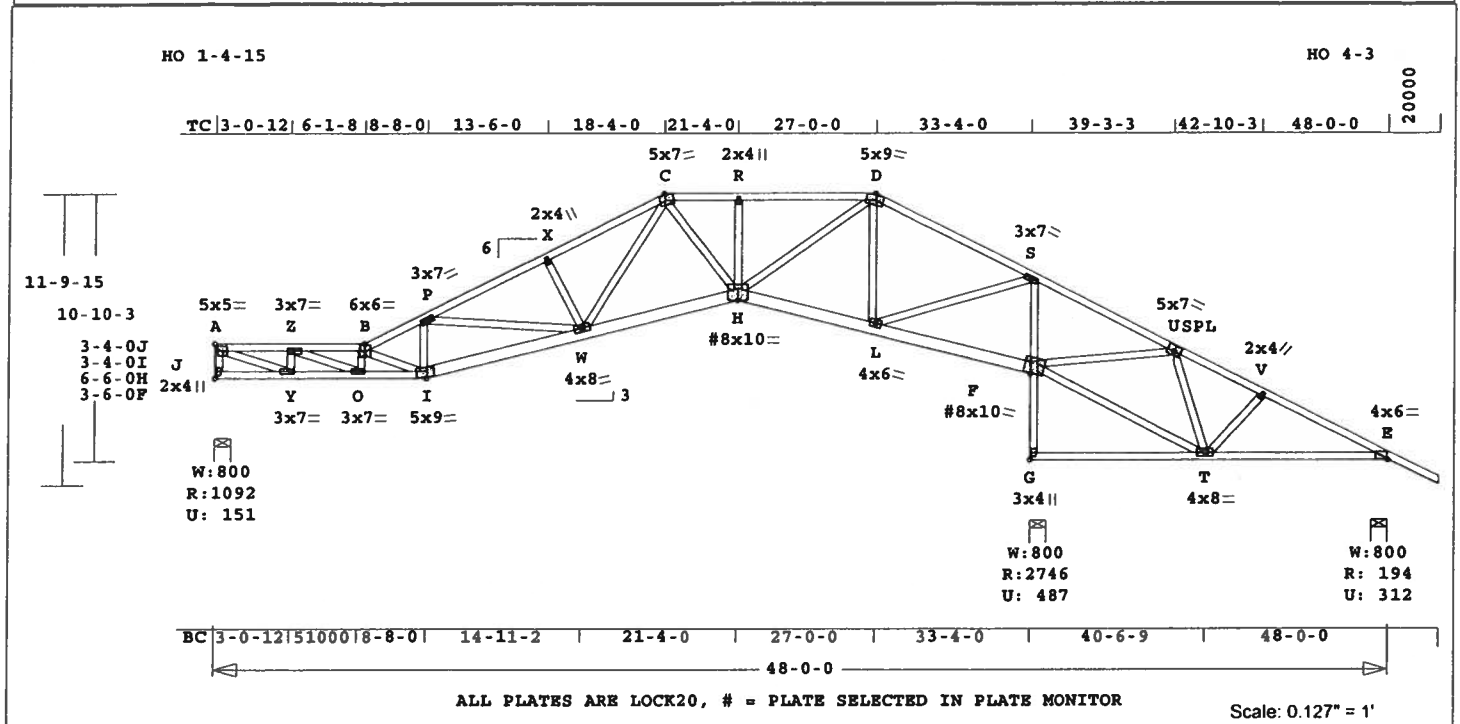


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A5	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 User-defined wind-exposed BC
 regions --From-- ---To---
 33- 4- 0 48- 0- 0
 Max comp. force 4190 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A6	1	SP	480000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 374.1 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---

TC	0.92	2x 4	SP-#2
BC	0.47	2x 6	SP-#2
EX J -I	2x 4	SP-#1	
EX G -E	2x 4	SP-#2	
CW	0.29	2x 4	SP-#2
WB	0.65	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	40.0
Spacing		24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
J	1093	151	8- 0	1- 8
			H _z =	-206
G	2747	487	8- 0	3- 2
E	194	313	8- 0	1- 8
			H _z =	193

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -Z	0.18	2506	C	0.04 0.14
Z -B	0.32	4306	C	0.12 0.20
B -P	0.48	3077	C	0.06 0.42
P -X	0.26	2210	C	0.03 0.23
X -C	0.21	2074	C	0.02 0.19
C -R	0.12	1295	C	0.01 0.11
R -D	0.40	1295	C	0.01 0.39
D -S	0.51	120	C	0.00 0.51
S -U	0.92	2418	T	0.41 0.51
U -V	0.32	601	T	0.09 0.23
V -E	0.31	511	T	0.08 0.23
-----Bottom Chords-----				
J -Y	0.04	192	T	0.00 0.04
Y -O	0.69	2506	T	0.33 0.36
O -I	0.94	4400	T	0.58 0.36
I -W	0.47	2899	T	0.35 0.12
W -H	0.29	1413	T	0.17 0.12
H -L	0.14	254	T	0.01 0.13
L -F	0.14	2210	C	0.00 0.14

G -T	0.38	23	C	0.00 0.38
T -E	0.38	442	C	0.00 0.38
-----Chord-Webs-----				
G -F	0.24	2694	C	0.24 0.00
F -S	0.29	2269	C	0.23 0.06
-----Webs-----				
J -A	0.10	1065	C	WindLd
A -Y	0.49	2684	T	
Y -Z	0.07	811	C	
Z -O	0.35	1928	T	
O -B	0.08	937	C	
B -I	0.20	1672	C	
I -P	0.03	197	T	
P -W	0.43	836	C	
X -W	0.04	258	C	
W -C	0.17	928	T	
C -H	0.03	112	T	
H -R	0.04	237	C	
H -D	0.26	1416	T	
L -D	0.38	1095	C	
L -S	0.43	2343	T	
F -U	0.62	1399	C	
F -T	0.65	828	C	
U -T	0.14	789	T	
T -V	0.04	274	C	

TL Defl	-0.52"	in I -W	L/759
LL Defl	-0.25"	in I -W	L/999
H _z Disp	LL	DL	TL
Jt G	0.05"	0.05"	0.09"
Shear //	Grain	in O -I	0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.82
Z LOCK 3.0x 7.0 Ctr Ctr 0.62
B LOCK 6.0x 6.0 Ctr Ctr 0.88
P LOCK 3.0x 7.0 Ctr Ctr 0.44
X LOCK 2.0x 4.0 Ctr Ctr 0.52
C LOCK 5.0x 7.0 0.8-3.2 0.79
R LOCK 2.0x 4.0 Ctr Ctr 0.53
D LOCK 5.0x 9.0-0.8-3.5 0.78
S LOCK 3.0x 7.0 Ctr Ctr 0.99
U LOCK 5.0x 7.0 0.2 0.5 0.86
V LOCK 2.0x 4.0 Ctr Ctr 0.53
E LOCK 4.0x 6.0 Ctr 0.1 0.81
J LOCK 2.0x 4.0 Ctr Ctr 0.65
Y LOCK 3.0x 7.0 Ctr Ctr 0.86
O LOCK 3.0x 7.0 Ctr Ctr 0.62
I LOCK 5.0x 9.0-0.9 3.0 0.86
W LOCK 4.0x 8.0 Ctr Ctr 0.58
H# LOCK 8.0x10.0 Ctr-1.7 0.57
L LOCK 4.0x 6.0 Ctr Ctr 0.64
F# LOCK 8.0x10.0 0.2 1.0 0.75

G LOCK	3.0x 4.0	Ctr Ctr	0.71
T LOCK	4.0x 8.0	Ctr Ctr	0.56

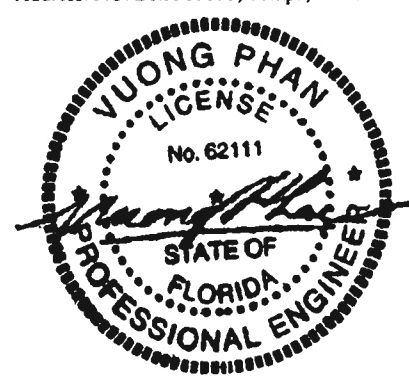
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

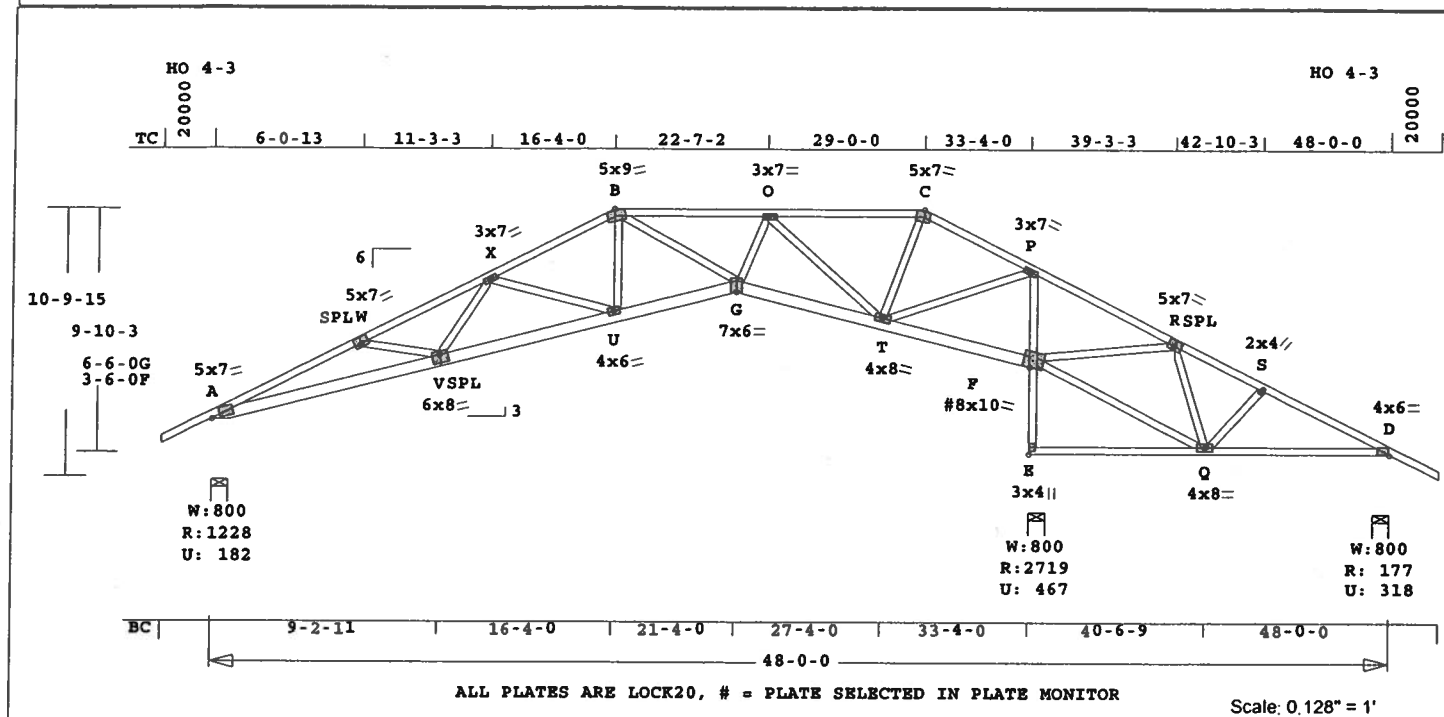


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A6	1	SP	480000	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								

Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 User-defined wind-exposed BC
 regions --From-- ---To---
 33- 4- 0 48- 0- 0
 Max comp. force 4306 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A7	1	SP	480000	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 363.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber-----
TC 0.73 2x 4 SP-#2
BC 0.51 2x 6 SP-#2
EX E -D 2x 4 SP-#2
CW 0.29 2x 4 SP-#2
WB 0.97 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 48- 0- 0
BC Cont. 0- 0- 0 48- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1229	182	8- 0	1- 8
			Hz =	-196
E	2720	467	8- 0	3- 1
D	177	318	8- 0	1- 8
			Hz =	199

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -W	0.26	3434	C	0.11	0.15
W -X	0.38	2976	C	0.11	0.27
X -B	0.28	1938	C	0.02	0.26
B -O	0.45	1742	C	0.01	0.44
O -C	0.44	77	T	0.00	0.44
C -P	0.33	115	C	0.00	0.33
P -R	0.73	2357	T	0.40	0.33
R -S	0.32	559	T	0.10	0.22
S -D	0.29	523	T	0.07	0.22
-----Bottom Chords-----					
A -V	0.51	3158	T	0.38	0.13
V -U	0.41	2527	T	0.30	0.11
U -G	0.25	1772	T	0.21	0.04
G -T	0.23	1419	T	0.17	0.06
T -F	0.11	2164	C	0.00	0.11
E -Q	0.38	23	C	0.00	0.38
Q -D	0.38	453	C	0.00	0.38

-----Chord-Webs-----
E -F 0.24 2667 C 0.24 0.00
F -P 0.29 2221 C 0.22 0.07

-----Webs-----
W -V 0.07 411 C
V -X 0.07 518 T
X -U 0.28 746 C
U -B 0.09 540 T
B -G 0.01 102 T
G -O 0.17 927 T
O -T 0.97 1882 C
T -C 0.07 248 C
T -P 0.42 2324 T
P -R 0.62 1405 C
R -Q 0.61 770 C
Q -S 0.13 753 T
Q -S 0.04 262 C

TL Defl -0.40" in V -U L/970
LL Defl -0.20" in V -U L/999
Hz Disp LL DL TL
Jt E 0.10" 0.10" 0.20"
Shear // Grain in B -O 0.28

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga, Gross Area
Plate - LOCK 20 Ga, Gross Area		
Plate - RHS 20 Ga, Gross Area		
Jt Type	Plt Size	X Y JSI
A LOCK	5.0x 7.0	Ctr Ctr 0.90
W LOCK	5.0x 7.0	0.2 0.5 0.86
X LOCK	3.0x 7.0	Ctr Ctr 0.52
B LOCK	5.0x 9.0	0.8-3.5 0.76
O LOCK	3.0x 7.0	1.0 Ctr 0.59
C LOCK	5.0x 7.0	0.8-3.2 0.75
P LOCK	3.0x 7.0	Ctr Ctr 0.97
R LOCK	5.0x 7.0	0.2 0.5 0.86
S LOCK	2.0x 4.0	Ctr Ctr 0.52
D LOCK	4.0x 6.0	Ctr 0.1 0.81
V LOCK	6.0x 8.0	0.3-1.2 0.69
U LOCK	4.0x 6.0	Ctr Ctr 0.48
G LOCK	7.0x 6.0	Ctr-2.2 0.64
T LOCK	4.0x 8.0	Ctr Ctr 0.98
F# LOCK	8.0x10.0	0.2 0.9 0.75
E LOCK	3.0x 4.0	Ctr Ctr 0.70
Q LOCK	4.0x 8.0	Ctr Ctr 0.56

= Plate Monitor used

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

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

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

Prevent truss rotation at all
bearing locations.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

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

Wind-Force Resistance System.

Wind Speed: 110 mph
Mean Roof Height: 15-0

Exposure Category: B
Occupancy Factor : 1.00

Building Type: Enclosed
Zone location: Exterior

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf

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

33- 4- 0 48- 0- 0
Max comp. force 3434 Lbs

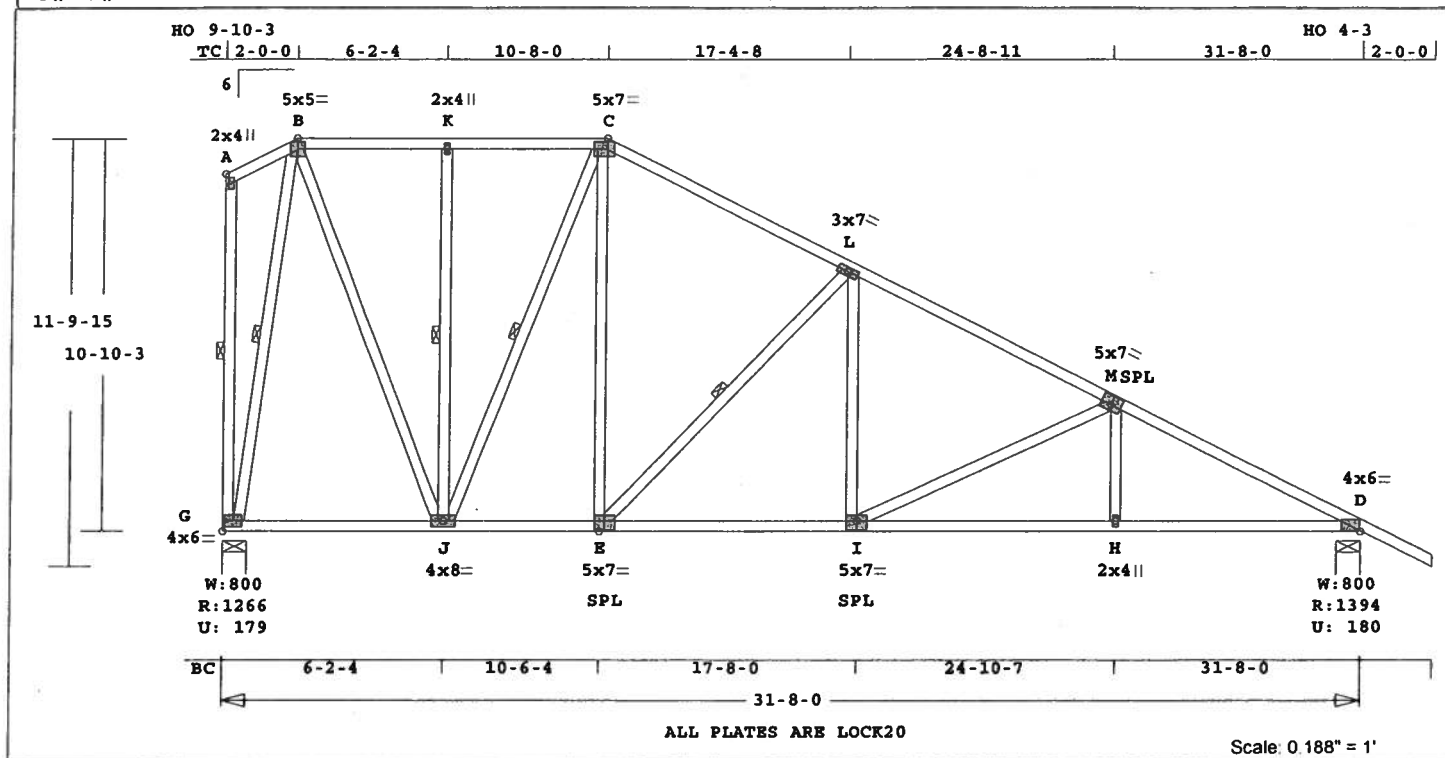
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111

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



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 299.1 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.51 2x 4 SP-#2
BC 0.50 2x 4 SP-#2
WB 0.51 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 8- 0
BC Cont. 0- 0- 0 31- 8- 0
WB 1 rows CLB on G -A
WB 1 rows CLB on G -B
WB 1 rows CLB on J -K
WB 1 rows CLB on J -C
WB 1 rows CLB on E -L
Attach CLB with (2)-10d nails
at each web.

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
G	1267	180	8- 0	1- 8
			Hz =	-360
D	1395	180	8- 0	1-10
			Hz =	180

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.10	143 C	0.00	0.10
B -K	0.16	593 C	0.00	0.16
K -C	0.16	593 C	0.00	0.16
C -L	0.50	951 C	0.00	0.50
L -M	0.51	1584 C	0.01	0.50

M	-D	0.44	2228 C	0.02	0.42
-----Bottom Chords-----					
G -J	0.20	253 T	0.01	0.19	
J -E	0.27	834 T	0.08	0.19	
E -I	0.43	1419 T	0.14	0.29	
I -H	0.50	1999 T	0.33	0.17	
H -D	0.45	1999 T	0.33	0.12	
-----Webs-----					
G -A	0.27	94 C	WindLd	1 Br	
G -B	0.42	1135 C		1 Br	
B -J	0.21	1047 T			
J -K	0.09	263 C		1 Br	
J -C	0.26	635 C		1 Br	
E -C	0.12	692 T			
E -L	0.27	825 C		1 Br	
I -L	0.07	508 T			
I -M	0.51	640 C			
H -M	0.04	278 T			

TL Defl -0.20" in I -H L/999
LL Defl -0.08" in I -H L/999
Shear // Grain in C -L 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.45
B LOCK 5.0x 5.0 Ctr-0.2 0.94
K LOCK 2.0x 4.0 Ctr Ctr 0.42
C LOCK 5.0x 7.0 0.5-0.1 0.89
L LOCK 3.0x 7.0 Ctr Ctr 0.46
M LOCK 5.0x 7.0 0.2 0.5 0.69
D LOCK 4.0x 6.0 Ctr 0.1 0.65
G LOCK 4.0x 6.0 Ctr Ctr 0.67
J LOCK 4.0x 8.0 Ctr Ctr 0.51
E LOCK 5.0x 7.0 Ctr-0.5 0.70
I LOCK 5.0x 7.0 Ctr-0.5 0.70
H LOCK 2.0x 4.0 Ctr Ctr 0.42

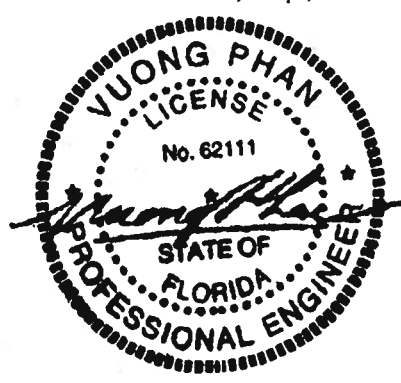
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

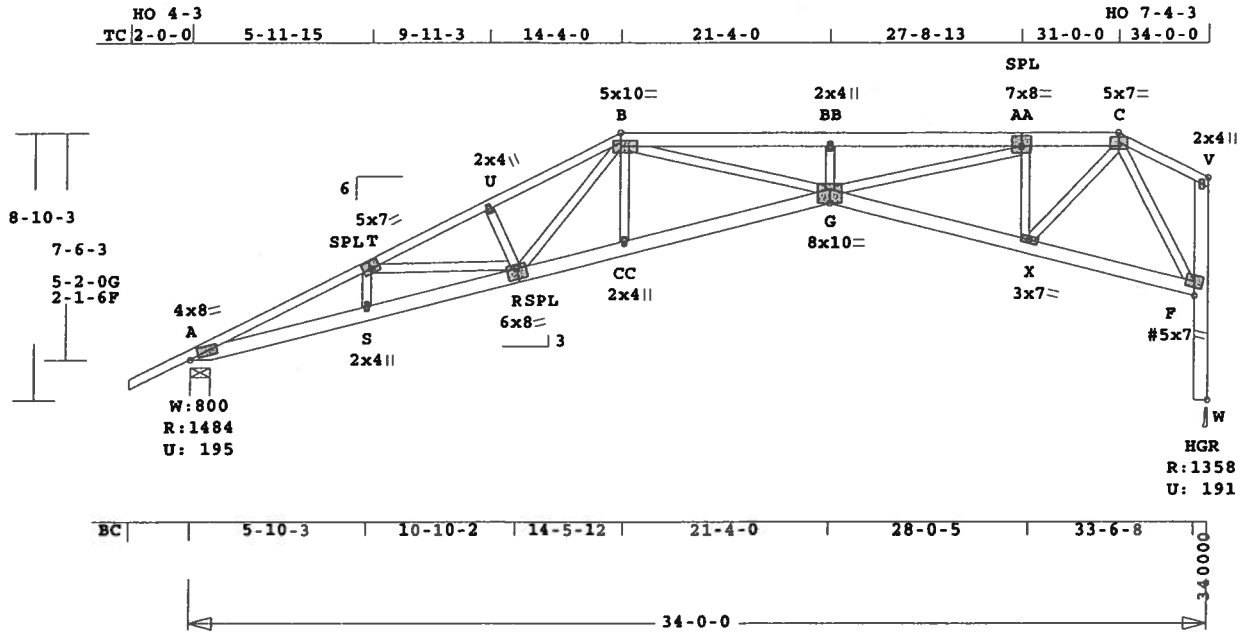
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Provide connection to bearing
for 360 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2228 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A9	1	SP	340000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Scale: 0.156\" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 290.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber-----
TC 0.43 2x 4 SP-#2
EX B -AA 2x 6 SP-#2
EX AA-C 2x 6 SP-#2
BC 0.71 2x 6 SP-#2
WB 0.74 2x 4 SP-#2
EX F -V 2x 6 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1485	195	8- 0	1-12
			Hz =	252
W	1359	192	3- 8	1- 8
			Hz =	-129

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -T	0.43	4361	C	0.20	0.23
T -U	0.31	3929	C	0.14	0.17
U -B	0.27	3822	C	0.13	0.14
B -BB	0.49	5879	C	0.13	0.36
BB-AA	0.43	5879	C	0.12	0.31
AA-C	0.23	1956	C	0.01	0.22
C -V	0.33	136	C	0.00	0.33
-----Bottom Chords-----					
A -S	0.70	3990	T	0.48	0.22
S -R	0.71	4019	T	0.48	0.23
R -CC	0.45	3072	T	0.37	0.08
CC-G	0.44	3057	T	0.36	0.08

G -X	0.42	2004	T	0.24	0.18
X -F	0.22	822	T	0.10	0.12
-----Webs-----					
S -T	0.01	113	T		
T -R	0.11	372	C		
U -R	0.02	229	C		
R -B	0.12	703	T		
CC-B	0.04	270	T		
B -G	0.54	2973	T		
G -BB	0.02	299	C		
G -AA	0.74	4046	T		
X -AA	0.21	1327	C		
X -C	0.31	1681	T		
C -F	0.55	1443	C		
F -V	0.19	257	C	0.00	0.19
W -F	0.40	1358	C	0.00	0.40

TL Defl	-0.85\"	in CC-G	L/467
LL Defl	-0.42\"	in CC-G	L/953
Hz Disp	LL	DL	TL
Jt W	0.38\"	0.39\"	0.77\"
Shear //	Grain	in C -V	0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate -	LOCK 20	Ga,	Gross Area			
Plate -	RHS 20	Ga,	Gross Area			
Jt Type	Plt Size	X	Y	JSI		
A	LOCK	4.0x	8.0	Ctr	0.93	
T	LOCK	5.0x	7.0	0.2	0.5	0.72
U	LOCK	2.0x	4.0	Ctr	0.44	
B	LOCK	5.0x10.0	Ctr	0.99		
BB	LOCK	2.0x	4.0	Ctr	0.44	
AA	LOCK	7.0x	8.0	Ctr	0.8	0.97
C	LOCK	5.0x	7.0	Ctr	0.3	0.85
V	LOCK	2.0x	4.0	Ctr	0.78	
S	LOCK	2.0x	4.0	Ctr	0.44	
R	LOCK	6.0x	8.0	0.3-1.2	0.82	
CC	LOCK	2.0x	4.0	Ctr	0.44	
G	LOCK	8.0x10.0	Ctr	1.7	0.82	
X	LOCK	3.0x	7.0	Ctr	0.86	
F#	LOCK	5.0x	7.0	Ctr	0.73	

= Plate Monitor used

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

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

NOTES:

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

OH Loading

Soffit psf 2.0

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

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

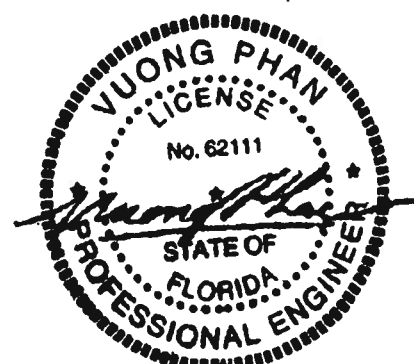
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

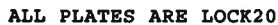
Max comp. force 5879 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 298.4 LBS

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.75	2x 4	SP-#2
CW	0.09	2x 4	SP-#2
WB	0.58	2x 4	SP-#2

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0
WB 1 rows CLB on H	-A	
WB 1 rows CLB on K	-L	
WB 1 rows CLB on J	-B	
Attach CLB with (2)-10d nails at each web.		

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -L	0.49	689 C	0.00 0.49
L -B	0.49	991 C	0.00 0.49
B -M	0.24	1502 C	0.01 0.23
M -N	0.35	1607 C	0.01 0.34
N -O	0.37	2334 C	0.03 0.34
O -P	0.20	3986 C	0.11 0.09
P -C	0.17	2363 C	0.04 0.13
-----Bottom Chords-----			
H -K	0.25	268 T	0.00 0.25
K -J	0.32	688 T	0.07 0.25
J -G	0.14	25 C	0.00 0.14
F -I	0.44	2099 T	0.35 0.09

TL Defl	-0.32"	in F -I	L/999
LL Defl	-0.15"	in F -I	L/999
Hz Disp	LL	DL	TL
Jt C	0.08"	0.08"	0.15"
Shear //	Grain	in A -L	0.30

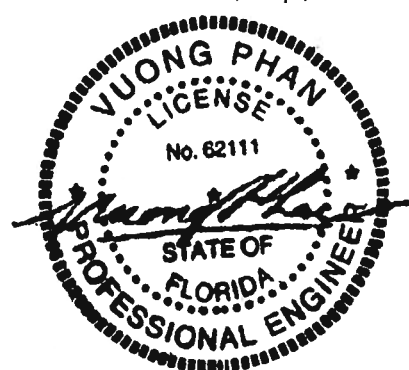
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

REVIEWED BY:
Robbins Engineering, Inc.

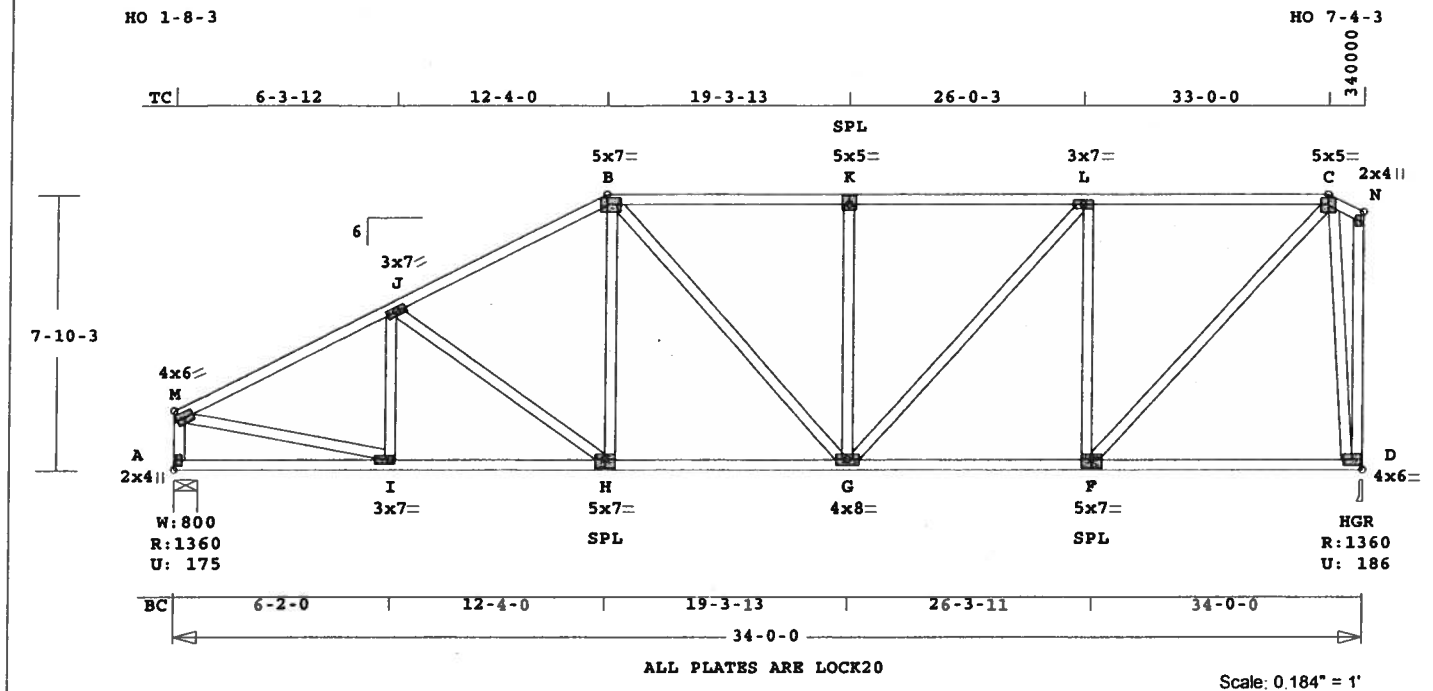
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FRC2004

OK Loading
Soffit psf 2.0
Provide connection to bearing
for 340 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3986 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A11	1	SP	340000	6	0	0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 290.7 LBS

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.47 2x 4 SP-#2
BC 0.47 2x 4 SP-#2
WB 0.84 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1360	176	8- 0	1-10
			Hx =	-145
D	1360	187	3- 8	1-10
			Hx =	255

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
M -J	0.41	1727 C	0.04	0.37
J -B	0.40	1592 C	0.01	0.39
B -K	0.47	1517 C	0.01	0.46
K -L	0.47	1517 C	0.01	0.46
L -C	0.43	1105 C	0.00	0.43
C -N	0.12	113 C	0.00	0.12
-----Bottom Chords-----				
A -I	0.22	127 T	0.00	0.22
I -H	0.39	1559 T	0.26	0.13

	H -G	0.36	1416 T	0.23	0.13
G -F	0.47	1105 T	0.11	0.36	
F -D	0.37	184 T	0.01	0.36	

	A -M	0.12	1307 C	WindLd
M -I	0.29	1603 T		
I -J	0.06	241 C		
J -H	0.12	171 C		
H -B	0.05	331 T		
B -G	0.09	149 T		
G -K	0.31	436 C		
G -L	0.11	613 T		
F -L	0.62	872 C		
F -C	0.26	1427 T		
C -D	0.84	1175 C		
D -N	0.18	134 C	WindLd	

TL Defl -0.23" in F -D L/999
LL Defl -0.11" in F -D L/999
Shear // Grain in B -K 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga, Gross Area
Plate	RHS	20 Ga, Gross Area
Jt Type	Plt Size	X Y JSI
M LOCK	4.0x 6.0	0.1 Ctr 0.71
J LOCK	3.0x 7.0	Ctr Ctr 0.40
B LOCK	5.0x 7.0	0.5-0.1 0.92
K LOCK	5.0x 5.0	Ctr 0.5 0.73
L LOCK	3.0x 7.0	Ctr Ctr 0.46
C LOCK	5.0x 5.0	Ctr-0.2 0.97
N LOCK	2.0x 4.0	Ctr Ctr 0.47
A LOCK	2.0x 4.0	Ctr Ctr 0.47
I LOCK	3.0x 7.0	Ctr Ctr 0.85
H LOCK	5.0x 7.0	Ctr-0.5 0.73
G LOCK	4.0x 8.0	Ctr Ctr 0.42
F LOCK	5.0x 7.0	Ctr-0.5 0.73
D LOCK	4.0x 6.0	Ctr Ctr 0.71

REVIEWED BY:
Robbins Engineering, Inc.

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

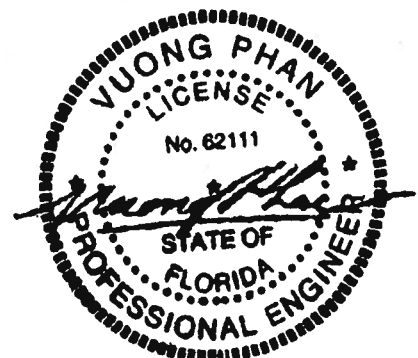
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 1727 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

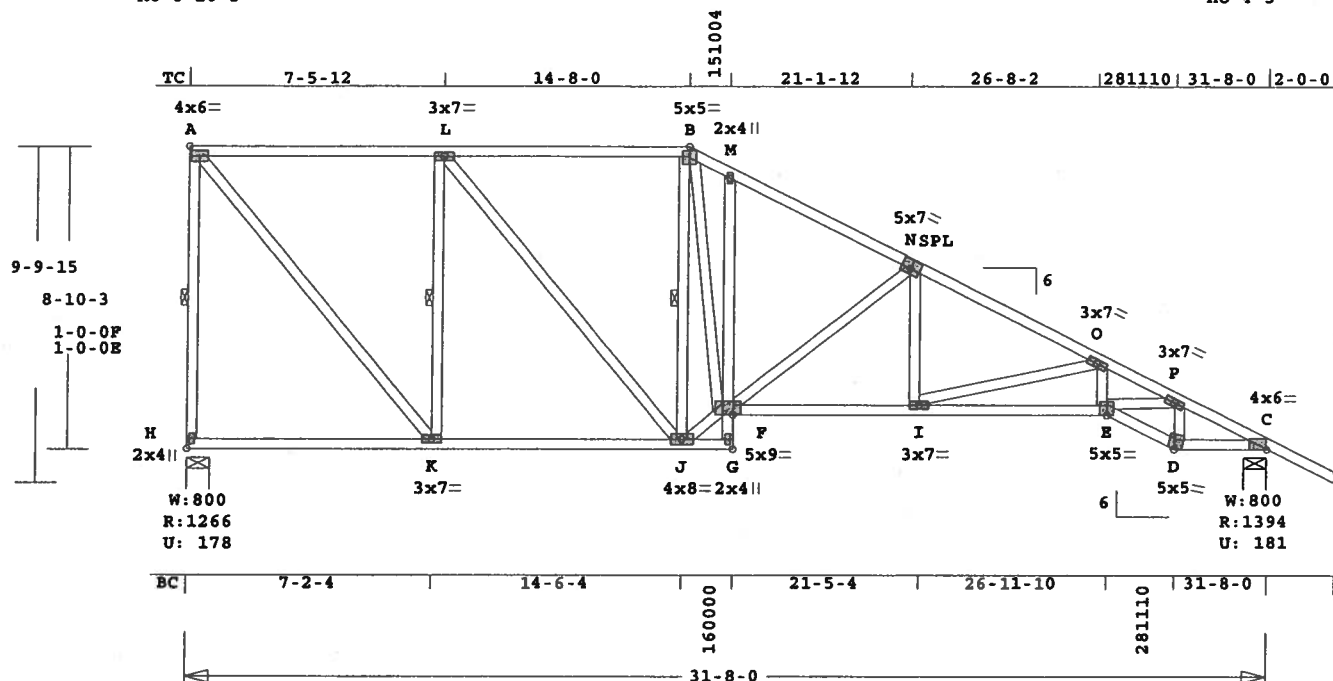


Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A12	1	SP	310800	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116

HO 8-10-3

HO 4-3



Scale: 0.177" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	---Lumber---
TC	0.65	2x 4 SP-#2
BC	0.76	2x 4 SP-#2
CW	0.11	2x 4 SP-#2
WB	0.58	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0
WB 1 rows CLB on H -A		
WB 1 rows CLB on K -L		
WB 1 rows CLB on J -B		

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

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

Spacing 24:0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	178	8- 0	1- 8
			Hx =	-304
C	1395	182	8- 0	1-10
			Hx =	143

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -L	0.65		866 C	0.00	0.65
L -B	0.65		1163 C	0.00	0.65
B -M	0.24		1552 C	0.01	0.23
M -N	0.36		1603 C	0.01	0.35
N -O	0.38		2336 C	0.03	0.35
O -P	0.20		3986 C	0.11	0.09
P -C	0.17		2363 C	0.04	0.13
-----Bottom Chords-----					
H -K	0.34		239 T	0.00	0.34
K -J	0.43		866 T	0.09	0.34
J -G	0.22		56 T	0.00	0.22
F -I	0.46		2102 T	0.35	0.11

I -E	0.73	3503 T	0.58	0.15
E -D	0.76	2267 T	0.38	0.38
D -C	0.45	2088 T	0.35	0.10

-----Chord-Webs-----
G -F 0.11 78 C 0.00 0.11
F -M 0.11 95 C 0.00 0.11

-----Webs-----
H -A 0.30 1205 C WindLd 1 Br
A -K 0.29 1346 T
K -L 0.21 871 C 1 Br
L -J 0.10 462 T
J -B 0.26 1047 C 1 Br
J -F 0.25 1406 T
B -F 0.27 1476 T

F -N	0.49	859 C
I -N	0.08	509 T
I -O	0.58	1449 C
E -O	0.16	878 T
E -P	0.27	1492 T
D -P	0.08	886 C

TL Defl	-0.33" in F -I	L/999
LL Defl	-0.16" in F -I	L/999
Hx Disp	LL	DL
Jt C	0.08" 0.08"	0.17"
Shear //	Grain in A -L	0.34

Plates for each ply each face.
PLATING CONFORMS TO TPI.

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

Plate	- LOCK 20 Ga, Gross Area			
Plate - RHS	20 Ga, Gross Area			
Jt Type	Plt Size	X	Y	JSI
A LOCK	4.0x 6.0	Ctr	Ctr	0.67
L LOCK	3.0x 7.0	Ctr	Ctr	0.46
B LOCK	5.0x 5.0	Ctr	0.2	0.94
M LOCK	2.0x 4.0	Ctr	Ctr	0.24
N LOCK	5.0x 7.0	0.2	0.5	0.69
O LOCK	3.0x 7.0	Ctr	Ctr	0.46
P LOCK	3.0x 7.0	Ctr	Ctr	0.45
C LOCK	4.0x 6.0	Ctr	0.1	0.65
H LOCK	2.0x 4.0	Ctr	Ctr	0.45
K LOCK	3.0x 7.0	Ctr	Ctr	0.60
J LOCK	4.0x 8.0	Ctr	Ctr	0.58
G LOCK	2.0x 4.0	Ctr	Ctr	0.58
F LOCK	5.0x 9.0	Ctr	0.7	0.60
I LOCK	3.0x 7.0	Ctr	Ctr	0.84
E LOCK	5.0x 5.0	Ctr	1.0	0.66
D LOCK	5.0x 5.0	0.7	3.0	0.60

REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

NOTES:

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

FBC2004

OH Loading

Soffit psf 2.0

Provide connection to bearing
for 304 Lbs Horiz Reaction
Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

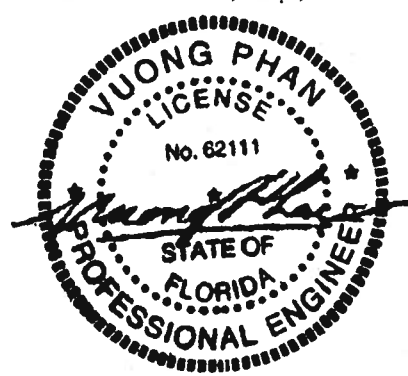
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 3986 Lbs

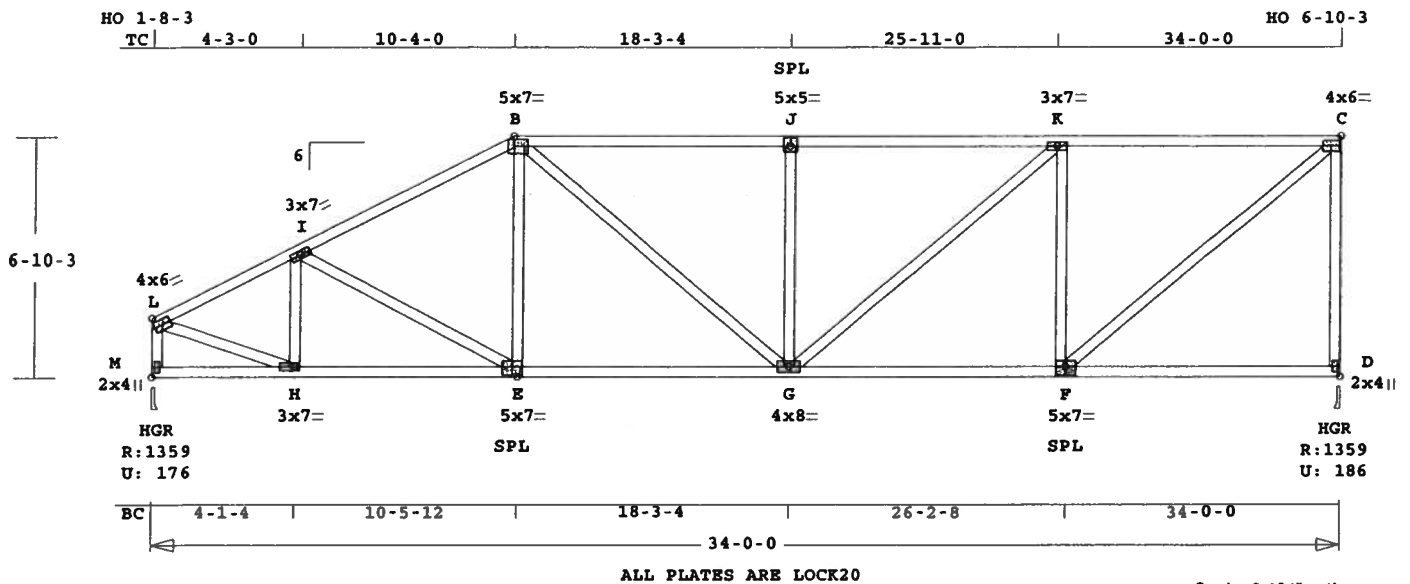
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A13	1	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 262.3 LBS

F -D 0.39 177 T 0.00 0.39 ADDITIONAL SPECIFICATIONS.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.67 2x 4 SP-#2
BC 0.52 2x 4 SP-#2
WB 0.69 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 34- 0- 0
BC Cont. 0- 0- 0 34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
M	1360	176	3- 8	1-10
			Hz =	-126
D	1360	186	3- 8	1-10
			Hz =	227

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
L -I	0.27	1579 C	0.01	0.26
I -B	0.31	1684 C	0.01	0.30
B -J	0.58	1784 C	0.01	0.57
J -K	0.67	1784 C	0.01	0.66
K -C	0.67	1306 C	0.01	0.66
-----Bottom Chords-----				
M -H	0.14	108 T	0.00	0.14
H -E	0.42	1427 T	0.14	0.28
E -G	0.45	1506 T	0.15	0.30
G -F	0.52	1306 T	0.13	0.39

-----Webs-----
M -L 0.12 1326 C WindLd
L -H 0.28 1520 T
H -I 0.06 417 C
I -E 0.02 92 T
E -B 0.03 257 T
B -G 0.09 362 T
G -J 0.25 481 C
J -K 0.11 625 T
K -F 0.49 924 C
F -C 0.31 1707 T
D -C 0.69 1294 C WindLd

TL Defl -0.24" in F -D L/999
LL Defl -0.11" in F -D L/999
Shear // Grain in K -C 0.36

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

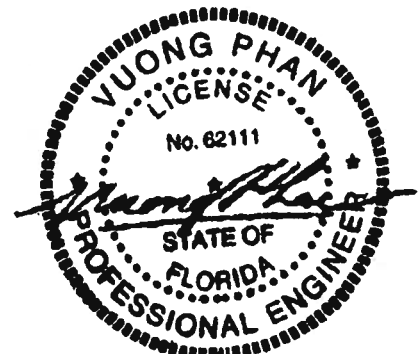
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
L LOCK 4.0x 6.0 0.1 Ctr 0.71
I LOCK 3.0x 7.0 Ctr Ctr 0.40
B LOCK 5.0x 7.0-0.5-0.1 0.92
J LOCK 5.0x 5.0 Ctr 0.5 0.73
K LOCK 3.0x 7.0 Ctr Ctr 0.43
C LOCK 4.0x 6.0 Ctr Ctr 0.71
M LOCK 2.0x 4.0 Ctr Ctr 0.47
H LOCK 3.0x 7.0 Ctr Ctr 0.50
E LOCK 5.0x 7.0 Ctr-0.5 0.73
G LOCK 4.0x 8.0 Ctr Ctr 0.42
F LOCK 5.0x 7.0 Ctr-0.5 0.73
D LOCK 2.0x 4.0 Ctr Ctr 0.47

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

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1784 Lbs
Quality Control Factor 1.25

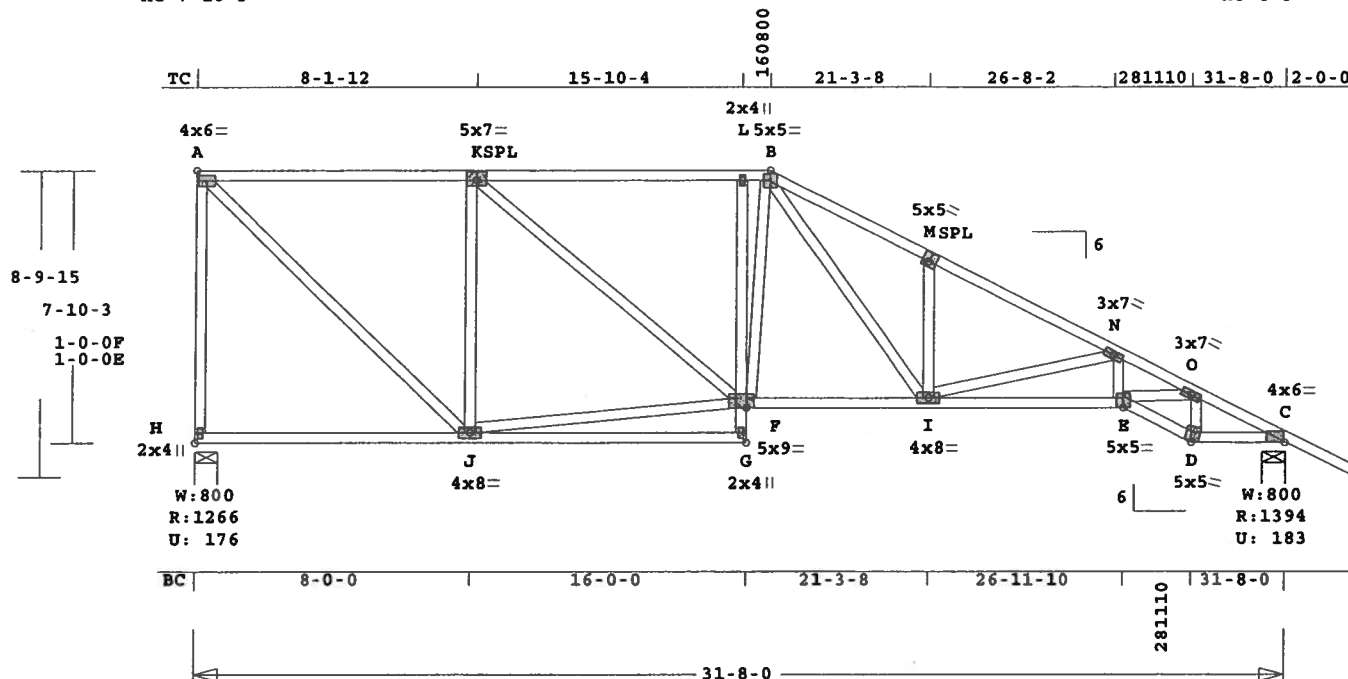
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-MARTINEZ MARTINEZ - 2116

HO 7-10-3

HO 4-3



ALL PLATES ARE LOCK20

Scale: 0.180" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 274.3 LBS

D -C 0.45 2085 T 0.35 0.10

-----Chord-Webs-----

G -F 0.04 118 T 0.01 0.03

F -L 0.18 510 C 0.08 0.10

-----Webs-----

H -A 0.86 1203 C WindLd

A -J 0.29 1458 T

J -K 0.67 947 C

J -F 0.19 1040 T

K -F 0.11 622 T

F -B 0.06 356 T

B -I 0.18 1008 T

I -M 0.07 331 C

I -N 0.59 1478 C

E -N 0.16 877 T

E -O 0.27 1508 T

D -O 0.08 884 C

TL Defl -0.33" in J -G L/999

LL Defl -0.15" in F -I L/999

HZ Disp LL DL TL

Jt C 0.07" 0.07" 0.14"

Shear // Grain in L -B 0.39

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 4.0x 6.0 Ctr Ctr 0.67

K LOCK 5.0x 7.0 Ctr 0.5 0.70

L LOCK 2.0x 4.0 Ctr Ctr 0.40

B LOCK 5.0x 5.0 Ctr-0.2 0.94

M LOCK 5.0x 5.0 0.2 0.5 0.69

N LOCK 3.0x 7.0 Ctr Ctr 0.47

O LOCK 3.0x 7.0 Ctr Ctr 0.46

C LOCK 4.0x 6.0 Ctr 0.1 0.65

H LOCK 2.0x 4.0 Ctr Ctr 0.45

J LOCK 4.0x 8.0 Ctr Ctr 0.62

G LOCK 2.0x 4.0 Ctr Ctr 0.58

F LOCK 5.0x 9.0 Ctr 0.8 0.60

I LOCK 4.0x 8.0 Ctr Ctr 0.63

E LOCK 5.0x 5.0 Ctr-1.0 0.66

D LOCK 5.0x 5.0 0.7 3.0 0.60

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

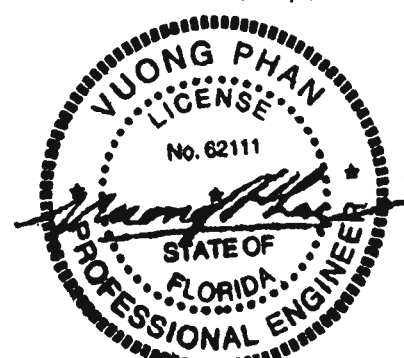
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 3997 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size-	-----Lumber----
TC 0.74 2x 4	SP-#2
BC 0.76 2x 4	SP-#2
CW 0.18 2x 4	SP-#2
WB 0.86 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	176	8- 0	1- 8
C	1395	184	8- 0	1-10
			Hz =	126

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-------	-----	---	-----	-----	---------

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

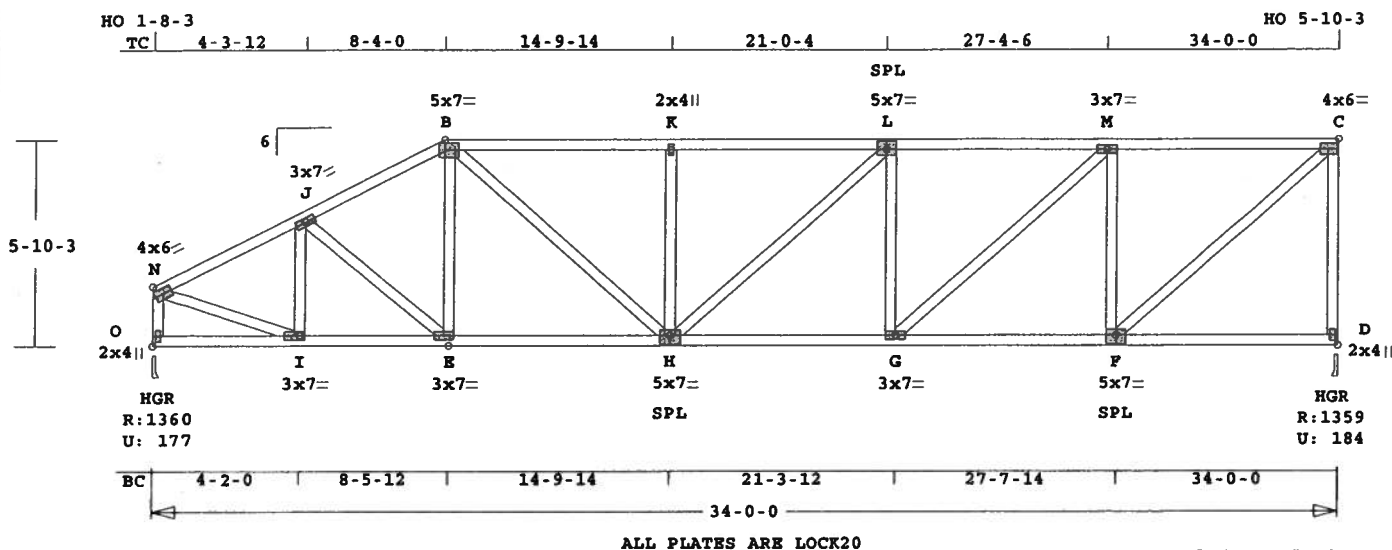
A -K	0.73	1050	C	0.00	0.73
K -L	0.74	1528	C	0.01	0.73
L -B	0.37	1533	C	0.01	0.36
B -M	0.30	2339	C	0.04	0.26
M -N	0.37	2326	C	0.07	0.30
N -O	0.21	3997	C	0.12	0.09
O -C	0.17	2361	C	0.04	0.13

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

H -J	0.47	210	T	0.00	0.47
J -G	0.47	21	C	0.00	0.47
F -I	0.34	1490	T	0.25	0.09
I -E	0.75	3517	T	0.59	0.16
E -D	0.76	2263	T	0.38	0.38

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A15	1	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 266.4 LBS

Tampa, FL 33682

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.46 2x 4 SP-#2
BC 0.44 2x 4 SP-#2
WB 0.50 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
O	1360	178	3- 8	1-10
			Hx =	-110
D	1360	185	3- 8	1-10
			Hx =	191

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

N -J	0.18	1565	C	0.02	0.16
J -B	0.19	1718	C	0.01	0.18
B -K	0.42	2061	C	0.02	0.40
K -L	0.42	2061	C	0.02	0.40
L -M	0.46	1960	C	0.02	0.44
M -C	0.45	1307	C	0.01	0.44

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

O -I	0.09	92	T	0.00	0.09
I -E	0.32	1407	T	0.23	0.09
E -H	0.37	1539	T	0.25	0.12
H -G	0.44	1960	T	0.32	0.12

G -F	0.38	1307	T	0.13	0.25
F -D	0.25	148	T	0.00	0.25

-----Webs-----

O -N	0.12	1321	C	WindLd
N -I	0.27	1496	T	
I -J	0.07	426	C	
J -E	0.03	169	T	
E -B	0.02	132	T	
B -H	0.12	689	T	
H -K	0.15	407	C	
H -L	0.02	134	T	
G -L	0.17	450	C	
G -M	0.16	867	T	
F -M	0.38	1002	C	
F -C	0.32	1738	T	
D -C	0.50	1305	C	WindLd

TL Defl -0.21" in H -G L/999
LL Defl -0.10" in H -G L/999
Shear // Grain in M -C 0.29

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt	Size	X	Y	JSI
N	LOCK	4.0x	6.0	0.1	Ctr	0.71
J	LOCK	3.0x	7.0	Ctr	Ctr	0.41
B	LOCK	5.0x	7.0	0.5-0.1	0.92	
K	LOCK	2.0x	4.0	Ctr	Ctr	0.44
L	LOCK	5.0x	7.0	Ctr	0.5	0.73
M	LOCK	3.0x	7.0	Ctr	Ctr	0.44
C	LOCK	4.0x	6.0	Ctr	Ctr	0.71
O	LOCK	2.0x	4.0	Ctr	Ctr	0.47
I	LOCK	3.0x	7.0	Ctr	Ctr	0.50
E	LOCK	3.0x	7.0	Ctr	Ctr	0.43
H	LOCK	5.0x	7.0	Ctr	0.5	0.73
G	LOCK	3.0x	7.0	Ctr	Ctr	0.44
F	LOCK	5.0x	7.0	Ctr	0.5	0.73
D	LOCK	2.0x	4.0	Ctr	Ctr	0.47

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

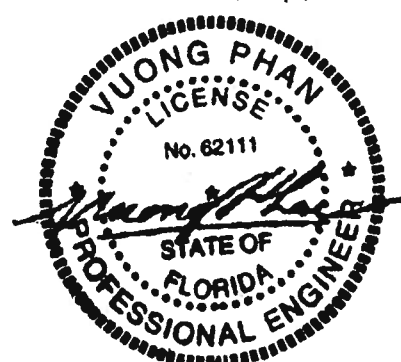
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

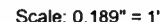
Max comp. force 2061 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 265.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	----Lumber----
TC	0.75	2x 4	SP-#2
BC	0.75	2x 4	SP-#2
CW	0.18	2x 4	SP-#2
WB	0.64	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0
BC Cont.	0- 0- 0	31- 8- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	174	8- 0	1- 8
			H ₂ =	-231
C	1395	186	8- 0	1-10
			H ₂ =	109

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -L	0.74	1204 C	0.01 0.73
L -M	0.75	1792 C	0.02 0.73
M -B	0.38	1797 C	0.02 0.36
B -N	0.17	1935 C	0.02 0.15
N -O	0.21	2609 C	0.05 0.16
O -P	0.23	3964 C	0.11 0.12
P -C	0.17	2366 C	0.04 0.13
-----Bottom Chords-----			
H -K	0.47	182 T	0.00 0.47
K -G	0.47	85 T	0.00 0.47
F -J	0.38	1721 T	0.28 0.10
J -I	0.46	2345 T	0.39 0.07
I -E	0.75	3472 T	0.58 0.17

E	-D	0.73	2275	T	0.38	0.35
D	-C	0.46	2093	T	0.35	0.11
-----Chord-Webs-----						
G	-F	0.18	120	T	0.01	0.17
F	-M	0.09	378	C	0.02	0.07
-----Webs-----						
H	-A	0.64	1204	C	WindLd	
A	-K	0.29	1574	T		
K	-L	0.51	960	C		
K	-F	0.20	1127	T		
L	-F	0.13	718	T		
F	-B	0.04	175	T		
J	-B	0.10	568	T		
J	-N	0.29	761	C		
I	-N	0.08	486	T		
I	-O	0.24	1209	C		
E	-O	0.16	890	T		
E	-P	0.26	1456	T		
D	-P	0.08	898	C		

TL Defl	-0.34"	in K -G	L/999
LL Defl	-0.15"	in J -I	L/999
Hz Disp	LL	DL	TL
Jt C	0.07"	0.07"	0.14"
Shear //	Grain	in A -L	0.37

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate -	LOCK	20 Ga,	Gross	Area		
Plate -	RHS	20 Ga,	Gross	Area		
Jt	Type	Plt Size	X	Y	JSI	
A	LOCK	4.0x	6.0	Ctr	Ctr	0.67
L	LOCK	5.0x	7.0	Ctr	0.5	0.70
M	LOCK	2.0x	4.0	Ctr	Ctr	0.40
B	LOCK	5.0x	7.0	0.5-0.1		0.89
N	LOCK	5.0x	7.0	0.2	0.5	0.69
O	LOCK	3.0x	7.0	Ctr	Ctr	0.44
P	LOCK	3.0x	7.0	Ctr	Ctr	0.44
C	LOCK	4.0x	6.0	Ctr	0.1	0.65
H	LOCK	2.0x	4.0	Ctr	Ctr	0.45
K	LOCK	4.0x	8.0	Ctr	Ctr	0.65
G	LOCK	2.0x	4.0	Ctr	Ctr	0.58
F	LOCK	5.0x	9.0	Ctr	0.8	0.67
J	LOCK	3.0x	7.0	Ctr	Ctr	0.42
I	LOCK	3.0x	7.0	Ctr	Ctr	0.48
E	LOCK	5.0x	5.0	Ctr-1.0		0.66
D	LOCK	5.0x	5.0	0.73	0.0	0.60

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

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

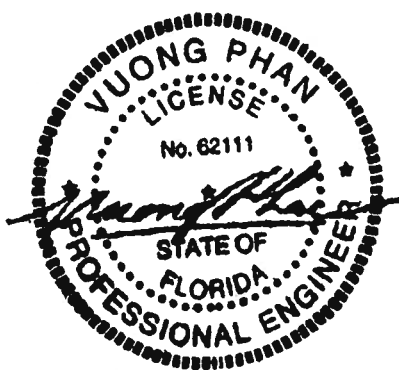
NOTES:

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

OH Loading

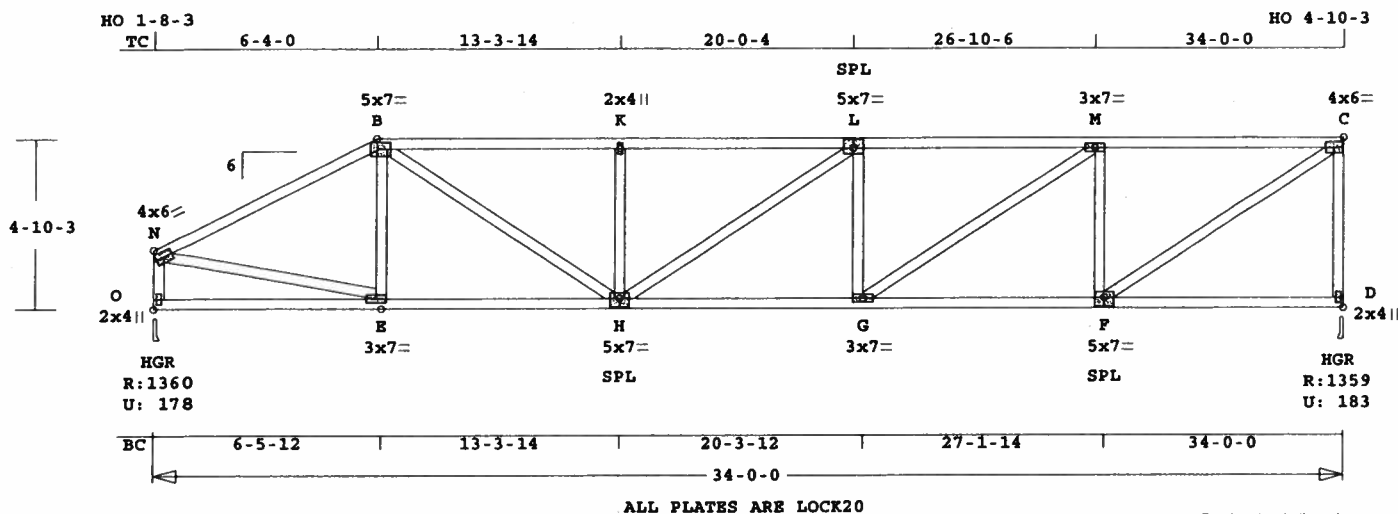
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15'-0"
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3964 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A17	1	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 243.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC	0.55	2x 4	SP-#2
BC	0.53	2x 4	SP-#2
WB	0.37	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 0- 0
BC Cont.	0- 0- 0	34- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
O	1360	179	3- 8	1-10
			Hz =	-93
D	1360	184	3- 8	1-10
			Hz =	155

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
N -B	0.51	1735 C	0.04	0.47
B -K	0.45	2439 C	0.04	0.41
K -L	0.45	2439 C	0.04	0.41
L -M	0.55	2464 C	0.04	0.51
M -C	0.52	1695 C	0.01	0.51
-----Bottom Chords-----				
O -E	0.27	75 T	0.00	0.27
E -H	0.43	1565 T	0.16	0.27
H -G	0.53	2464 T	0.41	0.12
G -F	0.46	1695 T	0.17	0.29
F -D	0.29	120 T	0.00	0.29
-----Webs-----				

O -N	0.12	1306 C	WindLd
N -E	0.29	1600 T	
E -B	0.05	208 C	
B -H	0.19	1042 T	
H -K	0.11	418 C	
K -L	0.02	43 T	
L -G	0.10	378 C	
G -M	0.17	924 T	
M -F	0.25	975 C	
F -C	0.37	2037 T	
D -C	0.34	1301 C	WindLd

TL Defl -0.29" in H -G L/999
LL Defl -0.13" in H -G L/999
Shear // Grain in M -C 0.32

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
N LOCK 4.0x 6.0 0.1 Ctr 0.71
B LOCK 5.0x 7.0-0.5-0.1 0.92
K LOCK 2.0x 4.0 Ctr Ctr 0.44
L LOCK 5.0x 7.0 Ctr 0.5 0.73
M LOCK 3.0x 7.0 Ctr Ctr 0.42
C LOCK 4.0x 6.0 Ctr Ctr 0.71
O LOCK 2.0x 4.0 Ctr Ctr 0.47
E LOCK 3.0x 7.0 Ctr Ctr 0.85
H LOCK 5.0x 7.0 Ctr-0.5 0.73
G LOCK 3.0x 7.0 Ctr Ctr 0.42
F LOCK 5.0x 7.0 Ctr-0.5 0.73
D LOCK 2.0x 4.0 Ctr Ctr 0.47

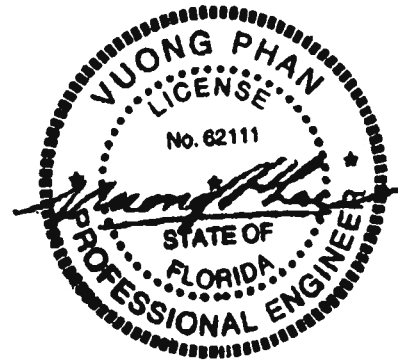
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:

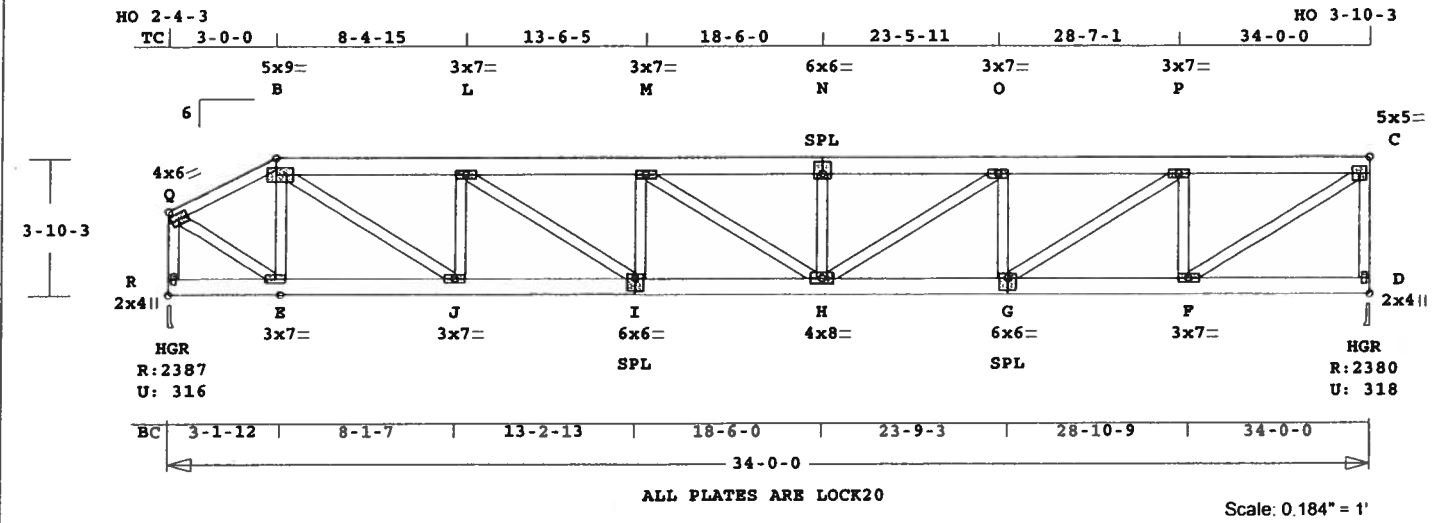
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2464 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A19	1*2P	HHIP	340000	6	0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 302.8 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 19-JUL-06

 * 2-Ply Truss *

CSI -Size- ----Lumber----
 TC 0.13 2x 6 SP-#2
 EX Q -B 2x 4 SP-#2
 BC 0.42 2x 6 SP-#2
 WB 0.34 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 34- 0- 0
 BC Cont. 0- 0- 0 34- 0- 0

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

Load Case # 1 Standard Loading
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 plf - Live Dead From To
 TC V 40 20 0.0' 34.0'
 BC V 0 20 0.0' 34.0'
 TC V 30 15 3.0' 34.0'
 BC V 0 15 3.0' 34.0'
 BC V 30 30 0.0' 3.1'

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt React Upfltr Size Req'd
 Lbs Lbs In-Sx In-Sx
 R 2388 317 3- 8 1- 8
 Hz = -82
 D 2381 318 3- 8 1- 8
 Hz = 109

Membr CSI P Lbs Axl-CSt-Bnd
 -----Top Chords-----
 Q -B 0.09 2088 C 0.01 0.08
 B -L 0.11 4319 C 0.01 0.10
 L -M 0.13 5649 C 0.03 0.10
 M -N 0.12 5860 C 0.03 0.09
 N -O 0.13 5860 C 0.03 0.10
 O -P 0.13 5007 C 0.02 0.11
 P -C 0.12 3098 C 0.00 0.12
 -----Bottom Chords-----

R -E 0.06 56 T 0.00 0.06
 E -J 0.18 1895 T 0.12 0.06
 J -I 0.34 4319 T 0.28 0.06
 I -H 0.42 5649 T 0.37 0.05
 H -G 0.38 5007 T 0.33 0.05
 G -F 0.24 3098 T 0.20 0.04
 F -D 0.05 83 T 0.00 0.05

-----Webs-----
 R -Q 0.10 2296 C WindLd
 Q -E 0.20 2248 T
 E -B 0.04 979 C
 B -J 0.26 2860 T
 J -L 0.06 1374 C
 L -I 0.14 1595 T
 I -M 0.03 692 C
 M -H 0.02 253 T
 H -N 0.02 532 C
 N -O 0.09 1023 T
 O -G 0.05 1089 C
 G -P 0.21 2290 T
 P -F 0.09 1860 C
 F -C 0.34 3716 T
 D -C 0.11 2293 C WindLd

TL Defl -0.26" in I -H L/999
 LL Defl -0.13" in I -H L/999
 Shear // Grain in P -C 0.12

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 Q LOCK 4.0x 6.0 0.1 Ctr 0.71
 B LOCK 5.0x 9.0-0.5 Ctr 0.99
 L LOCK 3.0x 7.0 Ctr Ctr 0.41
 M LOCK 3.0x 7.0 Ctr Ctr 0.41
 N LOCK 6.0x 6.0 Ctr 1.2 0.58
 O LOCK 3.0x 7.0 Ctr Ctr 0.41
 P LOCK 3.0x 7.0 Ctr Ctr 0.41
 C LOCK 5.0x 5.0 Ctr Ctr 0.73
 R LOCK 2.0x 4.0 Ctr Ctr 0.78
 E LOCK 3.0x 7.0 Ctr Ctr 0.42
 J LOCK 3.0x 7.0 Ctr Ctr 0.49
 I LOCK 6.0x 6.0 Ctr-1.2 0.58
 H LOCK 4.0x 8.0 Ctr Ctr 0.44
 G LOCK 6.0x 6.0 Ctr-1.2 0.58
 F LOCK 3.0x 7.0 Ctr Ctr 0.63
 D LOCK 2.0x 4.0 Ctr Ctr 0.78

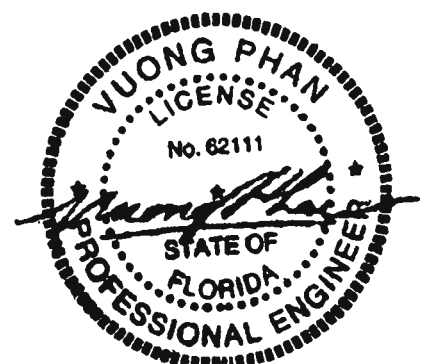
REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

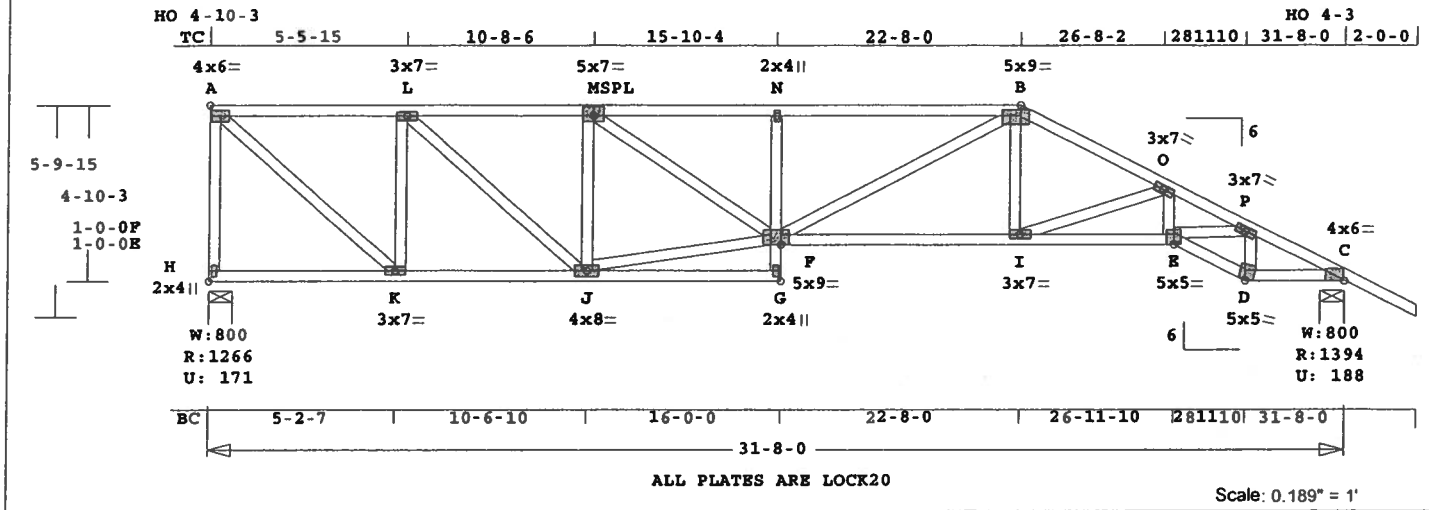
NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered
 pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 -----Spacing (In)-----
 Rows Nails Screws Bolts
 TC 1 12 24 0
 BC 2 12 24 0
 WB 1 8 8

Design checked for 10 psf non-
 concurrent LL on BC.
 Prevent truss rotation at all
 bearing locations.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 5860 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
 License # 62111
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	A20	1	SP	310800	6	0	2- 0- 0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 240.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	---	Lumber	---
TC	0.55	2x 4	SP-#2		
BC	0.74	2x 4	SP-#2		
CW	0.18	2x 4	SP-#2		
WB	0.35	2x 4	SP-#2		

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	31- 8- 0	0
BC Cont.	0- 0- 0	31- 8- 0	0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
H	1267	172	8- 0	1- 8
			Hz =	-159
C	1395	188	8- 0	1-10
			Hz =	75

Membr CSI P Lbs Axl-CSI-Bnd

	Top	Chords			
A -L	0.31	1241	C	0.01	0.30
L -M	0.32	1948	C	0.02	0.30
M -N	0.42	2810	C	0.05	0.37
N -B	0.55	2833	C	0.11	0.44
B -O	0.34	2548	C	0.04	0.30
O -P	0.26	3940	C	0.11	0.15
P -C	0.17	2371	C	0.04	0.13

	Bottom	Chords			
H -K	0.16	125	T	0.00	0.16
K -J	0.29	1241	T	0.13	0.16
J -G	0.16	51	T	0.00	0.16
F -I	0.52	2285	T	0.38	0.14
I -E	0.72	3445	T	0.57	0.15

	E -D	0.74	2280	T	0.38	0.36
	D -C	0.46	2098	T	0.35	0.11
	G -F	0.10	86	T	0.00	0.10
	F -N	0.18	395	C	0.00	0.18
	H -A	0.32	1220	C	WindLd	
	A -K	0.30	1650	T		
	K -L	0.25	974	C		
	L -J	0.17	939	T		
	J -M	0.22	862	C		
	J -F	0.35	1929	T		
	M -F	0.19	1038	T		
	F -B	0.11	616	T		
	I -B	0.09	513	T		
	I -O	0.31	1208	C		
	E -O	0.16	881	T		
	E -P	0.26	1423	T		
	D -P	0.08	898	C		

	TL Defl	-0.42"	in F -I	L/856
	LL Defl	-0.20" <td>in F -I</td> <td>L/999</td>	in F -I	L/999
	Hz Disp	LL	DL	TL
	Jt C	0.08"	0.08"	0.16"
	Shear //	Grain	in N -B	0.28

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

	Plate	- LOCK	20 Ga,	Gross Area
	Plate	- RHS	20 Ga,	Gross Area
Jt Type	Plt Size	X	Y	JSI
A LOCK	4.0x 6.0	Ctr	Ctr	0.67
L LOCK	3.0x 7.0	Ctr	Ctr	0.43
M LOCK	5.0x 7.0	Ctr	0.5	0.70
N LOCK	2.0x 4.0	Ctr	Ctr	0.40
B LOCK	5.0x 9.0	Ctr	0.4	1.00
O LOCK	3.0x 7.0	Ctr	Ctr	0.42
P LOCK	3.0x 7.0	Ctr	Ctr	0.43
C LOCK	4.0x 6.0	Ctr	0.1	0.65
H LOCK	2.0x 4.0	Ctr	Ctr	0.45
K LOCK	3.0x 7.0	Ctr	Ctr	0.62
J LOCK	4.0x 8.0	Ctr	Ctr	0.76
G LOCK	2.0x 4.0	Ctr	Ctr	0.58
F LOCK	5.0x 9.0	Ctr	0.8	0.61
I LOCK	3.0x 7.0	Ctr	Ctr	0.50
E LOCK	5.0x 5.0	Ctr	-1.0	0.66
D LOCK	5.0x 5.0	0.7	3.0	0.60

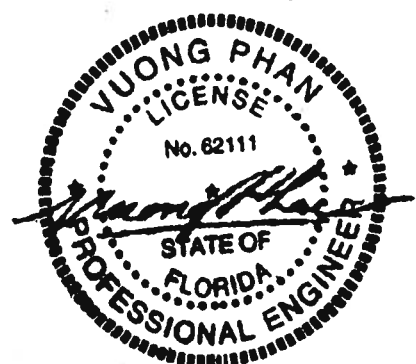
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

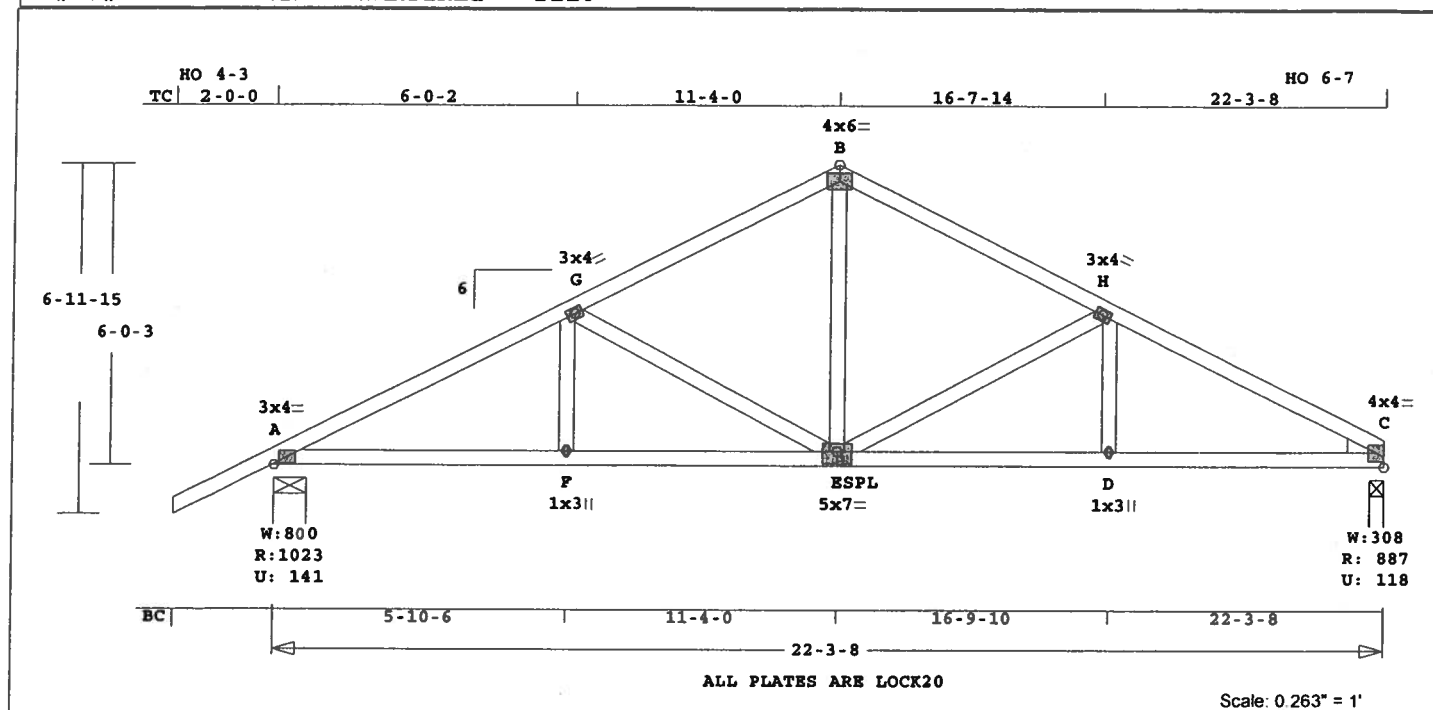
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3940 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	B1	6	TR	220308	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.29	2x 4 SP-#2
BC	0.37	2x 4 SP-#2
WB	0.23	2x 4 SP-#2
PB	---	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 3- 8
BC Cont.	0- 0- 0	22- 3- 8

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1024	142	8- 0	1- 8
			Hz =	-105
C	888	118	3- 8	1- 8
			Hz =	106

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -G	0.29		1477 C	0.01	0.28	
G -B	0.28		994 C	0.00	0.28	
B -H	0.22		992 C	0.00	0.22	
H -C	0.27		1420 C	0.01	0.26	
-----Bottom Chords-----						
A -F	0.32		1327 T	0.22	0.10	
F -E	0.32		1327 T	0.22	0.10	
E -D	0.31		1265 T	0.21	0.10	

D -C	0.37	1265 T	0.21	0.16
-----Webs-----				
F -G	0.03	223 T		
G -E	0.23	503 C		
E -B	0.10	567 T		
E -H	0.20	433 C		
D -H	0.03	197 T		

TL Defl -0.11" in E -D L/999
LL Defl -0.05" in E -D L/999
Shear // Grain in A -G 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 4.0 Ctr Ctr 0.80

G LOCK 3.0x 4.0 Ctr Ctr 0.60

B LOCK 4.0x 6.0 Ctr Ctr 0.57

H LOCK 3.0x 4.0 Ctr Ctr 0.60

C LOCK 4.0x 4.0-1.0 0.3 0.83

F LOCK 1.0x 3.0 Ctr Ctr 0.81

E LOCK 5.0x 7.0 Ctr-0.5 0.60

D LOCK 1.0x 3.0 Ctr Ctr 0.81

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

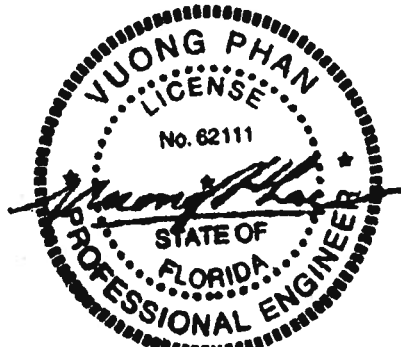
Max comp. force 1477 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

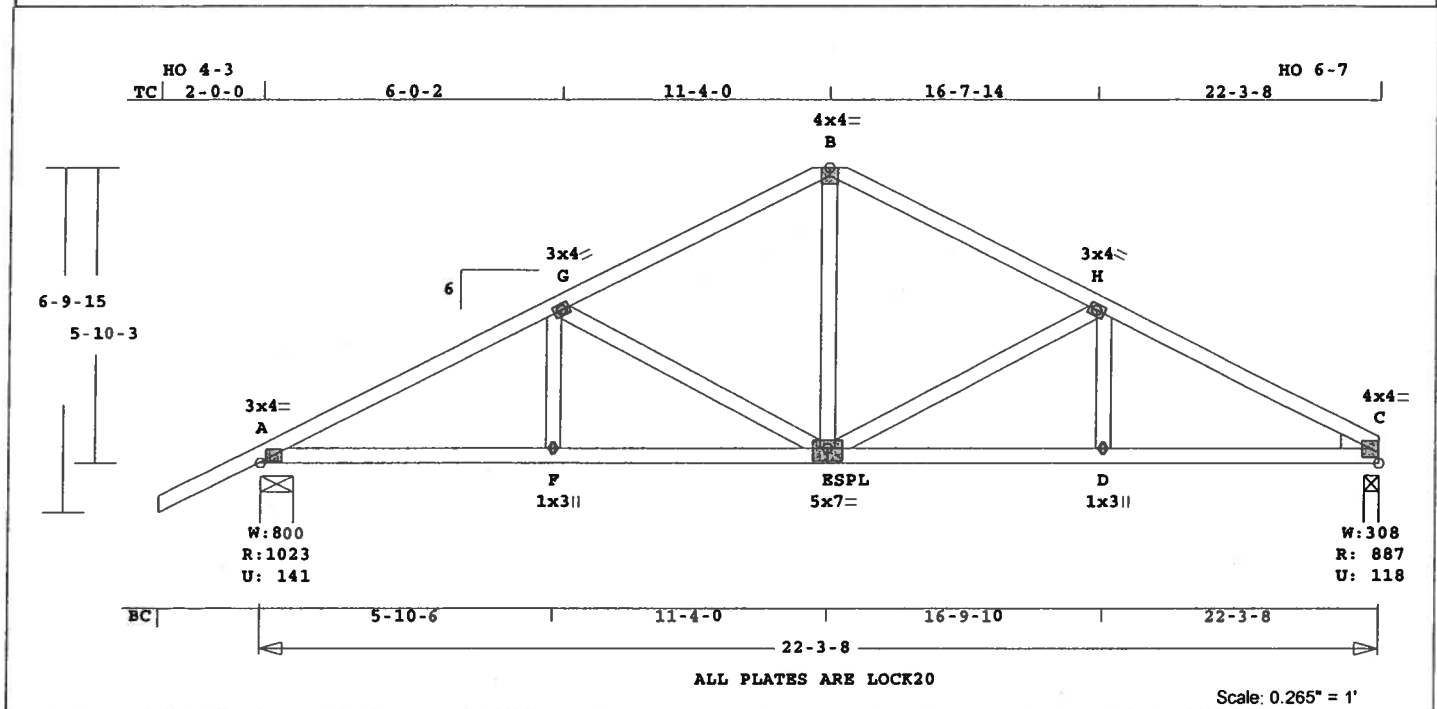
License #: 62111

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



Job WHITT-MARTINEZ	Mark B2	Quan 1	Type TR	Span 220308	Pl-H1 6	Left OH 2- 0- 0	Right OH 0	Engineering T06071750
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U# J#WHITT-MARTINEZ MARTINEZ - 2116



ALL PLATES ARE LOCK20

Scale: 0.265" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 137.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	---	Lumber	---
TC	0.29	2x 4	SP-#2	
BC	0.37	2x 4	SP-#2	
WB	0.23	2x 4	SP-#2	
PB	---	2x 4	SP-#2	

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 22- 3- 8
BC Cont. 0- 0- 0 22- 3- 8

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1024	142	8- 0	1- 8
			Hx =	-105
C	888	118	3- 8	1- 8
			Hx =	106

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -G	0.29	1477	C	0.01	0.28	
G -B	0.28	994	C	0.00	0.28	
B -H	0.22	992	C	0.00	0.22	
H -C	0.27	1420	C	0.01	0.26	
-----Bottom Chords-----						
A -F	0.32	1327	T	0.22	0.10	
F -E	0.32	1327	T	0.22	0.10	
E -D	0.31	1265	T	0.21	0.10	

D -C	0.37	1265	T	0.21	0.16
-----Webs-----					
F -G	0.03	223	T		
G -E	0.23	503	C		
E -B	0.10	567	T		
E -H	0.20	433	C		
D -H	0.03	197	T		

TL Defl -0.11" in E -D L/999
LL Defl -0.05" in E -D L/999
Shear // Grain in A -G 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.80
G LOCK 3.0x 4.0 Ctr Ctr 0.60
B LOCK 4.0x 4.0 Ctr-0.1 0.69
H LOCK 3.0x 4.0 Ctr Ctr 0.60
C LOCK 4.0x 4.0-1.0 0.3 0.83
F LOCK 1.0x 3.0 Ctr Ctr 0.81
E LOCK 5.0x 7.0 Ctr-0.5 0.60
D LOCK 1.0x 3.0 Ctr Ctr 0.81

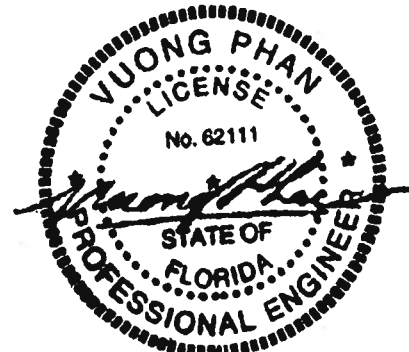
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

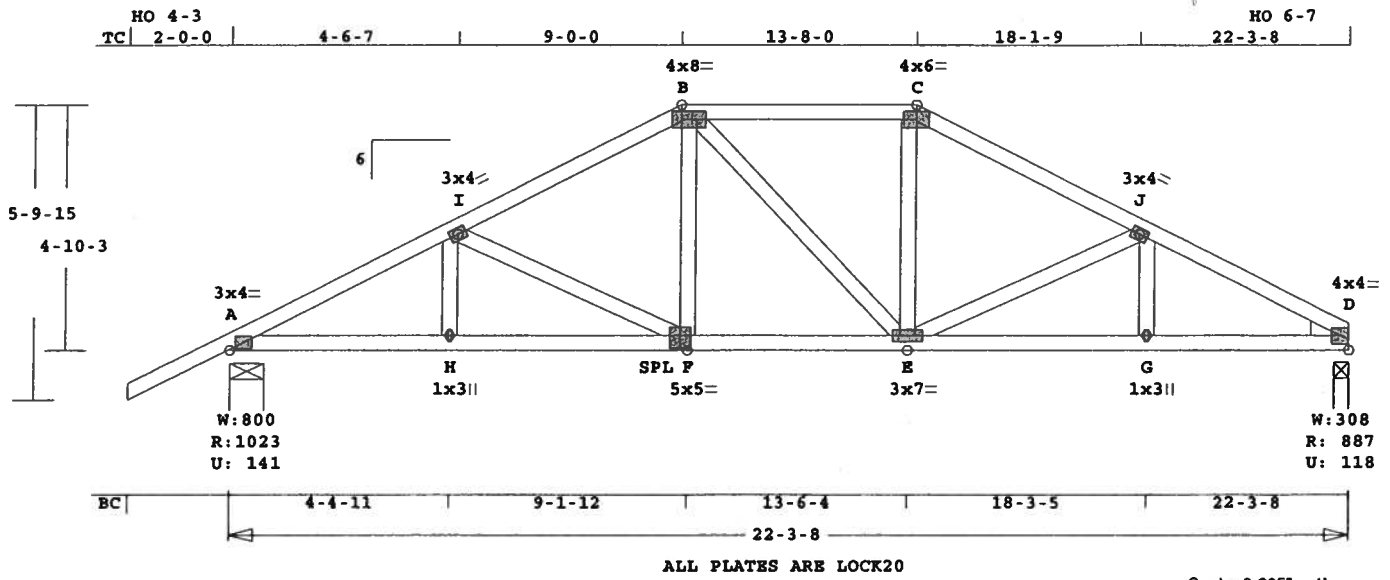
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1477 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	B3	1	HIPP	220308	6	2- 0- 0	0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 147.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	----	Lumber----
TC	0.25	2x 4	SP-#2	
BC	0.42	2x 4	SP-#2	
WB	0.12	2x 4	SP-#2	
PB	---	2x 4	SP-#2	

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 22- 3- 8
BC Cont. 0- 0- 0 22- 3- 8

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1024	142	8- 0	1- 8
			Hz =	-83
D	888	118	3- 8	1- 8
			Hz =	84

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -I	0.13	1554 C	0.01	0.12
I -B	0.15	1178 C	0.00	0.15
B -C	0.17	1047 C	0.00	0.17
C -J	0.18	1167 C	0.01	0.17
J -D	0.25	1464 C	0.01	0.24
-----Bottom Chords-----				
A -H	0.27	1390 T	0.23	0.04
H -F	0.30	1390 T	0.23	0.07
F -E	0.25	1050 T	0.17	0.08

	E -G	0.30	1297 T	0.21	0.09
G -D	0.42	1297 T	0.21	0.21	
-----Webs-----					
H -I	0.02	170 T			
I -F	0.12	369 C			
F -B	0.04	298 T			
B -E	0.03	63 C			
E -C	0.04	282 T			
E -J	0.09	276 C			
G -J	0.02	134 T			

TL Defl -0.11" in E -G L/999
LL Defl -0.05" in E -G L/999
Shear // Grain in J -D 0.17

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga, Gross Area
Plate - RHS	20 Ga, Gross Area	
Jt Type	Plt Size	X Y JSI
A LOCK	3.0x 4.0	Ctr Ctr 0.80
I LOCK	3.0x 4.0	Ctr Ctr 0.60
B LOCK	4.0x 8.0	Ctr Ctr 0.90
C LOCK	4.0x 6.0	Ctr Ctr 0.90
J LOCK	3.0x 4.0	Ctr Ctr 0.60
D LOCK	4.0x 4.0-1.0	0.3 0.83
H LOCK	1.0x 3.0	Ctr Ctr 0.81
F LOCK	5.0x 5.0	Ctr-0.5 0.60
E LOCK	3.0x 7.0	Ctr Ctr 0.52
G LOCK	1.0x 3.0	Ctr Ctr 0.81

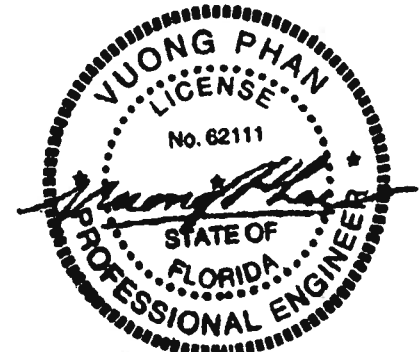
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

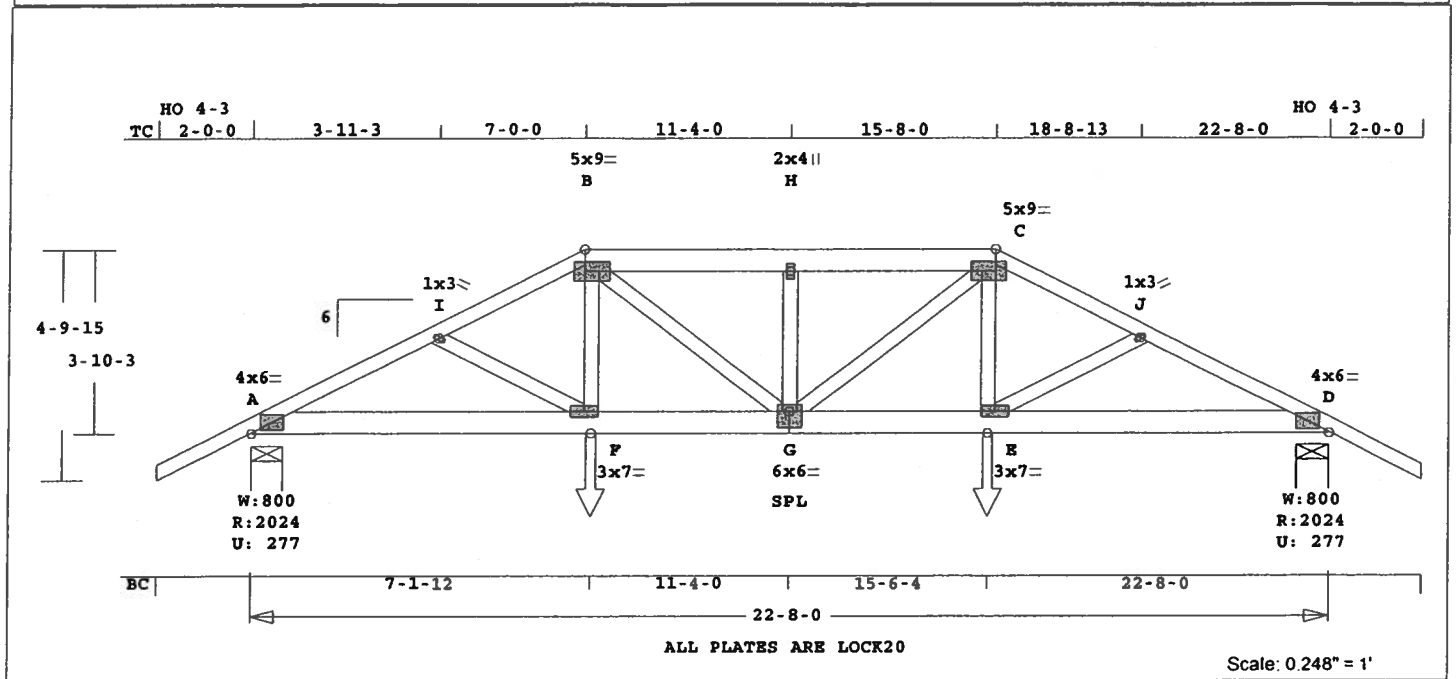
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1554 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	B4	1	HIPP	220800	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI	Size	Lumber
TC	0.54 2x 4	SP-#2
EX B	-C 2x 6	SP-#2
BC	0.60 2x 6	SP-#2
WB	0.15 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 8- 0
BC Cont.	0- 0- 0	22- 8- 0

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

Load Case # 1 Girder Loading

Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live	Dead	From	To	
TC V	40	20	0.0'	22.7'
BC V	0	20	0.0'	22.7'
TC V	50	25	7.0'	15.7'
BC V	0	25	7.1'	15.5'
BC V	280	280	7.1'	CL-LB
BC V	280	280	15.5'	CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	2024	277	8- 0	2- 6
			Hz =	-64
D	2024	277	8- 0	2- 6
			Hz =	65

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -I 0.31 3706 C 0.12 0.19

I	-B	0.54	3582	C	0.10 0.44
B	-H	0.36	3902	C	0.05 0.31
H	-C	0.36	3902	C	0.05 0.31
C	-J	0.54	3582	C	0.10 0.44
J	-D	0.31	3706	C	0.12 0.19

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

A	-F	0.60	3303	T	0.44 0.16
F	-G	0.53	3215	T	0.43 0.10
G	-E	0.53	3215	T	0.43 0.10
E	-D	0.60	3303	T	0.44 0.16

-----Webs-----

I	-F	0.01	78	T	
F	-B	0.13	713	T	
B	-G	0.15	865	T	
G	-H	0.11	785	C	
G	-C	0.15	865	T	
E	-C	0.13	713	T	
E	-J	0.01	78	T	

TL Defl -0.24" in G -E L/999
LL Defl -0.12" in G -E L/999
Shear // Grain in B -H 0.32

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.83
I LOCK 1.0x 3.0 Ctr Ctr 0.75
B LOCK 5.0x 9.0 Ctr Ctr 0.90
H LOCK 2.0x 4.0 Ctr Ctr 0.40
C LOCK 5.0x 9.0 Ctr Ctr 0.90
J LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 4.0x 6.0 Ctr Ctr 0.83
F LOCK 3.0x 7.0 Ctr Ctr 0.37
G LOCK 6.0x 6.0 Ctr-1.2 0.72
E LOCK 3.0x 7.0 Ctr Ctr 0.37

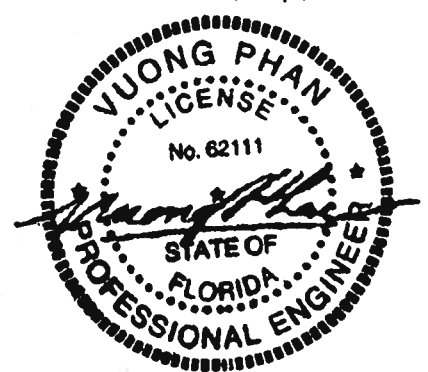
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

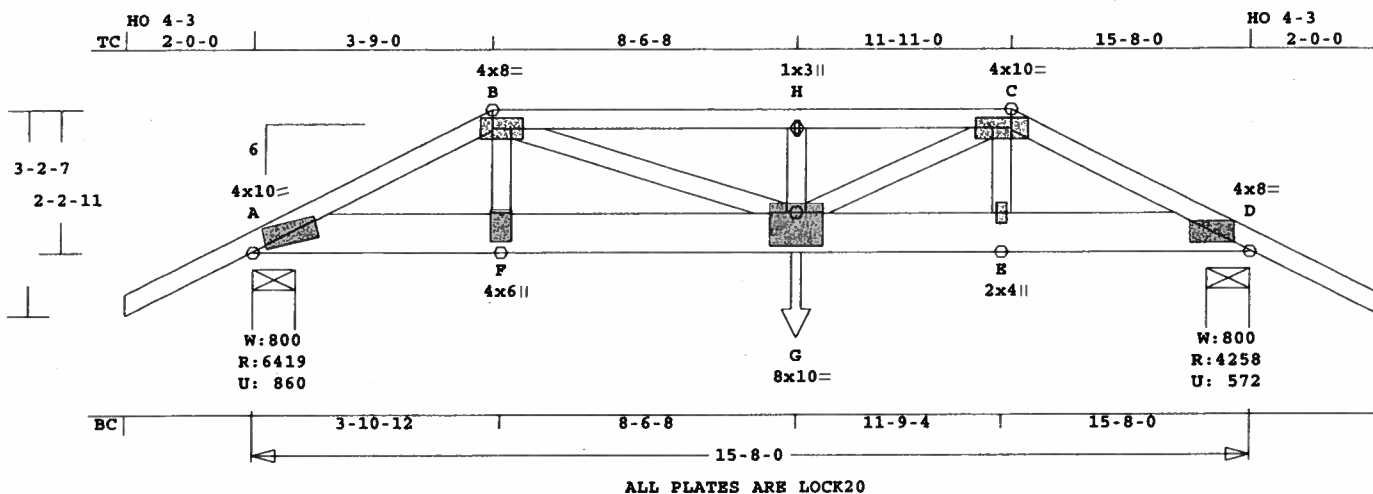
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 3902 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	C1	1*2P	HIPP	150800	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 121.7 LBS

Online Plus -- Version 19.0.032

RUN DATE: 19-JUL-06

* 2-Ply Truss *

CSI -Size- ---Lumber---

TC 0.92 2x 4 SP-#2

BC 0.64 2x 8 SP-SS

WB 0.63 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 15- 8- 0

BC Cont. 0- 0- 0 15- 8- 0

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.00 Fc=1.00 Ft=1.00

BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Standard Loading

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

plf - Live Dead From To

TC V 40 20 0.0' 15.7'

BC V 0 20 0.0' 15.7'

BC V 320 320 0.0' 7.7'

BC V 2131 2131 8.5' CL-LB

H -C	0.72	14188	C	0.42	0.30
C -D	0.32	8974	C	0.16	0.16
-----Bottom Chords-----					
A -F	0.42	10351	T	0.29	0.13
F -G	0.64	10094	T	0.28	0.36
G -E	0.44	8041	T	0.22	0.22
E -D	0.27	8069	T	0.22	0.05
-----Webs-----					
F -B	0.28	3143	T		
B -G	0.40	4347	T		
G -H	0.01	170	T		
G -C	0.63	6920	T		
E -C	0.03	419	T		

TL Defl -0.35" in F -G L/498

LL Defl -0.17" in F -G L/999

Shear // Grain in F -G 0.57

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 4.0x10.0 Ctr Ctr 0.82

B LOCK 4.0x 8.0 Ctr Ctr 0.94

H LOCK 1.0x 3.0 Ctr Ctr 0.75

C LOCK 4.0x10.0 Ctr-0.1 0.87

D LOCK 4.0x 8.0 Ctr-0.1 0.79

F LOCK 4.0x 6.0 Ctr-2.2 0.87

G LOCK 8.0x10.0 Ctr-2.1 0.97

E LOCK 2.0x 4.0 Ctr Ctr 0.38

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

-----Spacing (in)-----

Rows Nails Screws Bolts

TC 1 12 24 0

BC 2 11.5 21.5 0

WB 1 8 8

Plus clusters of nails where shown.

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

Prevent truss rotation at all

bearing locations.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 14188 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

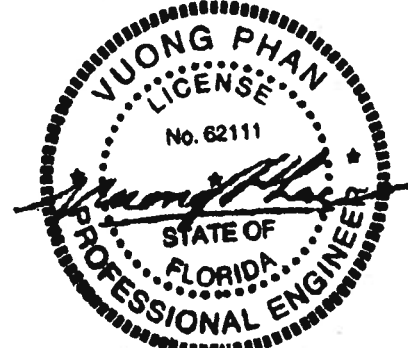
Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Confirms To:

FBC2004

2 COMPLETE TRUSSES REQUIRED.



Membr CSI P Lbs Axl-CSI-Bnd

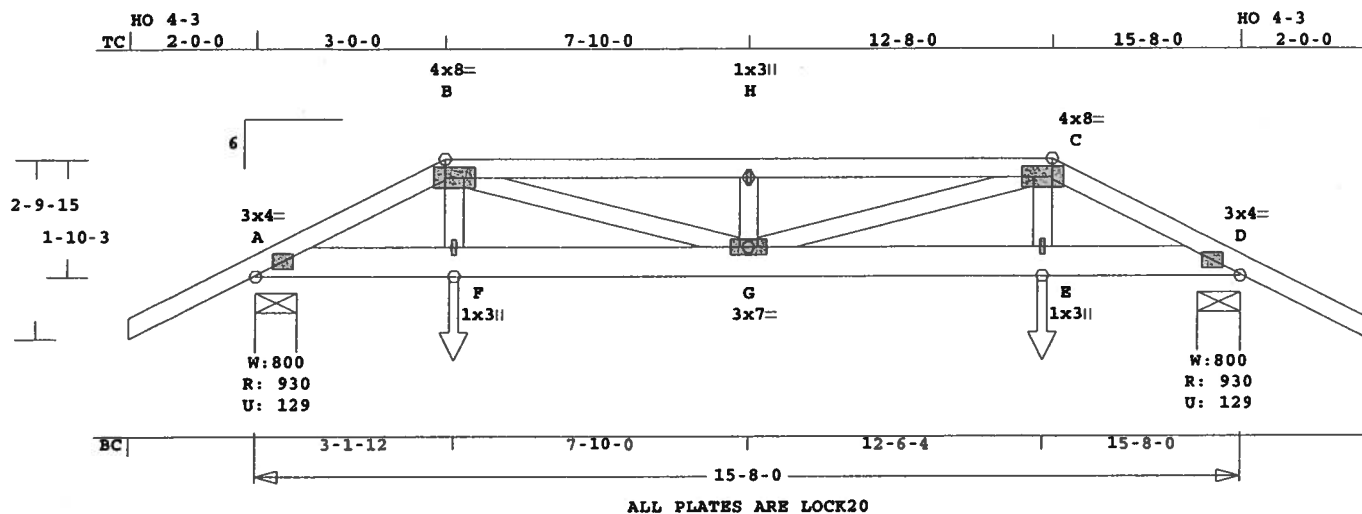
-----Top Chords-----

A -B 0.78 11411 C 0.27 0.51

B -H 0.92 14188 C 0.53 0.39

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	C2	1	HIPP	150800	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 107.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber-----
TC 0.27 2x 4 SP-#2
BC 0.29 2x 6 SP-#2
WB 0.15 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	15- 8- 0
BC Cont.	0- 0- 0	15- 8- 0

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

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 15.7'
BC V 0 20 0.0' 15.7'
TC V 10 5 3.0' 12.7'
BC V 0 5 3.1' 12.5'
BC V 40 40 3.1' CL-LB
BC V 40 40 12.5' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	931	130	8- 0	1- 8
			Hx =	-23
D	931	130	8- 0	1- 8
			Hx =	24

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -B 0.14 1500 C 0.01 0.13

B -H	0.27	2141	C	0.04	0.23
H -C	0.27	2141	C	0.04	0.23
C -D	0.14	1500	C	0.01	0.13
-----Bottom Chords-----					
A -F	0.20	1359	T	0.18	0.02
F -G	0.29	1341	T	0.17	0.12
G -E	0.29	1341	T	0.17	0.12
E -D	0.20	1359	T	0.18	0.02
-----Webs-----					
F -B	0.03	227	T		
B -G	0.15	833	T		
G -H	0.03	363	C		
G -C	0.15	833	T		
E -C	0.03	227	T		

TL Defl -0.12" in G -E L/999
LL Defl -0.06" in G -E L/999
Shear // Grain in B -H 0.23

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.73
B LOCK 4.0x 8.0 Ctr Ctr 0.78
H LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 4.0x 8.0 Ctr Ctr 0.78
D LOCK 3.0x 4.0 Ctr Ctr 0.73
F LOCK 1.0x 3.0 Ctr Ctr 0.75
G LOCK 3.0x 7.0 Ctr Ctr 0.53
E LOCK 1.0x 3.0 Ctr Ctr 0.75

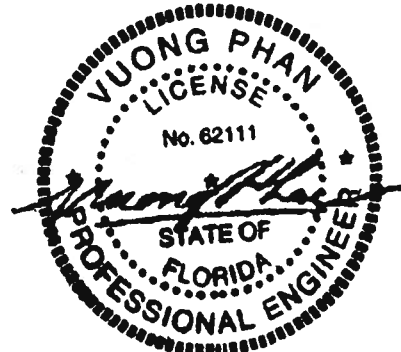
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

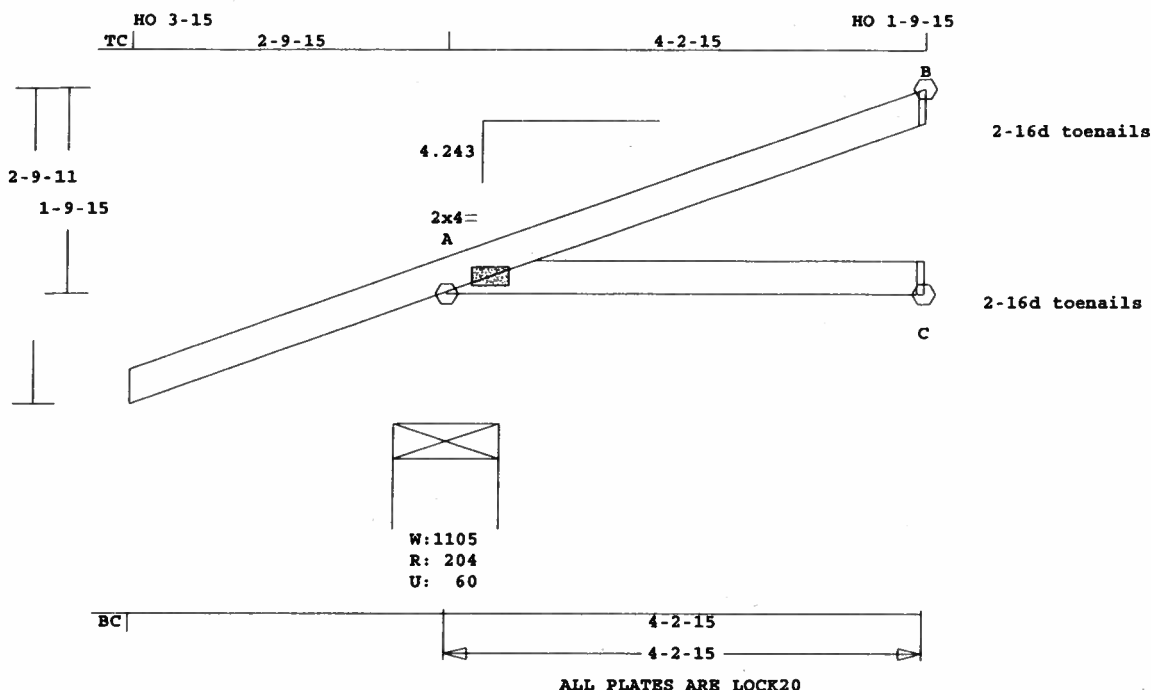
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 3- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2141 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	CJ2	2	JCA2.DD	40215	4.243	2- 9-15	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.591" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.4 LBS

Hz = 11

Setback 3- 0- 0

OH Loading

Soffit psf 2.0

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

Use properly rated hangers for loads framing into girder truss.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 8 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.05 2x 4 SP-#2
BC 0.03 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 2-15
BC Cont.	0- 0- 0	4- 2-15

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

Load Case # 1 Girder Loading

Lumber Duration Factor	1.25			
Plate Duration Factor	1.25			
plf - Live	Dead	From	To	
TC V	40	20	0.0'	4.2'
BC V	0	20	0.0'	4.2'
TC V	-40	-20	0.0'	4.2'
	-12	-6		4.2'
BC V	0	-20	0.0'	4.2'
	0	-6		4.2'

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	204	60	11- 5	1- 8
			Hz =	16
C	31	0	1- 8	1- 8
B	46	18	1- 8	1- 8

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -B 0.05 8 C 0.00 0.05
-----Bottom Chords-----
A -C 0.03 0 T 0.00 0.03

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.72

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

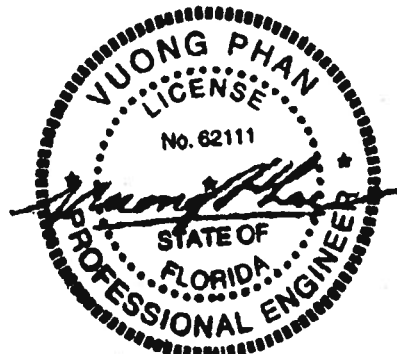
Girder King Jack

Loading TC and BC

Truss Design Engineer: Vuong Phan

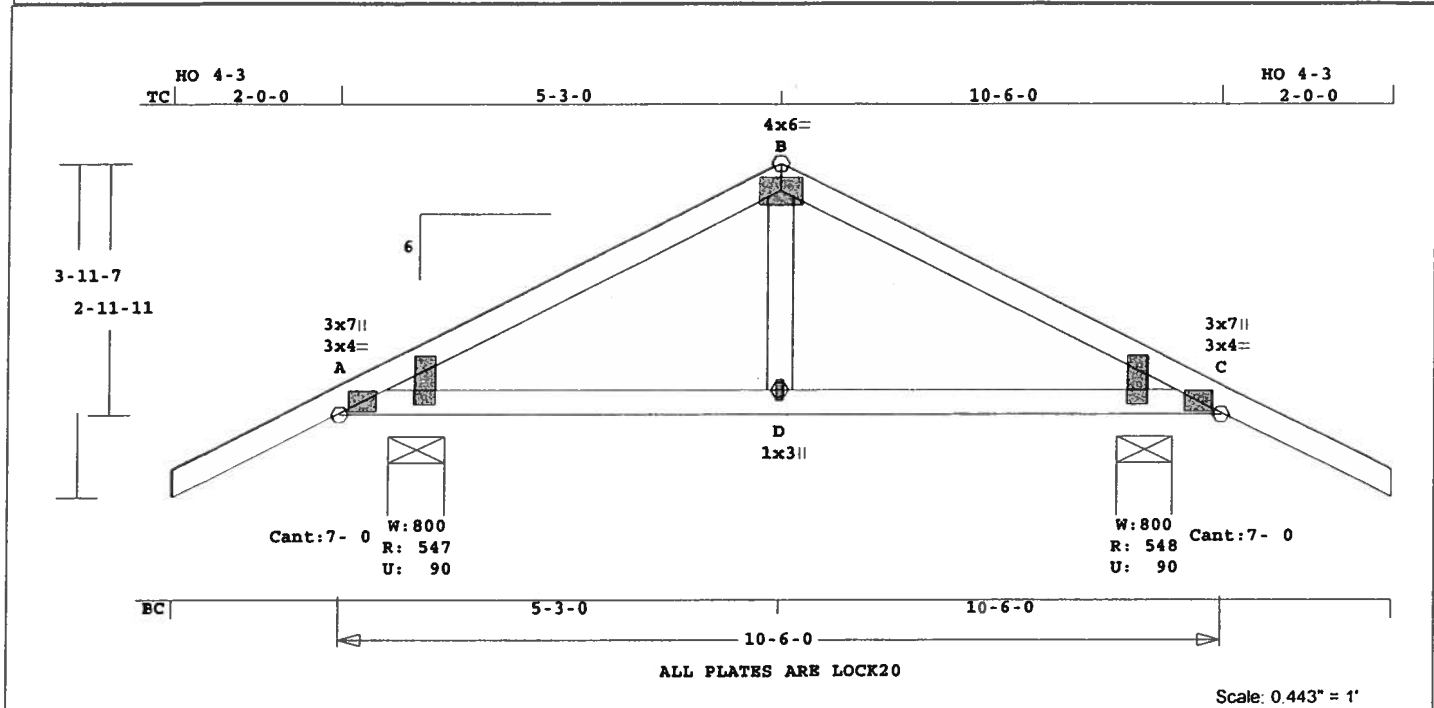
License #: 62111

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



Job WHITT-MARTINEZ	Mark D1	Quan 3	Type TR	Span 100600	Pl-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T06071750
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U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 57.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC	0.12	2x 4	SP-#2
BC	0.14	2x 4	SP-#2
WB	0.02	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

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

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

-----Bottom Chords-----
A -D 0.14 364 T 0.06 0.08
D -C 0.14 364 T 0.06 0.08
-----Webs-----
D -B 0.02 186 T

TL Defl -0.01" in A -D L/999
LL Defl -0.01" in A -D L/999
Shear // Grain in A -B 0.14

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.61
A LOCK 3.0x 7.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.44
C LOCK 3.0x 4.0 Ctr Ctr 0.61
C LOCK 3.0x 7.0 Ctr Ctr 0.00
D LOCK 1.0x 3.0 Ctr Ctr 0.75

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 408 Lbs
Quality Control Factor 1.25

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size Req'd
	Lbs	Lbs	In-Sx In-Sx
A	548	90	8- 0 1- 8
			Hx = -41
C	548	90	8- 0 1- 8
			Hx = 42

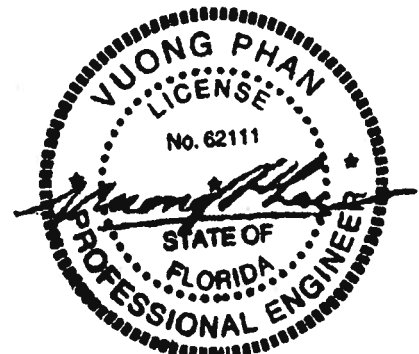
Membr CSI P Lbs Axl-CSt-Bnd
-----Top Chords-----
A -B 0.12 408 C 0.00 0.12
B -C 0.12 408 C 0.00 0.12

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

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

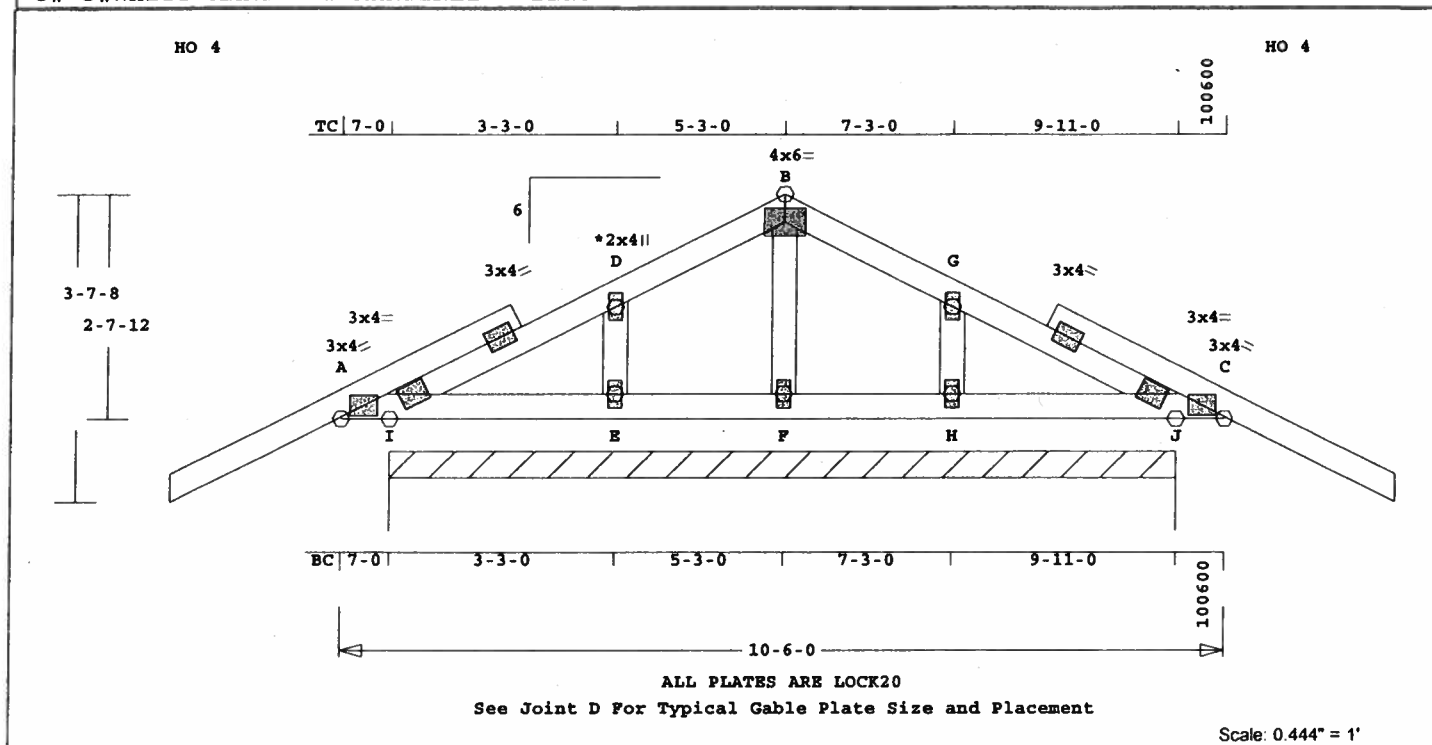
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job WHITT-MARTINEZ	Mark D2	Quan 1	Type TR	Span 100600	P1-H1 6	Left OH 0	Right OH 0	Engineering T06071750
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U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 65.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.05 2x 4 SP-#2
BC 0.04 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 10- 6- 0
BC Cont. 0- 0- 0 10- 6- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
Cont. Brg 0- 7- 0 to 9-11- 0
840 136 Hz = 36

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -D 0.05 117 C 0.00 0.05
D -B 0.05 136 C 0.00 0.05
B -G 0.05 136 C 0.00 0.05
G -C 0.05 117 C 0.00 0.05
-----Bottom Chords-----
A -E 0.04 2 T 0.00 0.04
E -F 0.03 0 T 0.00 0.03
F -H 0.03 0 T 0.00 0.03
H -C 0.04 2 T 0.00 0.04
-----Gable Webs-----

E -D 0.01 171 C
F -B 0.00 51 T
H -G 0.01 171 C
TL Defl 0.00" in I -E L/999
LL Defl 0.00" in I -E L/999
Shear // Grain in I -D 0.10

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.61
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.44
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.61
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00

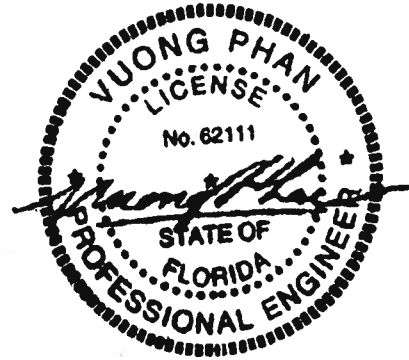
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.
Design checked for 10 psf non-

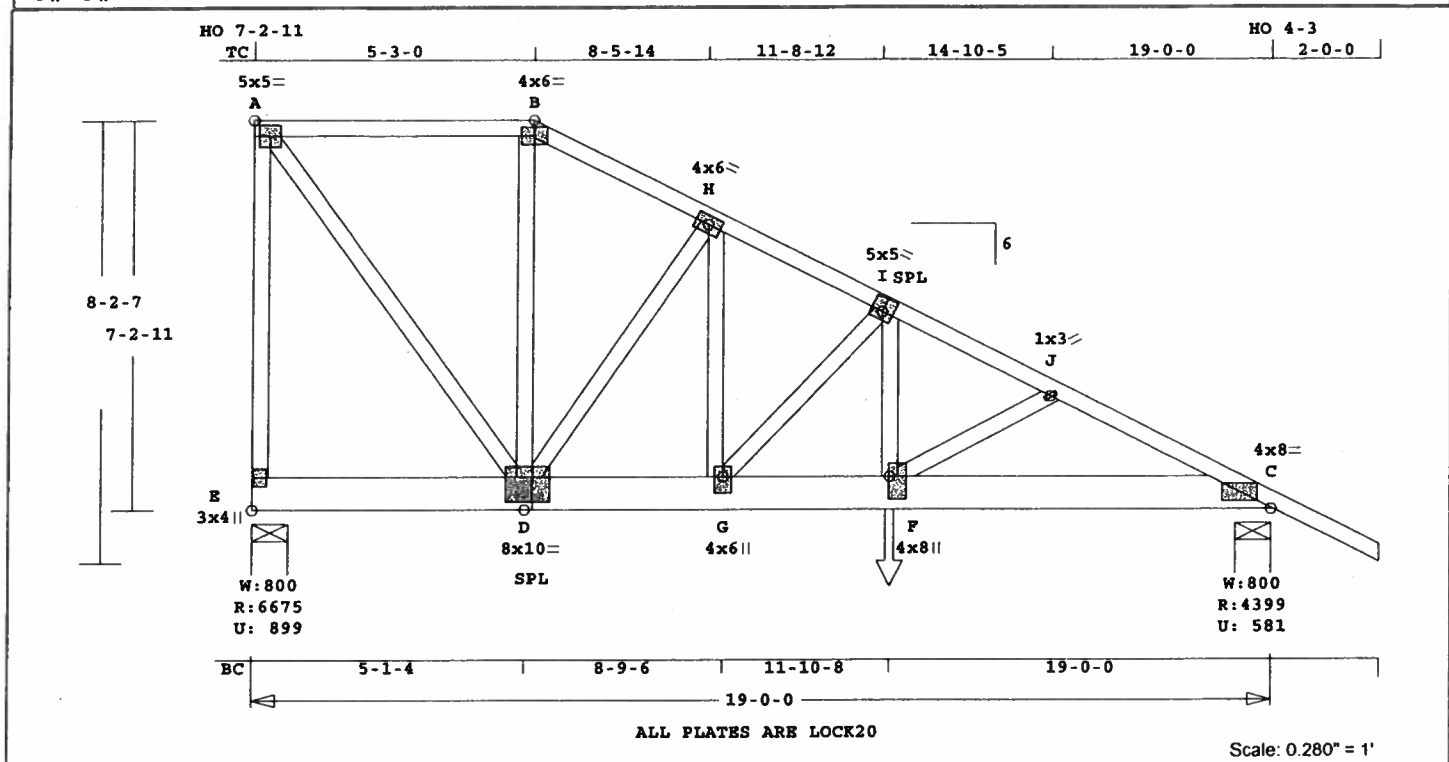
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 171 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E1	1*2P	HHIP	190000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



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

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

* 2-Ply Truss *

CSI -Size- ----Lumber-----
TC 0.29 2x 4 SP-#2
BC 0.69 2x 8 SP-#2
WB 0.57 2x 4 SP-#2

Brace truss as follows:

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

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

Load Case # 1 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 19.0'
BC V 0 20 0.0' 19.0'
BC V 320 320 0.0' 11.0'
BC V 1194 1194 11.9' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd
Lbs Lbs In-Sx In-Sx
E 6676 899 8- 0 3-15
Hz = -241
C 4399 581 8- 0 2-10
Hz = 107

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -B 0.22 3672 C 0.03 0.19
B -H 0.22 4079 C 0.03 0.19
H -I 0.18 6638 C 0.10 0.08
I -J 0.29 8894 C 0.19 0.10
J -C 0.29 9065 C 0.19 0.10
-----Bottom Chords-----

E -D 0.45 191 T 0.00 0.45
D -G 0.67 5934 T 0.33 0.34
G -F 0.69 7962 T 0.45 0.24
F -C 0.61 8106 T 0.45 0.16
-----Webs-----
E -A 0.42 5171 C WindLd
A -D 0.57 6219 T
D -B 0.13 1642 T
D -H 0.28 3955 C
G -H 0.39 4247 T
G -I 0.16 2960 C
F -I 0.27 3003 T
F -J 0.00 167 C

TL Defl -0.20" in G -F L/999
LL Defl -0.10" in G -F L/999
Shear // Grain in E -D 0.58

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.99
B LOCK 4.0x 6.0 Ctr Ctr 0.84
H LOCK 4.0x 6.0 Ctr Ctr 0.87
I LOCK 5.0x 5.0 0.2 0.5 0.77
J LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 4.0x 8.0 Ctr-0.1 0.83
E LOCK 3.0x 4.0 Ctr Ctr 0.74
D LOCK 8.0x10.0-1.0-1.5 0.99
G LOCK 4.0x 6.0 Ctr-0.6 0.71
F LOCK 4.0x 8.0 Ctr-1.0 0.80

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

2 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered

pattern. (1/2" bolts -OR-

SDS3 screws -OR- 10d nails
as each layer is applied.)

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

Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 11.5 21.5 0
WB 1 8 8

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

E - A
Plus clusters of nails where
shown.

OH Loading

Soffit psf 2.0

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

Prevent truss rotation at all
bearing locations.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

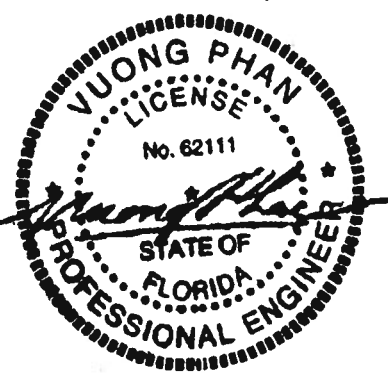
TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 9065 Lbs

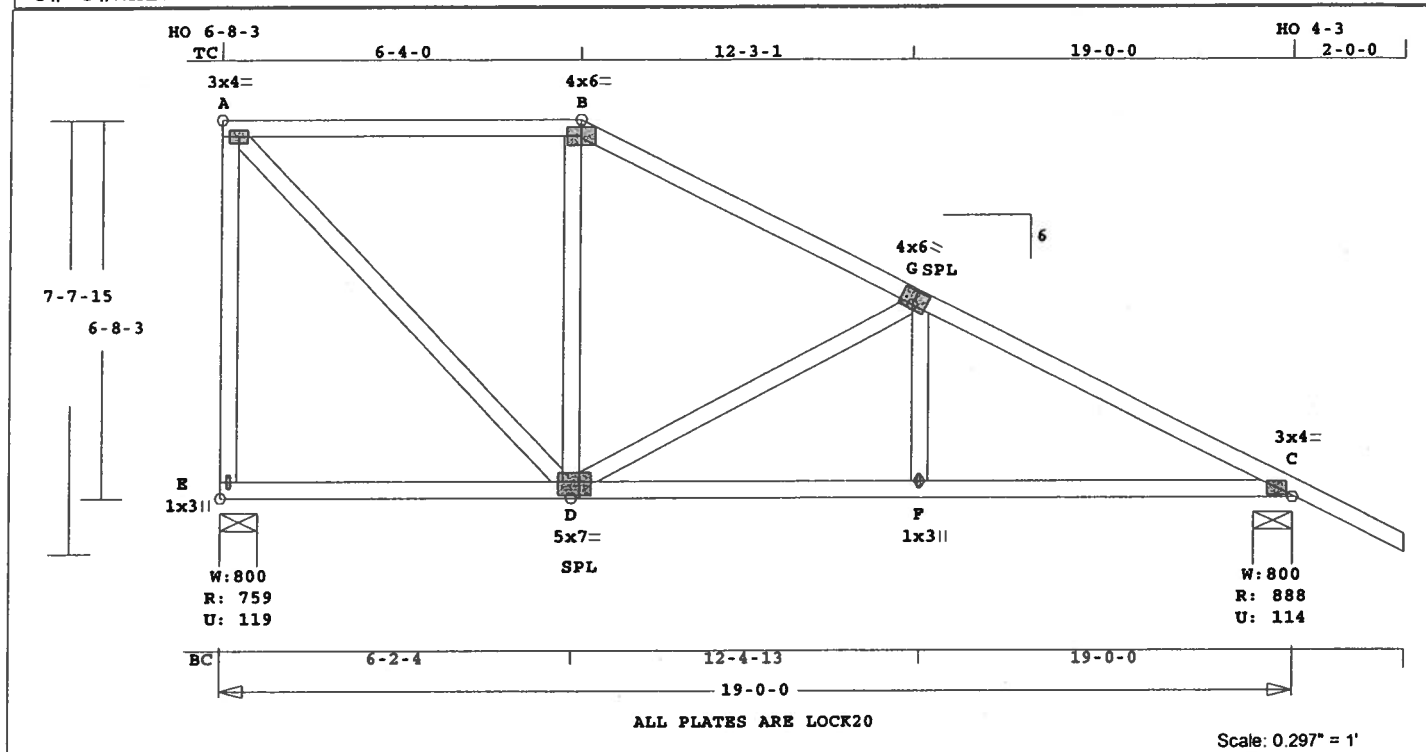
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E2	1	HHIP	190000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 136.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC	0.40	2x 4	SP-#2
BC	0.33	2x 4	SP-#2
WB	0.36	2x 4	SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	760	120	8- 0	1- 8
			Hz =	-226
C	888	115	8- 0	1- 8
			Hz =	100

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.40	509 C	0.00	0.40
B -G	0.39	577 C	0.00	0.39
G -C	0.39	1146 C	0.00	0.39
-----Bottom Chords-----				
E -D	0.23	178 T	0.00	0.23
D -F	0.33	1033 T	0.10	0.23
F -C	0.32	1033 T	0.17	0.15

-----Webs-----

E -A	0.36	708 C	WindLd
A -D	0.13	742 T	
D -B	0.06	124 C	
D -G	0.36	594 C	
F -G	0.03	258 T	

TL Defl -0.09" in F -C L/999
LL Defl -0.04" in E -D L/999
Shear // Grain in A -B 0.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.67
B LOCK 4.0x 6.0 Ctr Ctr 0.84
G LOCK 4.0x 6.0 0.5 0.9 0.55
C LOCK 3.0x 4.0 Ctr Ctr 0.75
E LOCK 1.0x 3.0 Ctr Ctr 0.81
D LOCK 5.0x 7.0-1.0-0.5 0.71
F LOCK 1.0x 3.0 Ctr Ctr 0.81

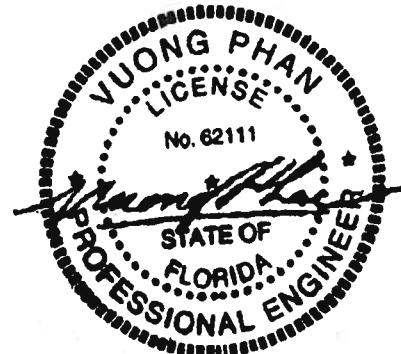
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

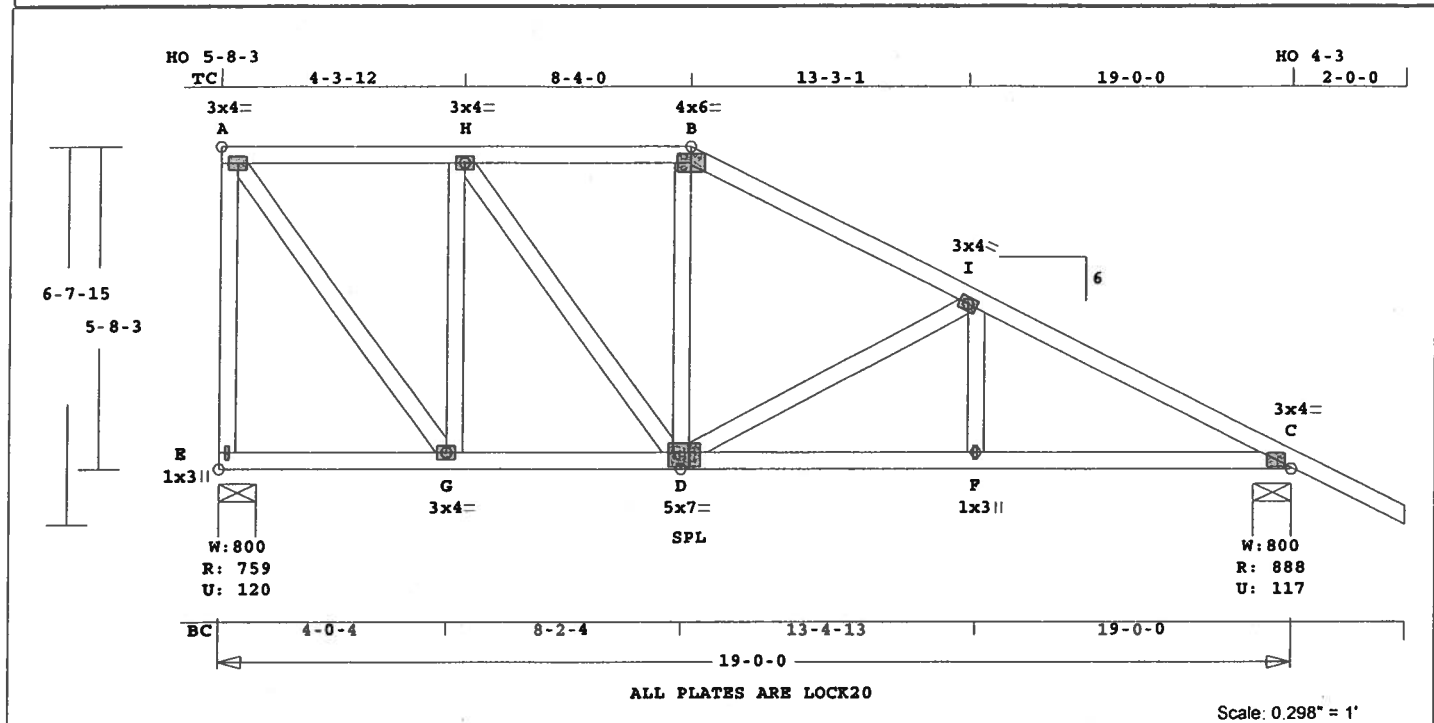
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1146 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E3	1	HHIP	190000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 146.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.26 2x 4 SP-#2
BC 0.27 2x 4 SP-#2
WB 0.26 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 19- 0- 0
BC Cont. 0- 0- 0 19- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
E	760	121	8- 0	1- 8
			Hx =	-189
C	888	117	8- 0	1- 8
			Hx =	84

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

A -H	0.17	461 C	0.00	0.17
H -B	0.17	652 C	0.00	0.17
B -I	0.26	737 C	0.00	0.26
I -C	0.26	1207 C	0.00	0.26

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

E -G	0.09	149 T	0.00	0.09
G -D	0.14	461 T	0.04	0.10
D -F	0.26	1085 T	0.18	0.08
F -C	0.27	1085 T	0.18	0.09

-----Webs-----
E -A 0.26 723 C WindLd
A -G 0.14 771 T
G -H 0.19 532 C
H -D 0.05 318 T
D -B 0.02 159 T
D -I 0.21 493 C
F -I 0.03 222 T

TL Defl -0.06" in D -F L/999
LL Defl -0.02" in D -F L/999
Shear // Grain in B -I 0.19

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area	
Plate - RHS 20 Ga, Gross Area	
Jt Type Plt Size X Y JSI	
A LOCK 3.0x 4.0 Ctr Ctr 0.67	
H LOCK 3.0x 4.0 Ctr Ctr 0.50	
B LOCK 4.0x 6.0 Ctr Ctr 0.84	
I LOCK 3.0x 4.0 Ctr Ctr 0.56	
C LOCK 3.0x 4.0 Ctr Ctr 0.75	
E LOCK 1.0x 3.0 Ctr Ctr 0.81	
G LOCK 3.0x 4.0 Ctr Ctr 0.51	
D LOCK 5.0x 7.0-1.0-0.5 0.58	
F LOCK 1.0x 3.0 Ctr Ctr 0.81	

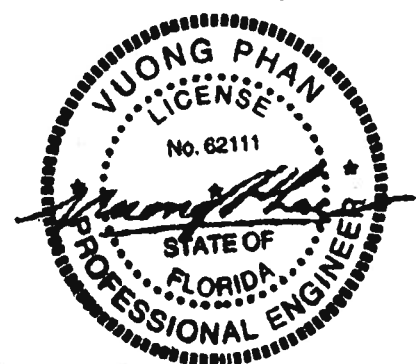
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

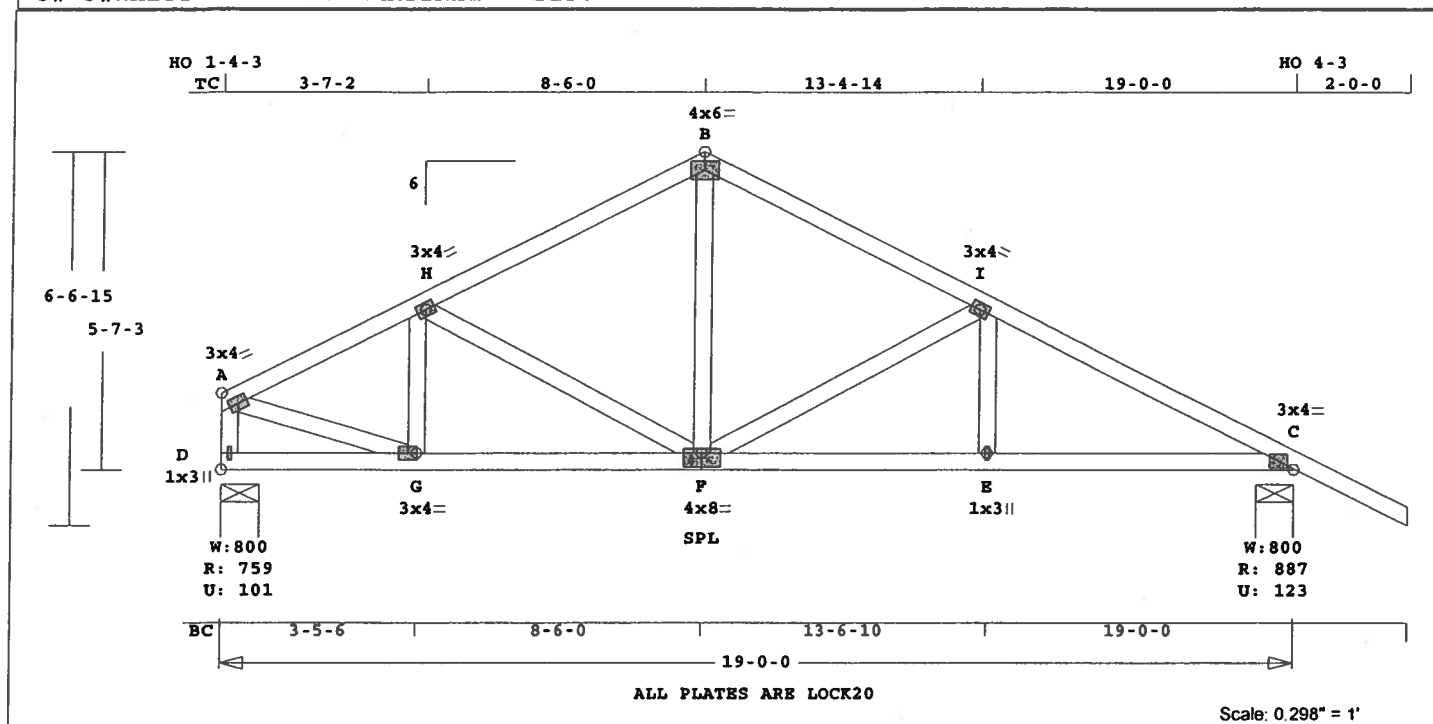
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1207 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E4	5	TR	190000	6	0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 127.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.24 2x 4 SP-#2
BC 0.27 2x 4 SP-#2
WB 0.18 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 19- 0- 0
BC Cont. 0- 0- 0 19- 0- 0

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
D	760	102	8- 0	1- 8
			Hz =	-112
C	888	123	8- 0	1- 8
			Hz =	93

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -H	0.19		861 C	0.00	0.19
H -B	0.19		763 C	0.00	0.19
B -I	0.24		765 C	0.00	0.24
I -C	0.24		1213 C	0.00	0.24
-----Bottom Chords-----					
D -G	0.09		98 T	0.00	0.09
G -F	0.22		783 T	0.08	0.14
F -E	0.26		1090 T	0.18	0.08
E -C	0.27		1090 T	0.18	0.09

-----Webs-----			
D -A	0.06	731 C	WindLd
A -G	0.15	827 T	
G -H	0.02	177 C	
H -F	0.04	118 C	
F -B	0.07	413 T	
F -I	0.18	468 C	
E -I	0.03	207 T	

TL Defl -0.06" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in H -B 0.18

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - RHS	20 Ga	Gross Area	
Jt	Type	Plt Size	X Y JSI
A	LOCK	3.0x 4.0	Ctr Ctr 0.67
H	LOCK	3.0x 4.0	Ctr Ctr 0.56
B	LOCK	4.0x 6.0	Ctr Ctr 0.53
I	LOCK	3.0x 4.0	Ctr Ctr 0.56
C	LOCK	3.0x 4.0	Ctr Ctr 0.75
D	LOCK	1.0x 3.0	Ctr Ctr 0.81
G	LOCK	3.0x 4.0	Ctr Ctr 0.50
F	LOCK	4.0x 8.0	Ctr-1.0 0.60
E	LOCK	1.0x 3.0	Ctr Ctr 0.81

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

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

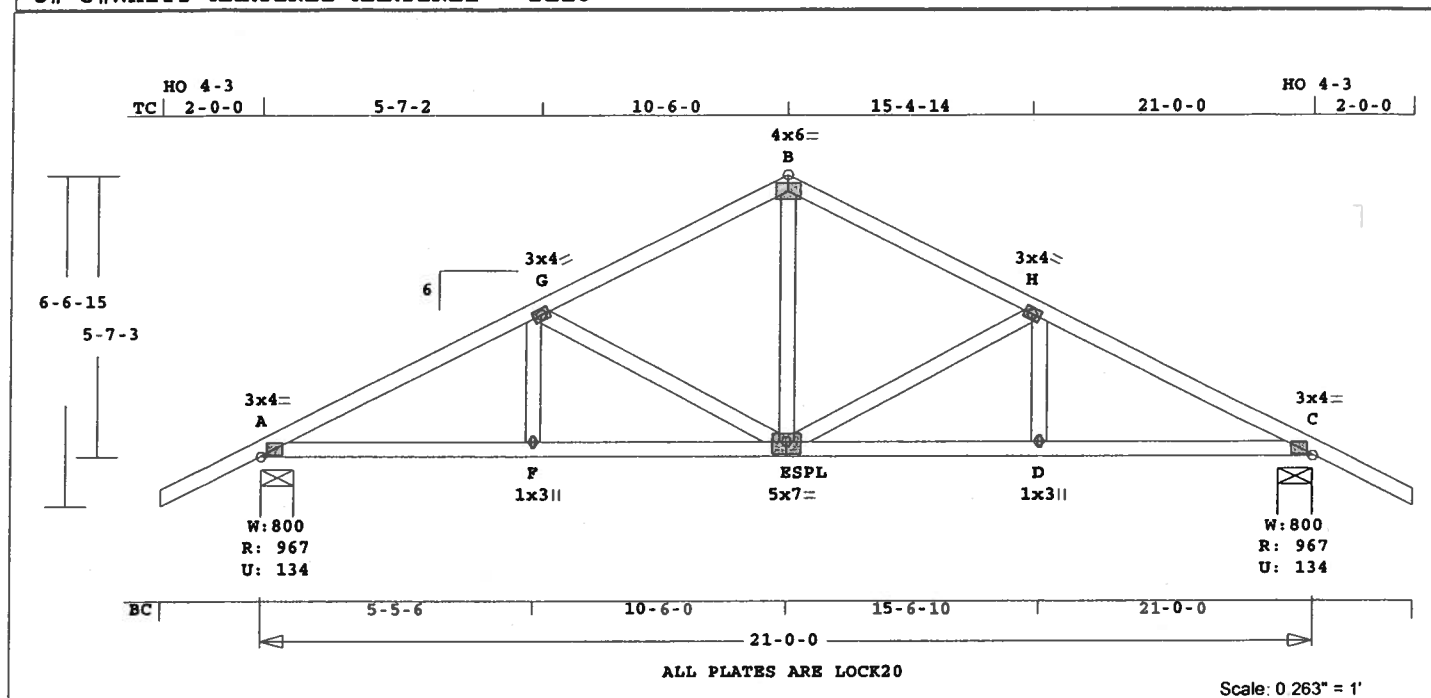
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1213 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job WHITT-MARTINEZ	Mark E5	Quan 1	Type SP	Span 210000	P1-H1 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 132.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ---Lumber---
TC 0.24 2x 4 SP-#2
BC 0.28 2x 4 SP-#2
WB 0.18 2x 4 SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	968	134	8- 0	1- 8
			Hx =	-97
C	968	134	8- 0	1- 8
			Hx =	98

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -G	0.24	1382	C	0.01	0.23
G -B	0.23	939	C	0.00	0.23
B -H	0.23	939	C	0.00	0.23
H -C	0.24	1382	C	0.01	0.23

-----Bottom Chords-----					
A -F	0.28	1241	T	0.20	0.08
F -E	0.28	1241	T	0.20	0.08
E -D	0.28	1241	T	0.20	0.08
D -C	0.28	1241	T	0.20	0.08

-----Webs-----					
F -G	0.03	205	T		
G -E	0.18	462	C		
E -B	0.10	548	T		
E -H	0.18	462	C		
D -H	0.03	205	T		

TL Defl -0.08" in F -E L/999
LL Defl -0.04" in F -E L/999
Shear // Grain in A -G 0.18

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 4.0 Ctr Ctr 0.78

G LOCK 3.0x 4.0 Ctr Ctr 0.59

B LOCK 4.0x 6.0 Ctr Ctr 0.56

H LOCK 3.0x 4.0 Ctr Ctr 0.59

C LOCK 3.0x 4.0 Ctr Ctr 0.78

F LOCK 1.0x 3.0 Ctr Ctr 0.81

E LOCK 5.0x 7.0 Ctr-0.5 0.58

D LOCK 1.0x 3.0 Ctr Ctr 0.81

REVIEWED BY:

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

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

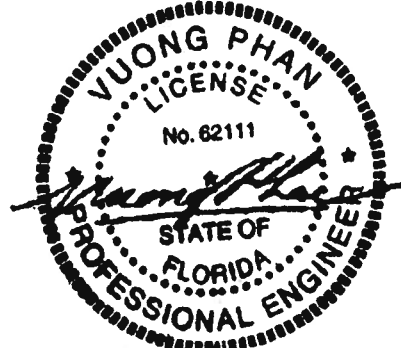
Max comp. force 1382 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan

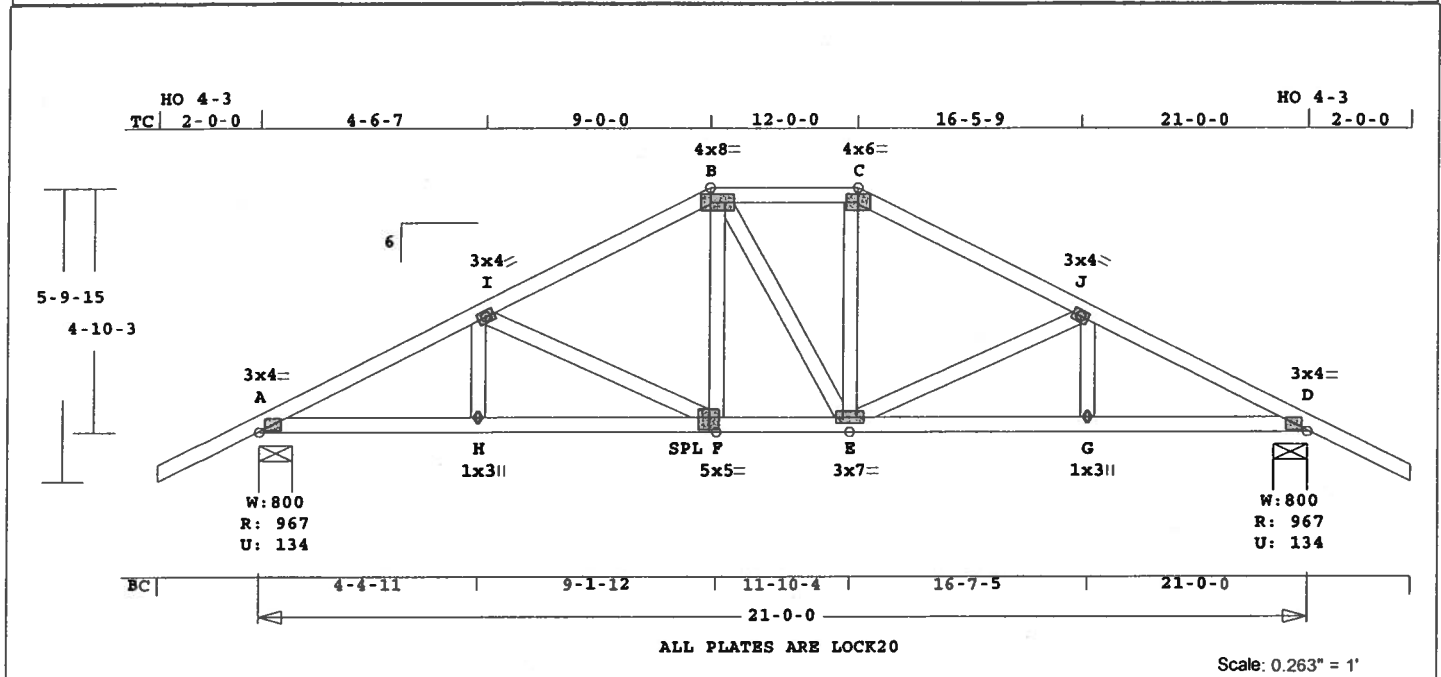
License #: 62111

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



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	E6	1	HIPP	210000	6	2- 0- 0	2- 0- 0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 143.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

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

TC	0.16	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.13	2x 4	SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	968	134	8- 0	1- 8
			Hx =	-83
D	968	134	8- 0	1- 8
			Hx =	84

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----				
A -I	0.15	1442 C	0.01	0.14
I -B	0.16	1053 C	0.01	0.15
B -C	0.05	939 C	0.00	0.05
C -J	0.16	1053 C	0.01	0.15
J -D	0.16	1442 C	0.01	0.15
-----Bottom Chords-----				
A -H	0.25	1291 T	0.21	0.04
H -F	0.28	1291 T	0.21	0.07
F -E	0.20	935 T	0.15	0.05
E -G	0.27	1292 T	0.21	0.06
G -D	0.25	1292 T	0.21	0.04

-----Webs-----		
H -I	0.02	177 T
I -F	0.13	387 C
F -B	0.04	268 T
B -E	0.01	61 T
E -C	0.04	265 T
E -J	0.13	389 C
G -J	0.02	175 T

TL Defl -0.09" in H -F L/999
LL Defl -0.04" in H -F L/999
Shear // Grain in I -B 0.16

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga, Gross Area
Jt Type	Plt Size	X Y JSI
A LOCK	3.0x 4.0	Ctr Ctr 0.78
I LOCK	3.0x 4.0	Ctr Ctr 0.59
B LOCK	4.0x 8.0	Ctr Ctr 0.87
C LOCK	4.0x 6.0	Ctr Ctr 0.87
J LOCK	3.0x 4.0	Ctr Ctr 0.59
D LOCK	3.0x 4.0	Ctr Ctr 0.78
H LOCK	1.0x 3.0	Ctr Ctr 0.81
F LOCK	5.0x 5.0	Ctr-0.5 0.58
E LOCK	3.0x 7.0	Ctr Ctr 0.50
G LOCK	1.0x 3.0	Ctr Ctr 0.81

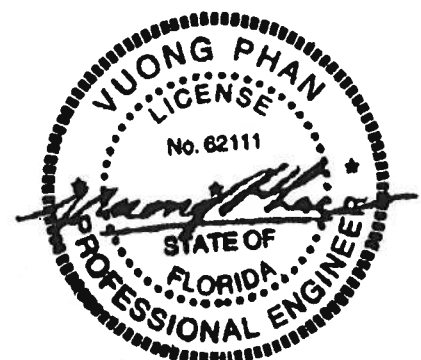
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

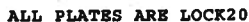
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1442 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



WHITT-MARTINEZ

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.263" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 155.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	----Lumber----
TC	0.76	2x 4	SP-#2
EX B	-C	2x 6	SP-#2
BC	0.59	2x 6	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:				
O.C.	From	To		
TC Cont.	0- 0- 0	21- 0- 0		
BC Cont.	0- 0- 0	21- 0- 0		

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

Load Case # 1 Girder Loading					
Lumber		Duration	Factor	1.25	
Plate		Duration	Factor	1.25	
plf -	Live	Dead	From	To	
TC	V	40	20	0.0'	21.0'
BC	V	0	20	0.0'	21.0'
TC	V	50	25	7.0'	14.0'
BC	V	0	25	7.1'	13.9'
BC	V	280	280	7.1'	CL-LB
BC	V	280	280	13.9'	CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	1874	257	8 - 0 Hz =	2 - 3 -63
D	1874	257	8 - 0 Hz =	2 - 3 64

Membr	CSI	P	Lbs	Axl-CSI-Bnd
-------	-----	---	-----	-------------

Top Chords						
A	-G	0.35	3364	C	0.10	0.25
G	-B	0.76	3282	C	0.08	0.68
B	-C	0.95	3026	C	0.04	0.91
C	-H	0.73	3327	C	0.09	0.64
H	-D	0.32	3414	C	0.10	0.22
Bottom Chords						
A	-F	0.55	2991	T	0.40	0.15
F	-E	0.59	2961	T	0.39	0.20
E	-D	0.53	3034	T	0.40	0.13
Webs						
G	-F	0.01	71	T		
F	-B	0.14	833	T		
B	-E	0.02	80	T		
E	-C	0.14	860	T		
E	-H	0.00	64	T		

TL Defl	-0.26"	in F -E	L/919
LL Defl	-0.12"	in F -E	L/999
Shear //	Grain	in B -C	0.36

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.

Plate -	LOCK	20 Ga,	Gross Area
Plate -	RHS	20 Ga,	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x	6.0	Ctr Ctr 0.75
G LOCK	1.0x	3.0	Ctr Ctr 0.75
B LOCK	5.0x	9.0	Ctr Ctr 0.85
C LOCK	6.0x	6.0	Ctr-0.6 0.50
H LOCK	1.0x	3.0	Ctr Ctr 0.75
D LOCK	4.0x	6.0	Ctr Ctr 0.77
F LOCK	6.0x	6.0	Ctr-1.2 0.52
E LOCK	4.0x	6.0	Ctr-0.8 0.63

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

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

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

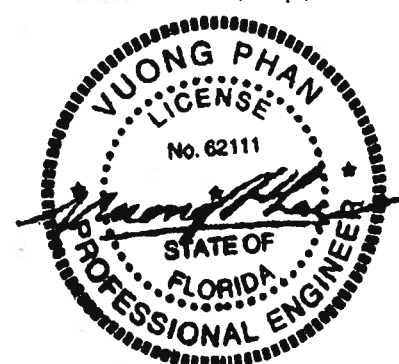
Girder	Step Down Hip
Framing	King Jacks
Jack	Open Faced
Setback	7- 0- 0

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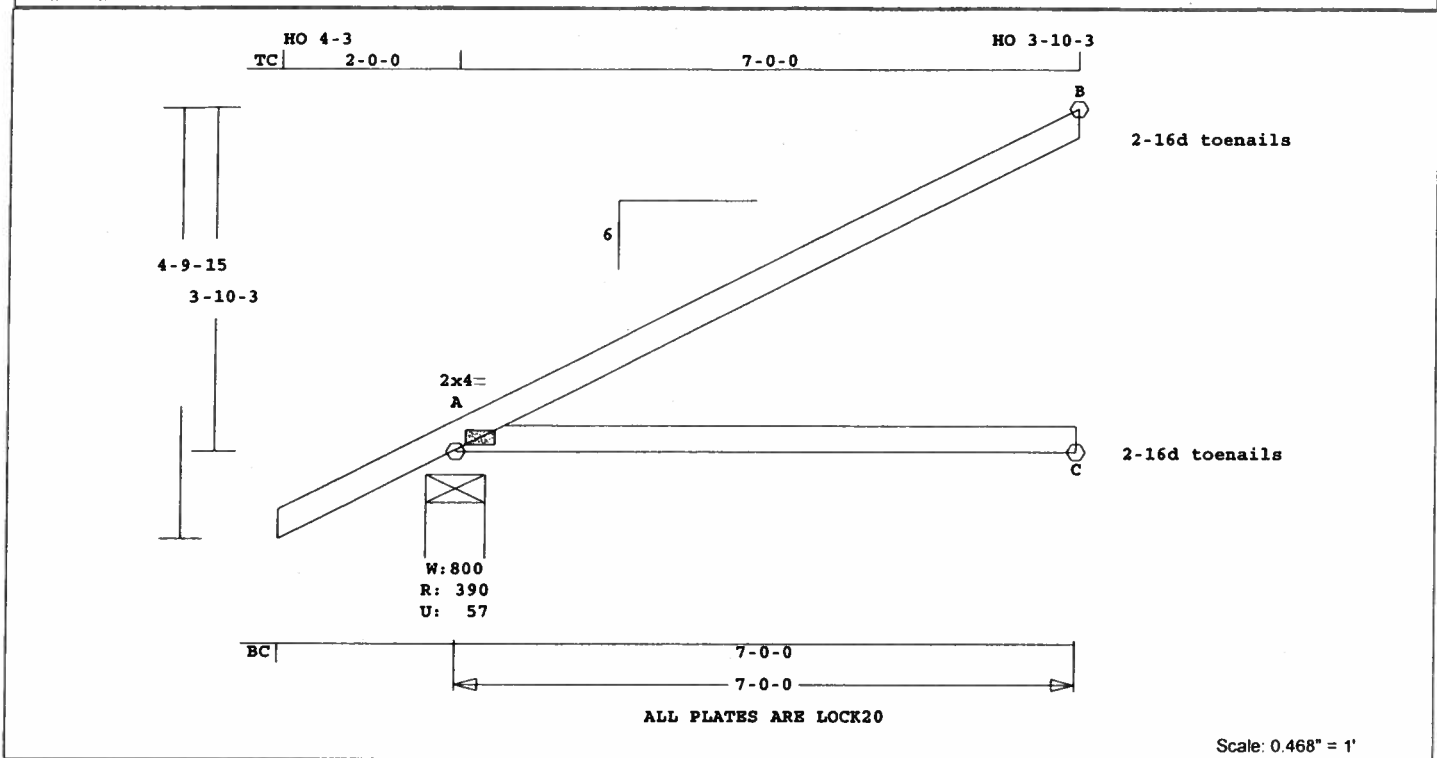
OH Loading
  Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
  Wind Speed:      110 mph
  Mean Roof Height: 15-0
  Exposure Category: B
  Occupancy Factor : 1.00
  Building Type: Enclosed
  Zone location: Exterior
  TC Dead Load :      5.0 psf
  BC Dead Load :      5.0 psf
Max comp. force      3414 Lbs
Quality Control Factor 1.25

```

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J1	41	JCA2	70000	6	2- 0- 0	0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.5 LBS
A -C 0.36 0 T 0.00 0.36 concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size- ----Lumber----
TC 0.50 2x 4 SP-#2
BC 0.36 2x 4 SP-#2

Brace truss as follows:

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

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69

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

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

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

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

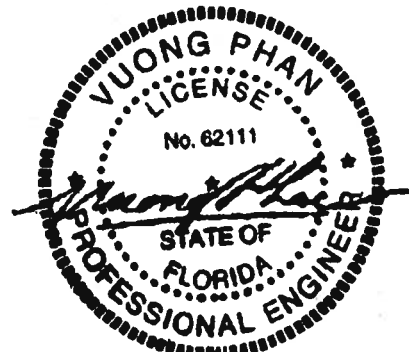
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 49 Lbs
Quality Control Factor 1.25

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	390	58	8- 0	1- 8
			Hz =	105
C	128	0	1- 8	1- 8
B	183	79	1- 8	1- 8
			Hz =	72

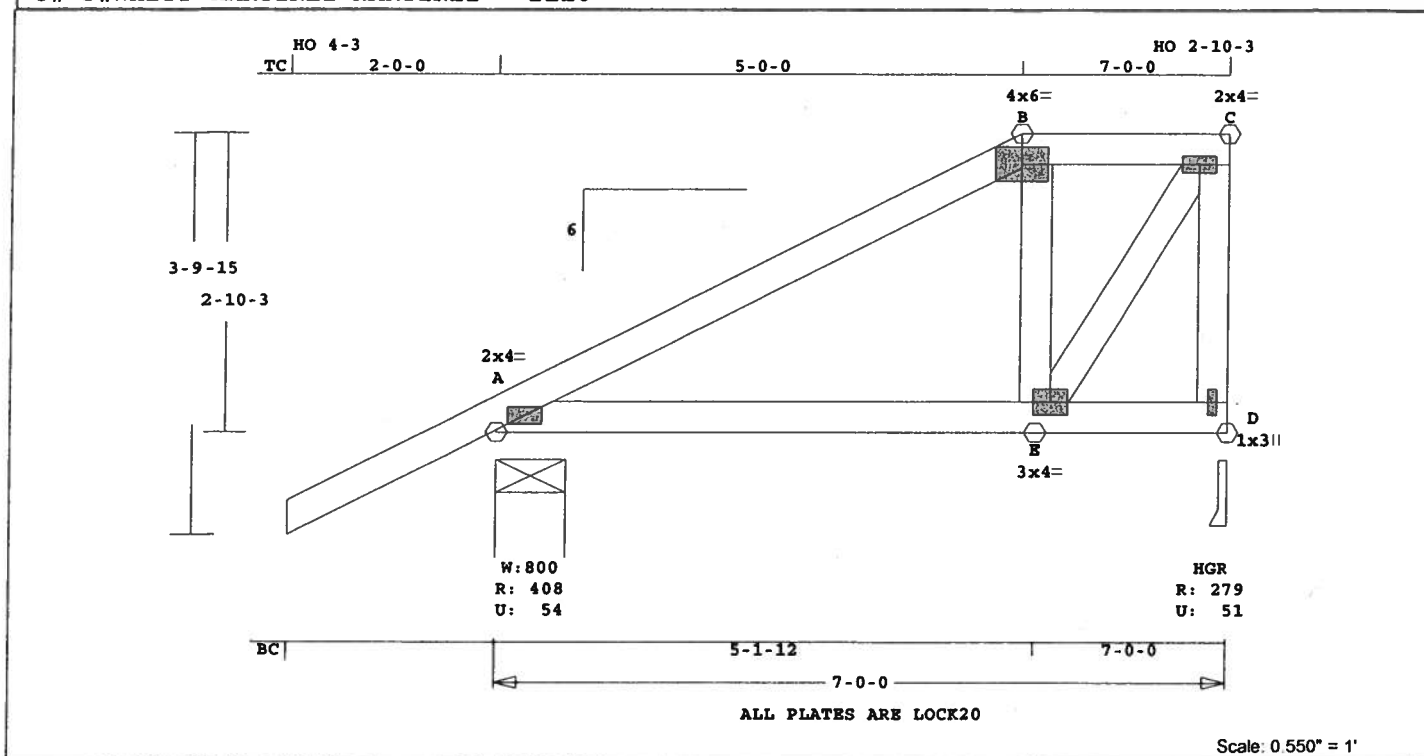
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.50	49	C	0.00	0.50
-----Bottom Chords-----					

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	JIA	1	HHIP	70000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

	CSI	-Size-	-----Lumber-----
TC	0.20	2x 4	SP-#2
BC	0.17	2x 4	SP-#2
WB	0.06	2x 4	SP-#2

Brace truss as follows:

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

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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	408	55	8- 0	1- 8
			Hz =	-34
D	280	52	3- 8	1- 8
			Hz =	89

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A - B	0.20		203 C	0.00	0.20	
B - C	0.08		181 C	0.00	0.08	

-----Bottom Chords-----					
A - E	0.17	181 T	0.03	0.14	
E - D	0.12	69 T	0.00	0.12	
-----Webs-----					
E - B	0.01	140 C			
E - C	0.06	326 T			
D - C	0.03	298 C	WindLd		

TL Defl -0.03" in A - E L/999
LL Defl -0.01" in A - E L/999
Shear // Grain in A - B 0.15

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69
B LOCK 4.0x 6.0 Ctr Ctr 0.62
C LOCK 2.0x 4.0 Ctr Ctr 0.75
E LOCK 3.0x 4.0 Ctr Ctr 0.38
D LOCK 1.0x 3.0 Ctr Ctr 0.75

Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 298 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

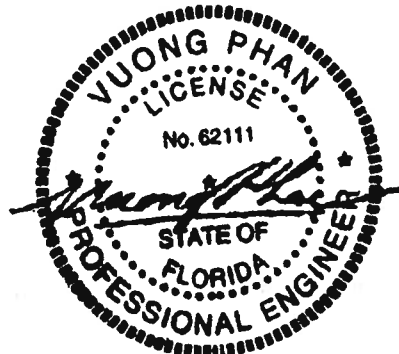
REVIEWED BY:

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

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

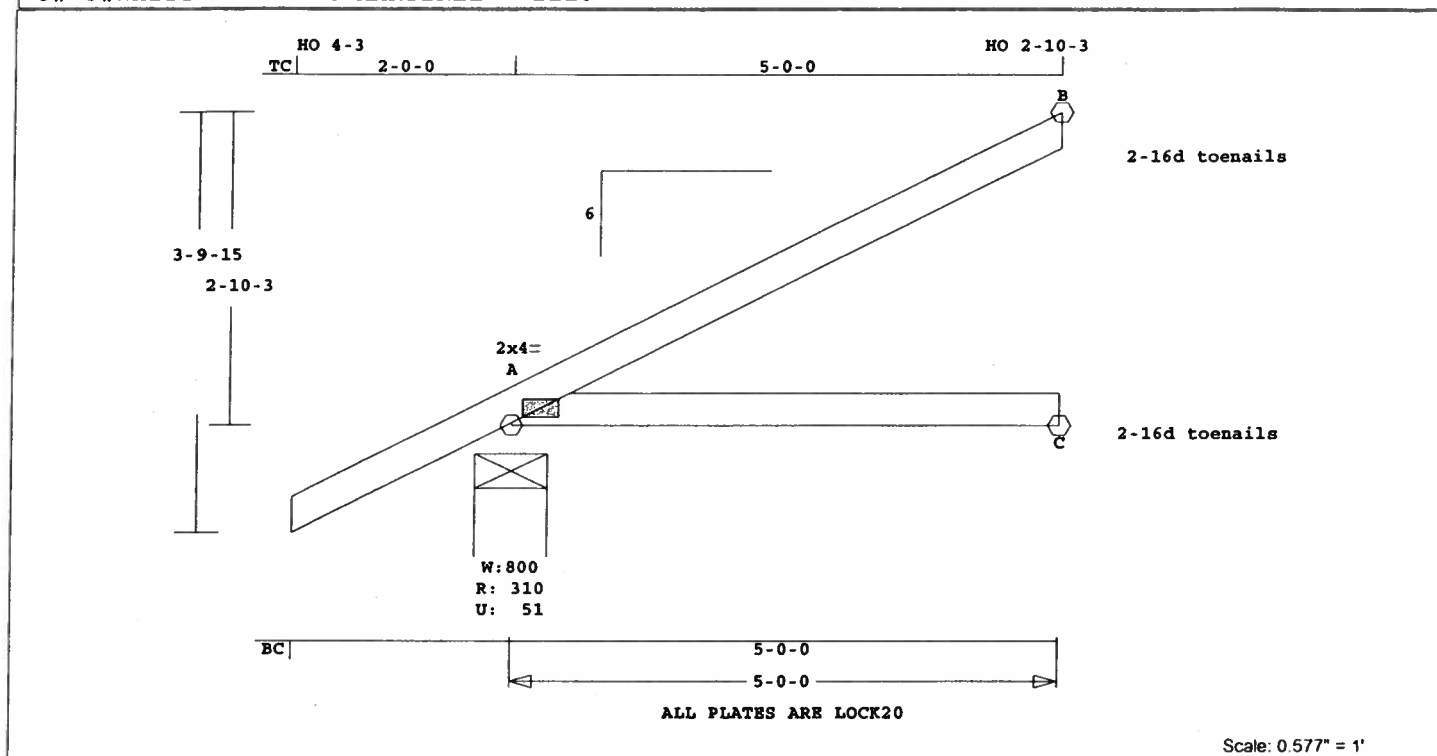
NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J2	10	JCA2	50000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.5 LBS

A -C 0.18 0 T 0.00 0.18

concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

TL Defl -0.05" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.16

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
Wind-Force Resistance System.

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

TC 0.25 2x 4 SP-#2

BC 0.18 2x 4 SP-#2

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 5- 0- 0

BC Cont. 0- 0- 0 5- 0- 0

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.65

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 34 Lbs

Quality Control Factor 1.25

Loading Live Dead (psf)

TC 20.0 10.0

BC 0.0 10.0

Total 20.0 20.0 40.0

Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

Truss Design Engineer: Vuong Phan

License #: 62111

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

Plus 5 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd

Lbs Lbs In-Sx In-Sx

A 310 52 8- 0 1- 8

H_z = 74

C 90 0 1- 8 1- 8

B 129 56 1- 8 1- 8

H_z = 51

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

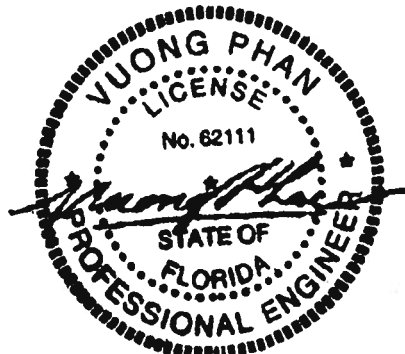
Design checked for 10 psf non-

Membr CSI P Lbs Axl-CSI-Bnd

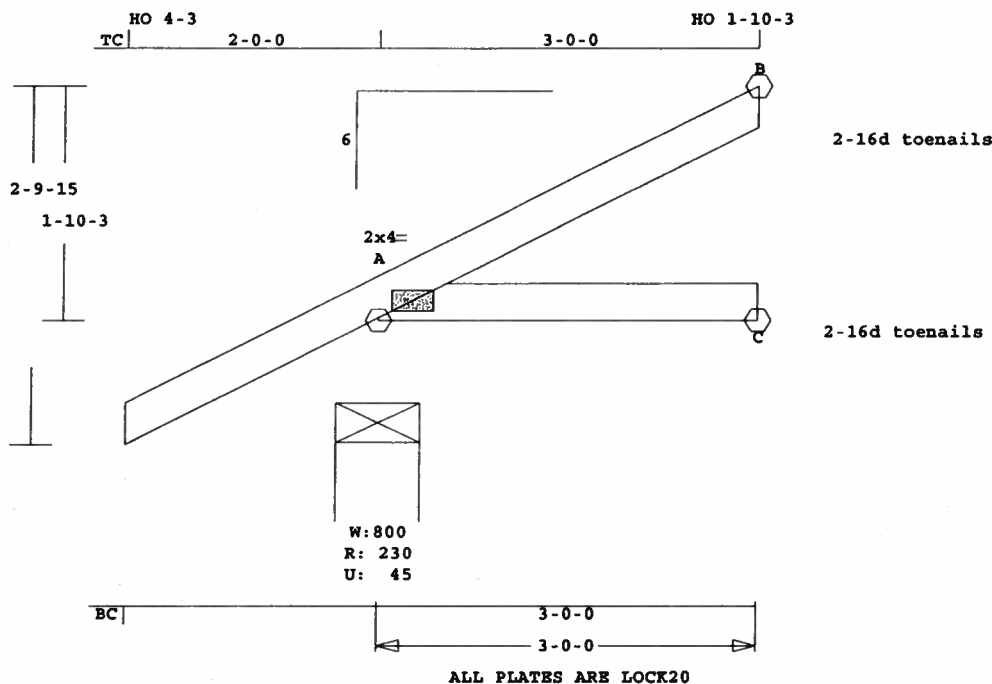
-----Top Chords-----

A -B 0.25 34 C 0.00 0.25

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J3	16	JCA2	30000	6	2- 0- 0	0	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.5 LBS
A -C 0.06 0 T 0.00 0.06 concurrent LL on BC.

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.08

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

CSI -Size- ----Lumber----
TC 0.08 2x 4 SP-#2
BC 0.06 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

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

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.65

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 19 Lbs
Quality Control Factor 1.25

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

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

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

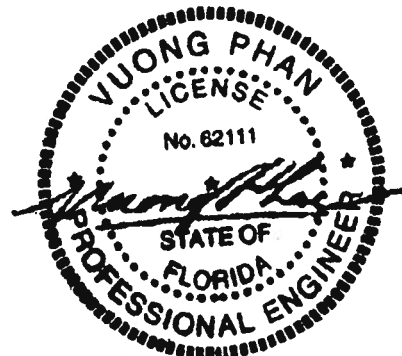
Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	230	46	8- 0	1- 8
			Hz =	44
C	52	0	1- 8	1- 8
B	74	32	1- 8	1- 8
			Hz =	30

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

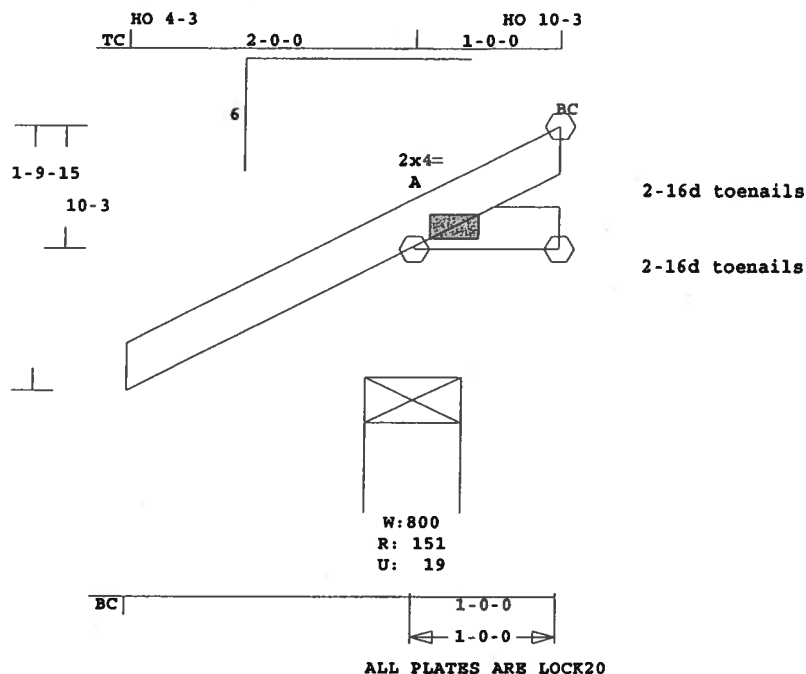
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	J4	14	JCA2	10000	6	2- 0- 0	0	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



Scale: 0.759" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.5 LBS

Online Plus -- Version 19.0.032
 RUN DATE: 19-JUL-06

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

Brace truss as follows:

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

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

Plus 5 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	151	20	3- 8	1- 8
			Hz =	13
B	20	9	1- 8	1- 8
C	14	0	1- 8	1- 8

Membr CSI P Lbs Axl-CSt-Bnd
 -----Top Chords-----
 A -B 0.00 4 C
 -----Bottom Chords-----
 A -C 0.00 8 T

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

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.65

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

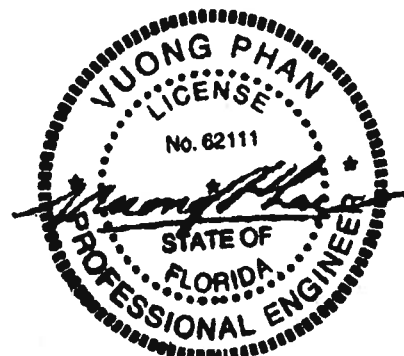
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

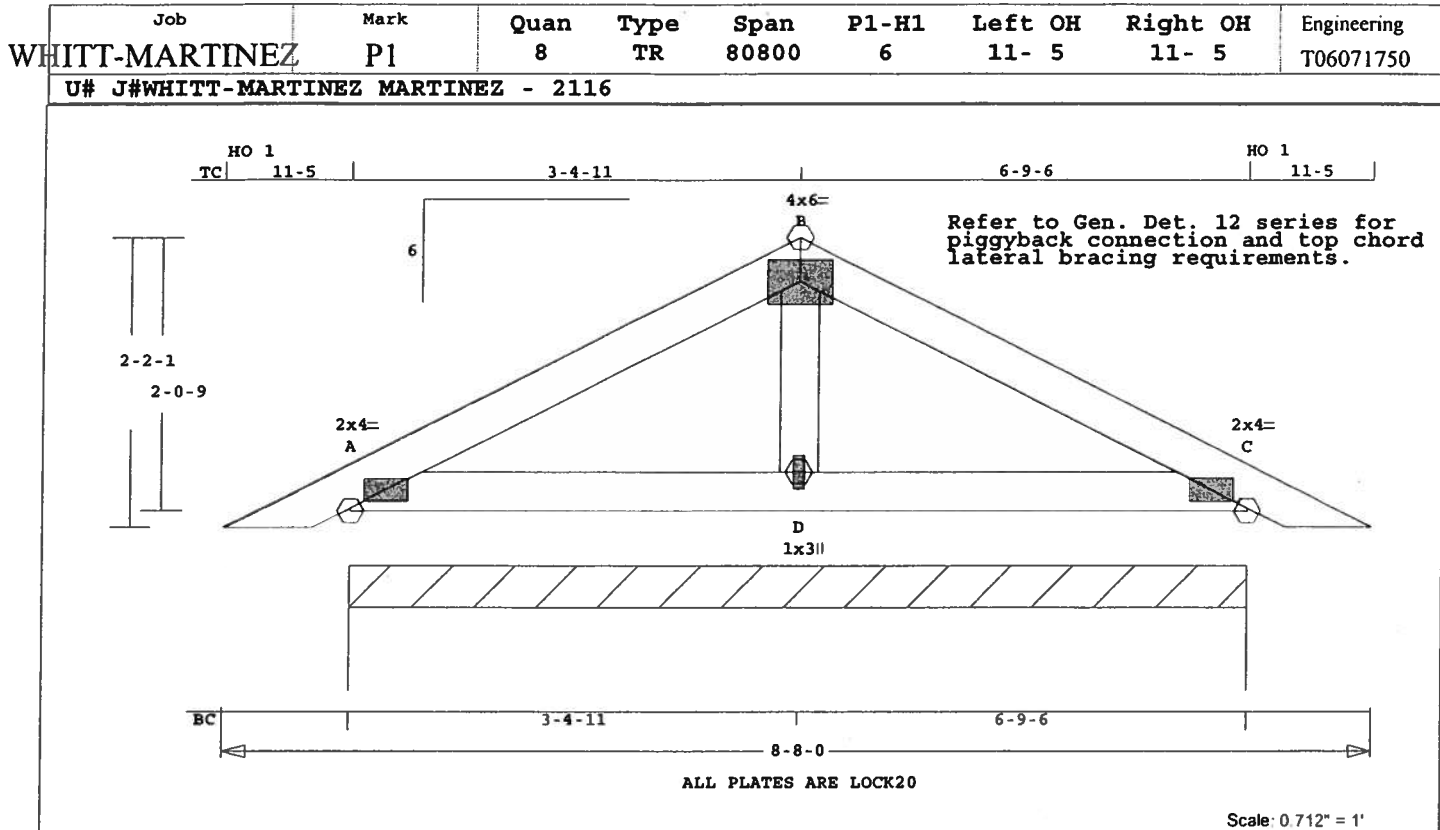
For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 4 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
 License #: 62111
 Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.8 LBS

D -C 0.07 6 C 0.00 0.07

-----Webs-----

D -B 0.00 45 C

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

CSI -Size-	-----Lumber----
TC 0.07 2x 4 SP-#2	
BC 0.07 2x 4 SP-#2	
WB 0.00 2x 4 SP-#2	

Brace truss as follows:

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

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

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 2.0x 4.0 Ctr Ctr 0.69

B LOCK 4.0x 6.0 Ctr Ctr 0.39

C LOCK 2.0x 4.0 Ctr Ctr 0.69

D LOCK 1.0x 3.0 Ctr Ctr 0.75

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as a Main

Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 161 Lbs

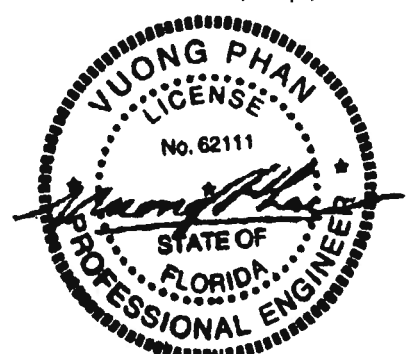
Quality Control Factor 1.25

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to	6- 9- 6	
	663	93	Hz =	27

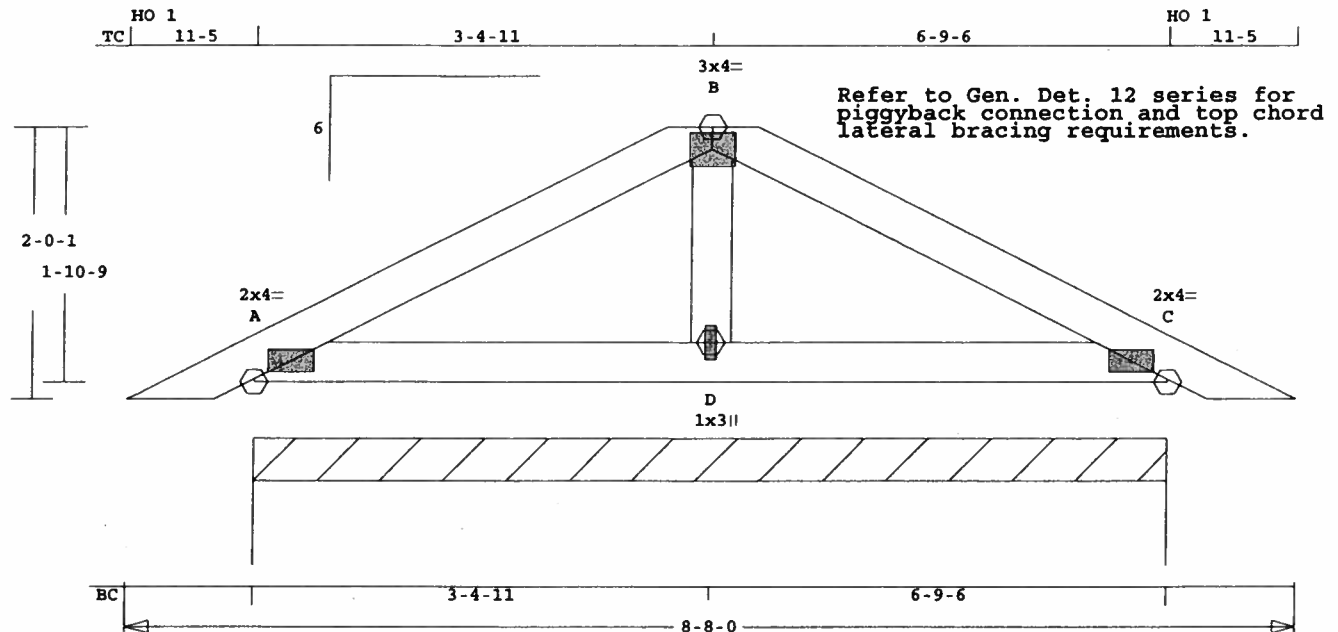
Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -B	0.07		161 C	0.00	0.07	
B -C	0.07		161 C	0.00	0.07	
-----Bottom Chords-----						
A -D	0.07		6 C	0.00	0.07	

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	P2	2	TR	80800	6	11- 5	11- 5	T06071750

U# J#WHITT-MARTINEZ MARTINEZ - 2116



ALL PLATES ARE LOCK20

Scale: 0.712" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.5 LBS

D -C 0.07 6 C 0.00 0.07

concurrent LL on BC.

-----Webs-----

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

Online Plus -- Version 19.0.032
RUN DATE: 19-JUL-06

D -B 0.00 45 C

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

CSI -Size- ----Lumber----
TC 0.07 2x 4 SP-#2
BC 0.07 2x 4 SP-#2
WB 0.00 2x 4 SP-#2

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

Wind-Force Resistance System.
Wind Speed: 110 mph

Brace truss as follows:

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

Mean Roof Height: 15-0
Exposure Category: B

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

REPORT: NER 691
ROBBINS ENGINEERING, INC.

Occupancy Factor : 1.00
Building Type: Enclosed

BASED ON SP LUMBER
USING GROSS AREA TEST.

Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69
B LOCK 3.0x 4.0 Ctr Ctr 0.55
C LOCK 2.0x 4.0 Ctr Ctr 0.69
D LOCK 1.0x 3.0 Ctr Ctr 0.75

Max comp. force 161 Lbs
Quality Control Factor 1.25

REVIEWED BY:

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

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

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

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
Cont. Brg	0- 0- 0	to 6- 9- 6		
	663	93	Hz =	27

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:

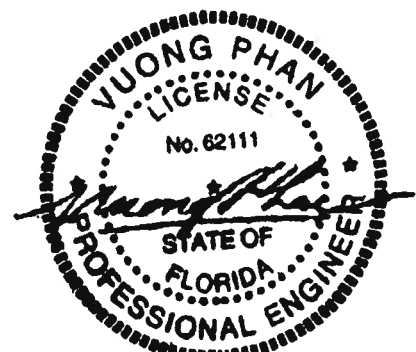
FBC2004

OH Loading

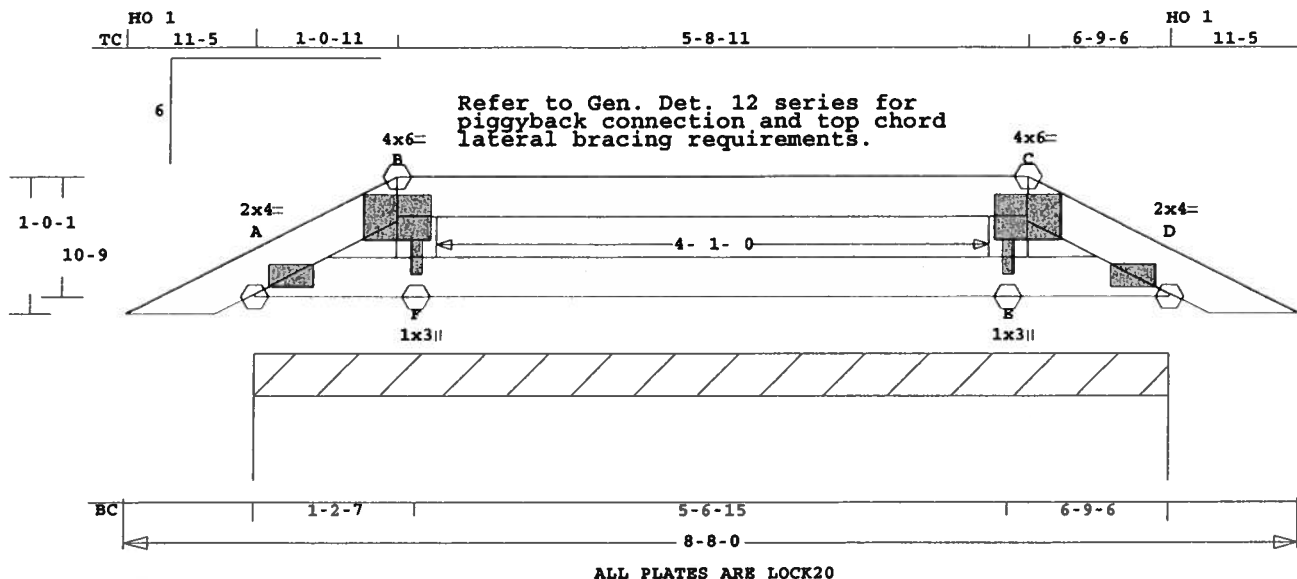
Soffit psf 2.0

Design checked for 10 psf non-

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.07	161	C	0.00	0.07
B -C	0.07	161	C	0.00	0.07
-----Bottom Chords-----					
A -D	0.07	6	C	0.00	0.07



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHITT-MARTINEZ	P3	2	HIPP	80800	6	11- 5	11- 5	T06071750
U# J#WHITT-MARTINEZ MARTINEZ - 2116								



Scale: 0.712" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.2 LBS

Online Plus -- Version 19.0.032	F -D 0.08	3 T 0.00 0.08	Design checked for 10 psf non-concurrent LL on BC.
RUN DATE: 19-JUL-06	F -B 0.02	220 C	Refer to Gen Det 3 series for web bracing and plating.
	E -C 0.02	220 C	Wind Loads - ANSI / ASCE 7-02
CSI -Size- ----Lumber----	TL Defl -0.01" in F -E	L/999	Truss is designed as a Main
TC 0.17 2x 4 SP-#2	LL Defl -0.01" in F -E	L/999	Wind-Force Resistance System.
BC 0.08 2x 4 SP-#2	Shear // Grain in B -C	0.16	Wind Speed: 110 mph
WB 0.02 2x 4 SP-#2			Mean Roof Height: 15-0
Brace truss as follows:	Plates for each ply each face.		Exposure Category: B
O.C. From To	PLATING CONFORMS TO TPI.		Occupancy Factor : 1.00
TC Cont. 0- 0- 0 8- 8- 0	REPORT: NER 691		Building Type: Enclosed
BC Cont. 0- 0- 0 8- 8- 0	ROBBINS ENGINEERING, INC.		Zone location: Exterior
	BASED ON SP LUMBER		TC Dead Load : 5.0 psf
	USING GROSS AREA TEST.		BC Dead Load : 5.0 psf
Loading Live Dead (psf)	Plate - LOCK 20 Ga, Gross Area		Max comp. force 220 Lbs
TC 20.0 10.0	Plate - RHS 20 Ga, Gross Area		Quality Control Factor 1.25
BC 0.0 10.0	Jt Type Plt Size X Y JSI		
Total 20.0 20.0 40.0	A LOCK 2.0x 4.0 Ctr Ctr 0.69		
Spacing 24.0"	B LOCK 4.0x 6.0 Ctr Ctr 0.61		
Lumber Duration Factor 1.25	C LOCK 4.0x 6.0 Ctr Ctr 0.61		
Plate Duration Factor 1.25	D LOCK 2.0x 4.0 Ctr Ctr 0.69		
TC Fb=1.15 Fc=1.10 Ft=1.10	F LOCK 1.0x 3.0 Ctr Ctr 0.75		
BC Fb=1.10 Fc=1.10 Ft=1.10	E LOCK 1.0x 3.0 Ctr Ctr 0.75		

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft	Size Req'd
Lbs Lbs In-Sx In-Sx	
Cont. Brg 0- 0- 0 to 6- 9- 6	
663 123 Hz = 8	

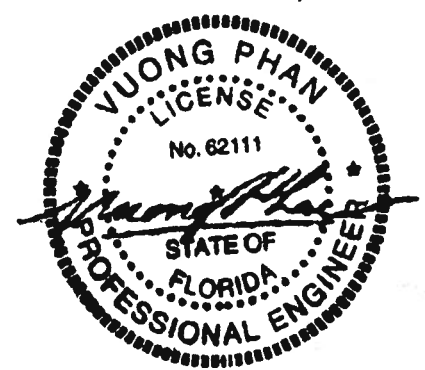
Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.04	13 T	0.00	0.04	
B -C	0.17	14 C	0.00	0.17	
C -D	0.04	13 T	0.00	0.04	
-----Bottom Chords-----					
A -F	0.08	3 T	0.00	0.08	
F -E	0.08	0 T	0.00	0.08	

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

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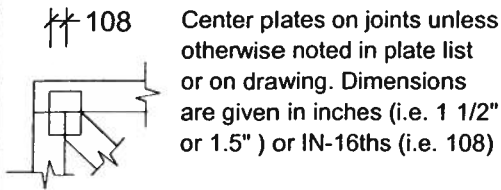
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



LATERAL BRACING

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

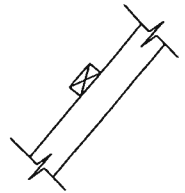
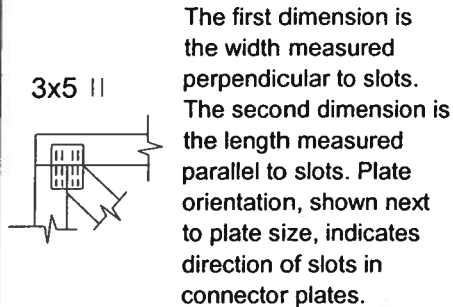
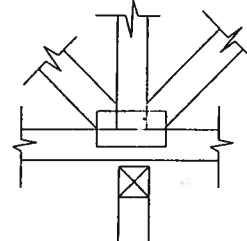
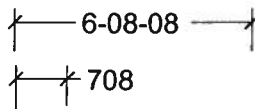


PLATE SIZE AND ORIENTATION



DIMENSIONS

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



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

BEARING

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

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted.

The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

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

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



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